

Photometric Test Report



EclPar IPSVW

IP65 single source 60W VariableWhite LED
spotlight, 15° optics included

CONTENTS

Table of contents	2
Testing process	4
preset Full on	
Narrow Lens	5
Medium Lens	10
Wide Lens	15
Beam angle 10°+10°x20° Filter	20
Beam angle 10°+10°x40° Filter	25
Beam angle 10°+10°x60° Filter	30
Beam angle 10°+30°x60° Filter	35
preset Warm White	
Narrow Lens	40
Medium Lens	45
Wide Lens	50
Beam angle 10°+10°x20° Filter	55
Beam angle 10°+10°x40° Filter	60
Beam angle 10°+10°x60° Filter	65
Beam angle 10°+30°x60° Filter	70
preset Cold White	
Narrow Lens	75
Medium Lens	80
Wide Lens	85
Beam angle 10°+10°x20° Filter	90
Beam angle 10°+10°x40° Filter	95
Beam angle 10°+10°x60° Filter	100
Beam angle 10°+30°x60° Filter	105
Color preset 2800K	
Narrow Lens	110
Medium Lens	115
Wide Lens	120
Beam angle 10°+10°x20° Filter	125
Beam angle 10°+10°x40° Filter	130

Beam angle 10°+10°x60° Filter	135
Beam angle 10°+30°x60° Filter	140
Color preset 3200K	
Narrow Lens	145
Medium Lens	150
Wide Lens	155
Beam angle 10°+10°x20° Filter	160
Beam angle 10°+10°x40° Filter	165
Beam angle 10°+10°x60° Filter	170
Beam angle 10°+30°x60° Filter	175
Color preset 4000K	
Narrow Lens	180
Medium Lens	185
Wide Lens	190
Beam angle 10°+10°x20° Filter	195
Beam angle 10°+10°x40° Filter	200
Beam angle 10°+10°x60° Filter	205
Beam angle 10°+30°x60° Filter	210
Color preset 5600K	
Narrow Lens	215
Medium Lens	220
Wide Lens	225
Beam angle 10°+10°x20° Filter	230
Beam angle 10°+10°x40° Filter	235
Beam angle 10°+10°x60° Filter	240
Beam angle 10°+30°x60° Filter	245
Color preset 6000K	
Narrow Lens	250
Medium Lens	255
Wide Lens	260
Beam angle 10°+10°x20° Filter	265
Beam angle 10°+10°x40° Filter	270
Beam angle 10°+10°x60° Filter	275
Beam angle 10°+30°x60° Filter	280

TESTING PROCESS

Prolights has its own optical testing laboratory in order to provide accurate photometric reports for its lighting products. The testing laboratory contains certain variety of precise lighting measurement systems that ensure an optimal reading of all the characteristic parameters of the lighting devices. All measurements are made at a controlled room temperature of 20°C without any external light sources. This photometric report is obtained through the data measured by a high precision measurement system and analyzed by a dedicate software.

Prolights measurement instrument

Prolights measurement instrument is a complete measurement system for any light source. It's equipped with two-axis goniometer, that enables to measure the full 3D distribution field of the light source. This instrument measures the light intensity, the beam angle and the most significative colors parameters, like color temperature, spectral distribution, CRI, CQS, TM-30 with a very high accuracy rate.

Please Note: All measurements are made with light source at operating temperature. Before starting the measurement, the instrument analyzes the process of the light source during the heating phase. The measuring process of all the parameters begins only when the light emission is stable, that is with a variation of less than 0.5% in a 15 minutes time frame.

Prolights measurement software

The software provides user friendly interface for the operator who does the measurements, and it also analyzes and processes all the collected data by the instrument. With this software it is possible to see the measured data in real-time and it is possible to examine all the measured data and graphics afterwards as well. All information is collected in a specific Prolights template, and the software creates also IES and LDT files, which are widely used to transfer the photometric data, and to develop lighting system.

Additionally, the fixtures are rechecked using various hand-held instruments like Sekonic C-700 and Gossen Mavospec Base, this is done to ensure, that the data in the photometric report are as accurate as possible.



Total lumen output:

3438 lm

Peak candela output:

45989 cd

Light quality:

CRI: 96,9

Color temperature:

4313 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Narrow Lens

Target:

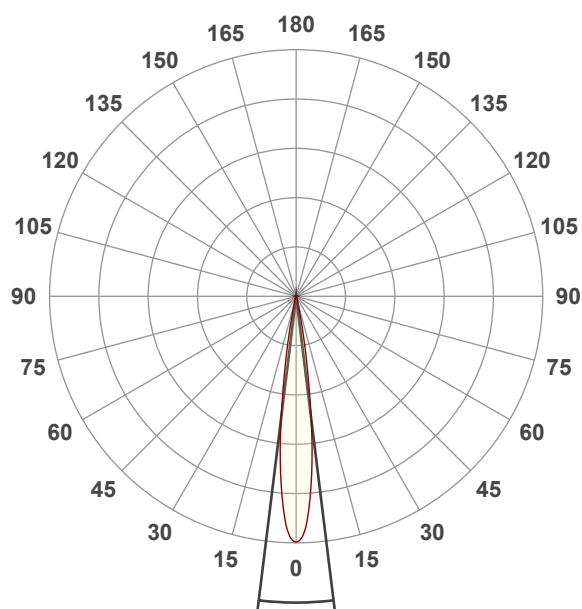
Full On

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 11:39:42

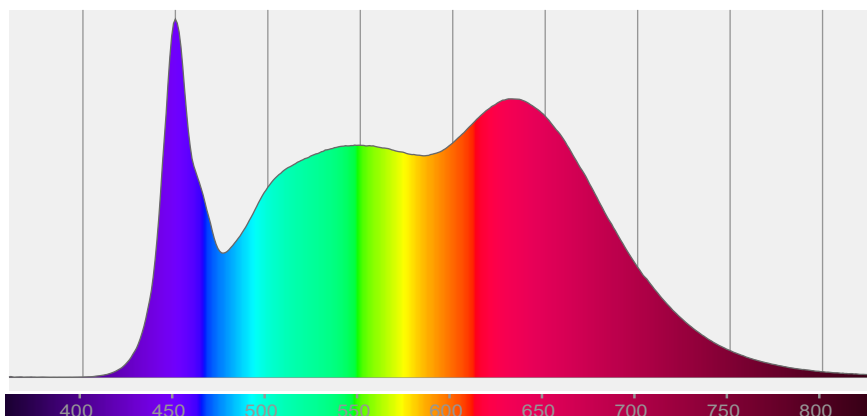


Beam angle 50%: 14°

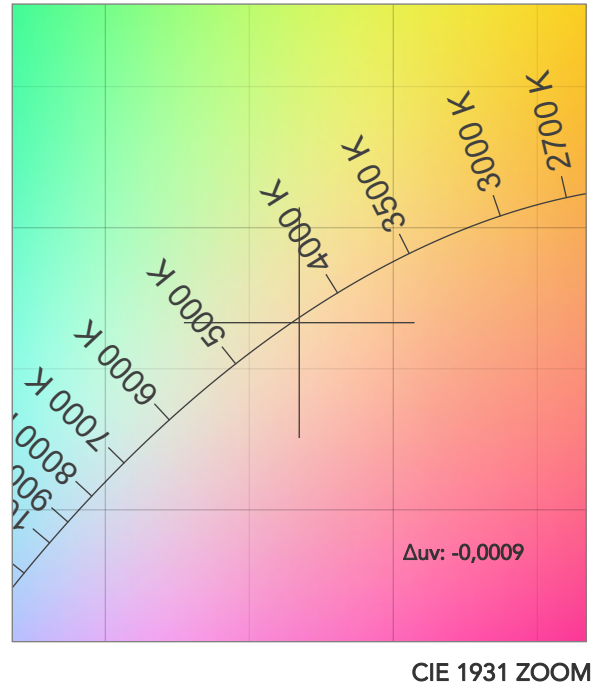
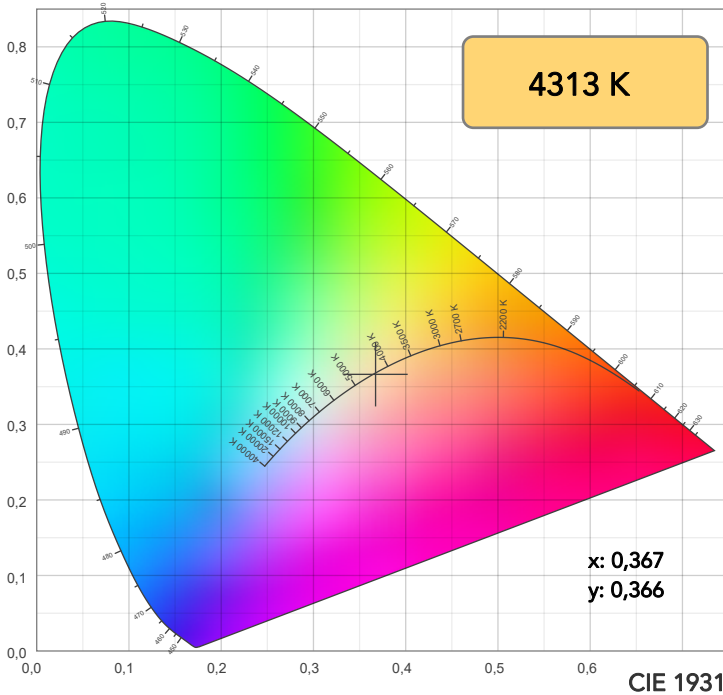
Field angle 10%: 23,2°

Cut off angle 2.5%: 31,6°

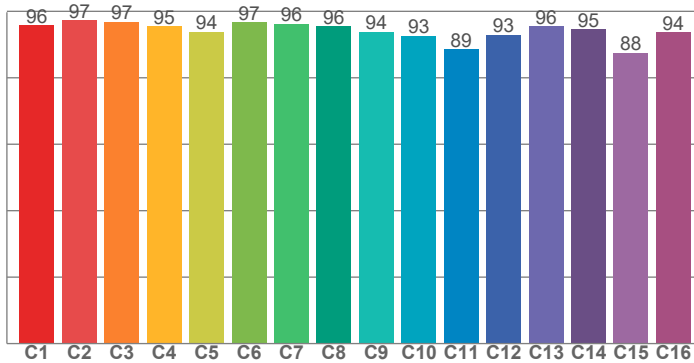
Spectra



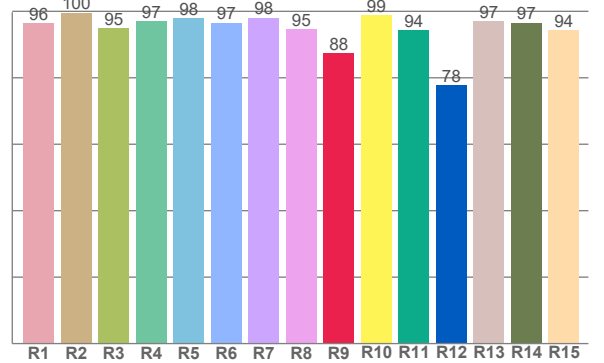
COLOR DETAILS



TM30: 94,2



CRI: 96,9 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,5	99,6	94,9	96,9	97,9	96,6	98,1	94,6	87,5	98,9	94,2	77,7	97,1	96,6	94,4

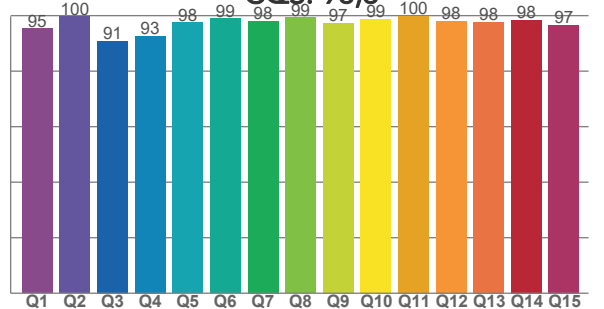
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,9	97,3	96,9	95,5	93,9	96,7	96,2	95,6	93,8	92,6	88,7	92,9	95,5	94,6	87,5	93,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,3	99,7	90,9	92,6	97,6	99,0	98,0	99,3	97,3	98,8	99,8	98,1	97,7	98,3	96,7

CQS: 96,3



COLOR PARAMETERS

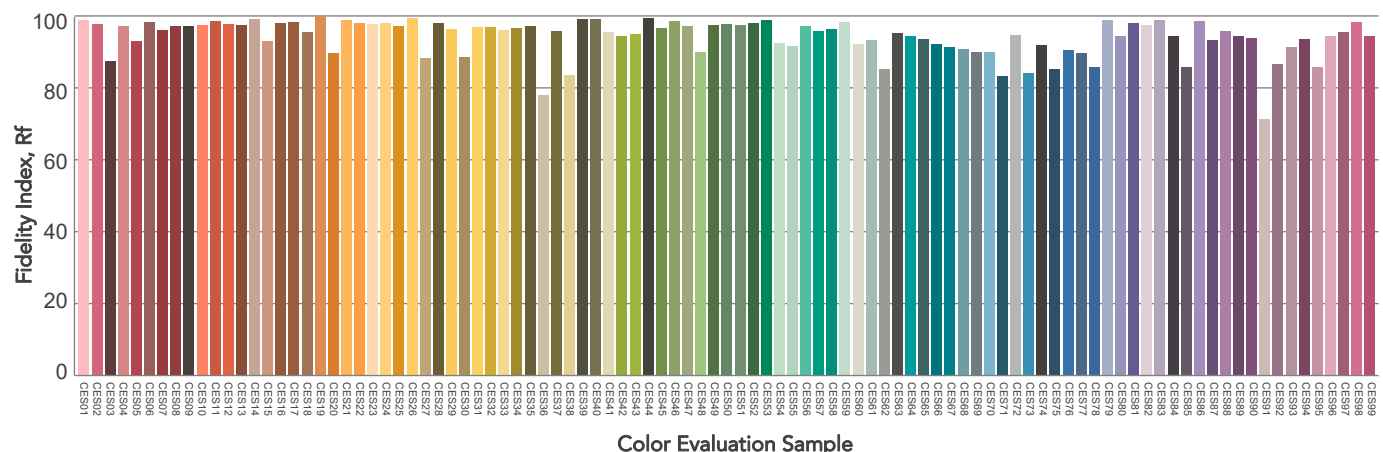
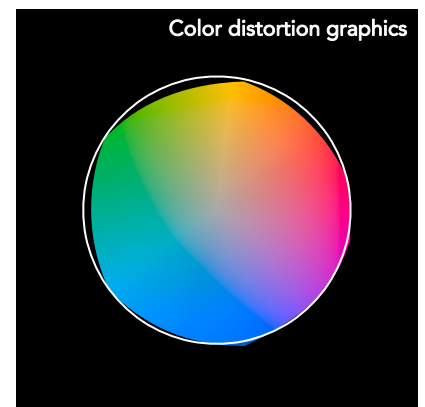
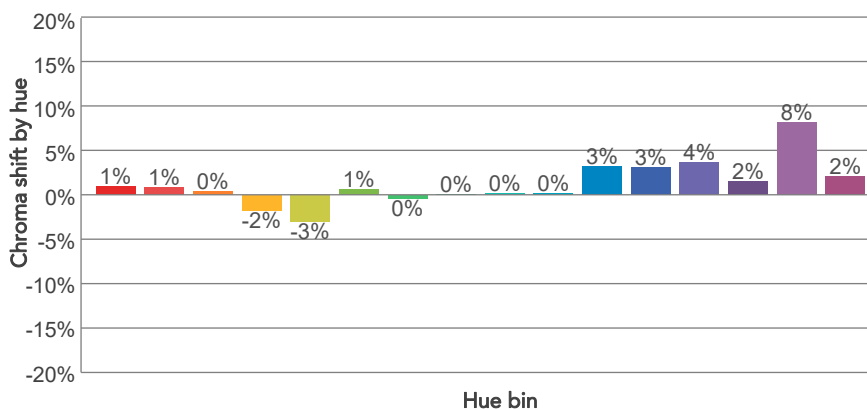
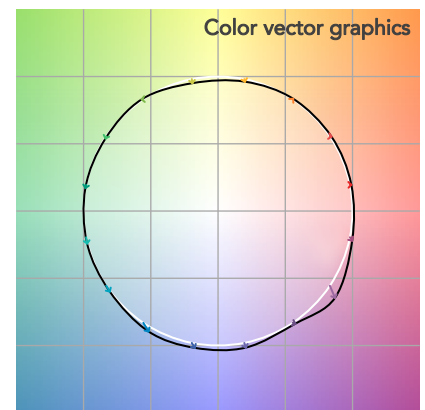
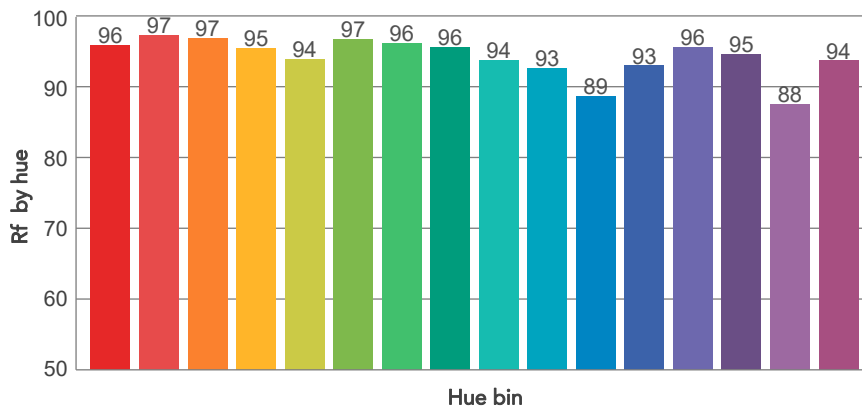
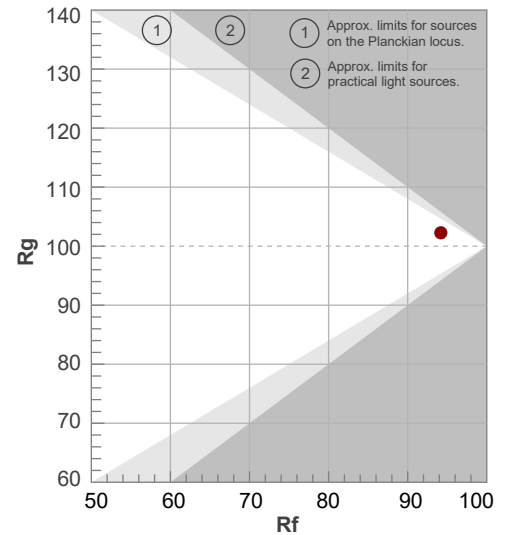
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4313 K	96,9	87,5	94,2	102,3	96,3	99	0,367	0,366	-0,0009

TM30 DETAILS

Rf 94,2
Fidelity index Rf

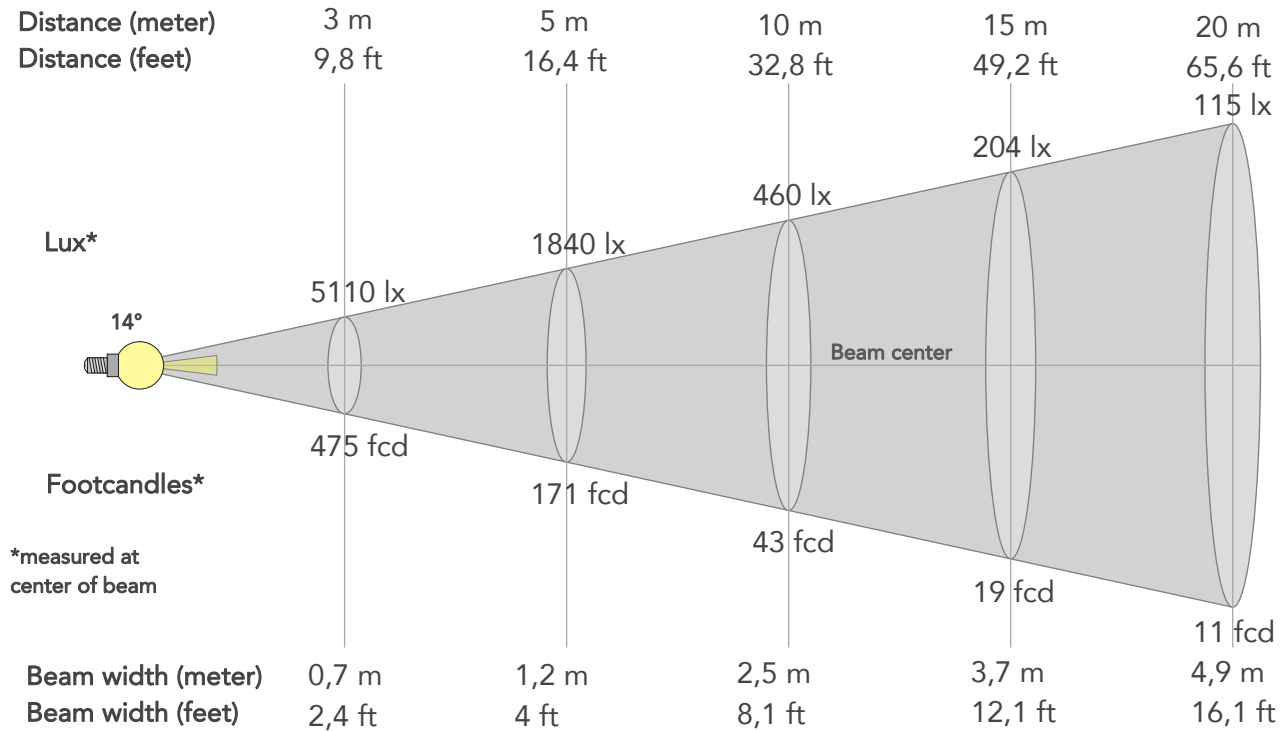
Rg 102,3
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	97	0%	0%
4	95	-2%	-1%
5	94	-3%	0%
6	97	1%	1%
7	96	0%	2%
8	96	0%	2%
9	94	0%	5%
10	93	0%	5%
11	89	3%	7%
12	93	3%	3%
13	96	4%	0%
14	95	2%	1%
15	88	8%	-5%
16	94	2%	-2%



BEAM DETAILS

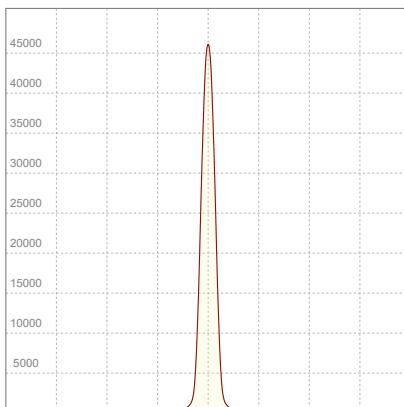
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14°	23,2°	31,6°	97,7%	94,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	45989lx	11497lx	5110lx	2874lx	1840lx	818lx	460lx	204lx	115lx	74lx	51lx	29lx	18lx
Footcand.	4272fcd	1068fcd	475fcd	267fcd	171fcd	76fcd	43fcd	19fcd	11fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,5m	3,7m	4,9m	6,2m	7,4m	9,8m	12,3m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6,1ft	8,1ft	12,1ft	16,1ft	20,2ft	24,2ft	32,3ft	40,4ft

LINEAR DISTRIBUTION DIAGRAM

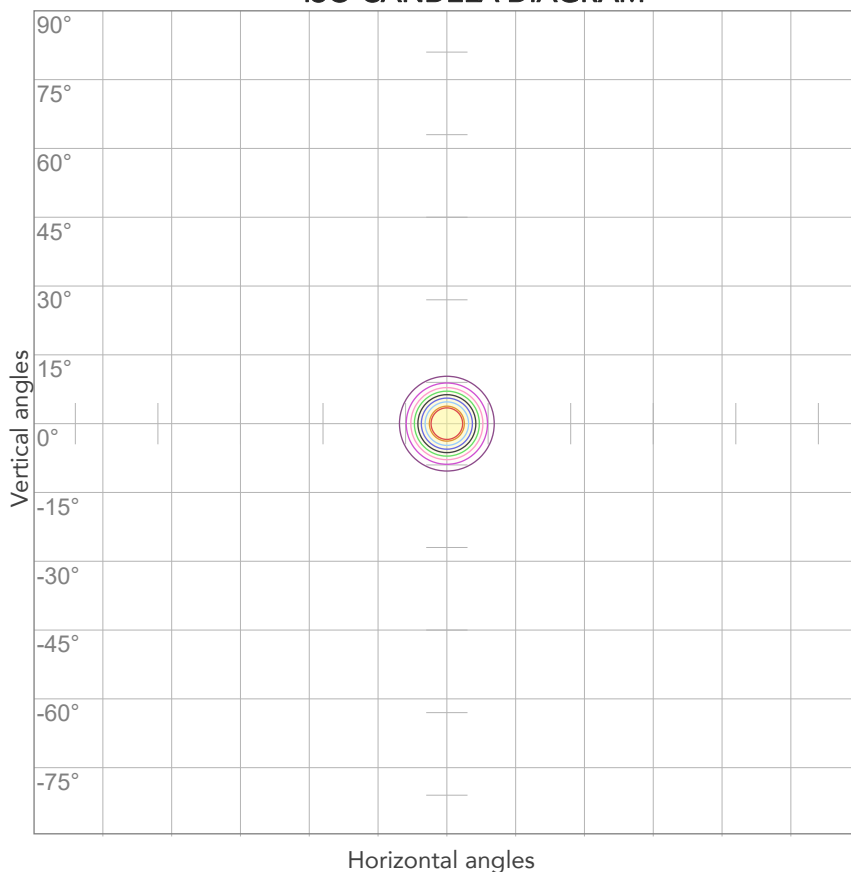


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,288A	62,5W	0,95	55lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



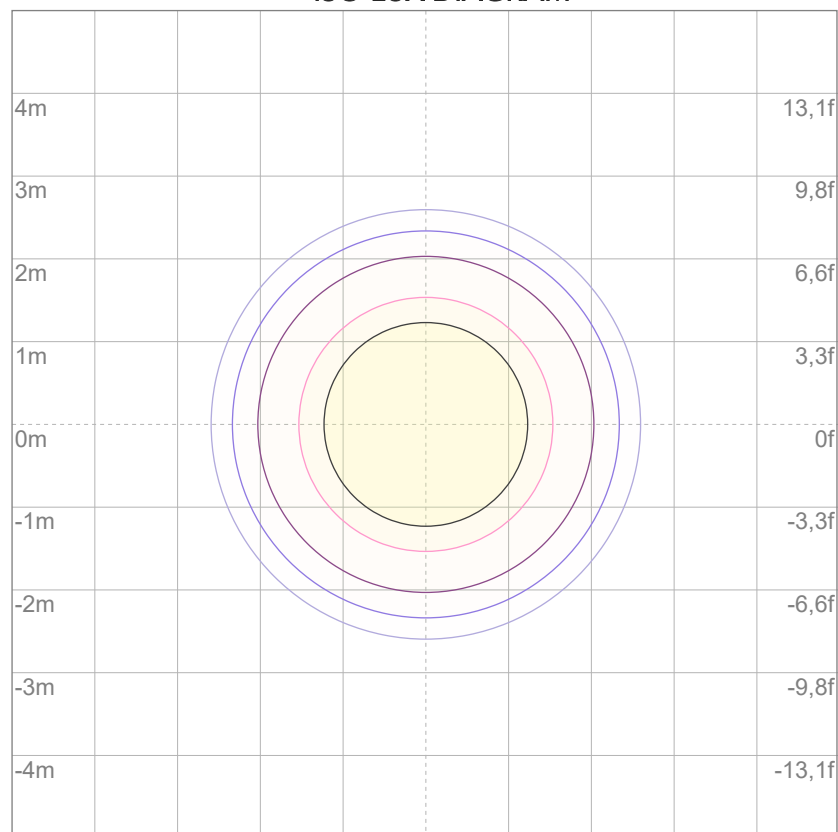
10%	4599 cd
20%	9198 cd
30%	13797 cd
40%	18395 cd
50%	22994 cd
60%	27593 cd
70%	32192 cd
80%	36791 cd

Conditions:

Number of c-planes: 2

Candela at center: 45989 cd

ISO LUX DIAGRAM



3%	13,8 lx
5%	23,0 lx
10%	46,0 lx
30%	138 lx
50%	230 lx

Conditions:

Number of c-planes: 2

Lux at center: 460 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3117 lm

Peak candela output:

11444 cd

Light quality:

CRI: 96,5

Color temperature:

4317 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Medium Lens

Target:

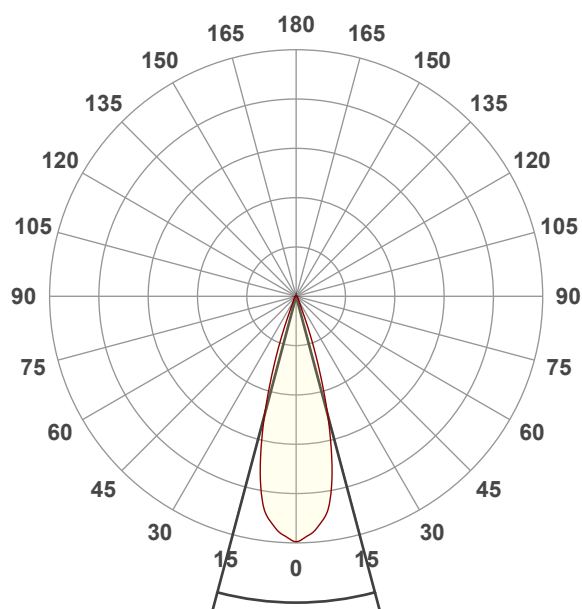
Full On

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 16:40:05

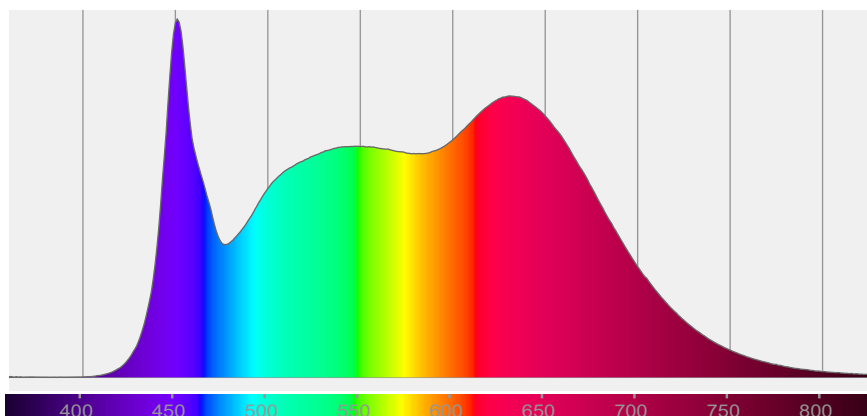


Beam angle 50%: 29,8°

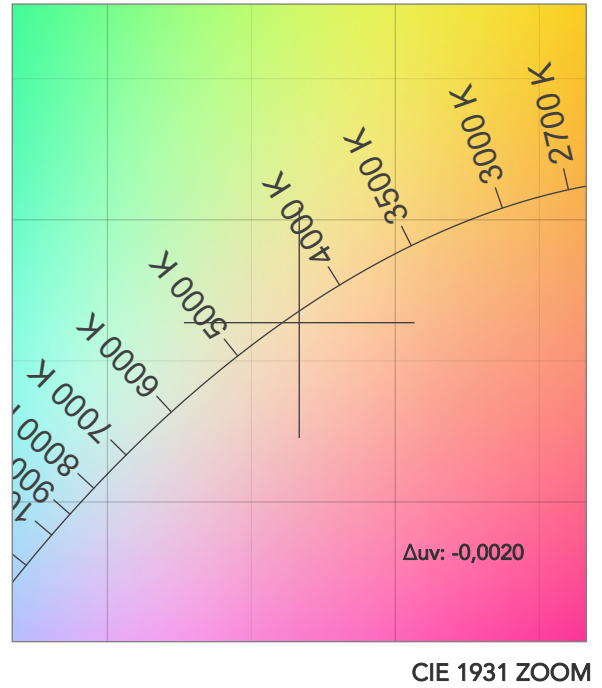
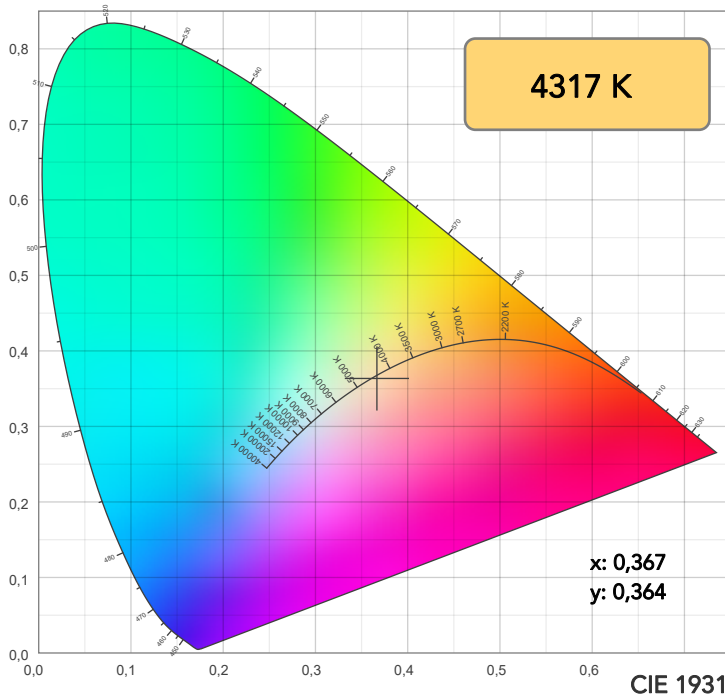
Field angle 10%: 43,3°

Cut off angle 2.5%: 59,1°

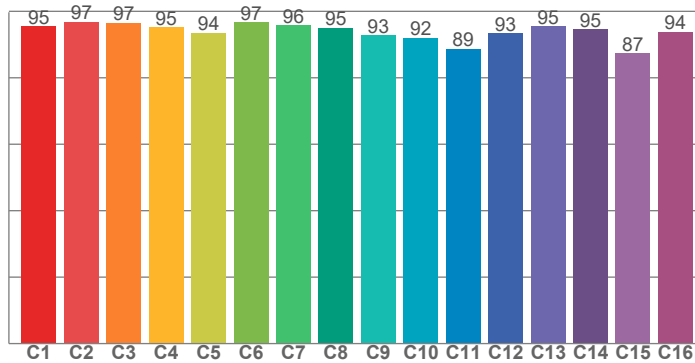
Spectra



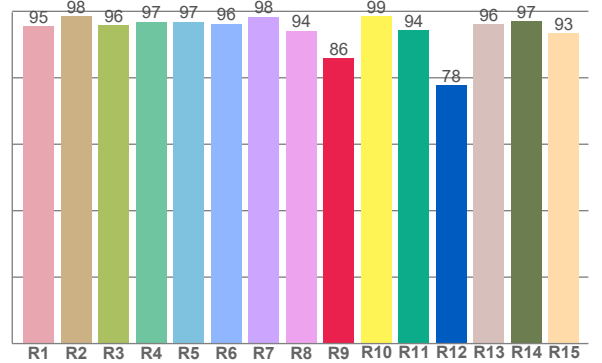
COLOR DETAILS



TM30: 93,9



CRI: 96,5 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,5	98,5	95,8	96,9	96,9	96,3	98,4	94,2	85,8	98,7	94,2	77,8	96,0	97,0	93,3

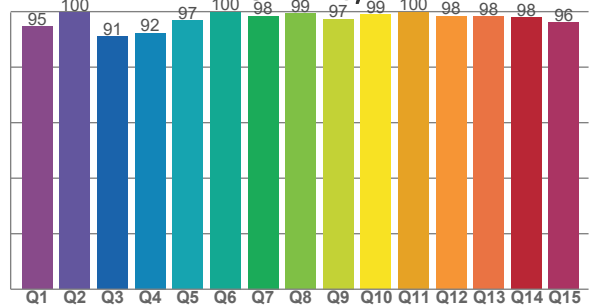
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,4	96,9	96,6	95,1	93,6	96,6	95,9	95,0	92,8	92,0	88,8	93,4	95,5	94,6	87,4	93,9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,7	99,6	91,1	92,3	96,8	99,9	98,4	99,4	97,4	99,0	99,9	98,4	98,2	97,8	96,1

CQS: 96,2



COLOR PARAMETERS

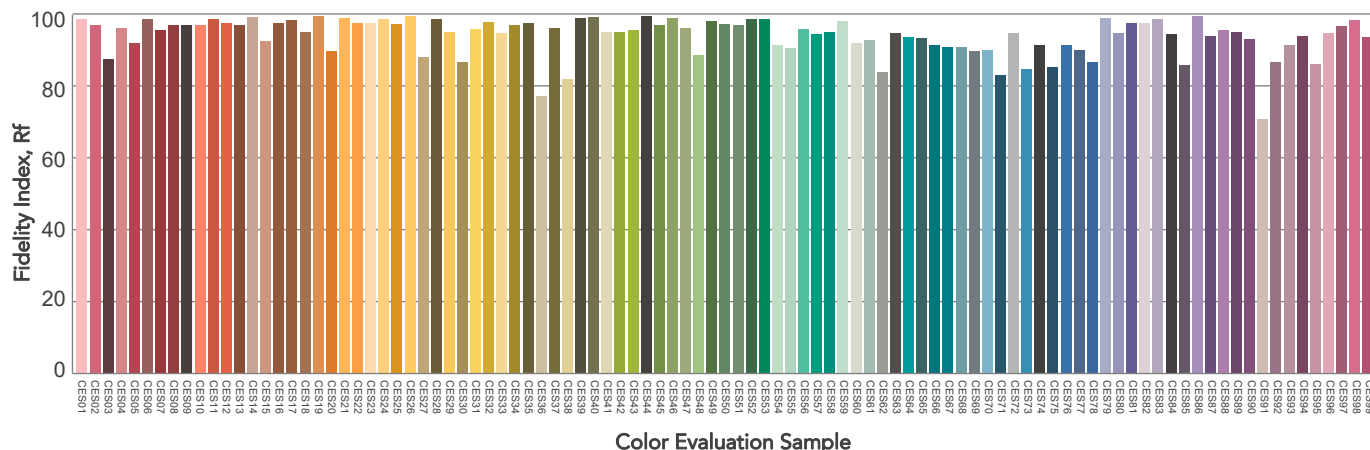
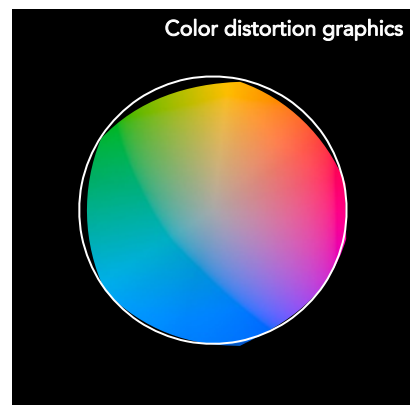
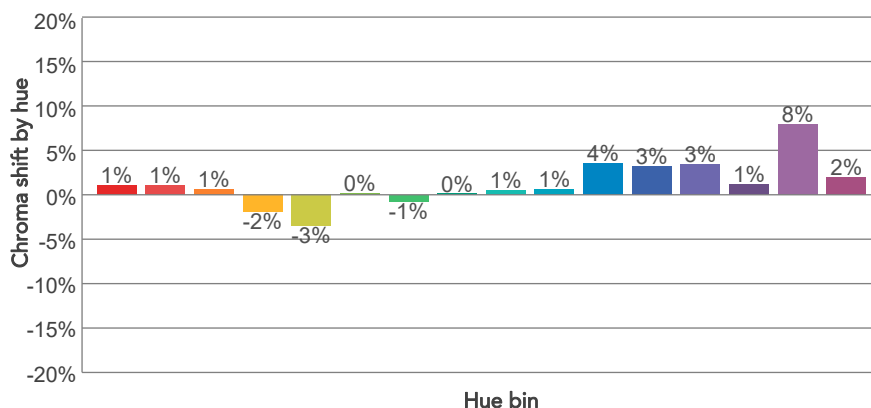
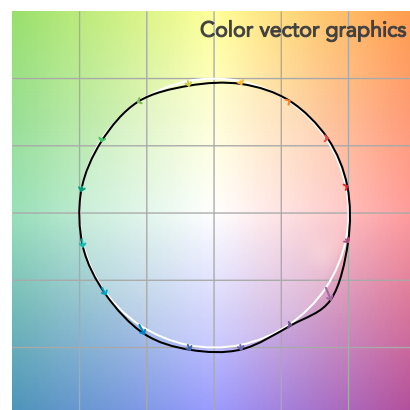
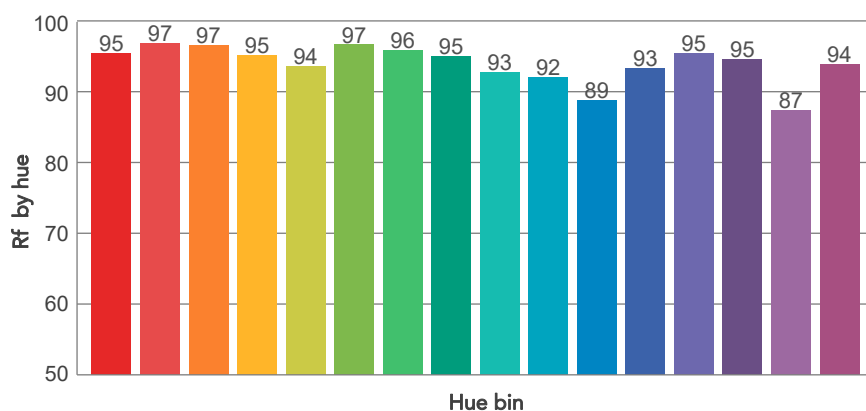
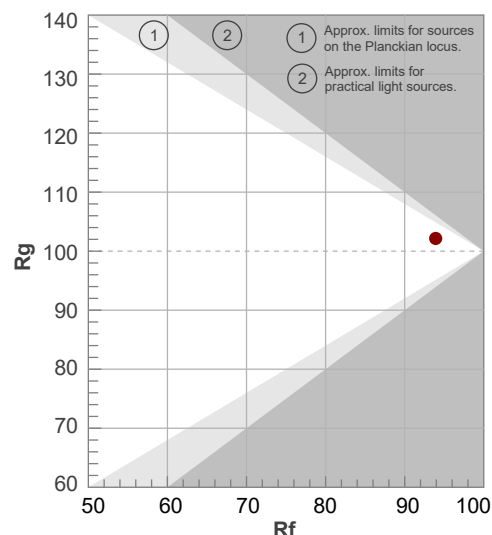
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4317 K	96,5	85,8	93,9	102,2	96,2	99	0,367	0,364	-0,0020

TM30 DETAILS

Rf 93,9
Fidelity index Rf

Rg 102,2
Gammut index

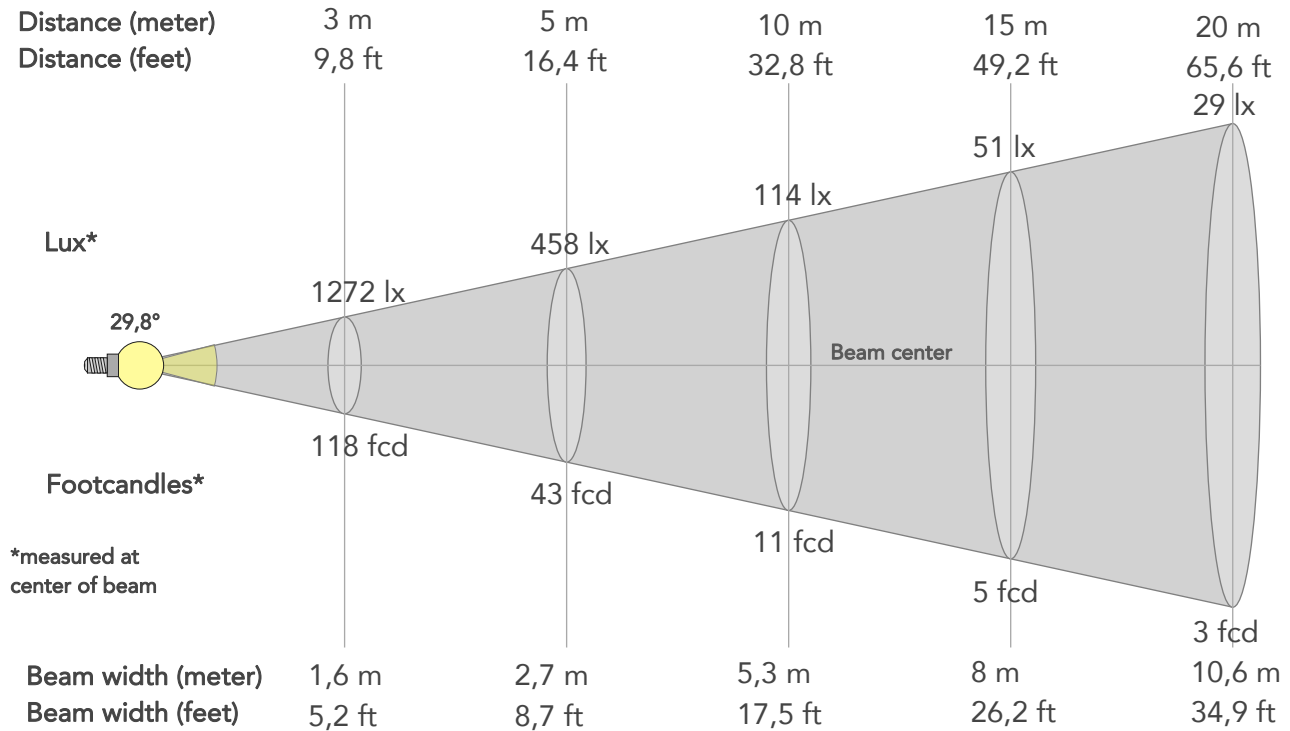
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	0%
2	97	1%	-1%
3	97	1%	0%
4	95	-2%	-1%
5	94	-3%	0%
6	97	0%	1%
7	96	-1%	2%
8	95	0%	3%
9	93	1%	5%
10	92	1%	5%
11	89	4%	7%
12	93	3%	2%
13	95	3%	0%
14	95	1%	1%
15	87	8%	-5%
16	94	2%	-2%



BEAM DETAILS



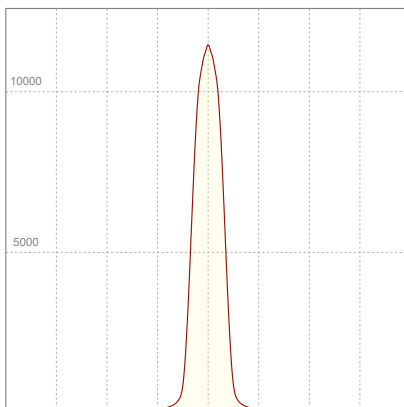
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,8°	43,3°	59,1°	97,4%	94,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	11444lx	2861lx	1272lx	715lx	458lx	203lx	114lx	51lx	29lx	18lx	13lx	7lx	5lx
Footcand.	1063fcd	266fcd	118fcd	66fcd	43fcd	19fcd	11fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1,1m	1,6m	2,1m	2,7m	4m	5,3m	8m	10,6m	13,3m	16m	21,3m	26,6m
Beam wid.	1,8ft	3,5ft	5,2ft	7ft	8,7ft	13,1ft	17,5ft	26,2ft	34,9ft	43,6ft	52,4ft	69,8ft	87,3ft

LINEAR DISTRIBUTION DIAGRAM

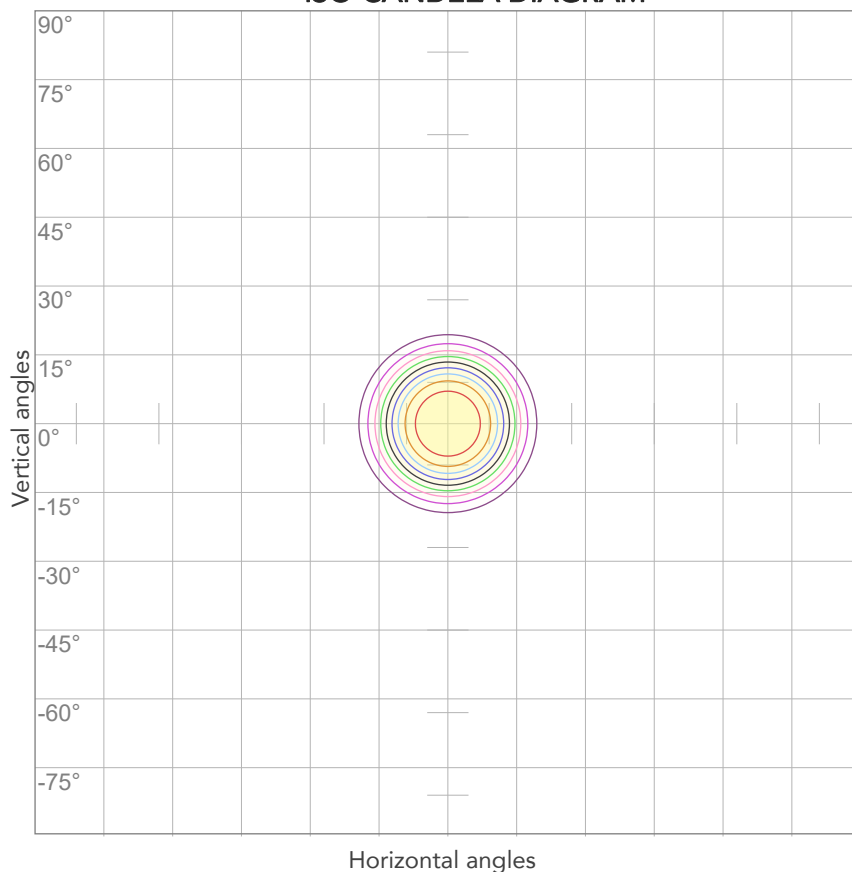


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,279A	60,6W	0,95	51lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



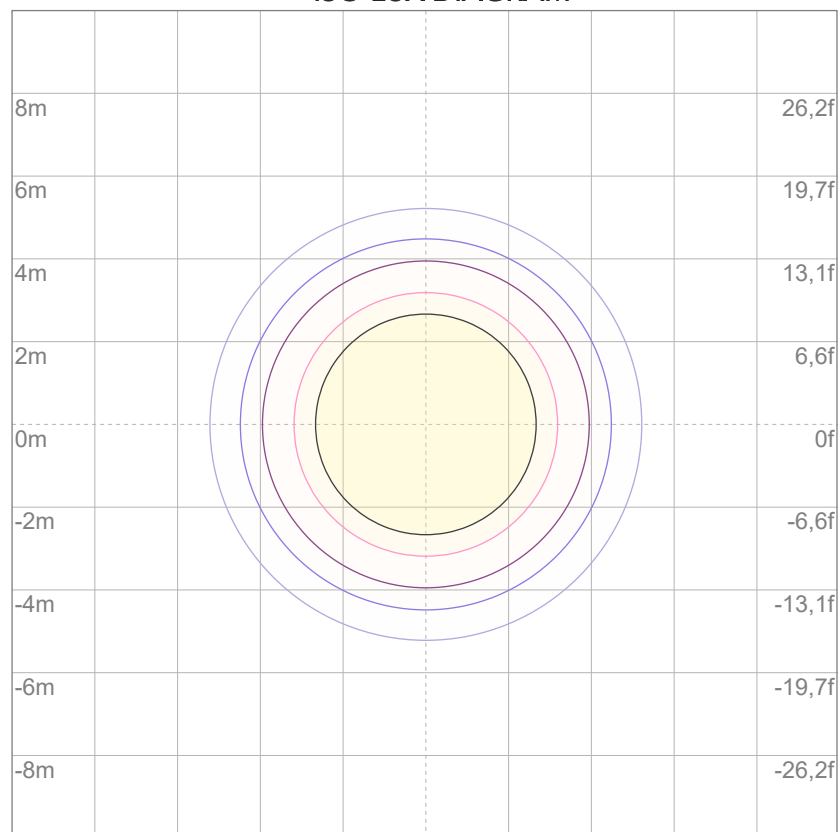
10%	1144 cd
20%	2289 cd
30%	3433 cd
40%	4578 cd
50%	5722 cd
60%	6867 cd
70%	8011 cd
80%	9156 cd

Conditions:

Number of c-planes: 2

Candela at center: 11444 cd

ISO LUX DIAGRAM



3%	3,43 lx
5%	5,72 lx
10%	11,4 lx
30%	34,3 lx
50%	57,2 lx

Conditions:

Number of c-planes: 2

Lux at center: 114 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3258 lm

Peak candela output:

4223 cd

Light quality:

CRI: 96,7

Color temperature:

4332 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Wide Lens

Target:

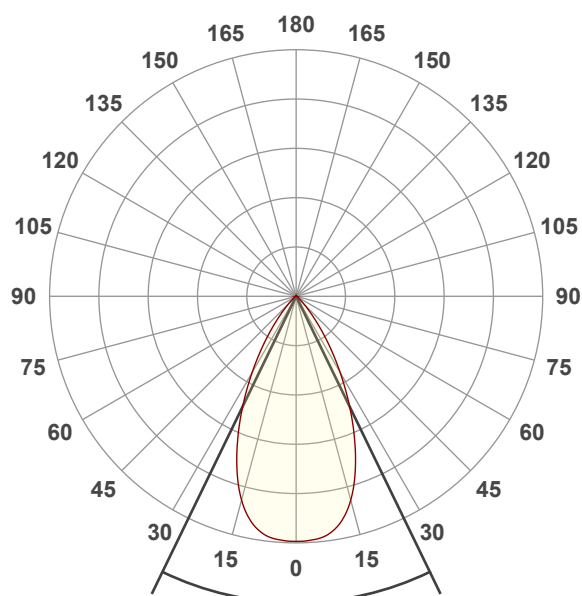
Full

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 16:54:48

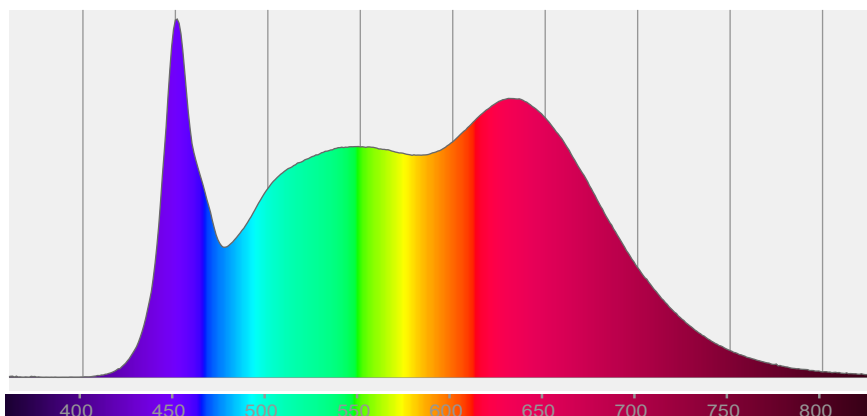


Beam angle 50%: 51,8°

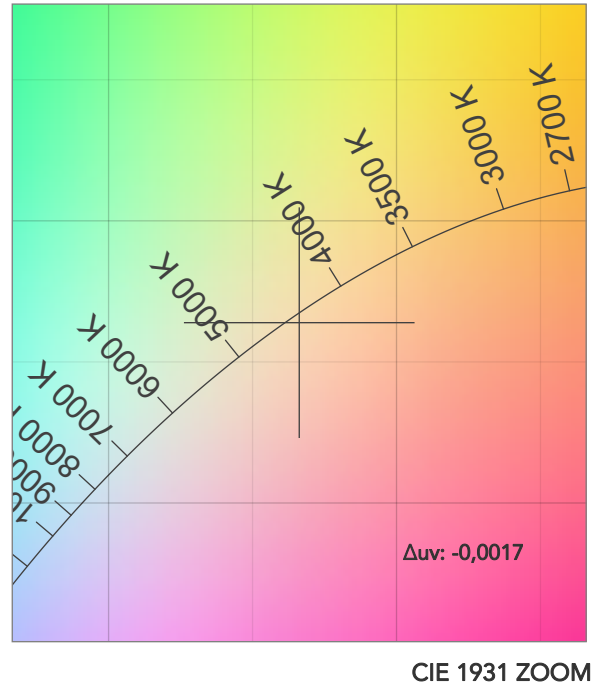
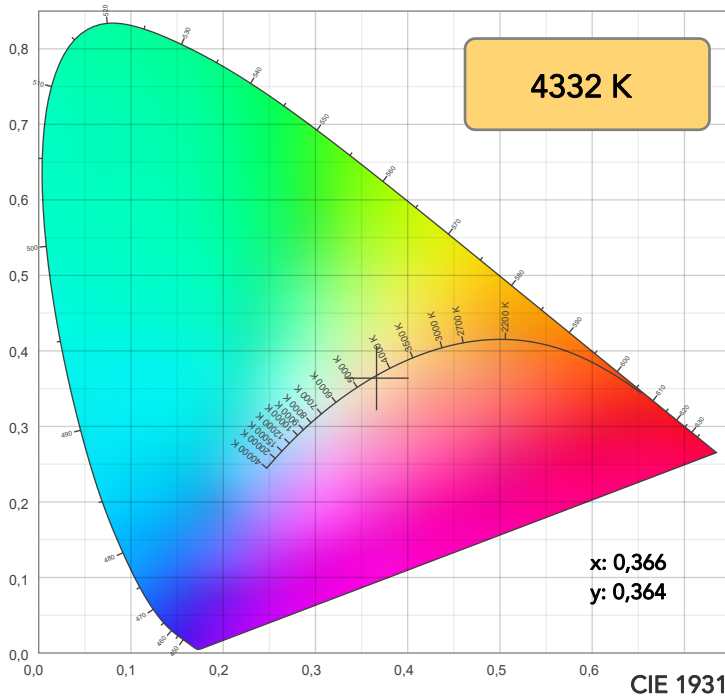
Field angle 10%: 80,8°

Cut off angle 2.5%: 97,3°

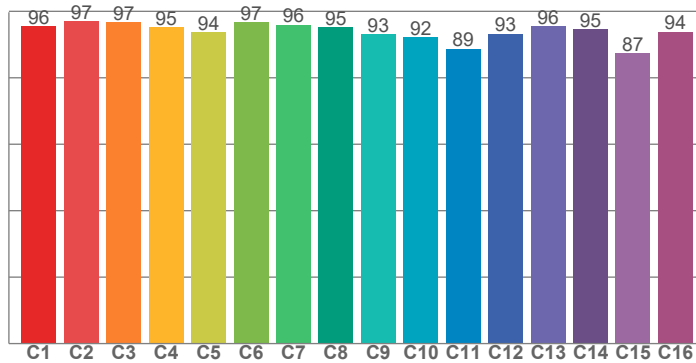
Spectra



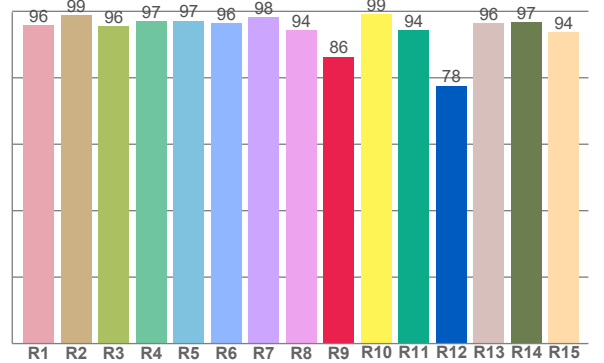
COLOR DETAILS



TM30: 94,0



CRI: 96,7 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,8	98,8	95,6	96,9	97,2	96,4	98,4	94,3	86,3	99,2	94,2	77,6	96,4	96,8	93,7

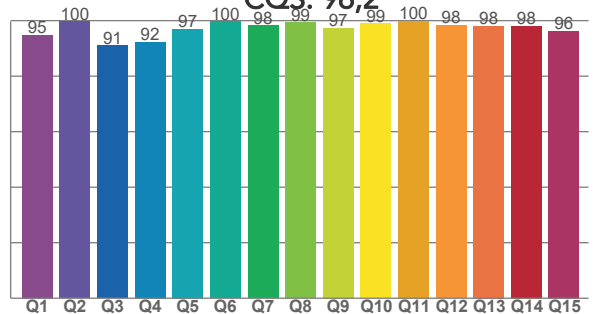
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,6	97,0	96,7	95,2	93,7	96,7	96,0	95,2	93,1	92,2	88,7	93,2	95,5	94,6	87,4	93,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,8	99,6	91,0	92,3	97,0	99,7	98,3	99,4	97,4	98,9	99,9	98,3	98,1	98,0	96,3

CQS: 96,2



COLOR PARAMETERS

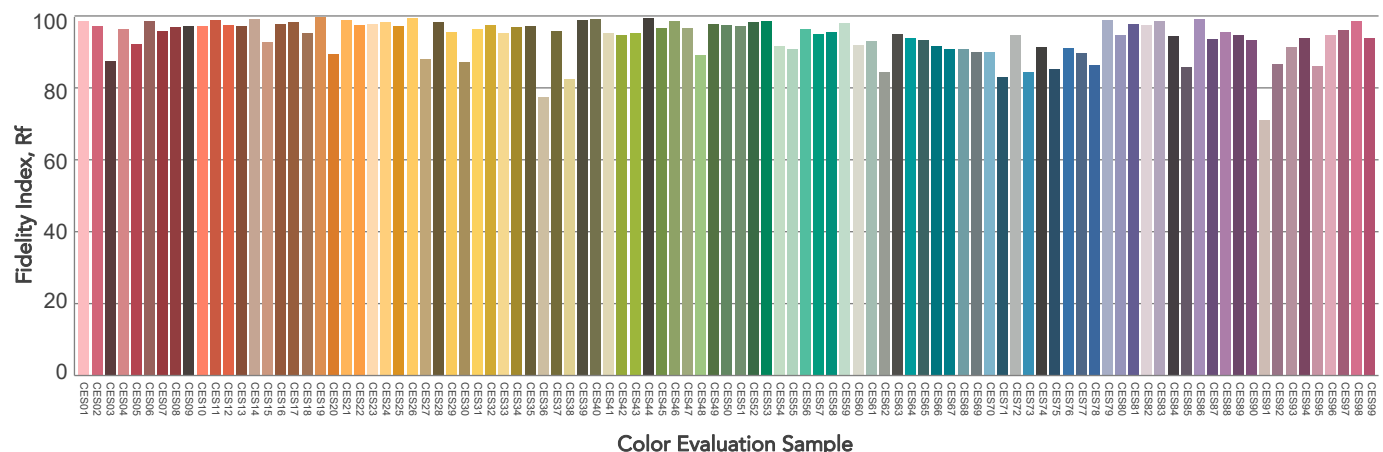
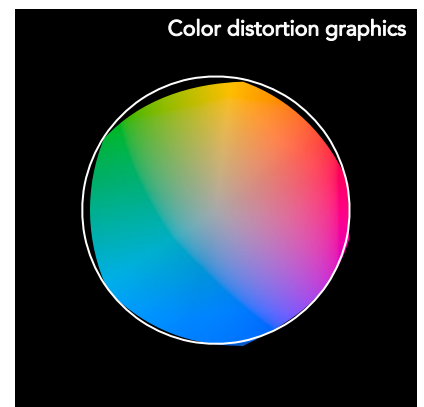
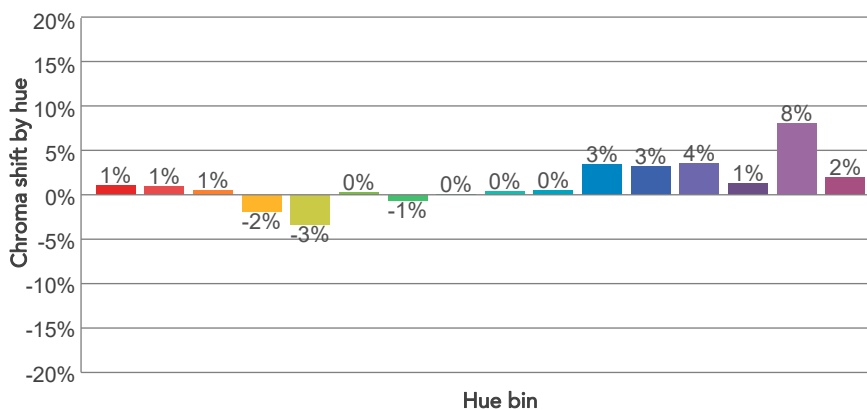
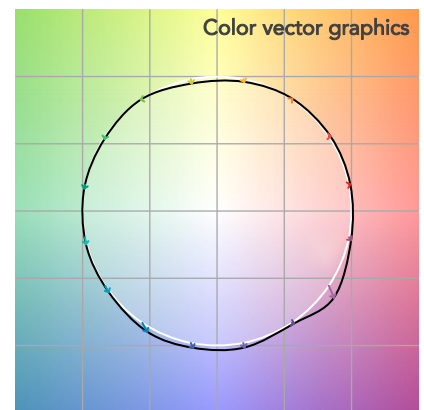
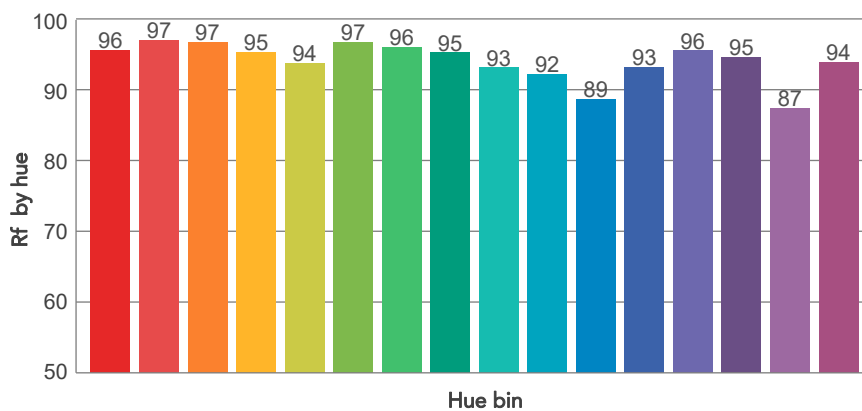
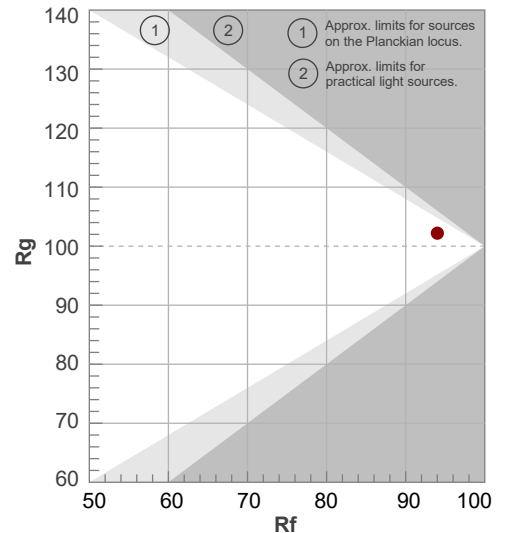
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4332 K	96,7	86,3	94,0	102,2	96,2	99	0,366	0,364	-0,0017

TM30 DETAILS

Rf 94,0
Fidelity index Rf

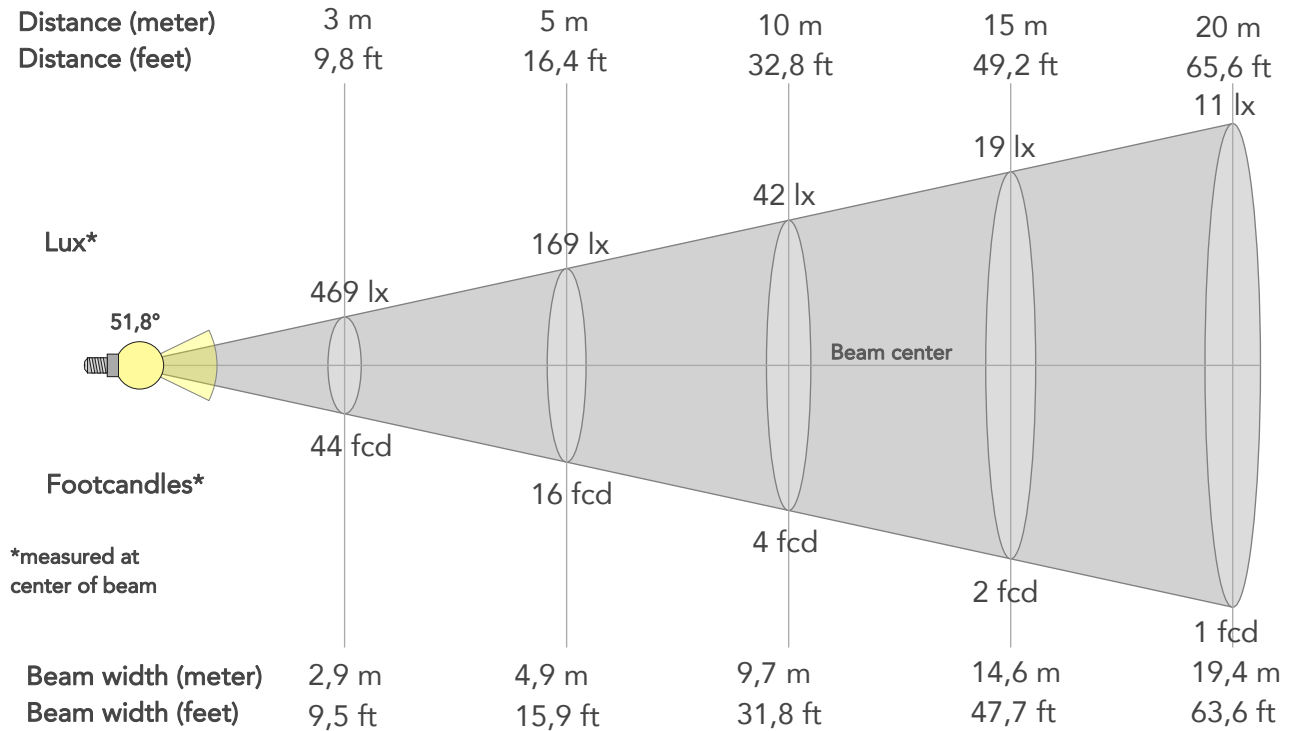
Rg 102,2
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	97	1%	0%
4	95	-2%	-1%
5	94	-3%	0%
6	97	0%	1%
7	96	-1%	2%
8	95	0%	3%
9	93	0%	5%
10	92	0%	5%
11	89	3%	7%
12	93	3%	3%
13	96	4%	0%
14	95	1%	1%
15	87	8%	-5%
16	94	2%	-2%



BEAM DETAILS

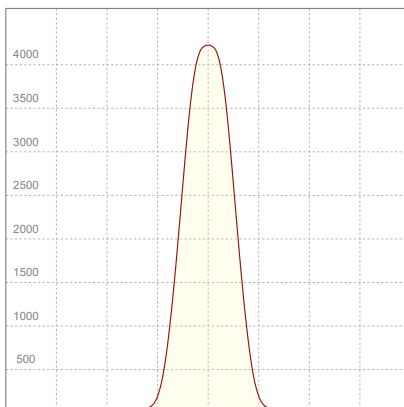
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
51,8°	80,8°	97,3°	98,3%	95,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4223lx	1056lx	469lx	264lx	169lx	75lx	42lx	19lx	11lx	7lx	5lx	3lx	2lx
Footcand.	392fcd	98fcd	44fcd	25fcd	16fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	1,9m	2,9m	3,9m	4,9m	7,3m	9,7m	14,6m	19,4m	24,3m	29,1m	38,8m	48,5m
Beam wid.	3,2ft	6,4ft	9,5ft	12,7ft	15,9ft	23,9ft	31,8ft	47,7ft	63,6ft	79,6ft	95,5ft	127,3ft	159,1ft

LINEAR DISTRIBUTION DIAGRAM

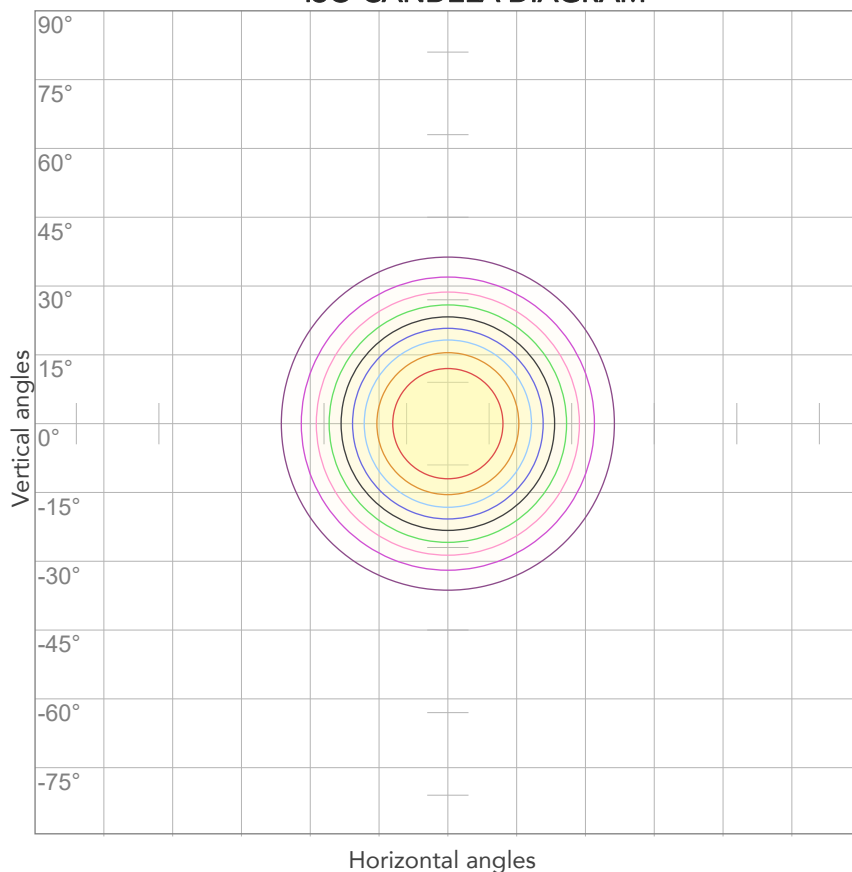


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,281A	61,3W	0,95	53lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



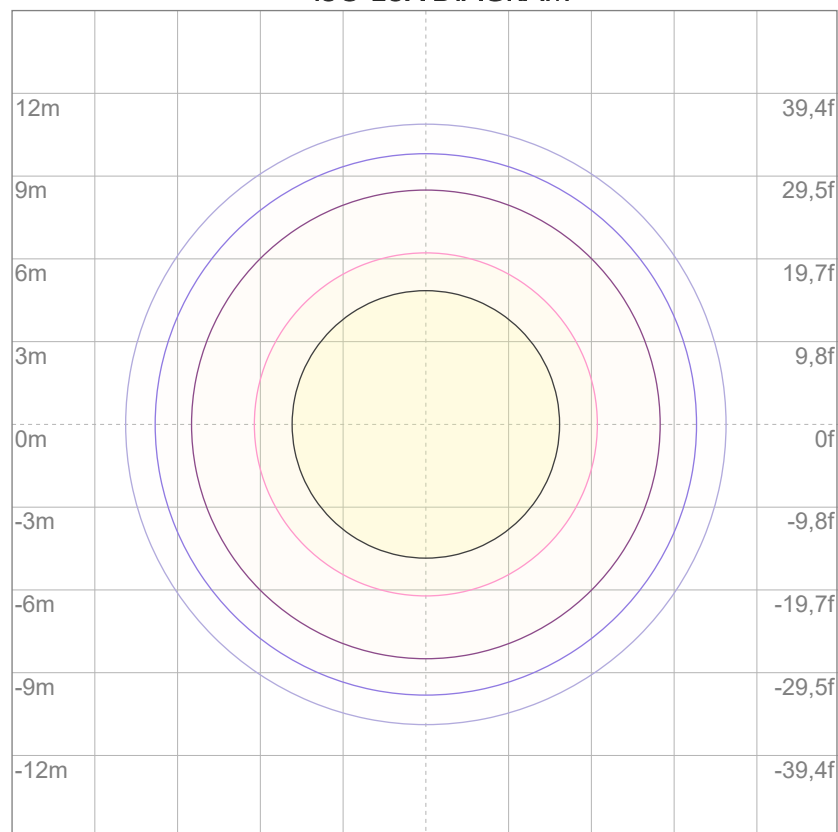
10%	422 cd
20%	845 cd
30%	1267 cd
40%	1689 cd
50%	2112 cd
60%	2534 cd
70%	2956 cd
80%	3379 cd

Conditions:

Number of c-planes: 2

Candela at center: 4223 cd

ISO LUX DIAGRAM



3%	1,27 lx
5%	2,11 lx
10%	4,22 lx
30%	12,7 lx
50%	21,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 42,2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2913 lm

Peak candela output:

20852 cd

Light quality:

CRI: 96,6

Color temperature:

4282 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x20° Filter

Target:

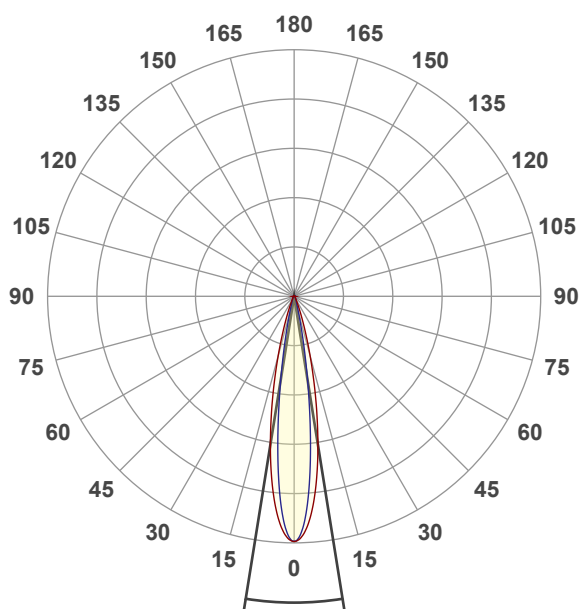
Full On

Operator:

Giuseppe della Peruta

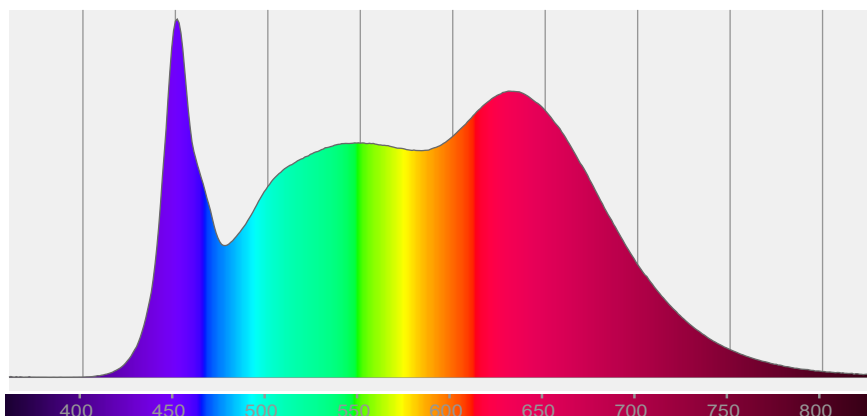
Date and time:

04/08/2025 12:11:50

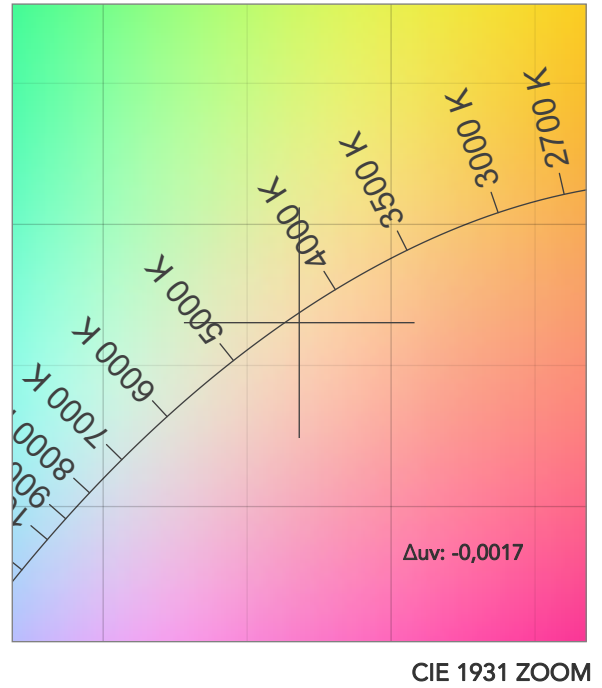
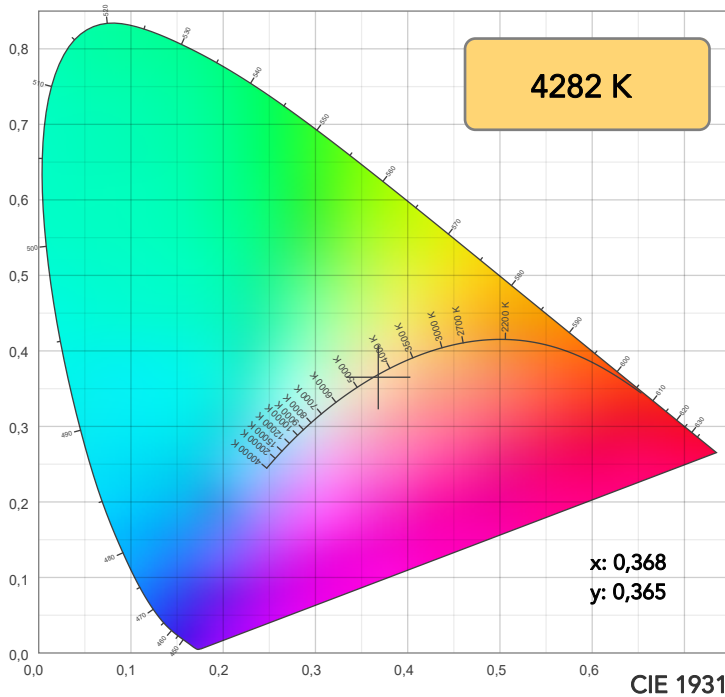


	Blue curve V	Red curve H
Beam angle 50%:	14,8°	21,5°
Field angle 10%:	27,3°	38,7°
Cut off angle 2.5%:	42°	52,6°

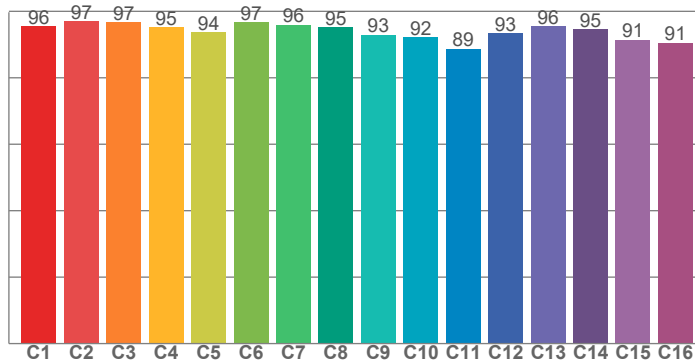
Spectra



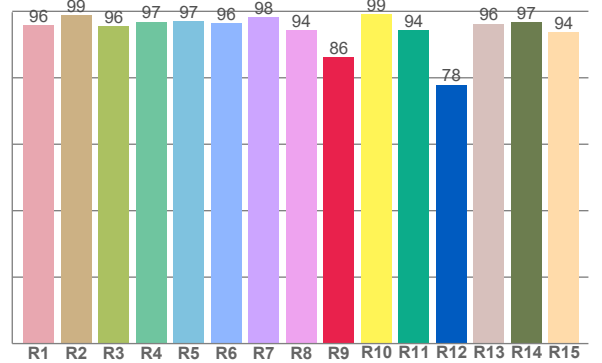
COLOR DETAILS



TM30: 94,0



CRI: 96,6 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,7	98,8	95,6	96,9	97,1	96,4	98,3	94,3	86,3	99,1	94,2	77,9	96,3	96,9	93,6

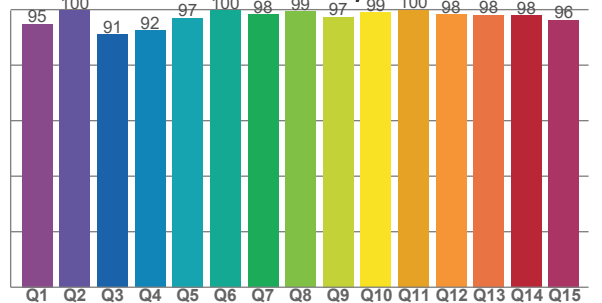
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,5	96,9	96,6	95,2	93,6	96,7	95,9	95,1	93,0	92,1	88,8	93,4	95,5	94,6	91,5	90,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,8	99,6	91,1	92,5	97,1	99,7	98,3	99,4	97,4	99,0	99,9	98,3	98,0	98,0	96,2

CQS: 96,3



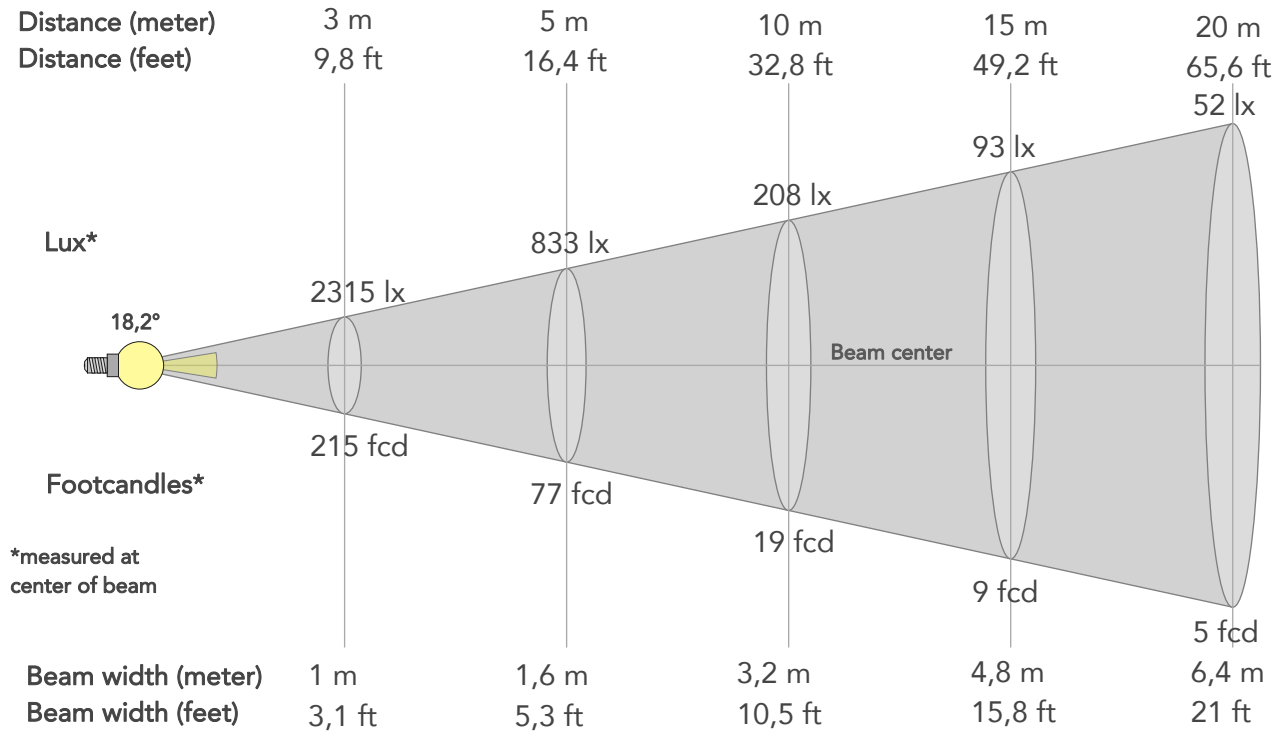
COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4282 K	96,6	86,3	94,0	101,9	96,3	99	0,368	0,365	-0,0017

BEAM DETAILS



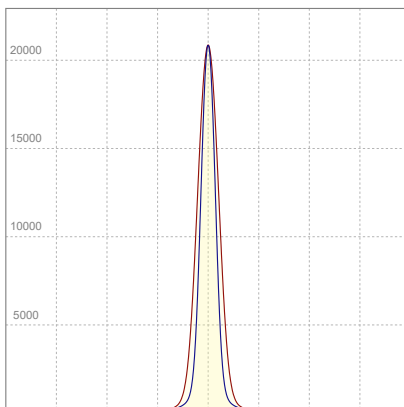
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,2°	33°	47,3°	97,4%	94,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	20833lx	5208lx	2315lx	1302lx	833lx	370lx	208lx	93lx	52lx	33lx	23lx	13lx	8lx
Footcand.	1935fcd	484fcd	215fcd	121fcd	77fcd	34fcd	19fcd	9fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,3ft	7,9ft	10,5ft	15,8ft	21ft	26,3ft	31,5ft	42ft	52,5ft

LINEAR DISTRIBUTION DIAGRAM

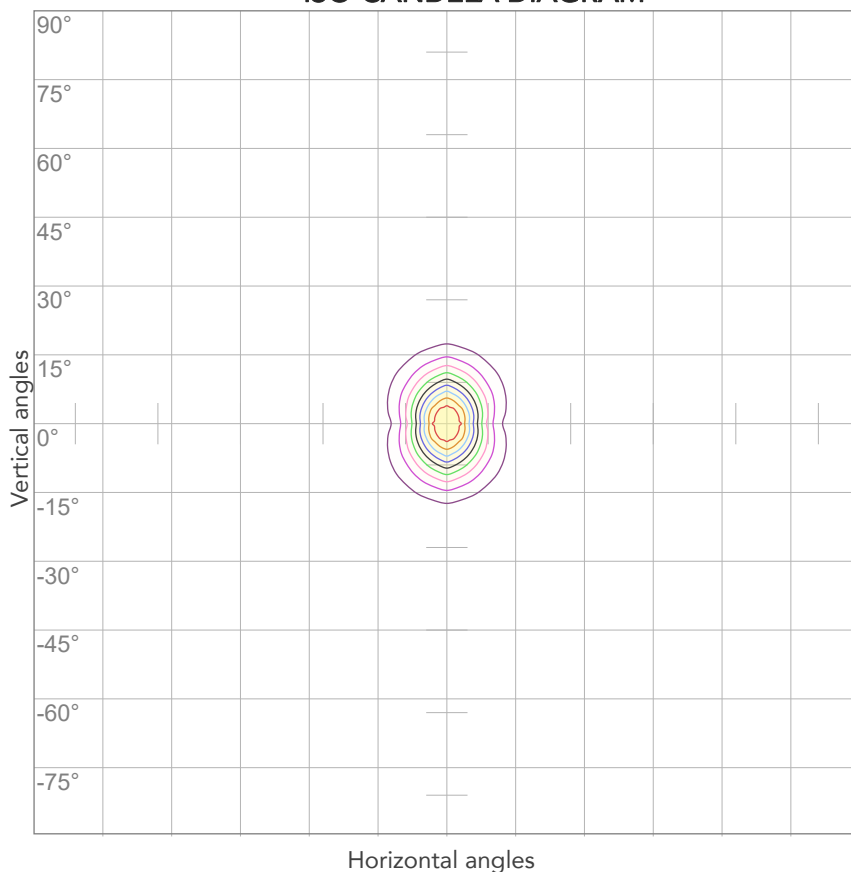


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
230V	0,280A	61,1W	0,95	48lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



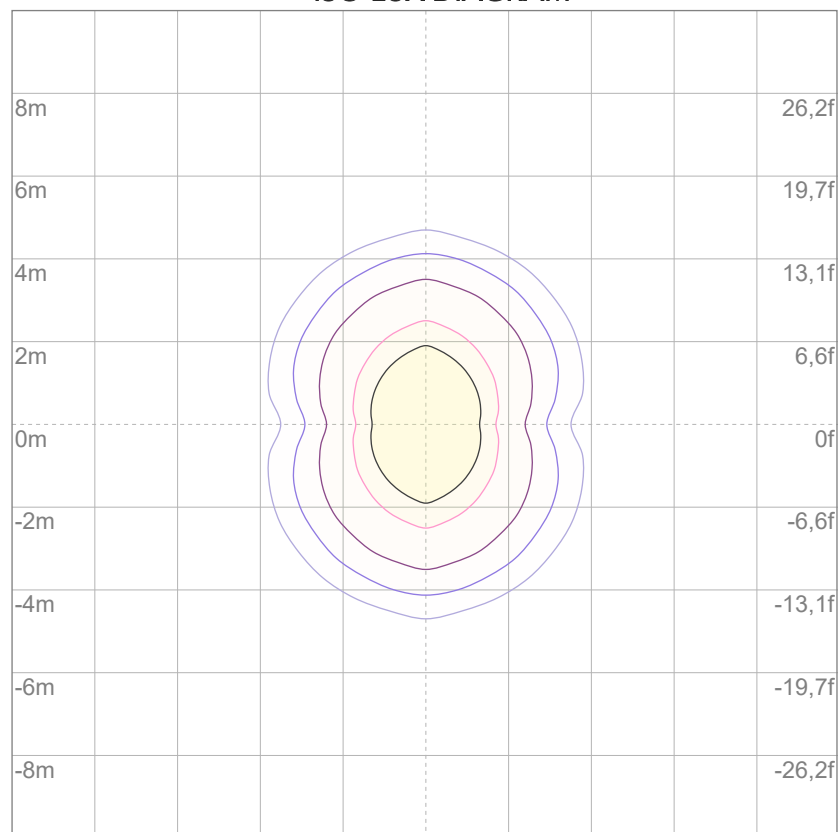
10%	2083 cd
20%	4167 cd
30%	6250 cd
40%	8333 cd
50%	10416 cd
60%	12500 cd
70%	14583 cd
80%	16666 cd

Conditions:

Number of c-planes: 4

Candela at center: 20833 cd

ISO LUX DIAGRAM



3%	6,25 lx
5%	10,4 lx
10%	20,8 lx
30%	62,5 lx
50%	104 lx

Conditions:

Number of c-planes: 4

Lux at center: 208 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2786 lm

Peak candela output:

10150 cd

Light quality:

CRI: 96,4

Color temperature:

4274 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x40° Filter

Target:

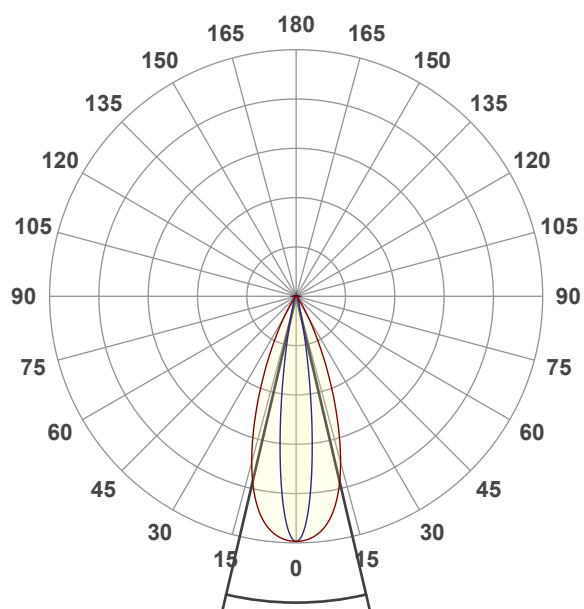
Full On

Operator:

Giuseppe della Peruta

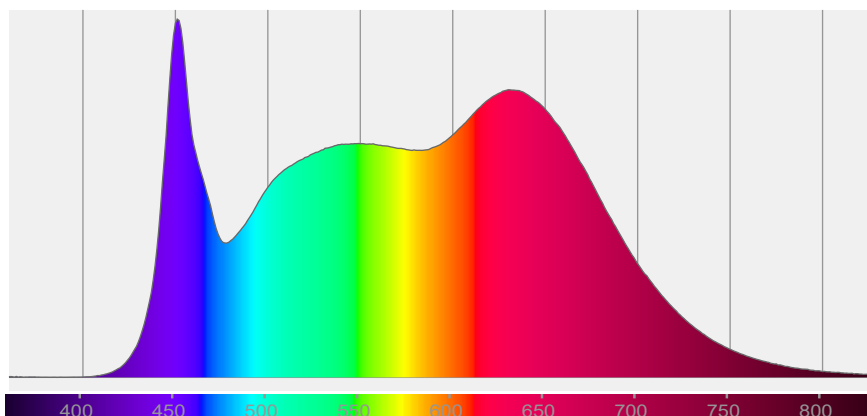
Date and time:

04/08/2025 18:05:46

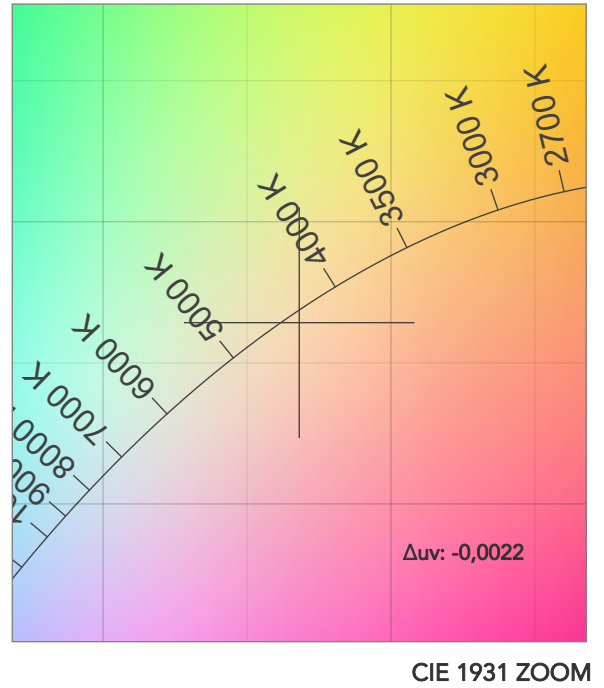
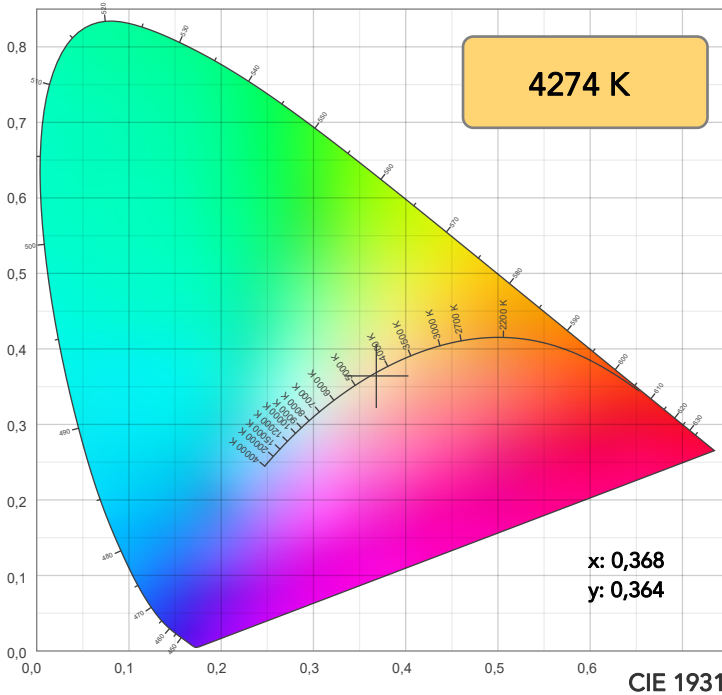


	Blue curve V	Red curve H
Beam angle 50%:	14,6°	38,2°
Field angle 10%:	27,3°	60,2°
Cut off angle 2.5%:	48,1°	75,8°

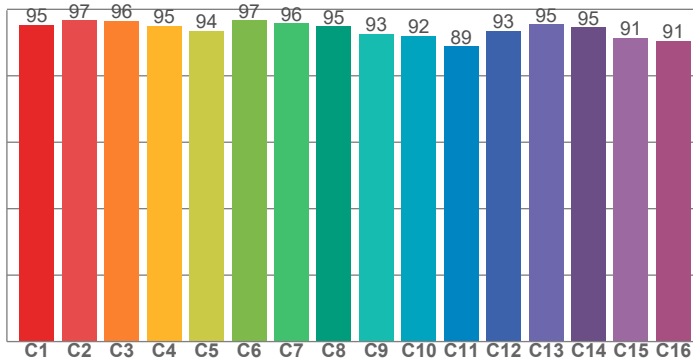
Spectra



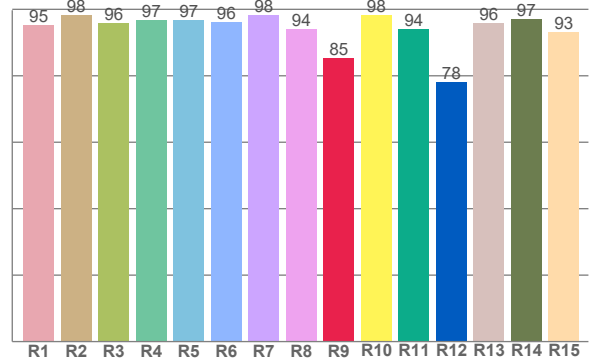
COLOR DETAILS



TM30: 93,8



CRI: 96,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,3	98,3	95,9	96,7	96,7	96,2	98,3	94,0	85,3	98,3	94,1	78,0	95,8	97,0	93,1

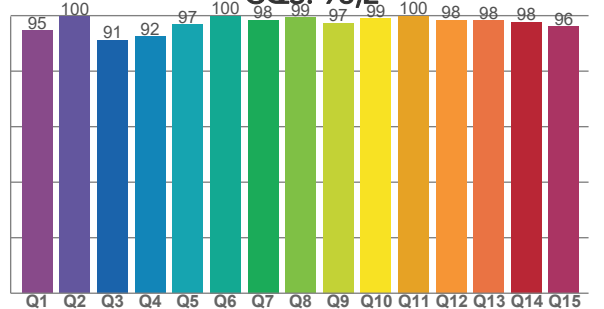
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,3	96,7	96,5	95,0	93,5	96,6	95,8	94,8	92,6	92,0	88,8	93,5	95,5	94,5	91,5	90,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,6	99,6	91,2	92,4	96,9	99,9	98,4	99,4	97,4	99,0	99,9	98,4	98,2	97,8	96,0

CQS: 96,2



COLOR PARAMETERS

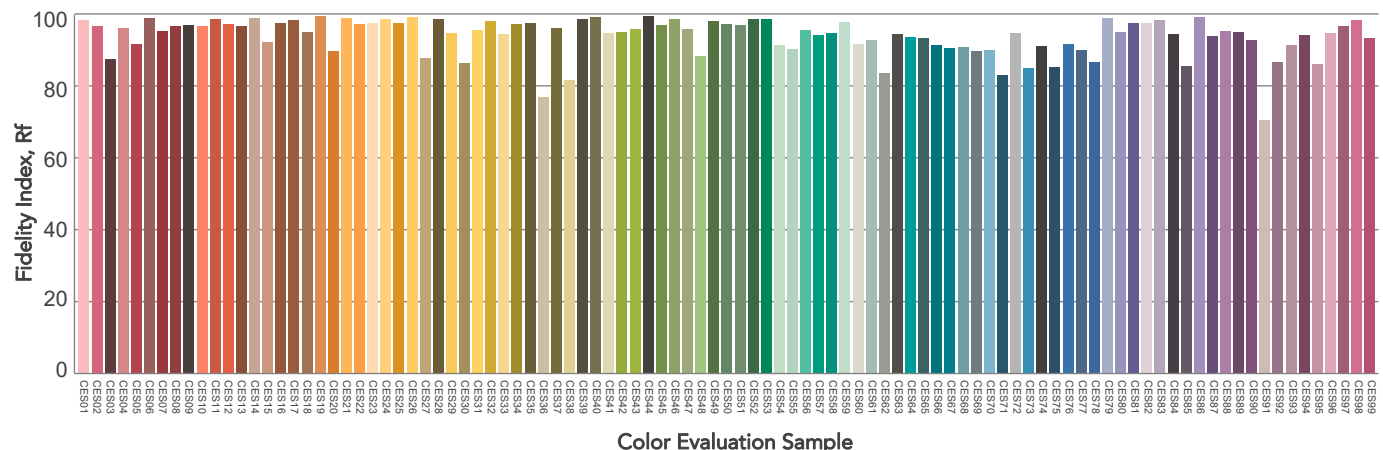
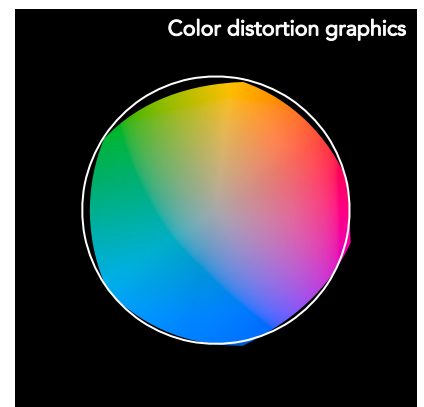
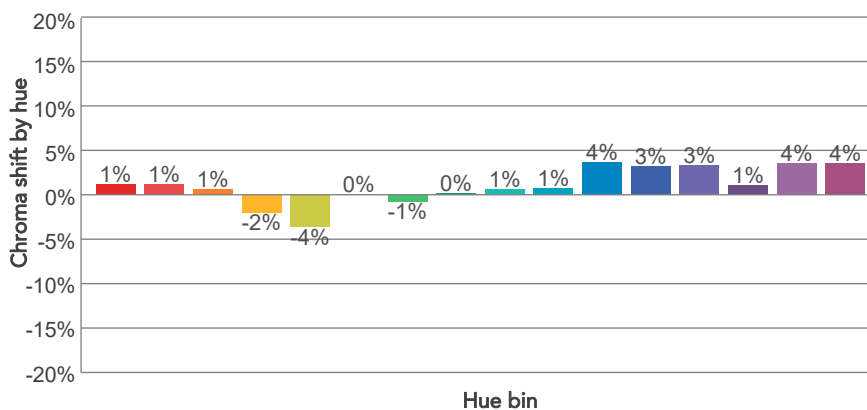
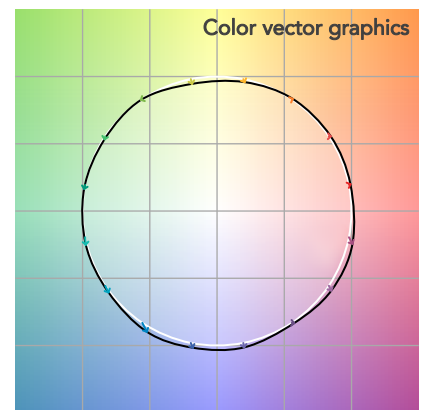
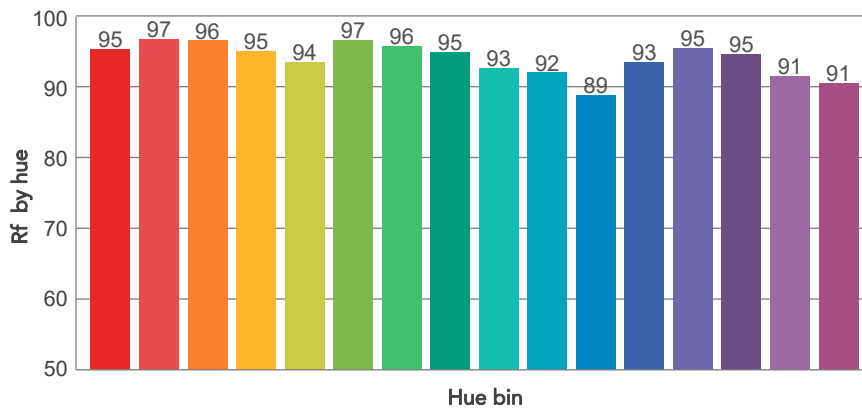
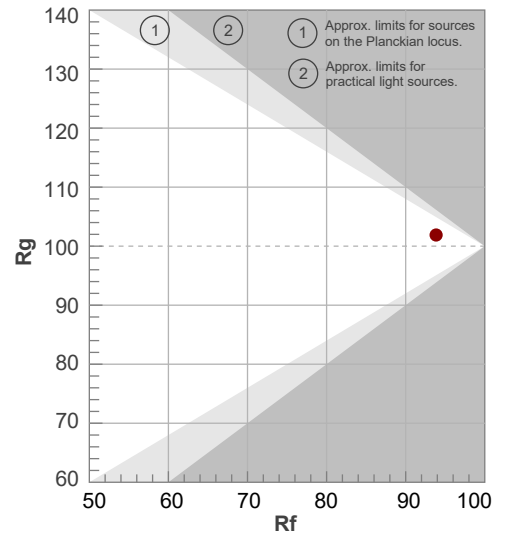
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4274 K	96,4	85,3	93,8	101,9	96,2	99	0,368	0,364	-0,0022

TM30 DETAILS

Rf 93,8
Fidelity index Rf

Rg 101,9
Gammut index

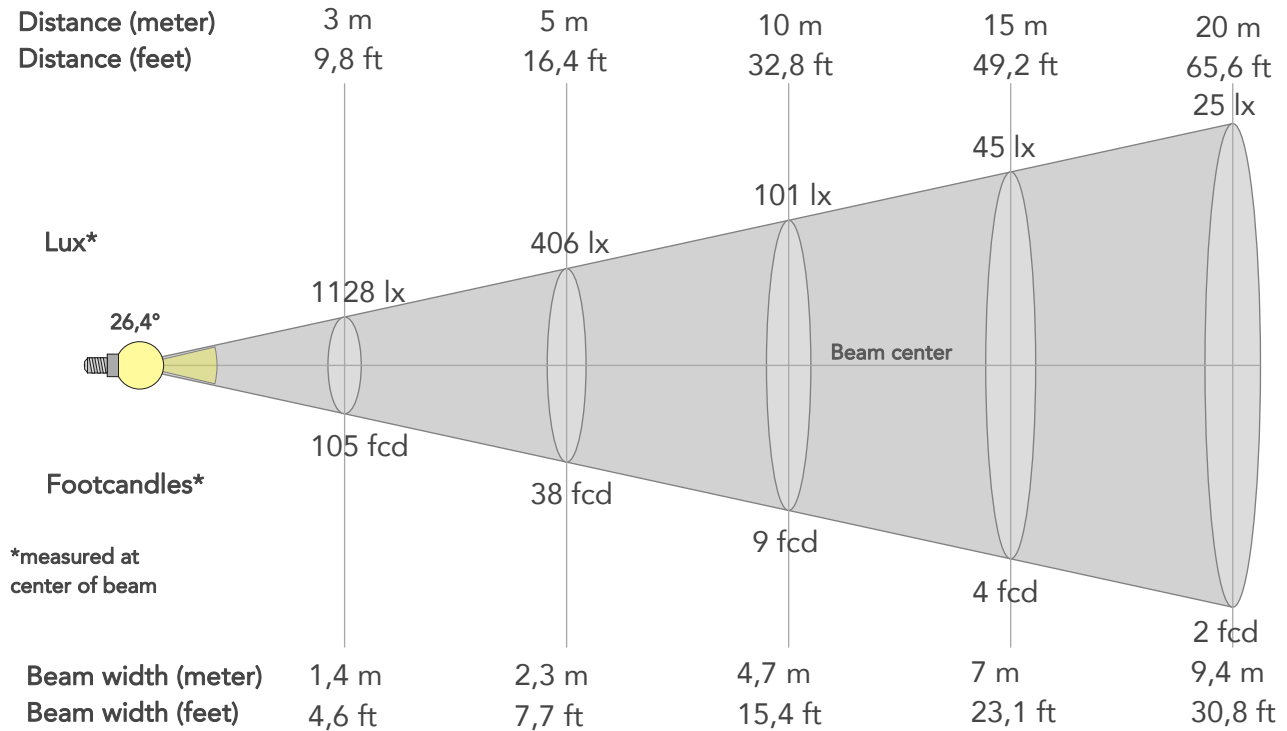
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	0%
2	97	1%	-1%
3	96	1%	0%
4	95	-2%	-1%
5	94	-4%	0%
6	97	0%	1%
7	96	-1%	2%
8	95	0%	3%
9	93	1%	6%
10	92	1%	5%
11	89	4%	6%
12	93	3%	2%
13	95	3%	0%
14	95	1%	1%
15	91	4%	-2%
16	91	4%	-4%



BEAM DETAILS



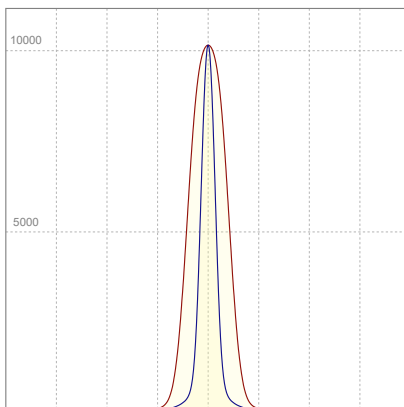
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26,4°	43,7°	62°	98,3%	95,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	10148lx	2537lx	1128lx	634lx	406lx	180lx	101lx	45lx	25lx	16lx	11lx	6lx	4lx
Footcand.	943fcd	236fcd	105fcd	59fcd	38fcd	17fcd	9fcd	4fcd	2fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	0,9m	1,4m	1,9m	2,3m	3,5m	4,7m	7m	9,4m	11,7m	14,1m	18,8m	23,5m
Beam wid.	1,5ft	3,1ft	4,6ft	6,1ft	7,7ft	11,5ft	15,4ft	23,1ft	30,8ft	38,5ft	46,2ft	61,6ft	77ft

LINEAR DISTRIBUTION DIAGRAM

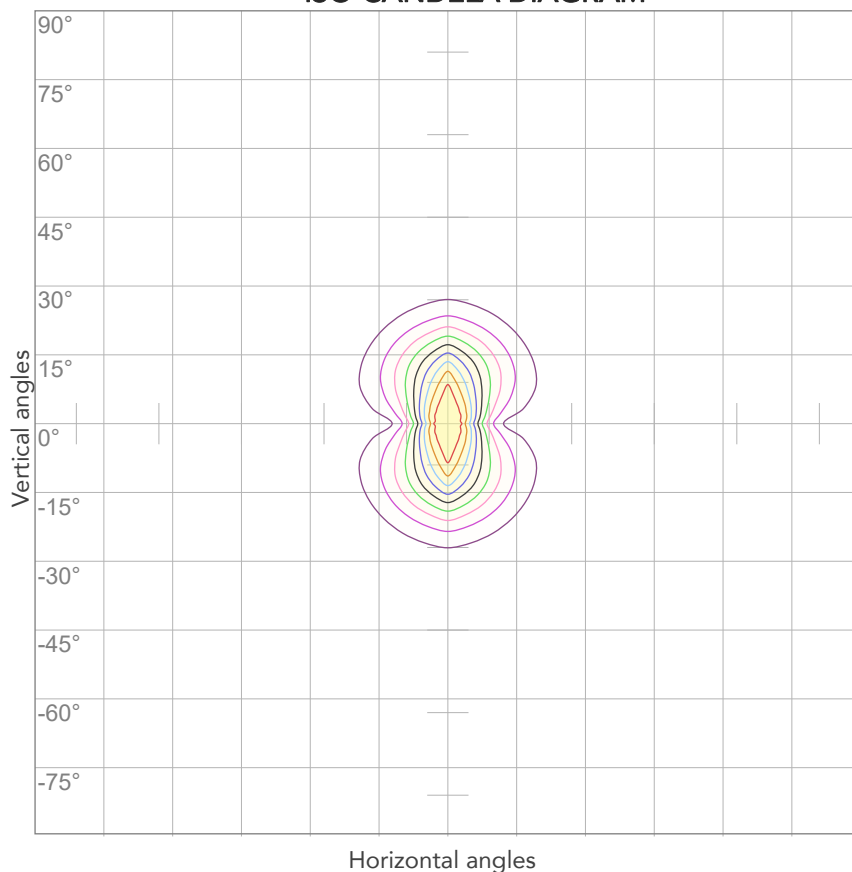


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,240A	51,2W	0,93	54lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



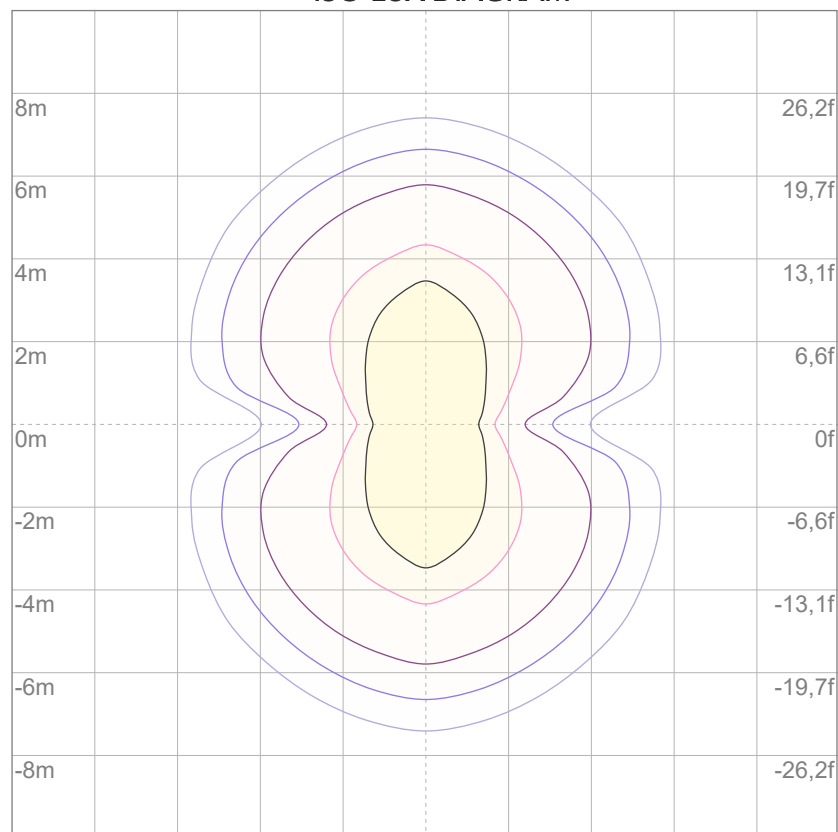
10%	1015 cd
20%	2030 cd
30%	3045 cd
40%	4059 cd
50%	5074 cd
60%	6089 cd
70%	7104 cd
80%	8119 cd

Conditions:

Number of c-planes: 4

Candela at center: 10148 cd

ISO LUX DIAGRAM



3%	3,04 lx
5%	5,07 lx
10%	10,1 lx
30%	30,4 lx
50%	50,7 lx

Conditions:

Number of c-planes: 4

Lux at center: 101 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

4153 lm

Peak candela output:

8266 cd

Light quality:

CRI: 96,8

Color temperature:

4261 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x60° Filter

Target:

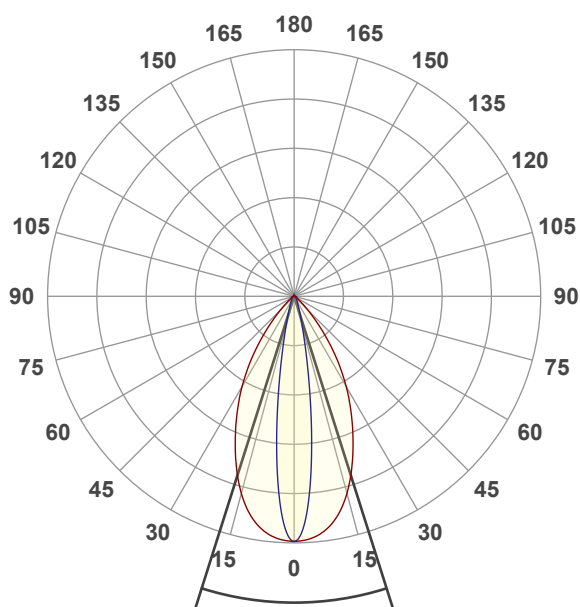
Full On

Operator:

Giuseppe della Peruta

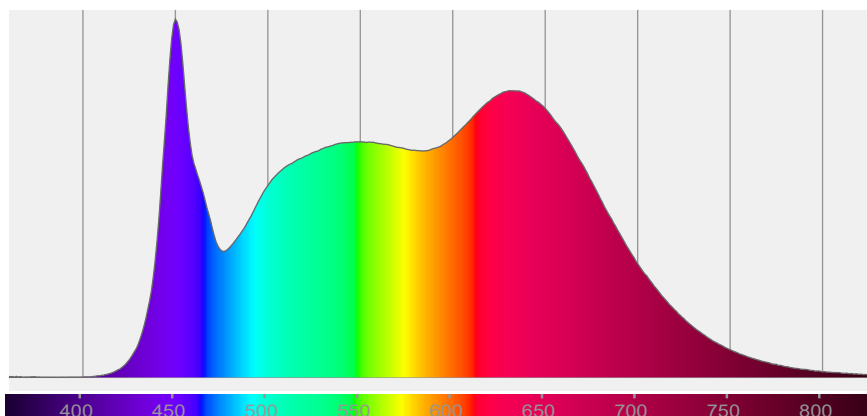
Date and time:

05/08/2025 09:21:15

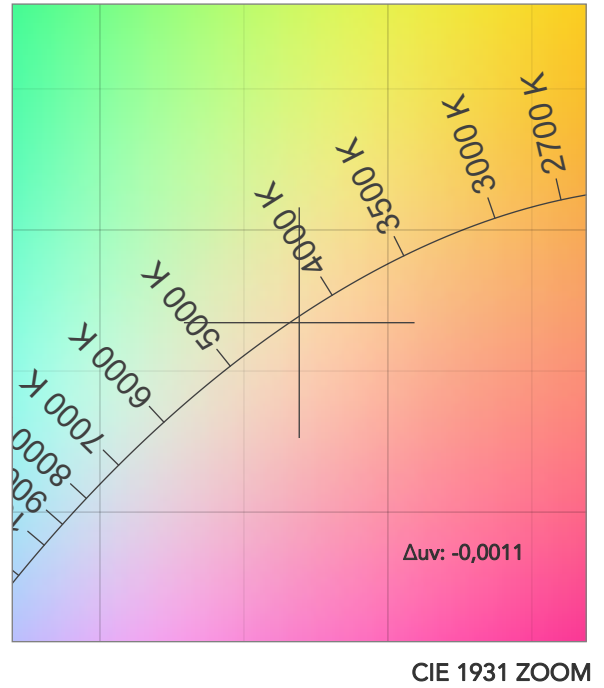
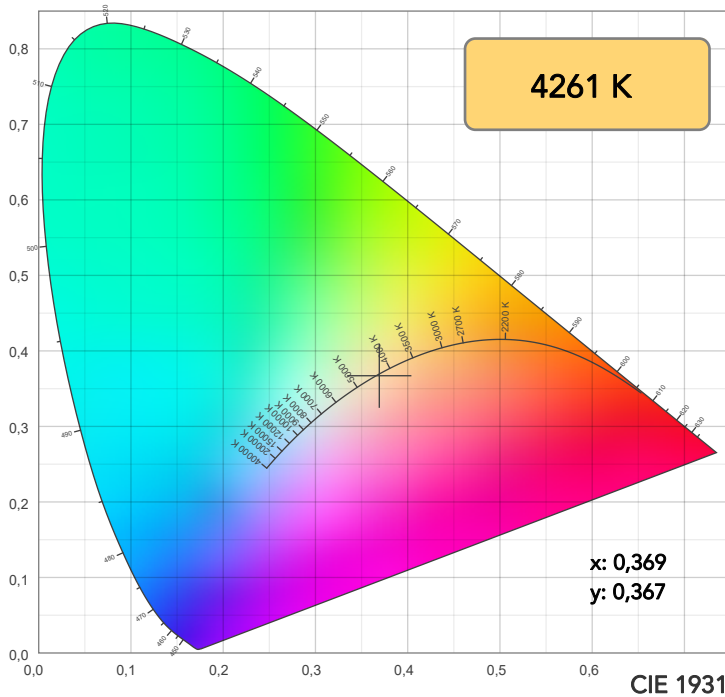


	Blue curve V	Red curve H
Beam angle 50%:	16°	54,3°
Field angle 10%:	33,1°	86,9°
Cut off angle 2.5%:	60,5°	105,2°

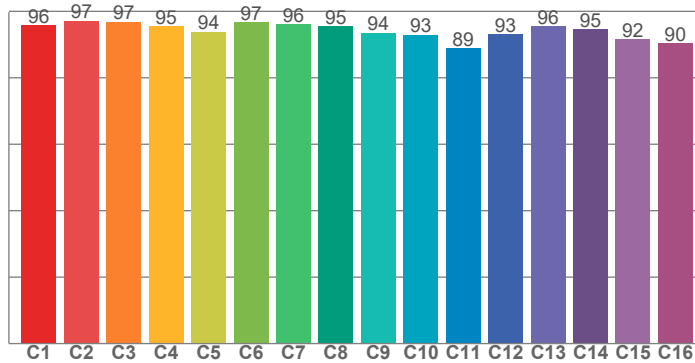
Spectra



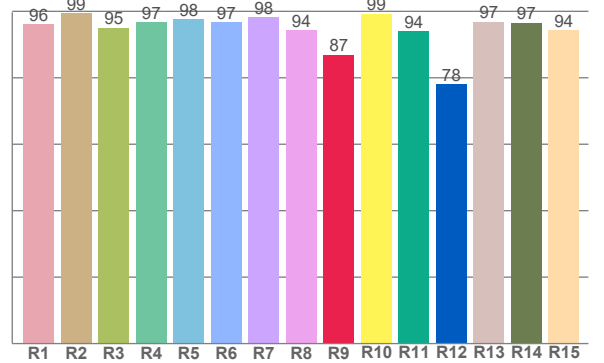
COLOR DETAILS



TM30: 94,1



CRI: 96,8 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,2	99,4	95,1	96,8	97,7	96,6	98,1	94,3	86,9	99,3	94,1	78,1	96,9	96,6	94,2

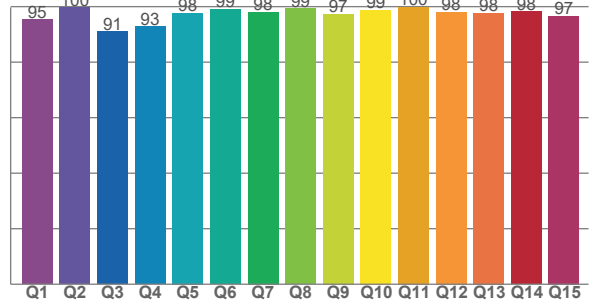
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,7	97,1	96,8	95,4	93,8	96,7	96,1	95,4	93,6	93,0	88,9	93,1	95,5	94,6	91,6	90,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,3	99,7	91,1	92,8	97,6	99,1	98,1	99,3	97,3	98,8	99,8	98,1	97,7	98,2	96,6

CQS: 96,4



COLOR PARAMETERS

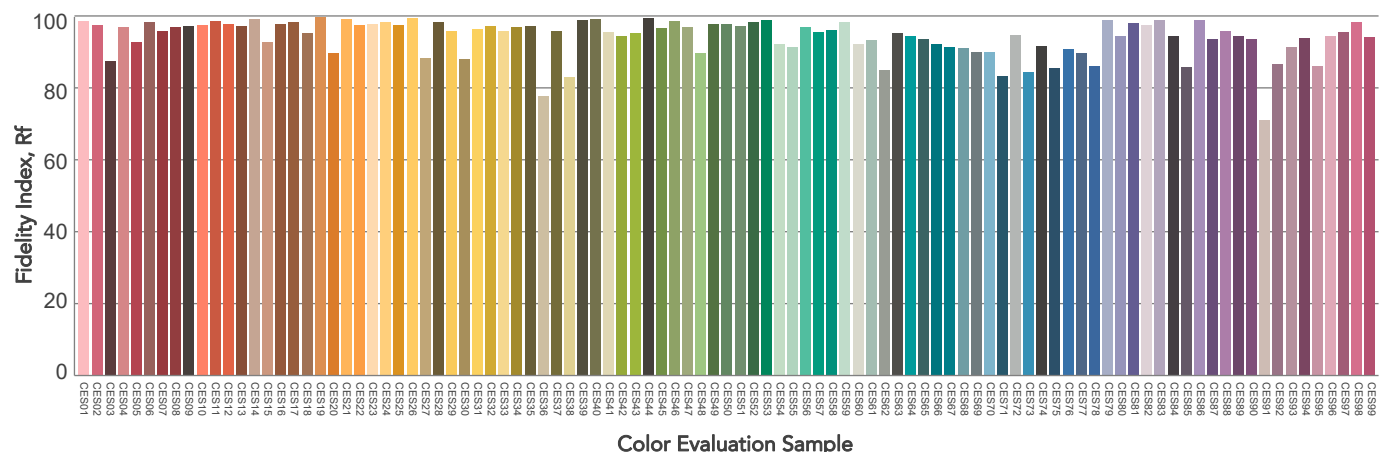
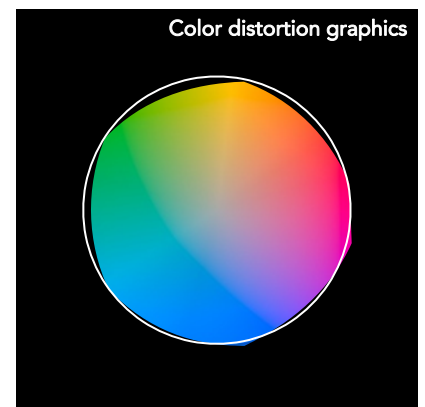
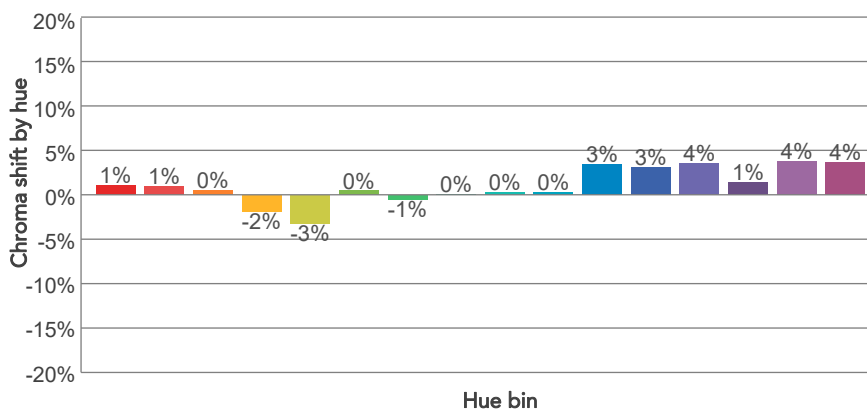
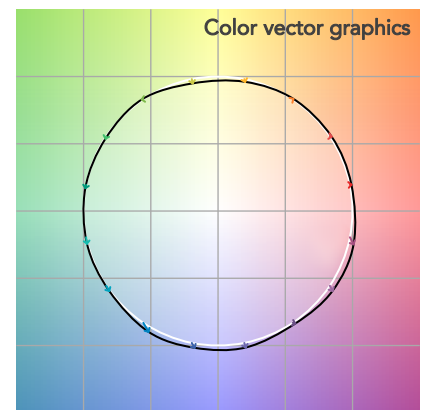
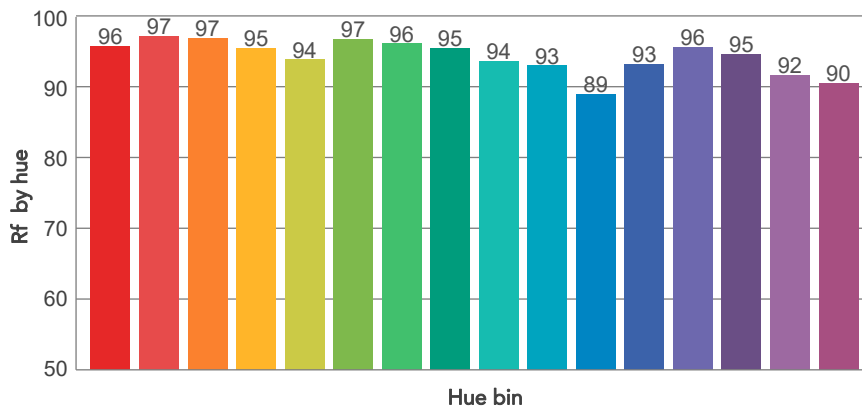
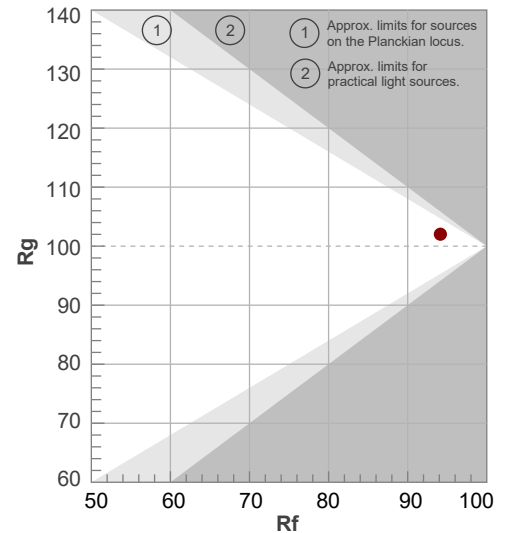
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4261 K	96,8	86,9	94,1	102,0	96,4	99	0,369	0,367	-0,0011

TM30 DETAILS

Rf 94,1
Fidelity index Rf

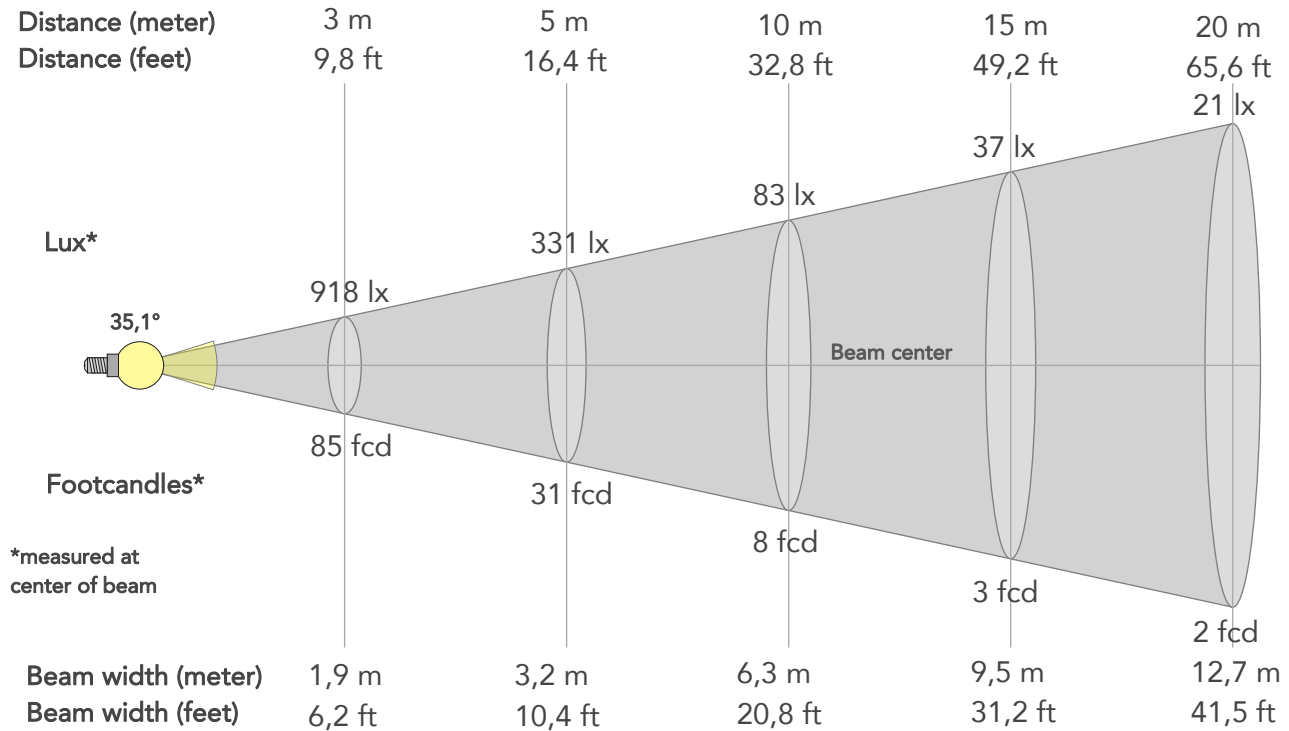
Rg 102,0
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	97	0%	0%
4	95	-2%	-1%
5	94	-3%	0%
6	97	0%	1%
7	96	-1%	2%
8	95	0%	3%
9	94	0%	5%
10	93	0%	4%
11	89	3%	7%
12	93	3%	3%
13	96	4%	0%
14	95	1%	1%
15	92	4%	-2%
16	90	4%	-5%



BEAM DETAILS

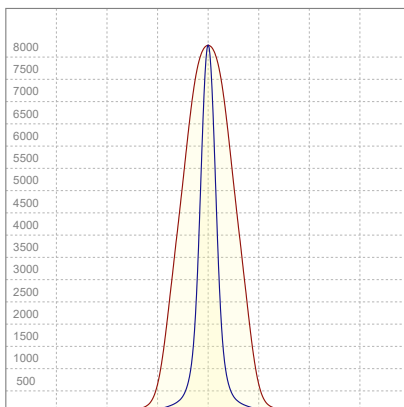
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35,1°	60°	82,9°	97,8%	92,8%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	8265lx	2066lx	918lx	517lx	331lx	147lx	83lx	37lx	21lx	13lx	9lx	5lx	3lx
Footcand.	768fcd	192fcd	85fcd	48fcd	31fcd	14fcd	8fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,7m	6,3m	9,5m	12,7m	15,8m	19m	25,3m	31,7m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,4ft	15,6ft	20,8ft	31,2ft	41,5ft	51,9ft	62,3ft	83,1ft	103,8ft

LINEAR DISTRIBUTION DIAGRAM

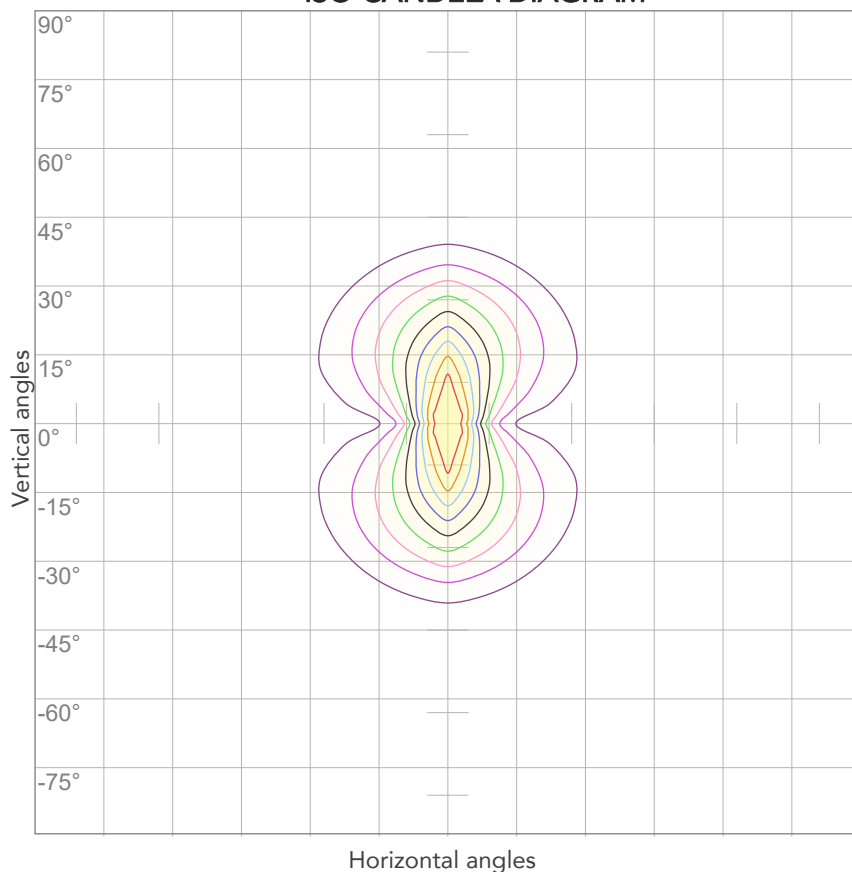


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
229V	0,286A	62,5W	0,95	66lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



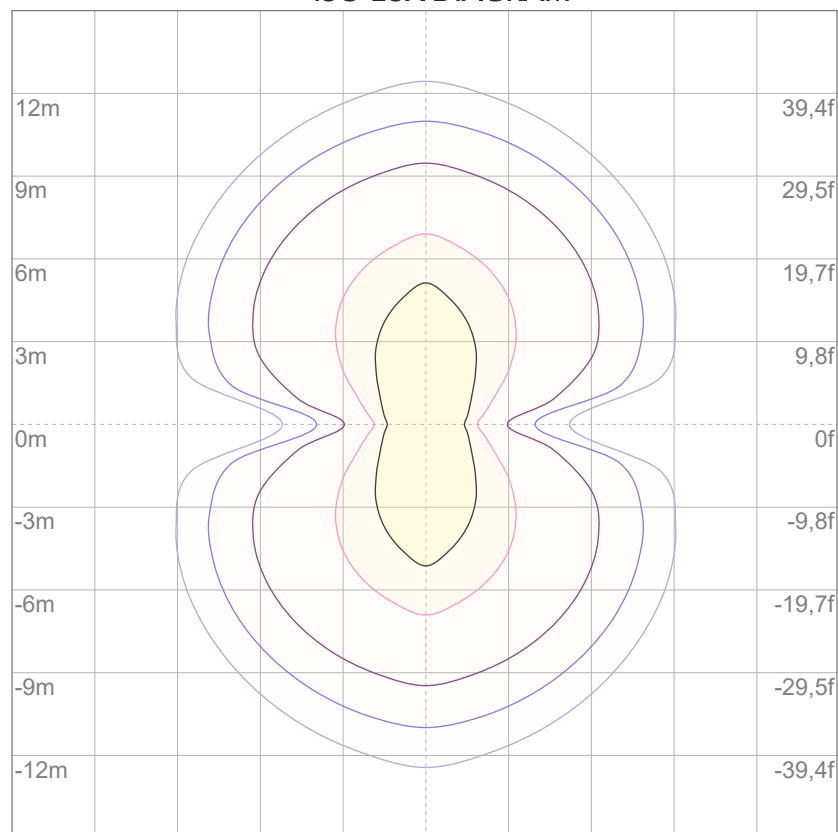
10%	826 cd
20%	1653 cd
30%	2479 cd
40%	3306 cd
50%	4132 cd
60%	4959 cd
70%	5785 cd
80%	6612 cd

Conditions:

Number of c-planes: 4

Candela at center: 8265 cd

ISO LUX DIAGRAM



3%	2,48 lx
5%	4,13 lx
10%	8,26 lx
30%	24,8 lx
50%	41,3 lx

Conditions:

Number of c-planes: 4

Lux at center: 82,6 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2732 lm

Peak candela output:

3829 cd

Light quality:

CRI: 96,4

Color temperature:

4296 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
30°x60° Filter

Target:

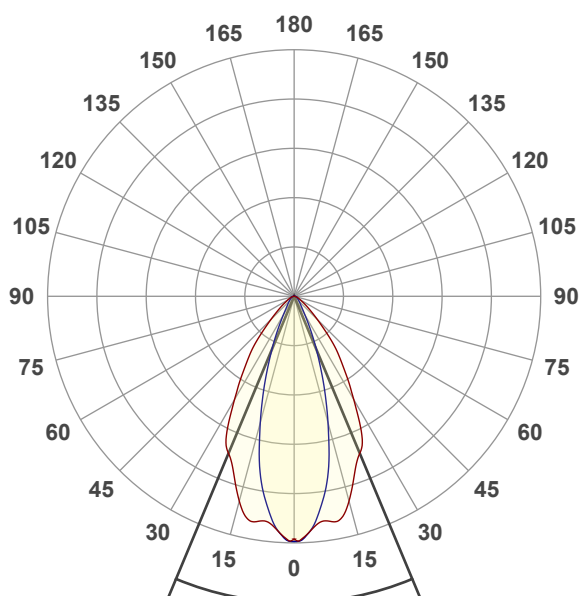
Full

Operator:

Giuseppe della Peruta

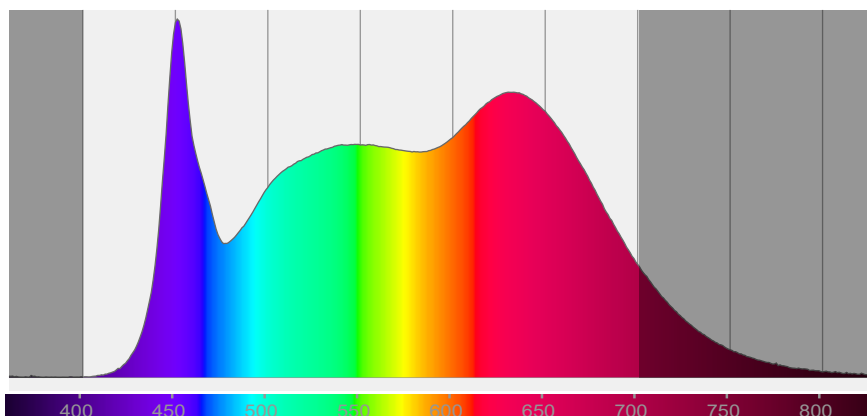
Date and time:

05/08/2025 15:39:51

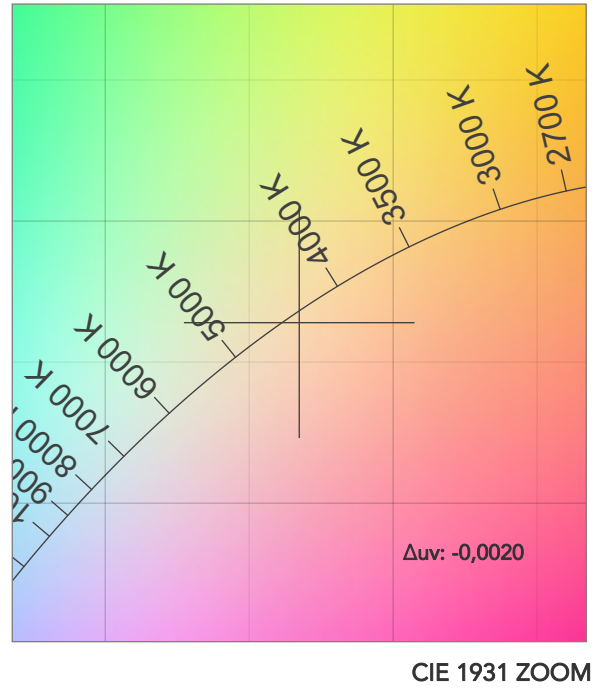
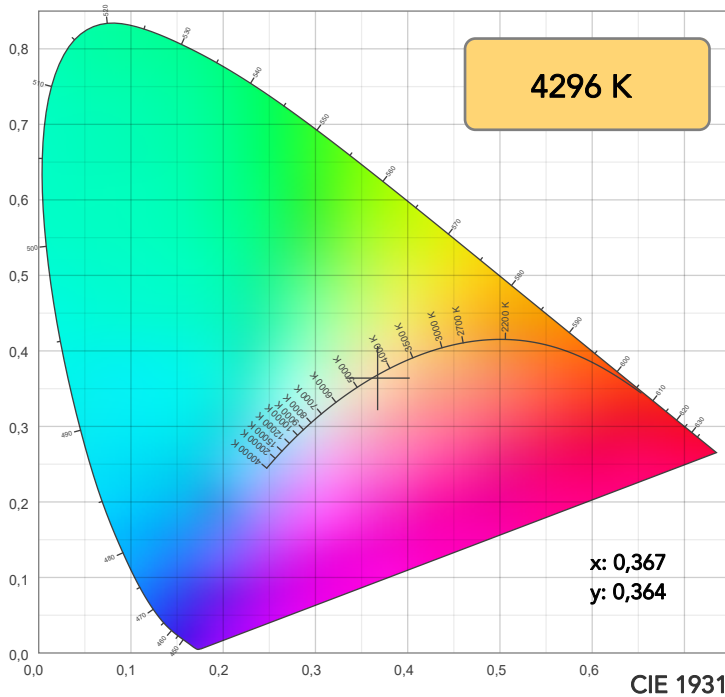


	Blue curve V	Red curve H
Beam angle 50%:	31,5°	59,2°
Field angle 10%:	58,2°	95,3°
Cut off angle 2.5%:	95,6°	124,7°

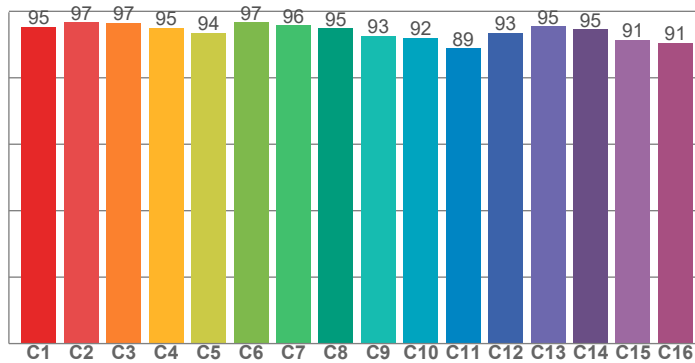
Spectra



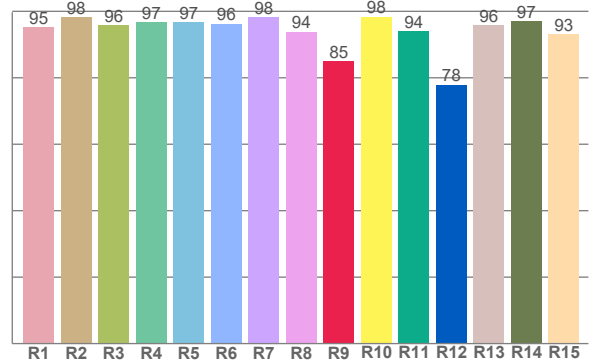
COLOR DETAILS



TM30: 93,9



CRI: 96,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,3	98,4	95,9	96,7	96,7	96,3	98,3	93,9	85,1	98,4	94,1	77,9	95,9	97,0	93,1

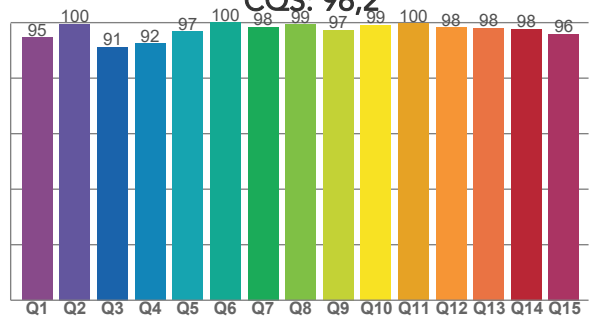
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,3	96,7	96,5	95,0	93,5	96,6	95,8	94,9	92,7	92,0	88,8	93,5	95,5	94,5	91,5	90,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,6	99,6	91,2	92,5	96,9	100,0	98,5	99,3	97,4	99,1	99,8	98,3	98,0	97,8	96,0

CQS: 96,2



COLOR PARAMETERS

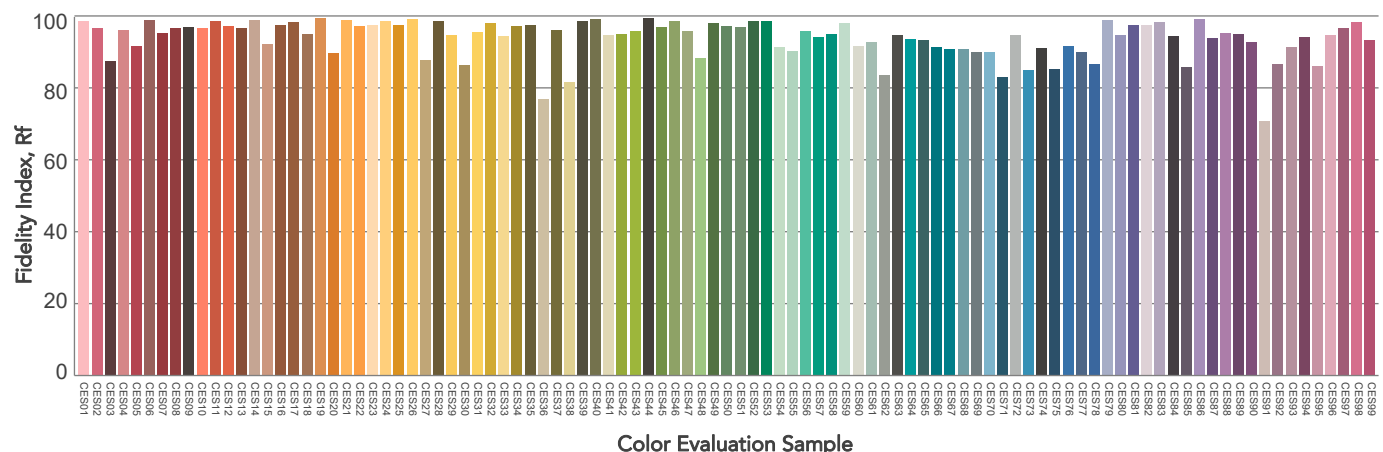
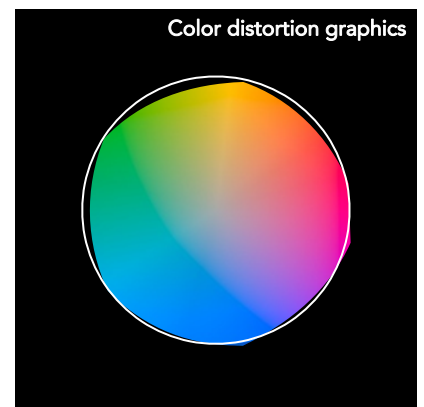
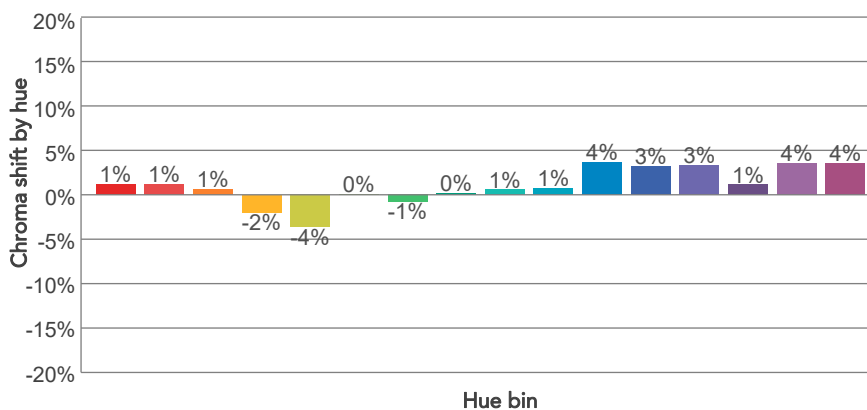
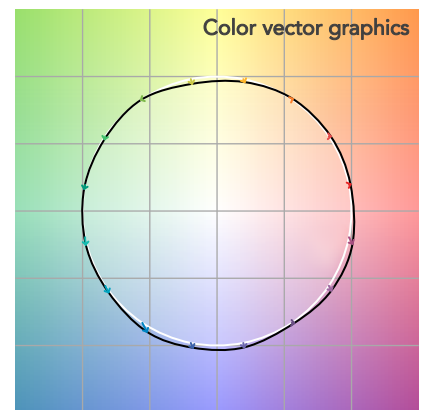
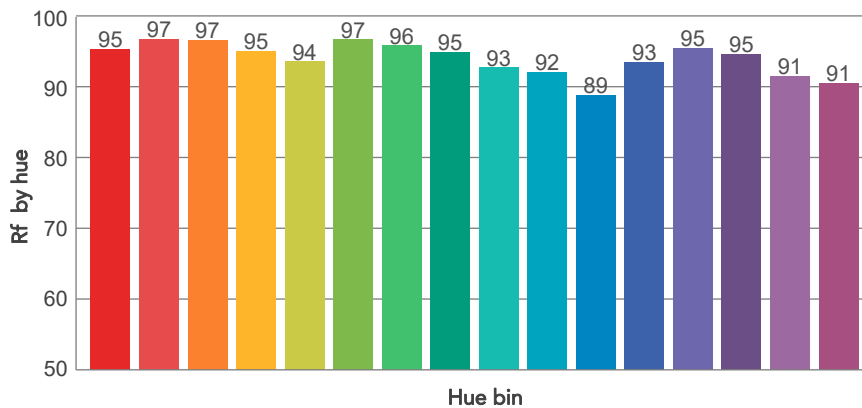
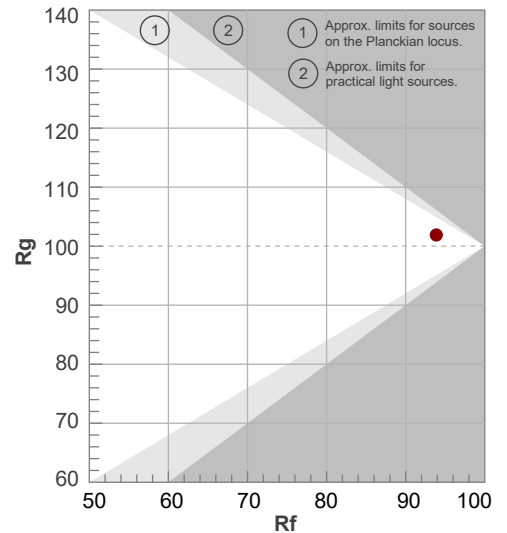
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4296 K	96,4	85,1	93,9	101,9	96,2	99	0,367	0,364	-0,0020

TM30 DETAILS

Rf 93,9
Fidelity index Rf

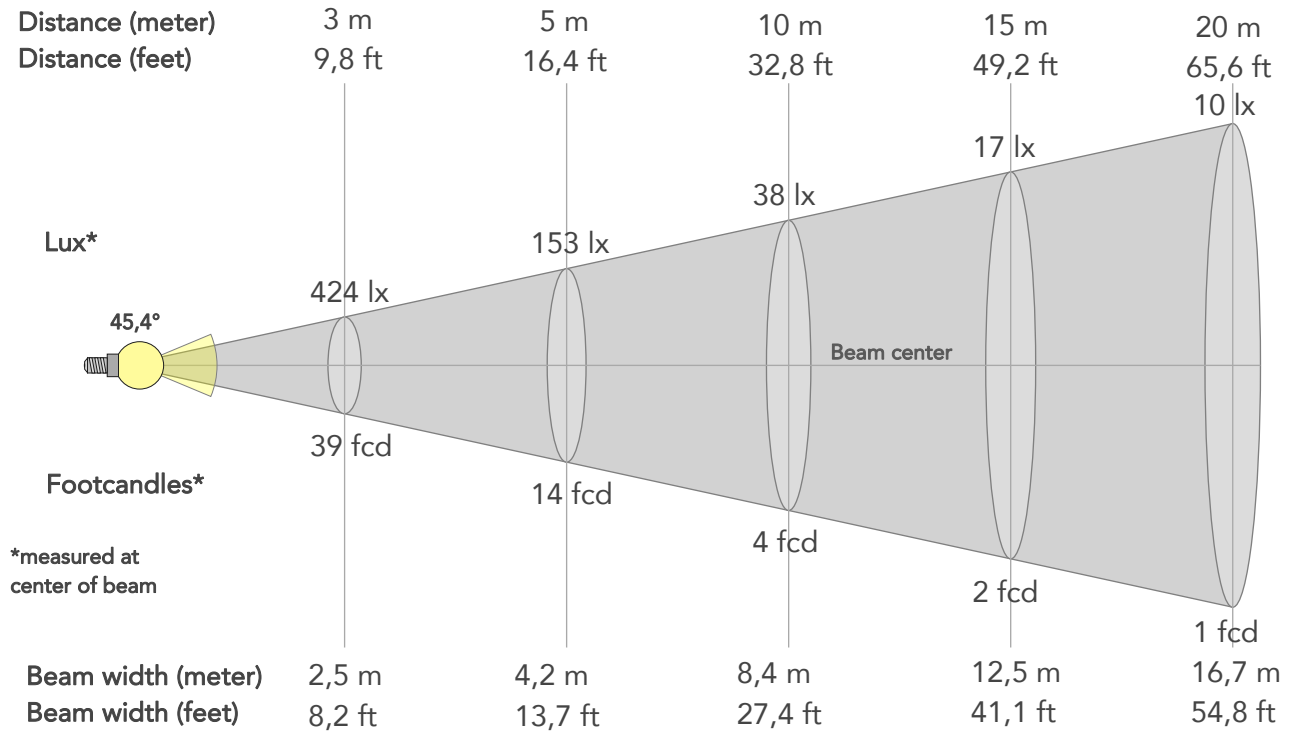
Rg 101,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	0%
2	97	1%	-1%
3	97	1%	0%
4	95	-2%	-1%
5	94	-4%	0%
6	97	0%	1%
7	96	-1%	2%
8	95	0%	3%
9	93	1%	6%
10	92	1%	5%
11	89	4%	6%
12	93	3%	2%
13	95	3%	0%
14	95	1%	1%
15	91	4%	-2%
16	91	4%	-4%



BEAM DETAILS

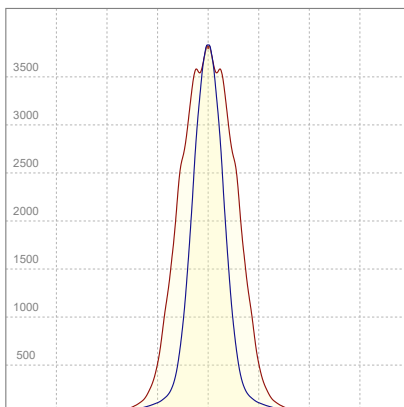
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,4°	76,8°	110,2°	96,4%	88,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	3813lx	953lx	424lx	238lx	153lx	68lx	38lx	17lx	10lx	6lx	4lx	2lx	2lx
Footcand.	354fcd	89fcd	39fcd	22fcd	14fcd	6fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,3m	4,2m	6,3m	8,4m	12,5m	16,7m	20,9m	25,1m	33,4m	41,8m
Beam wid.	2,8ft	5,5ft	8,2ft	11ft	13,7ft	20,6ft	27,4ft	41,1ft	54,8ft	68,5ft	82,3ft	109,7ft	137,1ft

LINEAR DISTRIBUTION DIAGRAM

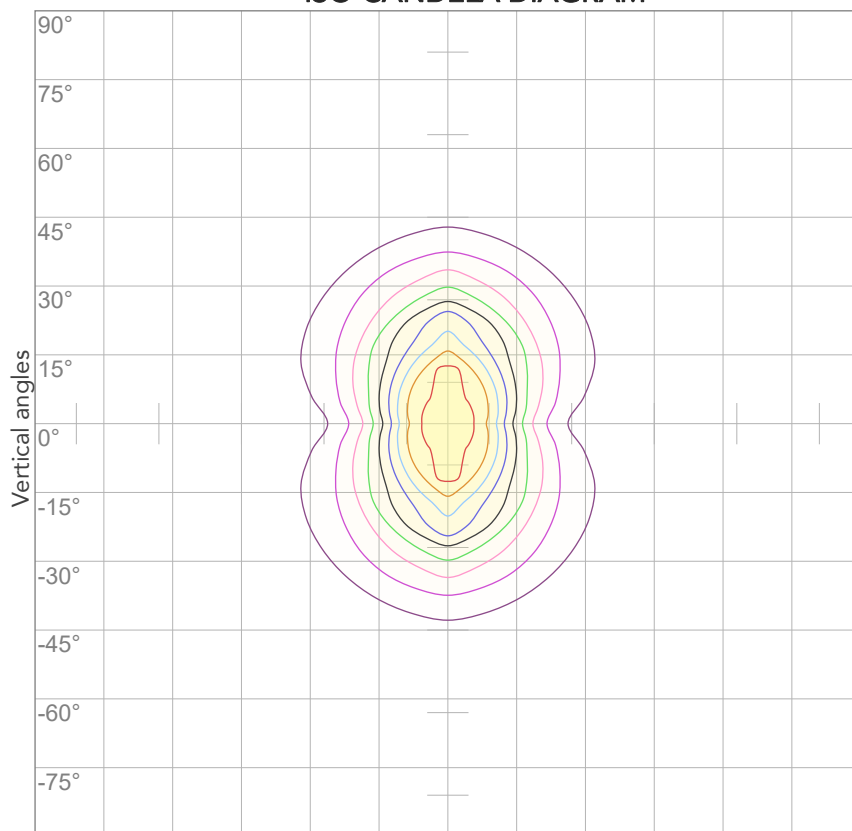


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,279A	60,5W	0,95	45lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



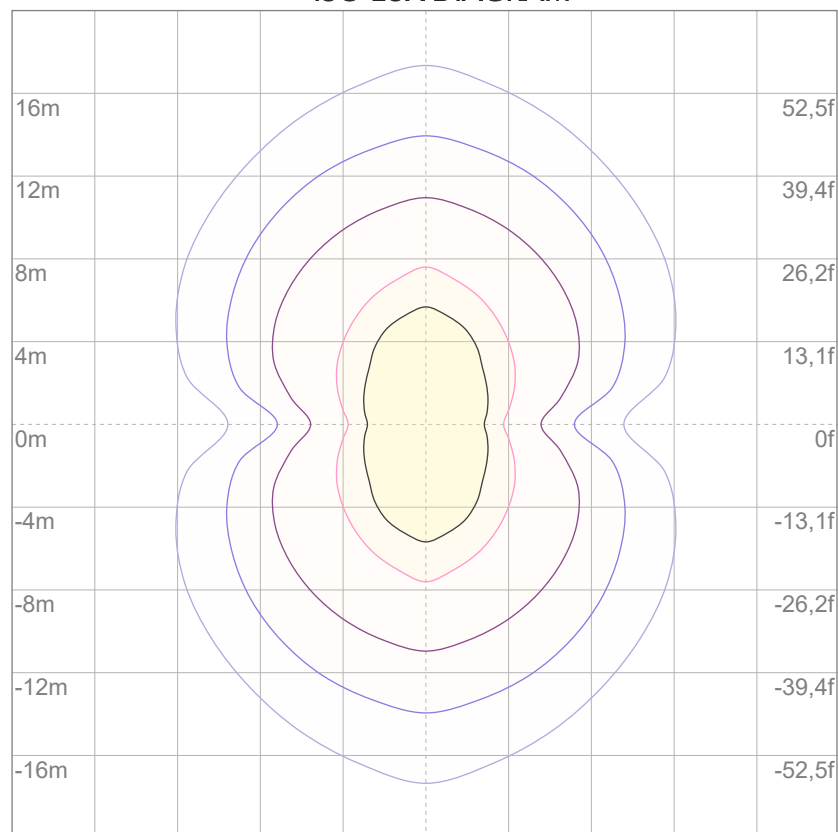
10%	381 cd
20%	763 cd
30%	1144 cd
40%	1525 cd
50%	1907 cd
60%	2288 cd
70%	2669 cd
80%	3051 cd

Conditions:

Number of c-planes: 4

Candela at center: 3813 cd

ISO LUX DIAGRAM



3%	1,14 lx
5%	1,91 lx
10%	3,81 lx
30%	11,4 lx
50%	19,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 38,1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2345 lm

Peak candela output:

32531 cd

Light quality:

CRI: 97,6

Color temperature:

2549 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Narrow Lens

Target:

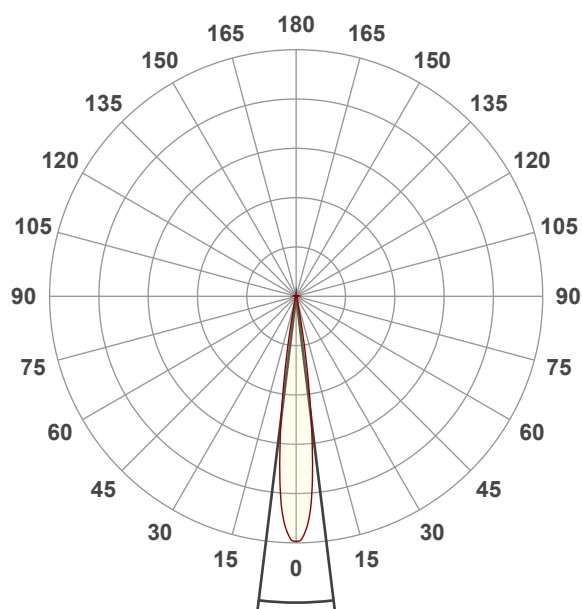
Warm White

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 12:40:31

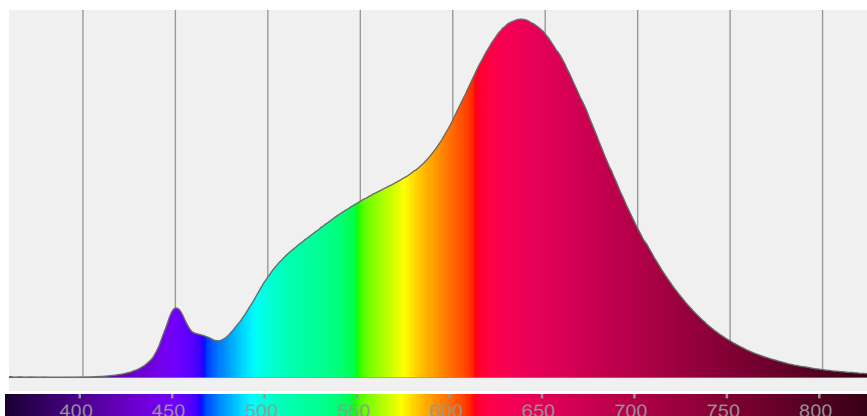


Beam angle 50%: 14°

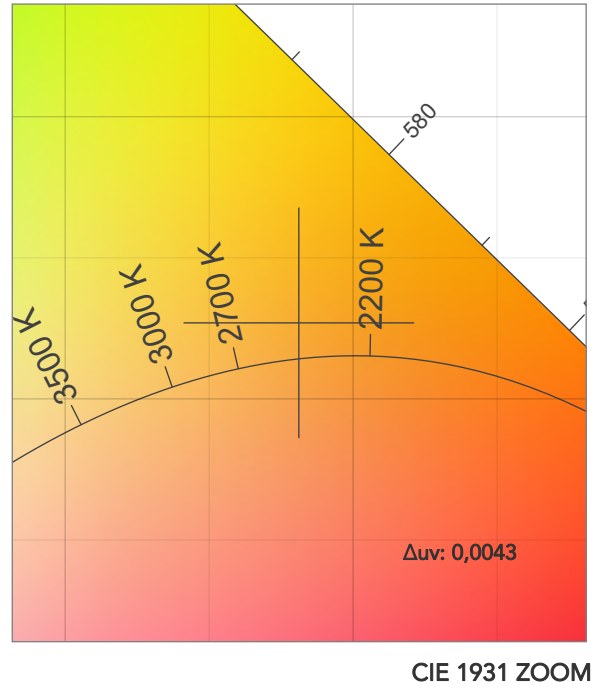
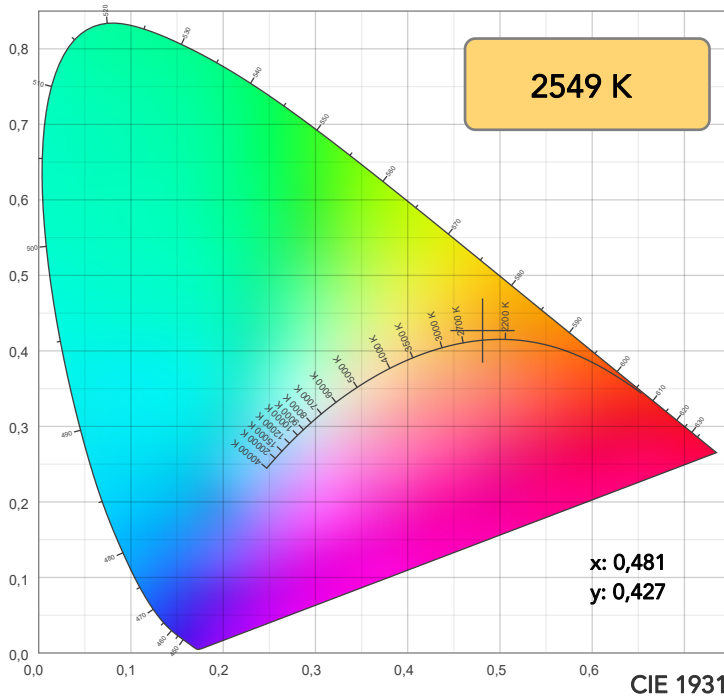
Field angle 10%: 21,8°

Cut off angle 2.5%: 30,6°

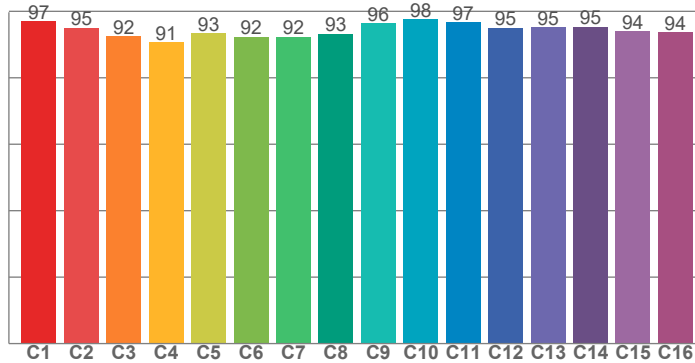
Spectra



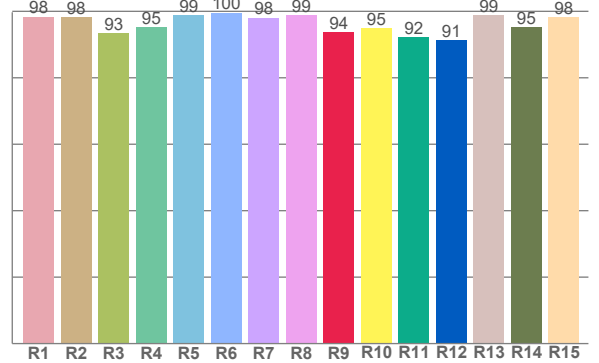
COLOR DETAILS



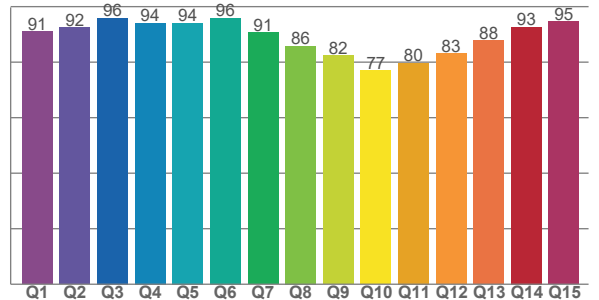
TM30: 94,5



CRI: 97,6 (R1-R8)



CQS: 87,1



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,4	98,2	93,4	95,3	99,0	99,6	98,1	98,7	93,8	95,0	92,1	91,2	98,8	95,2	98,1

TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,0	95,1	92,5	90,7	93,5	92,3	92,3	93,3	96,4	97,6	96,6	95,1	95,2	95,4	94,0	93,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,0	92,4	95,9	94,2	94,1	95,8	90,7	85,8	82,5	77,0	79,7	83,2	87,9	92,7	94,7

COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2549 K	97,6	93,8	94,5	97,7	87,1	97	0,481	0,427	0,0043

TM30 DETAILS

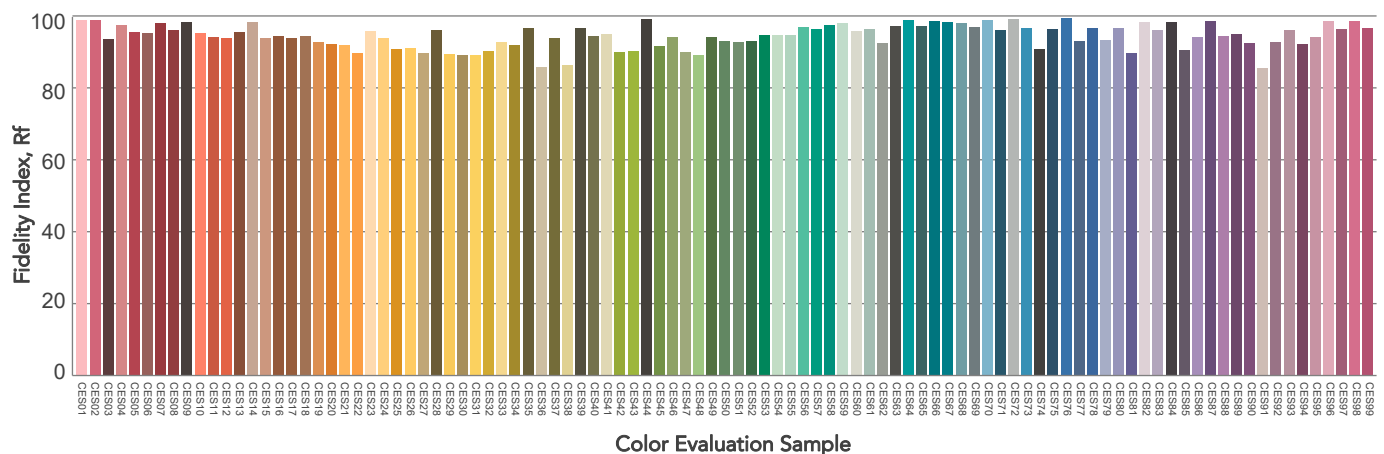
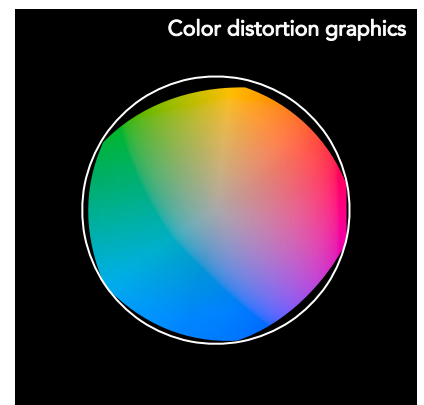
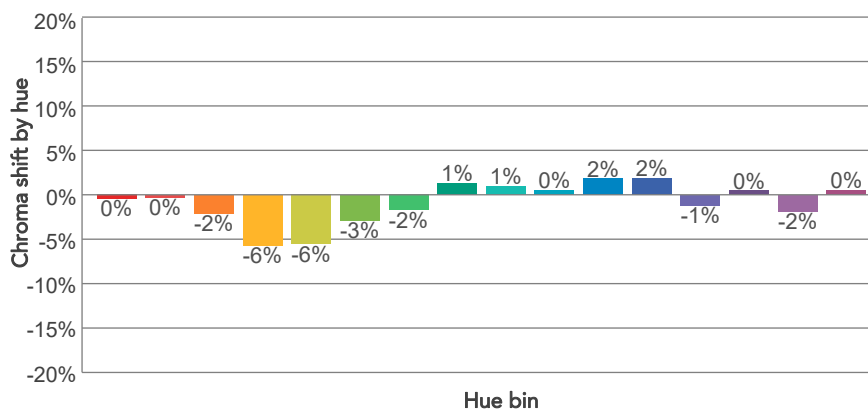
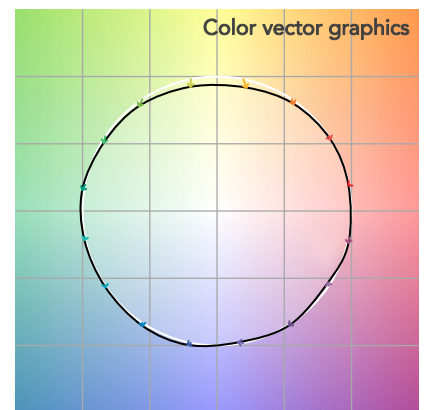
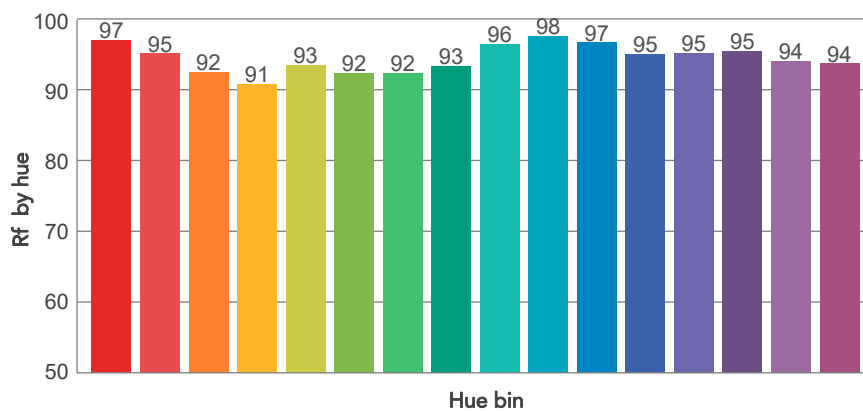
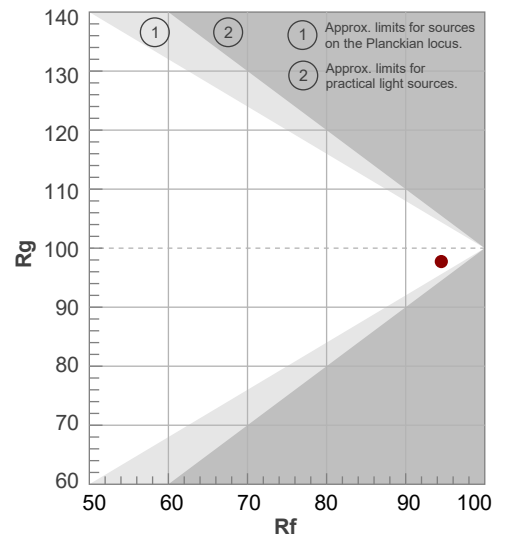
Rf 94,5

Fidelity index R_f

Rg 97,7

Gammut index

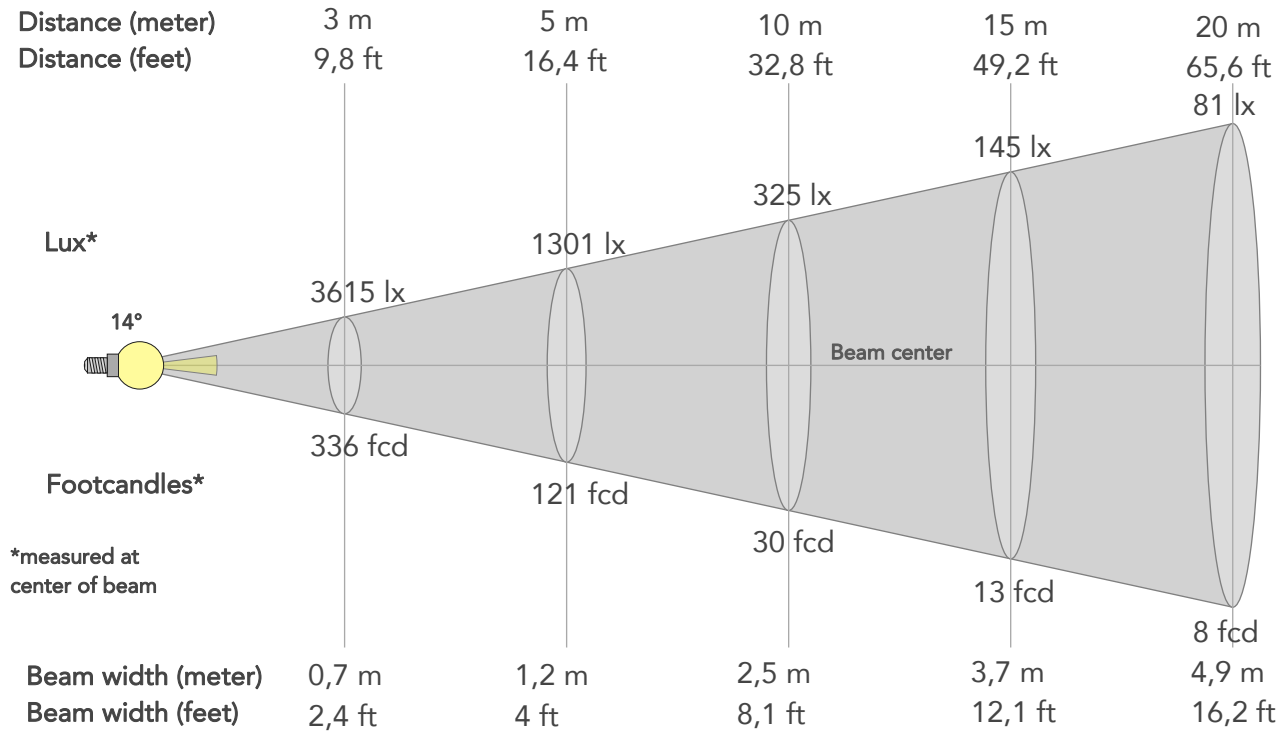
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	97	0%	0%
2	95	0%	-3%
3	92	-2%	-3%
4	91	-6%	-4%
5	93	-6%	1%
6	92	-3%	5%
7	92	-2%	5%
8	93	1%	4%
9	96	1%	2%
10	98	0%	1%
11	97	2%	1%
12	95	2%	-2%
13	95	-1%	-4%
14	95	0%	-3%
15	94	-2%	2%
16	94	0%	-4%



BEAM DETAILS



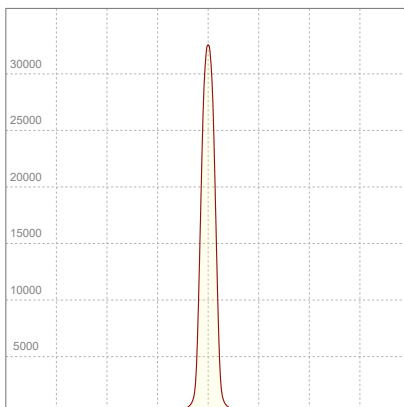
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14°	21,8°	30,6°	97,6%	94,5%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	32531lx	8133lx	3615lx	2033lx	1301lx	578lx	325lx	145lx	81lx	52lx	36lx	20lx	13lx
Footcand.	3022fcd	756fcd	336fcd	189fcd	121fcd	54fcd	30fcd	13fcd	8fcd	5fcd	3fcd	2fcd	1fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,5m	3,7m	4,9m	6,2m	7,4m	9,8m	12,3m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6,1ft	8,1ft	12,1ft	16,2ft	20,2ft	24,2ft	32,3ft	40,4ft

LINEAR DISTRIBUTION DIAGRAM

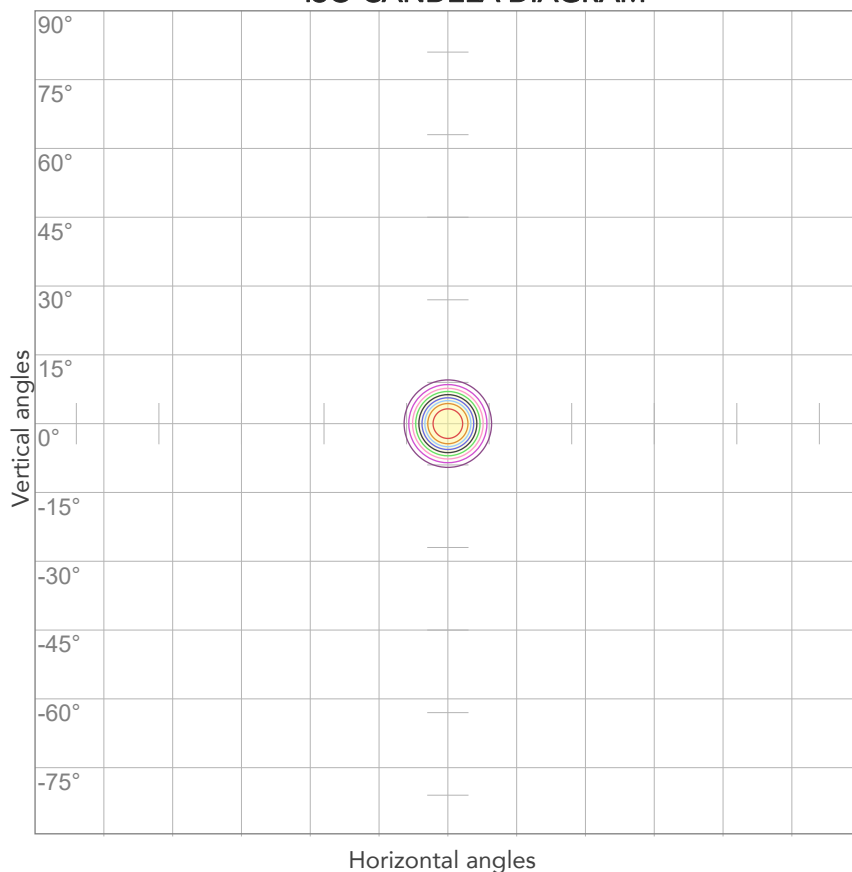


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,254A	54,6W	0,94	43lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



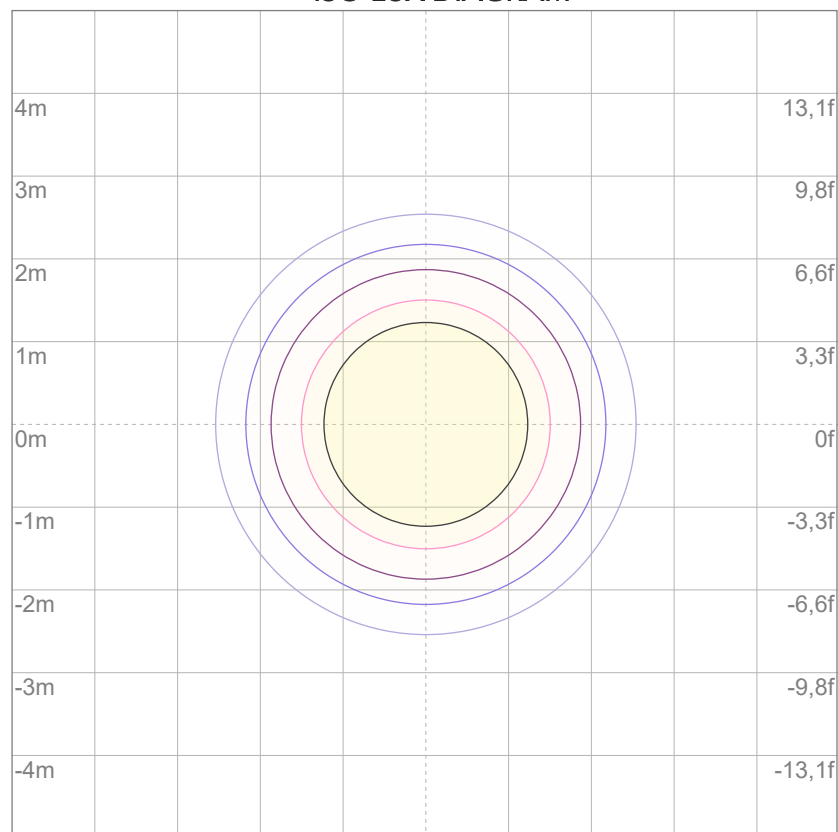
10%	3253 cd
20%	6506 cd
30%	9759 cd
40%	13012 cd
50%	16265 cd
60%	19519 cd
70%	22772 cd
80%	26025 cd

Conditions:

Number of c-planes: 2

Candela at center: 32531 cd

ISO LUX DIAGRAM



3%	9,76 lx
5%	16,3 lx
10%	32,5 lx
30%	97,6 lx
50%	163 lx

Conditions:

Number of c-planes: 2

Lux at center: 325 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2178 lm

Peak candela output:

7998 cd

Light quality:

CRI: 97,7

Color temperature:

2530 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Medium Lens

Target:

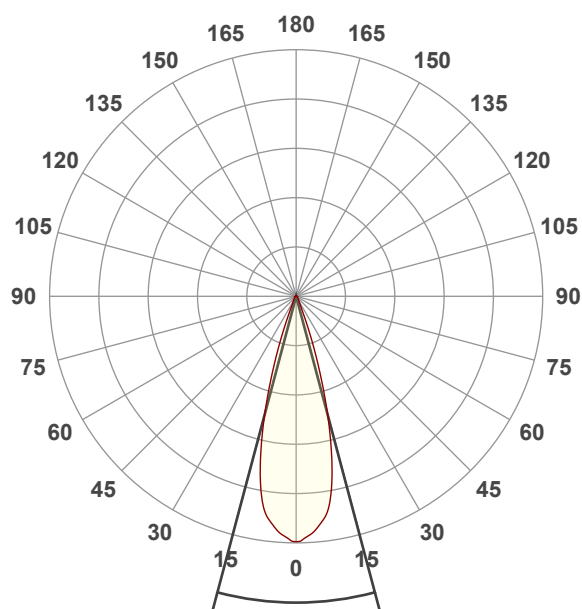
Warm White

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 16:41:48

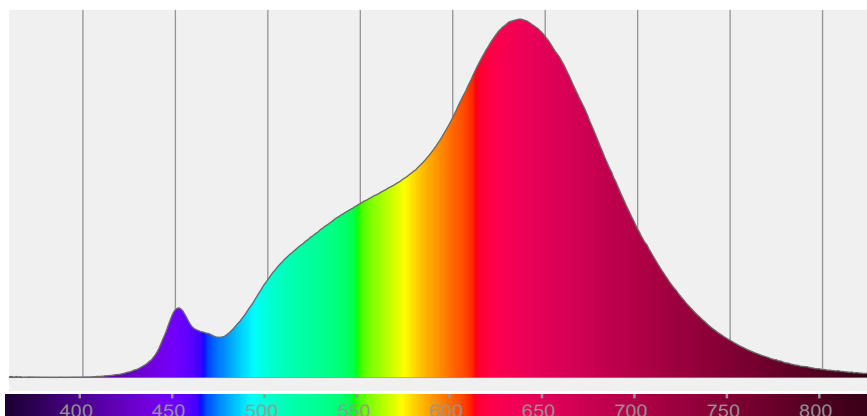


Beam angle 50%: 29,8°

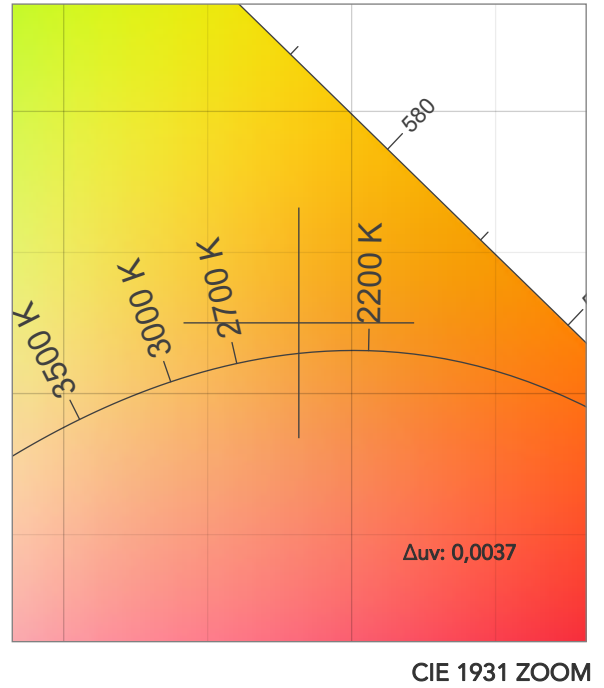
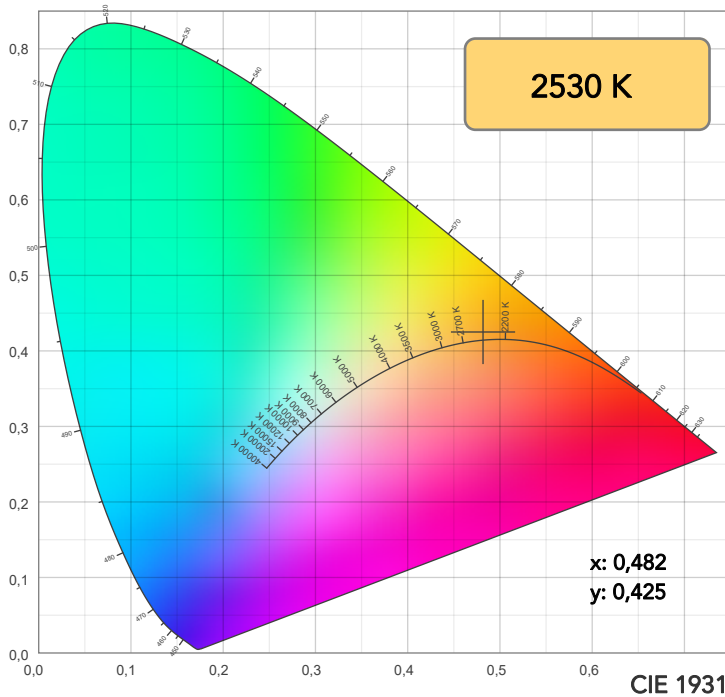
Field angle 10%: 43,3°

Cut off angle 2.5%: 59°

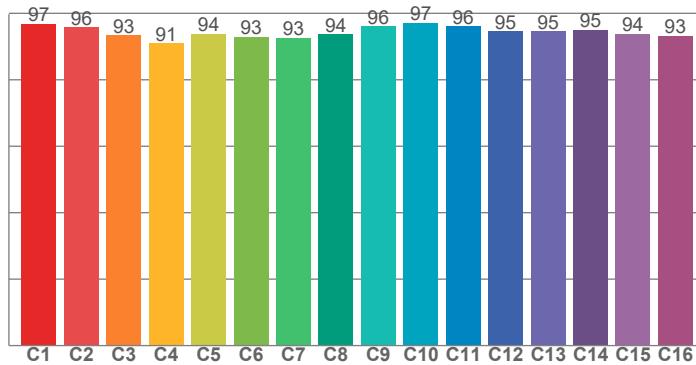
Spectra



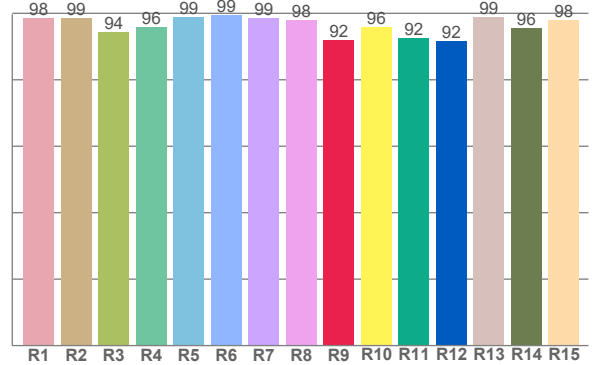
COLOR DETAILS



TM30: 94,5



CRI: 97,7 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,5	98,6	94,2	95,8	98,9	99,4	98,6	98,0	91,9	95,8	92,5	91,6	98,8	95,6	97,9

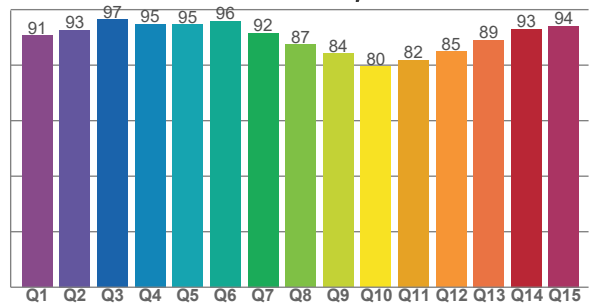
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,8	95,7	93,4	91,0	93,9	92,9	92,7	93,7	96,0	97,2	96,1	94,6	94,6	95,0	93,8	93,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,8	92,6	96,5	94,8	94,7	95,9	91,6	87,4	84,2	79,5	81,9	84,9	89,1	93,0	94,1

CQS: 88,3



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2530 K	97,7	91,9	94,5	97,9	88,3	97	0,482	0,425	0,0037

TM30 DETAILS

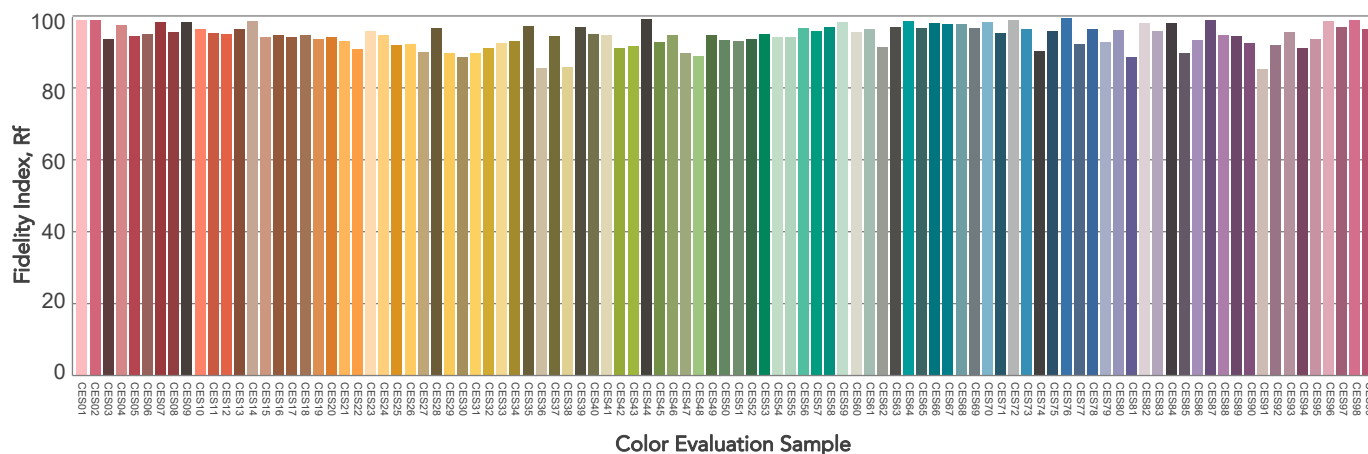
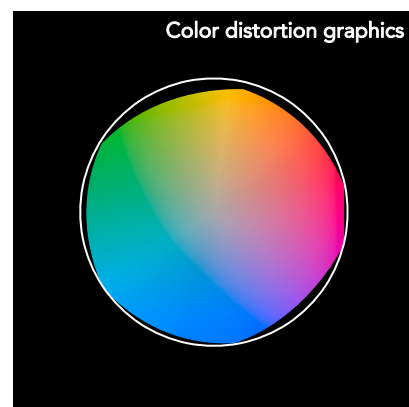
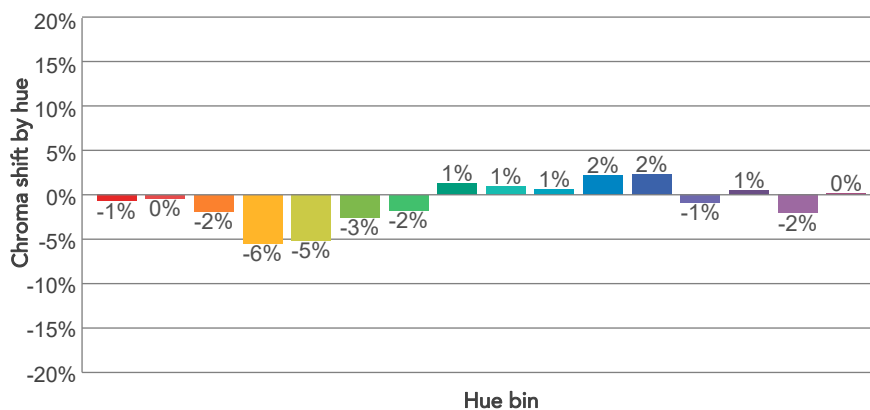
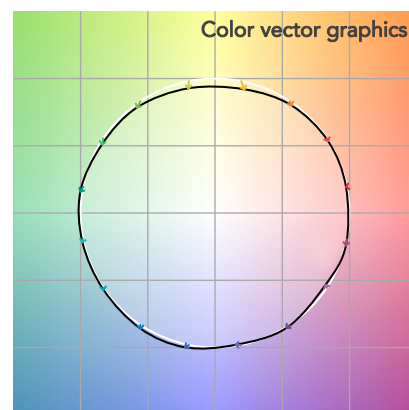
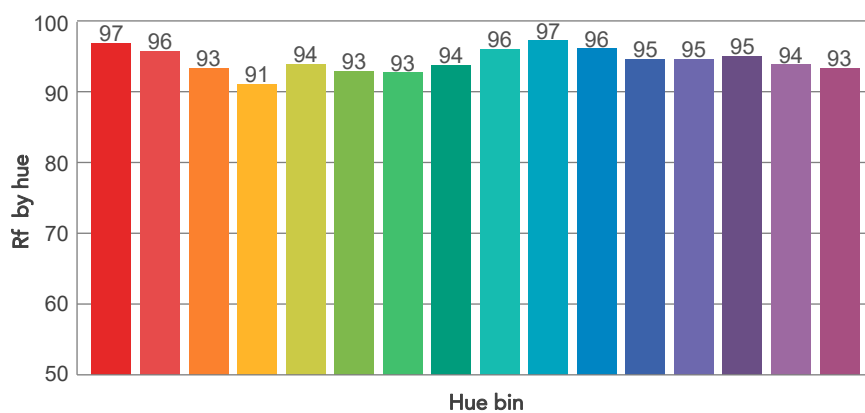
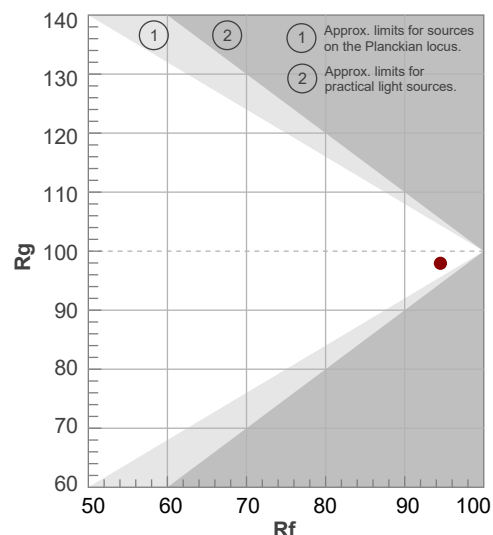
Rf 94,5

Fidelity index Rf

Rg 97,9

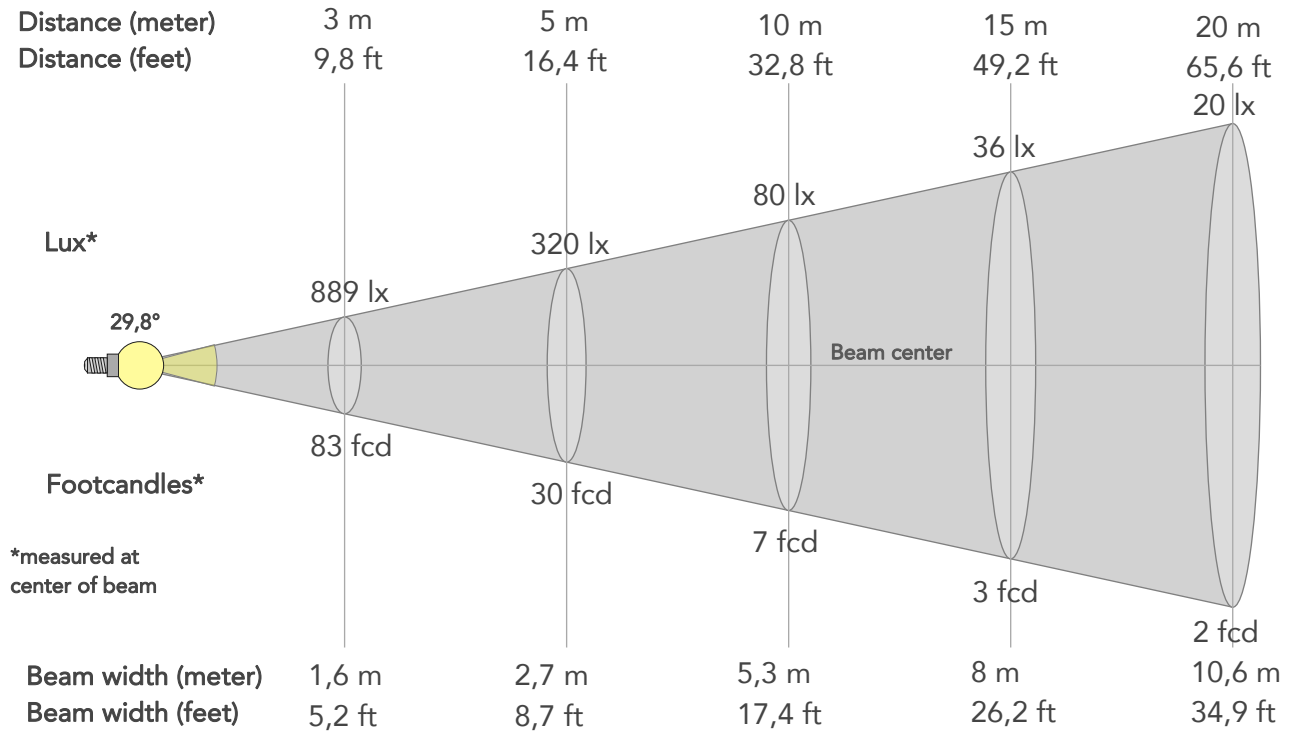
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	0%
2	96	0%	-2%
3	93	-2%	-3%
4	91	-6%	-3%
5	94	-5%	1%
6	93	-3%	5%
7	93	-2%	4%
8	94	1%	4%
9	96	1%	2%
10	97	1%	1%
11	96	2%	2%
12	95	2%	-2%
13	95	-1%	-4%
14	95	1%	-3%
15	94	-2%	1%
16	93	0%	-5%



BEAM DETAILS

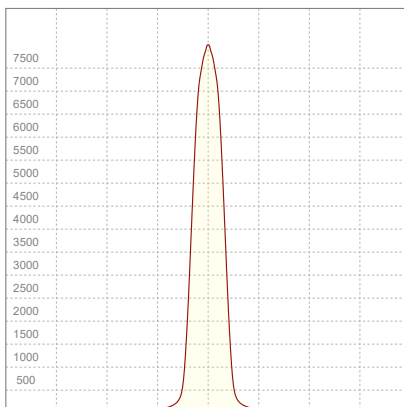
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,8°	43,3°	59°	97,4%	94,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	7998lx	1999lx	889lx	500lx	320lx	142lx	80lx	36lx	20lx	13lx	9lx	5lx	3lx
Footcand.	743fcd	186fcd	83fcd	46fcd	30fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,5m	1,1m	1,6m	2,1m	2,7m	4m	5,3m	8m	10,6m	13,3m	16m	21,3m	26,6m
Beam wid.	1,8ft	3,5ft	5,2ft	7ft	8,7ft	13,1ft	17,4ft	26,2ft	34,9ft	43,6ft	52,3ft	69,8ft	87,2ft

LINEAR DISTRIBUTION DIAGRAM

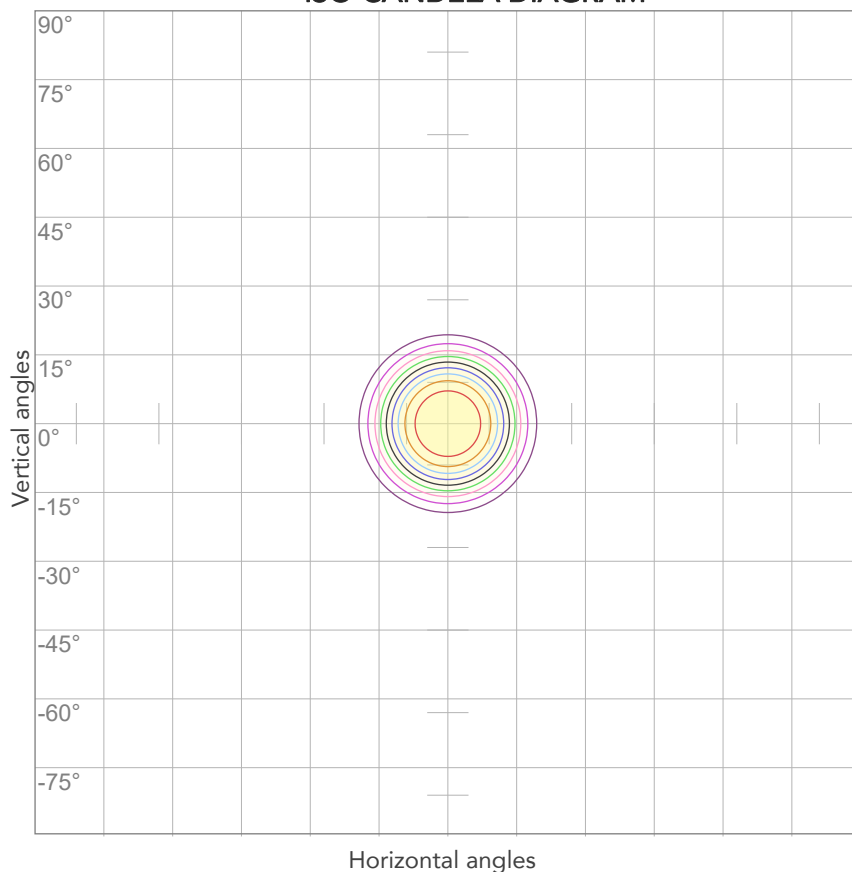


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
229V	0,244A	52,5W	0,94	42lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



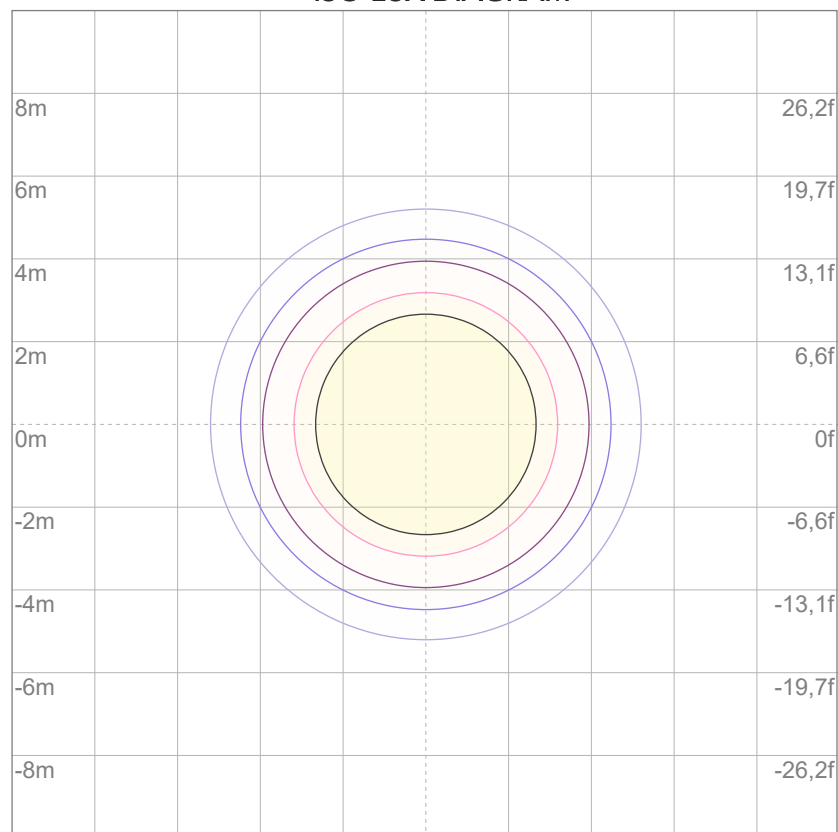
10%	800 cd
20%	1600 cd
30%	2399 cd
40%	3199 cd
50%	3999 cd
60%	4799 cd
70%	5598 cd
80%	6398 cd

Conditions:

Number of c-planes: 2

Candela at center: 7998 cd

ISO LUX DIAGRAM



3%	2,40 lx
5%	4,00 lx
10%	8,00 lx
30%	24,0 lx
50%	40,0 lx

Conditions:

Number of c-planes: 2

Lux at center: 80,0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2272 lm

Peak candela output:

2950 cd

Light quality:

CRI: 97,7

Color temperature:

2539 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Wide Lens

Target:

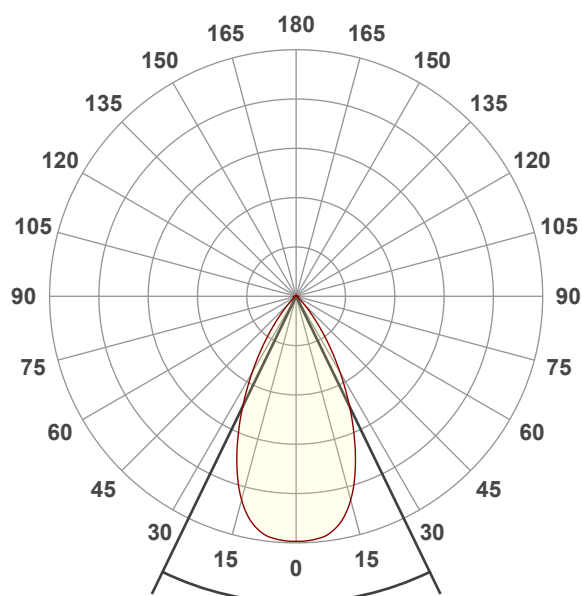
Warm White

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 16:57:57

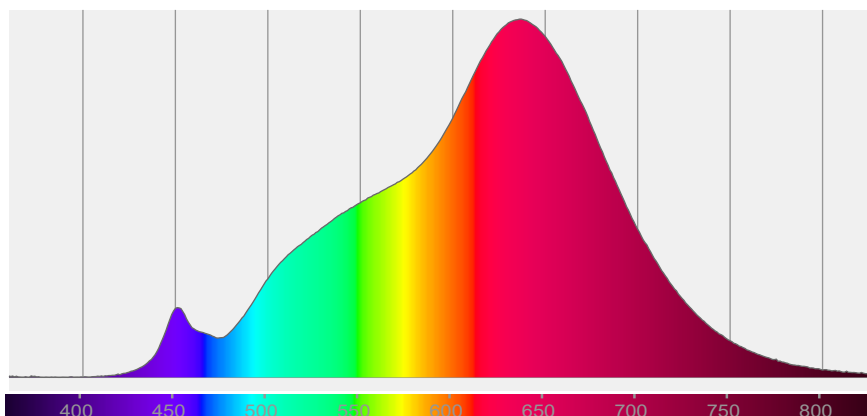


Beam angle 50%: 51,7°

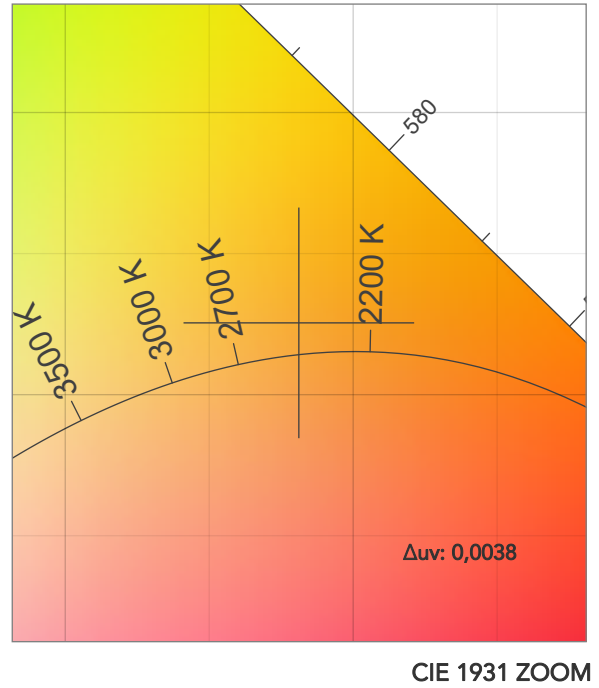
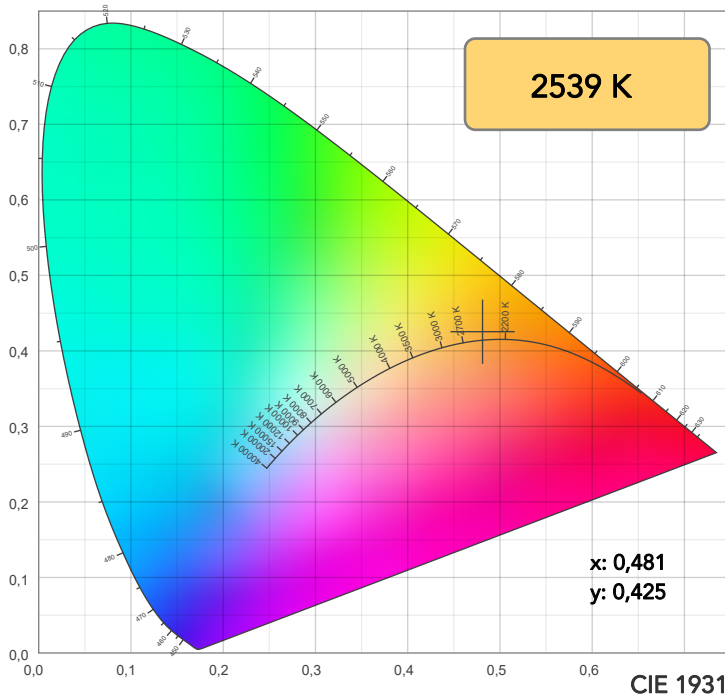
Field angle 10%: 80,7°

Cut off angle 2.5%: 97,1°

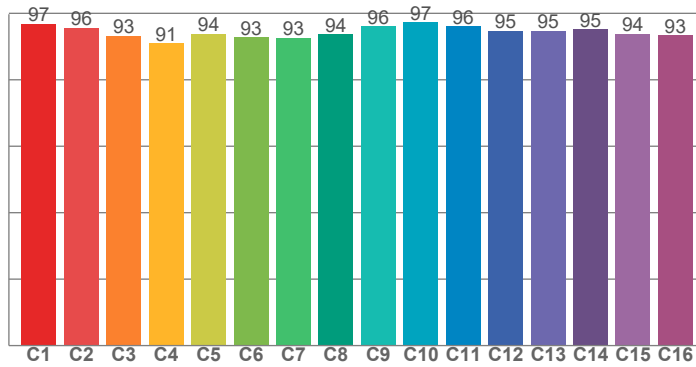
Spectra



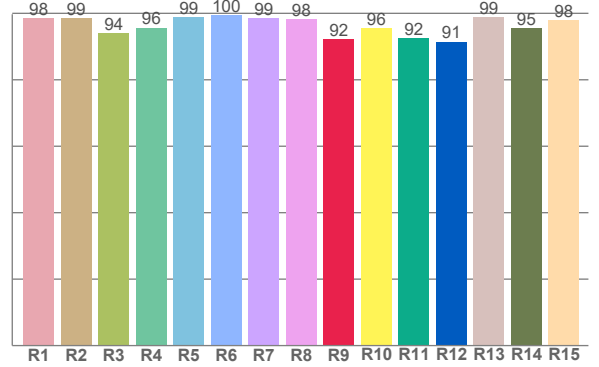
COLOR DETAILS



TM30: 94,5



CRI: 97,7 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,5	98,5	94,0	95,7	98,9	99,6	98,5	98,2	92,3	95,6	92,4	91,5	98,8	95,5	97,9

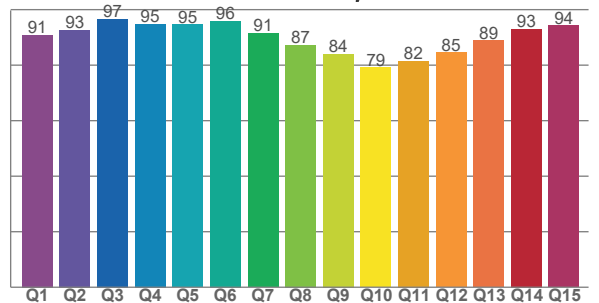
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,9	95,6	93,2	91,0	93,8	92,8	92,7	93,7	96,1	97,3	96,2	94,7	94,8	95,1	93,9	93,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,9	92,7	96,6	94,8	94,6	95,9	91,5	87,2	83,9	79,1	81,5	84,6	88,9	93,0	94,3

CQS: 88,1



COLOR PARAMETERS

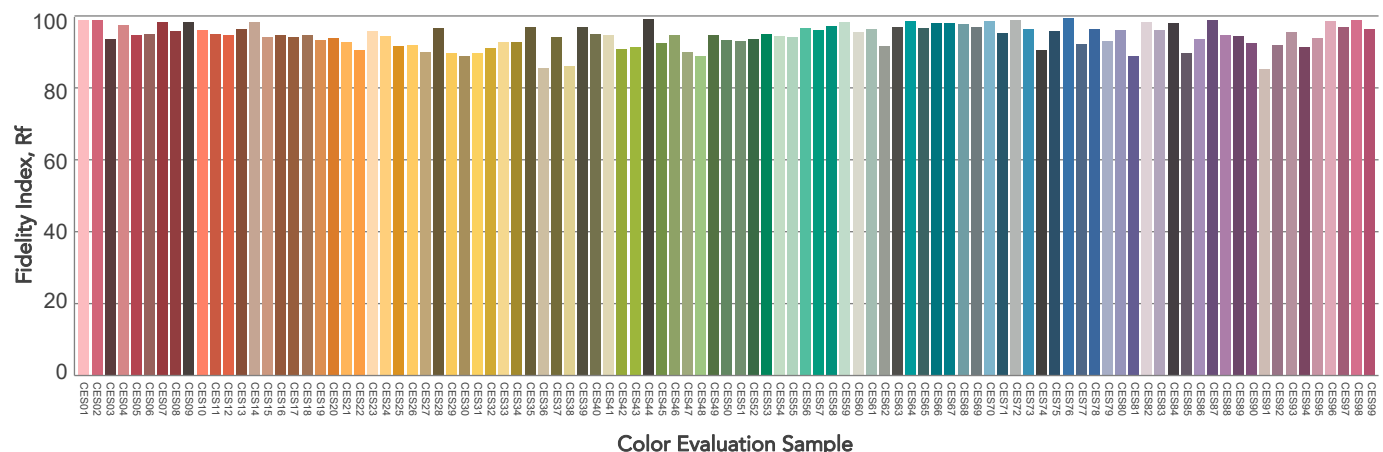
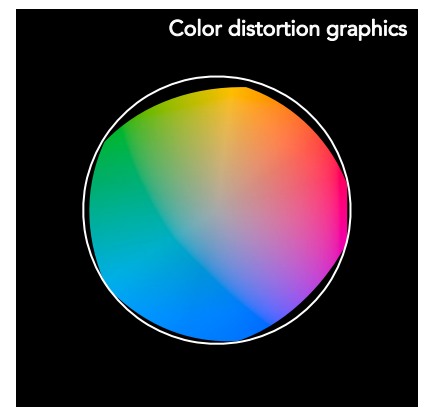
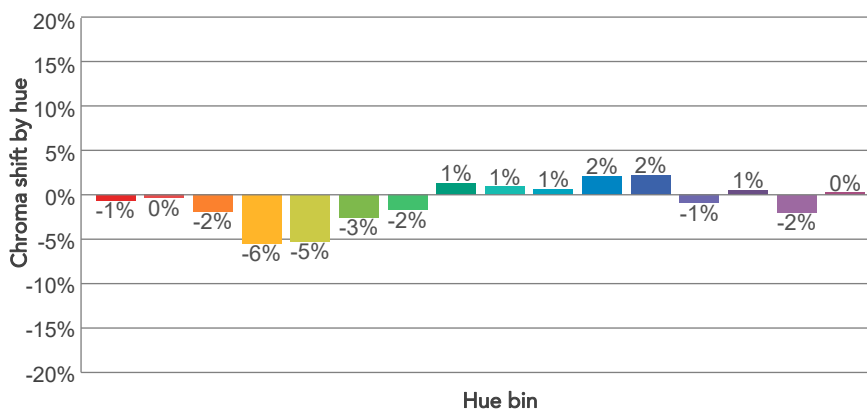
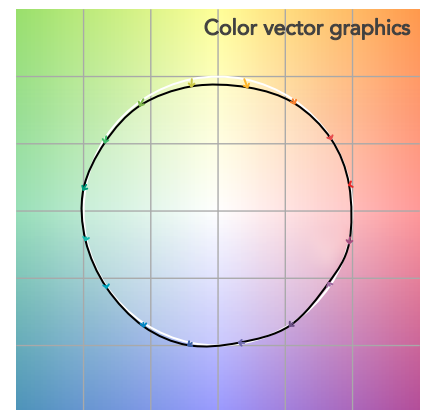
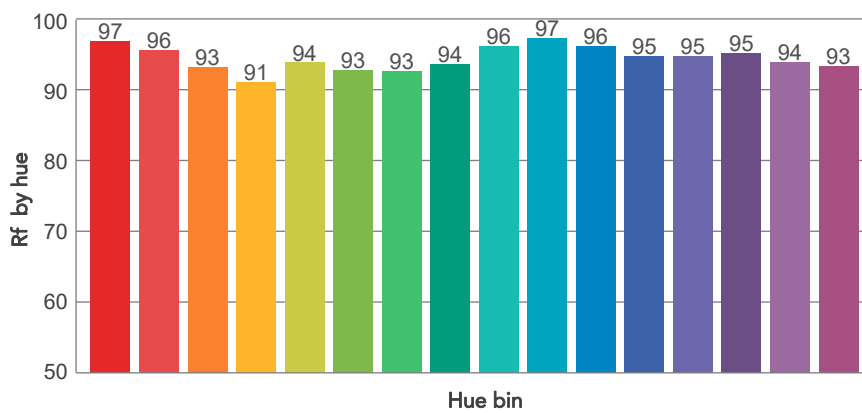
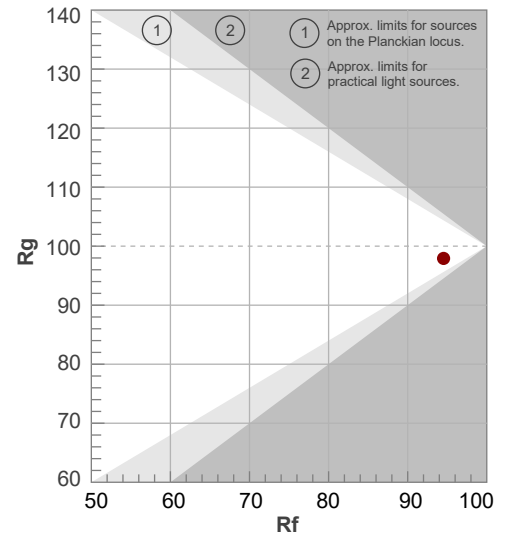
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2539 K	97,7	92,3	94,5	97,9	88,1	97	0,481	0,425	0,0038

TM30 DETAILS

Rf 94,5
Fidelity index Rf

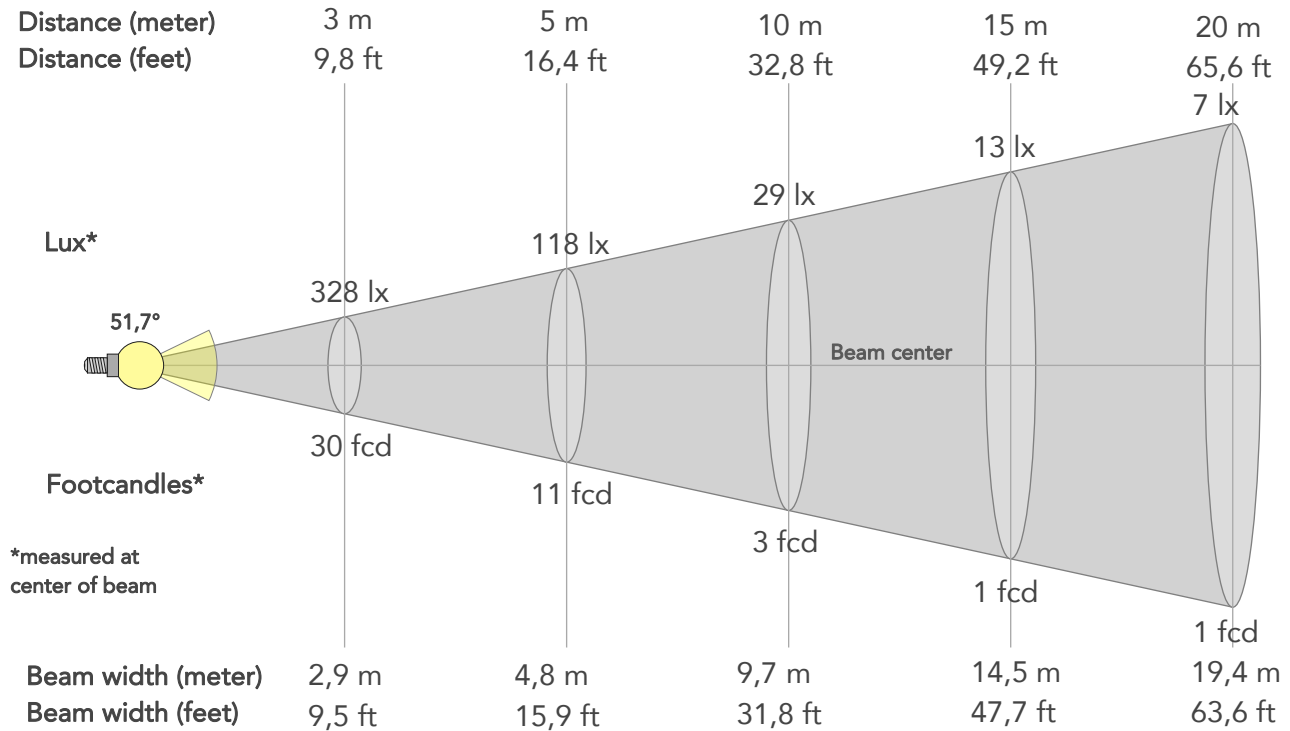
Rg 97,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	0%
2	96	0%	-2%
3	93	-2%	-3%
4	91	-6%	-3%
5	94	-5%	1%
6	93	-3%	5%
7	93	-2%	4%
8	94	1%	4%
9	96	1%	2%
10	97	1%	1%
11	96	2%	2%
12	95	2%	-2%
13	95	-1%	-4%
14	95	1%	-3%
15	94	-2%	1%
16	93	0%	-5%



BEAM DETAILS

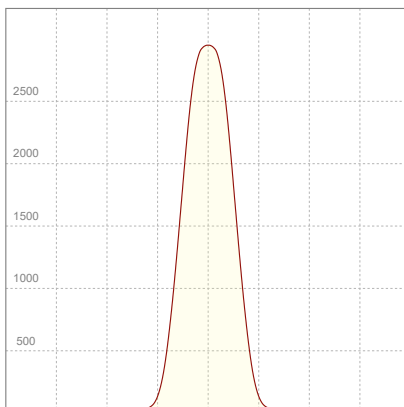
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
51,7°	80,7°	97,1°	98,3%	95,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	2950lx	737lx	328lx	184lx	118lx	52lx	29lx	13lx	7lx	5lx	3lx	2lx	1lx
Footcand.	274fcd	69fcd	30fcd	17fcd	11fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1m	1,9m	2,9m	3,9m	4,8m	7,3m	9,7m	14,5m	19,4m	24,2m	29,1m	38,8m	48,5m
Beam wid.	3,2ft	6,4ft	9,5ft	12,7ft	15,9ft	23,8ft	31,8ft	47,7ft	63,6ft	79,5ft	95,4ft	127,2ft	159ft

LINEAR DISTRIBUTION DIAGRAM

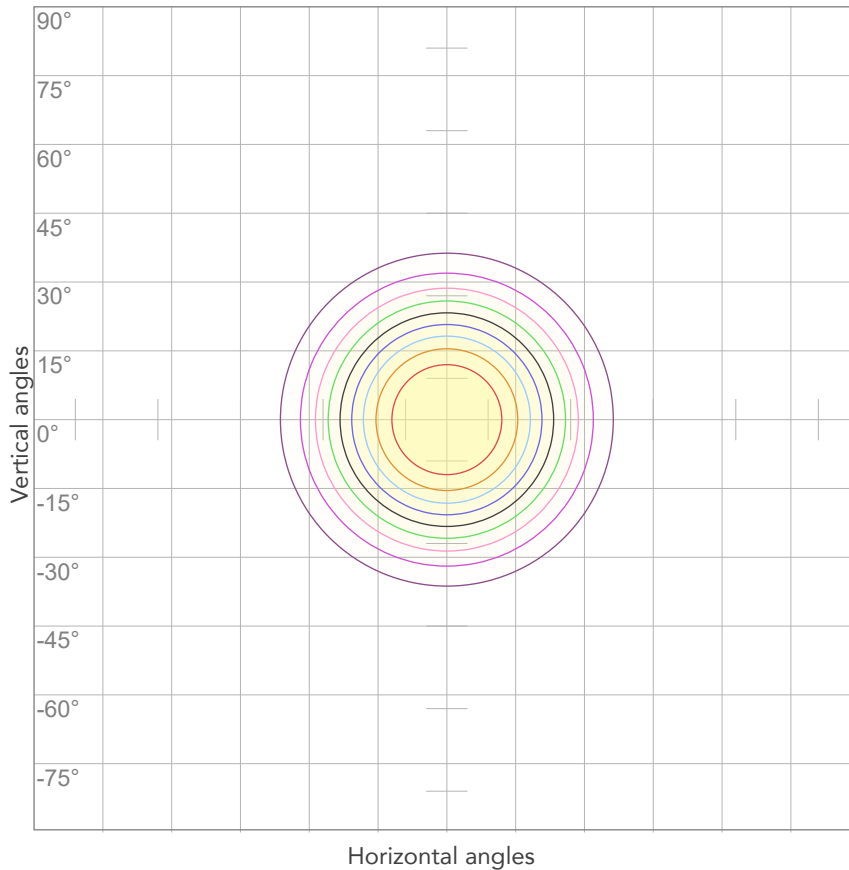


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,246A	53,1W	0,94	43lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



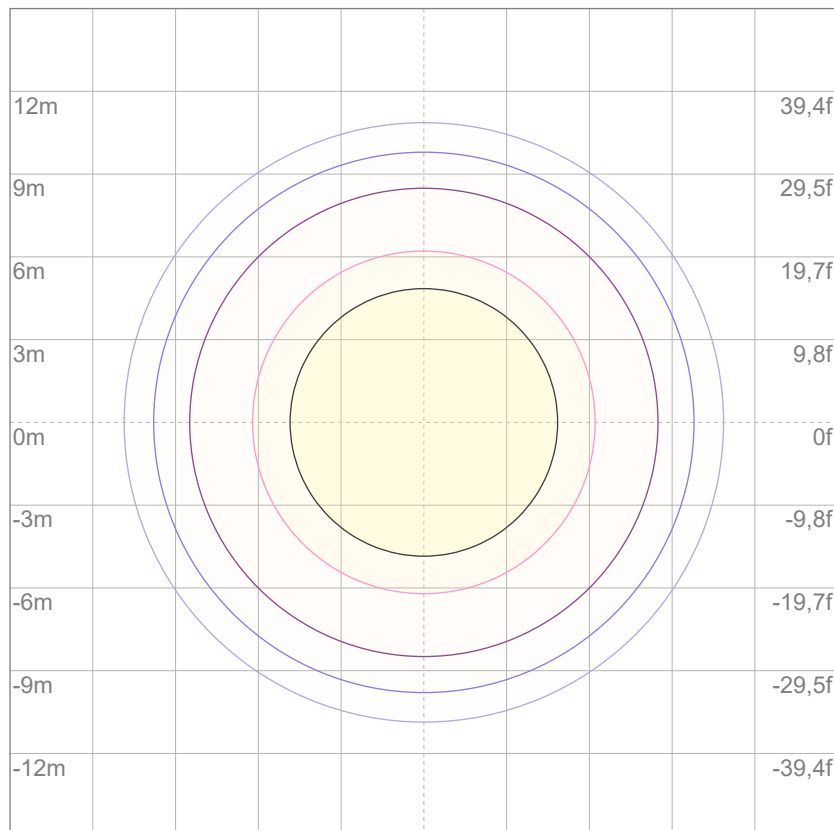
10%	295 cd
20%	590 cd
30%	885 cd
40%	1180 cd
50%	1475 cd
60%	1770 cd
70%	2065 cd
80%	2360 cd

Conditions:

Number of c-planes: 2

Candela at center: 2950 cd

ISO LUX DIAGRAM



3%	0,885 lx
5%	1,47 lx
10%	2,95 lx
30%	8,85 lx
50%	14,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 29,5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2006 lm

Peak candela output:

14653 cd

Light quality:

CRI: 97,7

Color temperature:

2523 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x20° Filter

Target:

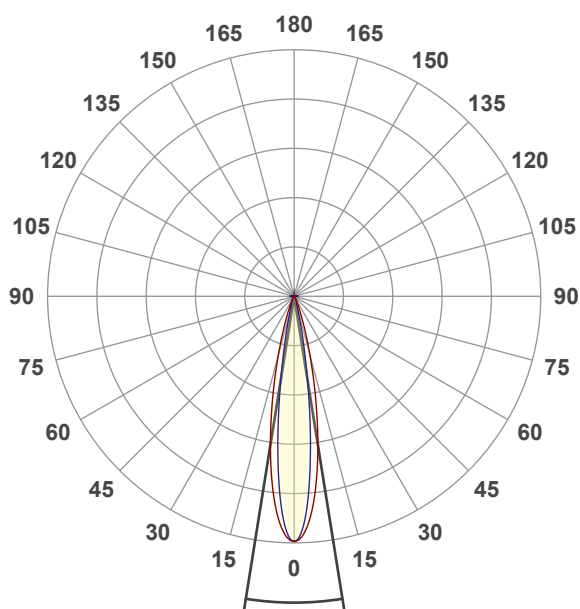
Warm White

Operator:

Giuseppe della Peruta

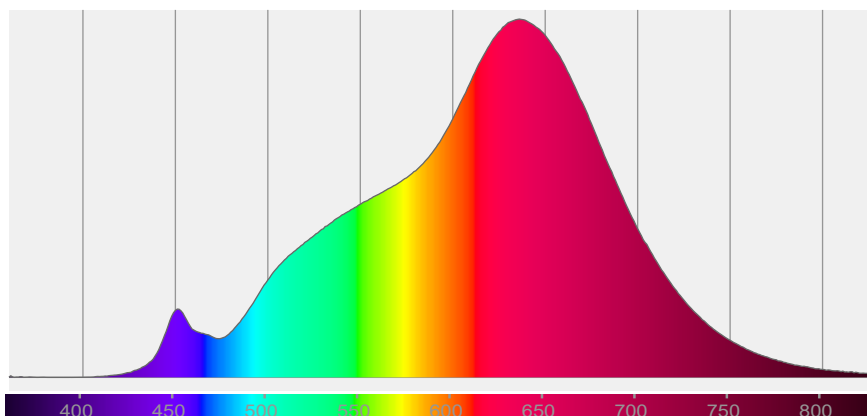
Date and time:

04/08/2025 12:43:30

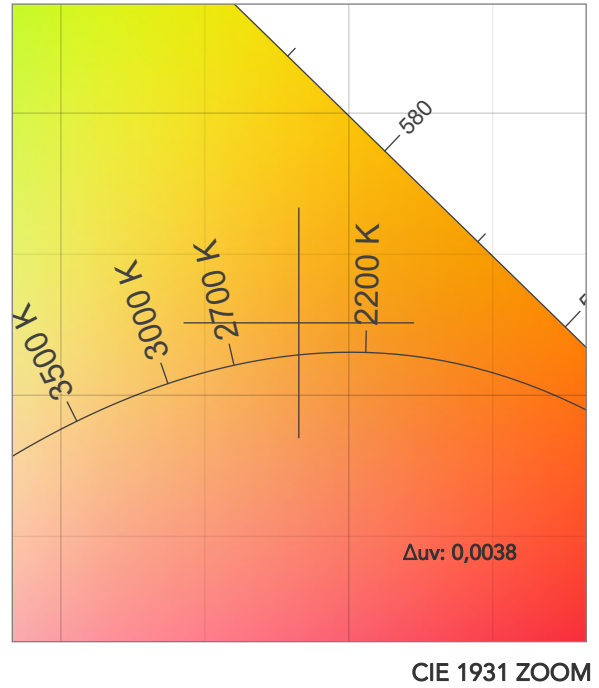
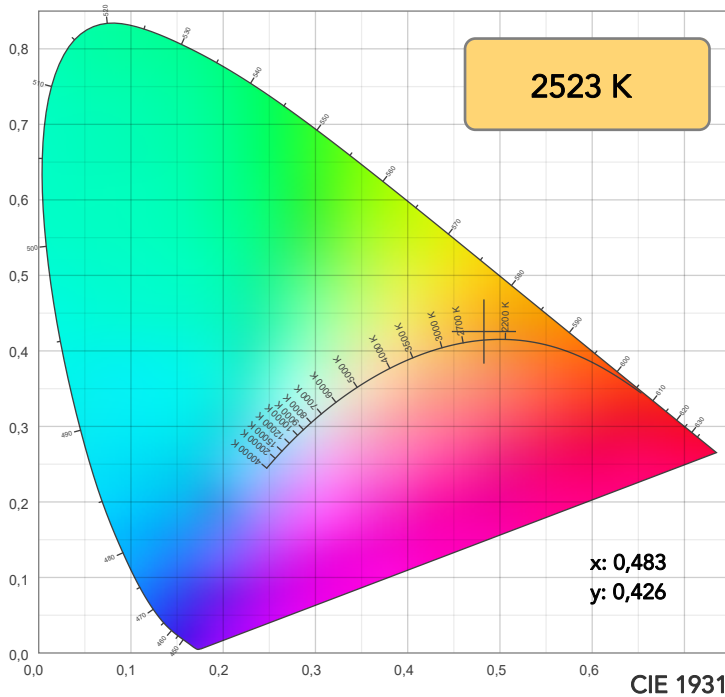


	Blue curve V	Red curve H
Beam angle 50%:	14,8°	21,5°
Field angle 10%:	27,2°	38,6°
Cut off angle 2.5%:	41,5°	52,3°

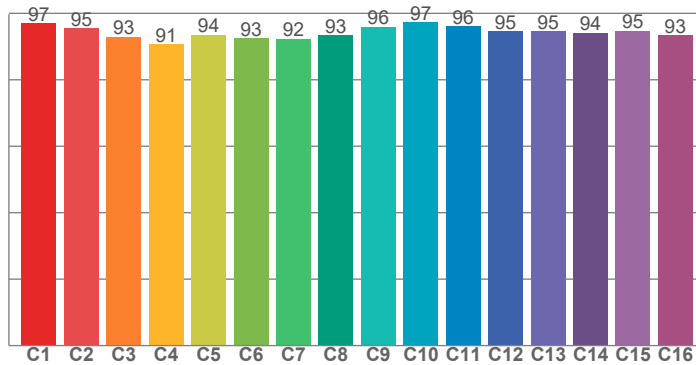
Spectra



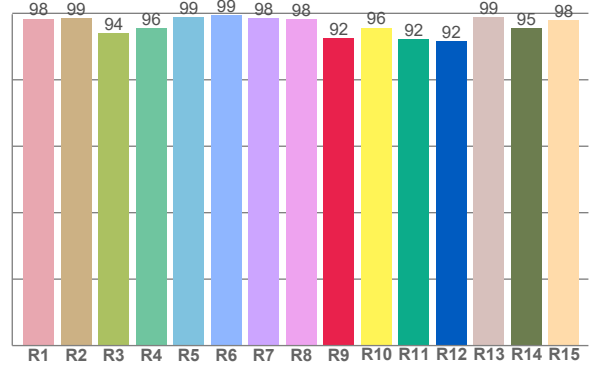
COLOR DETAILS



TM30: 94,4



CRI: 97,7 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,4	98,6	94,0	95,6	98,8	99,4	98,4	98,2	92,4	95,7	92,3	91,6	98,7	95,5	98,0

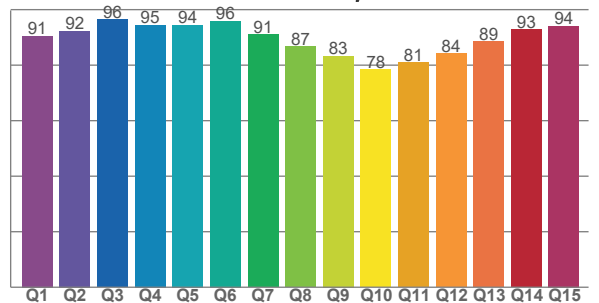
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,0	95,4	92,9	90,7	93,6	92,5	92,3	93,4	95,9	97,2	96,2	94,7	94,7	94,1	94,8	93,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,5	92,3	96,4	94,5	94,5	95,9	91,1	86,6	83,4	78,4	80,9	84,2	88,5	92,8	94,1

CQS: 87,7



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2523 K	97,7	92,4	94,4	97,9	87,7	97	0,483	0,426	0,0038

TM30 DETAILS

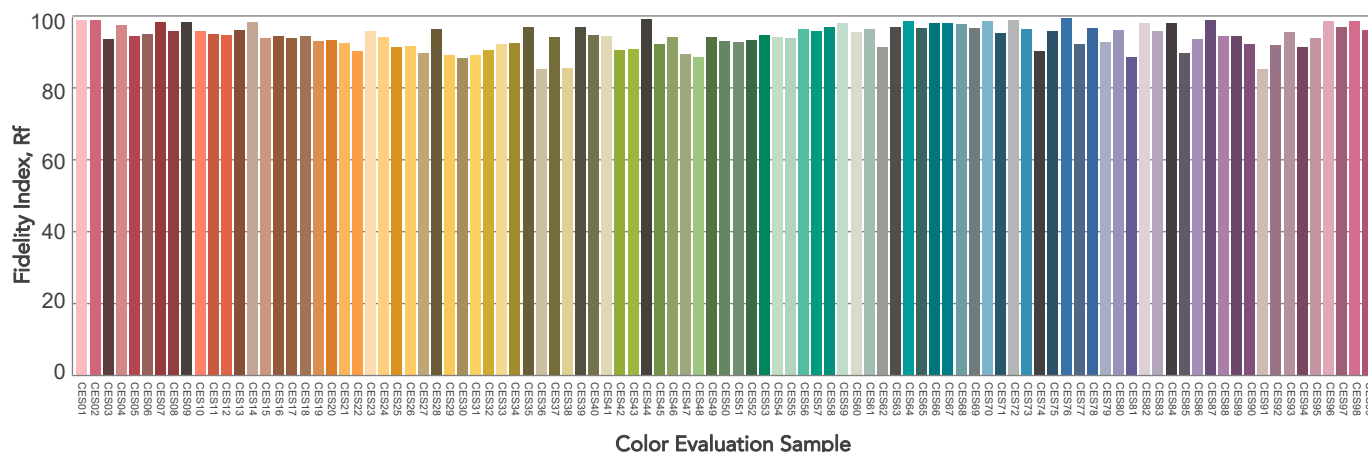
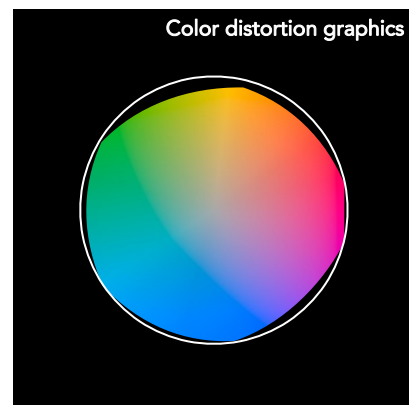
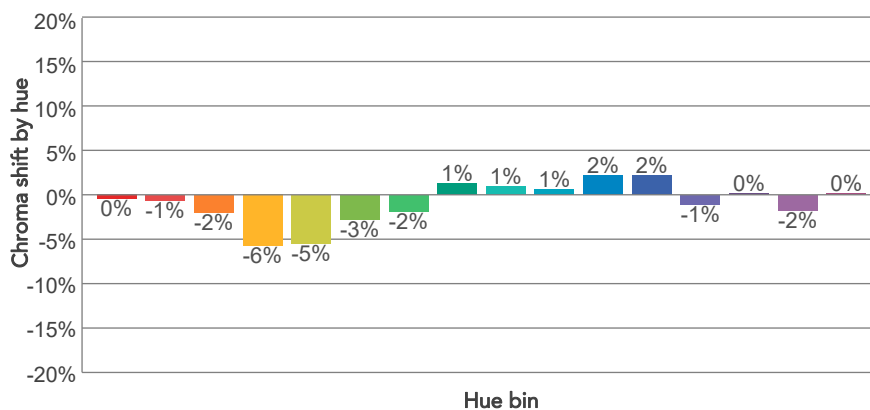
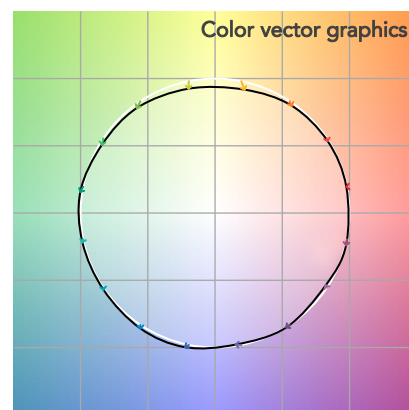
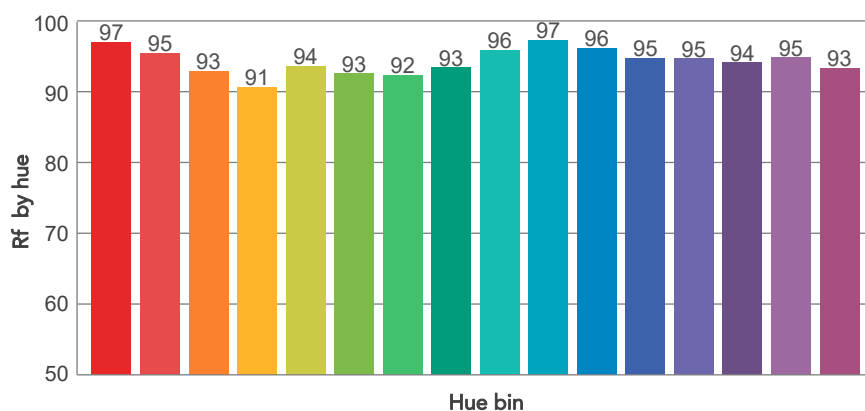
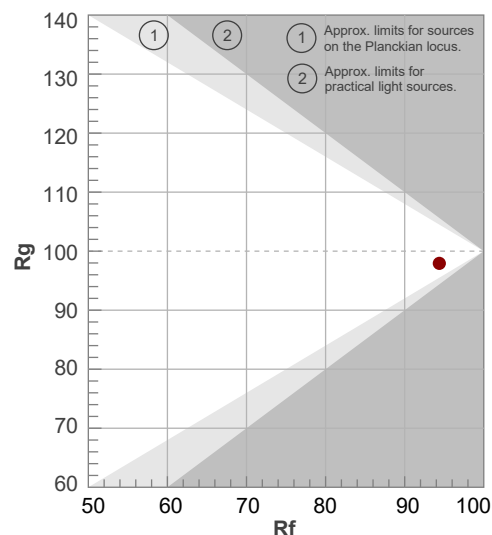
Rf 94,4

Fidelity index Rf

Rg 97,9

Gammut index

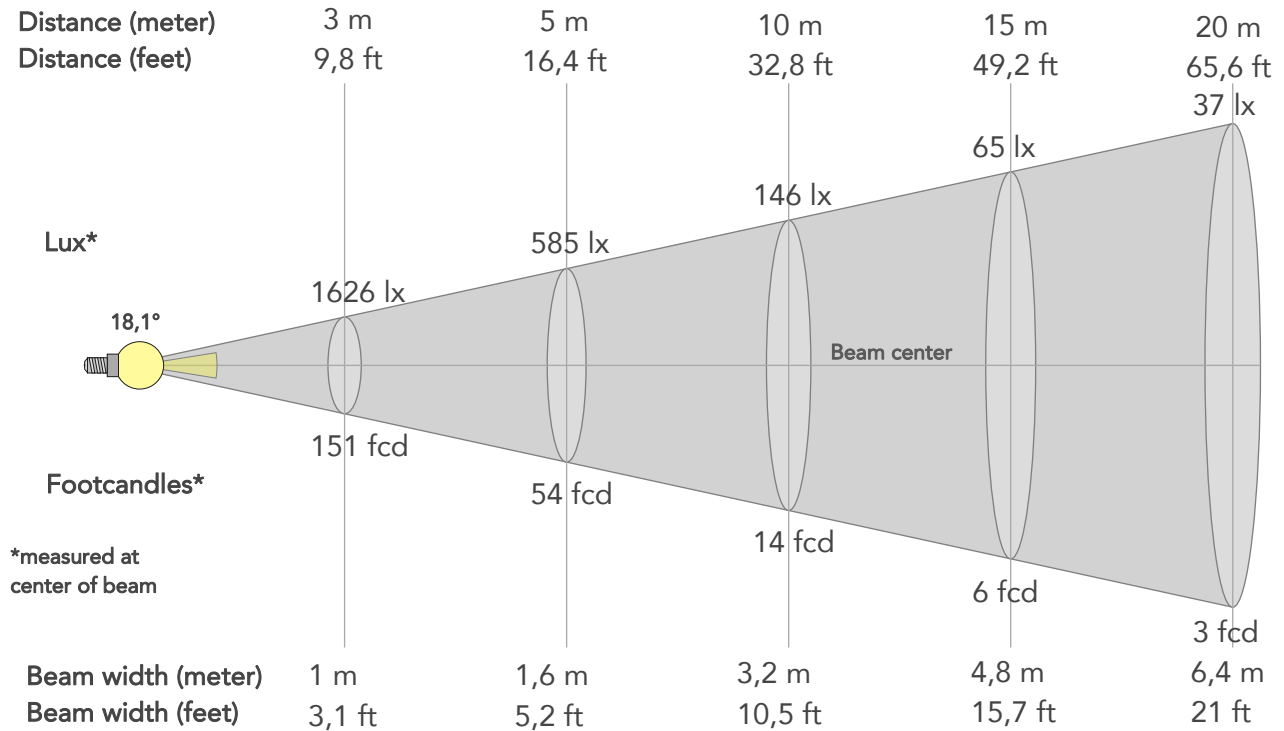
		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	97	0%	0%
2	95	-1%	-2%
3	93	-2%	-3%
4	91	-6%	-4%
5	94	-5%	1%
6	93	-3%	5%
7	92	-2%	5%
8	93	1%	4%
9	96	1%	2%
10	97	1%	1%
11	96	2%	2%
12	95	2%	-2%
13	95	-1%	-4%
14	94	0%	-3%
15	95	-2%	1%
16	93	0%	-4%



BEAM DETAILS



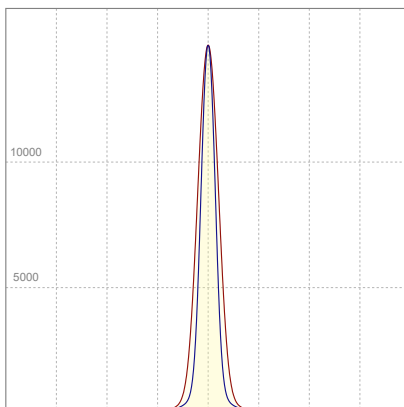
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	32,9°	46,9°	98,1%	95,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	14637lx	3659lx	1626lx	915lx	585lx	260lx	146lx	65lx	37lx	23lx	16lx	9lx	6lx
Footcand.	1360fcd	340fcd	151fcd	85fcd	54fcd	24fcd	14fcd	6fcd	3fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,9ft	10,5ft	15,7ft	21ft	26,2ft	31,4ft	41,9ft	52,4ft

LINEAR DISTRIBUTION DIAGRAM

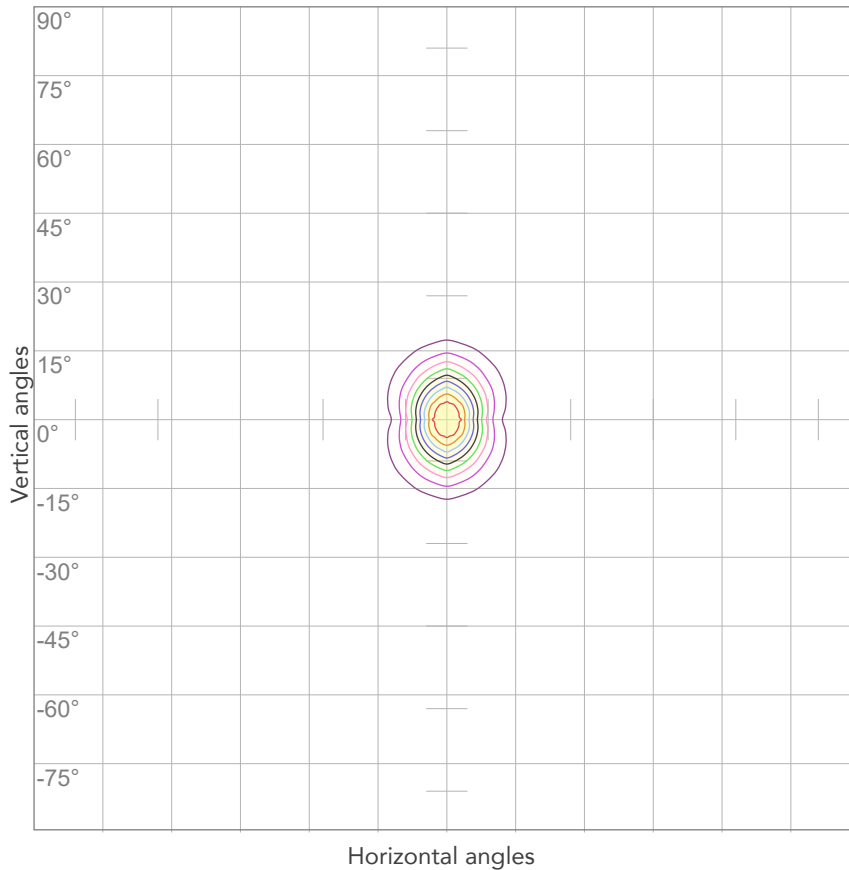


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,247A	53,0W	0,94	38lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



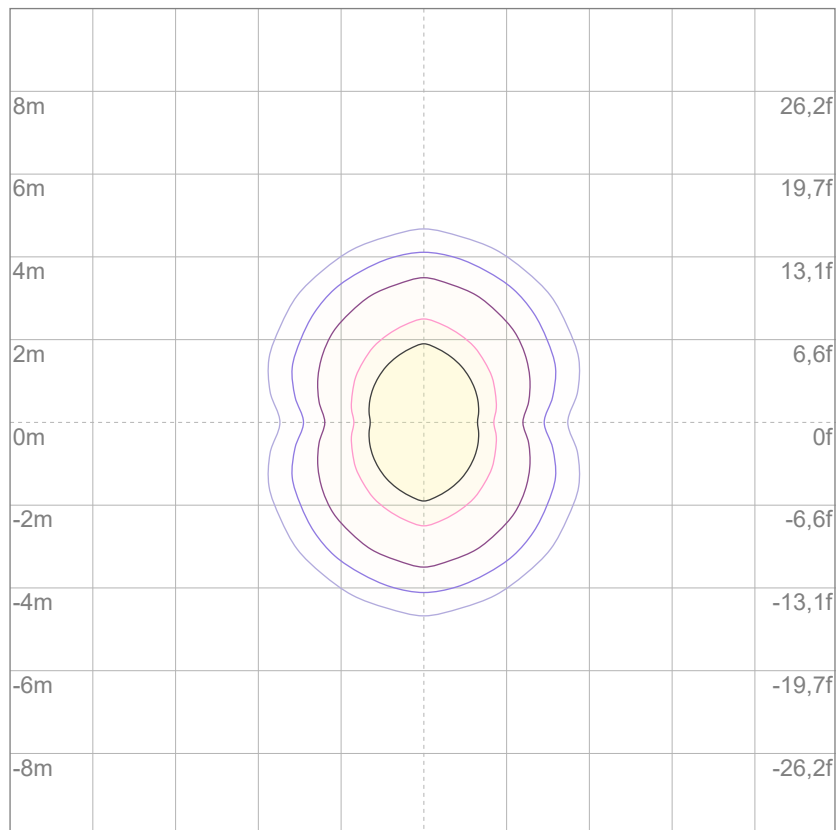
10%	1464 cd
20%	2927 cd
30%	4391 cd
40%	5855 cd
50%	7318 cd
60%	8782 cd
70%	10246 cd
80%	11710 cd

Conditions:

Number of c-planes: 4

Candela at center: 14637 cd

ISO LUX DIAGRAM



3%	4,39 lx
5%	7,32 lx
10%	14,6 lx
30%	43,9 lx
50%	73,2 lx

Conditions:

Number of c-planes: 4

Lux at center: 146 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

1953 lm

Peak candela output:

7138 cd

Light quality:

CRI: 97,7

Color temperature:

2517 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x40° Filter

Target:

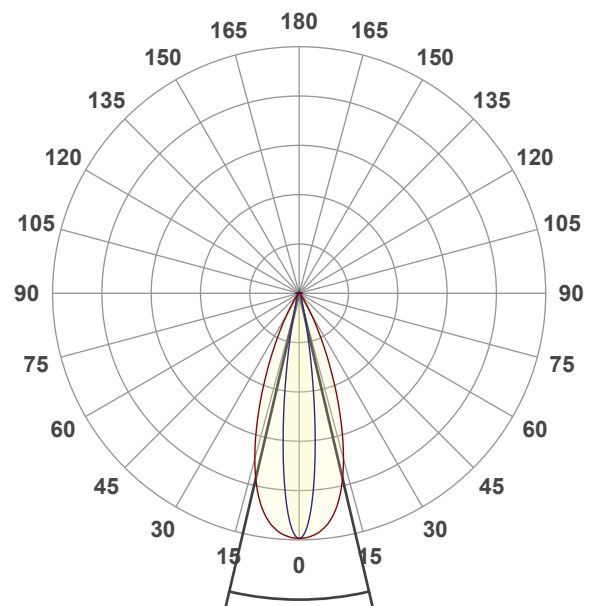
Warm White

Operator:

Giuseppe della Peruta

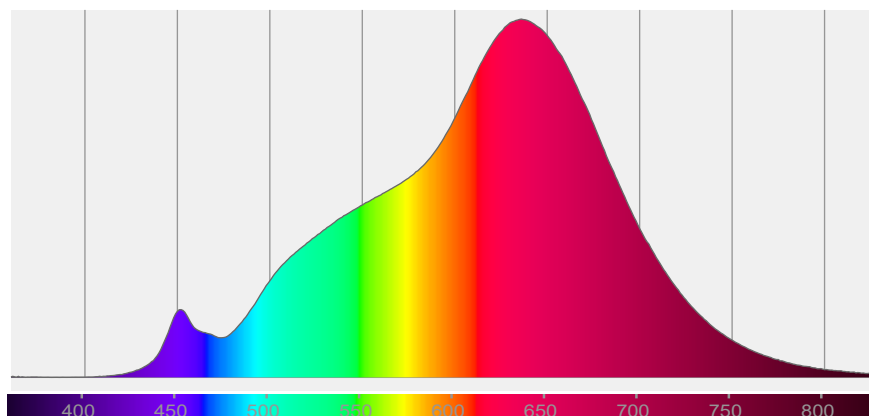
Date and time:

04/08/2025 18:09:26

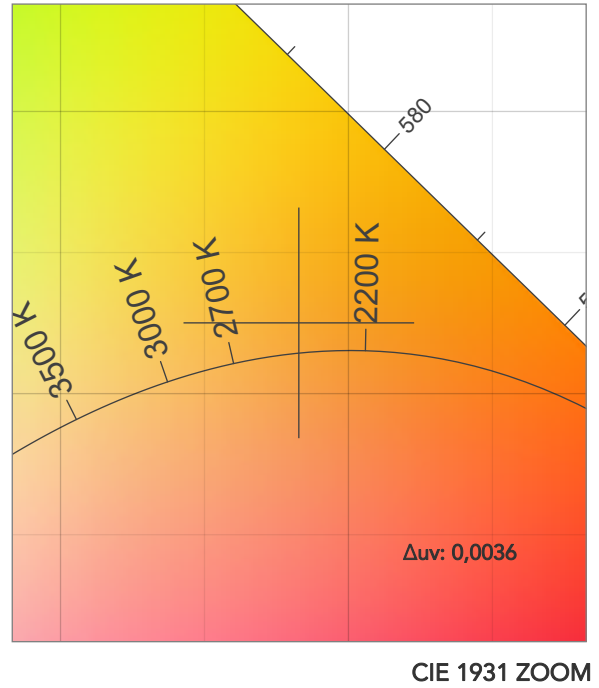
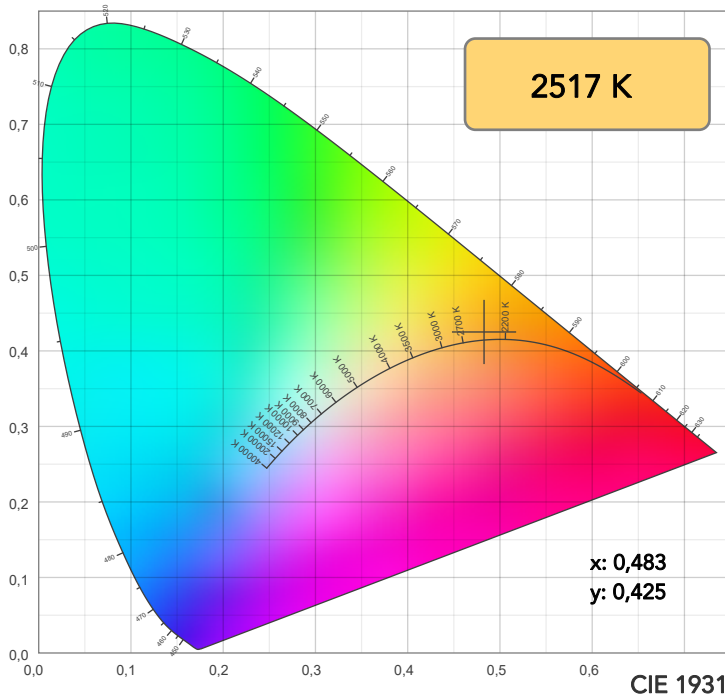


	Blue curve V	Red curve H
Beam angle 50%:	14,5°	38,2°
Field angle 10%:	27,2°	60,1°
Cut off angle 2.5%:	47,9°	75,6°

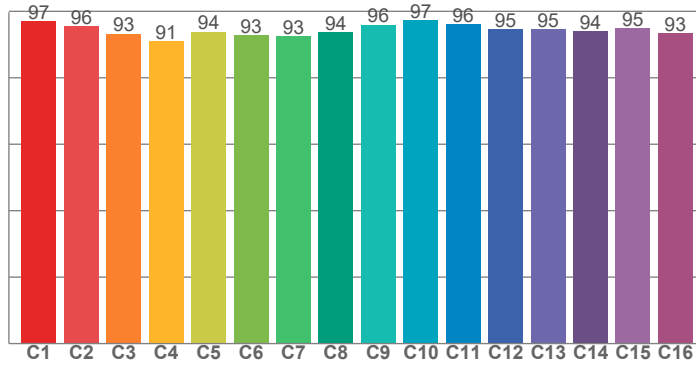
Spectra



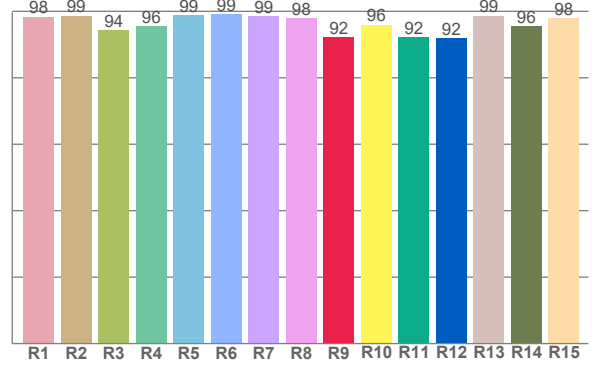
COLOR DETAILS



TM30: 94,5



CRI: 97,7 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,4	98,7	94,2	95,6	98,8	99,2	98,6	98,0	92,1	96,0	92,3	91,9	98,7	95,6	98,0

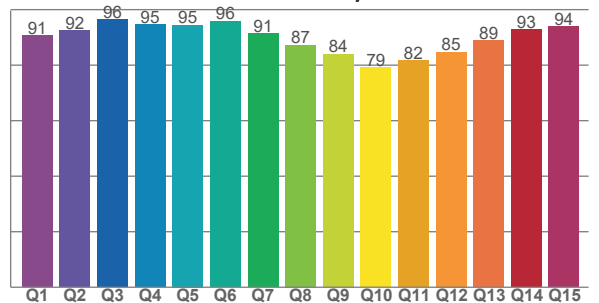
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,0	95,6	93,2	90,9	93,8	92,8	92,6	93,6	96,0	97,2	96,1	94,6	94,6	94,0	94,9	93,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,6	92,5	96,4	94,6	94,5	95,8	91,4	87,2	84,0	79,2	81,6	84,7	88,9	92,9	94,0

CQS: 88,1



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2517 K	97,7	92,1	94,5	98,1	88,1	97	0,483	0,425	0,0036

TM30 DETAILS

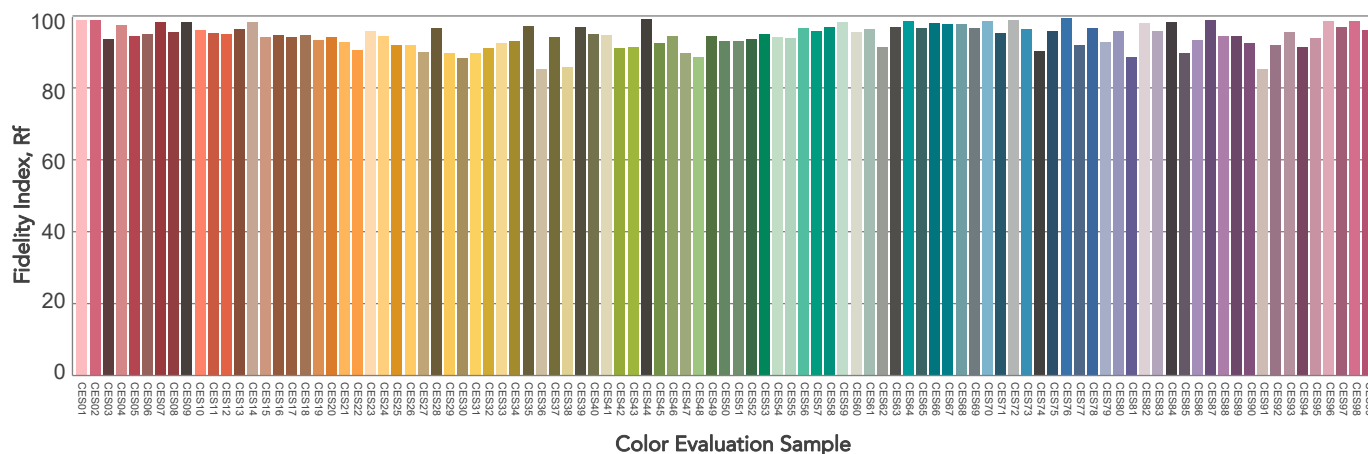
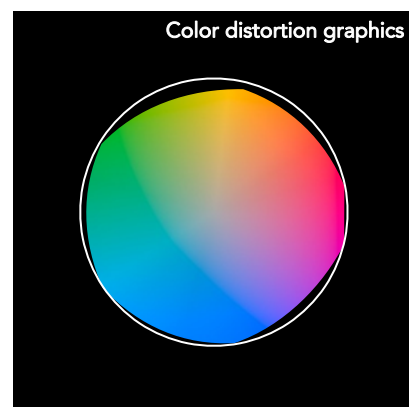
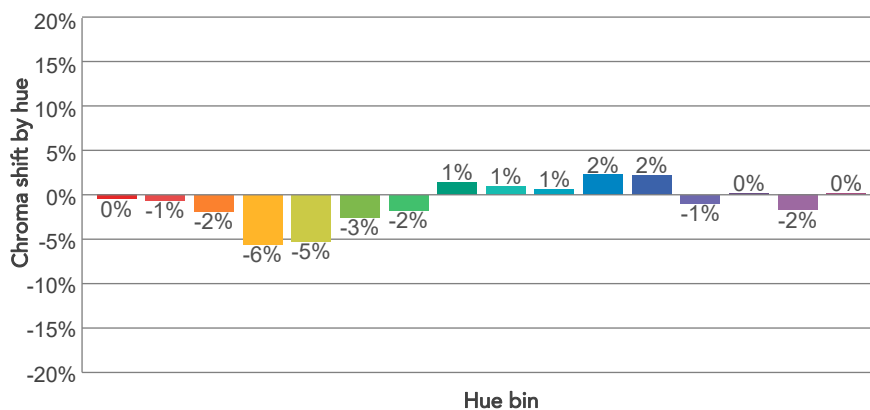
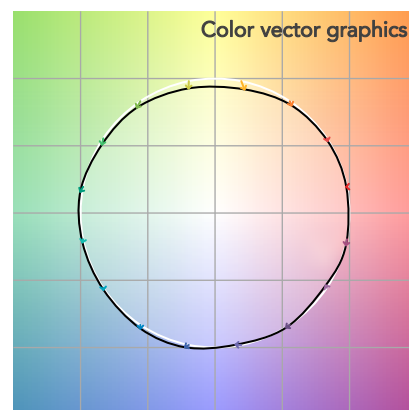
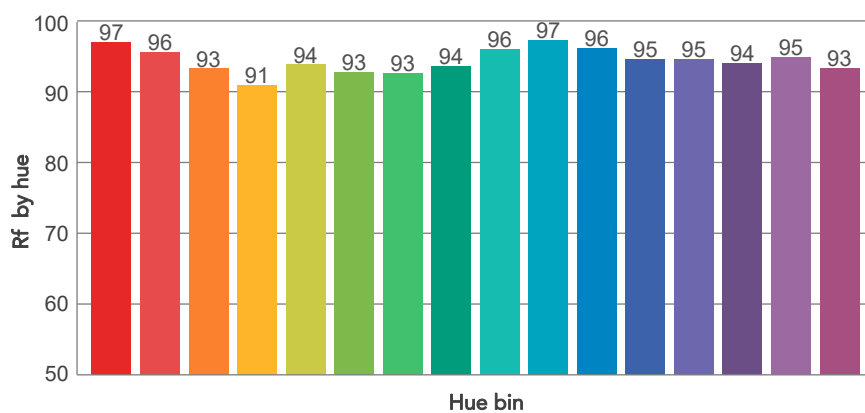
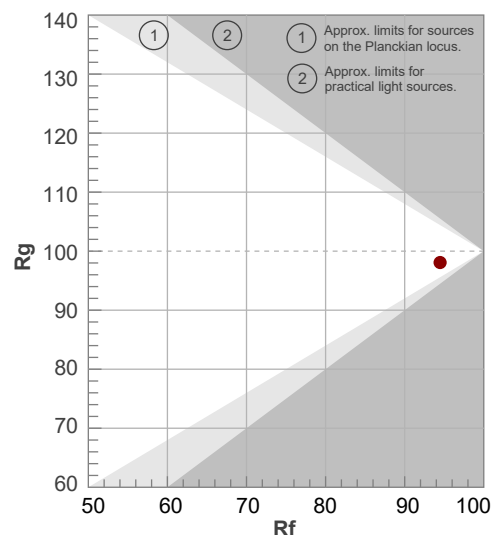
Rf 94,5

Fidelity index Rf

Rg 98,1

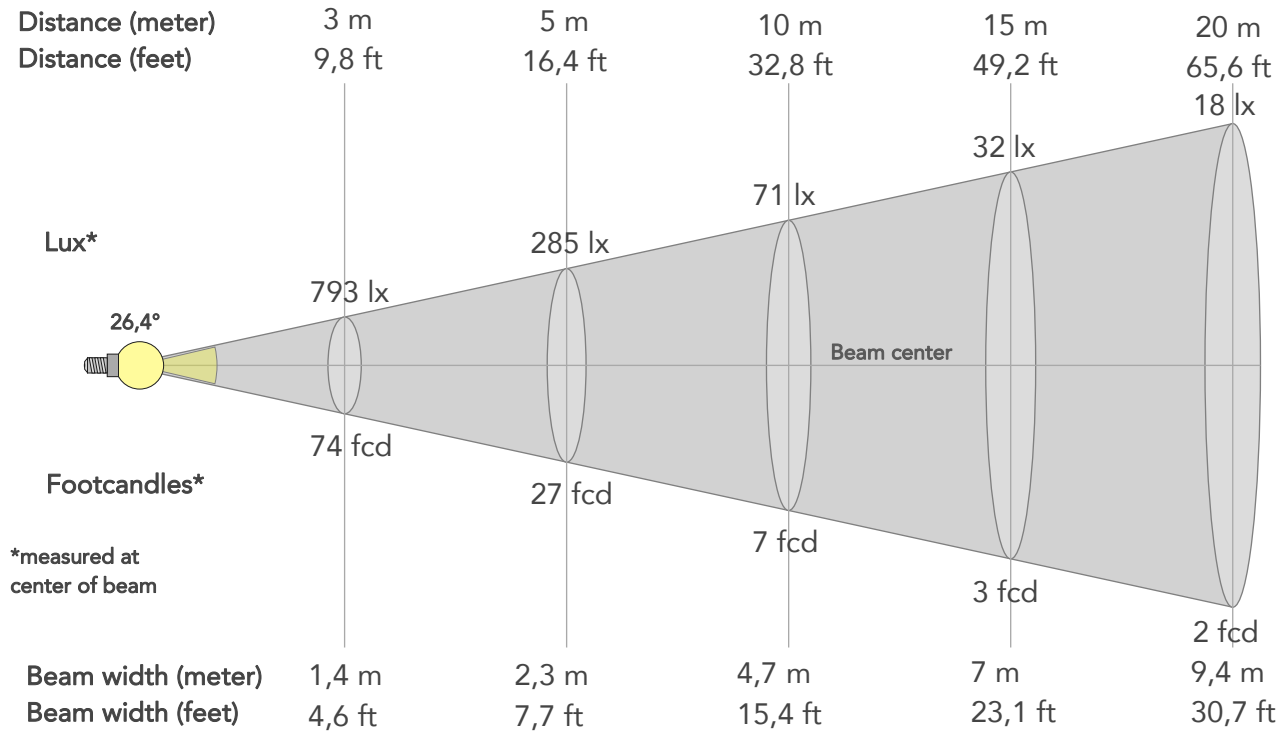
Gammut index

		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	97	0%	0%
2	96	-1%	-2%
3	93	-2%	-3%
4	91	-6%	-4%
5	94	-5%	1%
6	93	-3%	5%
7	93	-2%	4%
8	94	1%	4%
9	96	1%	2%
10	97	1%	1%
11	96	2%	2%
12	95	2%	-2%
13	95	-1%	-4%
14	94	0%	-3%
15	95	-2%	1%
16	93	0%	-5%



BEAM DETAILS

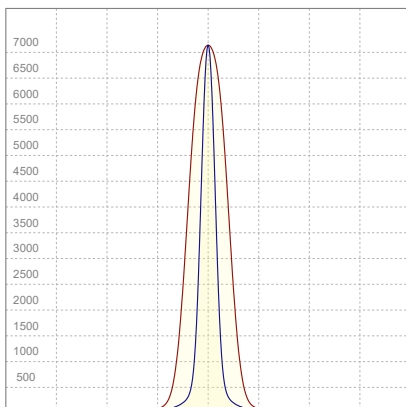
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26,4°	43,6°	61,7°	98,2%	95,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	7136lx	1784lx	793lx	446lx	285lx	127lx	71lx	32lx	18lx	11lx	8lx	4lx	3lx
Footcand.	663fcd	166fcd	74fcd	41fcd	27fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,5m	0,9m	1,4m	1,9m	2,3m	3,5m	4,7m	7m	9,4m	11,7m	14,1m	18,7m	23,4m
Beam wid.	1,5ft	3,1ft	4,6ft	6,1ft	7,7ft	11,5ft	15,4ft	23,1ft	30,7ft	38,4ft	46,1ft	61,5ft	76,8ft

LINEAR DISTRIBUTION DIAGRAM

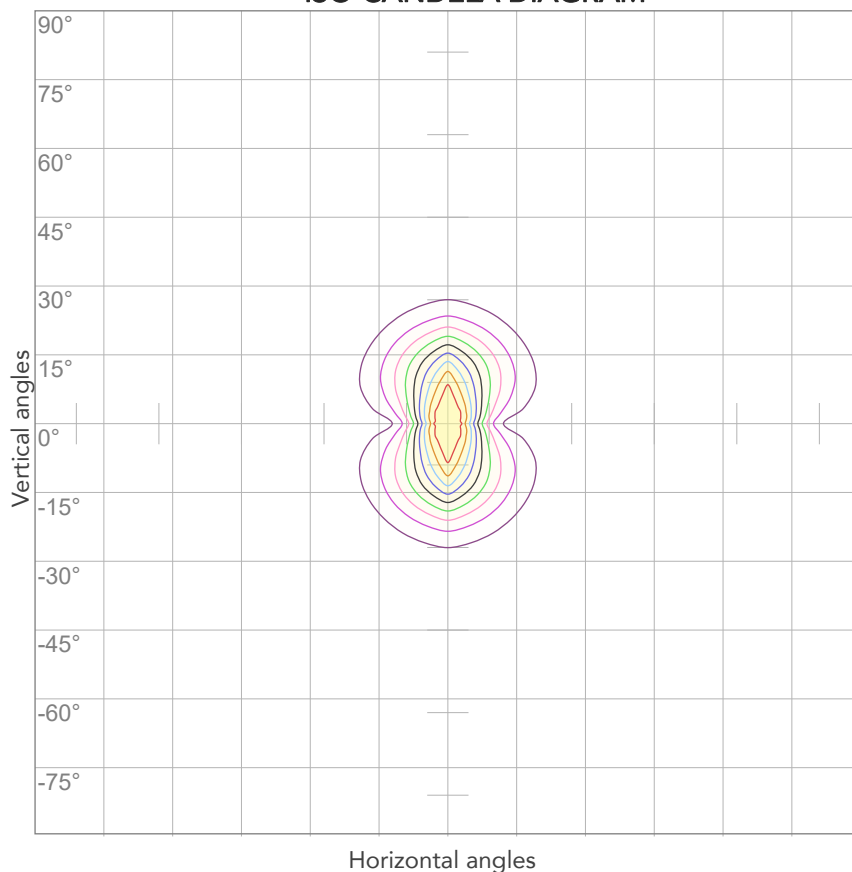


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,207A	43,3W	0,92	45lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



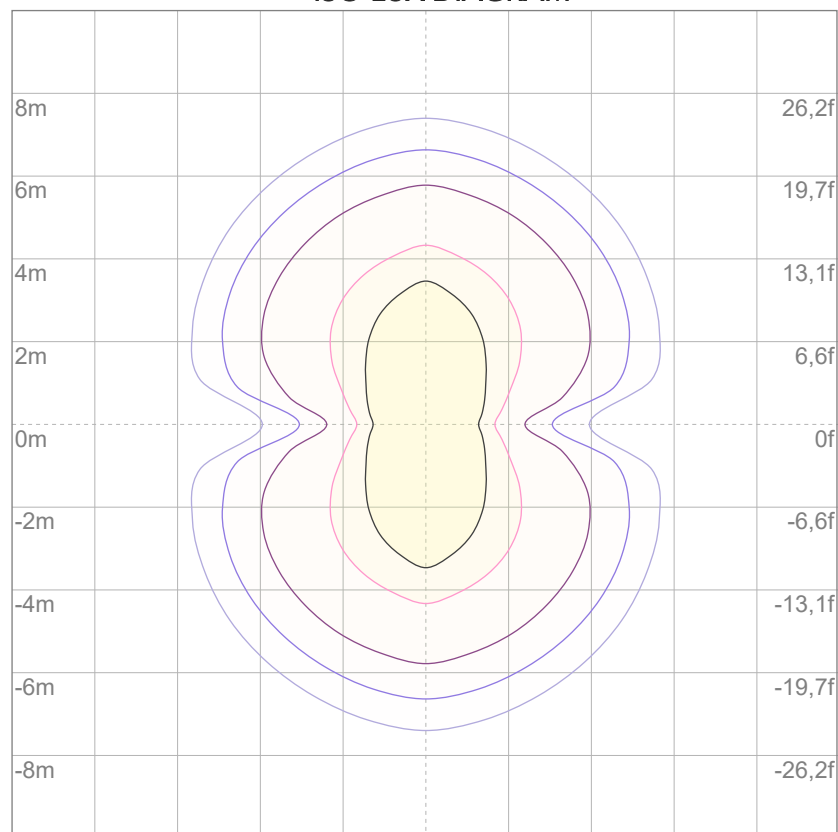
10%	714 cd
20%	1427 cd
30%	2141 cd
40%	2854 cd
50%	3568 cd
60%	4282 cd
70%	4995 cd
80%	5709 cd

Conditions:

Number of c-planes: 4

Candela at center: 7136 cd

ISO LUX DIAGRAM



3%	2,14 lx
5%	3,57 lx
10%	7,14 lx
30%	21,4 lx
50%	35,7 lx

Conditions:

Number of c-planes: 4

Lux at center: 71,4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2883 lm

Peak candela output:

5761 cd

Light quality:

CRI: 97,6

Color temperature:

2523 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x60° Filter

Target:

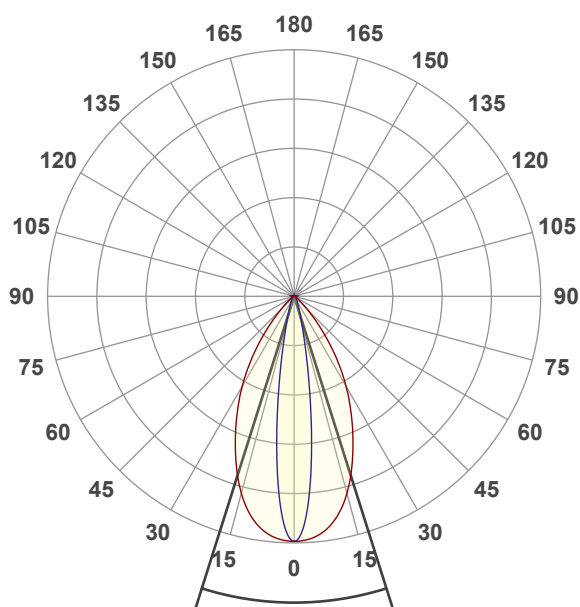
Warm White

Operator:

Giuseppe della Peruta

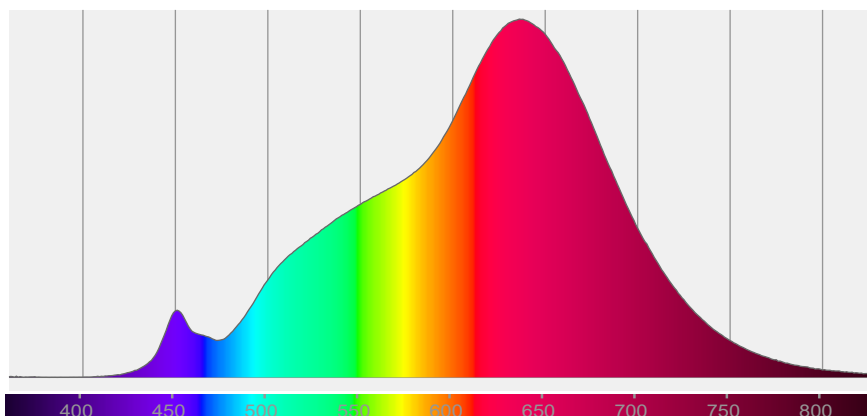
Date and time:

05/08/2025 09:27:57

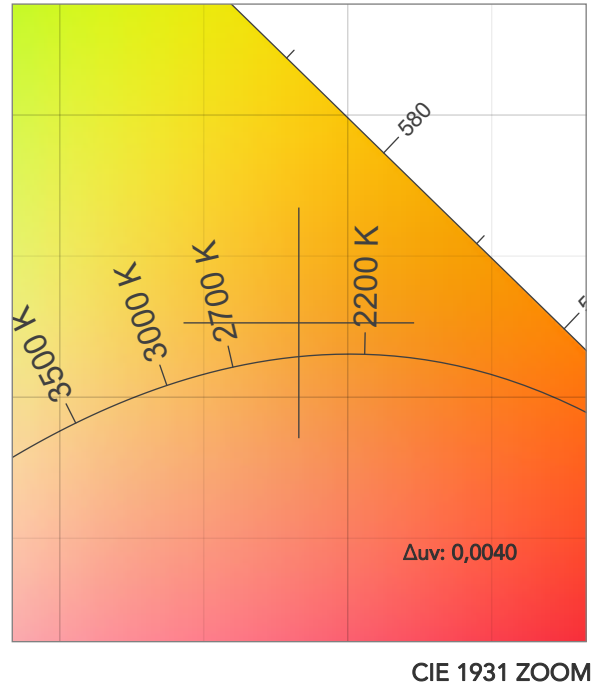
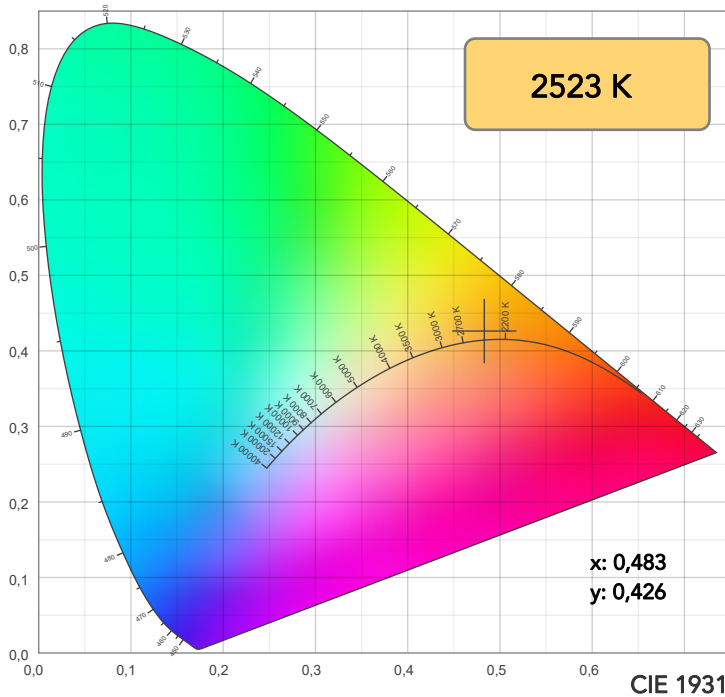


	Blue curve V	Red curve H
Beam angle 50%:	15,9°	54,2°
Field angle 10%:	33°	86,8°
Cut off angle 2.5%:	60,1°	105°

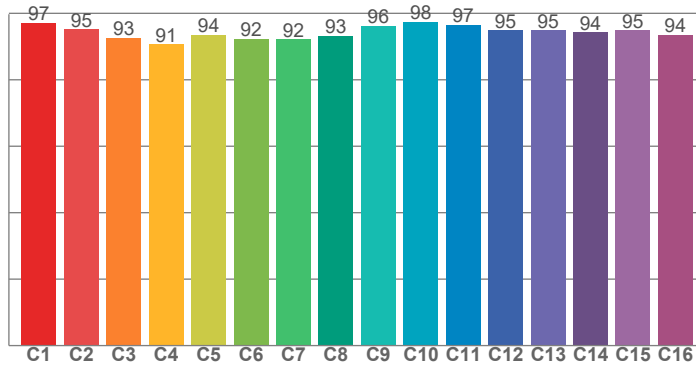
Spectra



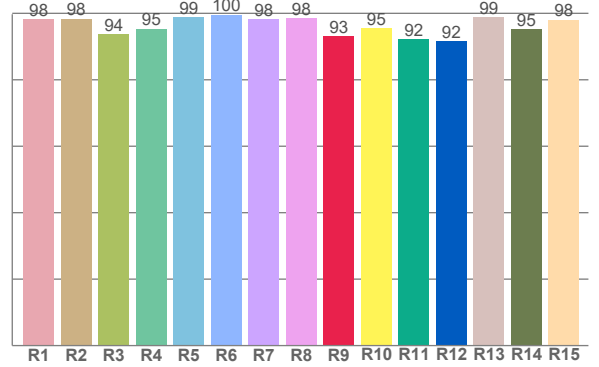
COLOR DETAILS



TM30: 94,5



CRI: 97,6 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,3	98,4	93,7	95,4	98,8	99,6	98,3	98,5	93,1	95,4	92,1	91,7	98,7	95,3	98,1

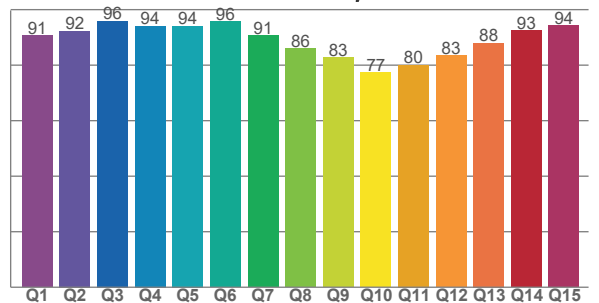
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,2	95,2	92,6	90,7	93,5	92,4	92,3	93,3	96,2	97,5	96,5	94,9	94,9	94,3	94,9	93,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,7	92,2	95,9	94,2	94,1	95,8	90,7	86,0	82,7	77,4	80,1	83,4	88,0	92,6	94,3

CQS: 87,2



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2523 K	97,6	93,1	94,5	97,9	87,2	97	0,483	0,426	0,0040

TM30 DETAILS

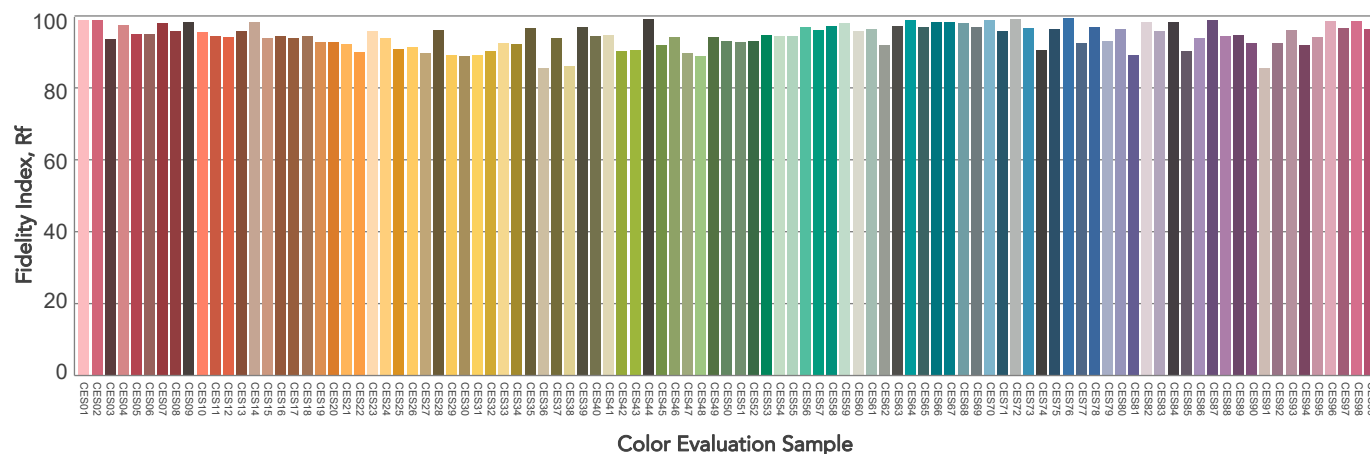
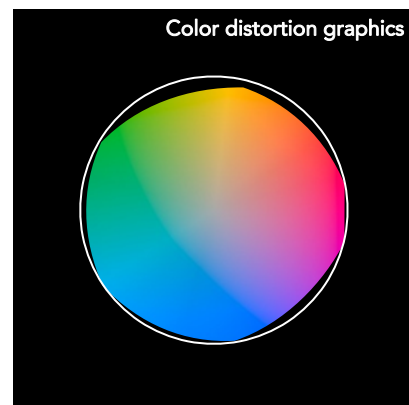
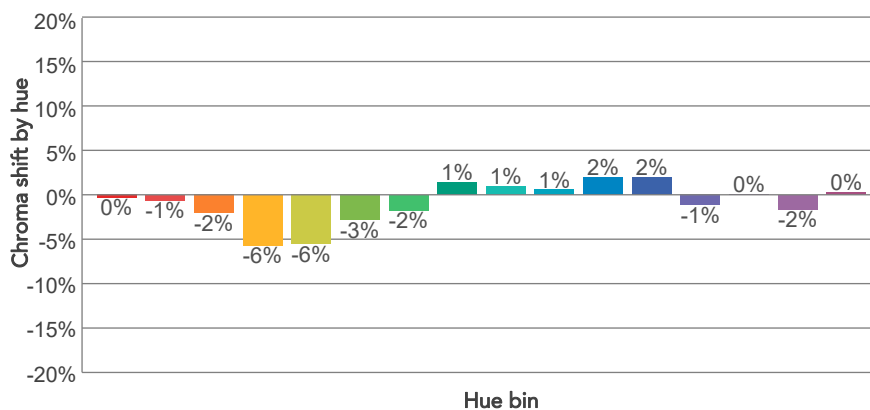
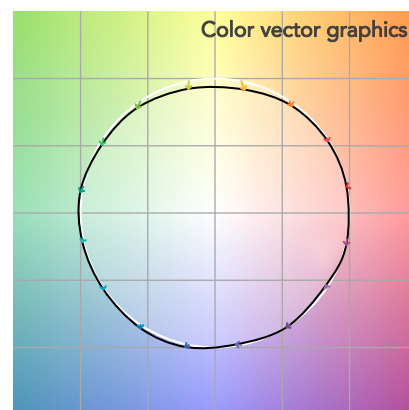
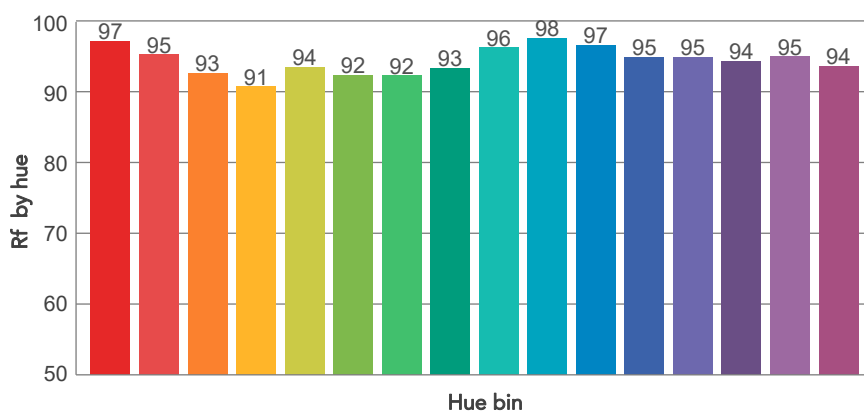
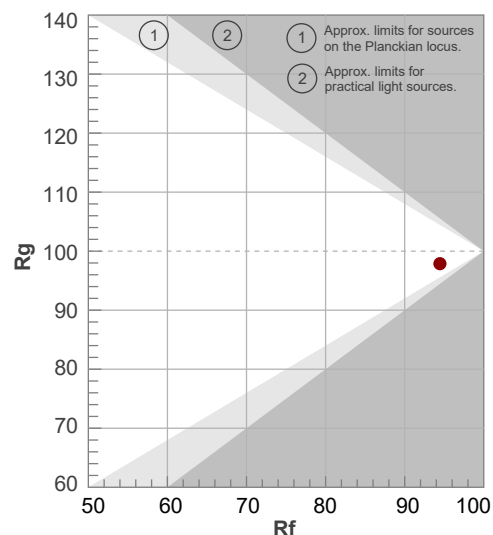
Rf 94,5

Fidelity index Rf

Rg 97,9

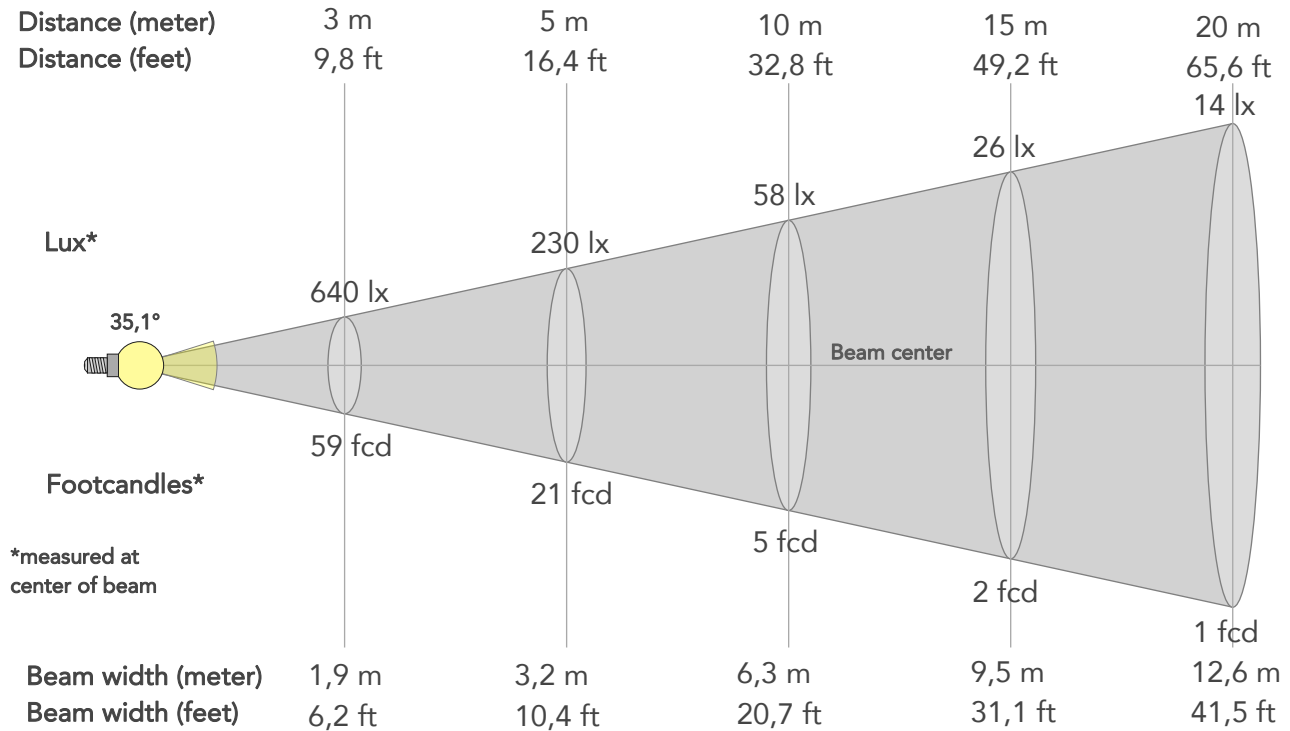
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	95	-1%	-2%
3	93	-2%	-3%
4	91	-6%	-4%
5	94	-6%	1%
6	92	-3%	5%
7	92	-2%	5%
8	93	1%	4%
9	96	1%	2%
10	98	1%	1%
11	97	2%	1%
12	95	2%	-2%
13	95	-1%	-4%
14	94	0%	-3%
15	95	-2%	1%
16	94	0%	-4%



BEAM DETAILS

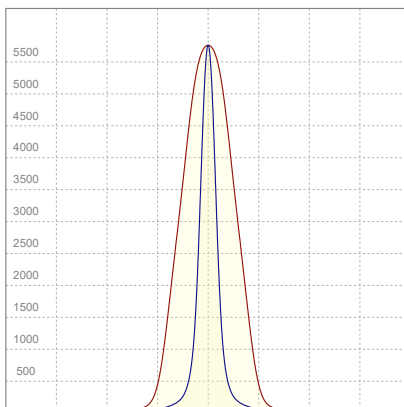
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35,1°	59,9°	82,6°	97,8%	92,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	5757lx	1439lx	640lx	360lx	230lx	102lx	58lx	26lx	14lx	9lx	6lx	4lx	2lx
Footcand.	535fcd	134fcd	59fcd	33fcd	21fcd	10fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,7m	6,3m	9,5m	12,6m	15,8m	19m	25,3m	31,6m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,4ft	15,5ft	20,7ft	31,1ft	41,5ft	51,8ft	62,2ft	82,9ft	103,6ft

LINEAR DISTRIBUTION DIAGRAM

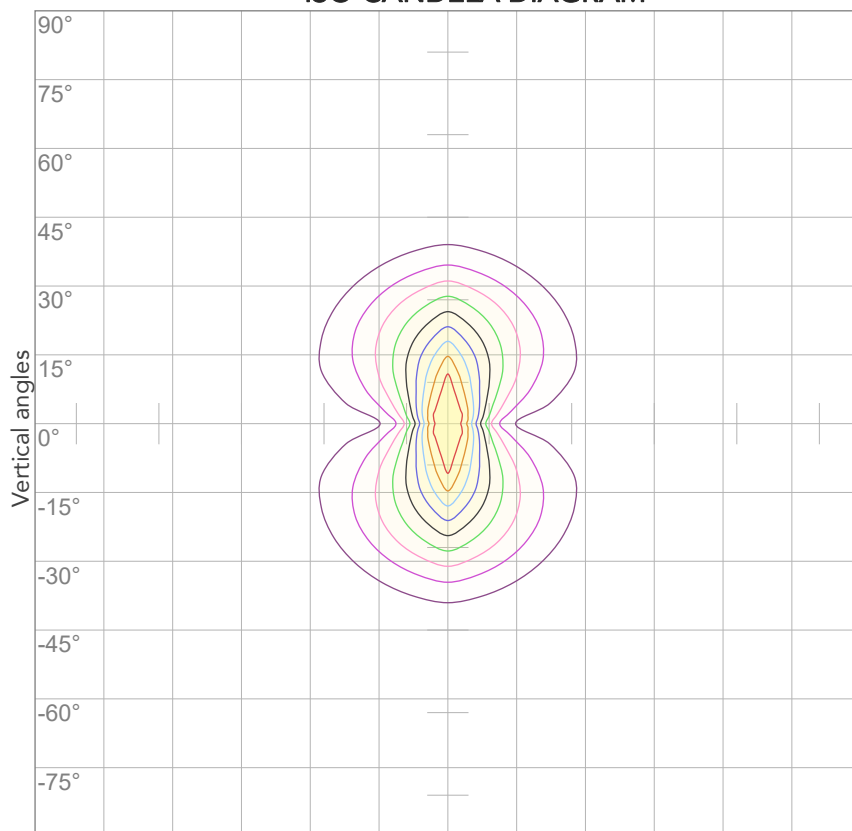


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
229V	0,251A	54,1W	0,94	53lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



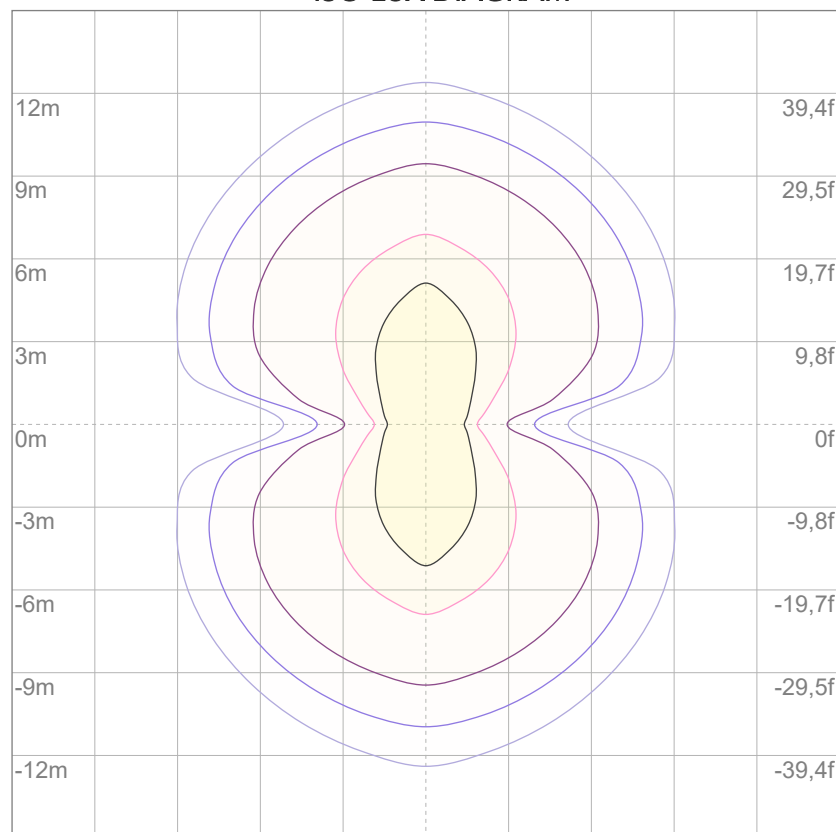
10%	576 cd
20%	1151 cd
30%	1727 cd
40%	2303 cd
50%	2879 cd
60%	3454 cd
70%	4030 cd
80%	4606 cd

Conditions:

Number of c-planes: 4

Candela at center: 5757 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,73 lx
5%	2,88 lx
10%	5,76 lx
30%	17,3 lx
50%	28,8 lx

Conditions:

Number of c-planes: 4

Lux at center: 57,6 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

1932 lm

Peak candela output:

2695 cd

Light quality:

CRI: 97,7

Color temperature:

2522 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
30°x60° Filter

Target:

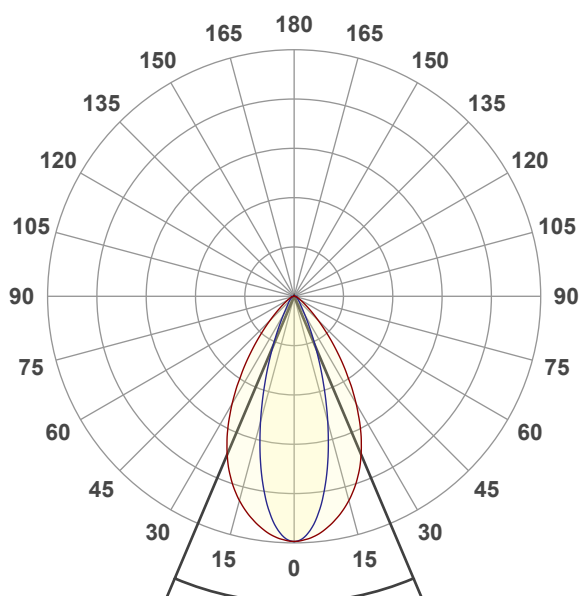
Warm White

Operator:

Giuseppe della Peruta

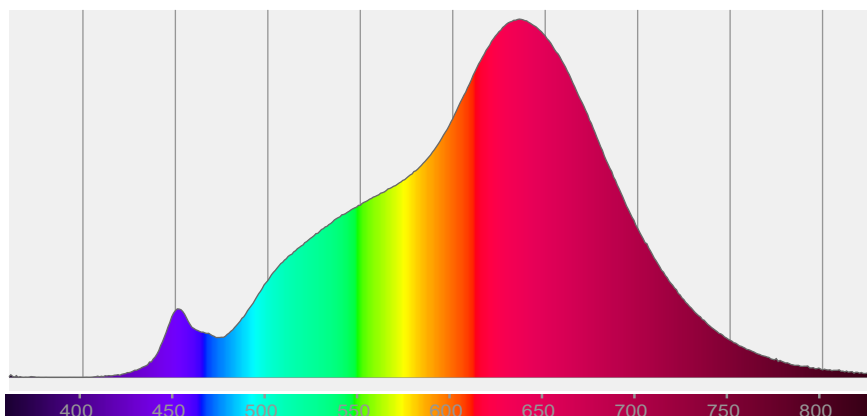
Date and time:

05/08/2025 15:43:24

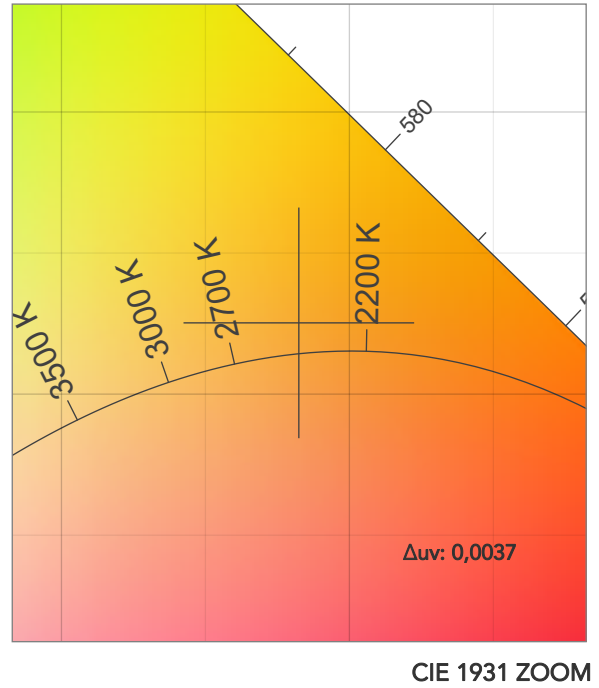
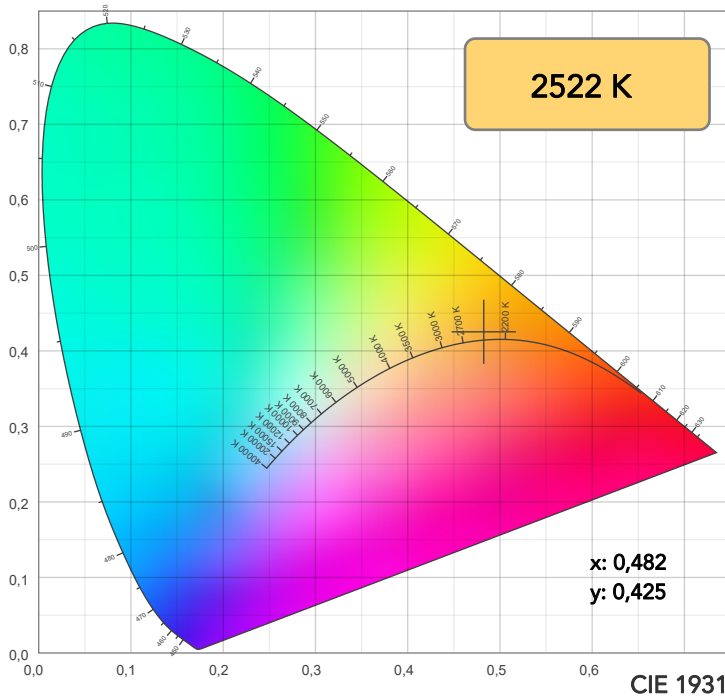


	Blue curve V	Red curve H
Beam angle 50%:	31,3°	60,4°
Field angle 10%:	58°	95,9°
Cut off angle 2.5%:	93,9°	124,5°

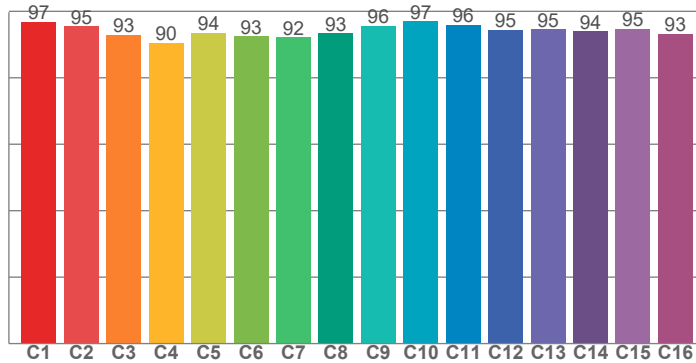
Spectra



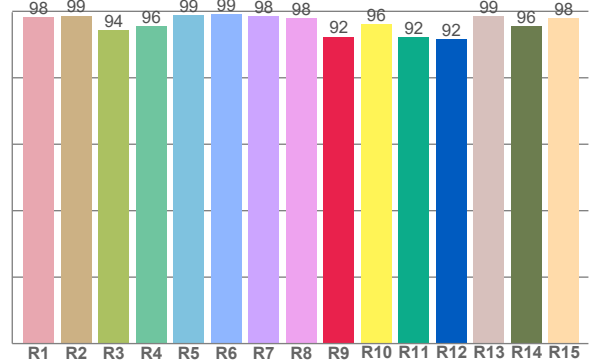
COLOR DETAILS



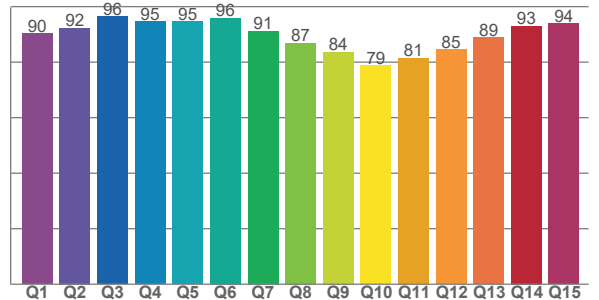
TM30: 94,3



CRI: 97,7 (R1-R8)



CQS: 87,9



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,3	98,7	94,2	95,6	98,7	99,2	98,4	98,1	92,4	96,0	92,3	91,7	98,6	95,6	98,0

TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,9	95,5	93,0	90,5	93,5	92,5	92,1	93,3	95,6	97,0	95,9	94,5	94,5	94,0	94,7	93,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,4	92,3	96,4	94,7	94,7	95,9	91,2	86,9	83,7	78,9	81,4	84,5	88,8	93,0	94,0

COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2522 K	97,7	92,4	94,3	98,0	87,9	97	0,482	0,425	0,0037

TM30 DETAILS

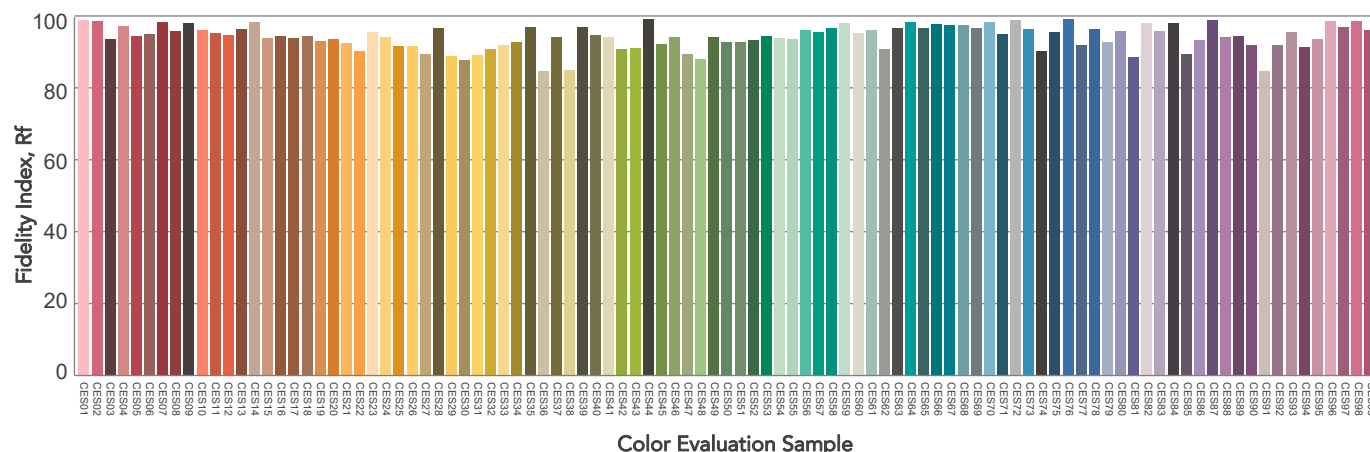
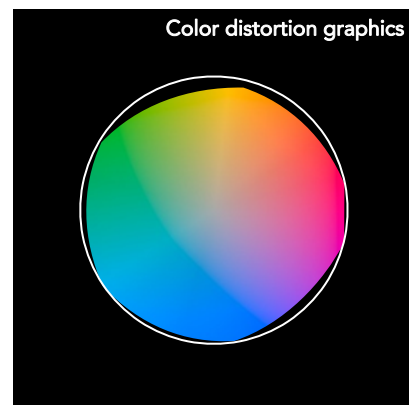
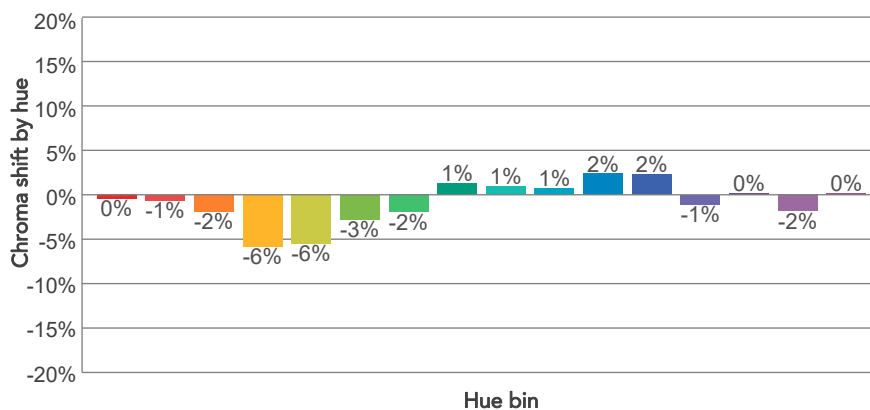
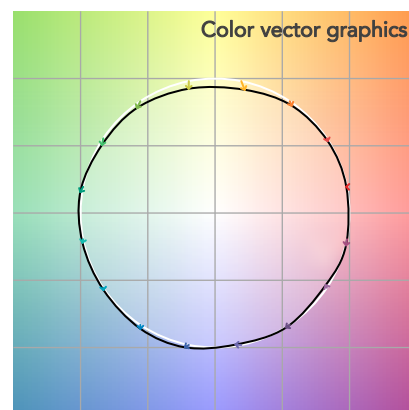
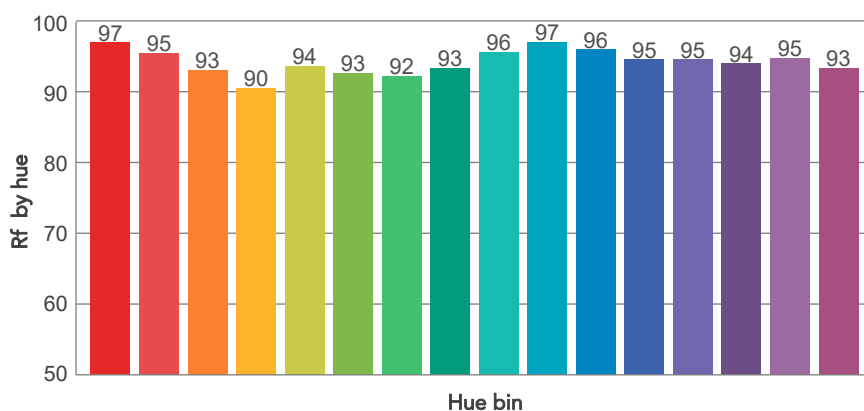
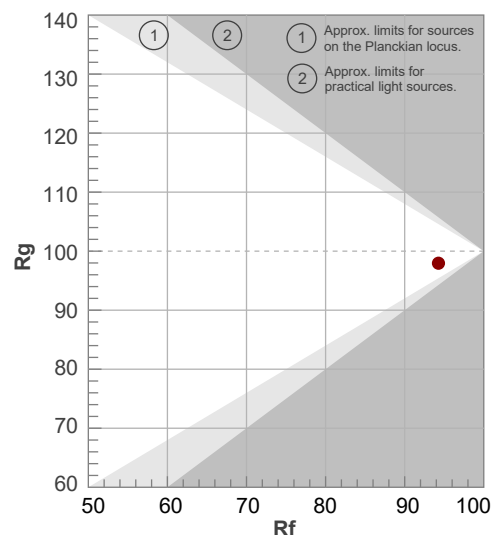
Rf 94,3

Fidelity index Rf

Rg 98,0

Gammut index

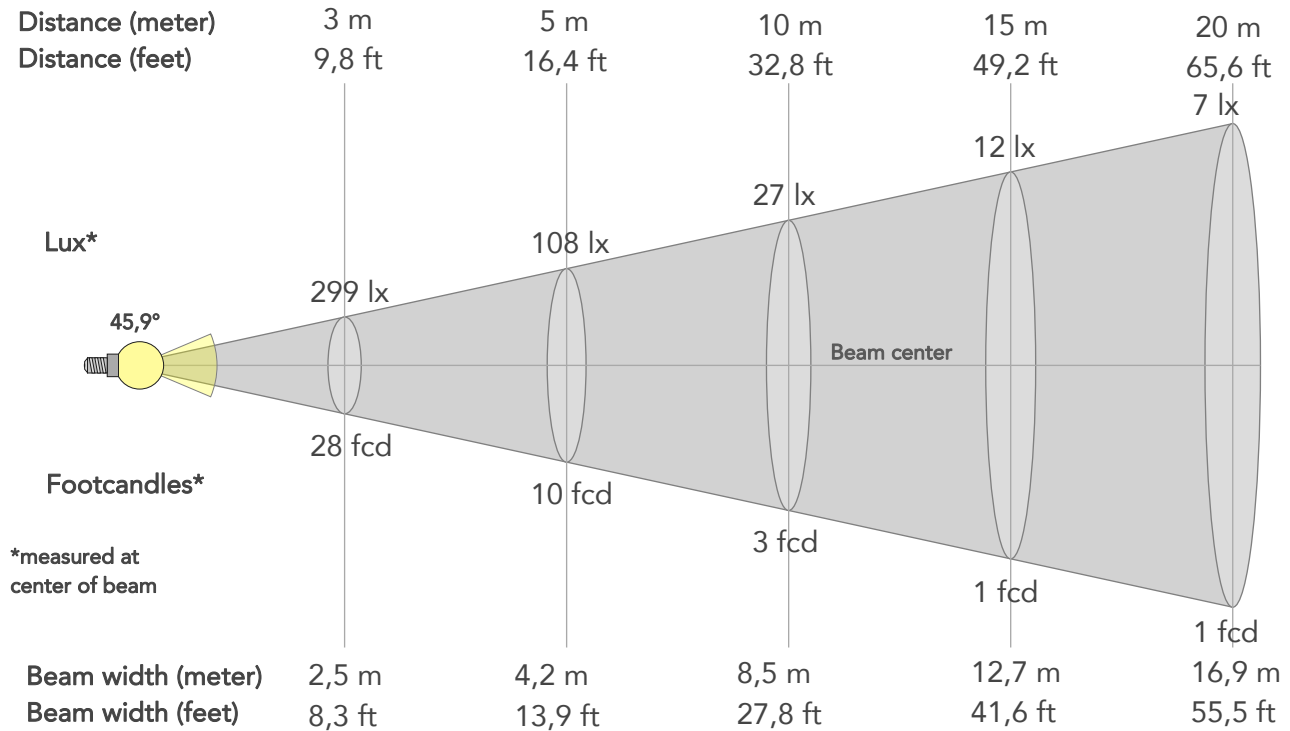
		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	97	0%	0%
2	95	-1%	-2%
3	93	-2%	-3%
4	90	-6%	-4%
5	94	-6%	1%
6	93	-3%	5%
7	92	-2%	5%
8	93	1%	4%
9	96	1%	2%
10	97	1%	1%
11	96	2%	2%
12	95	2%	-2%
13	95	-1%	-4%
14	94	0%	-3%
15	95	-2%	1%
16	93	0%	-5%



BEAM DETAILS



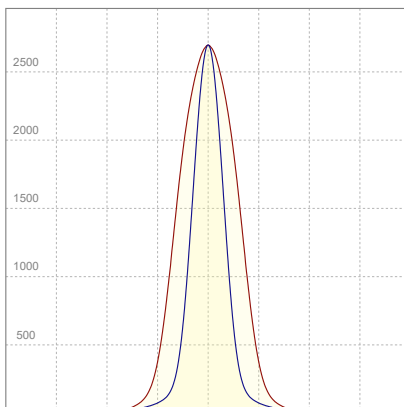
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,9°	76,9°	109,2°	96,7%	88,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	2695lx	674lx	299lx	168lx	108lx	48lx	27lx	12lx	7lx	4lx	3lx	2lx	1lx
Footcand.	250fcd	63fcd	28fcd	16fcd	10fcd	4fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,4m	4,2m	6,3m	8,5m	12,7m	16,9m	21,2m	25,4m	33,9m	42,3m
Beam wid.	2,8ft	5,6ft	8,3ft	11,1ft	13,9ft	20,8ft	27,8ft	41,6ft	55,5ft	69,4ft	83,3ft	111ft	138,8ft

LINEAR DISTRIBUTION DIAGRAM

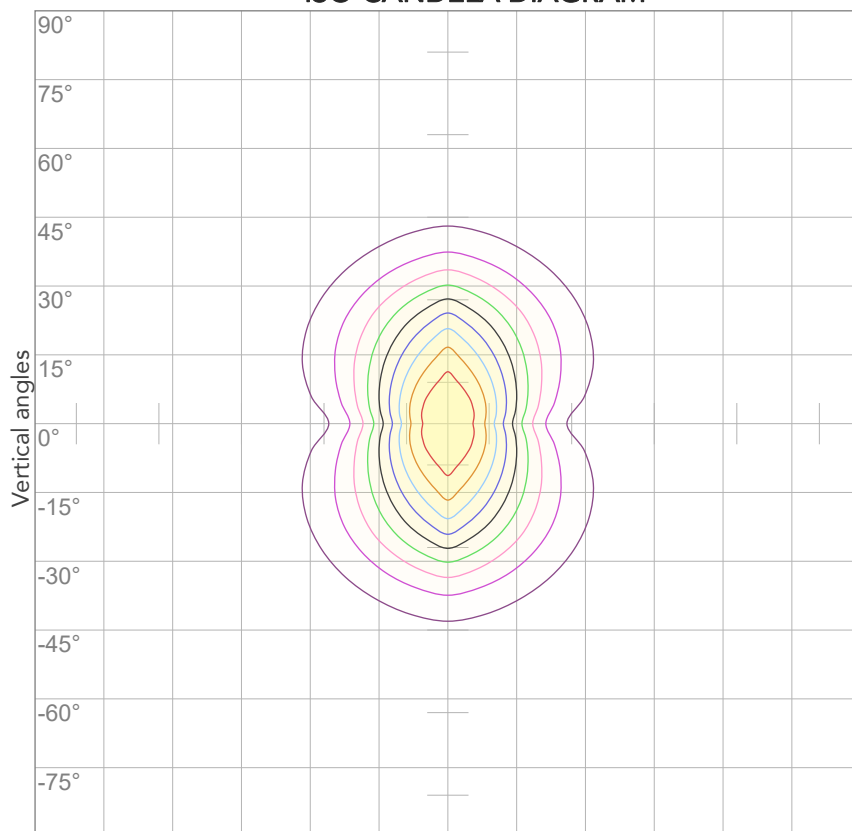


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,245A	52,4W	0,94	37lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



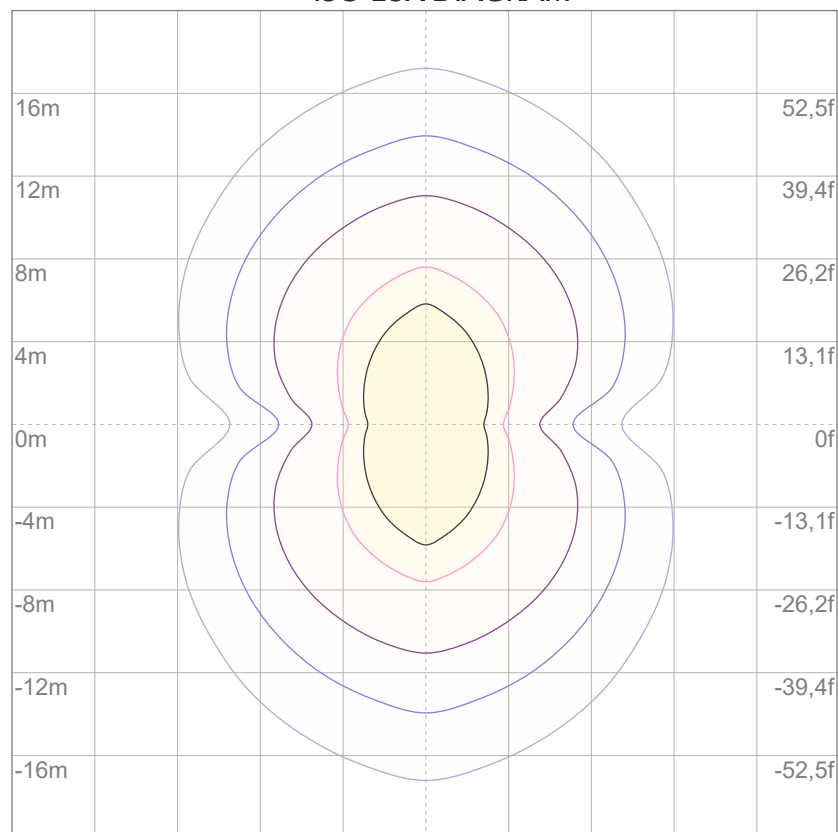
10%	270 cd
20%	539 cd
30%	809 cd
40%	1078 cd
50%	1348 cd
60%	1617 cd
70%	1887 cd
80%	2156 cd

Conditions:

Number of c-planes: 4

Candela at center: 2695 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,809 lx
5%	1,35 lx
10%	2,70 lx
30%	8,09 lx
50%	13,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 27,0 lx

*Lux distribution on a surface
when lamp is mounted at 10
meters from the surface.*



Total lumen output:

3667 lm

Peak candela output:

49228 cd

Light quality:

CRI: 94,8

Color temperature:

6591 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Narrow Lens

Target:

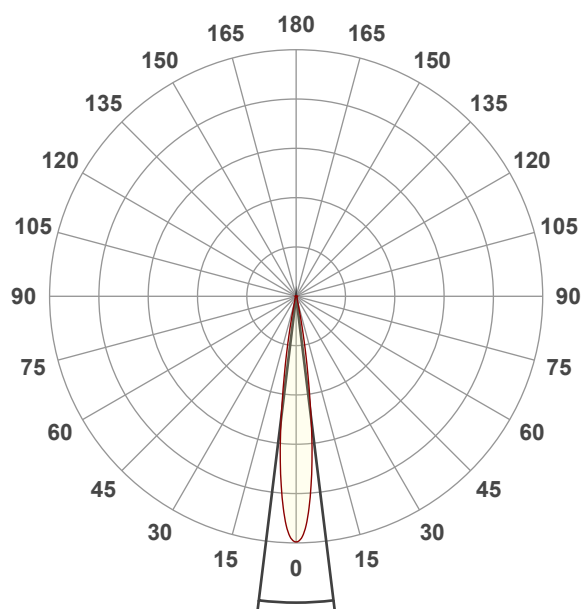
Cold White

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 12:56:01

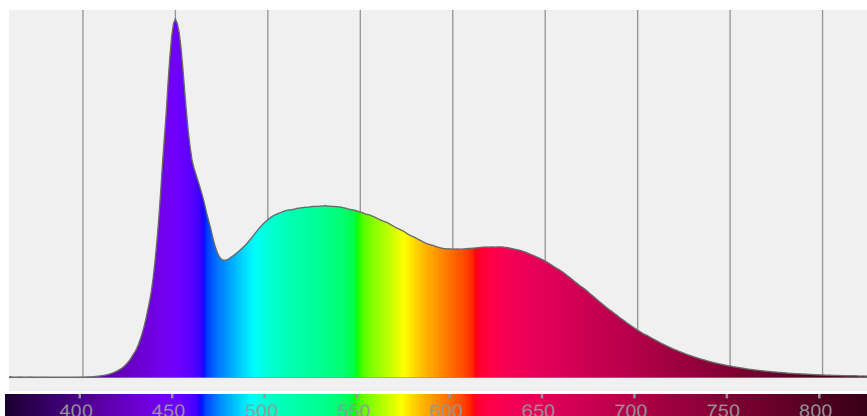


Beam angle 50%: 14°

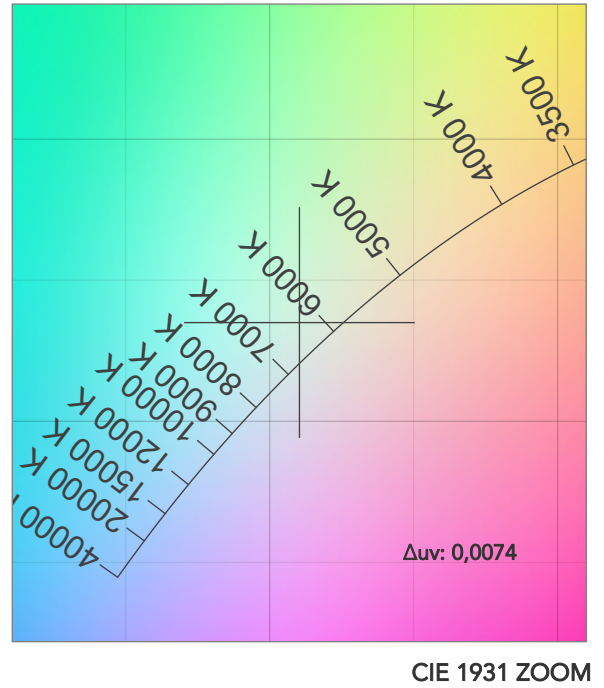
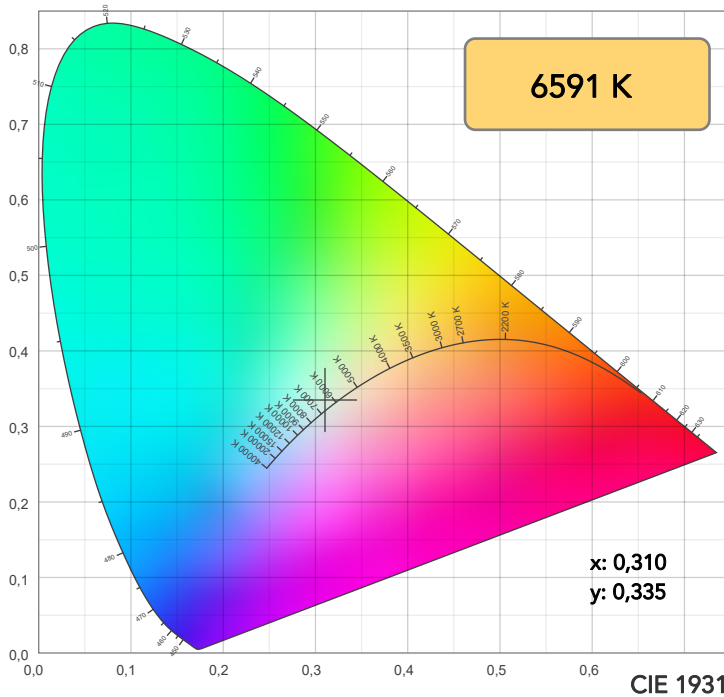
Field angle 10%: 23,1°

Cut off angle 2.5%: 31,5°

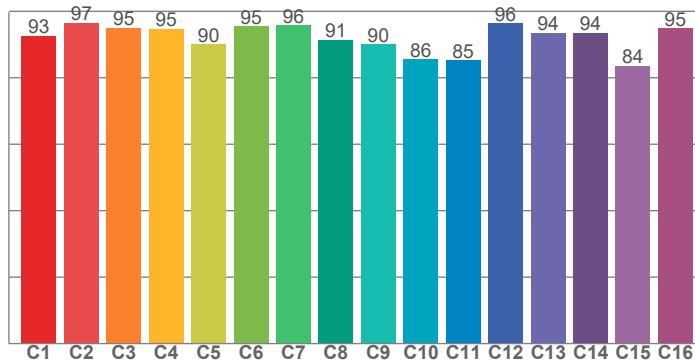
Spectra



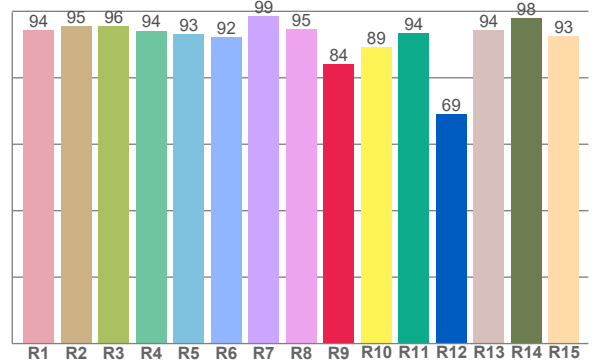
COLOR DETAILS



TM30: 91,9



CRI: 94,8 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,3	95,5	95,6	94,2	93,1	92,2	98,5	94,7	84,1	89,3	93,5	69,0	94,4	97,8	92,6

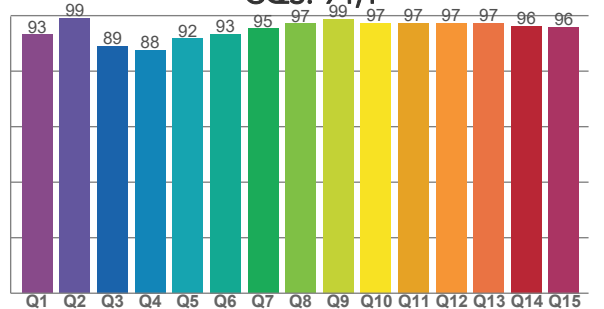
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,7	96,6	95,1	94,8	90,2	95,4	95,9	91,4	90,0	85,6	85,2	96,4	93,5	93,5	83,6	94,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,1	99,1	89,0	87,6	91,8	93,4	95,4	97,2	98,8	97,4	97,3	97,3	97,3	96,3	96,0

CQS: 94,1



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6591 K	94,8	84,1	91,9	98,0	94,1	99	0,310	0,335	0,0074

TM30 DETAILS

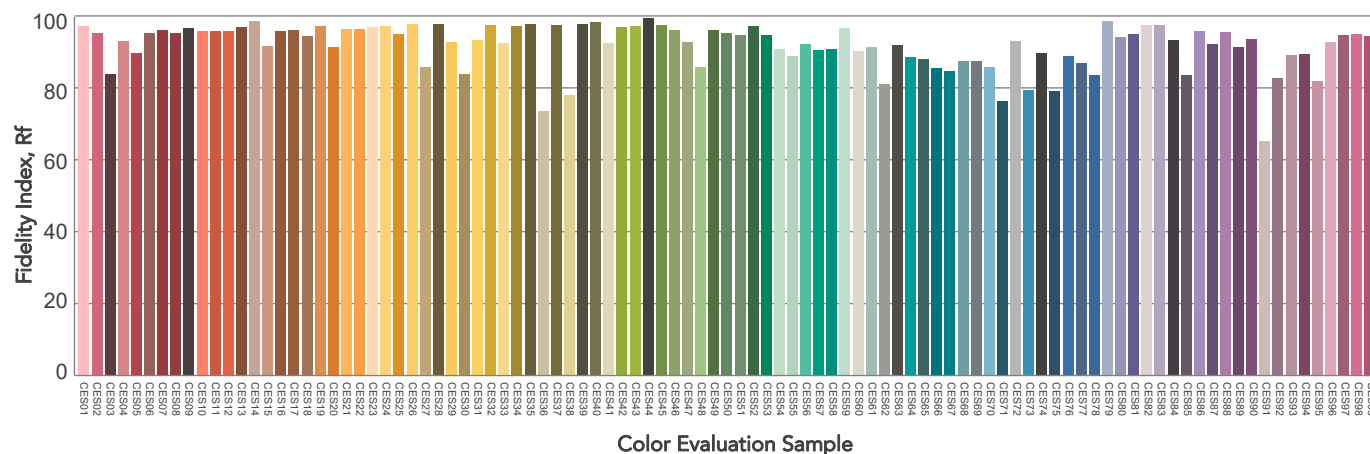
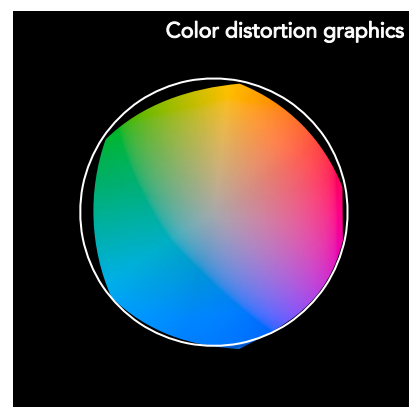
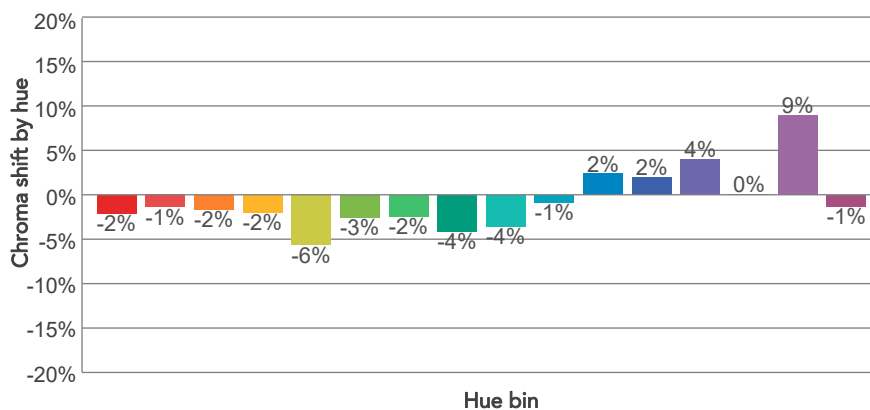
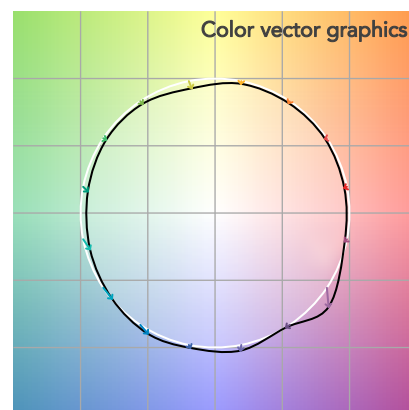
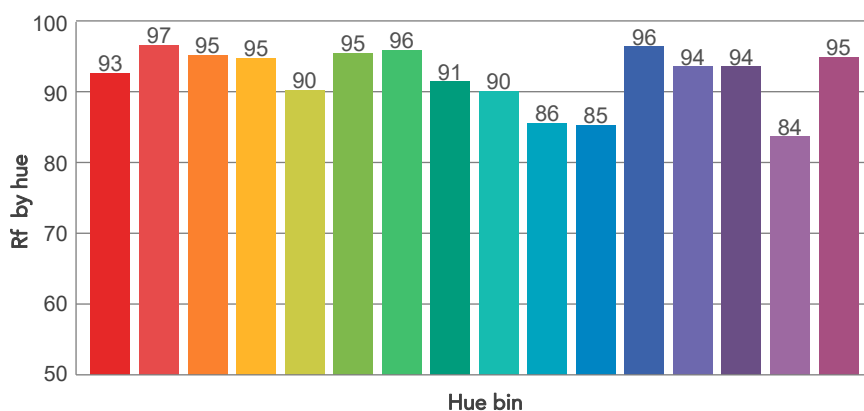
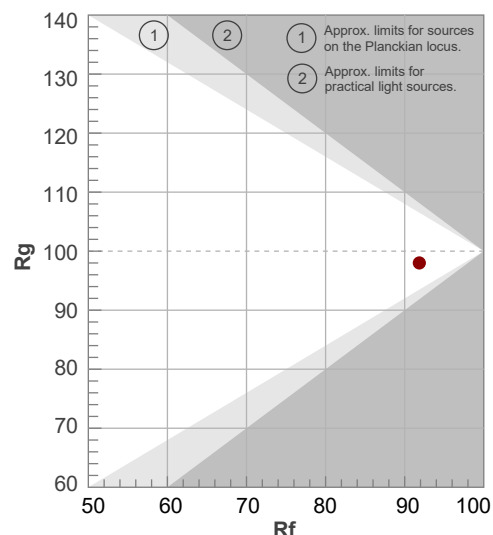
Rf 91,9

Fidelity index Rf

Rg 98,0

Gammut index

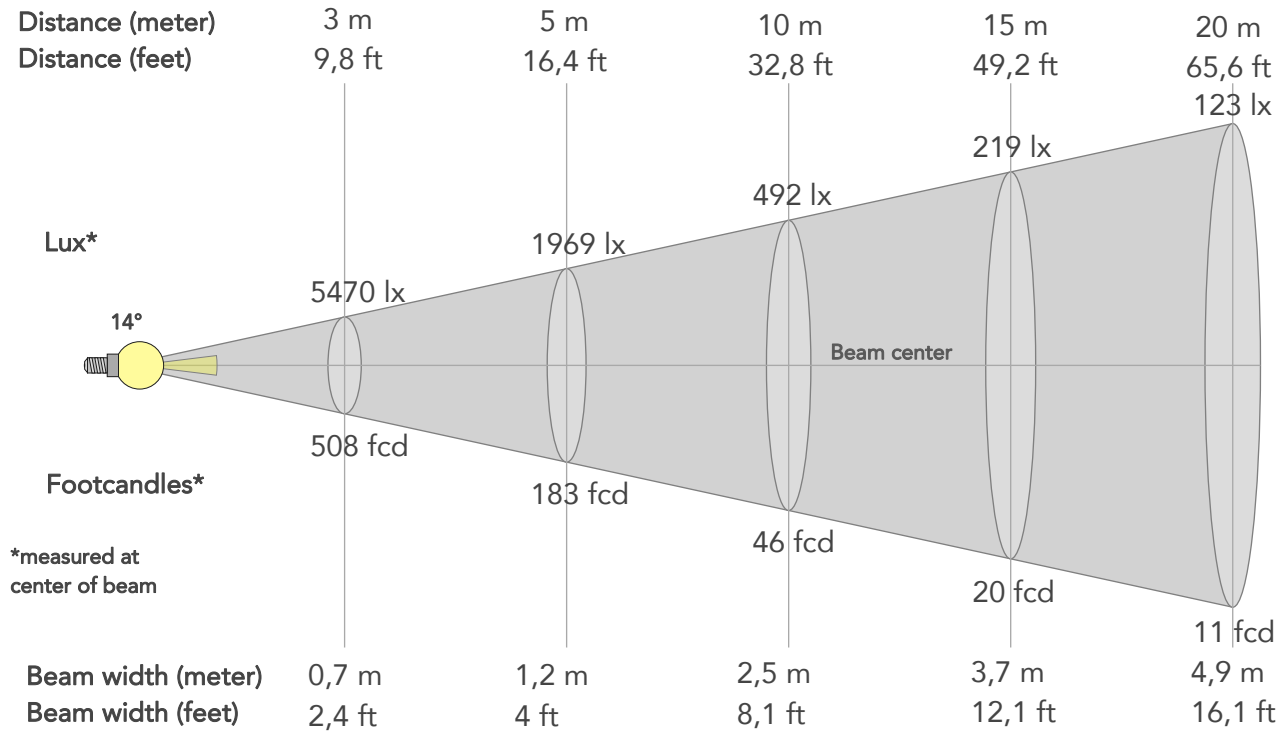
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	93	-2%	0%
2	97	-1%	0%
3	95	-2%	0%
4	95	-2%	0%
5	90	-6%	-1%
6	95	-3%	0%
7	96	-2%	0%
8	91	-4%	3%
9	90	-4%	8%
10	86	-1%	10%
11	85	2%	8%
12	96	2%	2%
13	94	4%	-1%
14	94	0%	-3%
15	84	9%	-11%
16	95	-1%	-2%



BEAM DETAILS



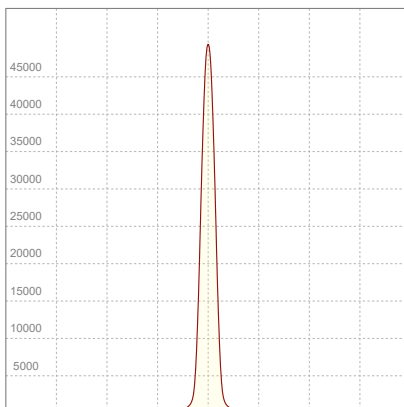
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14°	23,1°	31,5°	97,7%	94,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	49228lx	12307lx	5470lx	3077lx	1969lx	875lx	492lx	219lx	123lx	79lx	55lx	31lx	20lx
Footcand.	4573fcd	1143fcd	508fcd	286fcd	183fcd	81fcd	46fcd	20fcd	11fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,5m	3,7m	4,9m	6,1m	7,4m	9,8m	12,3m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6ft	8,1ft	12,1ft	16,1ft	20,1ft	24,2ft	32,2ft	40,3ft

LINEAR DISTRIBUTION DIAGRAM

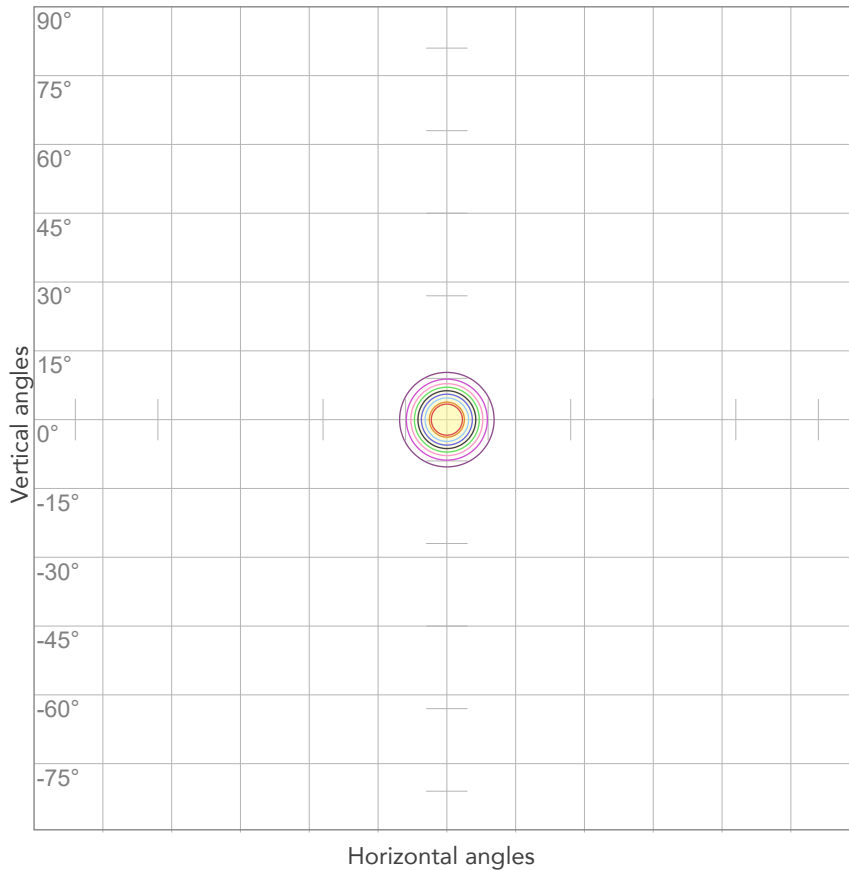


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,263A	56,6W	0,94	65lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



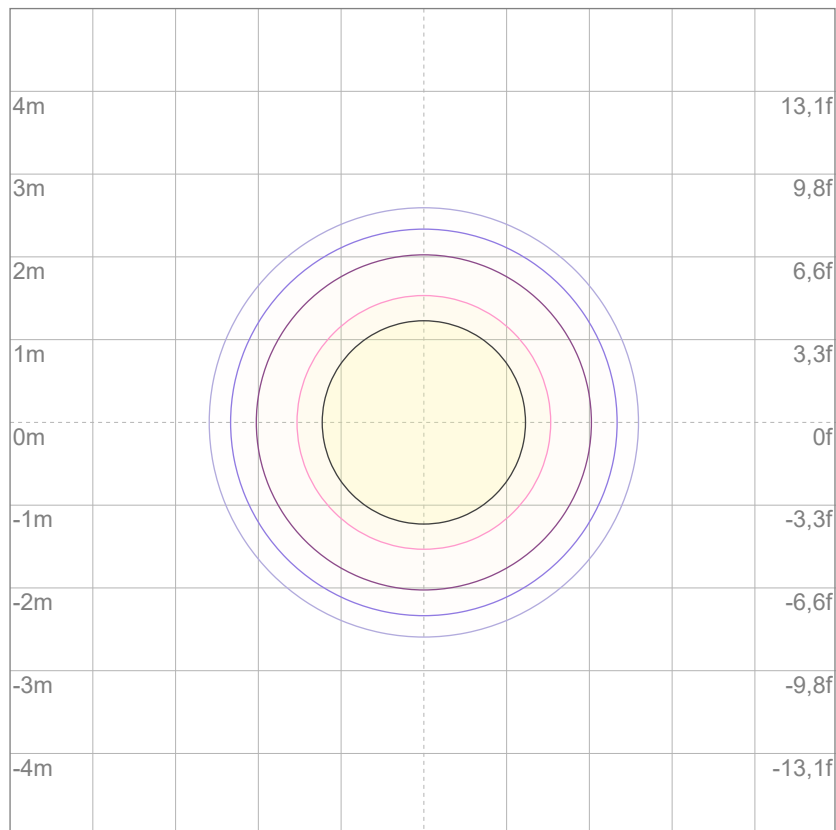
10%	4923 cd
20%	9846 cd
30%	14768 cd
40%	19691 cd
50%	24614 cd
60%	29537 cd
70%	34459 cd
80%	39382 cd

Conditions:

Number of c-planes: 2

Candela at center: 49228 cd

ISO LUX DIAGRAM



3%	14,8 lx
5%	24,6 lx
10%	49,2 lx
30%	148 lx
50%	246 lx

Conditions:

Number of c-planes: 2

Lux at center: 492 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3312 lm

Peak candela output:

12124 cd

Light quality:

CRI: 95,4

Color temperature:

6698 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Medium Lens

Target:

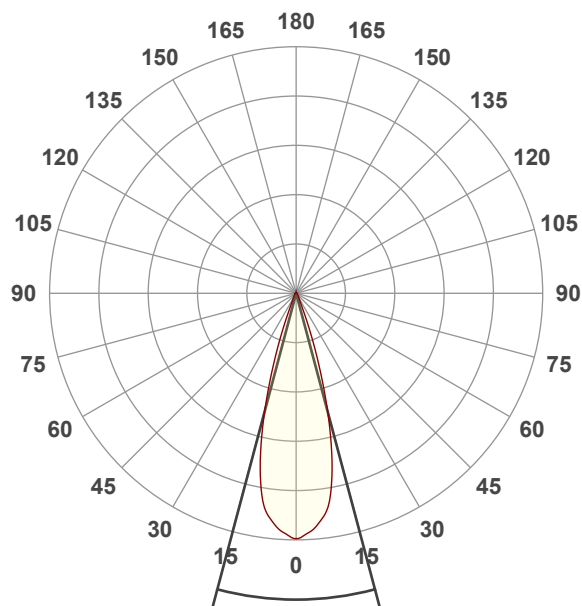
Cold White

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 16:44:51

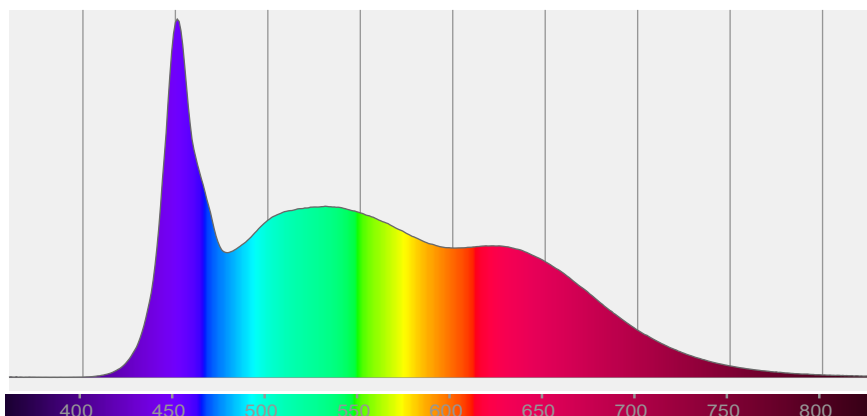


Beam angle 50%: 29,8°

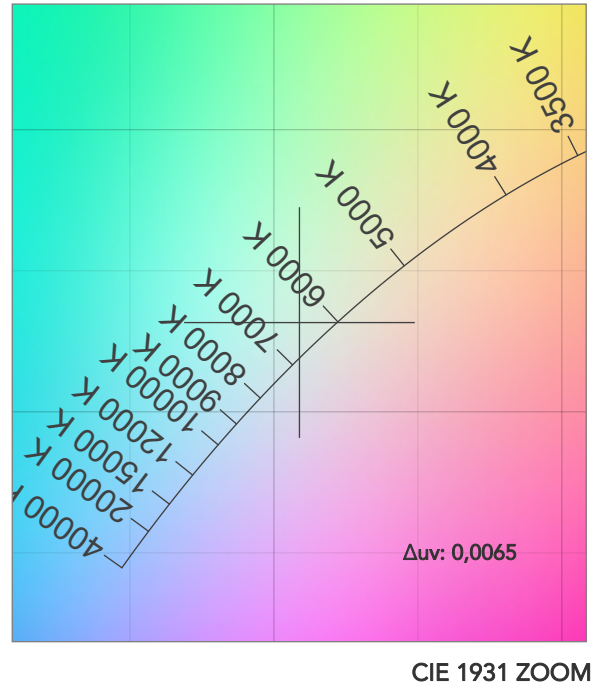
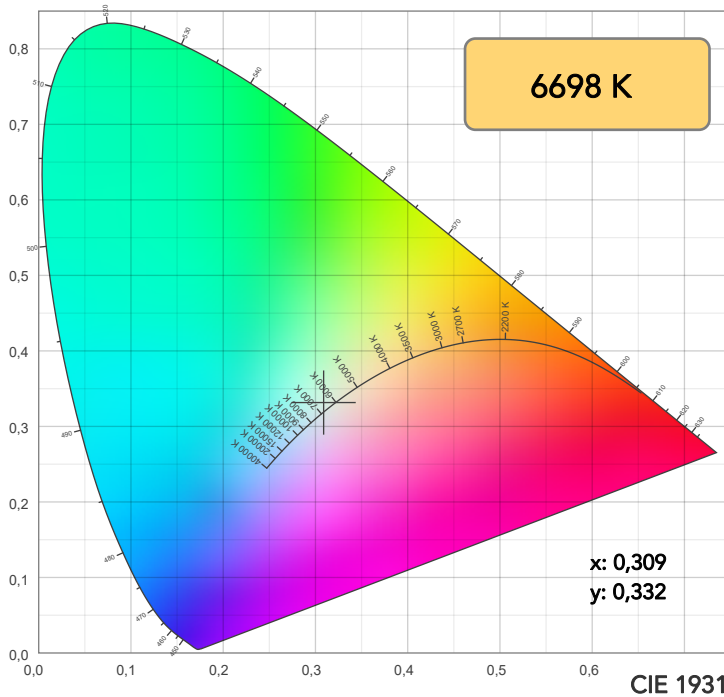
Field angle 10%: 43,3°

Cut off angle 2.5%: 59,3°

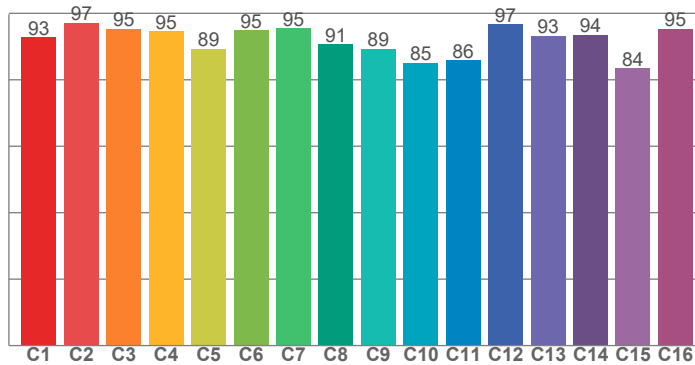
Spectra



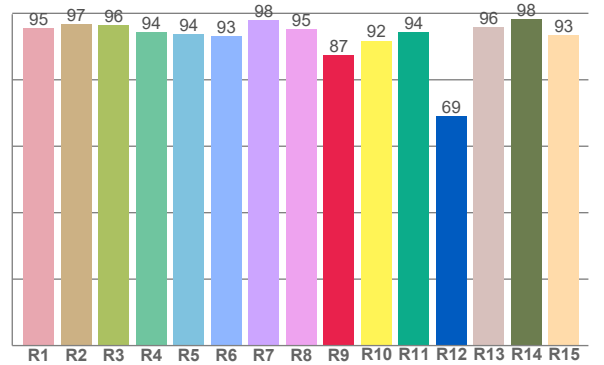
COLOR DETAILS



TM30: 91,7



CRI: 95,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,4	96,7	96,4	94,4	93,8	93,2	97,9	95,1	87,3	91,8	94,4	69,2	95,8	98,2	93,4

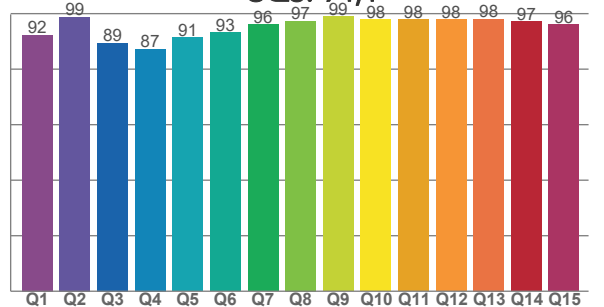
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,7	97,2	95,3	94,6	89,3	94,9	95,4	90,7	89,3	85,1	85,8	96,8	93,2	93,5	83,5	95,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,3	98,7	89,4	87,3	91,4	93,1	96,0	97,4	99,0	97,9	97,8	98,0	98,0	97,1	96,0

CQS: 94,1



COLOR PARAMETERS

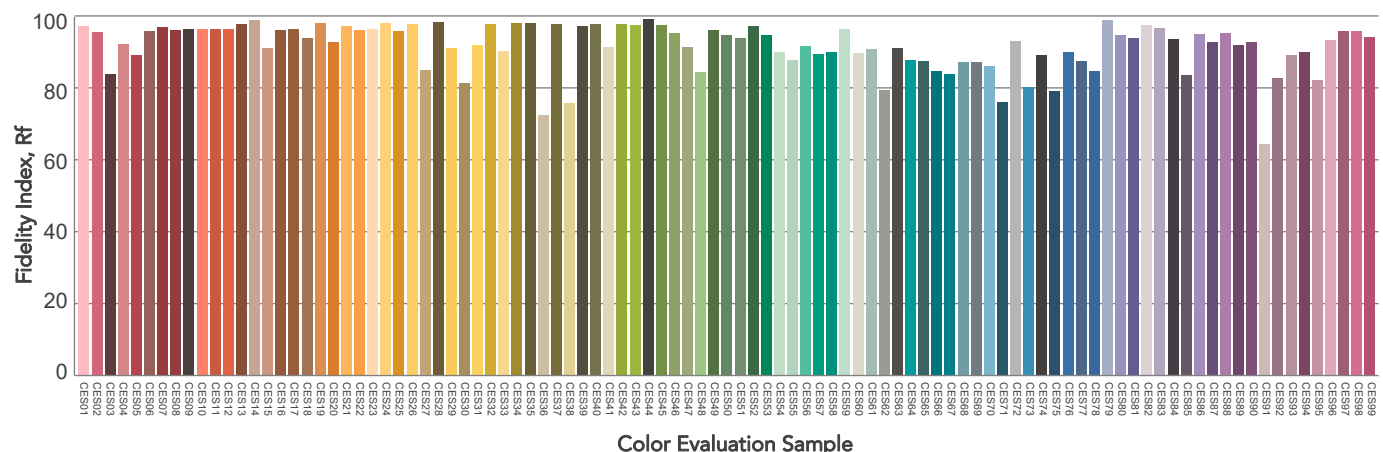
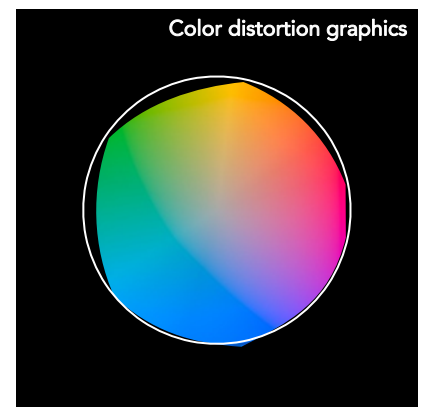
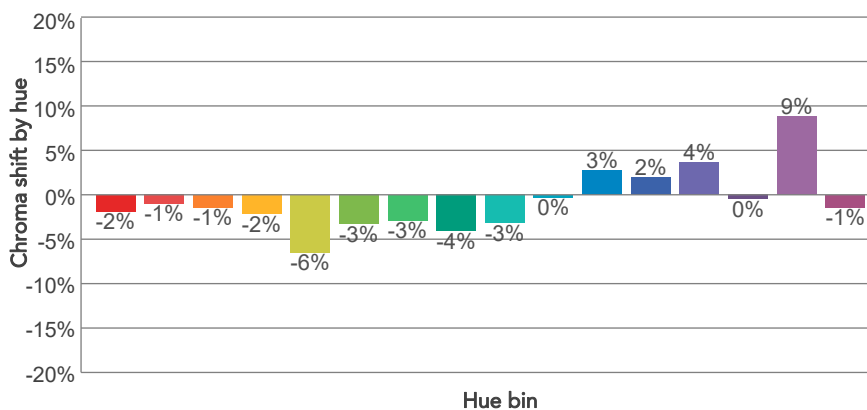
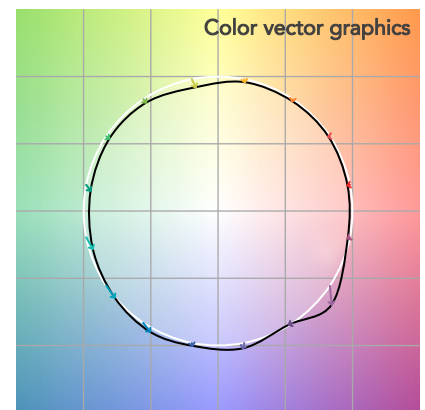
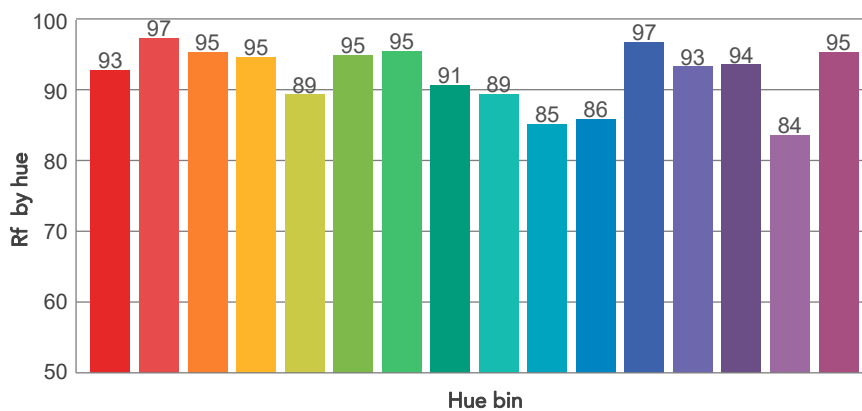
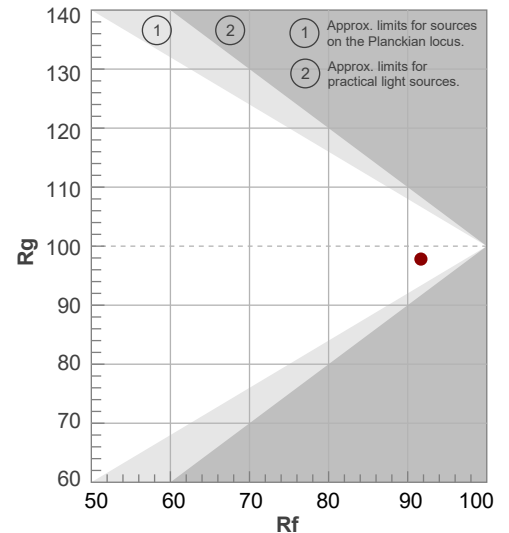
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6698 K	95,4	87,3	91,7	97,8	94,1	98	0,309	0,332	0,0065

TM30 DETAILS

Rf 91,7
Fidelity index Rf

Rg 97,8
Gammut index

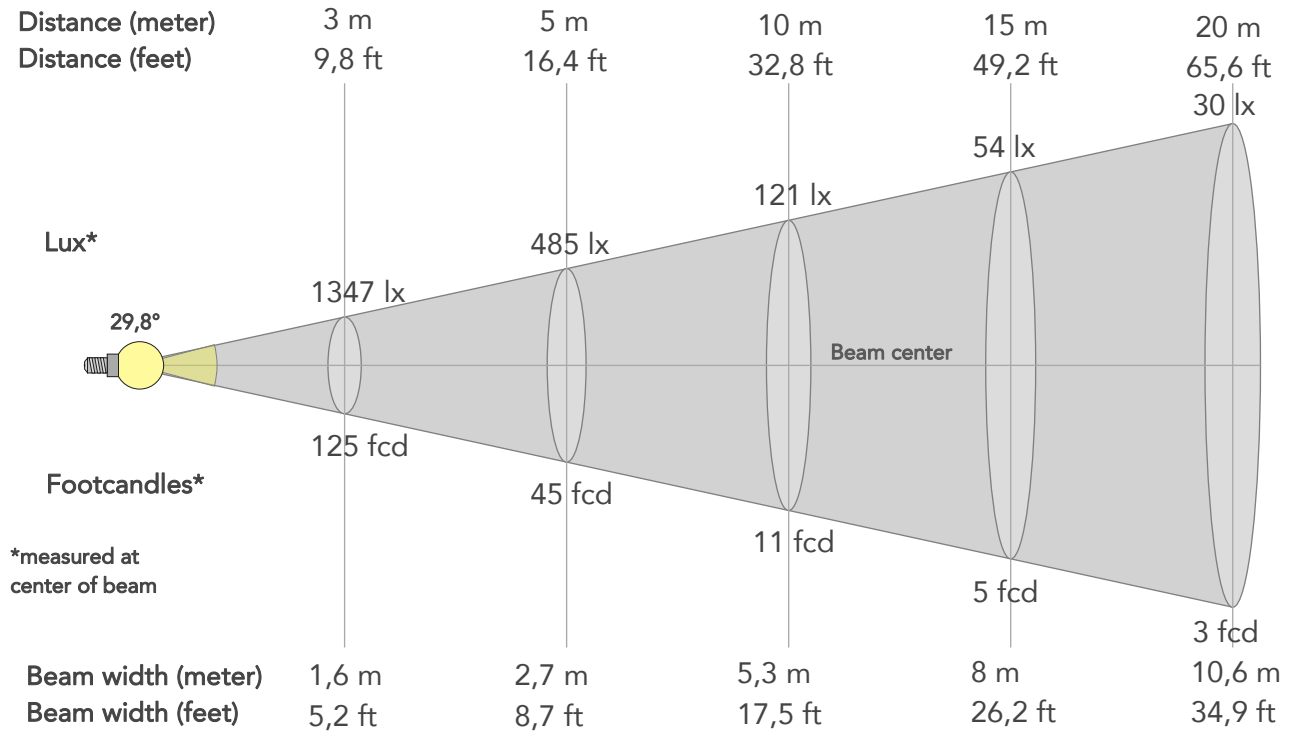
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	93	-2%	0%
2	97	-1%	1%
3	95	-1%	-1%
4	95	-2%	-1%
5	89	-6%	-2%
6	95	-3%	0%
7	95	-3%	0%
8	91	-4%	4%
9	89	-3%	9%
10	85	0%	11%
11	86	3%	8%
12	97	2%	1%
13	93	4%	-2%
14	94	0%	-3%
15	84	9%	-11%
16	95	-1%	-1%



BEAM DETAILS



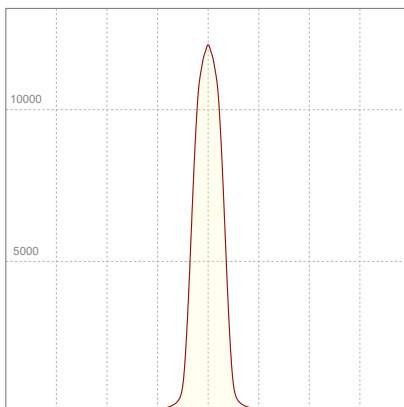
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,8°	43,3°	59,3°	97,4%	94,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	12124lx	3031lx	1347lx	758lx	485lx	216lx	121lx	54lx	30lx	19lx	13lx	8lx	5lx
Footcand.	1126fcd	282fcd	125fcd	70fcd	45fcd	20fcd	11fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1,1m	1,6m	2,1m	2,7m	4m	5,3m	8m	10,6m	13,3m	16m	21,3m	26,6m
Beam wid.	1,8ft	3,5ft	5,2ft	7ft	8,7ft	13,1ft	17,5ft	26,2ft	34,9ft	43,7ft	52,4ft	69,9ft	87,3ft

LINEAR DISTRIBUTION DIAGRAM

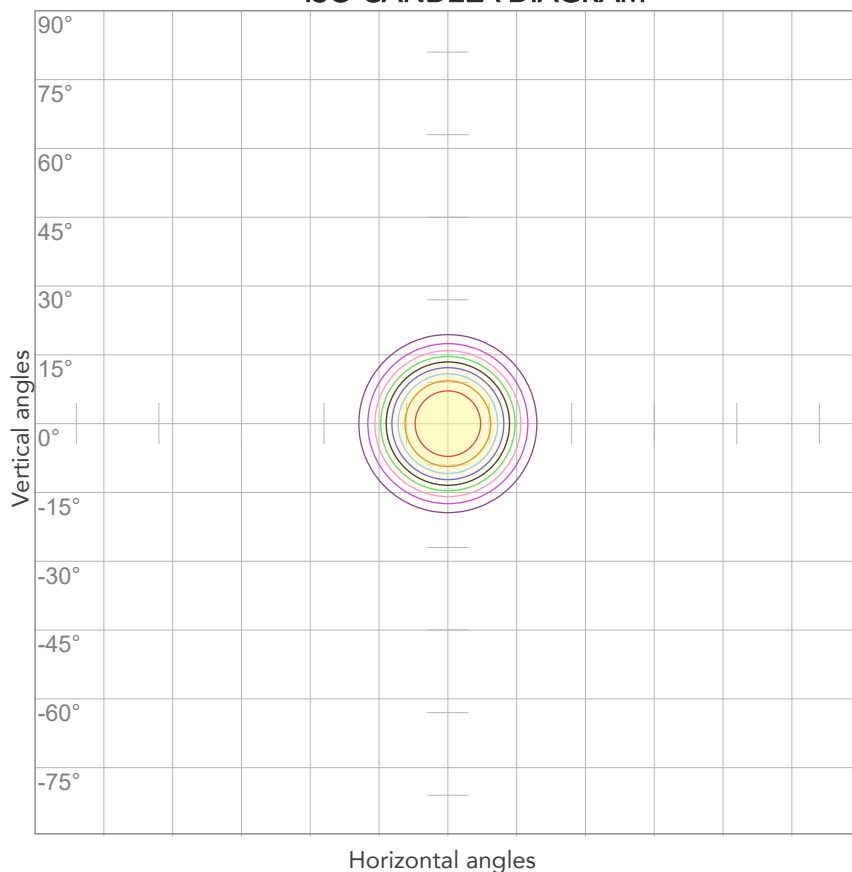


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,255A	54,8W	0,94	60lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



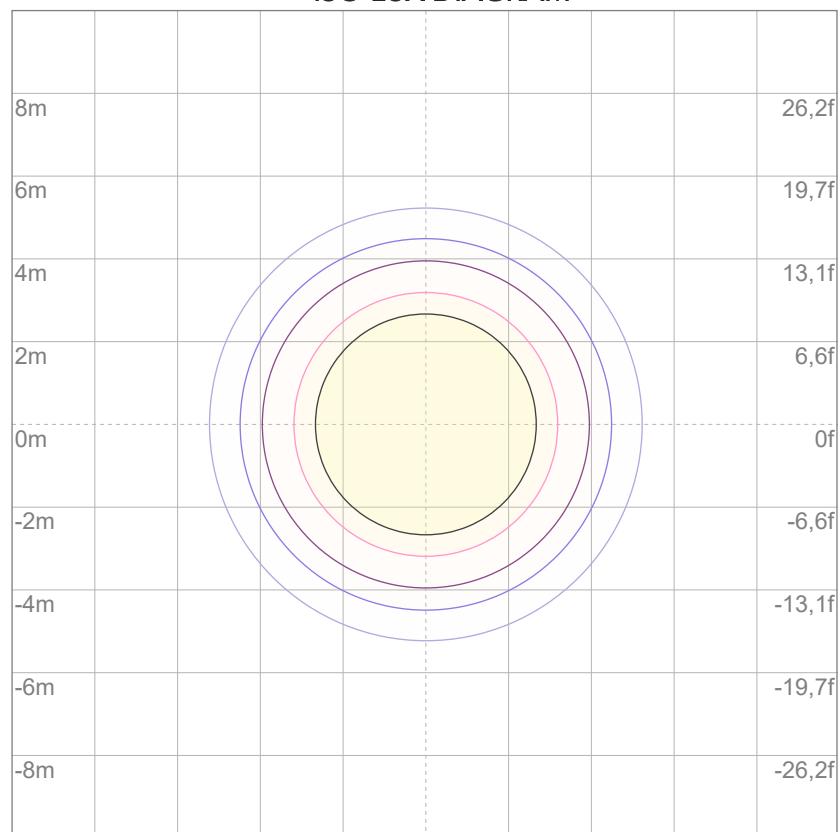
10%	1212 cd
20%	2425 cd
30%	3637 cd
40%	4850 cd
50%	6062 cd
60%	7274 cd
70%	8487 cd
80%	9699 cd

Conditions:

Number of c-planes: 2

Candela at center: 12124 cd

ISO LUX DIAGRAM



3%	3,64 lx
5%	6,06 lx
10%	12,1 lx
30%	36,4 lx
50%	60,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 121 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3457 lm

Peak candela output:

4479 cd

Light quality:

CRI: 95,2

Color temperature:

6704 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Wide Lens

Target:

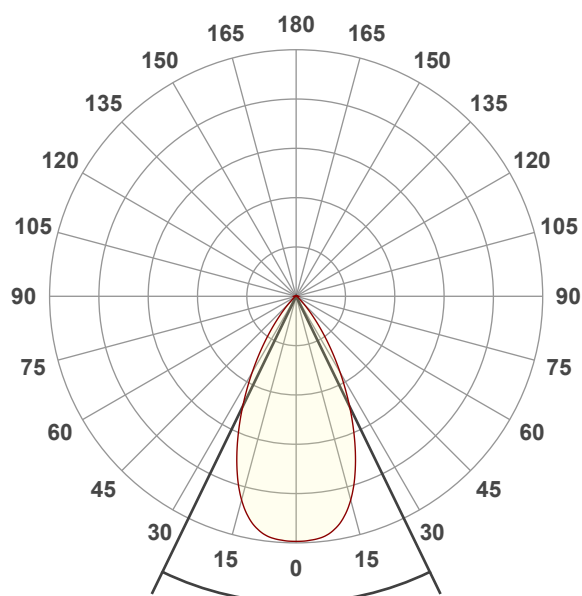
Cold White

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 17:01:38

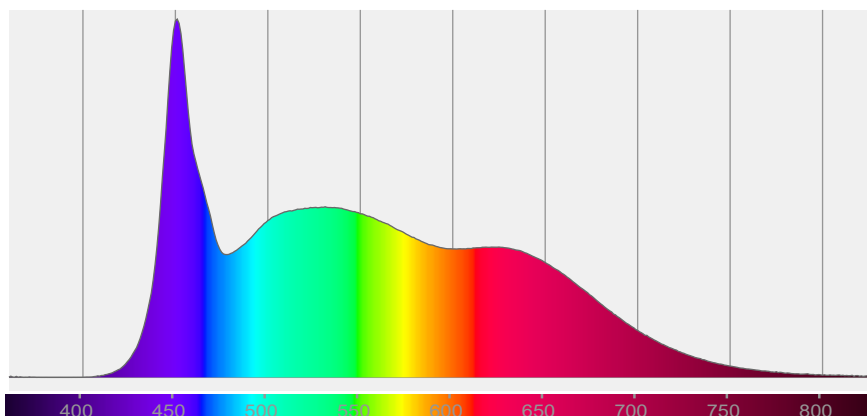


Beam angle 50%: 51,8°

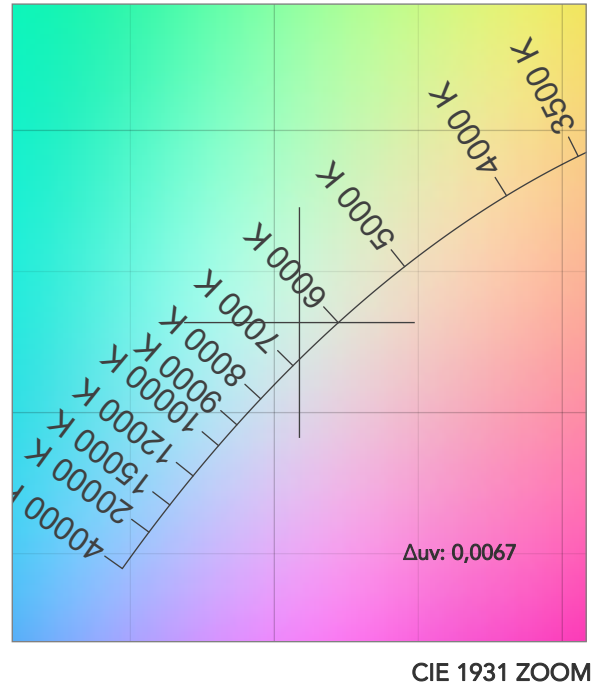
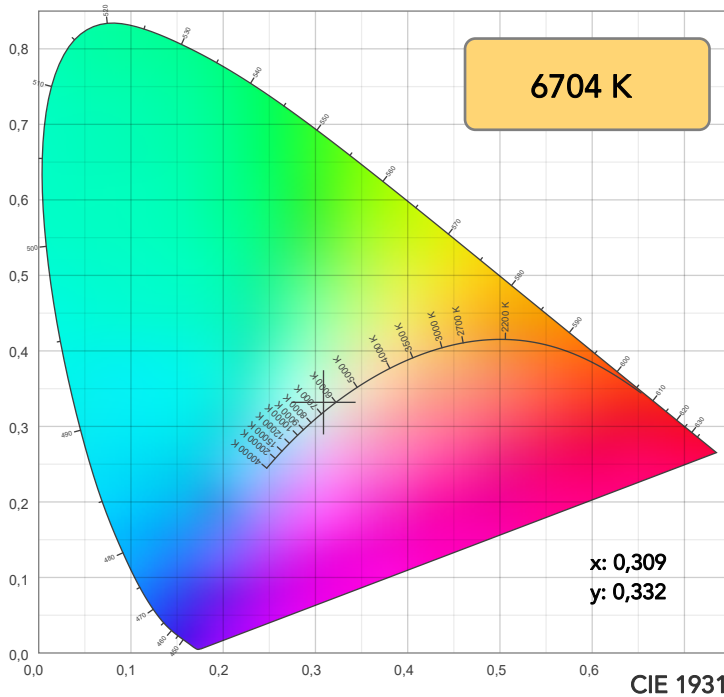
Field angle 10%: 80,8°

Cut off angle 2.5%: 97,3°

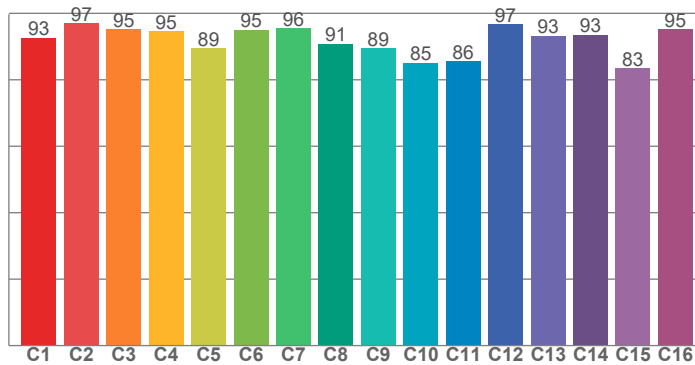
Spectra



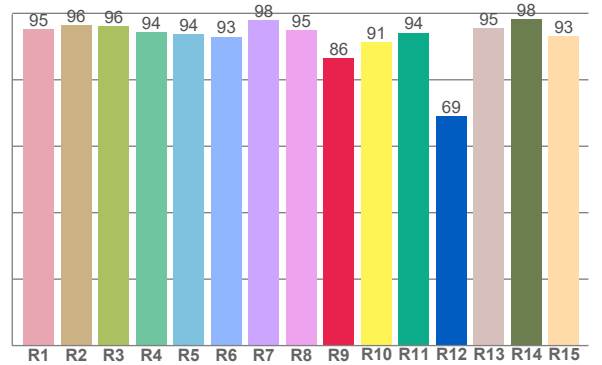
COLOR DETAILS



TM30: 91,7



CRI: 95,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,1	96,4	96,2	94,4	93,6	93,0	98,0	95,0	86,4	91,2	94,2	69,0	95,4	98,2	93,2

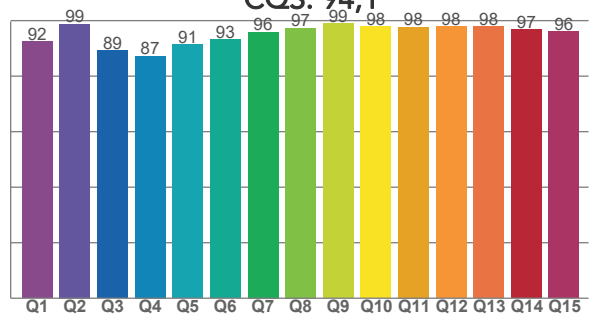
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,7	97,1	95,3	94,6	89,4	95,0	95,5	90,8	89,4	85,1	85,6	96,7	93,3	93,5	83,5	95,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,4	98,8	89,3	87,3	91,4	93,2	95,9	97,3	99,0	97,8	97,7	97,8	97,8	96,9	96,0

CQS: 94,1



COLOR PARAMETERS

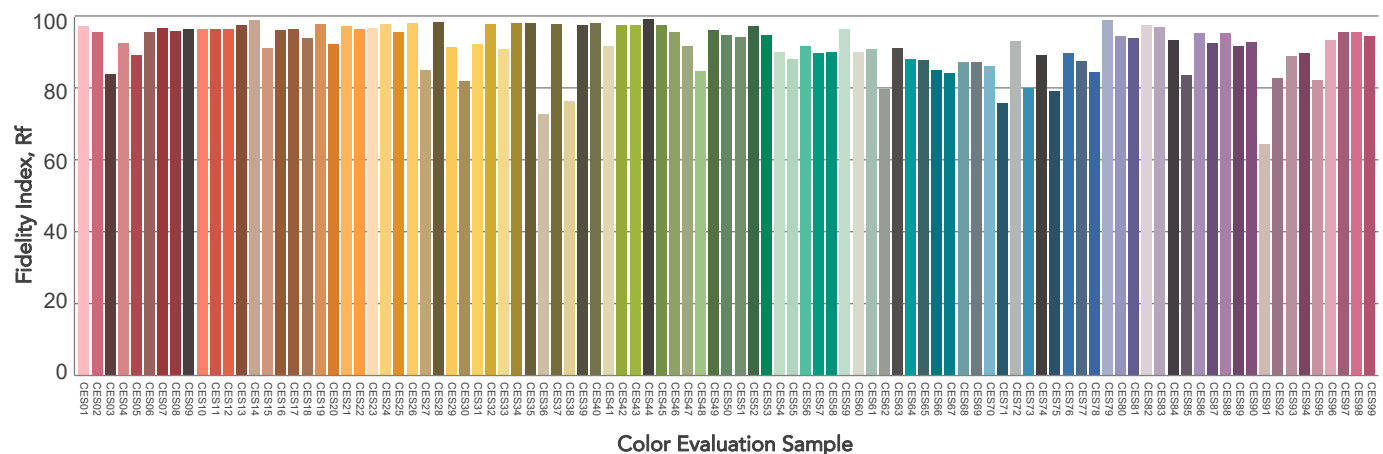
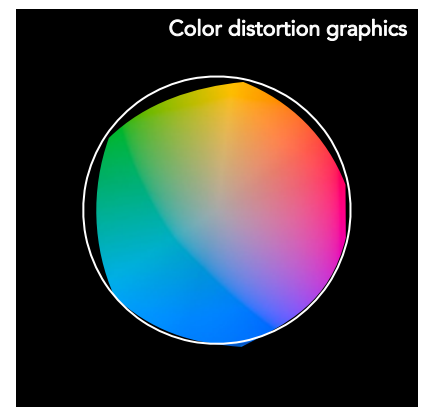
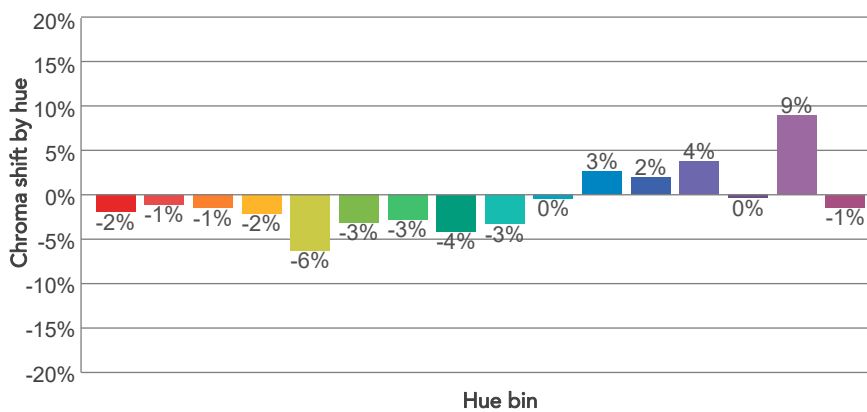
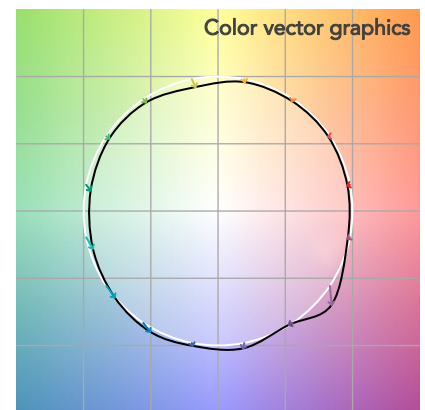
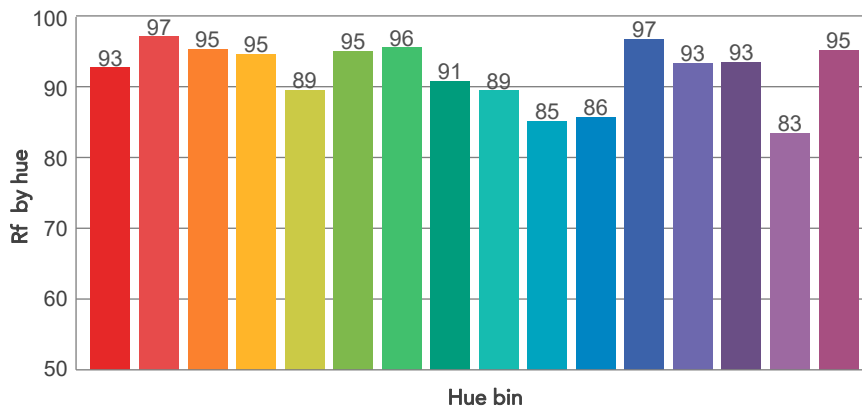
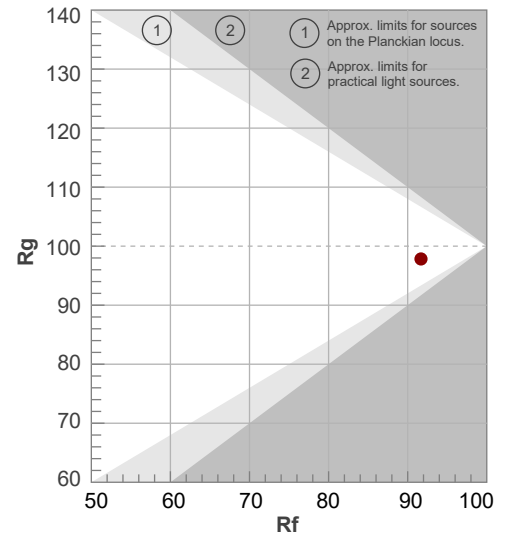
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6704 K	95,2	86,4	91,7	97,8	94,1	98	0,309	0,332	0,0067

TM30 DETAILS

Rf 91,7
Fidelity index Rf

Rg 97,8
Gammut index

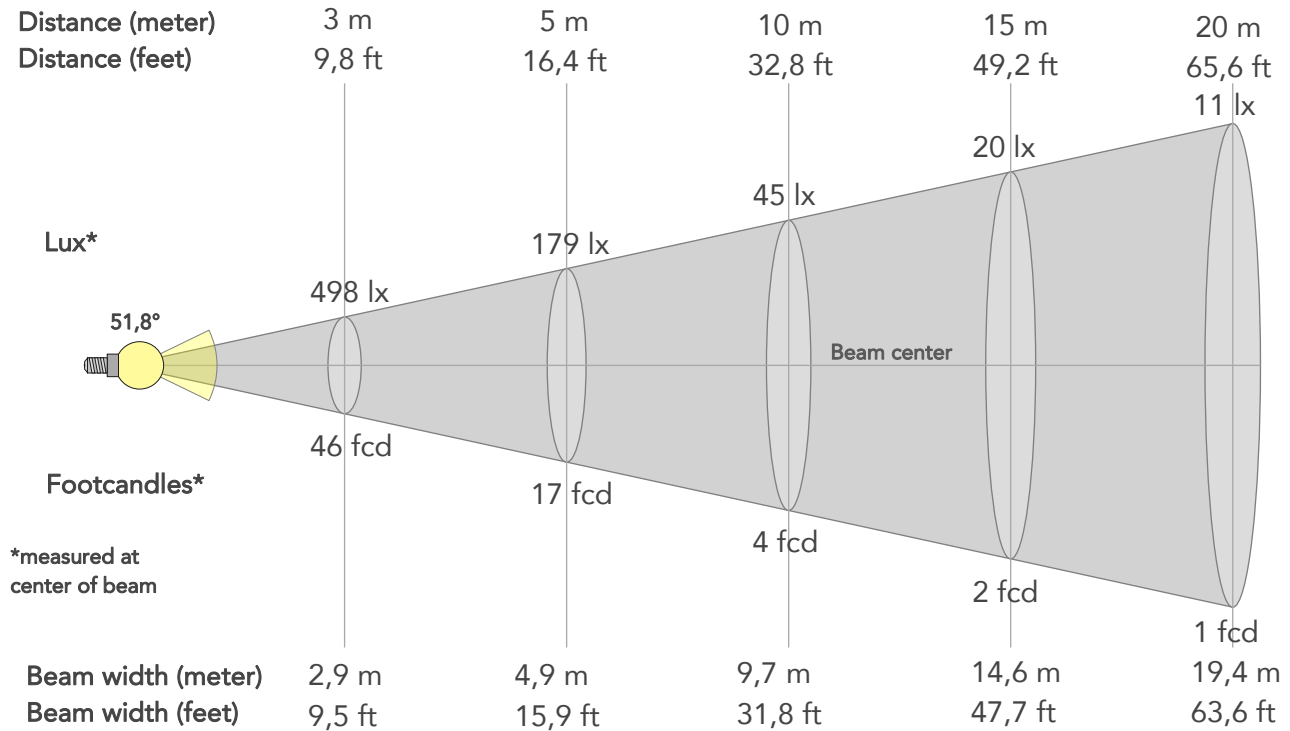
		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	93	-2%	0%
2	97	-1%	1%
3	95	-1%	-1%
4	95	-2%	-1%
5	89	-6%	-2%
6	95	-3%	0%
7	96	-3%	0%
8	91	-4%	3%
9	89	-3%	9%
10	85	0%	11%
11	86	3%	8%
12	97	2%	1%
13	93	4%	-2%
14	93	0%	-3%
15	83	9%	-11%
16	95	-1%	-1%



BEAM DETAILS



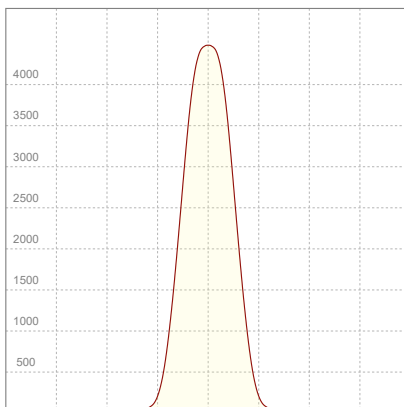
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
51,8°	80,8°	97,3°	98,3%	95,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4479lx	1120lx	498lx	280lx	179lx	80lx	45lx	20lx	11lx	7lx	5lx	3lx	2lx
Footcand.	416fcd	104fcd	46fcd	26fcd	17fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	1,9m	2,9m	3,9m	4,9m	7,3m	9,7m	14,6m	19,4m	24,3m	29,1m	38,8m	48,5m
Beam wid.	3,2ft	6,4ft	9,5ft	12,7ft	15,9ft	23,9ft	31,8ft	47,7ft	63,6ft	79,5ft	95,5ft	127,3ft	159,1ft

LINEAR DISTRIBUTION DIAGRAM

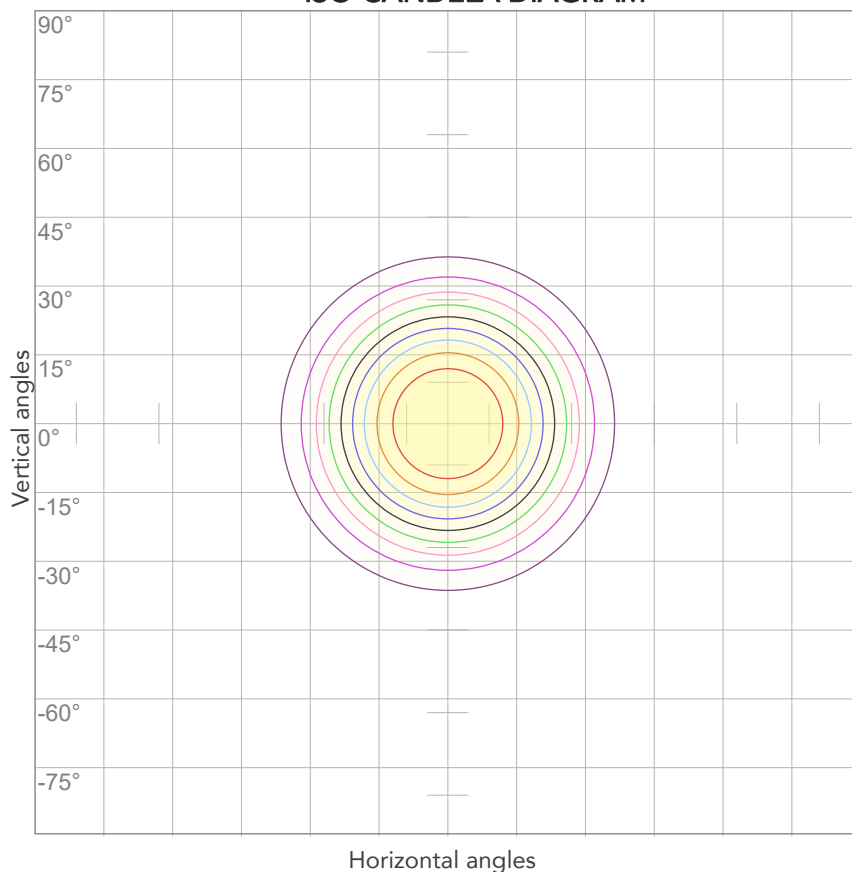


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,256A	55,3W	0,94	63lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



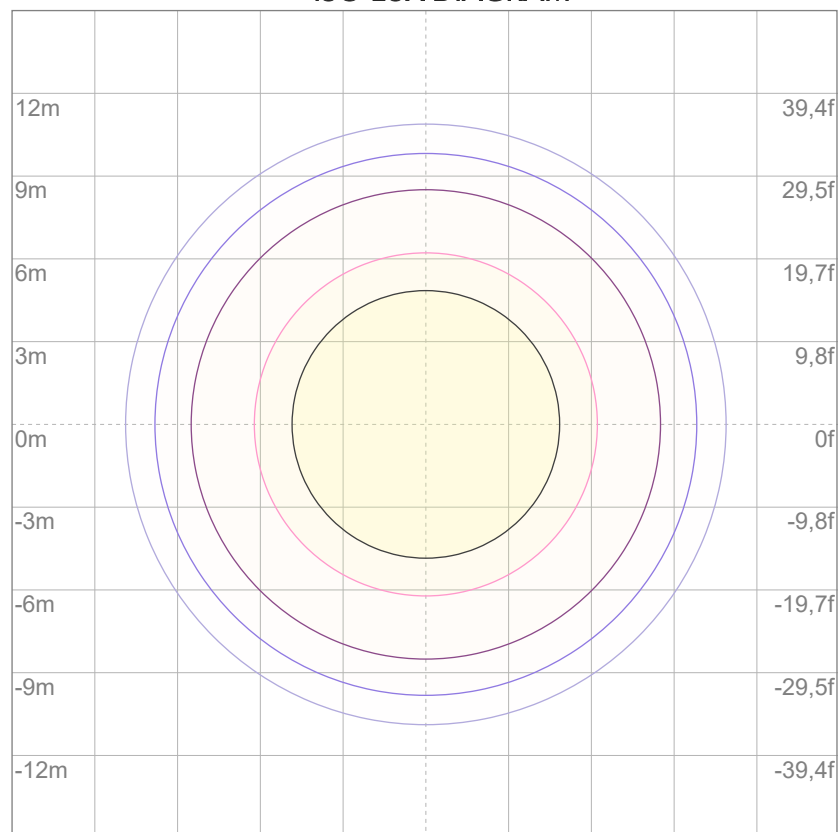
10%	448 cd
20%	896 cd
30%	1344 cd
40%	1792 cd
50%	2239 cd
60%	2687 cd
70%	3135 cd
80%	3583 cd

Conditions:

Number of c-planes: 2

Candela at center: 4479 cd

ISO LUX DIAGRAM



3%	1,34 lx
5%	2,24 lx
10%	4,48 lx
30%	13,4 lx
50%	22,4 lx

Conditions:

Number of c-planes: 2

Lux at center: 44,8 lx

*Lux distribution on a surface
when lamp is mounted at 10
meters from the surface.*



Total lumen output:

3067 lm

Peak candela output:

22294 cd

Light quality:

CRI: 95,2

Color temperature:

6584 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x20° Filter

Target:

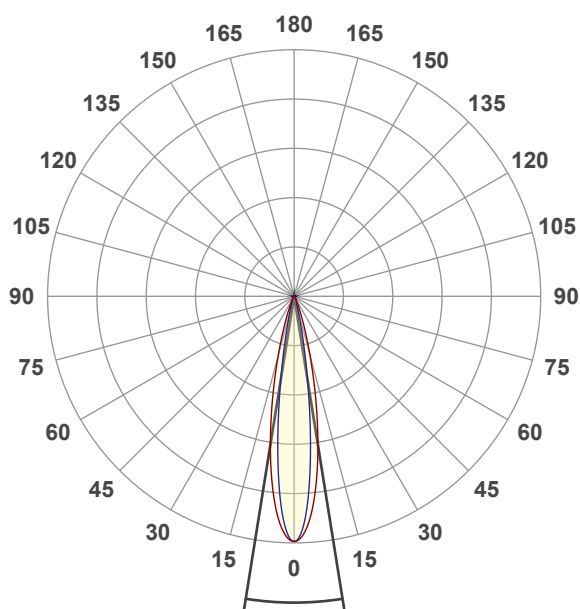
Cold White

Operator:

Giuseppe della Peruta

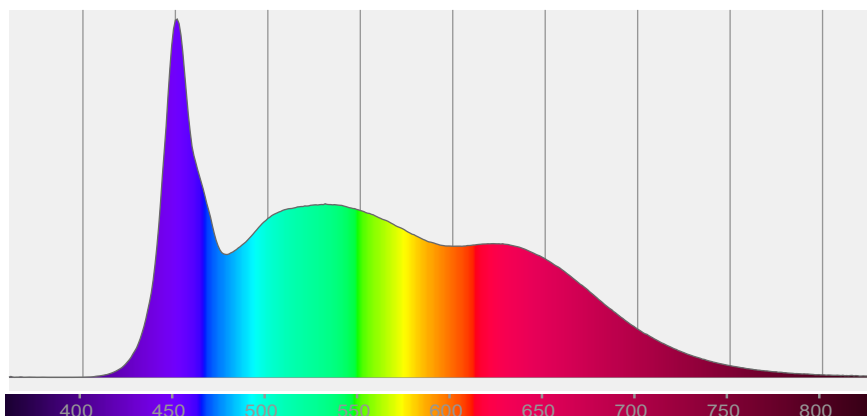
Date and time:

04/08/2025 12:39:27

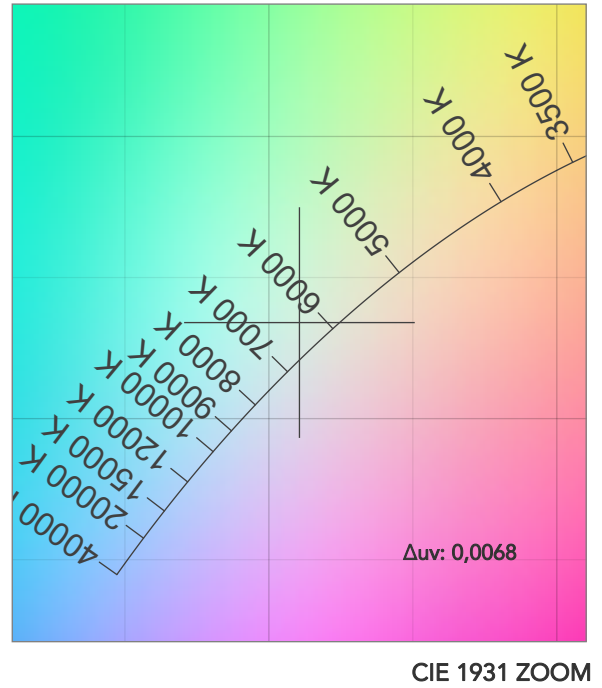
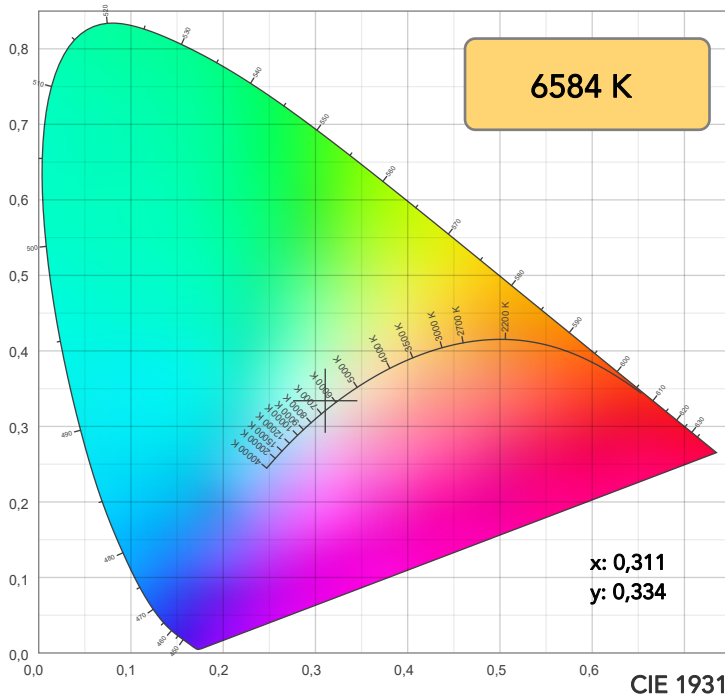


	Blue curve V	Red curve H
Beam angle 50%:	14,8°	21,6°
Field angle 10%:	27,3°	38,7°
Cut off angle 2.5%:	41,6°	52,5°

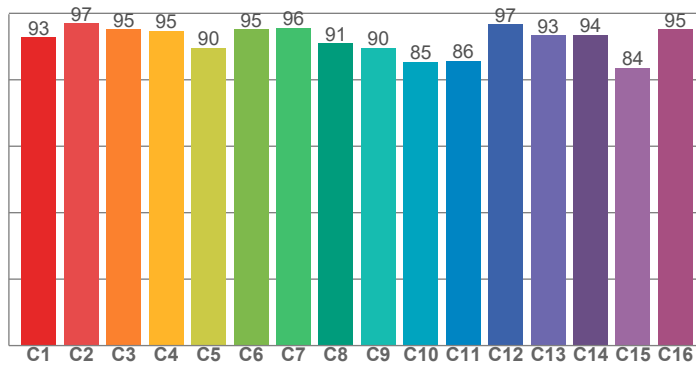
Spectra



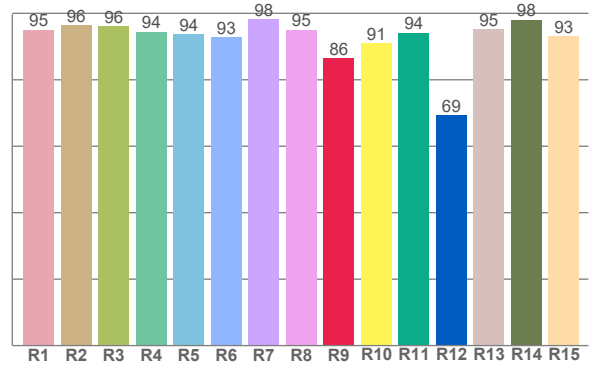
COLOR DETAILS



TM30: 91,8



CRI: 95,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,1	96,3	96,1	94,5	93,6	92,9	98,2	95,1	86,5	91,0	94,2	69,3	95,3	98,1	93,2

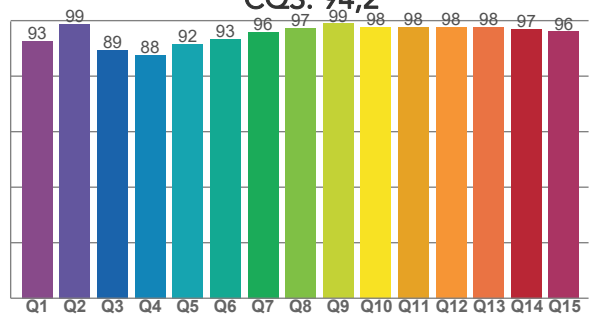
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,8	97,1	95,3	94,7	89,6	95,2	95,6	91,0	89,6	85,4	85,7	96,7	93,4	93,6	83,7	95,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,6	98,8	89,3	87,6	91,7	93,3	95,9	97,4	99,0	97,8	97,7	97,8	97,8	96,9	96,1

CQS: 94,2



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6584 K	95,2	86,5	91,8	97,9	94,2	98	0,311	0,334	0,0068

TM30 DETAILS

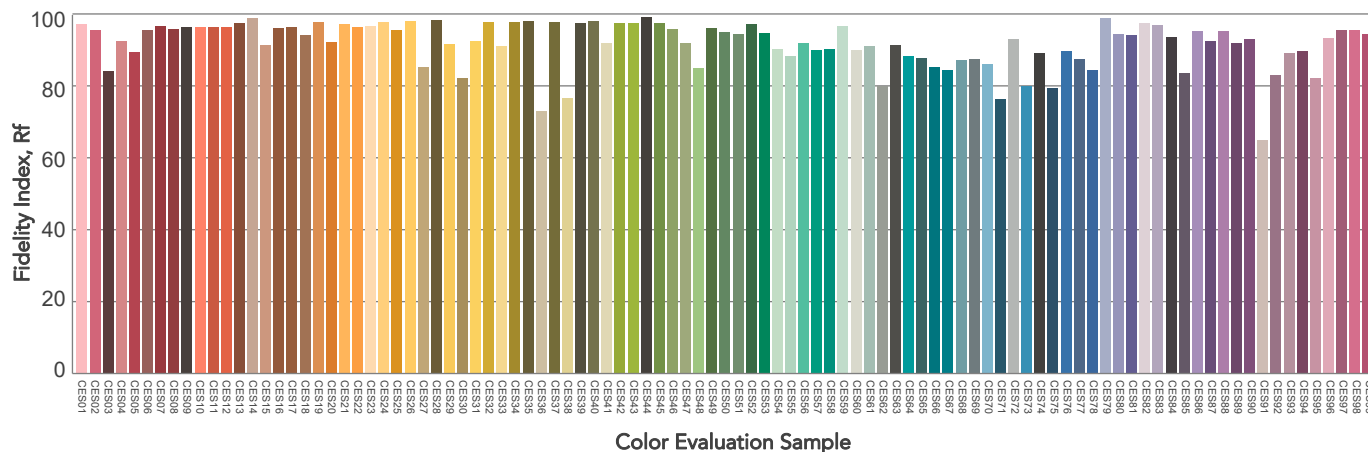
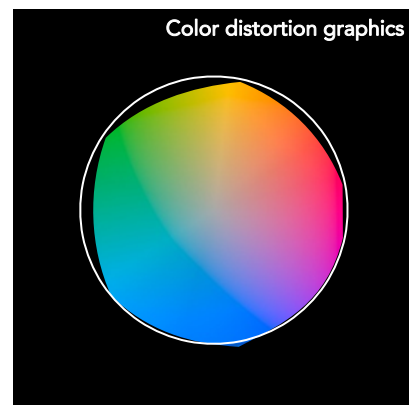
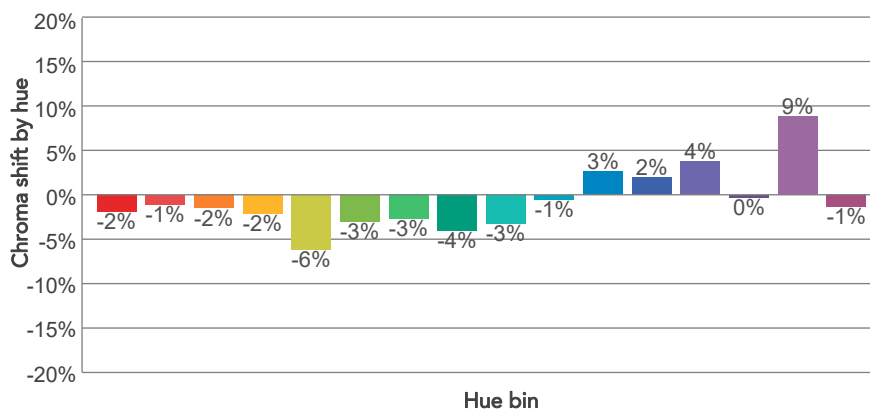
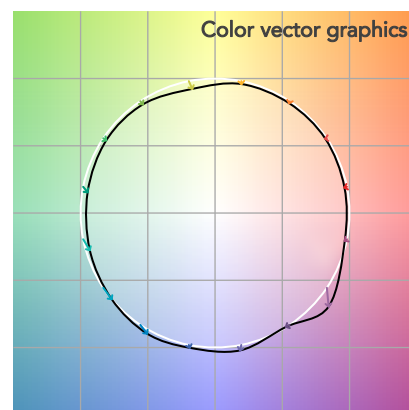
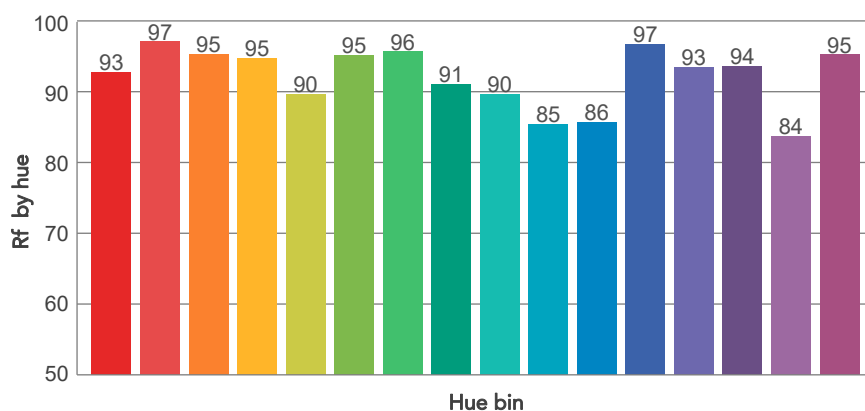
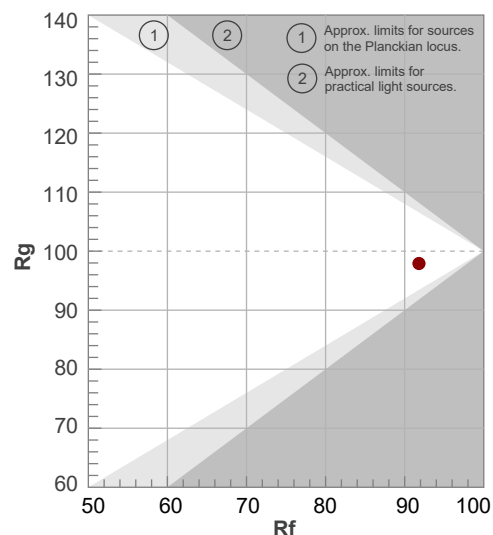
Rf 91,8

Fidelity index Rf

Rg 97,9

Gammut index

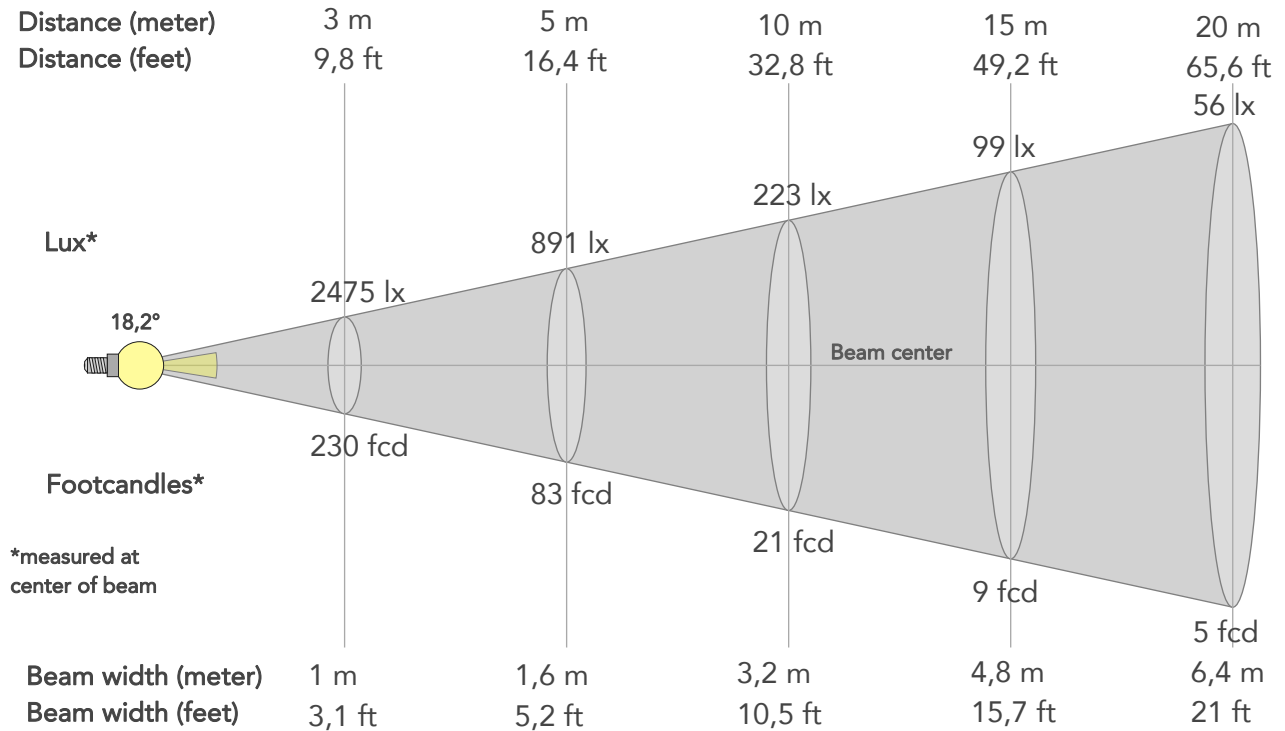
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	93	-2%	0%
2	97	-1%	1%
3	95	-2%	0%
4	95	-2%	-1%
5	90	-6%	-1%
6	95	-3%	0%
7	96	-3%	0%
8	91	-4%	3%
9	90	-3%	9%
10	85	-1%	11%
11	86	3%	8%
12	97	2%	1%
13	93	4%	-2%
14	94	0%	-3%
15	84	9%	-11%
16	95	-1%	-1%



BEAM DETAILS



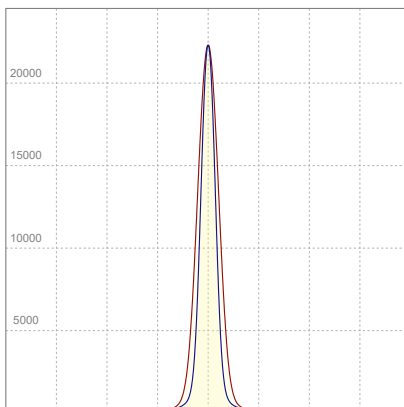
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,2°	33°	47,1°	98,1%	95,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	22278lx	5570lx	2475lx	1392lx	891lx	396lx	223lx	99lx	56lx	36lx	25lx	14lx	9lx
Footcand.	2070fcd	517fcd	230fcd	129fcd	83fcd	37fcd	21fcd	9fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,9ft	10,5ft	15,7ft	21ft	26,2ft	31,5ft	42ft	52,5ft

LINEAR DISTRIBUTION DIAGRAM

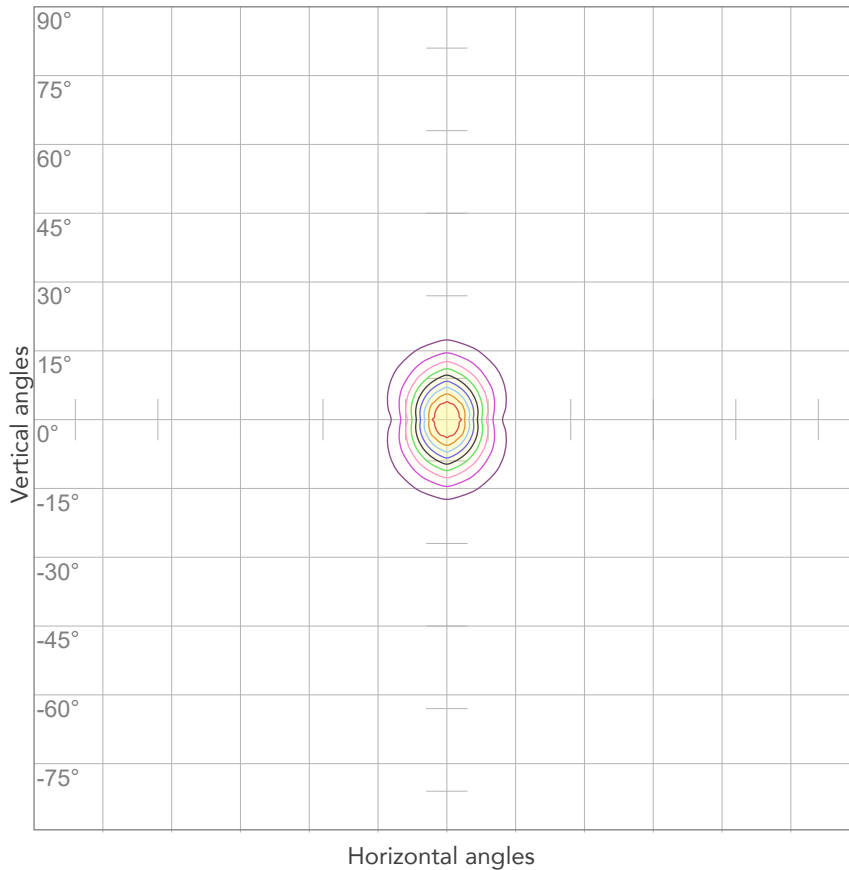


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
230V	0,256A	55,6W	0,94	55lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



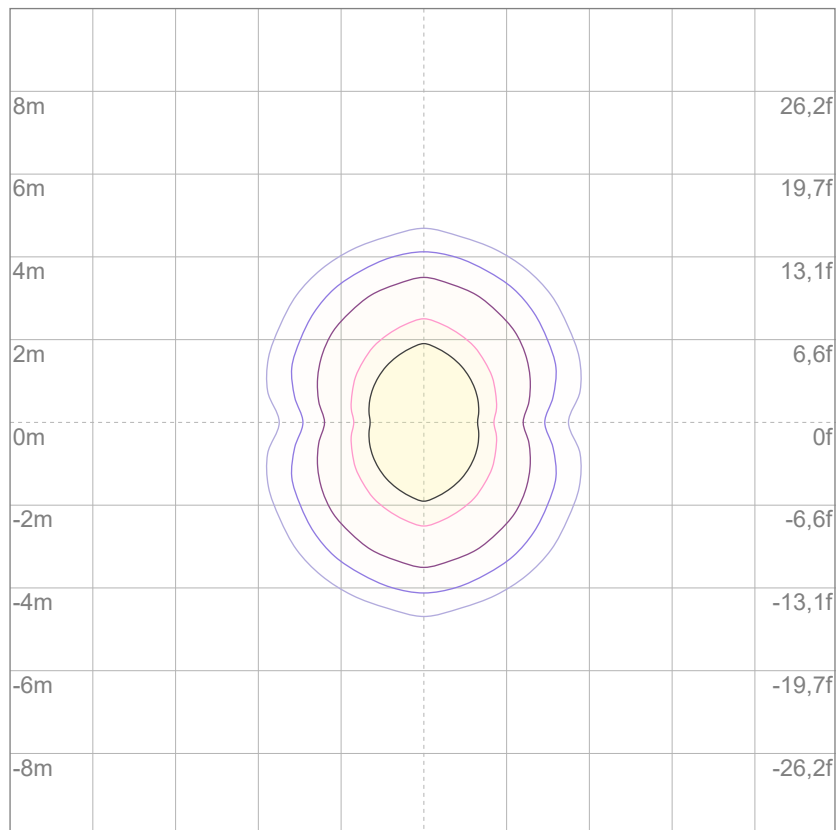
10%	2228 cd
20%	4456 cd
30%	6683 cd
40%	8911 cd
50%	11139 cd
60%	13367 cd
70%	15595 cd
80%	17823 cd

Conditions:

Number of c-planes: 4

Candela at center: 22278 cd

ISO LUX DIAGRAM



3%	6,68 lx
5%	11,1 lx
10%	22,3 lx
30%	66,8 lx
50%	111 lx

Conditions:

Number of c-planes: 4

Lux at center: 223 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3331 lm

Peak candela output:

12022 cd

Light quality:

CRI: 95,6

Color temperature:

6622 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x40° Filter

Target:

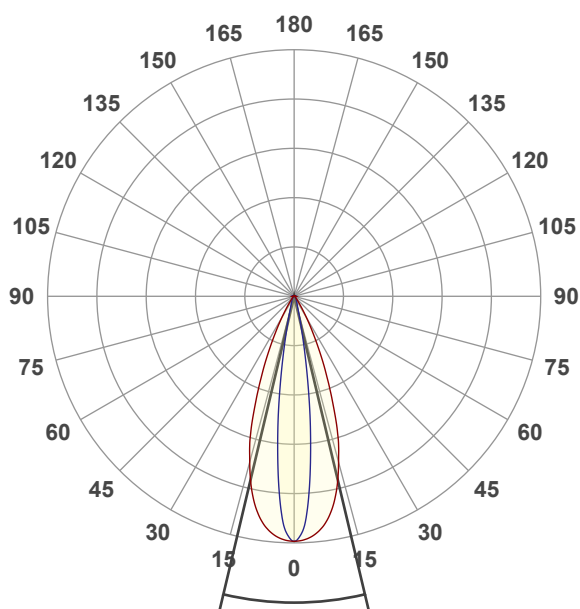
Cold White

Operator:

Giuseppe della Peruta

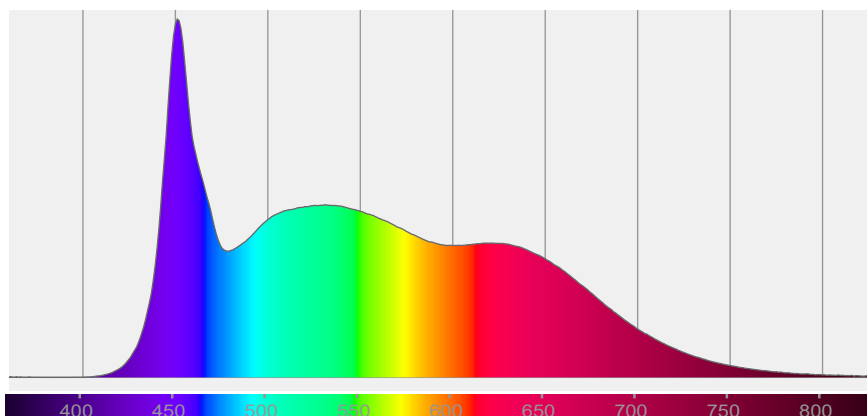
Date and time:

04/08/2025 18:14:35

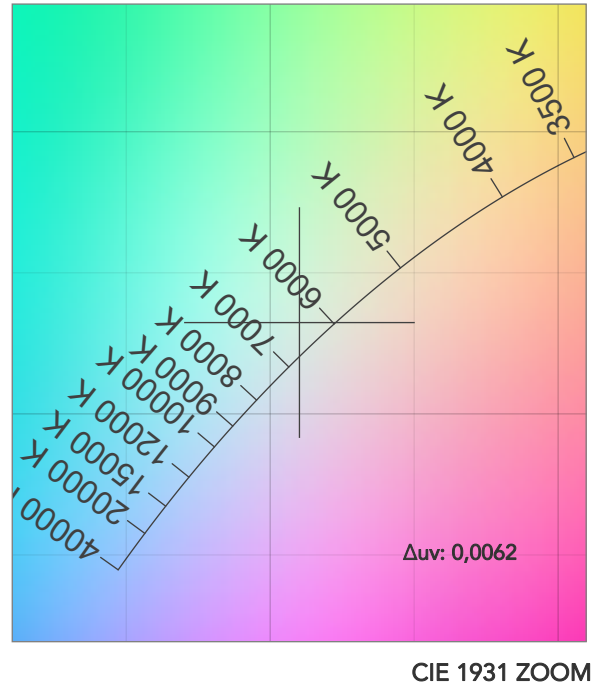
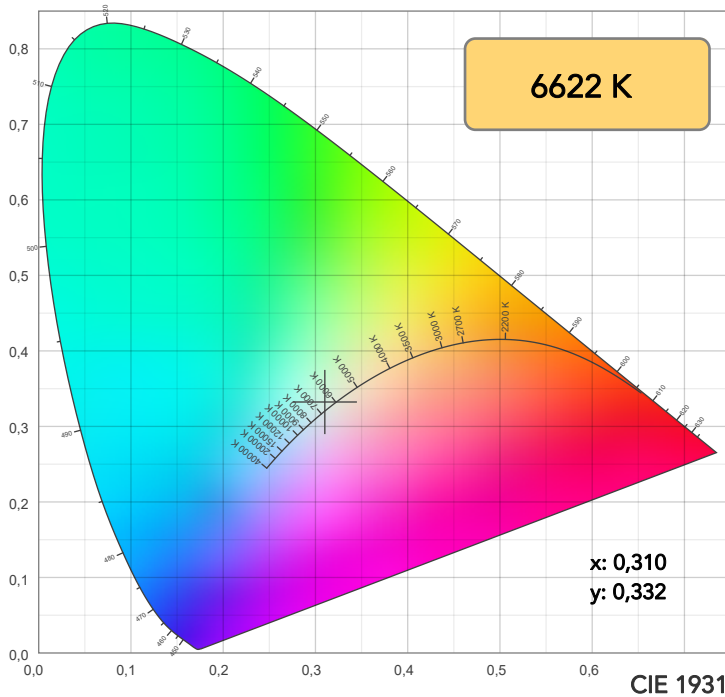


	Blue curve V	Red curve H
Beam angle 50%:	15°	38,5°
Field angle 10%:	27,7°	60,2°
Cut off angle 2.5%:	48,3°	75,8°

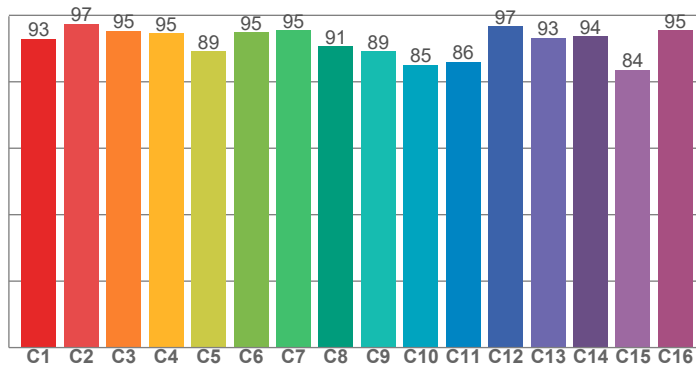
Spectra



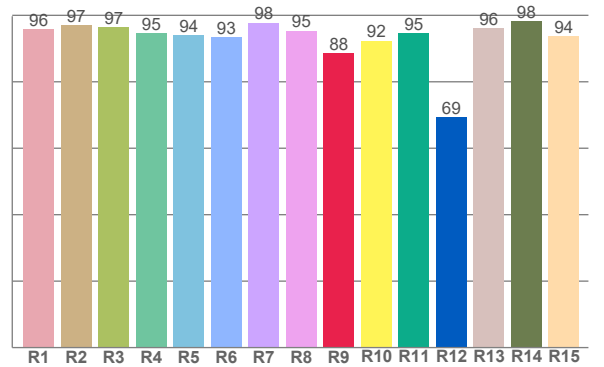
COLOR DETAILS



TM30: 91,7



CRI: 95,6 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,8	97,0	96,5	94,7	94,1	93,5	97,8	95,4	88,5	92,4	94,7	69,4	96,1	98,3	93,6

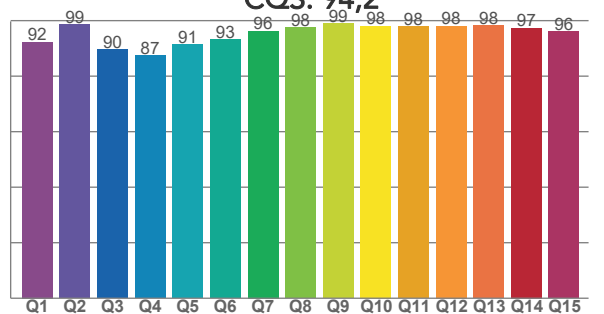
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,9	97,4	95,4	94,6	89,2	94,9	95,4	90,6	89,2	85,1	86,0	96,8	93,3	93,7	83,7	95,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,3	98,7	89,5	87,4	91,4	93,2	96,2	97,5	99,0	98,0	97,9	98,1	98,2	97,4	96,2

CQS: 94,2



COLOR PARAMETERS

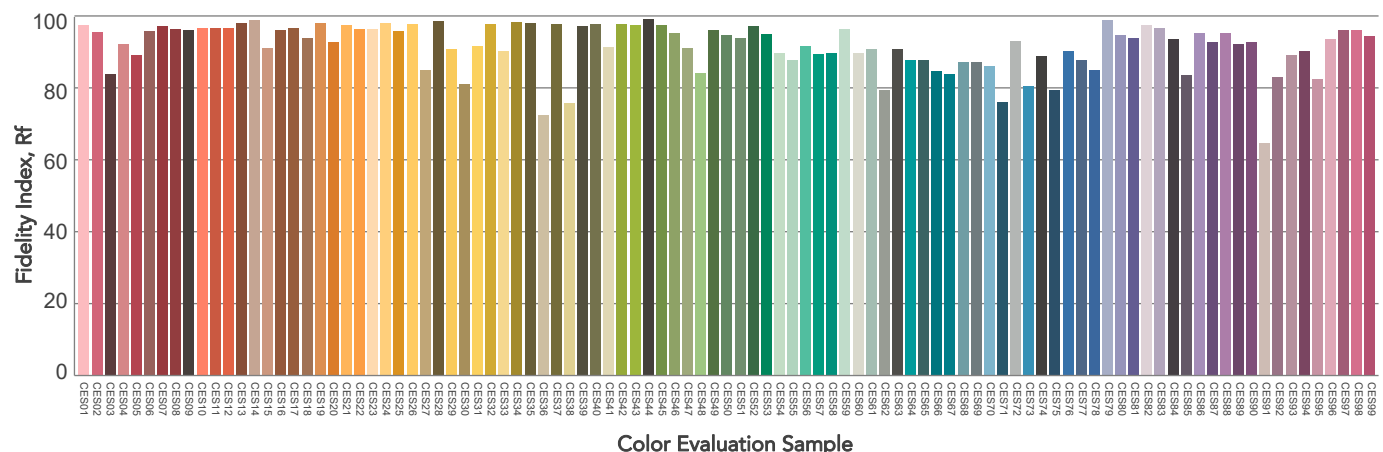
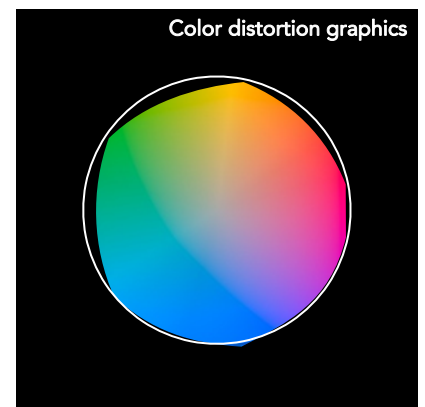
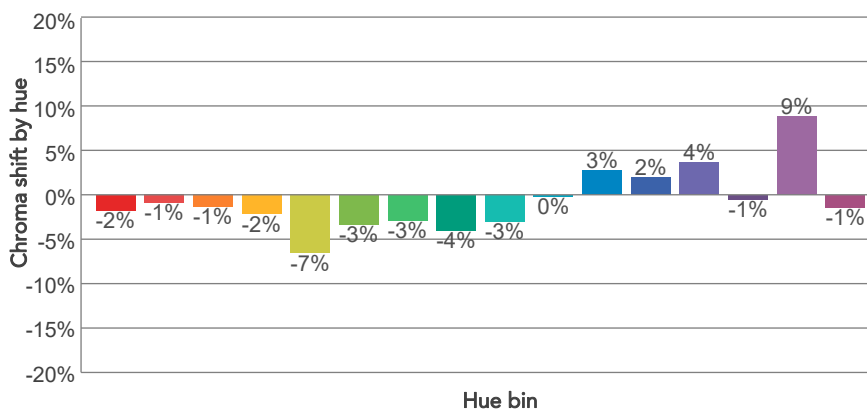
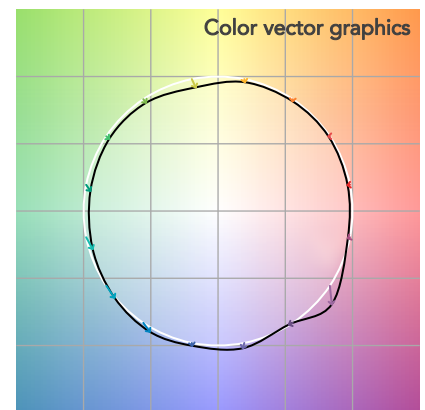
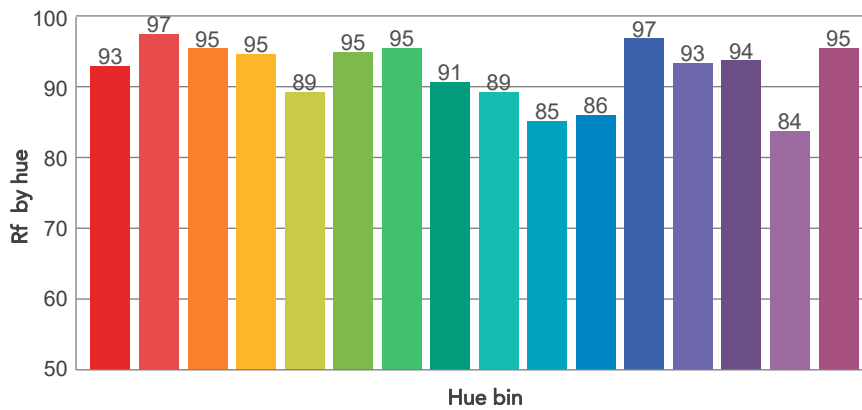
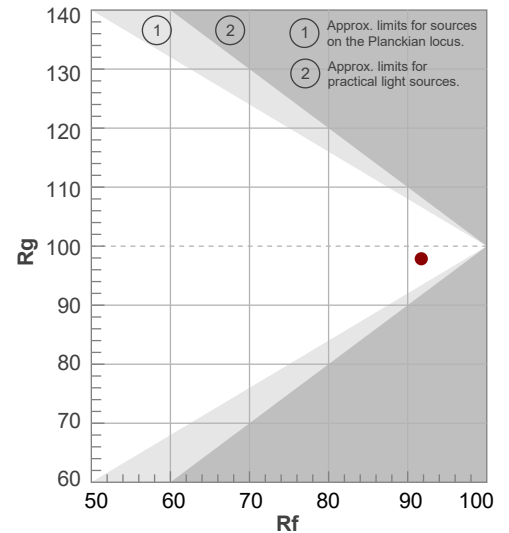
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6622 K	95,6	88,5	91,7	97,9	94,2	98	0,310	0,332	0,0062

TM30 DETAILS

Rf 91,7
Fidelity index Rf

Rg 97,9
Gammut index

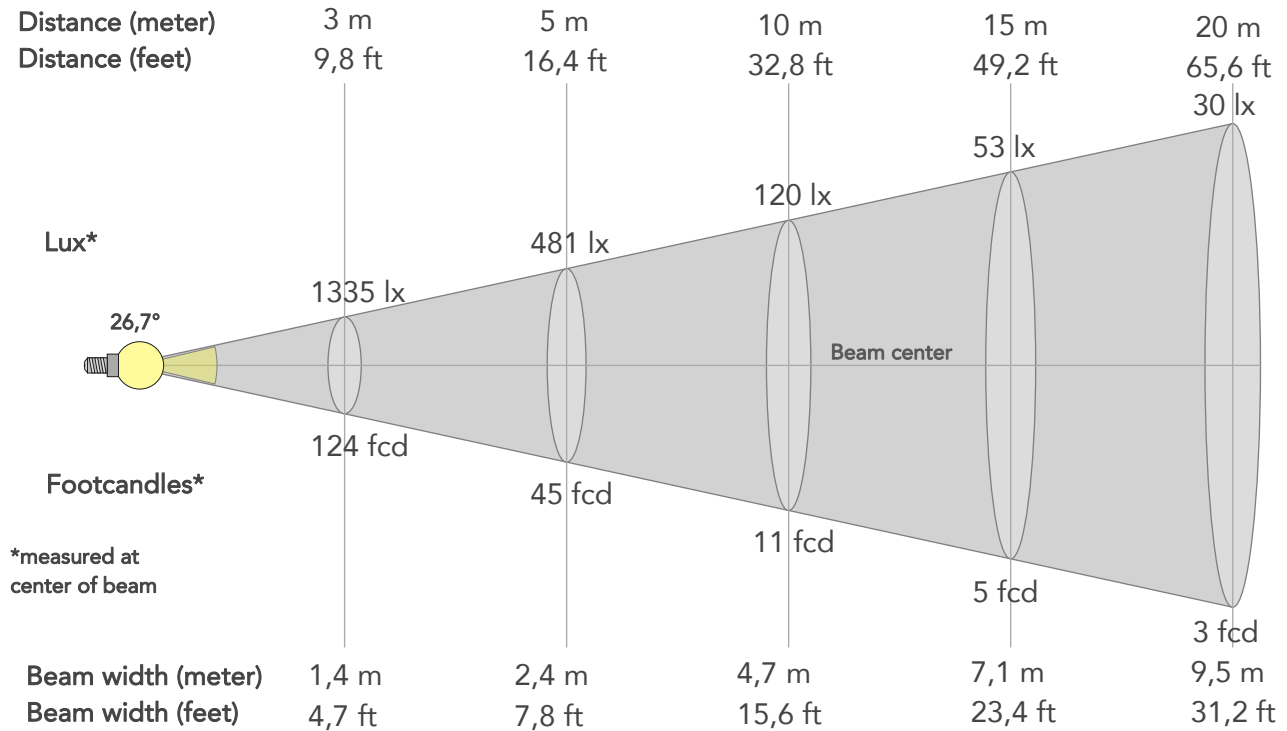
		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	93	-2%	0%
2	97	-1%	1%
3	95	-1%	-1%
4	95	-2%	-1%
5	89	-7%	-2%
6	95	-3%	0%
7	95	-3%	0%
8	91	-4%	4%
9	89	-3%	9%
10	85	0%	11%
11	86	3%	8%
12	97	2%	1%
13	93	4%	-2%
14	94	-1%	-3%
15	84	9%	-11%
16	95	-1%	-1%



BEAM DETAILS



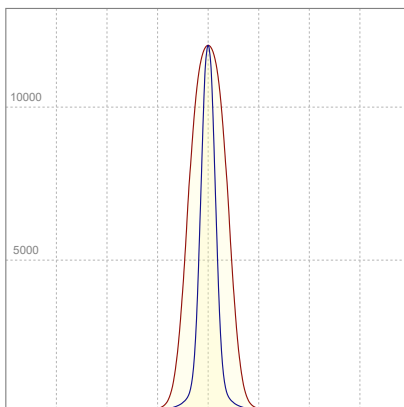
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26,7°	43,9°	62°	98,2%	95,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	12013lx	3003lx	1335lx	751lx	481lx	214lx	120lx	53lx	30lx	19lx	13lx	8lx	5lx
Footcand.	1116fcd	279fcd	124fcd	70fcd	45fcd	20fcd	11fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	0,9m	1,4m	1,9m	2,4m	3,6m	4,7m	7,1m	9,5m	11,9m	14,2m	19m	23,7m
Beam wid.	1,6ft	3,1ft	4,7ft	6,2ft	7,8ft	11,7ft	15,6ft	23,4ft	31,2ft	38,9ft	46,7ft	62,3ft	77,9ft

LINEAR DISTRIBUTION DIAGRAM

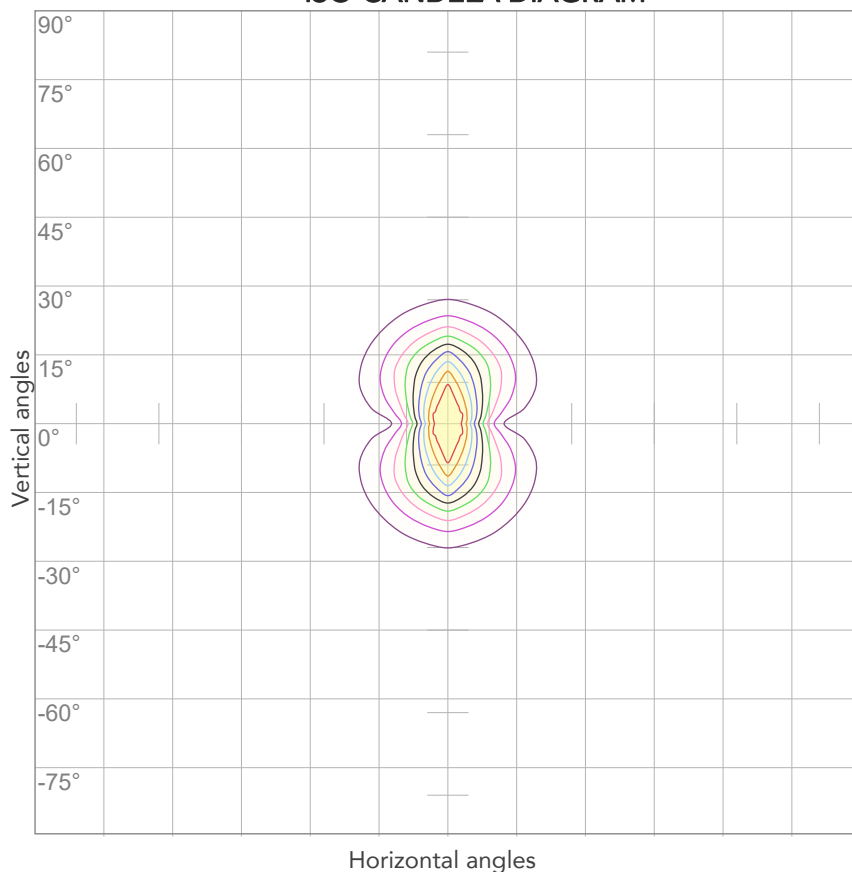


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,254A	54,4W	0,94	61lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



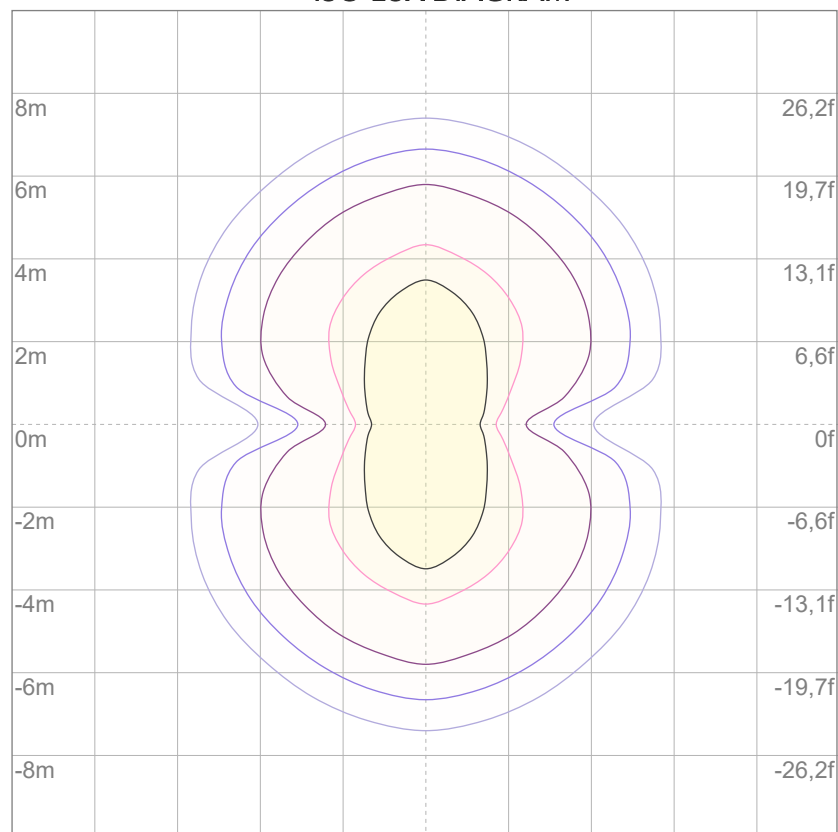
10%	1201 cd
20%	2403 cd
30%	3604 cd
40%	4805 cd
50%	6006 cd
60%	7208 cd
70%	8409 cd
80%	9610 cd

Conditions:

Number of c-planes: 4

Candela at center: 12013 cd

ISO LUX DIAGRAM



3%	3,60 lx
5%	6,01 lx
10%	12,0 lx
30%	36,0 lx
50%	60,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 120 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

4340 lm

Peak candela output:

8631 cd

Light quality:

CRI: 95,2

Color temperature:

6532 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x60° Filter

Target:

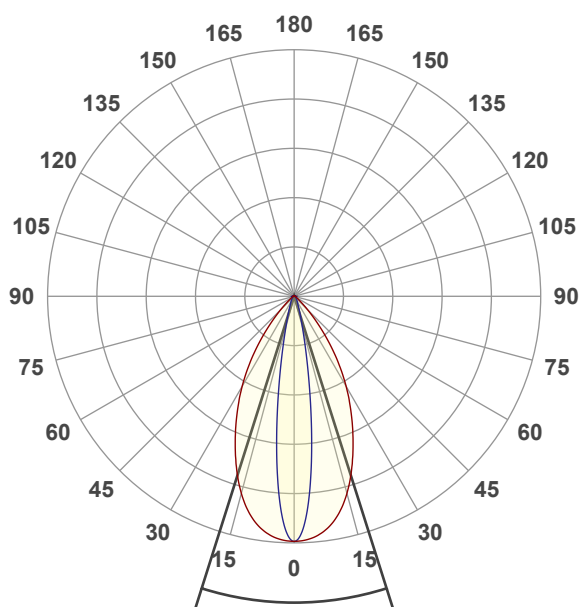
Cold White

Operator:

Giuseppe della Peruta

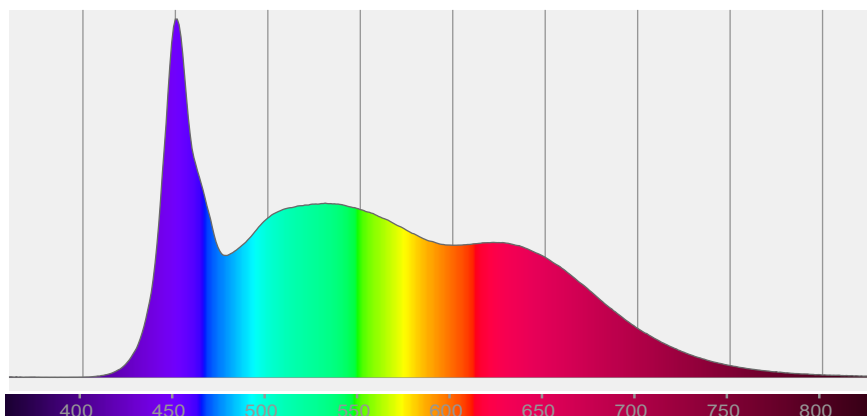
Date and time:

05/08/2025 09:33:26

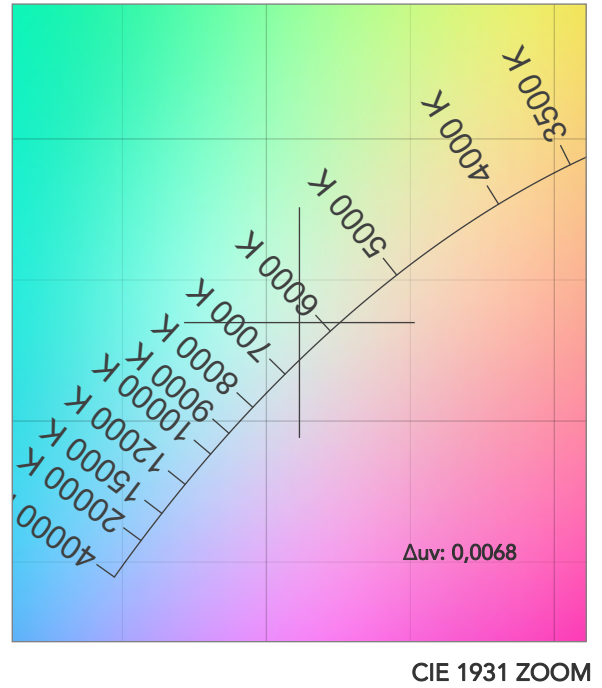
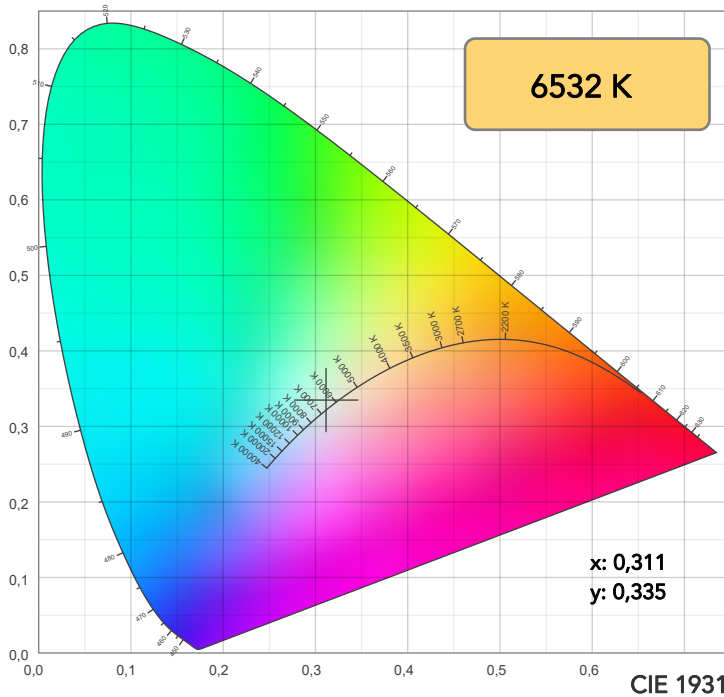


	Blue curve V	Red curve H
Beam angle 50%:	16°	54,3°
Field angle 10%:	33,2°	87°
Cut off angle 2.5%:	60,7°	105,4°

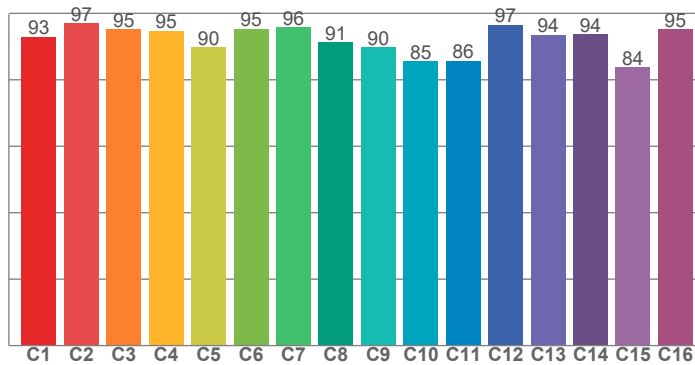
Spectra



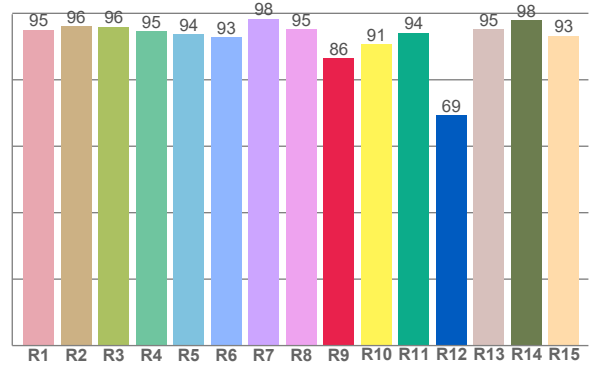
COLOR DETAILS



TM30: 91,9



CRI: 95,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,1	96,2	96,0	94,6	93,7	92,8	98,4	95,2	86,5	90,7	94,2	69,4	95,3	98,0	93,3

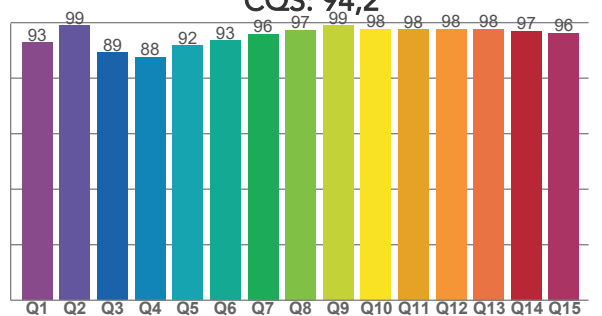
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,9	96,9	95,1	94,8	89,8	95,3	95,8	91,2	89,8	85,5	85,6	96,6	93,5	93,7	83,8	95,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,9	98,9	89,2	87,6	91,8	93,5	95,9	97,4	98,9	97,7	97,6	97,7	97,7	96,9	96,2

CQS: 94,2



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6532 K	95,2	86,5	91,9	98,0	94,2	98	0,311	0,335	0,0068

TM30 DETAILS

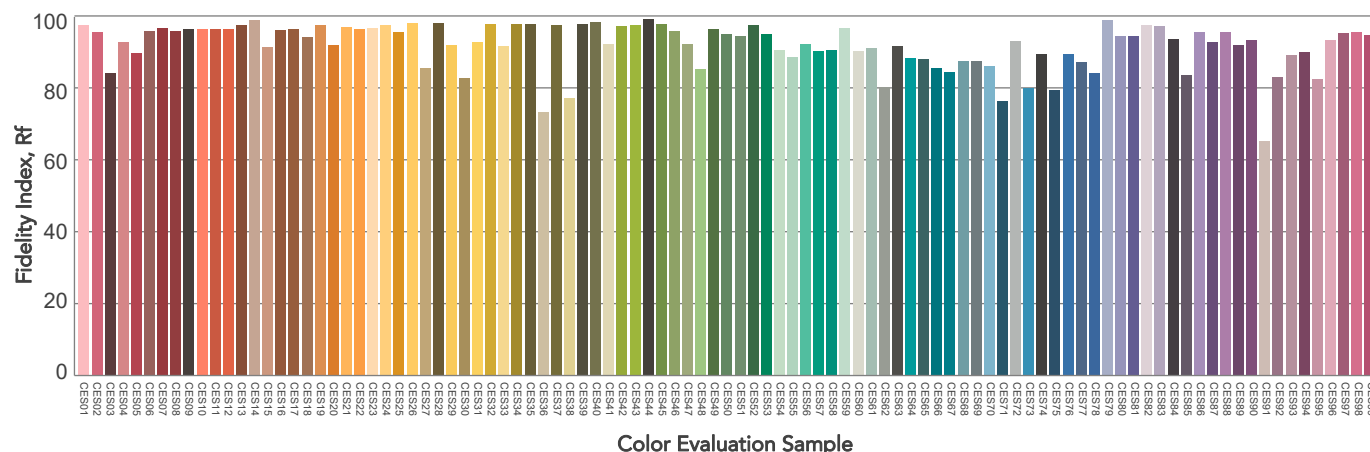
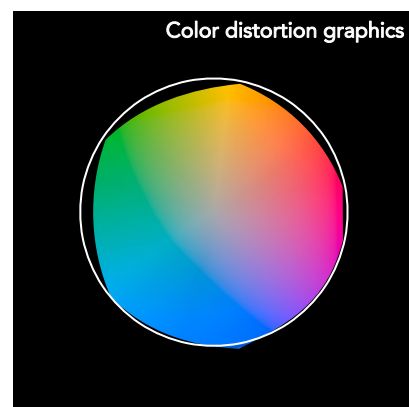
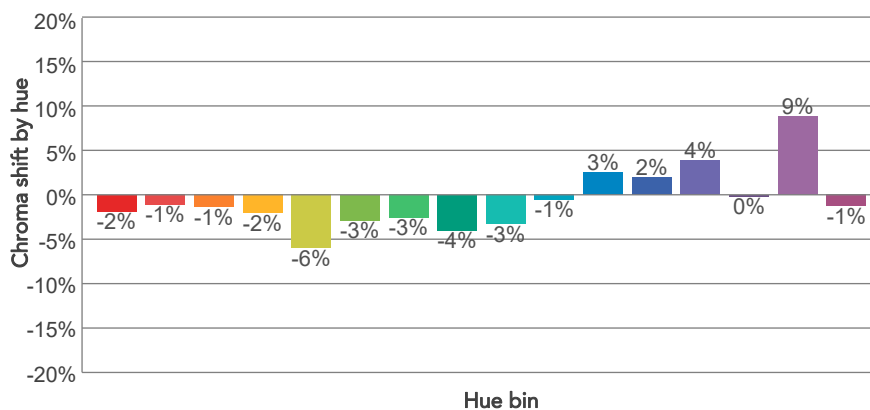
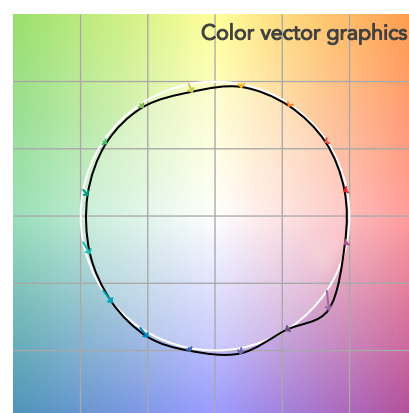
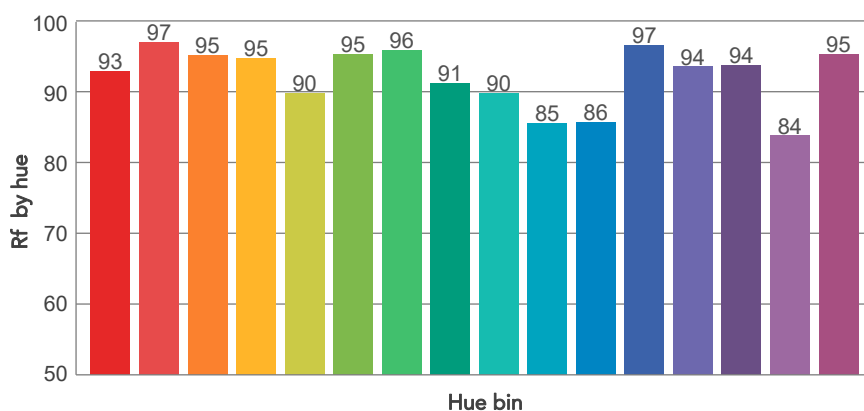
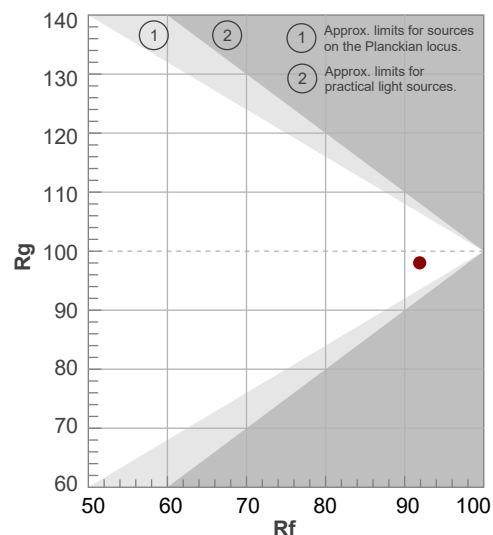
Rf 91,9

Fidelity index Rf

Rg 98,0

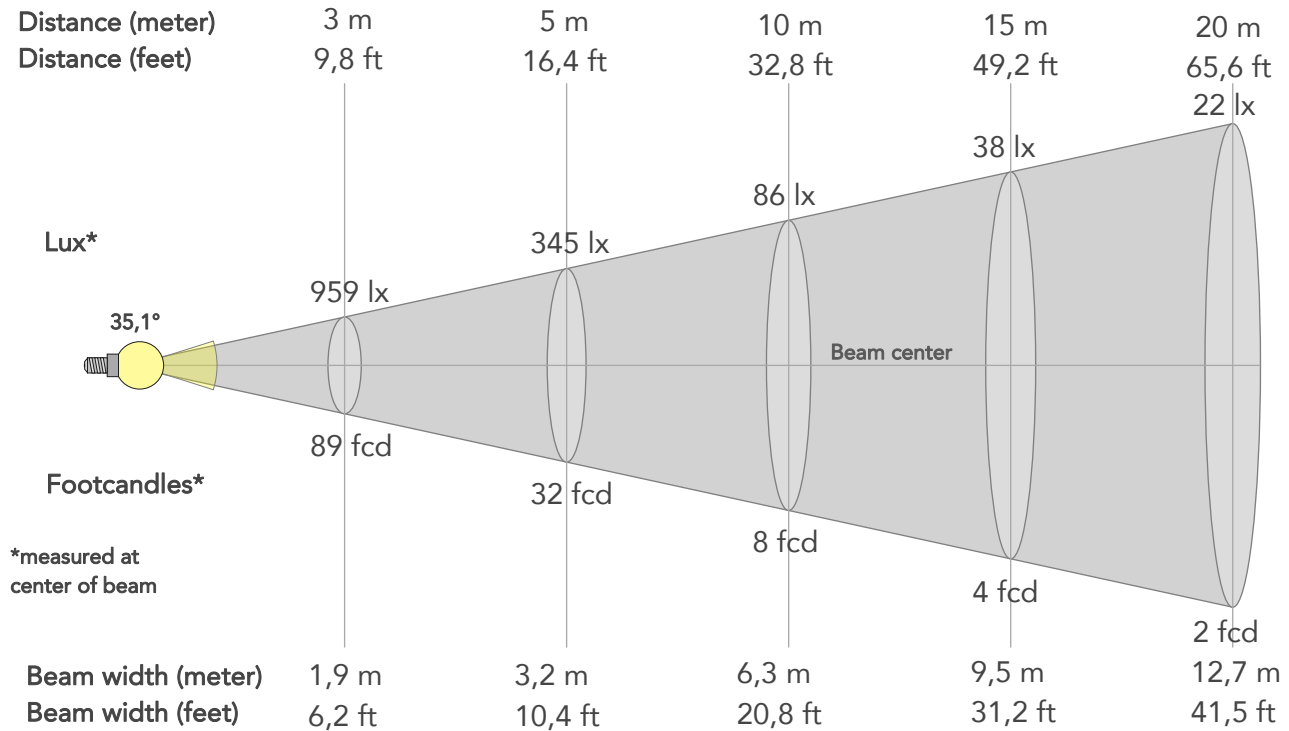
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	93	-2%	0%
2	97	-1%	0%
3	95	-1%	0%
4	95	-2%	0%
5	90	-6%	-1%
6	95	-3%	0%
7	96	-3%	0%
8	91	-4%	3%
9	90	-3%	9%
10	85	-1%	10%
11	86	3%	8%
12	97	2%	1%
13	94	4%	-2%
14	94	0%	-3%
15	84	9%	-11%
16	95	-1%	-1%



BEAM DETAILS

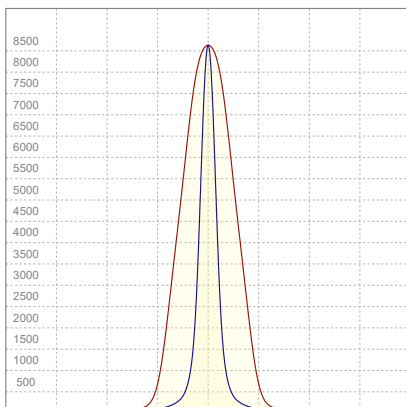
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35,1°	60,1°	83,1°	97,8%	92,8%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	8630lx	2157lx	959lx	539lx	345lx	153lx	86lx	38lx	22lx	14lx	10lx	5lx	3lx
Footcand.	802fcd	200fcd	89fcd	50fcd	32fcd	14fcd	8fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,7m	6,3m	9,5m	12,7m	15,8m	19m	25,3m	31,7m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,4ft	15,6ft	20,8ft	31,2ft	41,5ft	51,9ft	62,3ft	83,1ft	103,8ft

LINEAR DISTRIBUTION DIAGRAM

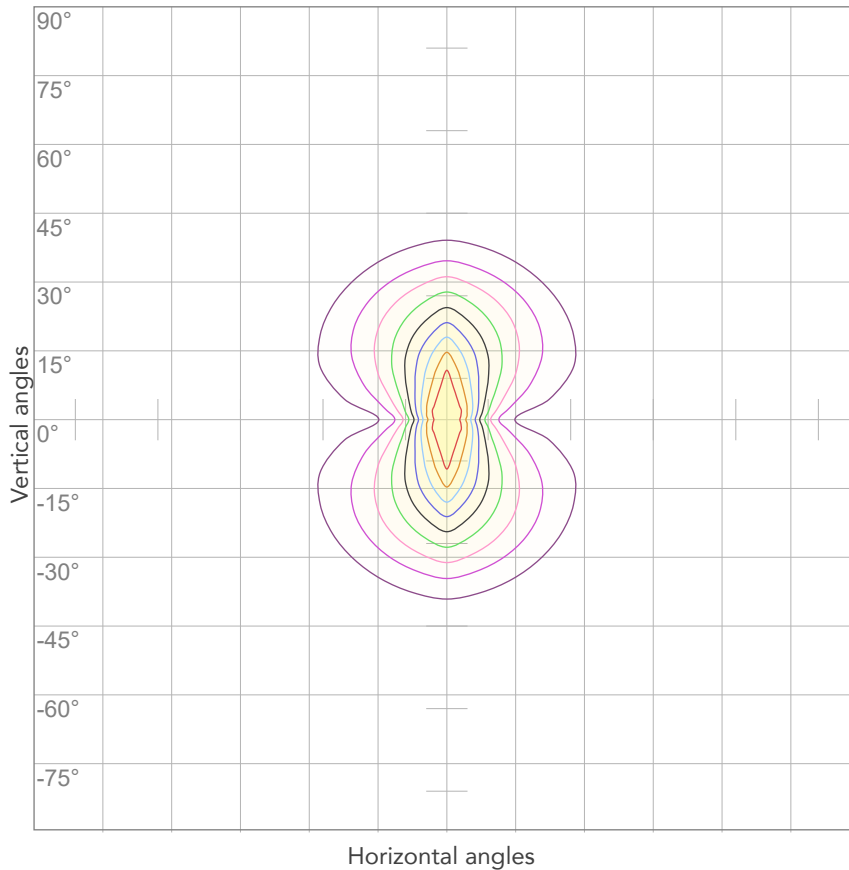


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
229V	0,259A	55,9W	0,94	78lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



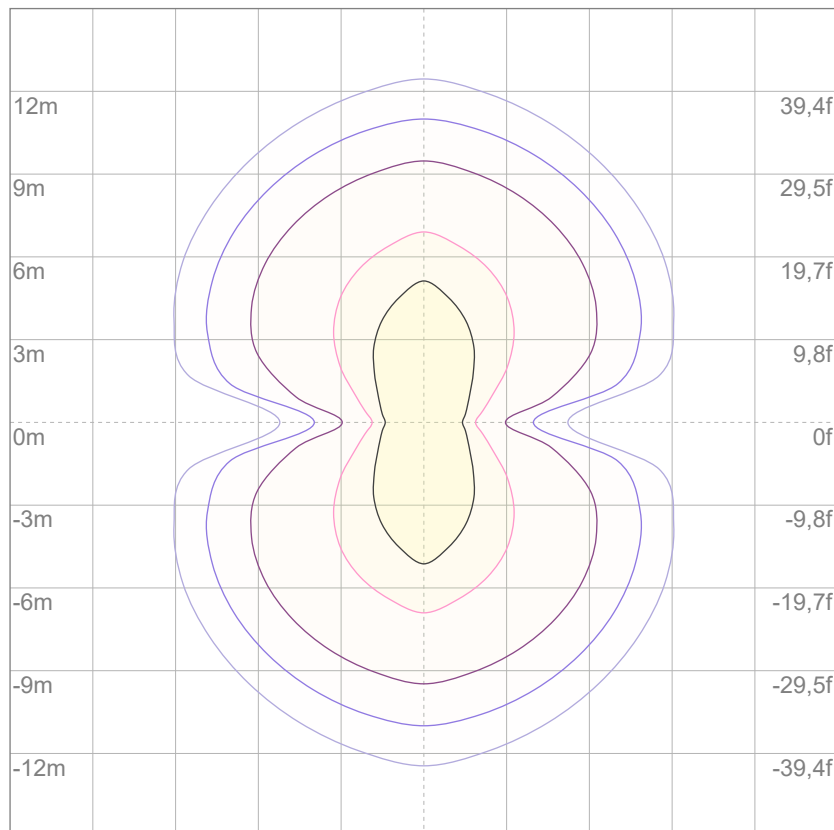
10%	863 cd
20%	1726 cd
30%	2589 cd
40%	3452 cd
50%	4315 cd
60%	5178 cd
70%	6041 cd
80%	6904 cd

Conditions:

Number of c-planes: 4

Candela at center: 8630 cd

ISO LUX DIAGRAM



3%	2,59 lx
5%	4,31 lx
10%	8,63 lx
30%	25,9 lx
50%	43,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 86,3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3067 lm

Peak candela output:

4217 cd

Light quality:

CRI: 95,5

Color temperature:

6669 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
30°x60° Filter

Target:

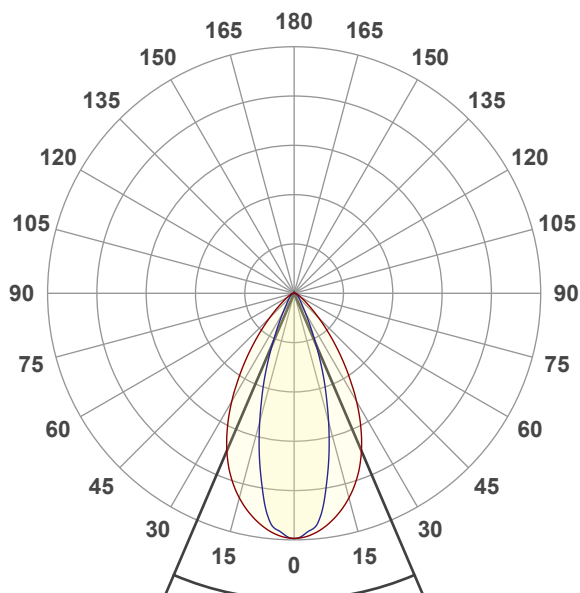
Cold White

Operator:

Giuseppe della Peruta

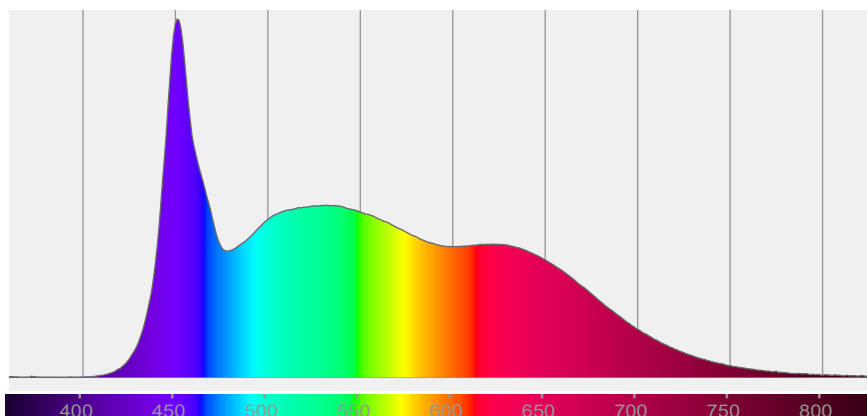
Date and time:

05/08/2025 15:47:11

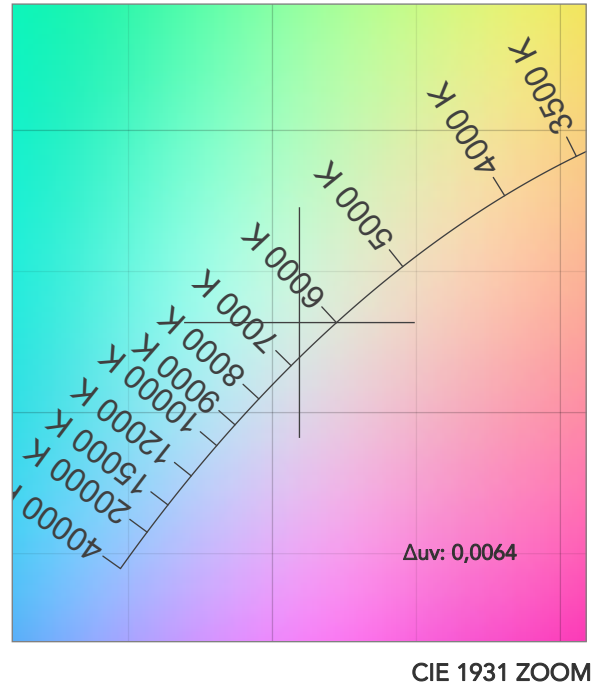
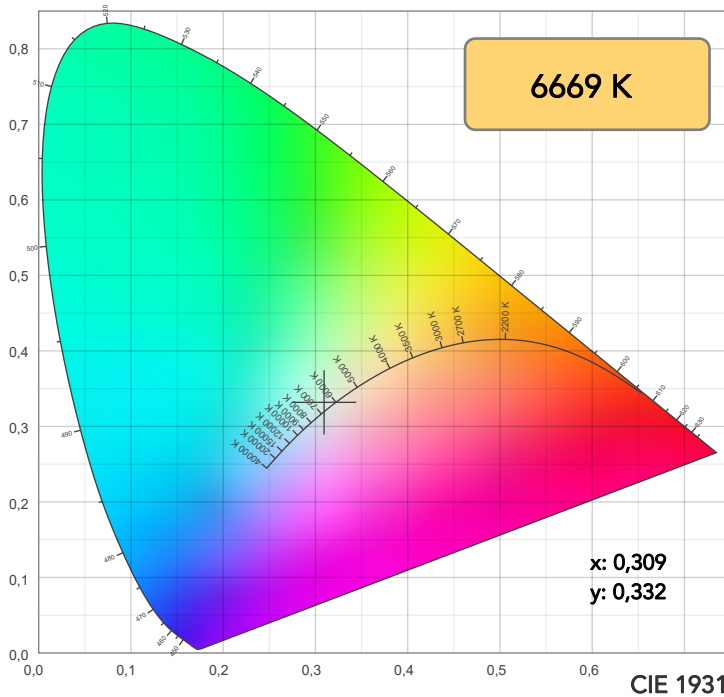


	Blue curve V	Red curve H
Beam angle 50%:	31,9°	60,6°
Field angle 10%:	58,6°	96,2°
Cut off angle 2.5%:	95,9°	125,4°

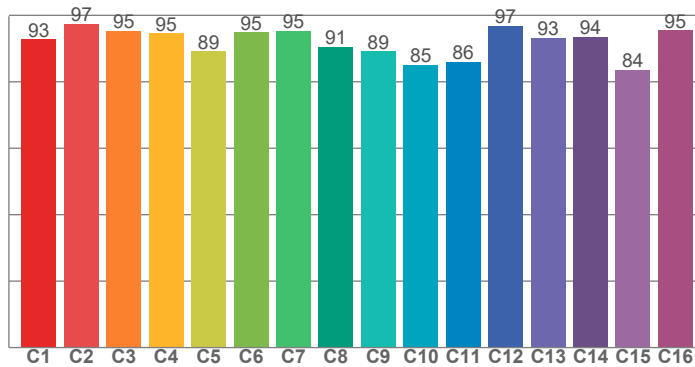
Spectra



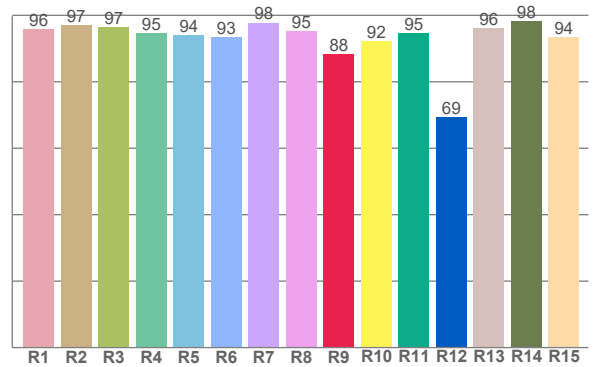
COLOR DETAILS



TM30: 91,7



CRI: 95,5 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,7	97,0	96,5	94,6	94,0	93,5	97,8	95,3	88,4	92,3	94,6	69,3	96,0	98,3	93,5

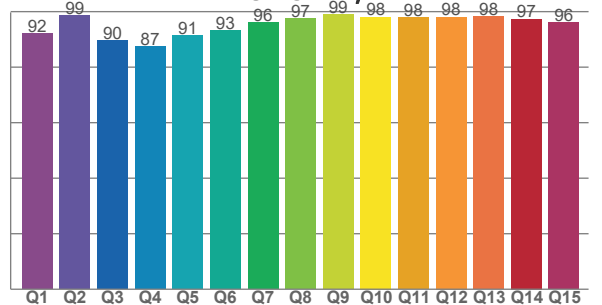
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,9	97,4	95,4	94,6	89,1	94,8	95,4	90,6	89,2	85,1	86,0	96,8	93,3	93,6	83,6	95,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,2	98,6	89,6	87,5	91,4	93,2	96,2	97,5	99,0	98,0	98,0	98,1	98,2	97,4	96,1

CQS: 94,2



COLOR PARAMETERS

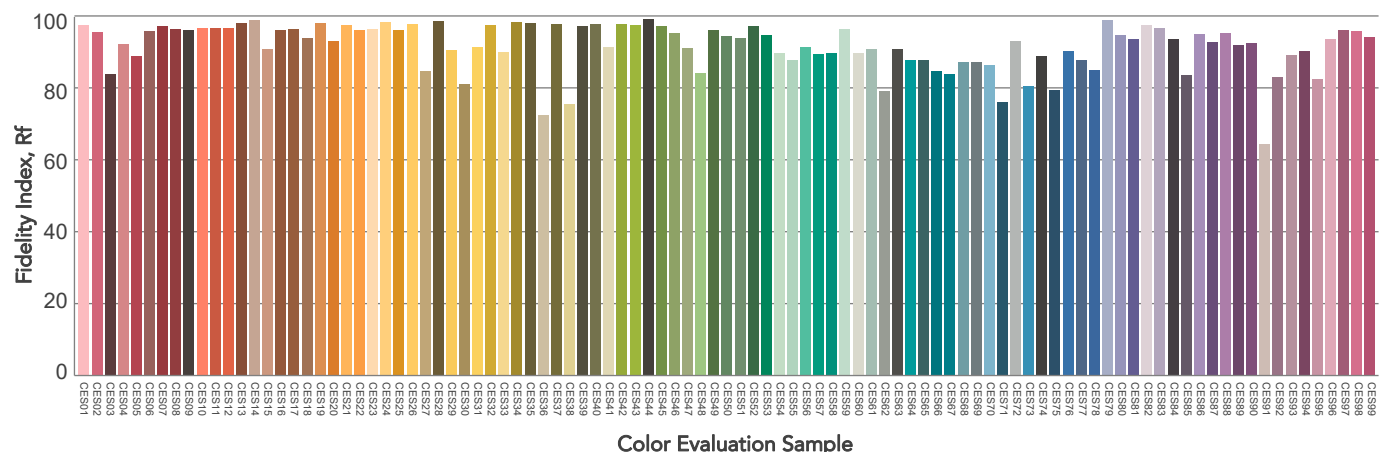
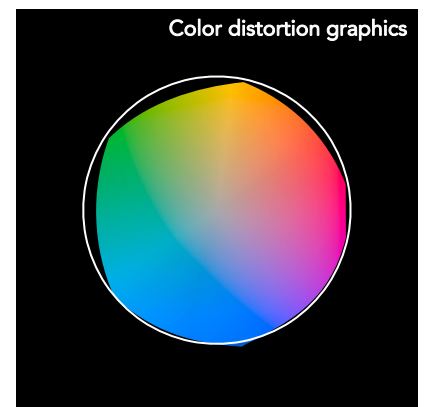
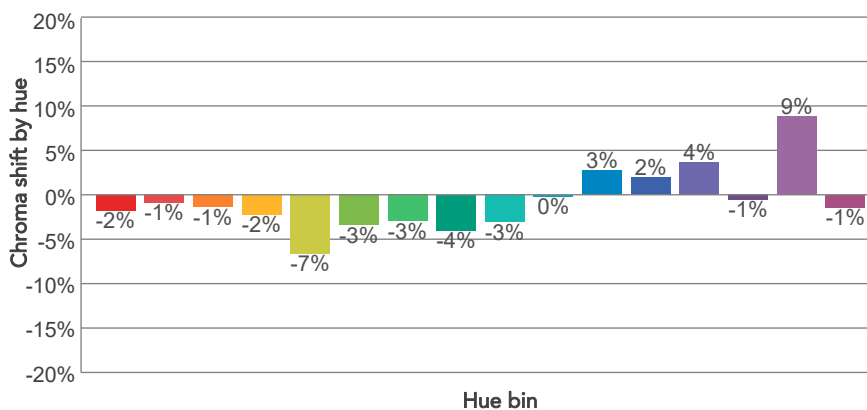
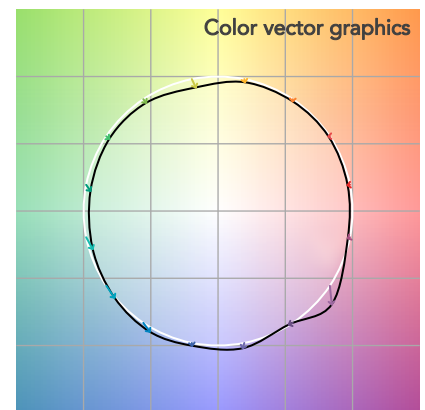
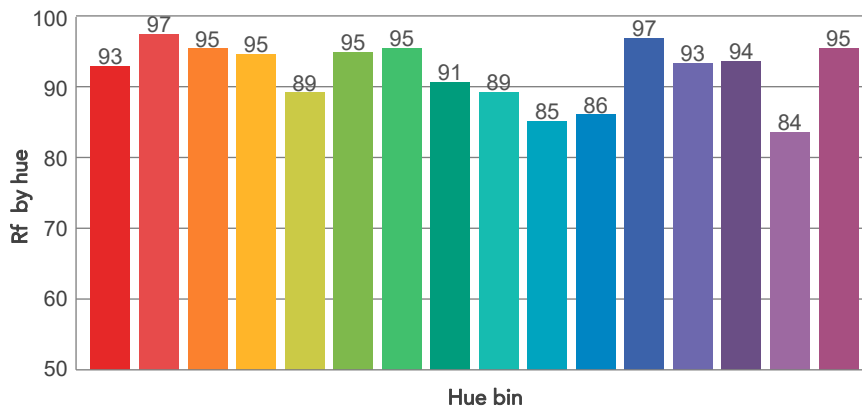
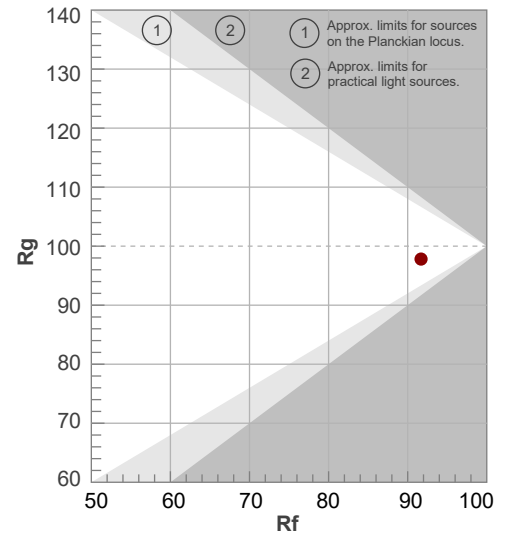
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6669 K	95,5	88,4	91,7	97,8	94,2	98	0,309	0,332	0,0064

TM30 DETAILS

Rf 91,7
Fidelity index Rf

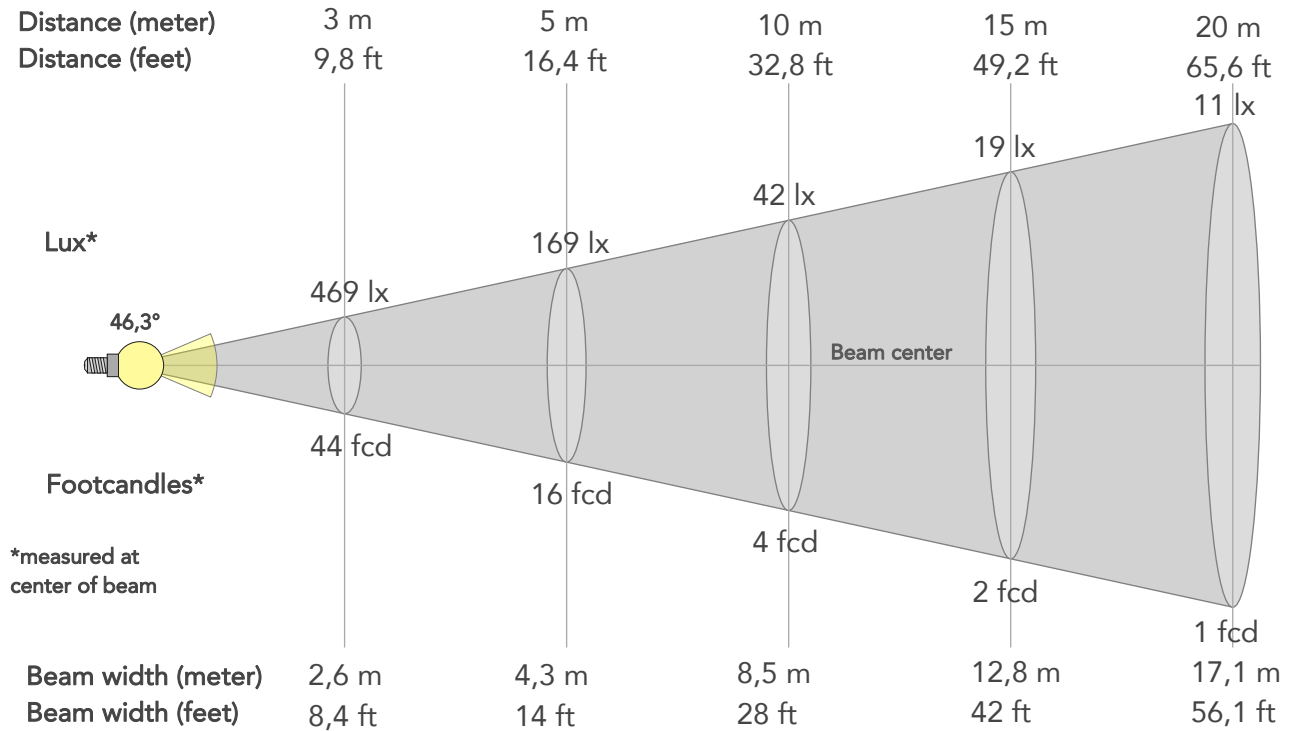
Rg 97,8
Gammut index

		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	93	-2%	0%
2	97	-1%	1%
3	95	-1%	-1%
4	95	-2%	-1%
5	89	-7%	-2%
6	95	-3%	0%
7	95	-3%	0%
8	91	-4%	4%
9	89	-3%	9%
10	85	0%	11%
11	86	3%	8%
12	97	2%	1%
13	93	4%	-2%
14	94	-1%	-3%
15	84	9%	-11%
16	95	-1%	-1%



BEAM DETAILS

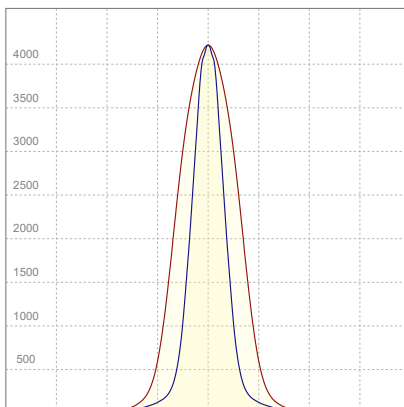
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,3°	77,4°	110,6°	96,6%	88,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4217lx	1054lx	469lx	264lx	169lx	75lx	42lx	19lx	11lx	7lx	5lx	3lx	2lx
Footcand.	392fcd	98fcd	44fcd	24fcd	16fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,5m	12,8m	17,1m	21,4m	25,6m	34,2m	42,7m
Beam wid.	2,8ft	5,6ft	8,4ft	11,2ft	14ft	21ft	28ft	42ft	56,1ft	70,1ft	84,1ft	112,1ft	140,1ft

LINEAR DISTRIBUTION DIAGRAM

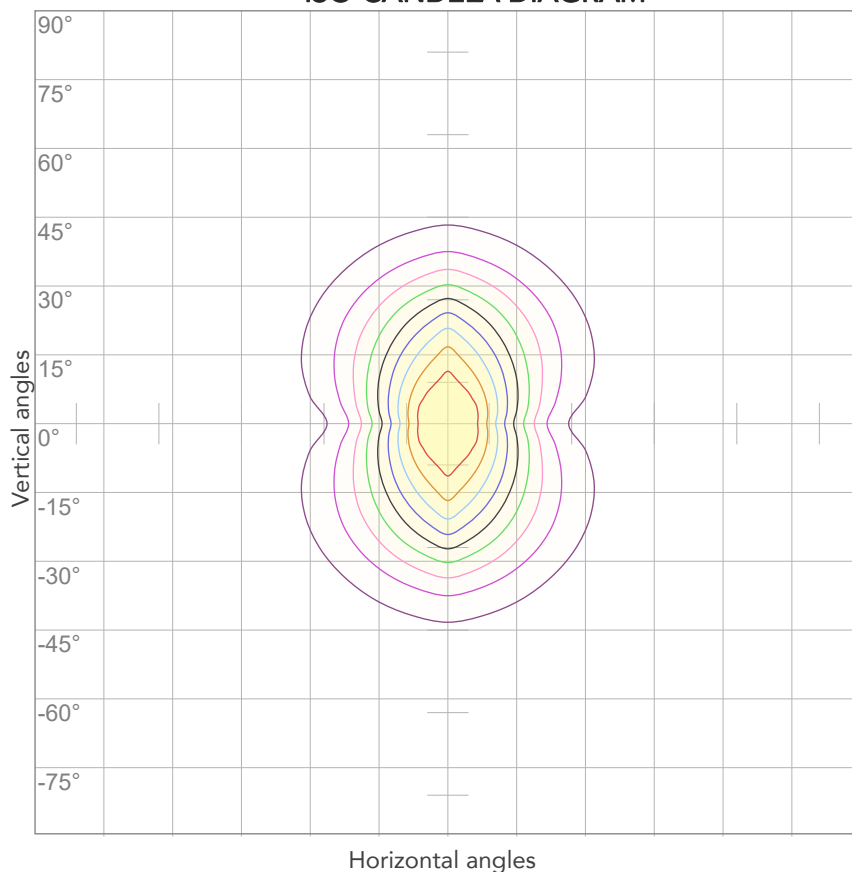


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,254A	54,6W	0,94	56lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



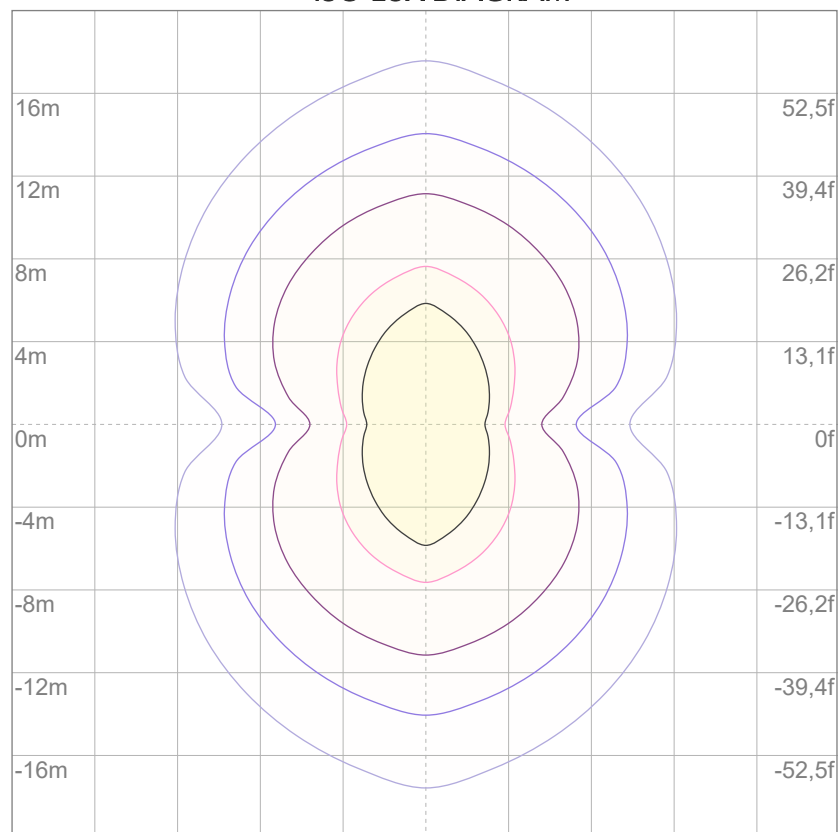
10%	422 cd
20%	843 cd
30%	1265 cd
40%	1687 cd
50%	2108 cd
60%	2530 cd
70%	2952 cd
80%	3373 cd

Conditions:

Number of c-planes: 4

Candela at center: 4217 cd

ISO LUX DIAGRAM



3%	1,27 lx
5%	2,11 lx
10%	4,22 lx
30%	12,7 lx
50%	21,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 42,2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2548 lm

Peak candela output:

35198 cd

Light quality:

CRI: 97,2

Color temperature:

2807 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Narrow Lens

Target:

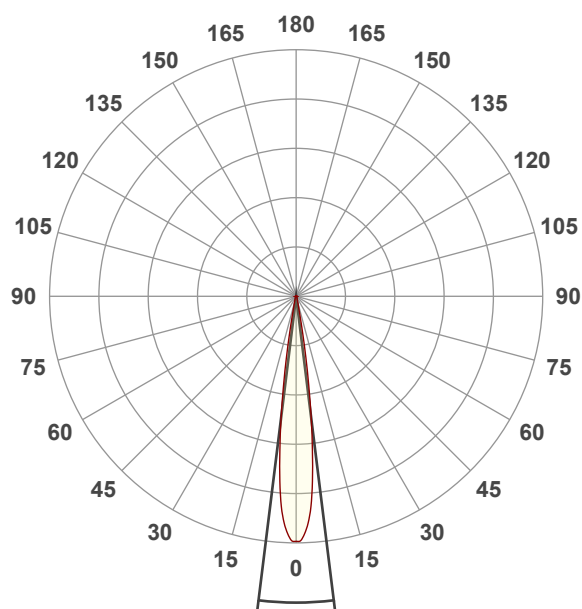
2800K

Operator:

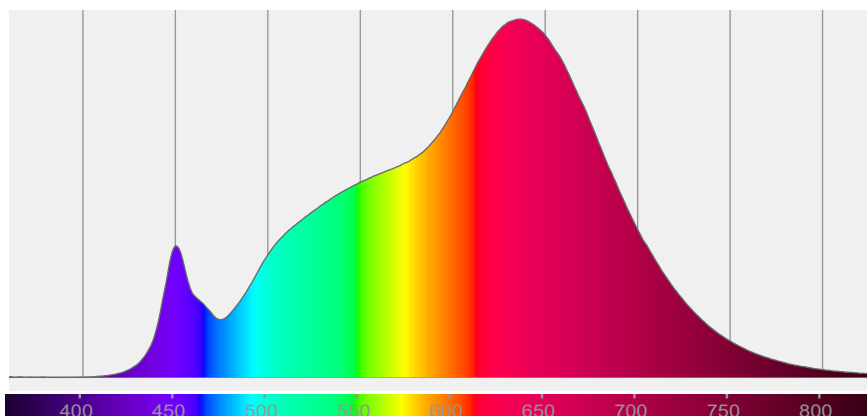
Giuseppe della Peruta

Date and time:

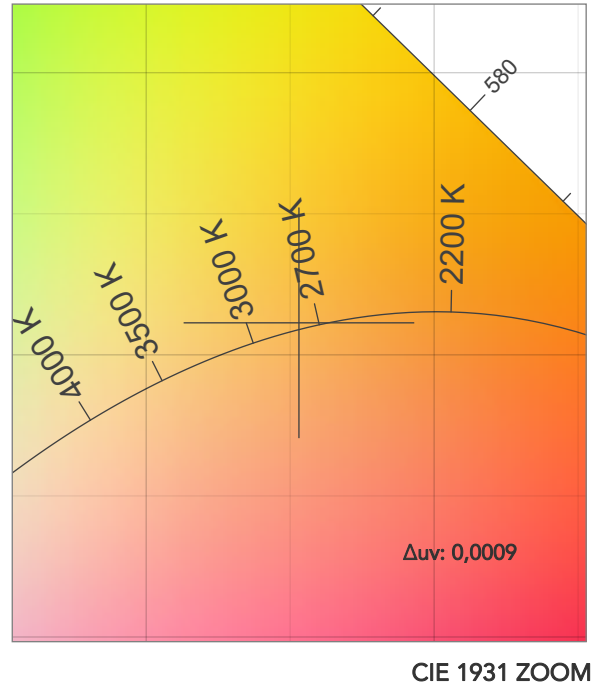
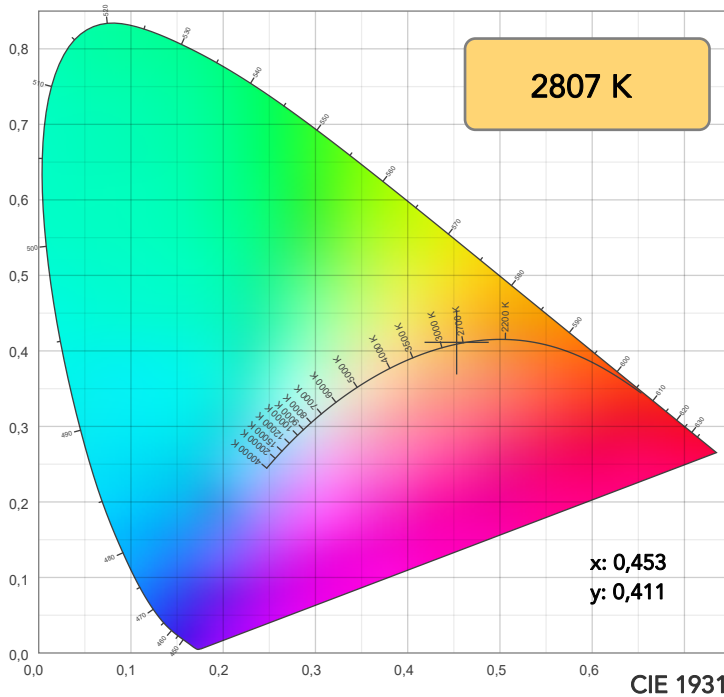
01/08/2025 13:13:45



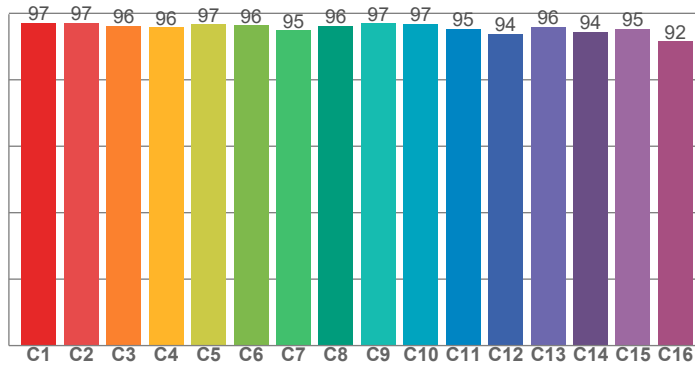
Spectra



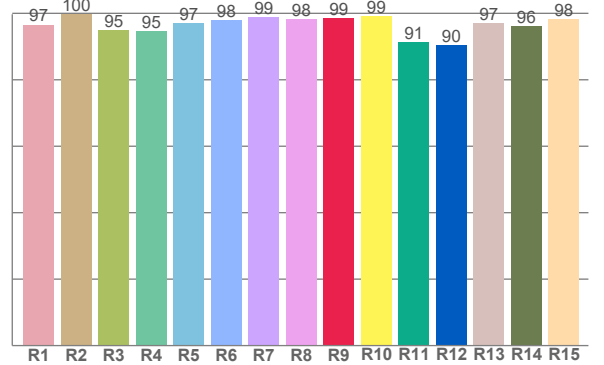
COLOR DETAILS



TM30: 95,8



CRI: 97,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,6	99,7	94,9	94,7	97,1	97,9	98,9	98,1	98,5	99,1	91,3	90,4	97,2	96,0	98,1

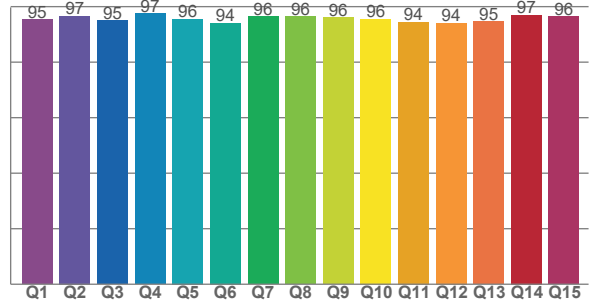
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,2	97,1	96,3	95,9	96,7	96,3	94,9	96,3	97,0	96,9	95,3	93,8	96,0	94,5	95,3	91,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,4	96,6	94,9	97,4	95,6	94,1	96,5	96,4	96,1	95,6	94,5	94,0	94,6	97,0	96,5

CQS: 95,5



COLOR PARAMETERS

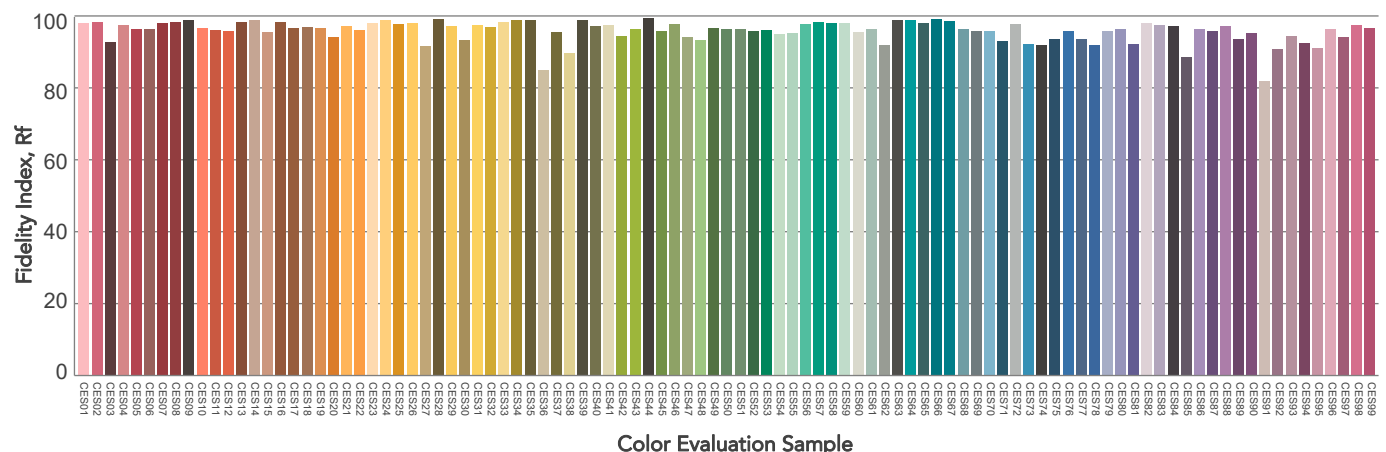
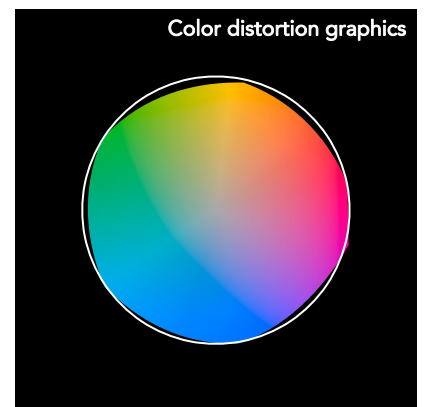
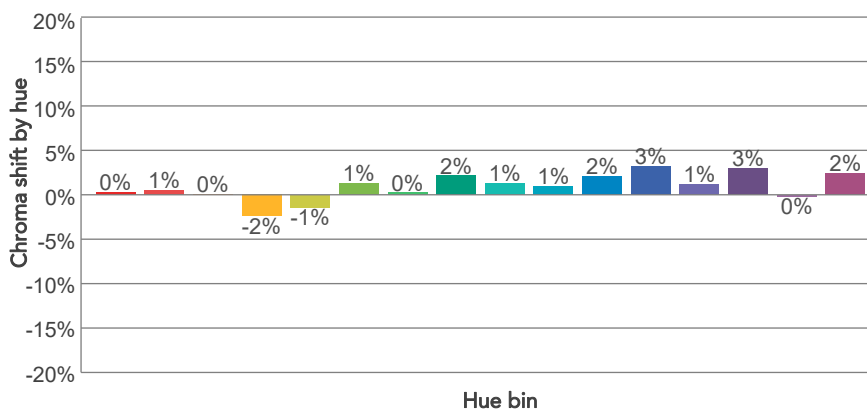
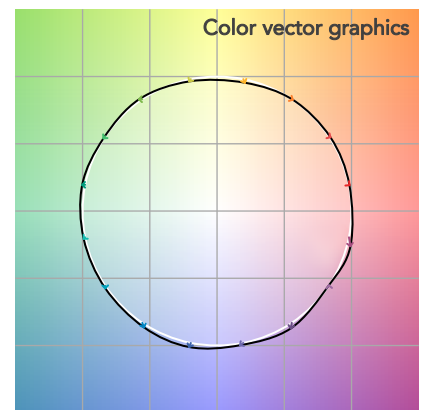
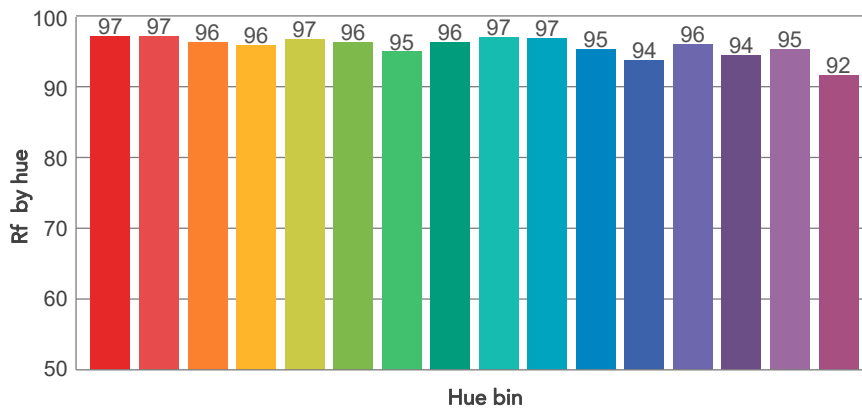
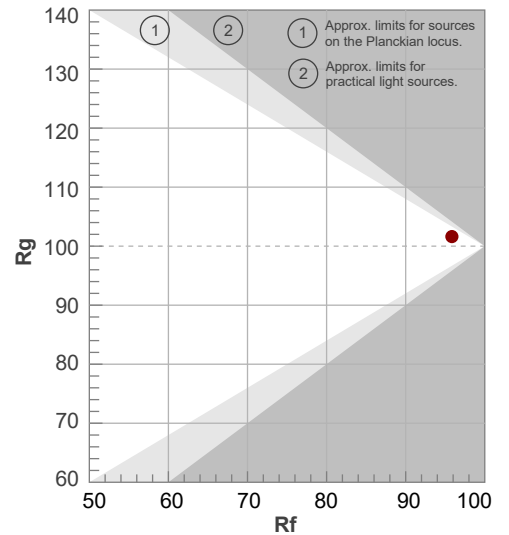
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2807 K	97,2	98,5	95,8	101,6	95,5	98	0,453	0,411	0,0009

TM30 DETAILS

Rf 95,8
Fidelity index Rf

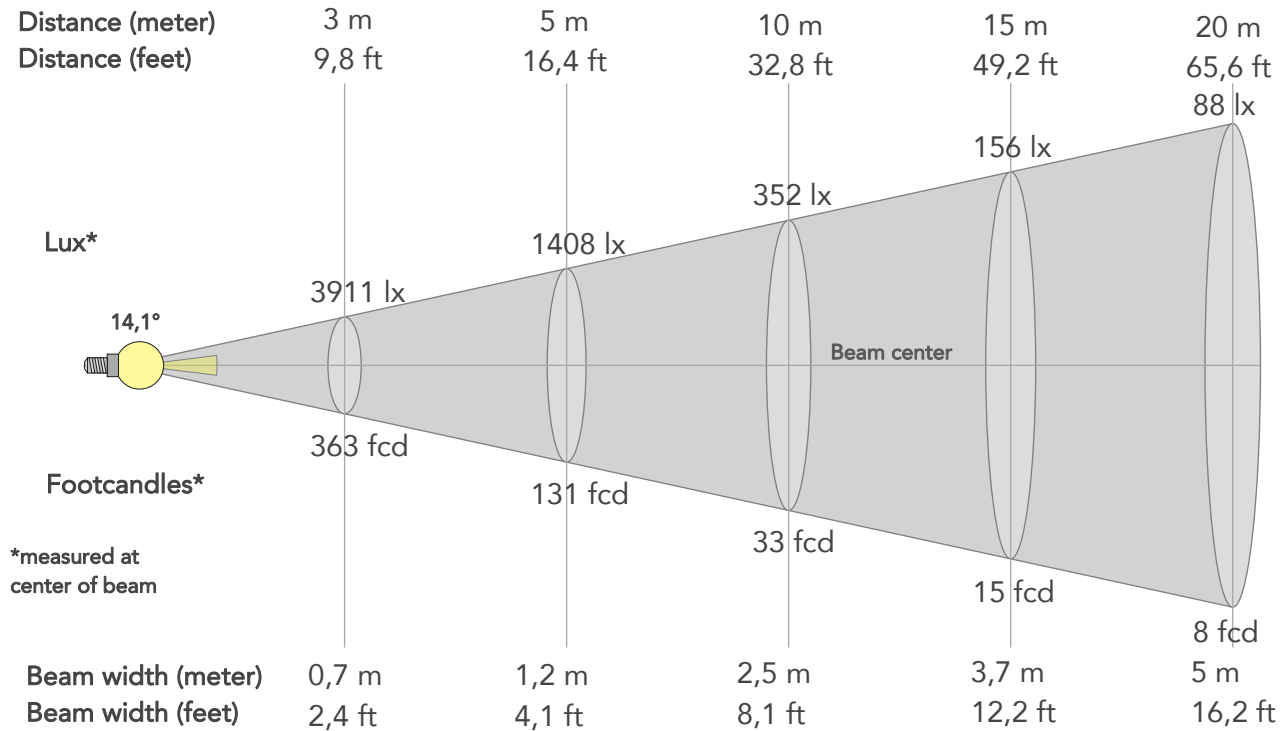
Rg 101,6
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	97	1%	-1%
3	96	0%	-1%
4	96	-2%	-2%
5	97	-1%	1%
6	96	1%	2%
7	95	0%	2%
8	96	2%	0%
9	97	1%	1%
10	97	1%	2%
11	95	2%	3%
12	94	3%	-1%
13	96	1%	-3%
14	94	3%	-3%
15	95	0%	0%
16	92	2%	-6%



BEAM DETAILS

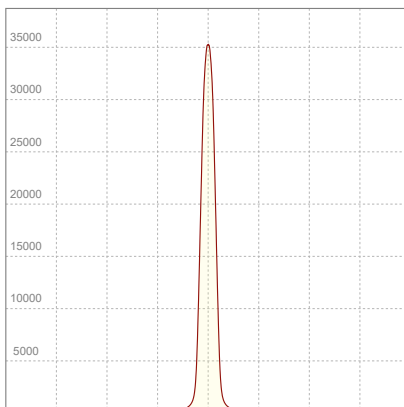
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,1°	21,8°	30,7°	97,6%	94,5%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	35198lx	8799lx	3911lx	2200lx	1408lx	626lx	352lx	156lx	88lx	56lx	39lx	22lx	14lx
Footcand.	3270fcd	817fcd	363fcd	204fcd	131fcd	58fcd	33fcd	15fcd	8fcd	5fcd	4fcd	2fcd	1fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,9m	2,5m	3,7m	5m	6,2m	7,4m	9,9m	12,4m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4,1ft	6,1ft	8,1ft	12,2ft	16,2ft	20,3ft	24,4ft	32,5ft	40,6ft

LINEAR DISTRIBUTION DIAGRAM

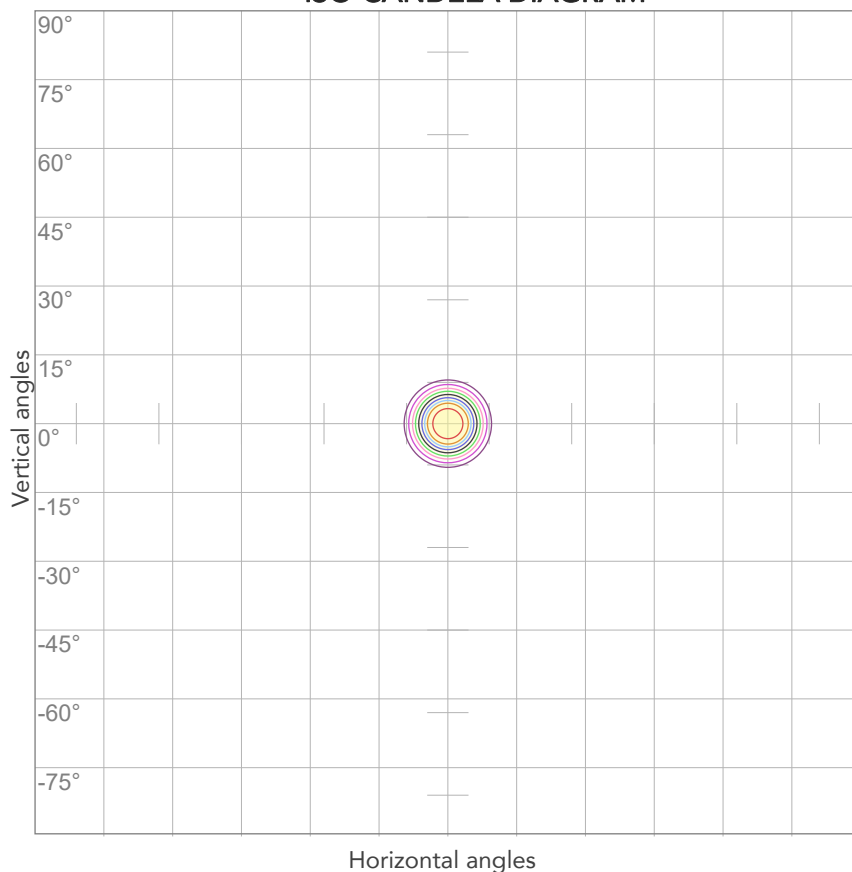


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,263A	56,6W	0,95	45lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



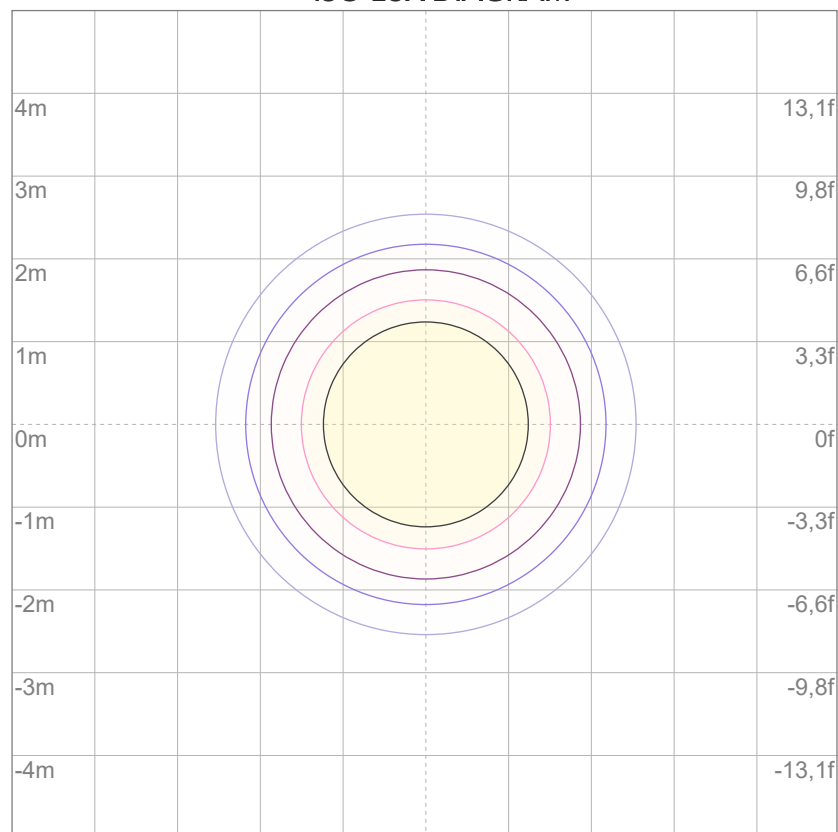
10%	3520 cd
20%	7040 cd
30%	10559 cd
40%	14079 cd
50%	17599 cd
60%	21119 cd
70%	24638 cd
80%	28158 cd

Conditions:

Number of c-planes: 2

Candela at center: 35198 cd

ISO LUX DIAGRAM



3%	10,6 lx
5%	17,6 lx
10%	35,2 lx
30%	106 lx
50%	176 lx

Conditions:

Number of c-planes: 2

Lux at center: 352 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2422 lm

Peak candela output:

8892 cd

Light quality:

CRI: 97,2

Color temperature:

2818 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Medium Lens

Target:

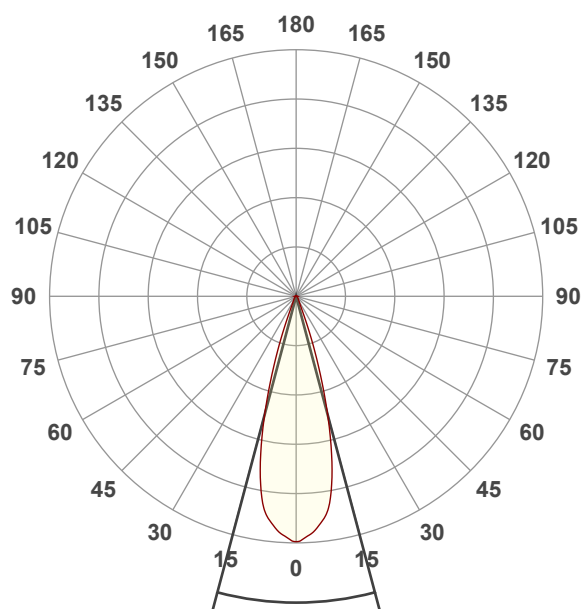
2800K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 16:37:31

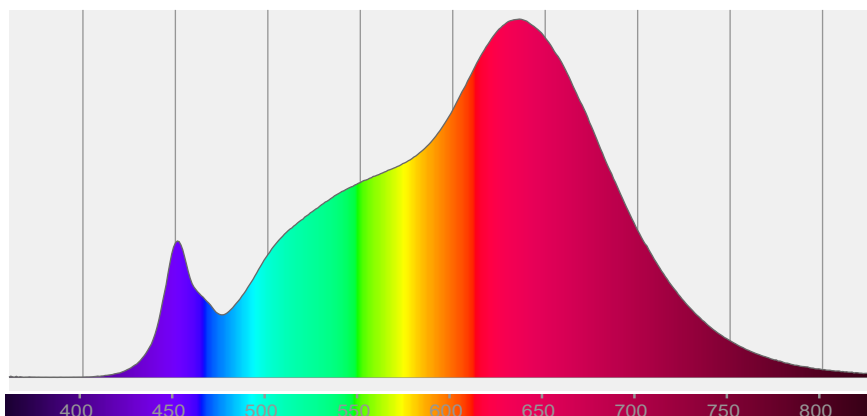


Beam angle 50%: 29,8°

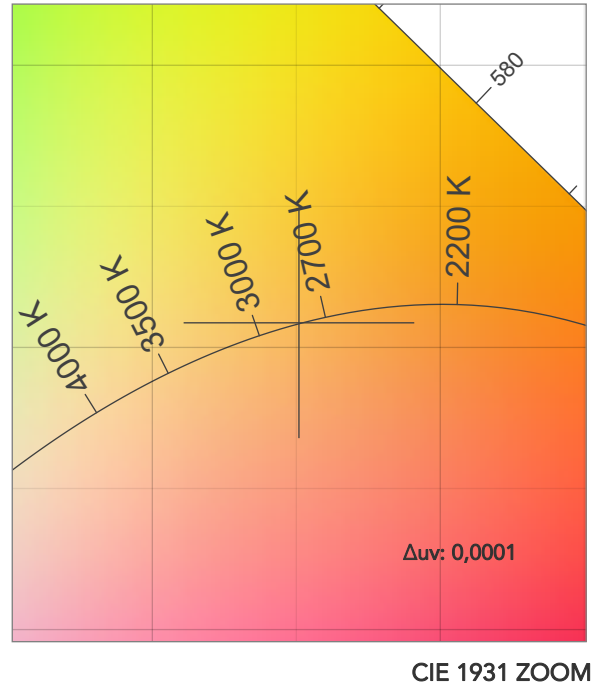
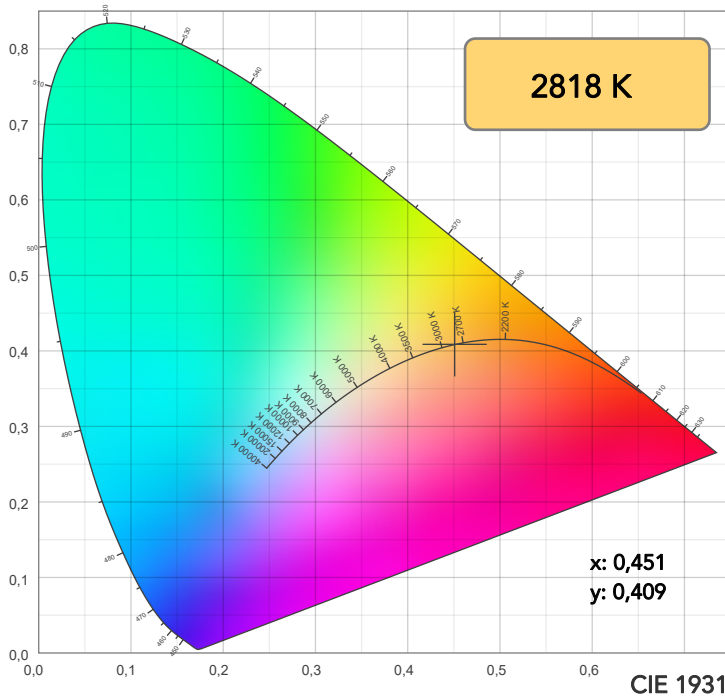
Field angle 10%: 43,3°

Cut off angle 2.5%: 59°

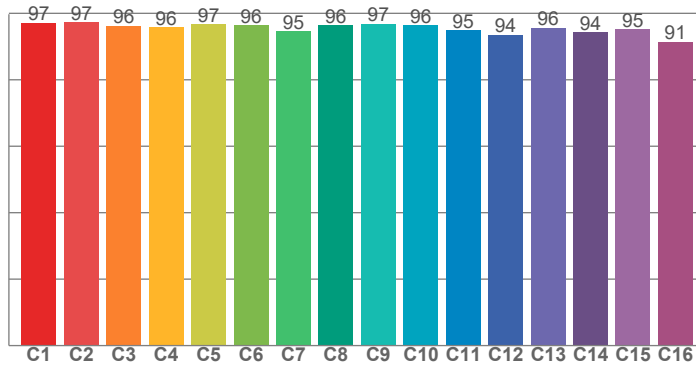
Spectra



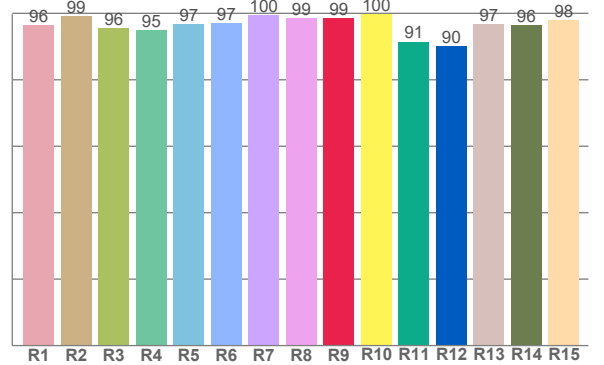
COLOR DETAILS



TM30: 95,7



CRI: 97,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,3	99,1	95,6	94,9	96,8	97,1	99,5	98,5	98,5	99,7	91,4	90,2	96,8	96,4	97,9

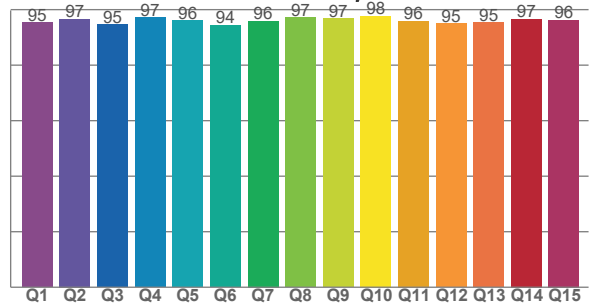
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,2	97,3	96,3	95,9	96,6	96,4	94,7	96,4	96,8	96,4	94,9	93,5	95,6	94,2	95,2	91,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,3	96,6	94,7	97,1	96,1	94,4	96,0	97,2	96,7	97,6	95,9	95,0	95,4	96,6	96,3

CQS: 95,8



COLOR PARAMETERS

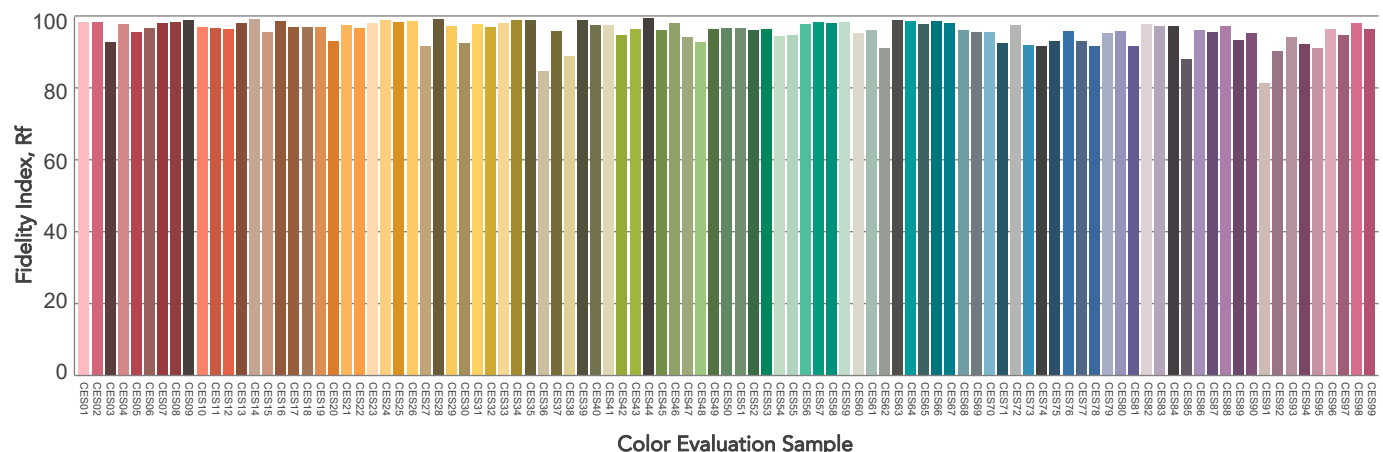
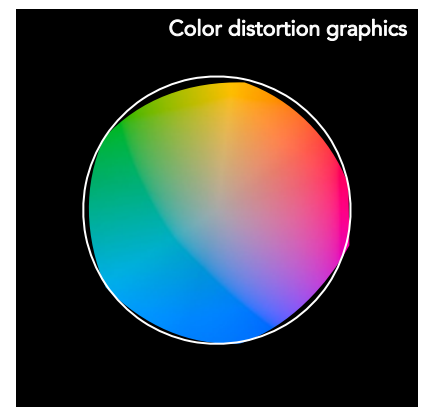
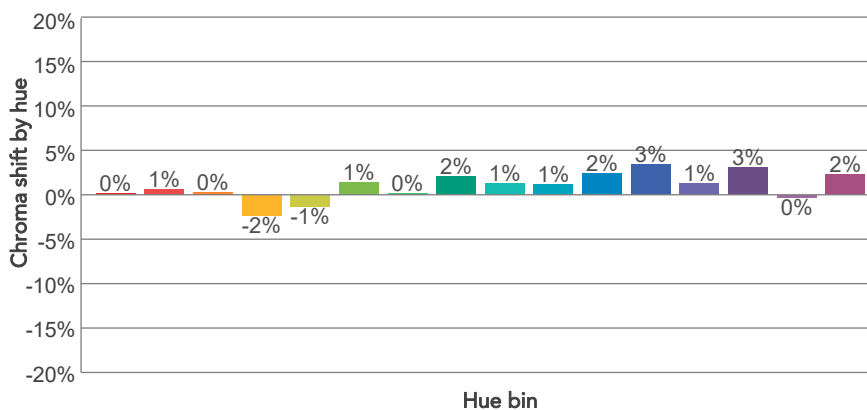
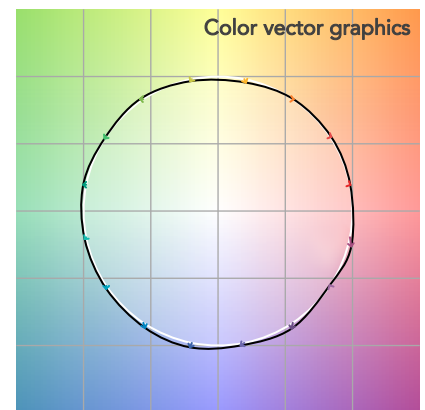
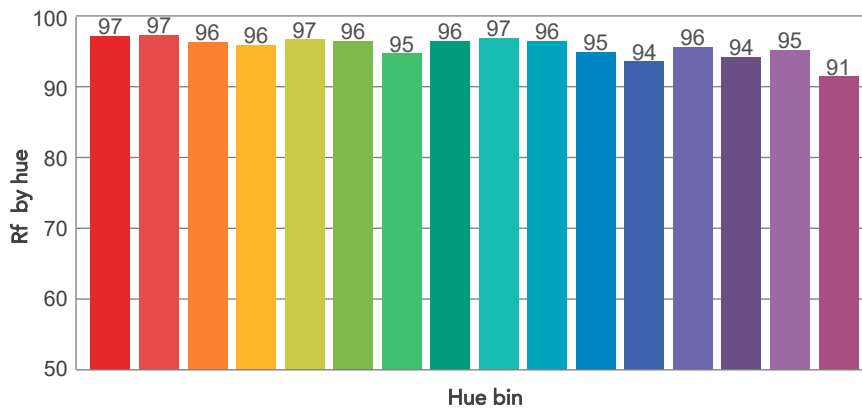
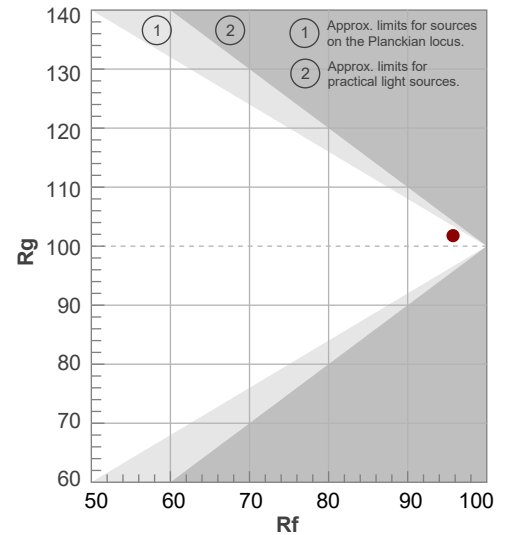
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2818 K	97,2	98,5	95,7	101,8	95,8	98	0,451	0,409	0,0001

TM30 DETAILS

Rf 95,7
Fidelity index Rf

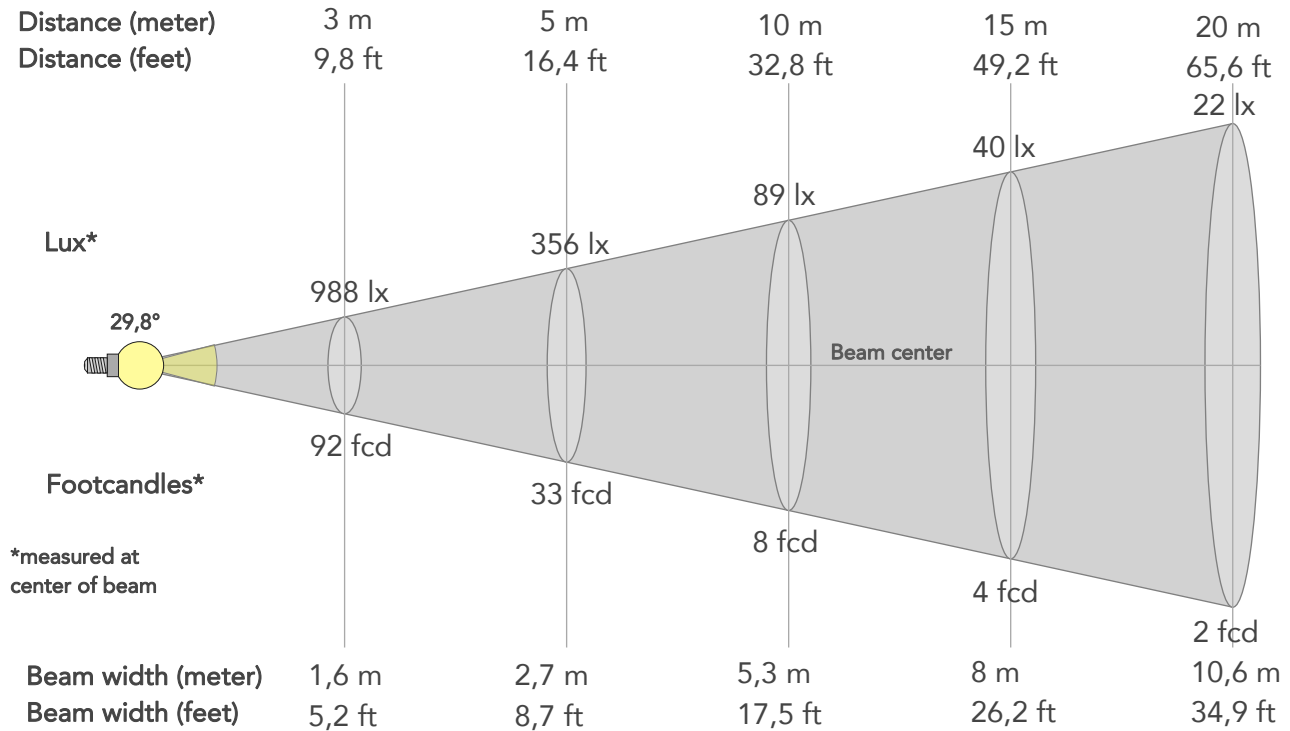
Rg 101,8
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	97	1%	-1%
3	96	0%	-1%
4	96	-2%	-2%
5	97	-1%	1%
6	96	1%	2%
7	95	0%	2%
8	96	2%	0%
9	97	1%	1%
10	96	1%	2%
11	95	2%	3%
12	94	3%	-1%
13	96	1%	-3%
14	94	3%	-3%
15	95	0%	0%
16	91	2%	-6%



BEAM DETAILS

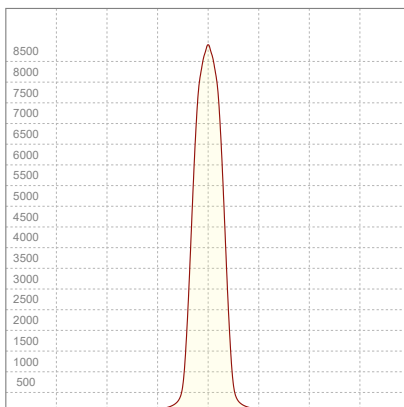
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,8°	43,3°	59°	97,4%	94,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	8892lx	2223lx	988lx	556lx	356lx	158lx	89lx	40lx	22lx	14lx	10lx	6lx	4lx
Footcand.	826fcd	207fcd	92fcd	52fcd	33fcd	15fcd	8fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1,1m	1,6m	2,1m	2,7m	4m	5,3m	8m	10,6m	13,3m	16m	21,3m	26,6m
Beam wid.	1,8ft	3,5ft	5,2ft	7ft	8,7ft	13,1ft	17,5ft	26,2ft	34,9ft	43,6ft	52,4ft	69,8ft	87,3ft

LINEAR DISTRIBUTION DIAGRAM

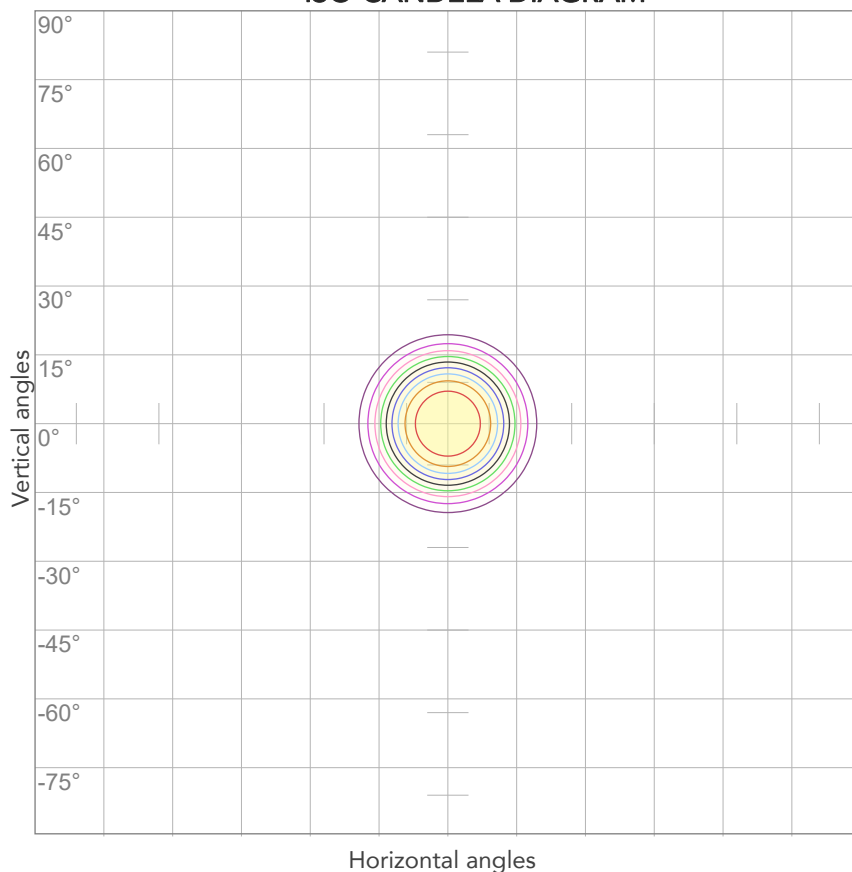


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,257A	55,6W	0,94	44lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



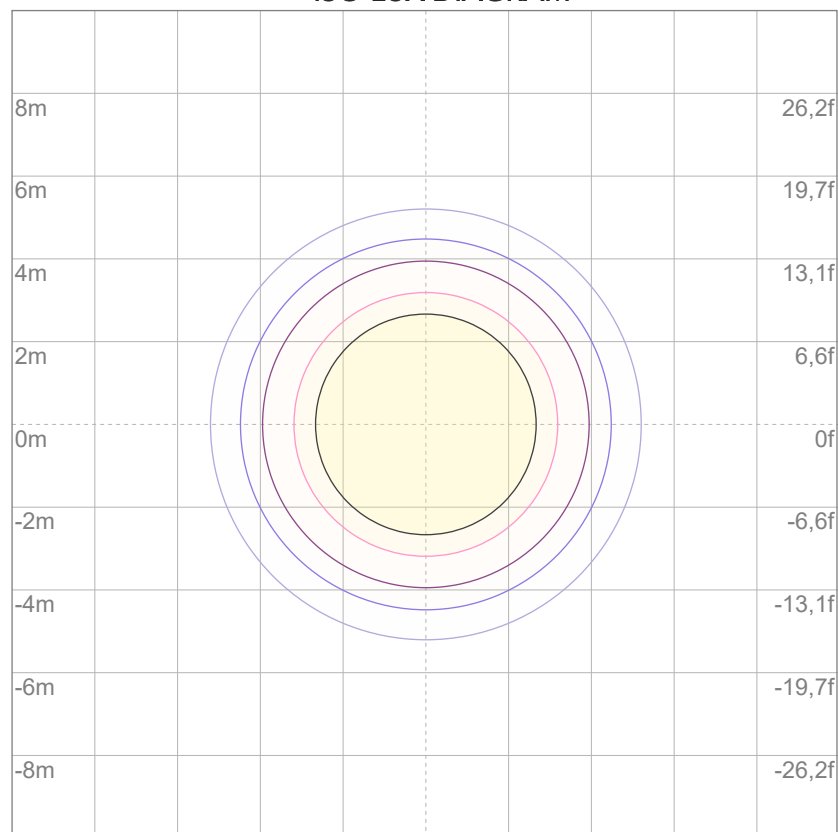
10%	889 cd
20%	1778 cd
30%	2667 cd
40%	3557 cd
50%	4446 cd
60%	5335 cd
70%	6224 cd
80%	7113 cd

Conditions:

Number of c-planes: 2

Candela at center: 8892 cd

ISO LUX DIAGRAM



3%	2,67 lx
5%	4,45 lx
10%	8,89 lx
30%	26,7 lx
50%	44,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 88,9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2490 lm

Peak candela output:

3235 cd

Light quality:

CRI: 97,3

Color temperature:

2804 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Wide Lens

Target:

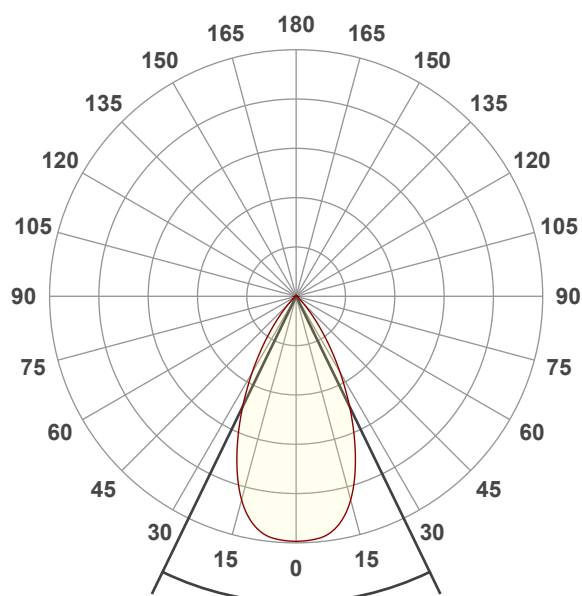
2800K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 17:09:14

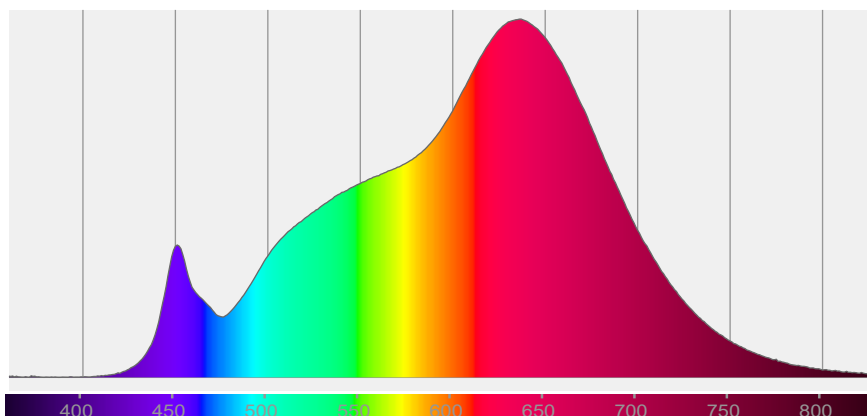


Beam angle 50%: 51,7°

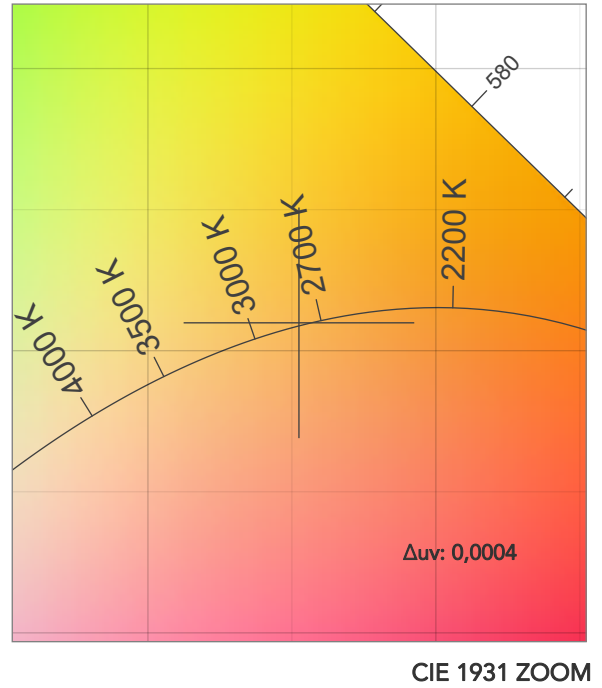
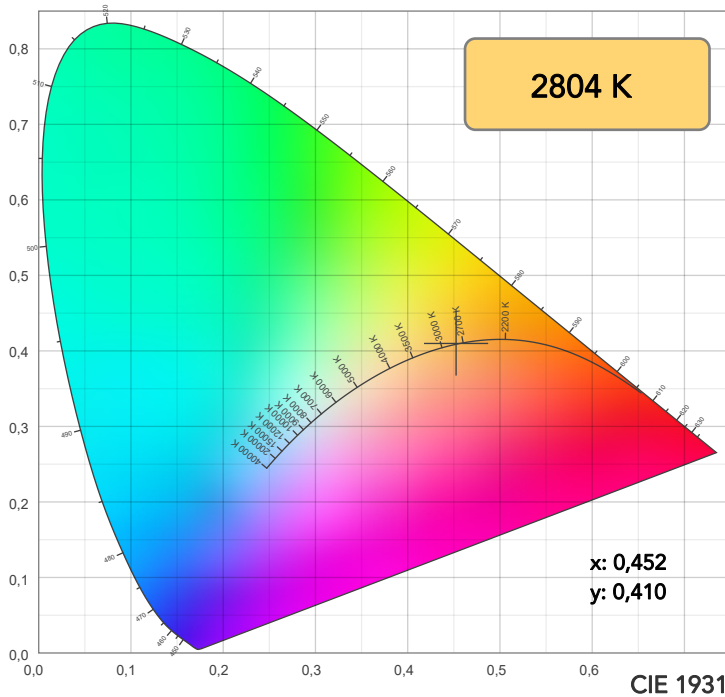
Field angle 10%: 80,7°

Cut off angle 2.5%: 97,2°

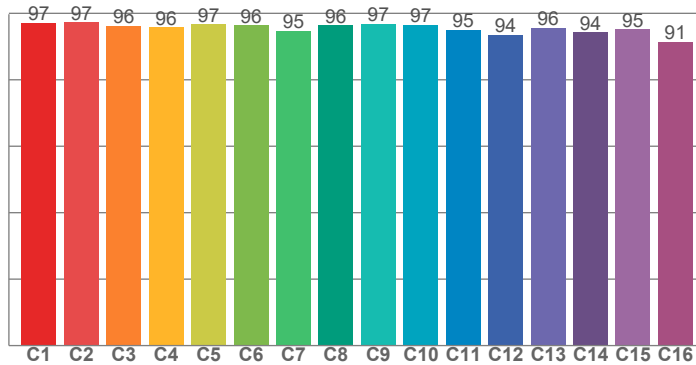
Spectra



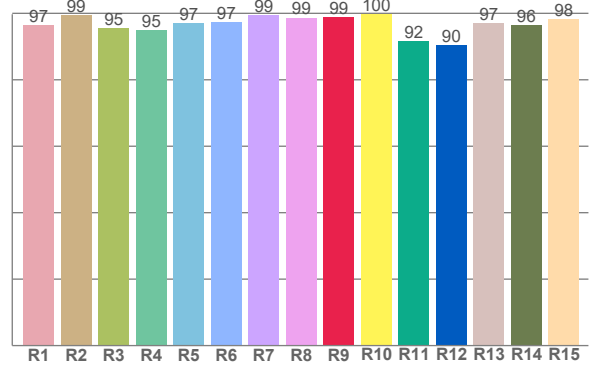
COLOR DETAILS



TM30: 95,8



CRI: 97,3 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,5	99,3	95,5	94,9	97,0	97,3	99,5	98,7	98,8	99,7	91,5	90,3	97,0	96,3	98,1

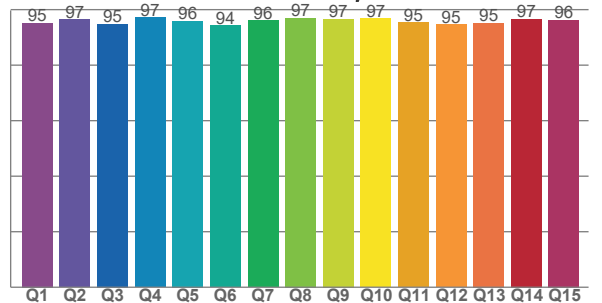
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,2	97,3	96,3	95,8	96,6	96,4	94,8	96,4	96,9	96,5	95,0	93,6	95,6	94,3	95,2	91,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,2	96,5	94,8	97,2	96,0	94,4	96,1	97,0	96,6	96,9	95,4	94,7	95,2	96,7	96,3

CQS: 95,7



COLOR PARAMETERS

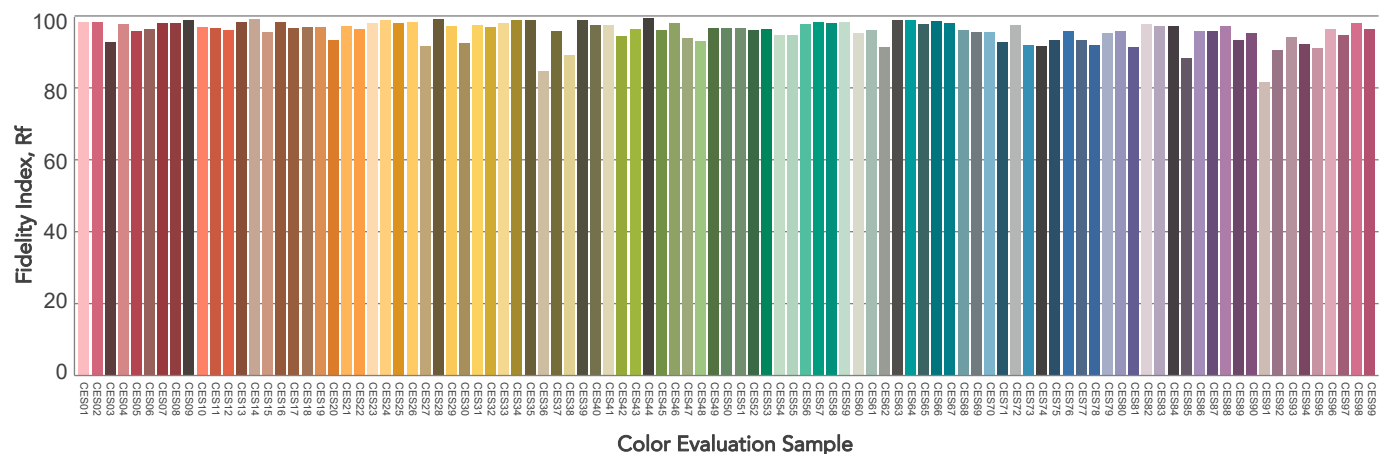
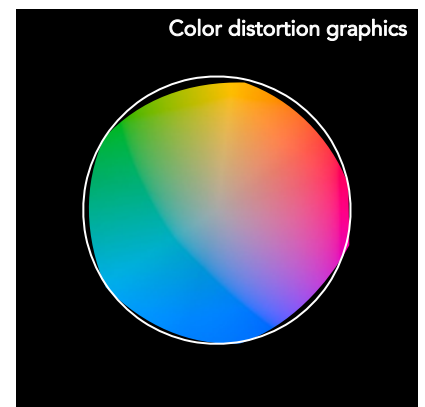
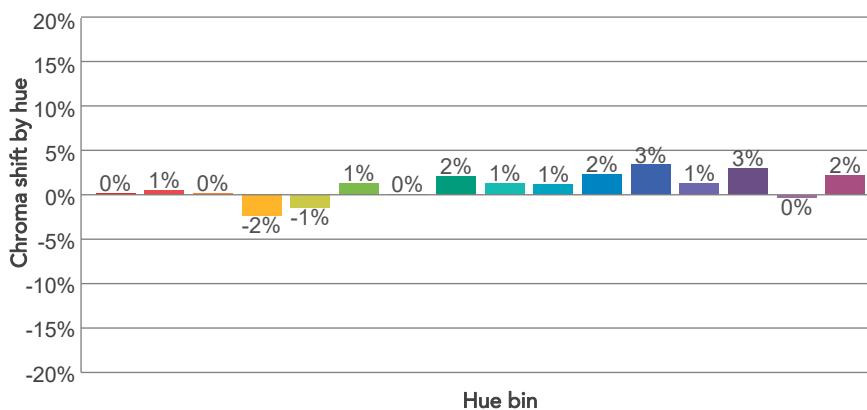
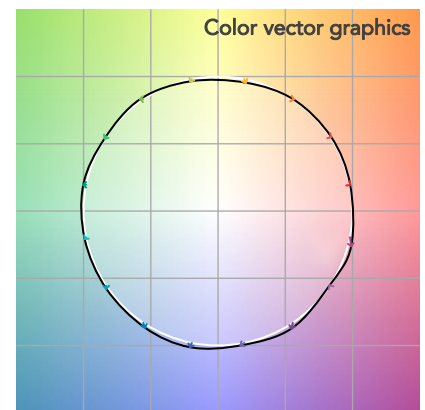
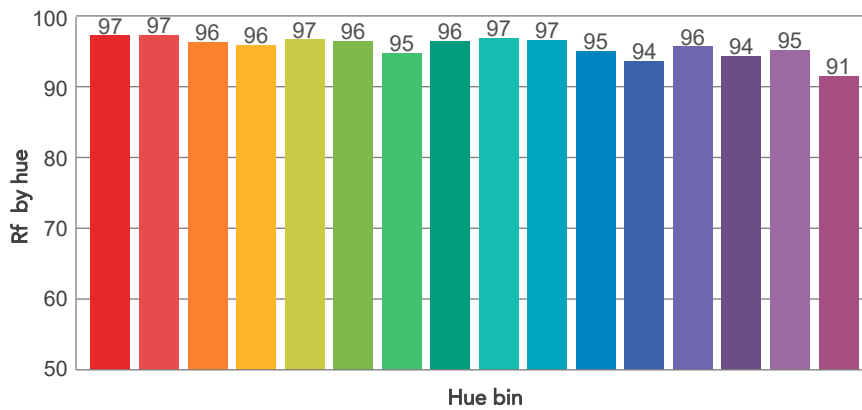
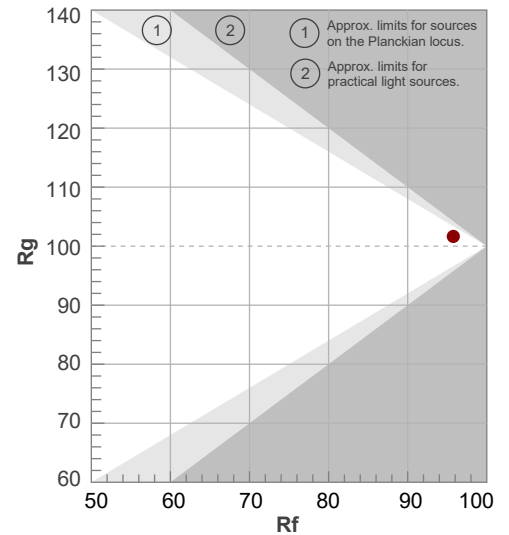
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2804 K	97,3	98,8	95,8	101,7	95,7	98	0,452	0,410	0,0004

TM30 DETAILS

Rf 95,8
Fidelity index Rf

Rg 101,7
Gammut index

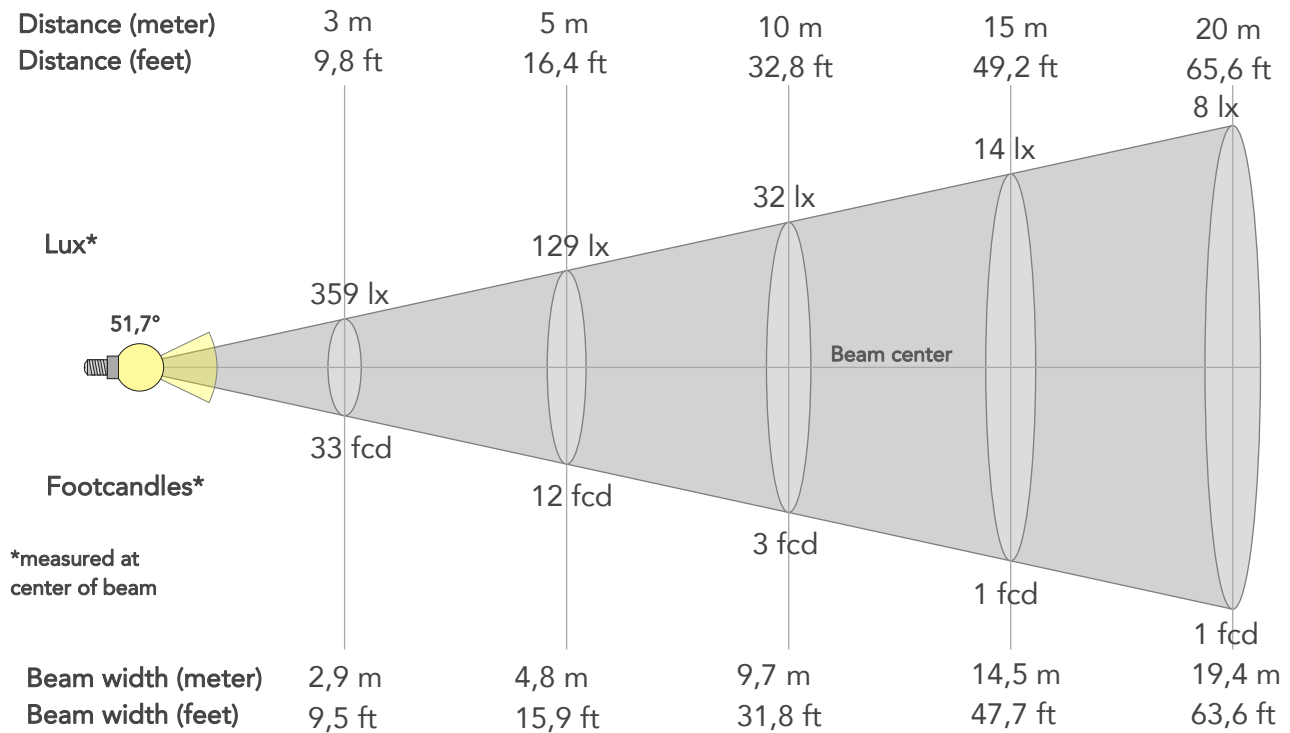
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	97	1%	-1%
3	96	0%	-1%
4	96	-2%	-2%
5	97	-1%	1%
6	96	1%	2%
7	95	0%	2%
8	96	2%	0%
9	97	1%	1%
10	97	1%	2%
11	95	2%	3%
12	94	3%	-1%
13	96	1%	-3%
14	94	3%	-3%
15	95	0%	0%
16	91	2%	-6%



BEAM DETAILS



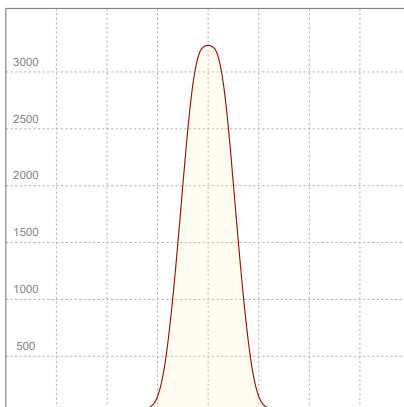
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
51,7°	80,7°	97,2°	98,3%	95,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	3235lx	809lx	359lx	202lx	129lx	58lx	32lx	14lx	8lx	5lx	4lx	2lx	1lx
Footcand.	301fcd	75fcd	33fcd	19fcd	12fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1m	1,9m	2,9m	3,9m	4,8m	7,3m	9,7m	14,5m	19,4m	24,2m	29,1m	38,8m	48,5m
Beam wid.	3,2ft	6,4ft	9,5ft	12,7ft	15,9ft	23,8ft	31,8ft	47,7ft	63,6ft	79,5ft	95,4ft	127,2ft	159ft

LINEAR DISTRIBUTION DIAGRAM

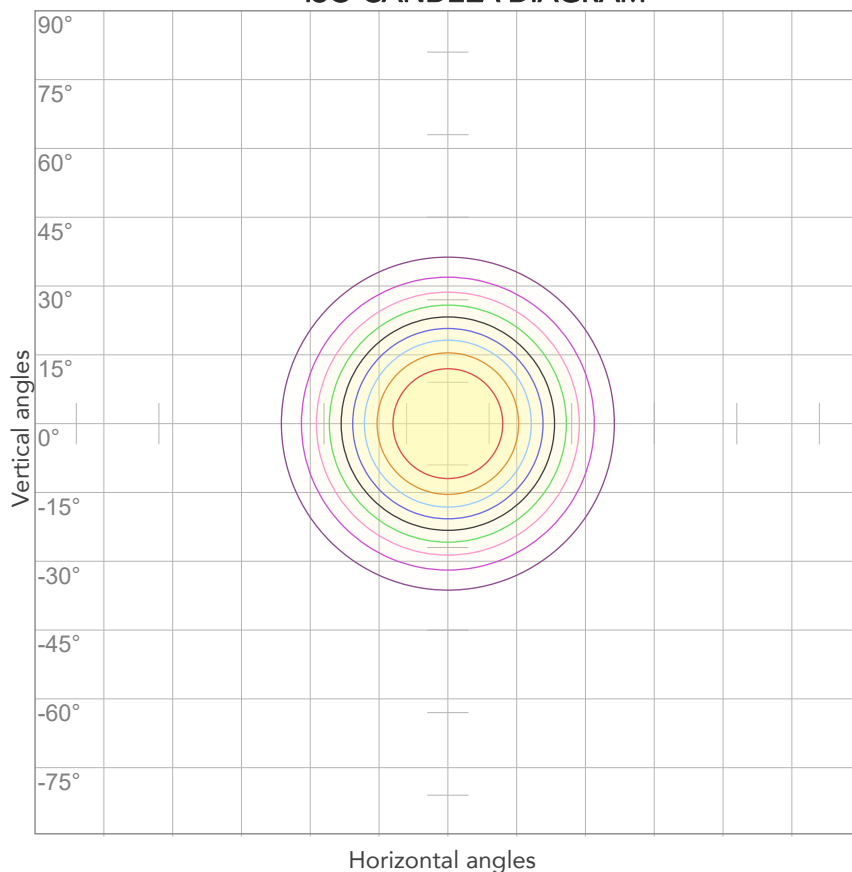


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,258A	55,6W	0,94	45lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



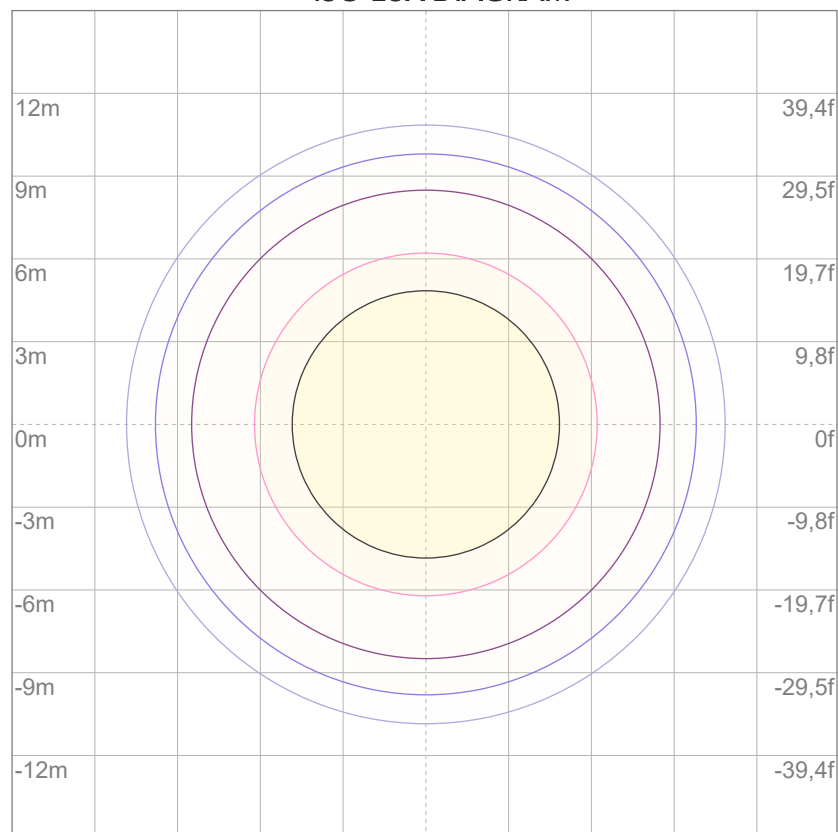
10%	323 cd
20%	647 cd
30%	970 cd
40%	1294 cd
50%	1617 cd
60%	1941 cd
70%	2264 cd
80%	2588 cd

Conditions:

Number of c-planes: 2

Candela at center: 3235 cd

ISO LUX DIAGRAM



3%	0,970 lx
5%	1,62 lx
10%	3,23 lx
30%	9,70 lx
50%	16,2 lx

Conditions:

Number of c-planes: 2

Lux at center: 32,3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2263 lm

Peak candela output:

16575 cd

Light quality:

CRI: 97,1

Color temperature:

2816 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x20° Filter

Target:

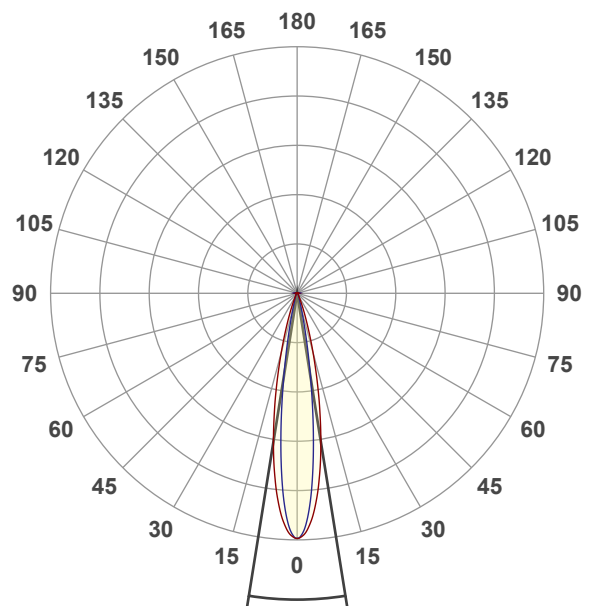
2800K

Operator:

Giuseppe della Peruta

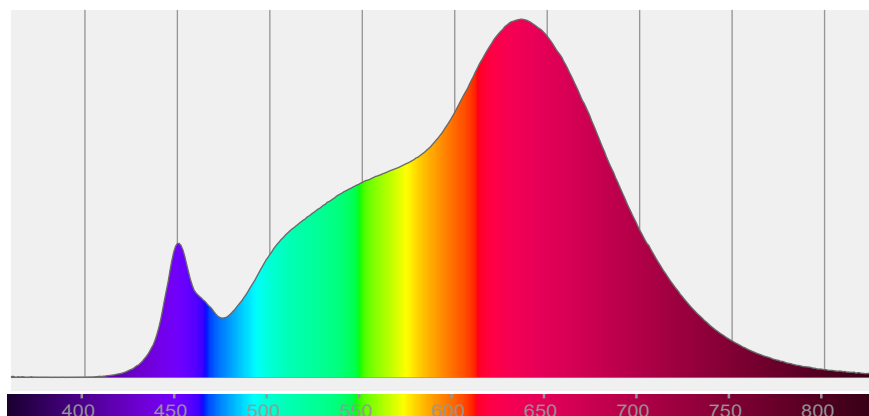
Date and time:

04/08/2025 14:04:39

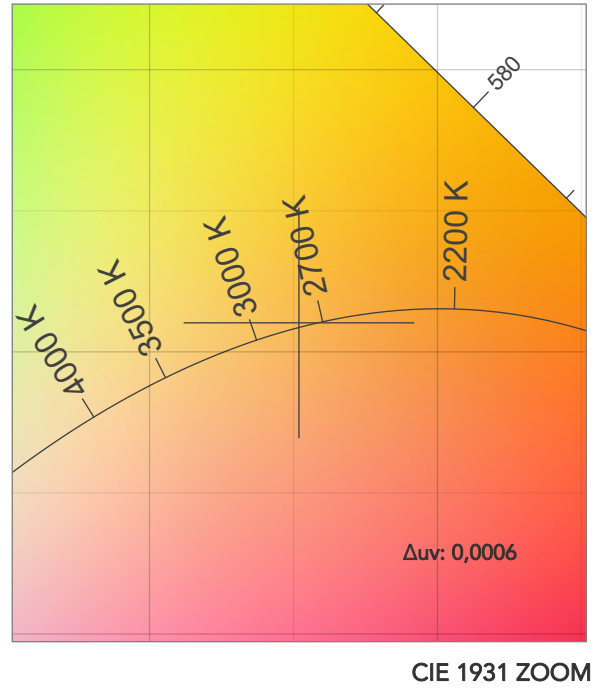
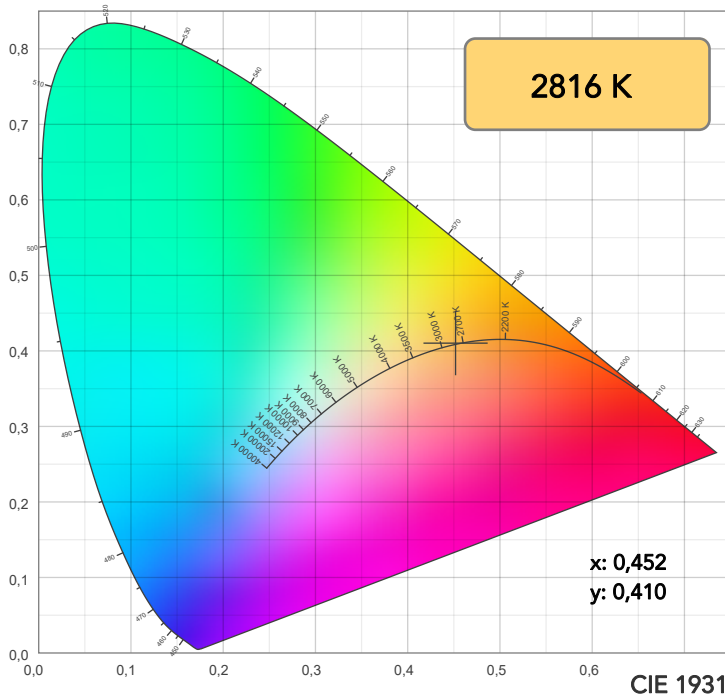


	Blue curve V	Red curve H
Beam angle 50%:	14,8°	21,5°
Field angle 10%:	27,2°	38,6°
Cut off angle 2.5%:	41,4°	52,2°

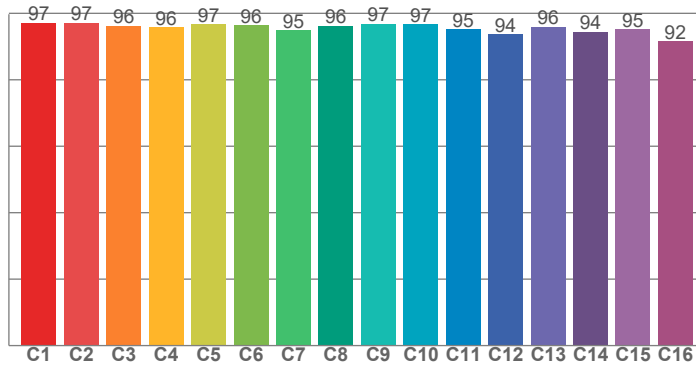
Spectra



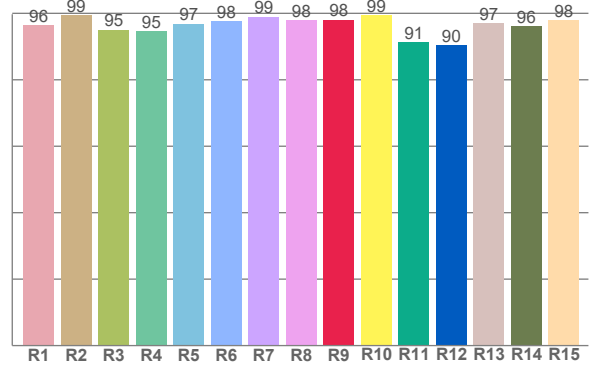
COLOR DETAILS



TM30: 95,8



CRI: 97,1 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,4	99,5	95,1	94,6	96,9	97,6	99,0	98,0	98,1	99,5	91,3	90,4	97,0	96,1	97,9

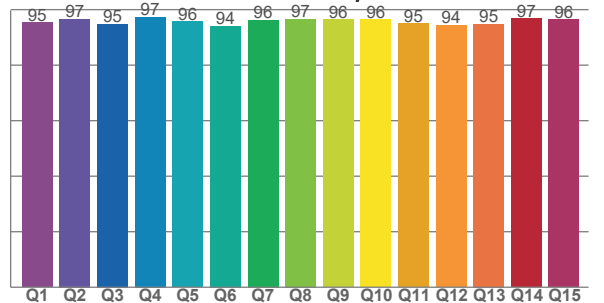
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,1	97,1	96,2	95,9	96,7	96,3	94,8	96,3	96,9	96,8	95,2	93,7	95,9	94,4	95,3	91,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,4	96,7	94,9	97,4	95,7	94,1	96,3	96,7	96,4	96,4	95,0	94,4	94,8	96,9	96,4

CQS: 95,6



COLOR PARAMETERS

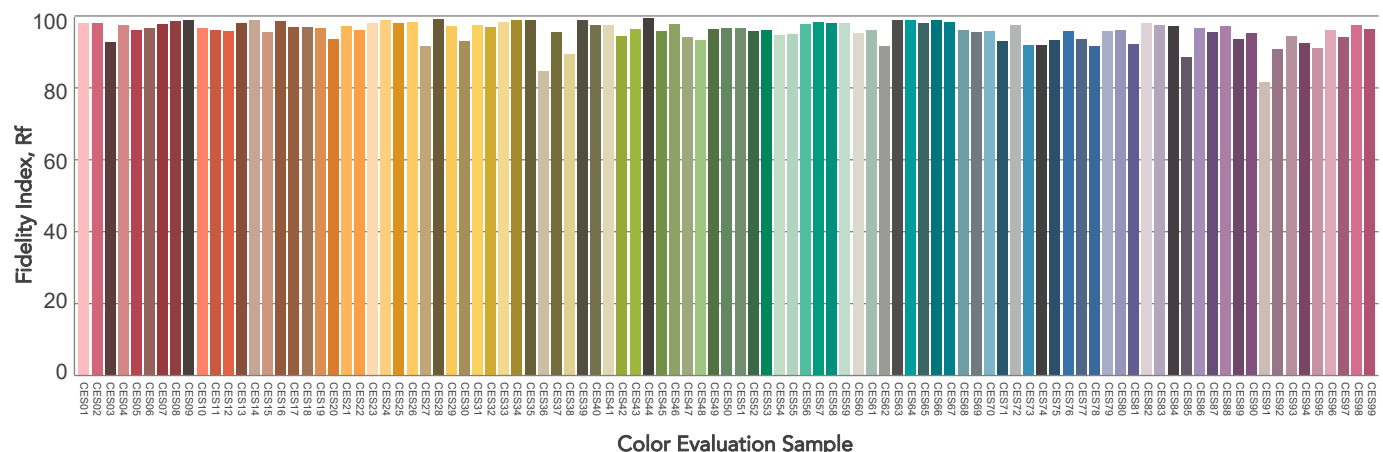
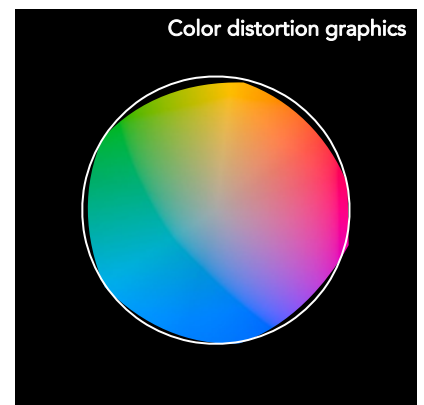
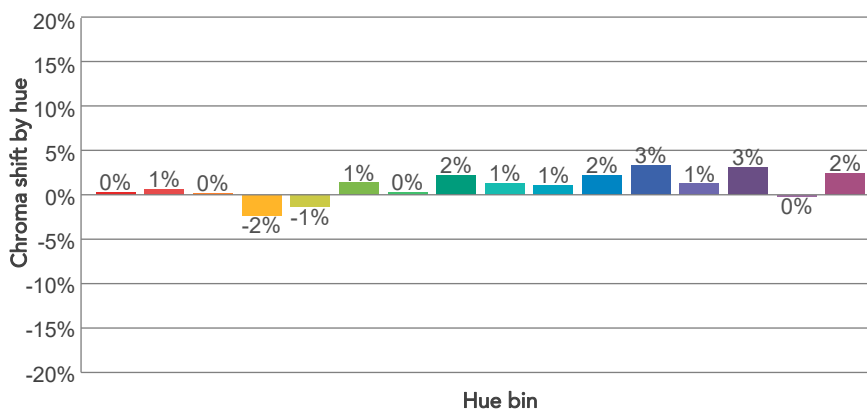
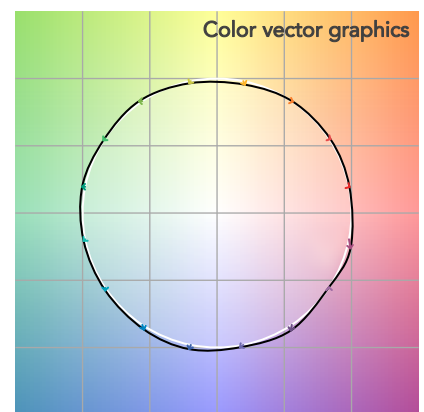
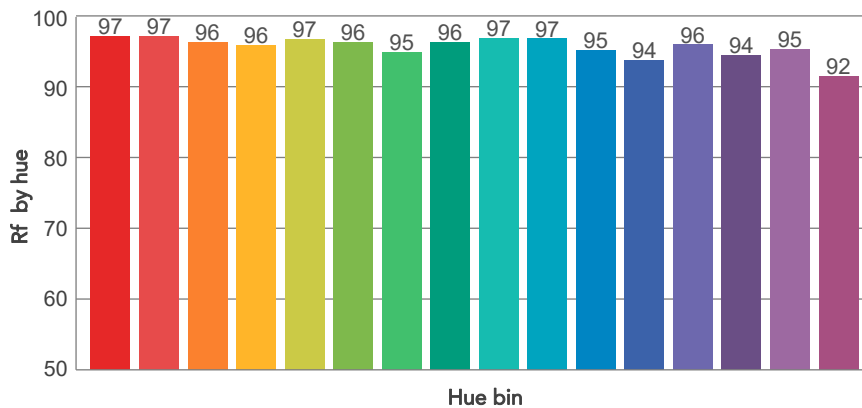
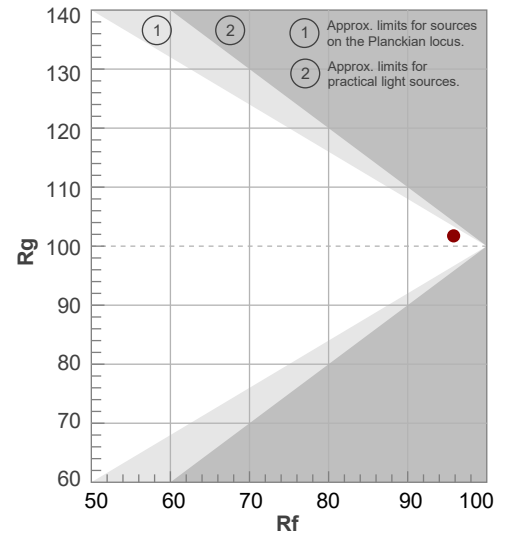
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2816 K	97,1	98,1	95,8	101,7	95,6	98	0,452	0,410	0,0006

TM30 DETAILS

Rf 95,8
Fidelity index Rf

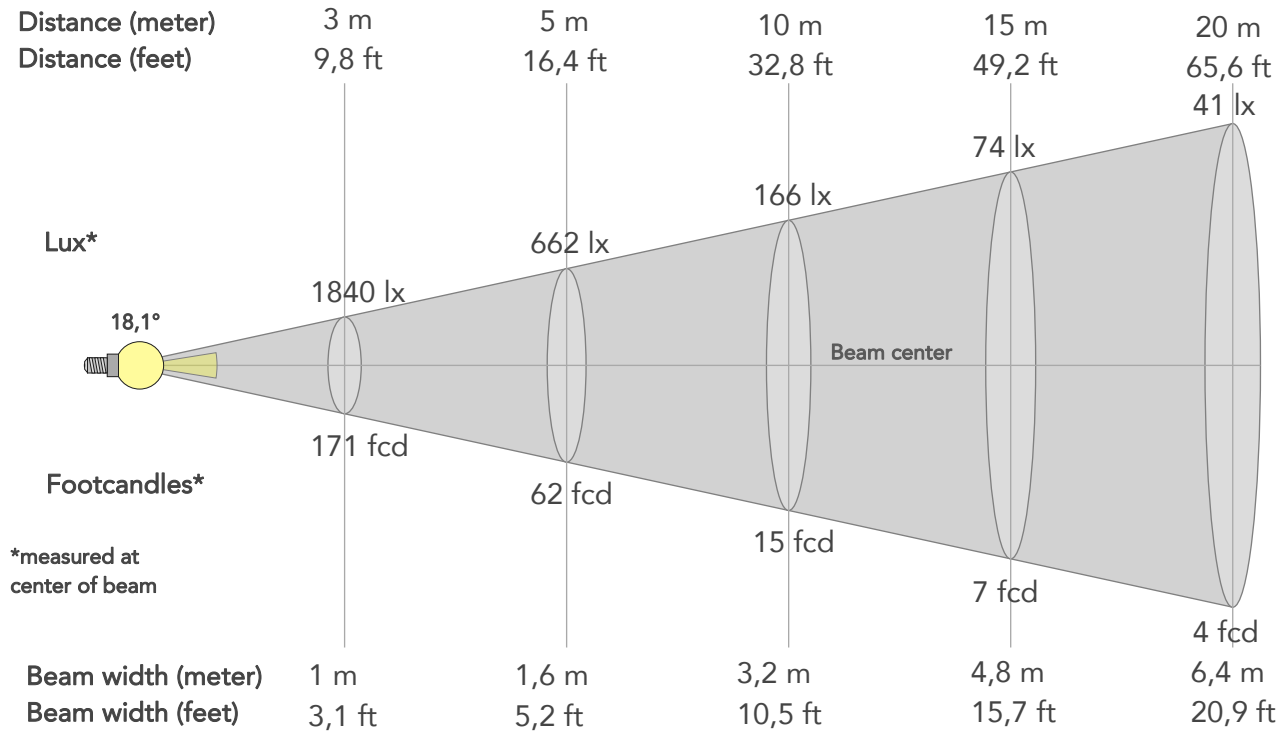
Rg 101,7
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	97	1%	-1%
3	96	0%	-1%
4	96	-2%	-2%
5	97	-1%	1%
6	96	1%	2%
7	95	0%	2%
8	96	2%	0%
9	97	1%	1%
10	97	1%	2%
11	95	2%	3%
12	94	3%	-1%
13	96	1%	-3%
14	94	3%	-3%
15	95	0%	0%
16	92	2%	-6%



BEAM DETAILS

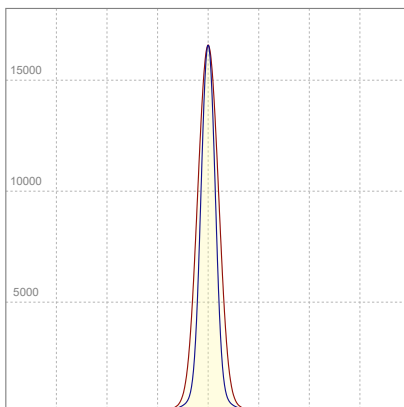
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	32,9°	46,8°	98,2%	95,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	16561lx	4140lx	1840lx	1035lx	662lx	294lx	166lx	74lx	41lx	26lx	18lx	10lx	7lx
Footcand.	1539fcd	385fcd	171fcd	96fcd	62fcd	27fcd	15fcd	7fcd	4fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,9ft	10,5ft	15,7ft	20,9ft	26,2ft	31,4ft	41,9ft	52,4ft

LINEAR DISTRIBUTION DIAGRAM

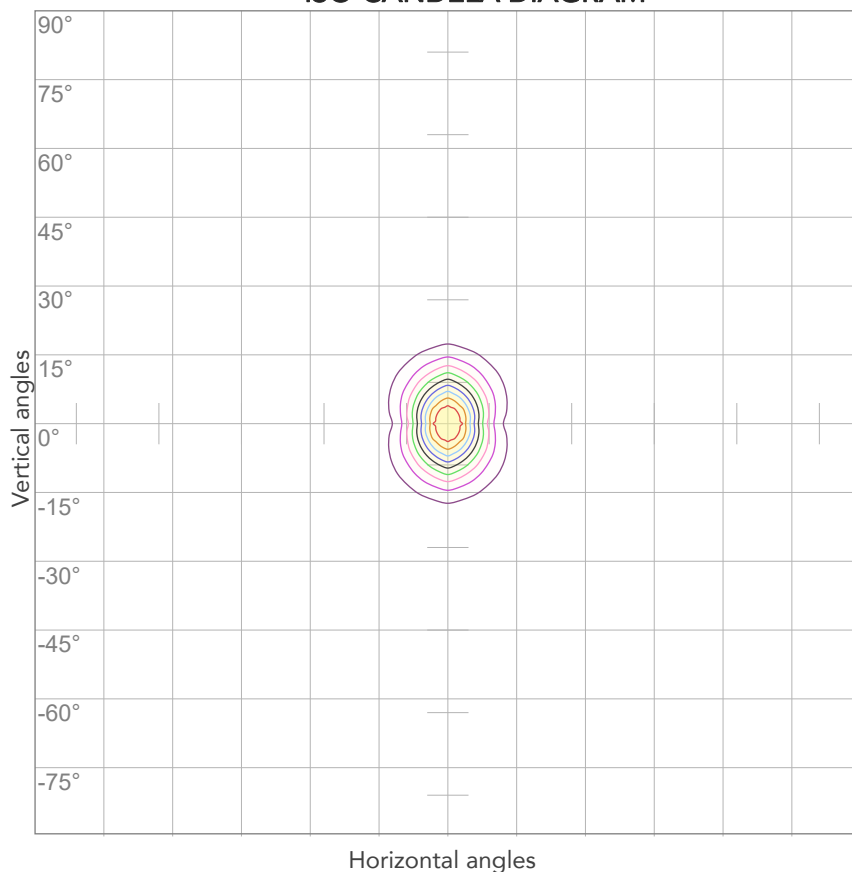


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,264A	56,8W	0,95	40lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



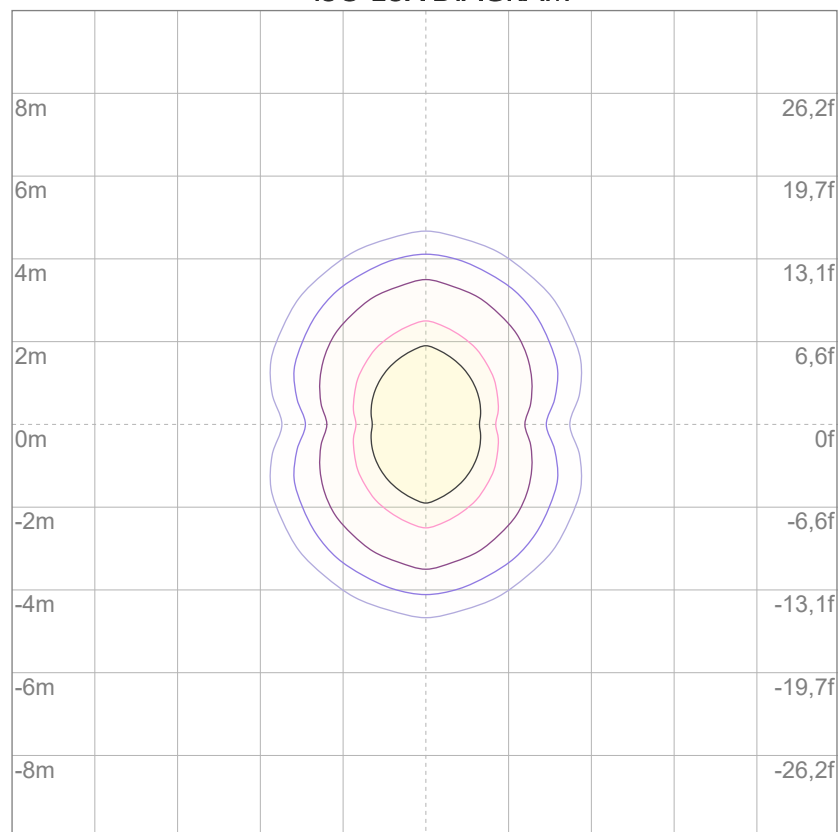
10%	1656 cd
20%	3312 cd
30%	4968 cd
40%	6624 cd
50%	8280 cd
60%	9936 cd
70%	11593 cd
80%	13249 cd

Conditions:

Number of c-planes: 4

Candela at center: 16561 cd

ISO LUX DIAGRAM



3%	4,97 lx
5%	8,28 lx
10%	16,6 lx
30%	49,7 lx
50%	82,8 lx

Conditions:

Number of c-planes: 4

Lux at center: 166 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2290 lm

Peak candela output:

8367 cd

Light quality:

CRI: 97,1

Color temperature:

2810 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x40° Filter

Target:

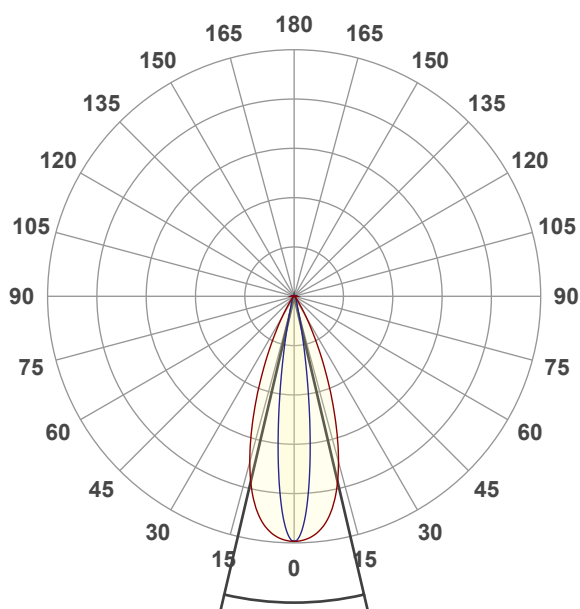
2800K

Operator:

Giuseppe della Peruta

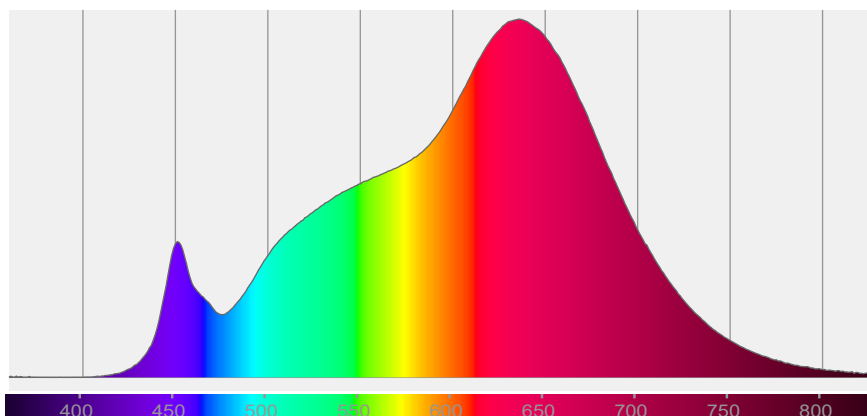
Date and time:

04/08/2025 18:01:43

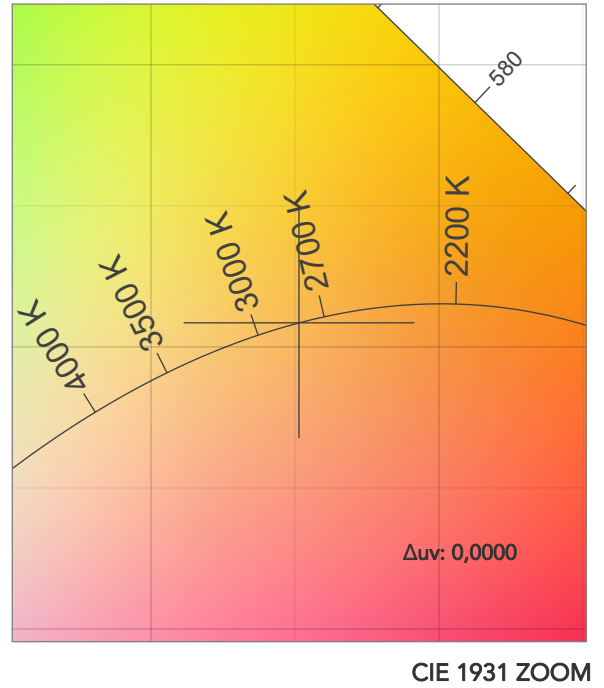
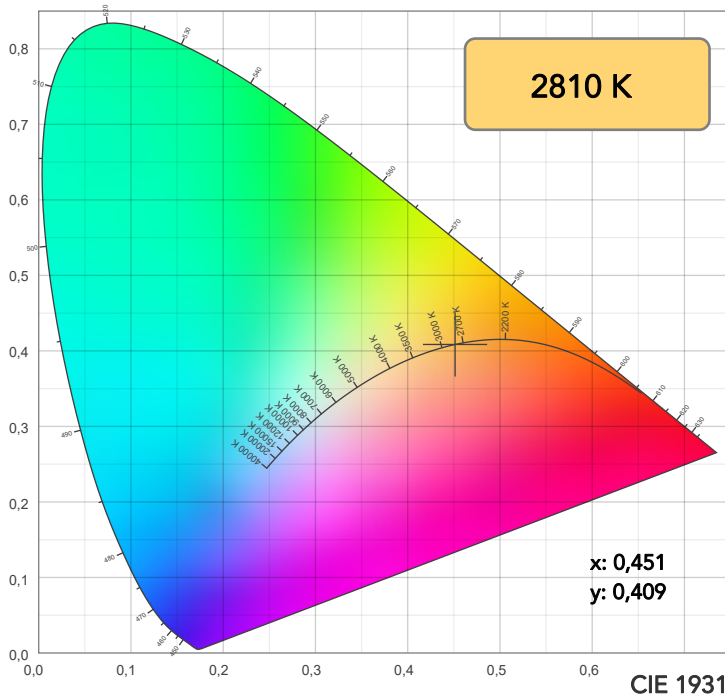


	Blue curve V	Red curve H
Beam angle 50%:	14,6°	38,2°
Field angle 10%:	27,3°	60,1°
Cut off angle 2.5%:	47,9°	75,5°

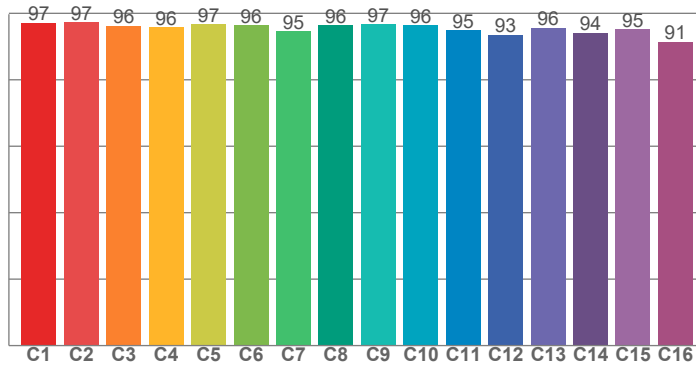
Spectra



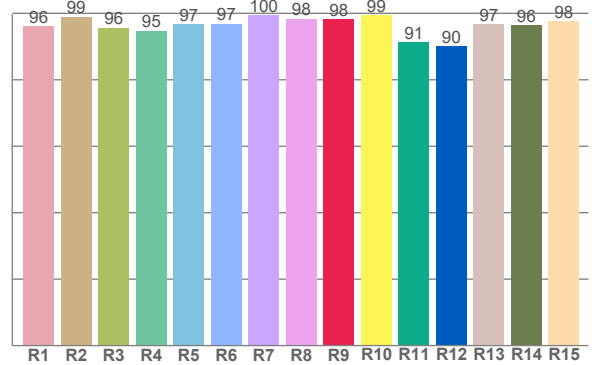
COLOR DETAILS



TM30: 95,7



CRI: 97,1 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,2	99,0	95,7	94,8	96,6	96,9	99,5	98,4	98,3	99,5	91,3	90,1	96,6	96,4	97,7

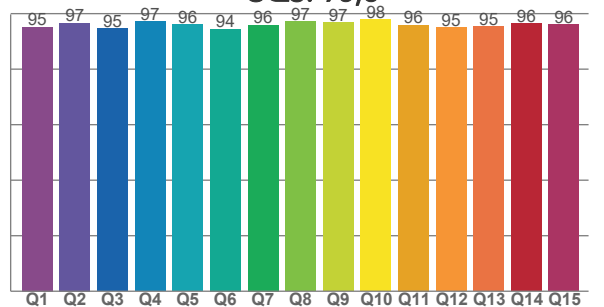
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,1	97,3	96,2	95,8	96,6	96,4	94,6	96,4	96,7	96,4	94,9	93,5	95,6	94,2	95,1	91,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,3	96,6	94,7	97,1	96,1	94,4	95,9	97,2	96,7	97,8	96,0	95,0	95,4	96,4	96,2

CQS: 95,8



COLOR PARAMETERS

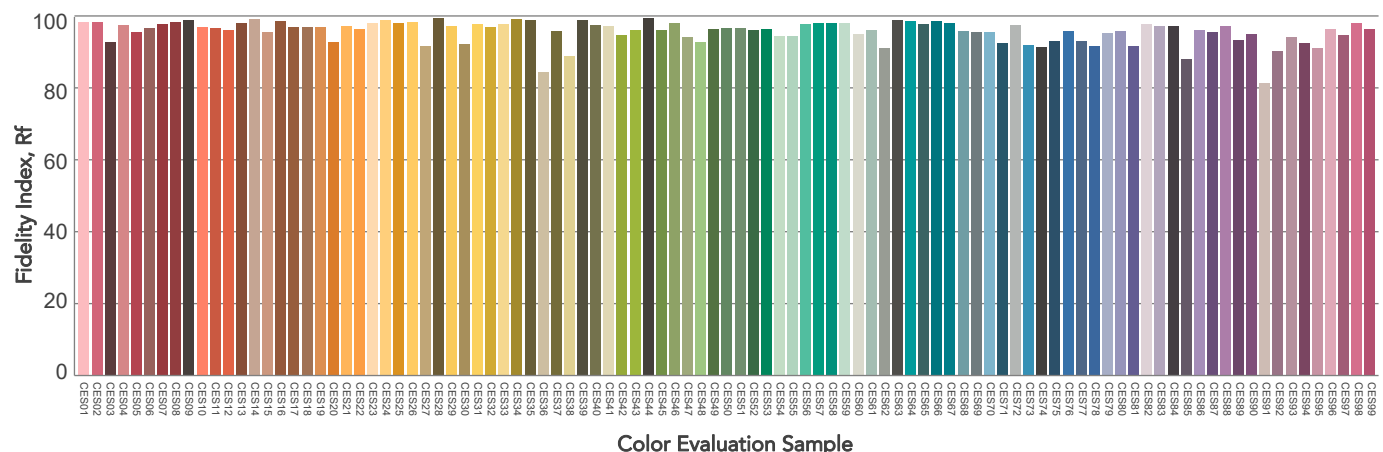
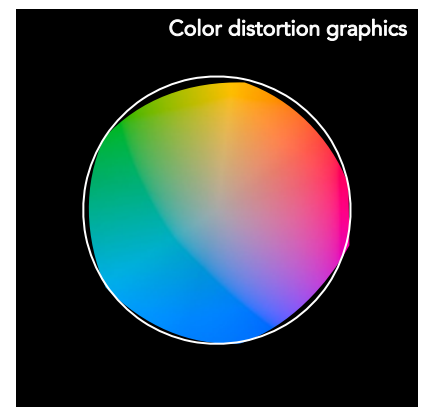
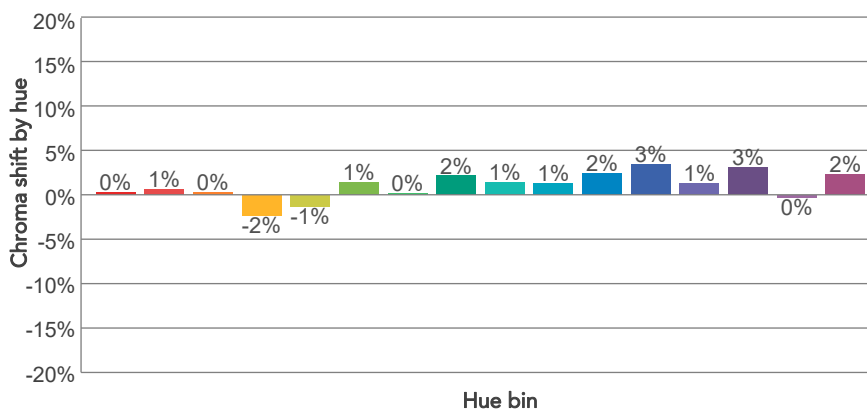
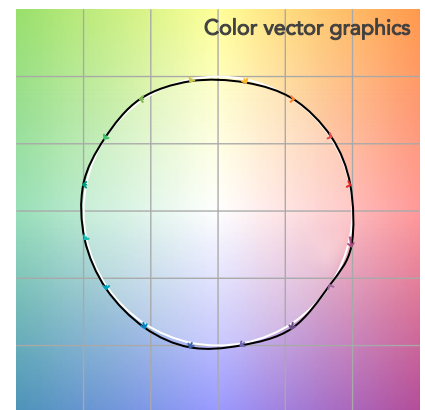
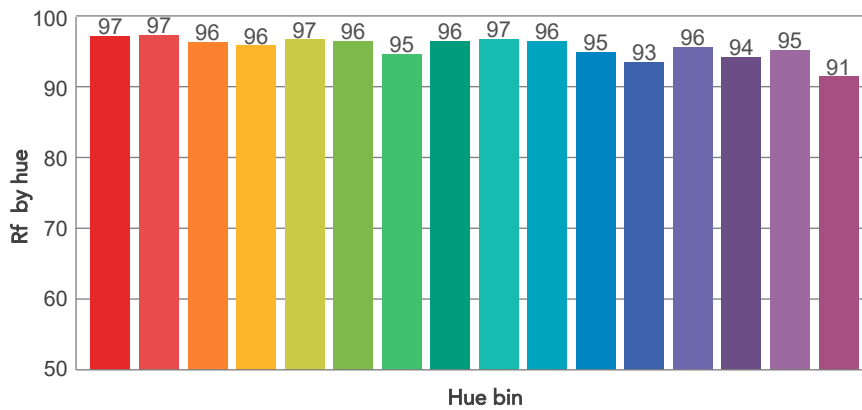
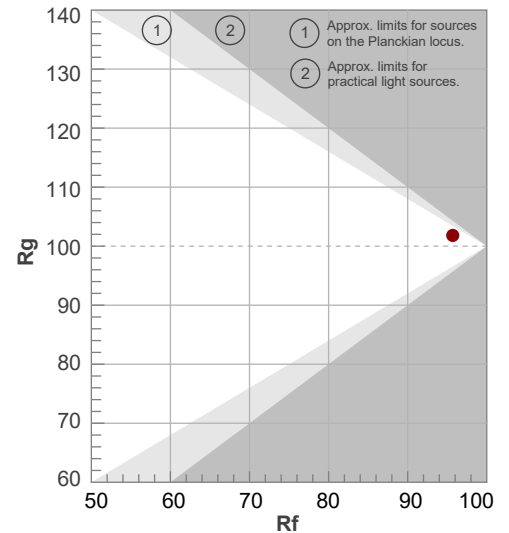
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2810 K	97,1	98,3	95,7	101,8	95,8	98	0,451	0,409	0,0000

TM30 DETAILS

Rf 95,7
Fidelity index Rf

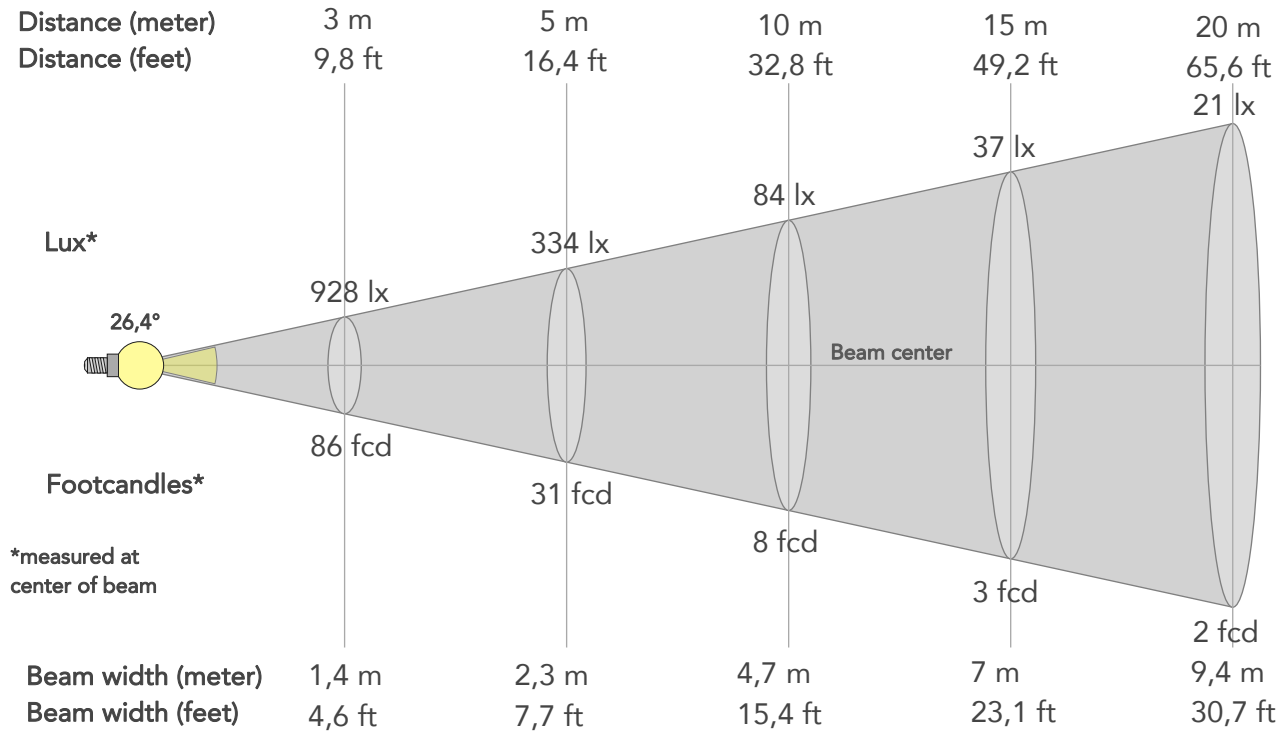
Rg 101,8
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	97	1%	-1%
3	96	0%	-1%
4	96	-2%	-2%
5	97	-1%	1%
6	96	1%	2%
7	95	0%	2%
8	96	2%	0%
9	97	1%	1%
10	96	1%	2%
11	95	2%	3%
12	93	3%	-1%
13	96	1%	-3%
14	94	3%	-3%
15	95	0%	0%
16	91	2%	-6%



BEAM DETAILS

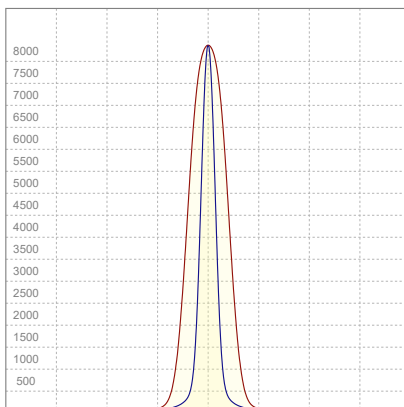
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26,4°	43,7°	61,7°	98,3%	95,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	8355lx	2089lx	928lx	522lx	334lx	149lx	84lx	37lx	21lx	13lx	9lx	5lx	3lx
Footcand.	776fcd	194fcd	86fcd	49fcd	31fcd	14fcd	8fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,5m	0,9m	1,4m	1,9m	2,3m	3,5m	4,7m	7m	9,4m	11,7m	14,1m	18,7m	23,4m
Beam wid.	1,5ft	3,1ft	4,6ft	6,1ft	7,7ft	11,5ft	15,4ft	23,1ft	30,7ft	38,4ft	46,1ft	61,5ft	76,8ft

LINEAR DISTRIBUTION DIAGRAM

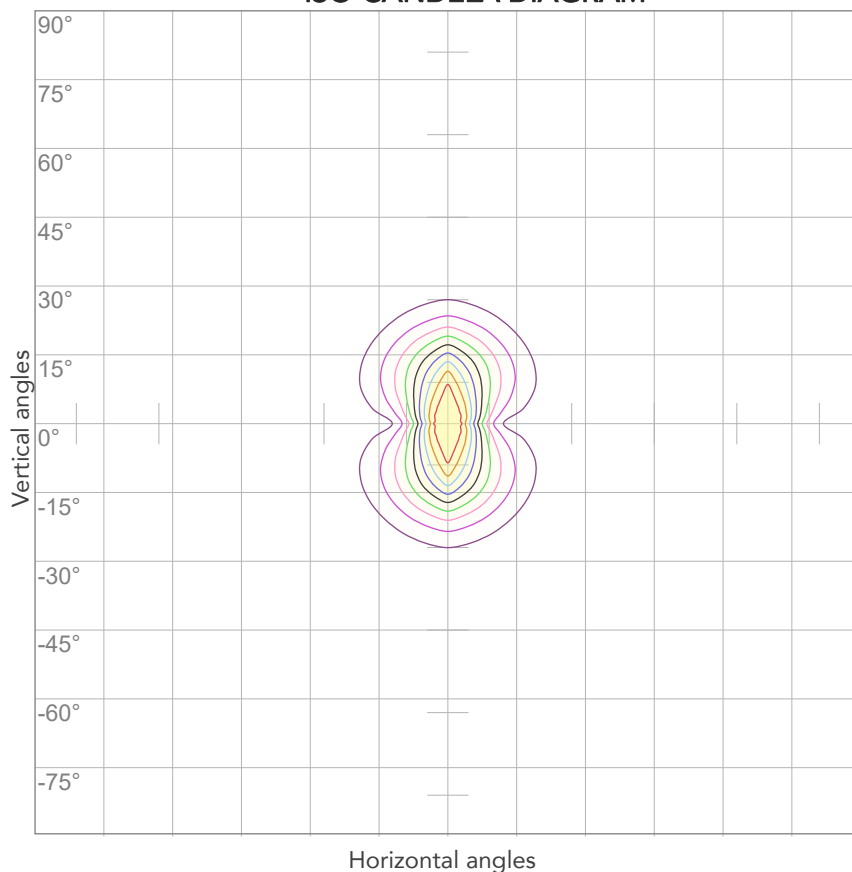


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,253A	54,2W	0,94	42lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



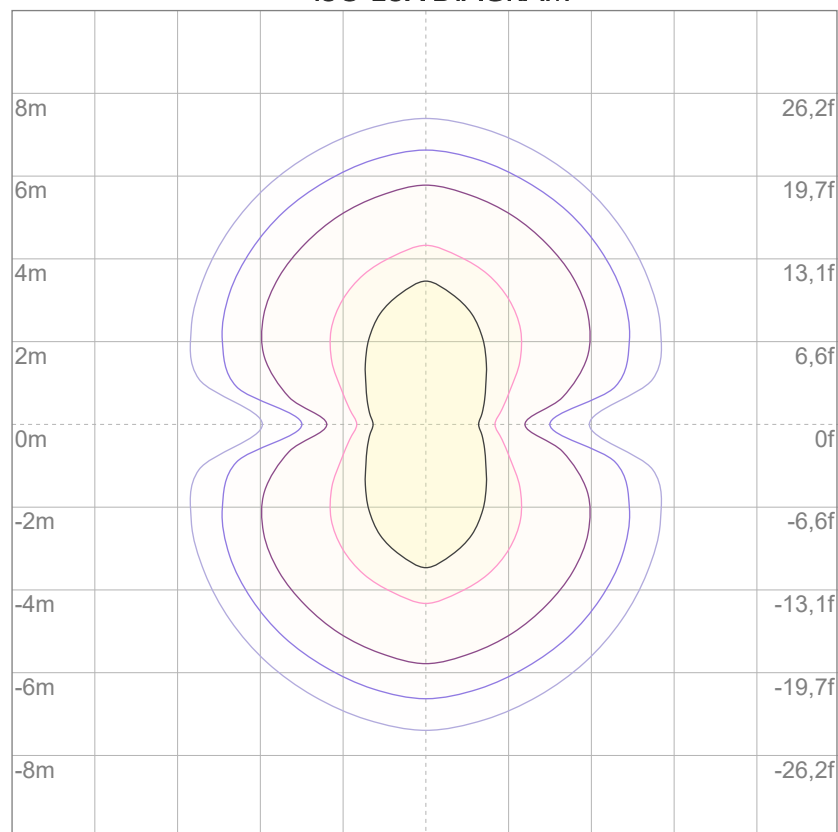
10%	836 cd
20%	1671 cd
30%	2507 cd
40%	3342 cd
50%	4178 cd
60%	5013 cd
70%	5849 cd
80%	6684 cd

Conditions:

Number of c-planes: 4

Candela at center: 8355 cd

ISO LUX DIAGRAM



3%	2,51 lx
5%	4,18 lx
10%	8,36 lx
30%	25,1 lx
50%	41,8 lx

Conditions:

Number of c-planes: 4

Lux at center: 83,6 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3178 lm

Peak candela output:

6353 cd

Light quality:

CRI: 97,1

Color temperature:

2810 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x60° Filter

Target:

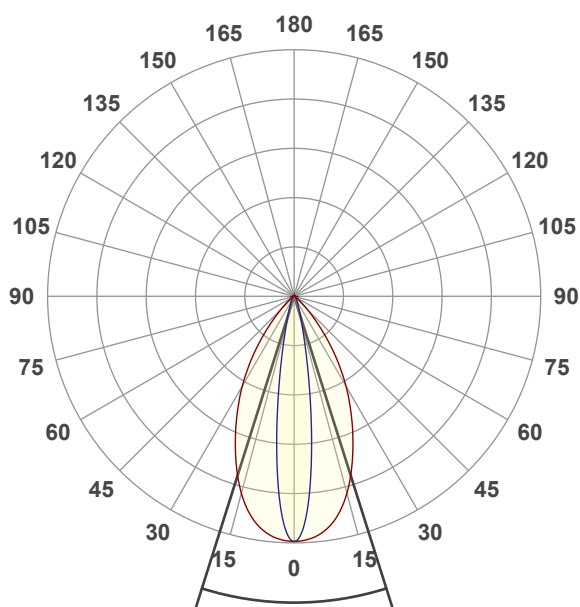
2800K

Operator:

Giuseppe della Peruta

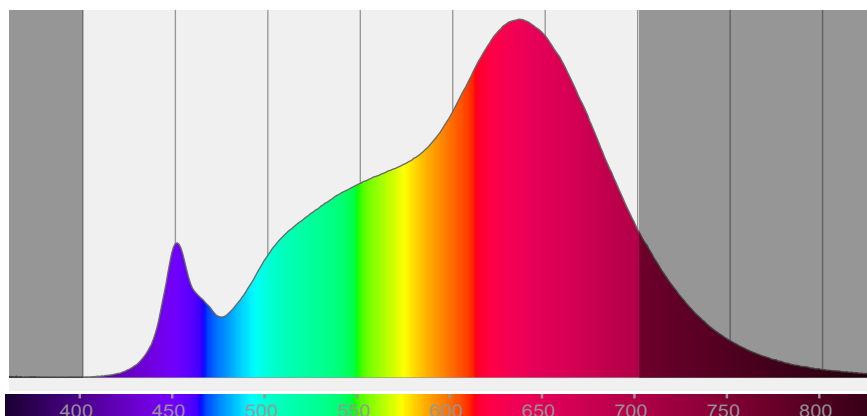
Date and time:

05/08/2025 09:37:18

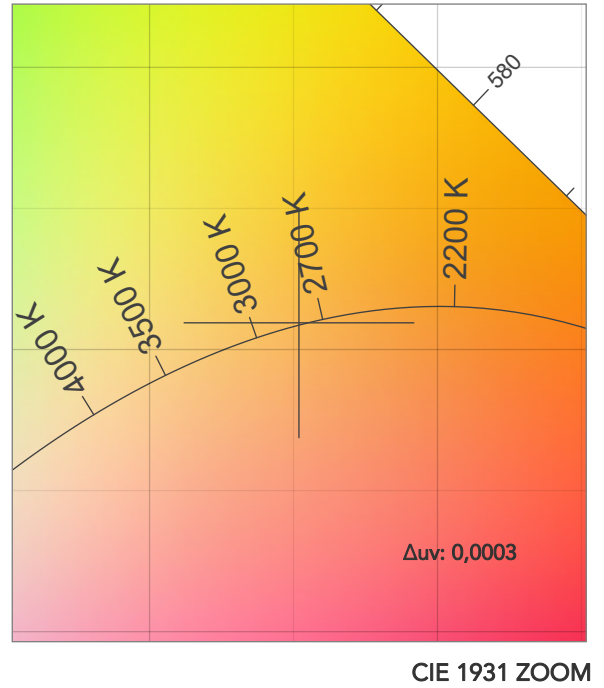
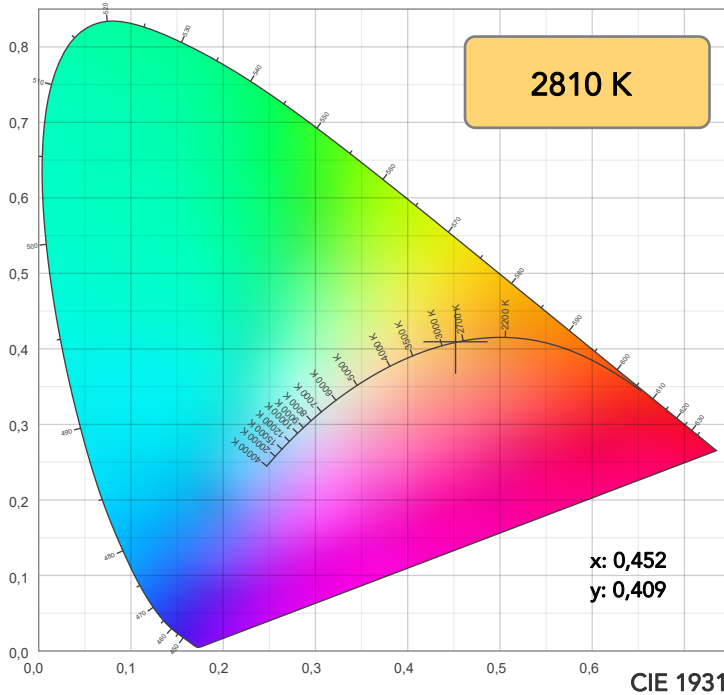


	Blue curve V	Red curve H
Beam angle 50%:	15,9°	54,2°
Field angle 10%:	33°	86,8°
Cut off angle 2.5%:	60°	104,9°

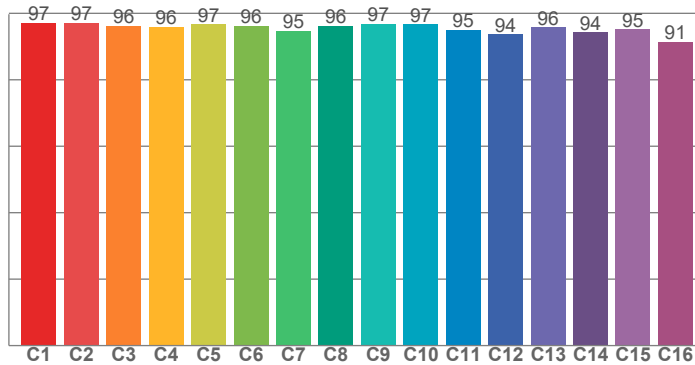
Spectra



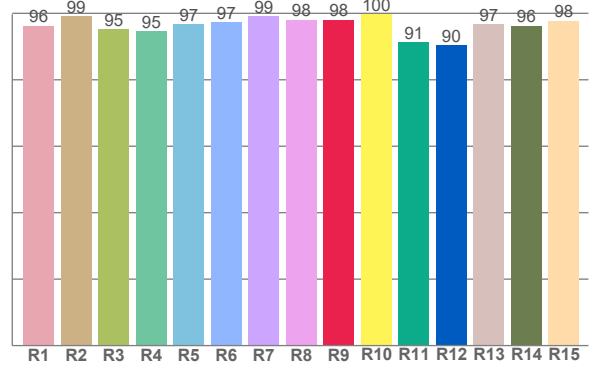
COLOR DETAILS



TM30: 95,8



CRI: 97,1 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,3	99,3	95,3	94,6	96,7	97,3	99,2	98,1	98,1	99,8	91,2	90,4	96,8	96,3	97,8

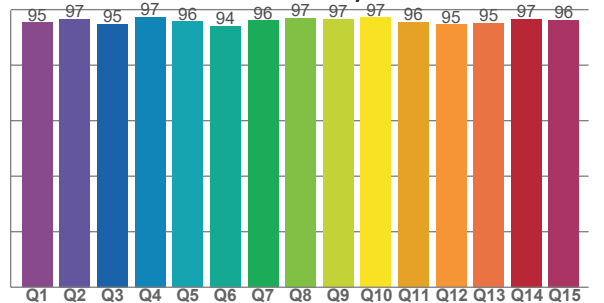
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,1	97,2	96,2	96,0	96,7	96,3	94,7	96,3	96,8	96,7	95,1	93,6	95,8	94,3	95,2	91,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,4	96,6	94,7	97,3	95,8	94,1	96,0	97,0	96,6	97,1	95,5	94,7	95,1	96,7	96,3

CQS: 95,7



COLOR PARAMETERS

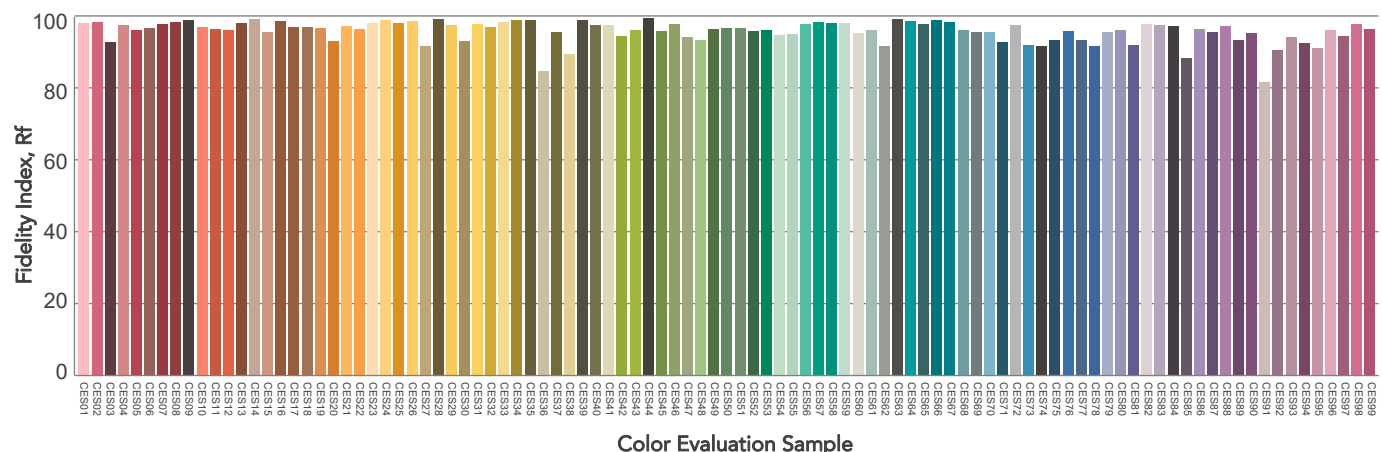
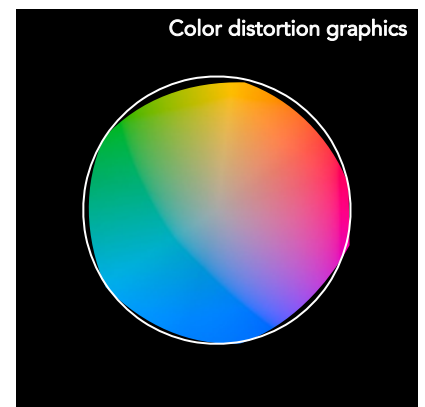
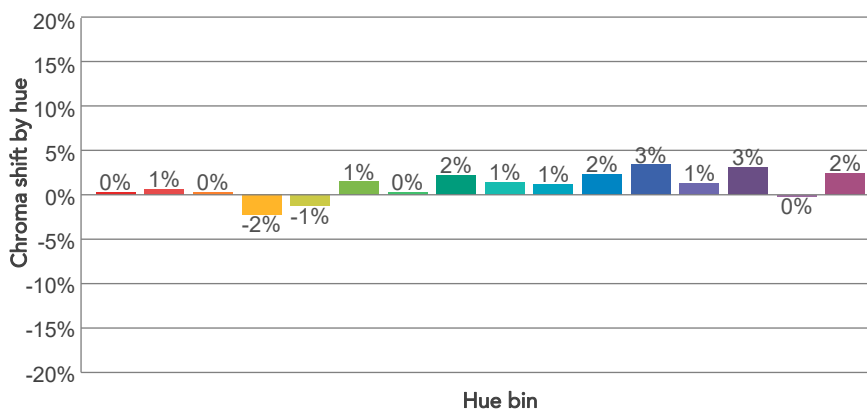
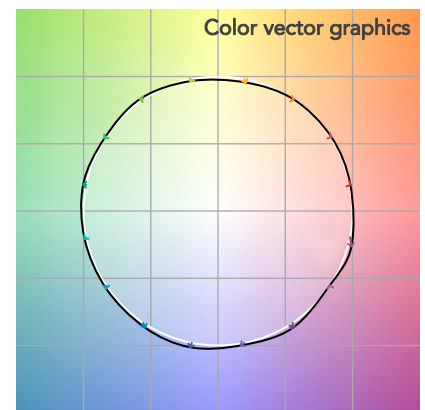
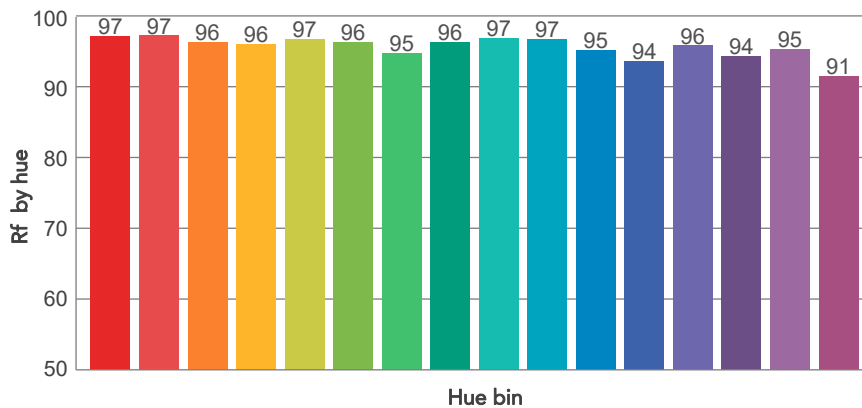
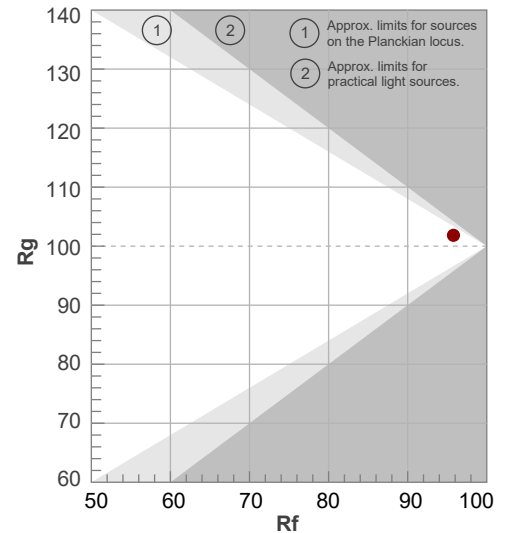
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2810 K	97,1	98,1	95,8	101,8	95,7	98	0,452	0,409	0,0003

TM30 DETAILS

Rf 95,8
Fidelity index Rf

Rg 101,8
Gammut index

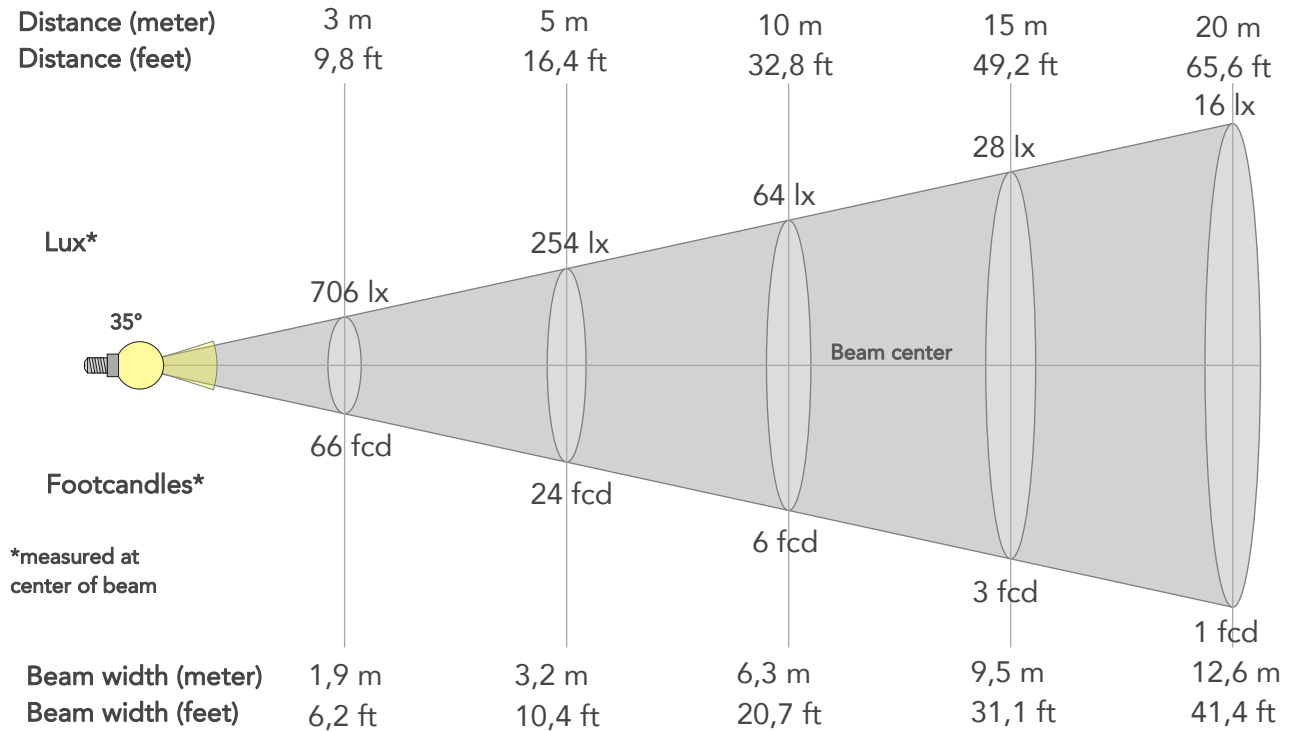
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	97	1%	-1%
3	96	0%	-1%
4	96	-2%	-2%
5	97	-1%	1%
6	96	1%	2%
7	95	0%	2%
8	96	2%	0%
9	97	1%	1%
10	97	1%	2%
11	95	2%	3%
12	94	3%	-1%
13	96	1%	-3%
14	94	3%	-3%
15	95	0%	0%
16	91	2%	-6%



BEAM DETAILS



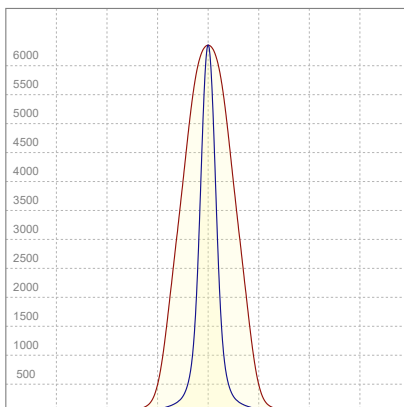
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35°	59,9°	82,5°	97,8%	92,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	6353lx	1588lx	706lx	397lx	254lx	113lx	64lx	28lx	16lx	10lx	7lx	4lx	3lx
Footcand.	590fcd	148fcd	66fcd	37fcd	24fcd	10fcd	6fcd	3fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,7m	6,3m	9,5m	12,6m	15,8m	18,9m	25,3m	31,6m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,4ft	15,5ft	20,7ft	31,1ft	41,4ft	51,8ft	62,1ft	82,8ft	103,5ft

LINEAR DISTRIBUTION DIAGRAM

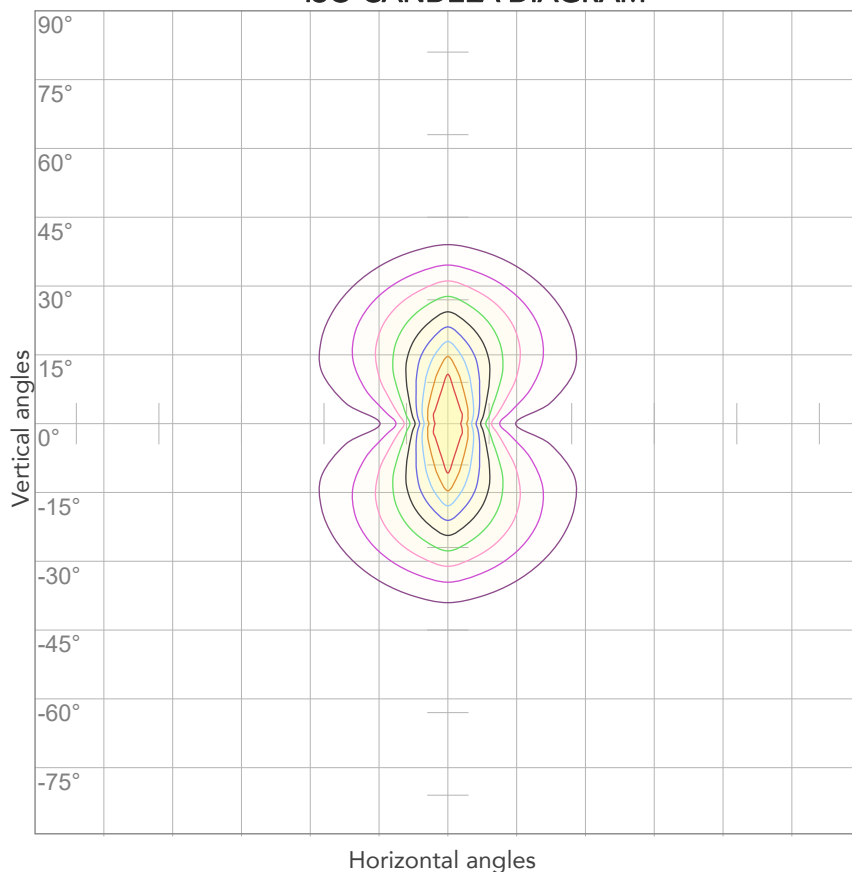


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,262A	56,6W	0,94	56lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



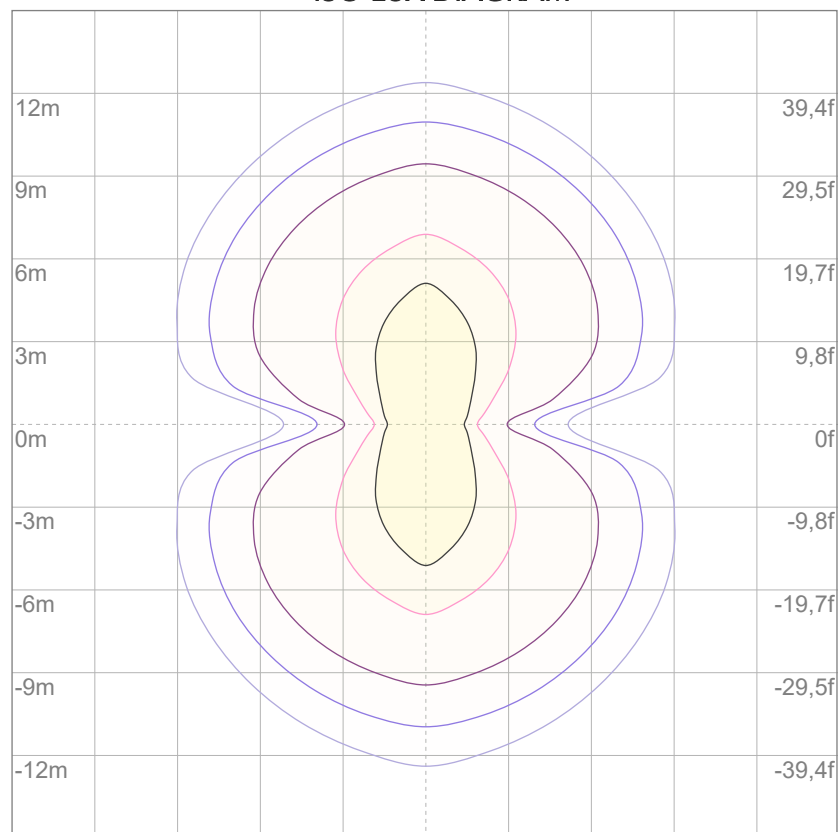
10%	635 cd
20%	1271 cd
30%	1906 cd
40%	2541 cd
50%	3176 cd
60%	3812 cd
70%	4447 cd
80%	5082 cd

Conditions:

Number of c-planes: 4

Candela at center: 6353 cd

ISO LUX DIAGRAM



3%	1,91 lx
5%	3,18 lx
10%	6,35 lx
30%	19,1 lx
50%	31,8 lx

Conditions:

Number of c-planes: 4

Lux at center: 63,5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

1919 lm

Peak candela output:

2672 cd

Light quality:

CRI: 97,1

Color temperature:

2807 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
30°x60° Filter

Target:

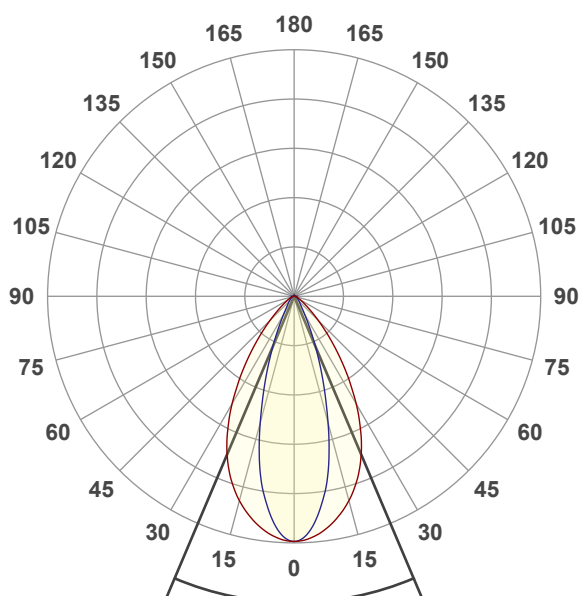
2800K

Operator:

Giuseppe della Peruta

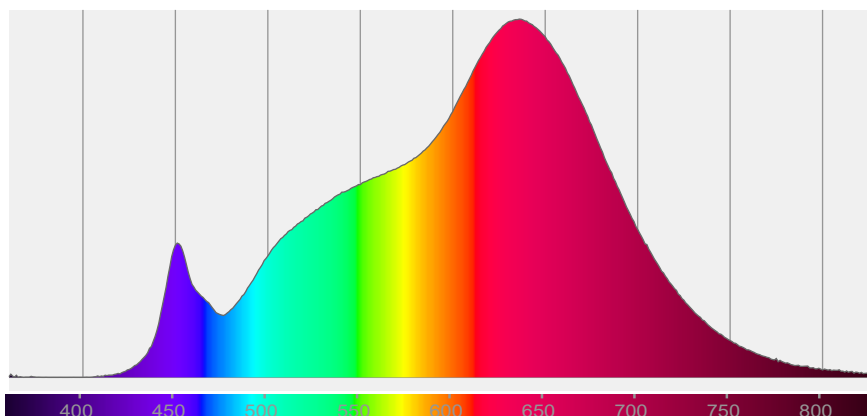
Date and time:

05/08/2025 15:35:18

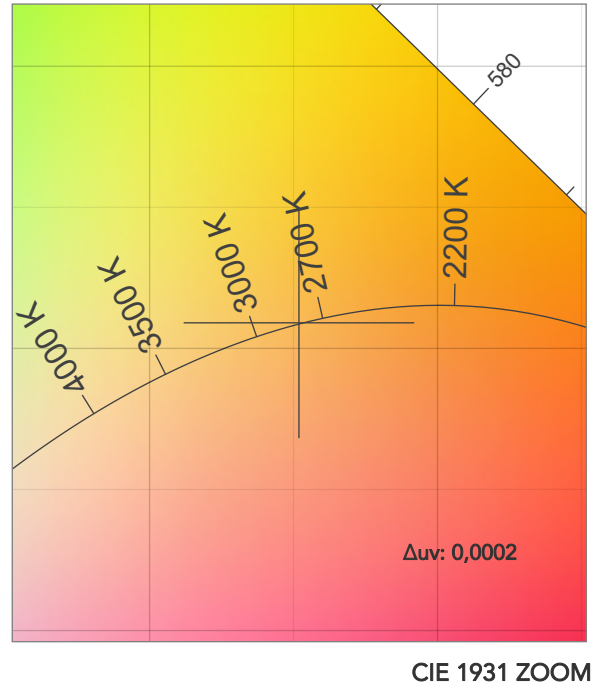
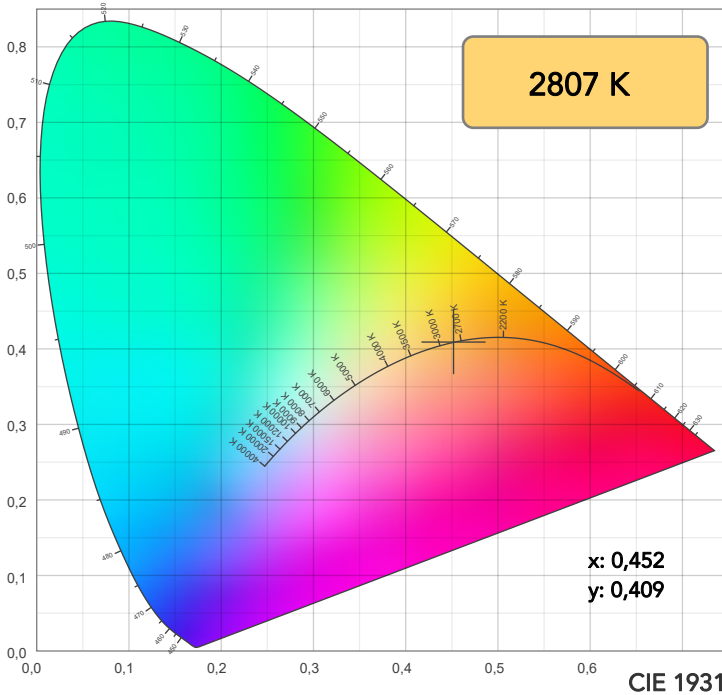


	Blue curve V	Red curve H
Beam angle 50%:	31,4°	60,4°
Field angle 10%:	58°	95,9°
Cut off angle 2.5%:	94,1°	124,6°

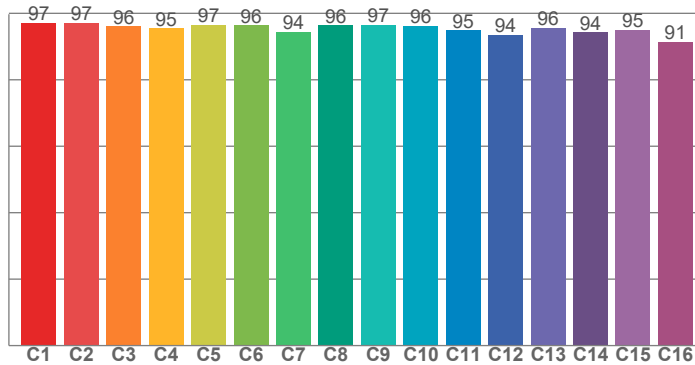
Spectra



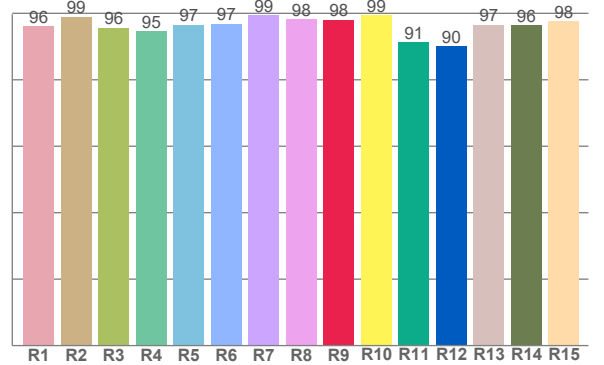
COLOR DETAILS



TM30: 95,6



CRI: 97,1 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,1	99,0	95,7	94,7	96,6	96,9	99,5	98,2	98,1	99,5	91,3	90,0	96,6	96,4	97,7

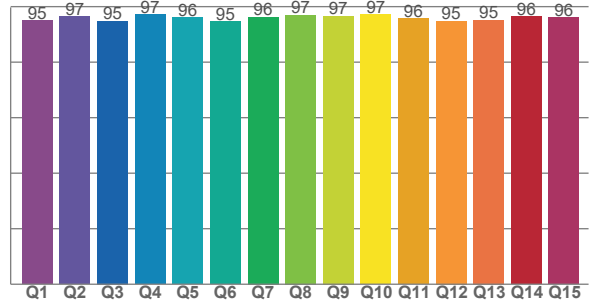
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97,1	97,2	96,1	95,5	96,6	96,4	94,4	96,3	96,6	96,3	94,9	93,5	95,6	94,3	95,0	91,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,0	96,5	94,8	97,1	96,1	94,6	96,2	97,0	96,7	97,3	95,6	94,8	95,2	96,5	96,0

CQS: 95,8



COLOR PARAMETERS

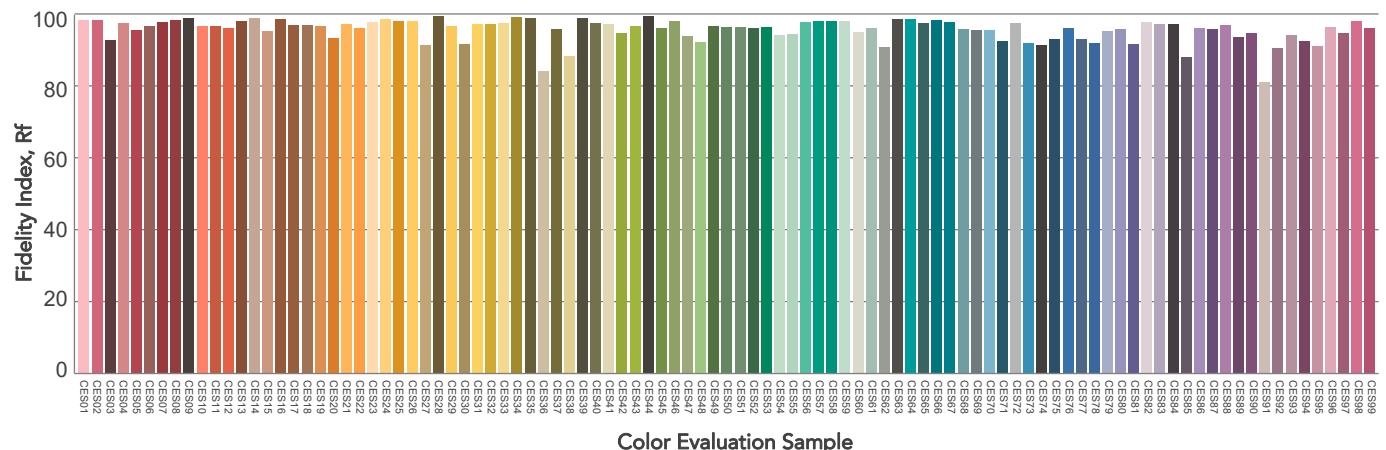
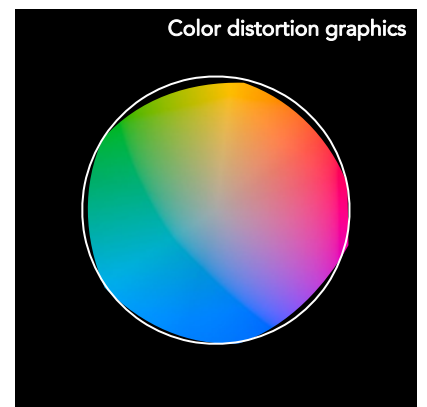
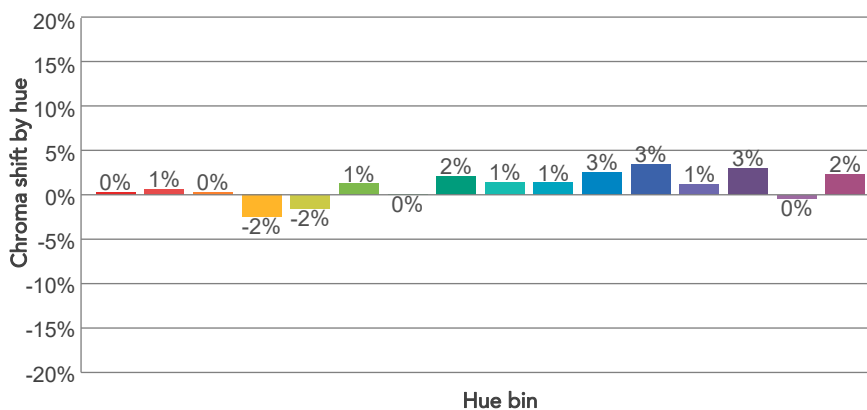
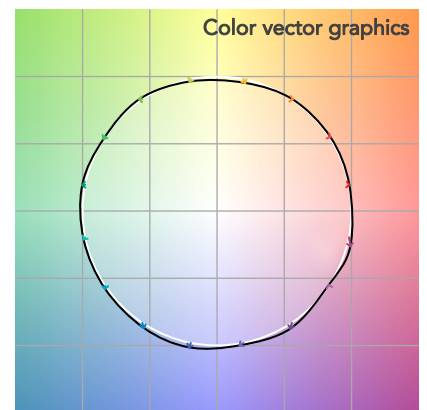
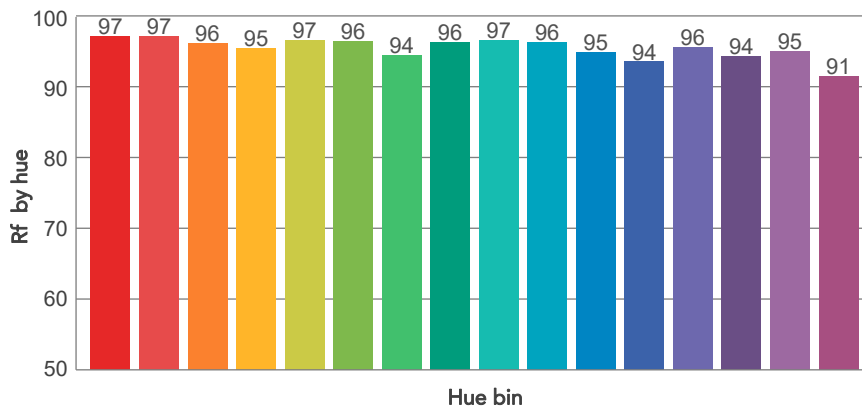
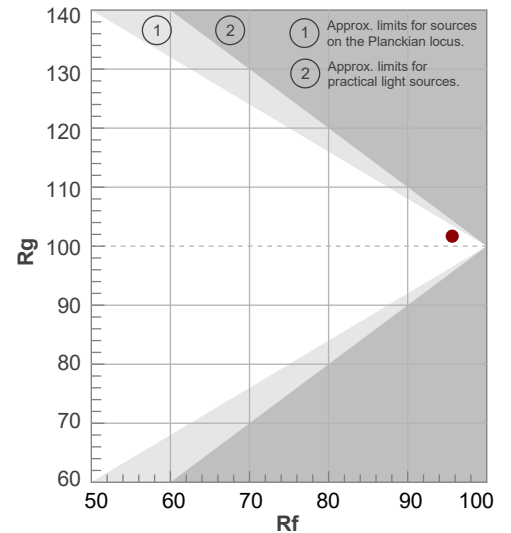
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2807 K	97,1	98,1	95,6	101,7	95,8	98	0,452	0,409	0,0002

TM30 DETAILS

Rf 95,6
Fidelity index Rf

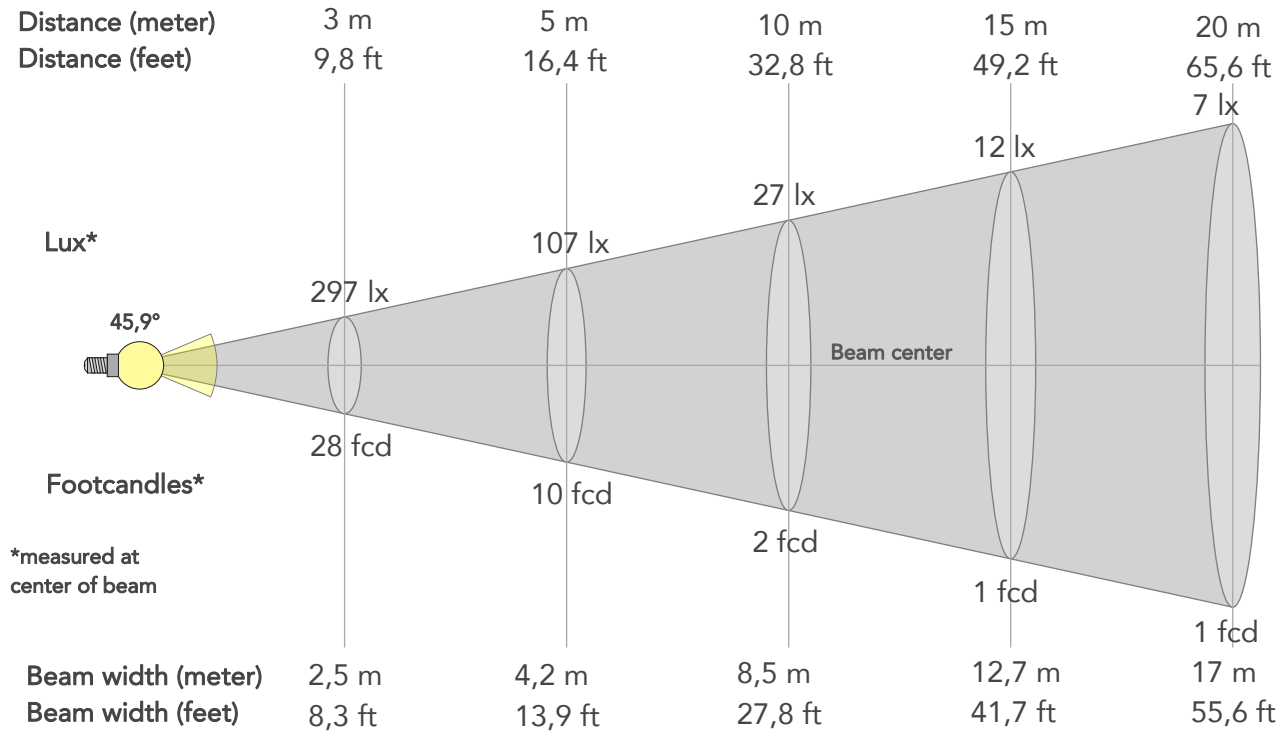
Rg 101,7
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	97	1%	-1%
3	96	0%	-1%
4	95	-2%	-2%
5	97	-2%	1%
6	96	1%	2%
7	94	0%	2%
8	96	2%	1%
9	97	1%	1%
10	96	1%	2%
11	95	3%	3%
12	94	3%	-1%
13	96	1%	-3%
14	94	3%	-3%
15	95	0%	0%
16	91	2%	-6%



BEAM DETAILS

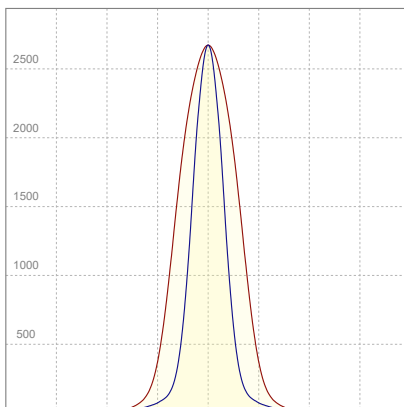
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,9°	77°	109,3°	96,7%	88,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	2671lx	668lx	297lx	167lx	107lx	47lx	27lx	12lx	7lx	4lx	3lx	2lx	1lx
Footcand.	248fcd	62fcd	28fcd	16fcd	10fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,4m	4,2m	6,4m	8,5m	12,7m	17m	21,2m	25,4m	33,9m	42,4m
Beam wid.	2,8ft	5,6ft	8,3ft	11,1ft	13,9ft	20,9ft	27,8ft	41,7ft	55,6ft	69,5ft	83,4ft	111,2ft	139ft

LINEAR DISTRIBUTION DIAGRAM

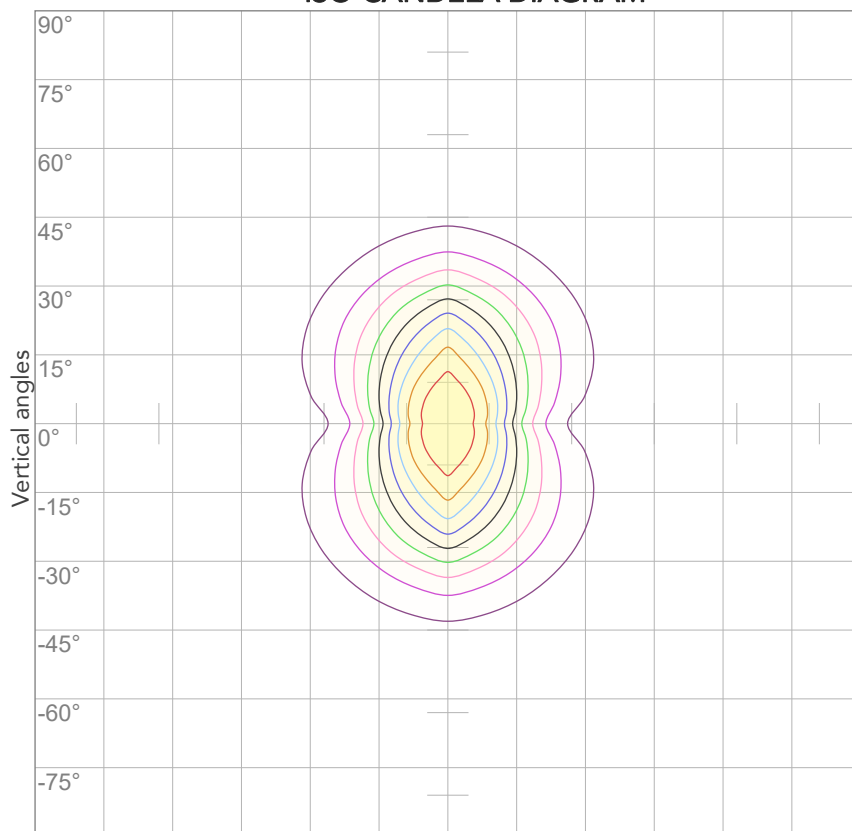


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,226A	48,0W	0,93	40lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



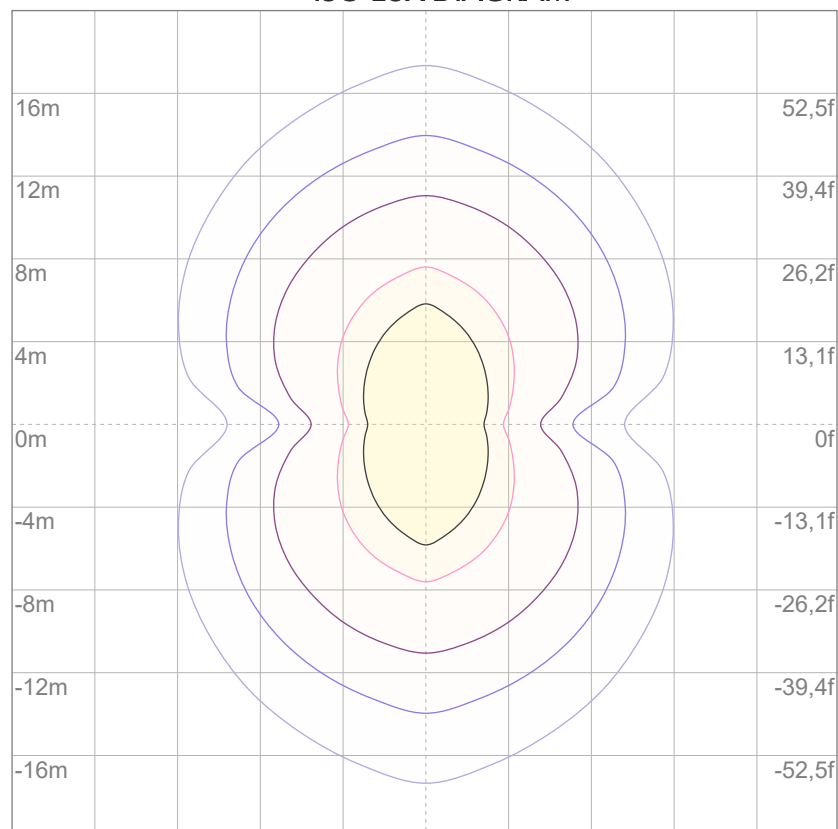
10%	267 cd
20%	534 cd
30%	801 cd
40%	1068 cd
50%	1336 cd
60%	1603 cd
70%	1870 cd
80%	2137 cd

Conditions:

Number of c-planes: 4

Candela at center: 2671 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,801 lx
5%	1,34 lx
10%	2,67 lx
30%	8,01 lx
50%	13,4 lx

Conditions:

Number of c-planes: 4

Lux at center: 26,7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2856 lm

Peak candela output:

39484 cd

Light quality:

CRI: 96,2

Color temperature:

3209 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Narrow Lens

Target:

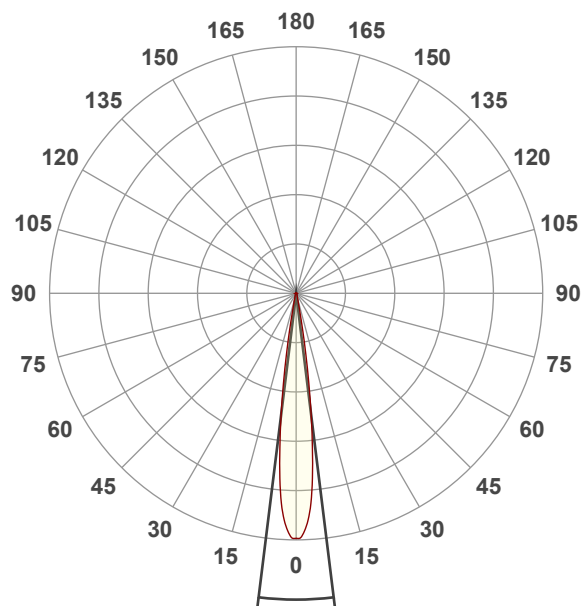
3200K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 13:22:13

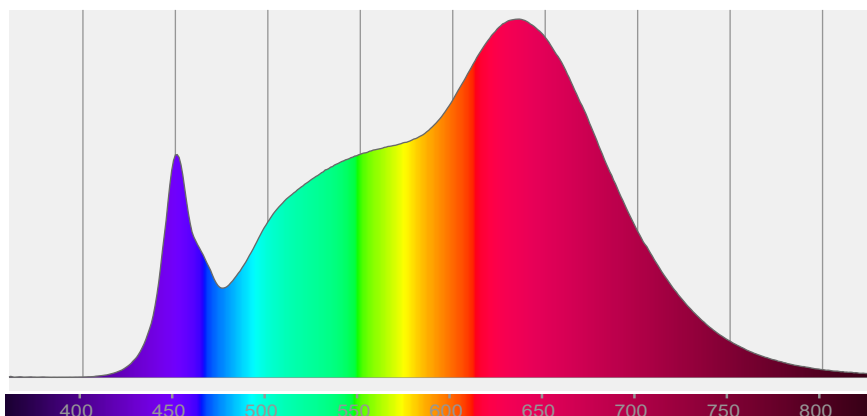


Beam angle 50%: 14,1°

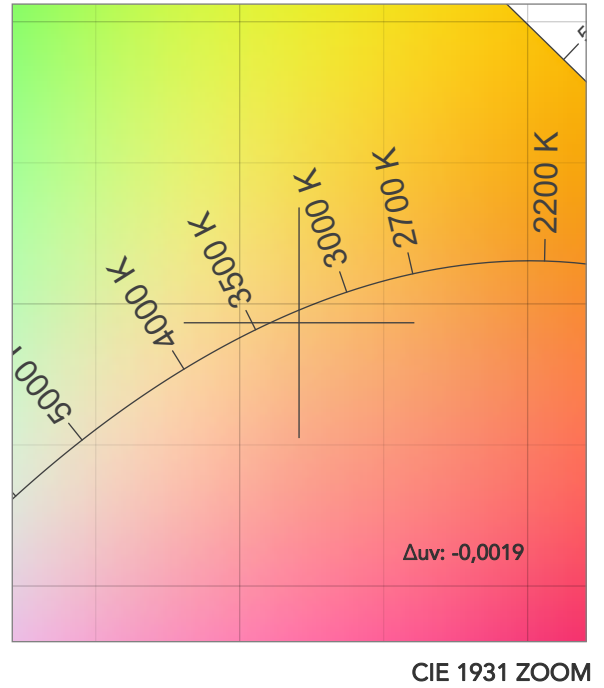
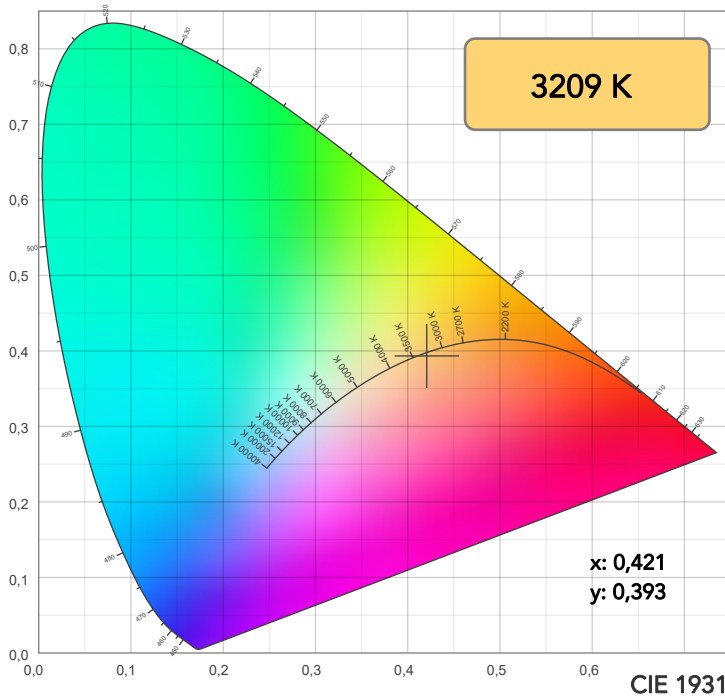
Field angle 10%: 21,8°

Cut off angle 2.5%: 30,6°

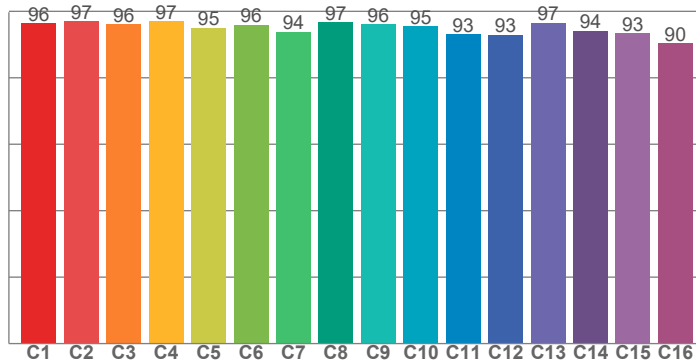
Spectra



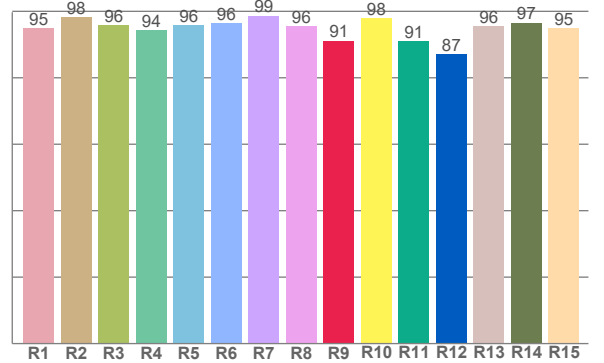
COLOR DETAILS



TM30: 95,2



CRI: 96,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,0	98,3	95,7	94,3	95,8	96,4	98,7	95,6	91,2	98,0	91,1	87,0	95,6	96,6	95,0

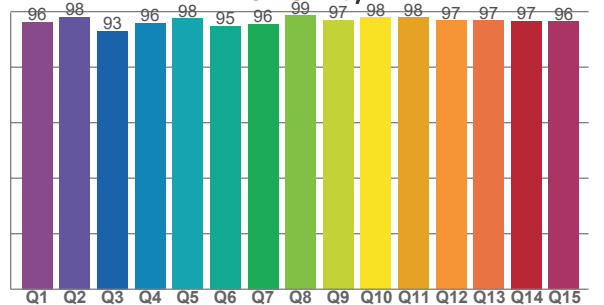
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,4	97,0	96,1	97,0	95,0	96,0	93,8	96,7	96,1	95,4	93,1	93,0	96,6	94,2	93,4	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,3	98,1	93,0	95,9	97,6	94,8	95,5	98,6	96,9	97,9	97,9	96,7	96,8	96,6	96,4

CQS: 96,2



COLOR PARAMETERS

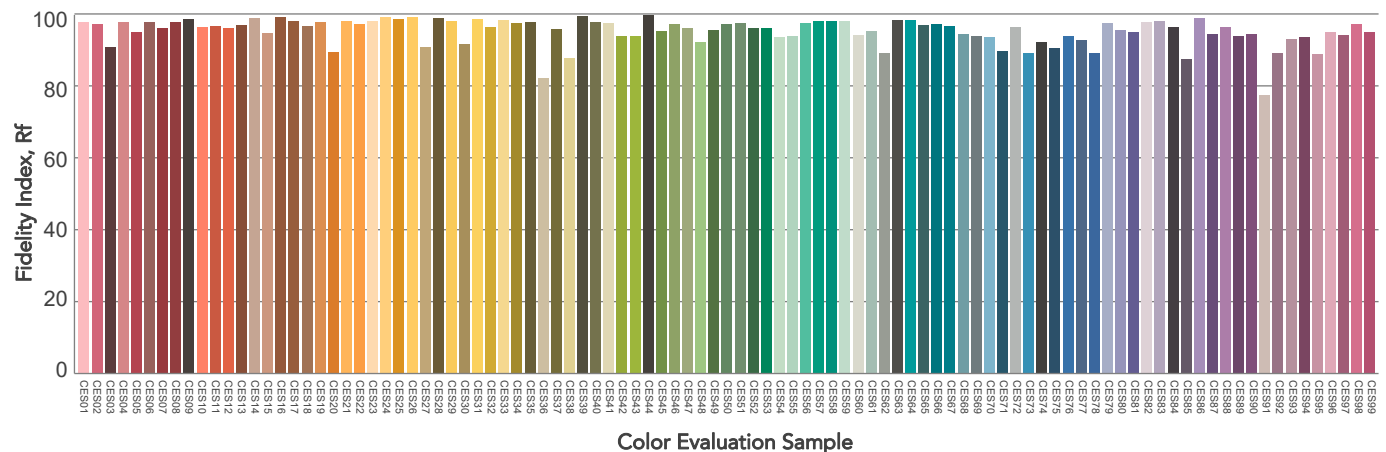
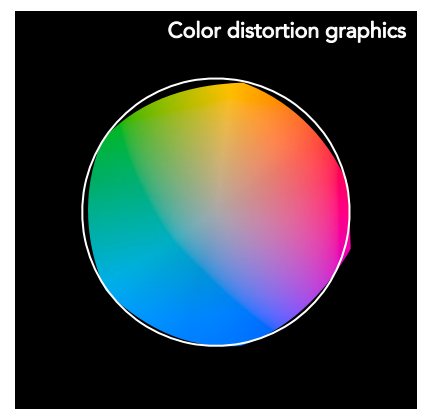
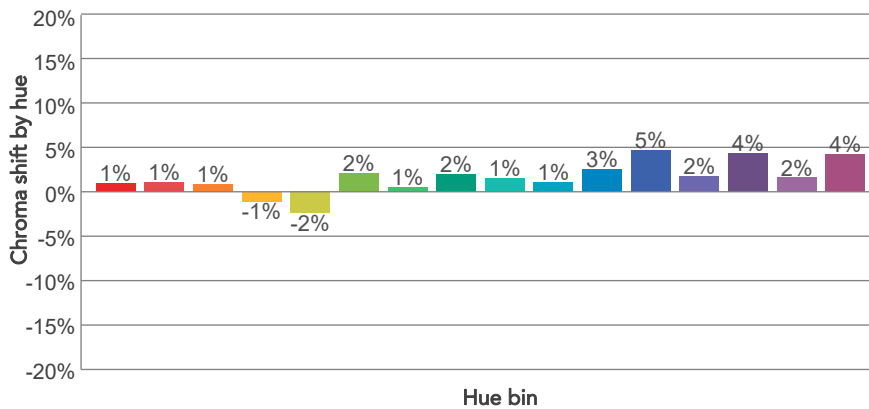
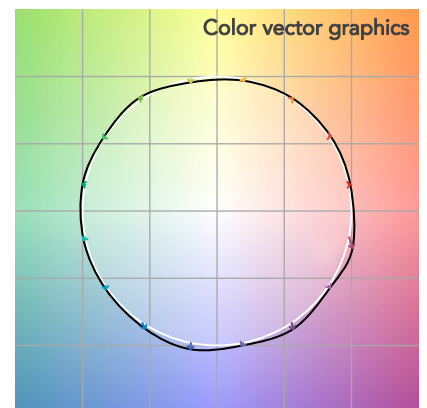
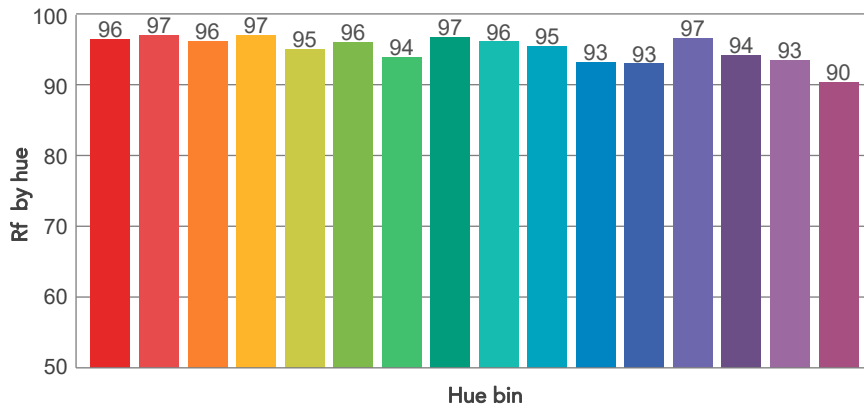
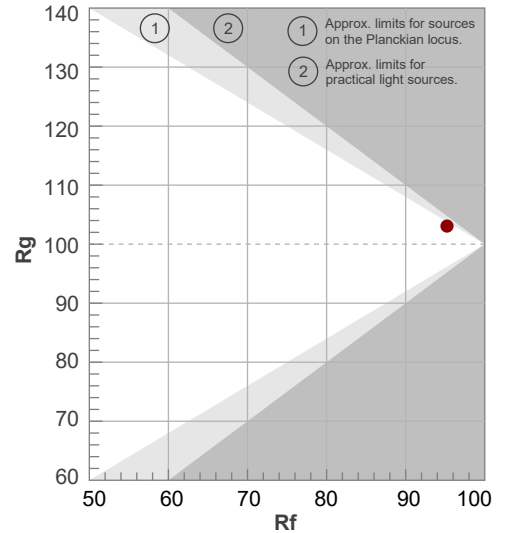
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3209 K	96,2	91,2	95,2	103,1	96,2	98	0,421	0,393	-0,0019

TM30 DETAILS

Rf 95,2
Fidelity index Rf

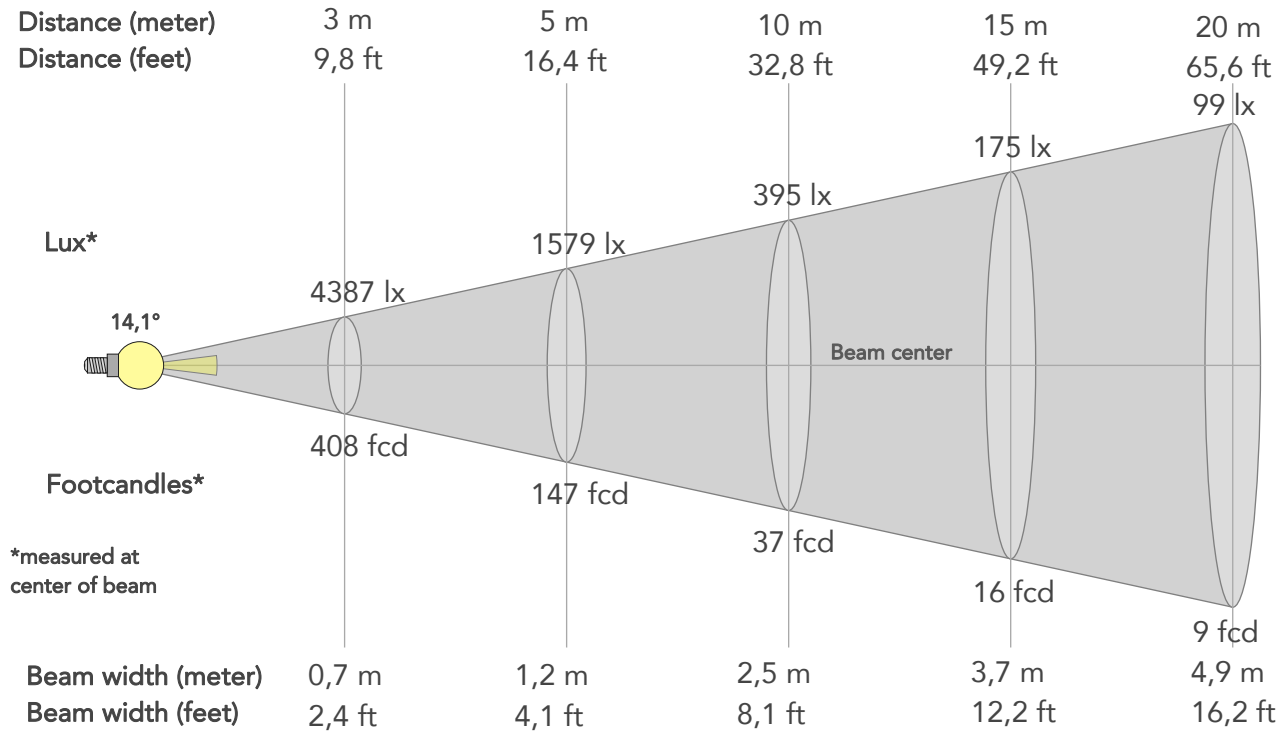
Rg 103,1
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	96	1%	0%
4	97	-1%	-1%
5	95	-2%	1%
6	96	2%	2%
7	94	1%	2%
8	97	2%	0%
9	96	1%	2%
10	95	1%	3%
11	93	3%	4%
12	93	5%	1%
13	97	2%	-2%
14	94	4%	-2%
15	93	2%	-1%
16	90	4%	-7%



BEAM DETAILS

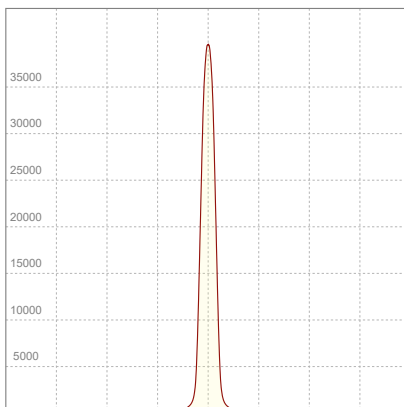
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,1°	21,8°	30,6°	97,6%	94,5%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	39484lx	9871lx	4387lx	2468lx	1579lx	702lx	395lx	175lx	99lx	63lx	44lx	25lx	16lx
Footcand.	3668fcd	917fcd	408fcd	229fcd	147fcd	65fcd	37fcd	16fcd	9fcd	6fcd	4fcd	2fcd	1fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,9m	2,5m	3,7m	4,9m	6,2m	7,4m	9,9m	12,3m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4,1ft	6,1ft	8,1ft	12,2ft	16,2ft	20,3ft	24,3ft	32,4ft	40,5ft

LINEAR DISTRIBUTION DIAGRAM

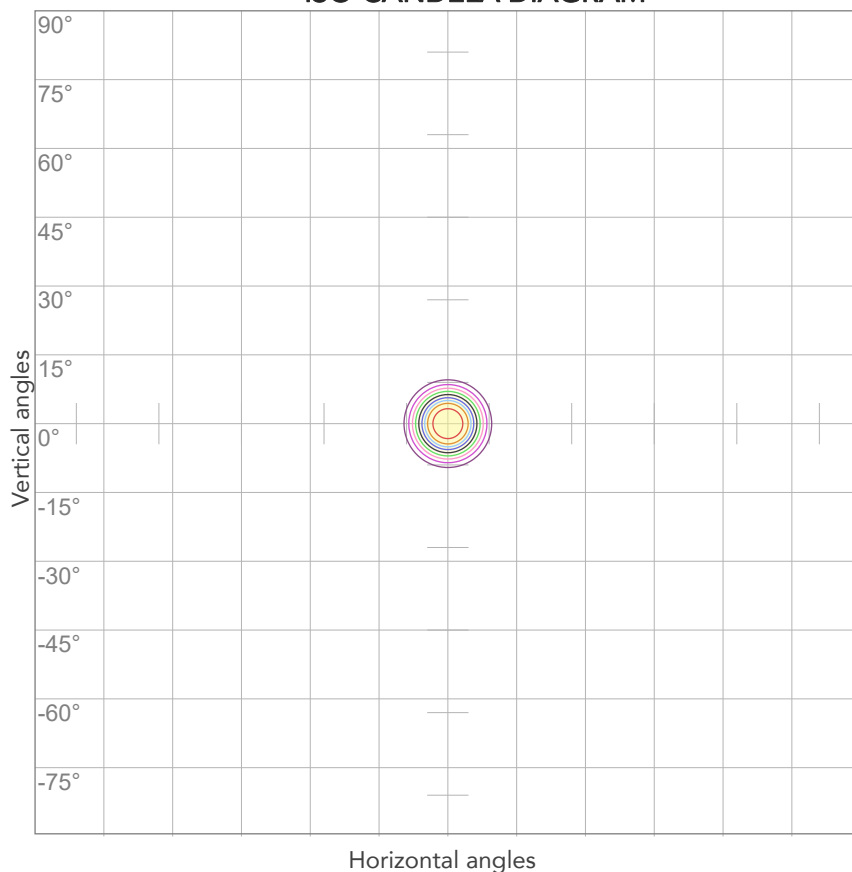


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,277A	59,8W	0,95	48lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



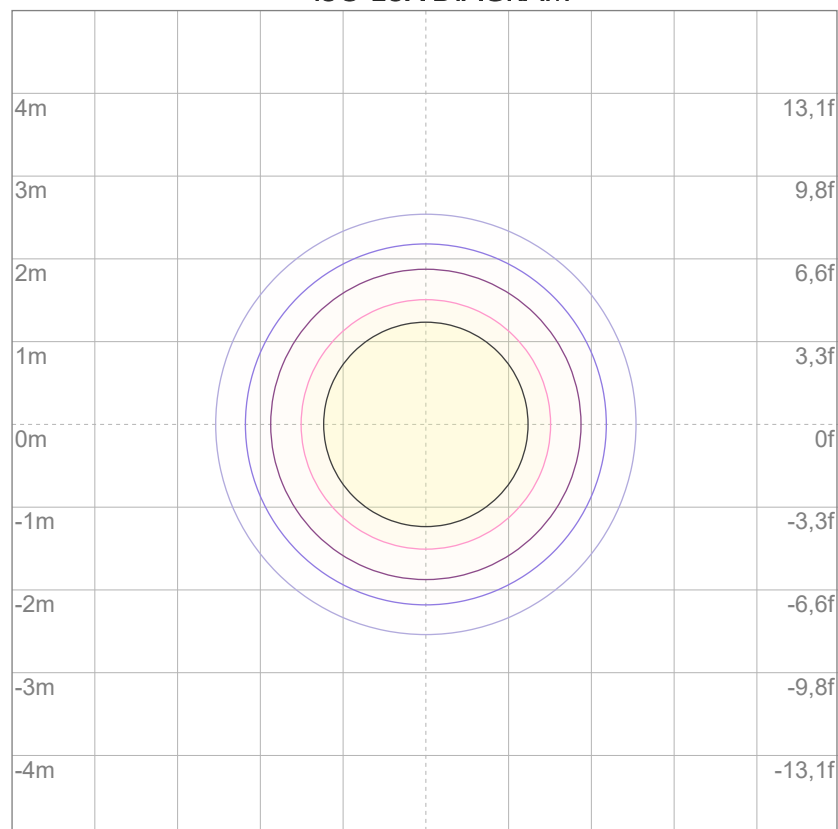
10%	3948 cd
20%	7897 cd
30%	11845 cd
40%	15793 cd
50%	19742 cd
60%	23690 cd
70%	27639 cd
80%	31587 cd

Conditions:

Number of c-planes: 2

Candela at center: 39484 cd

ISO LUX DIAGRAM



3%	11,8 lx
5%	19,7 lx
10%	39,5 lx
30%	118 lx
50%	197 lx

Conditions:

Number of c-planes: 2

Lux at center: 395 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2739 lm

Peak candela output:

10049 cd

Light quality:

CRI: 96,2

Color temperature:

3208 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Medium Lens

Target:

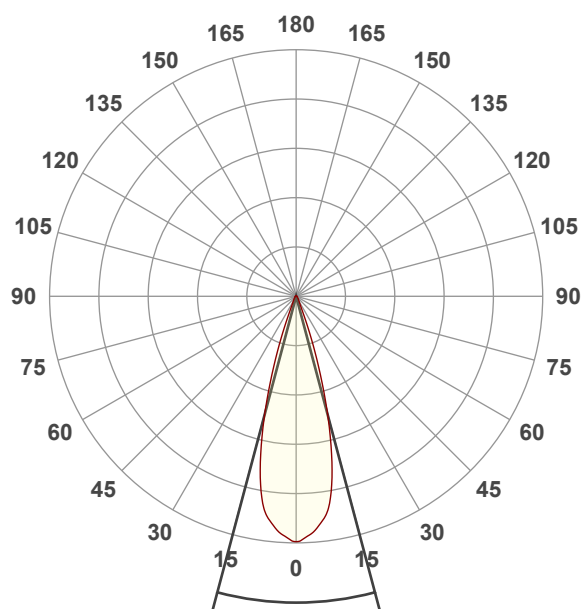
3200K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 16:32:19

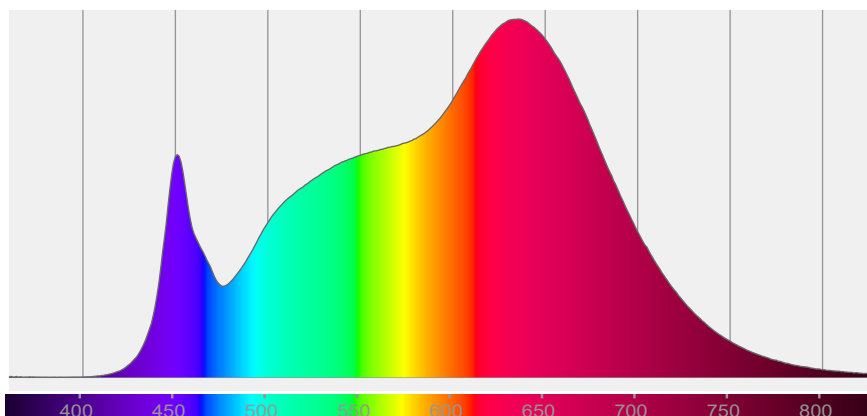


Beam angle 50%: 29,8°

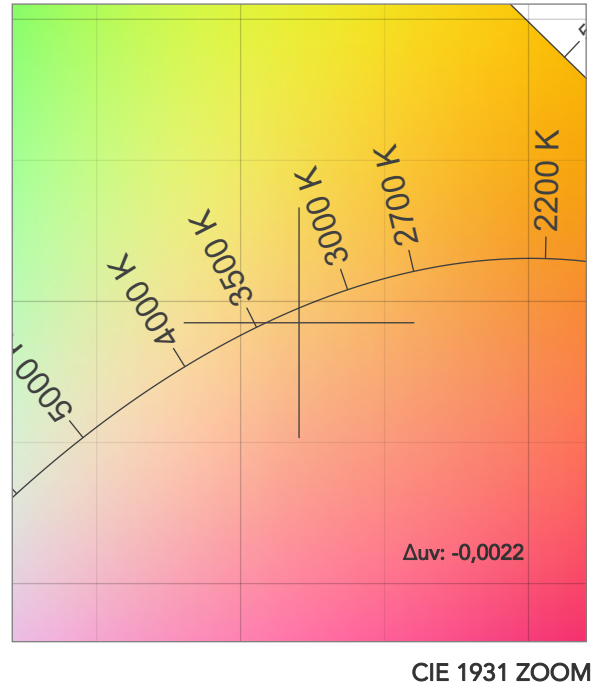
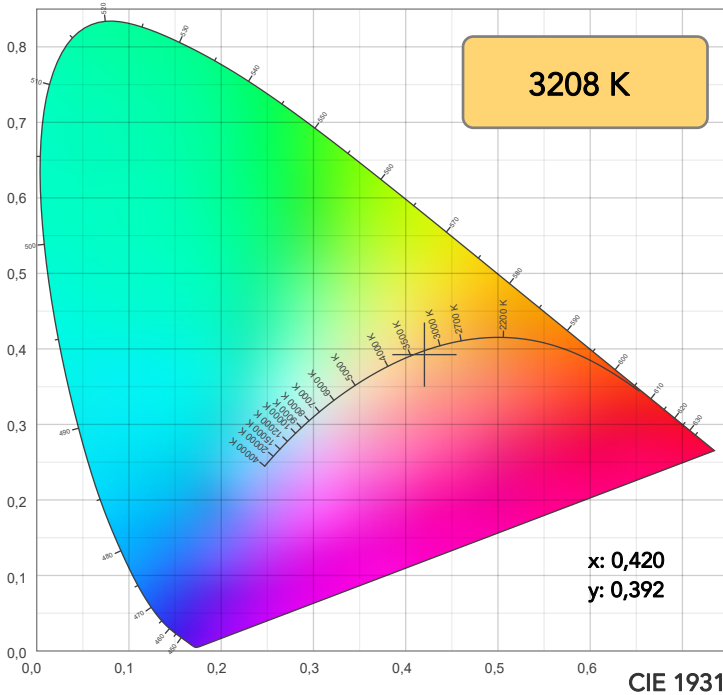
Field angle 10%: 43,3°

Cut off angle 2.5%: 59,1°

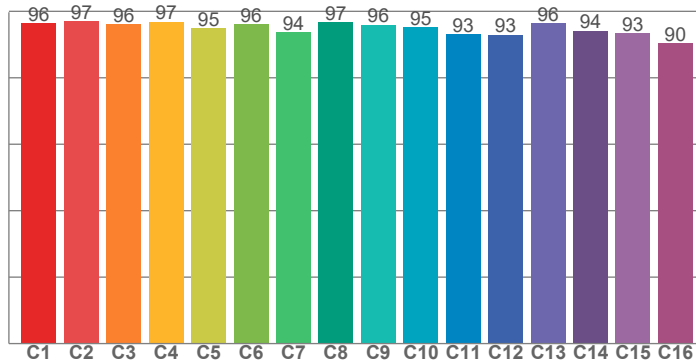
Spectra



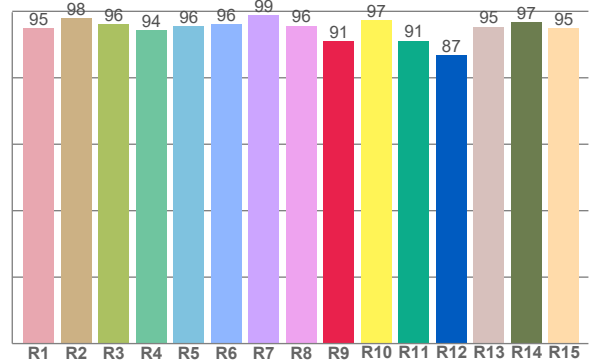
COLOR DETAILS



TM30: 95,2



CRI: 96,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,9	98,0	96,0	94,4	95,6	96,0	99,0	95,7	91,1	97,4	91,1	86,9	95,4	96,8	94,9

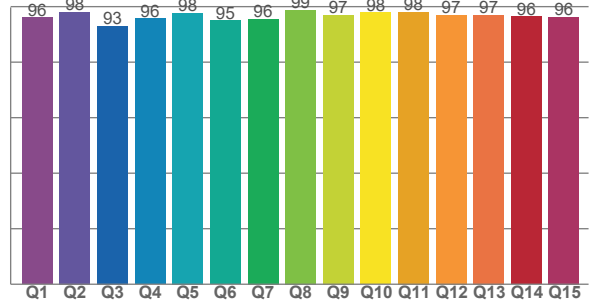
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,4	97,0	96,1	96,9	94,9	96,0	93,7	96,7	95,9	95,2	93,1	92,9	96,4	94,2	93,4	90,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,2	98,1	93,0	95,8	97,8	95,0	95,5	98,7	97,0	97,9	98,0	96,9	97,0	96,4	96,3

CQS: 96,2



COLOR PARAMETERS

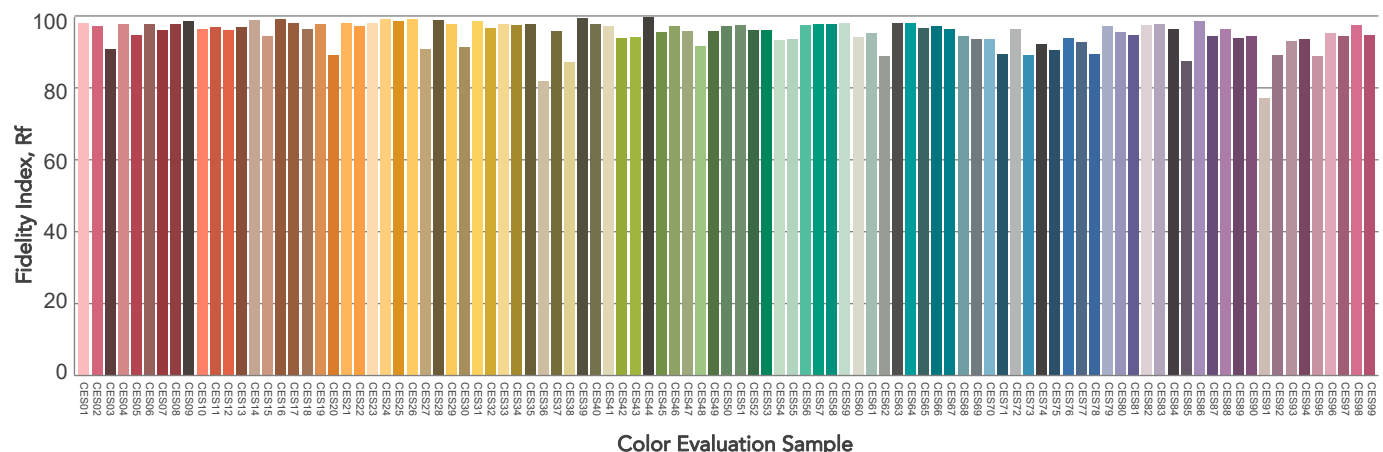
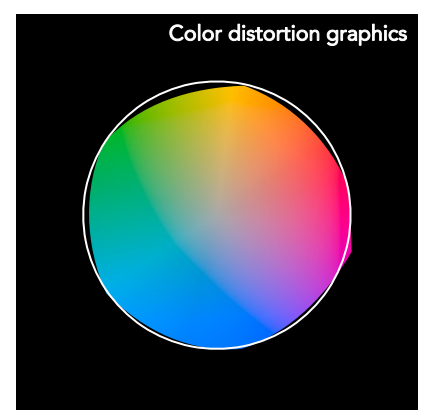
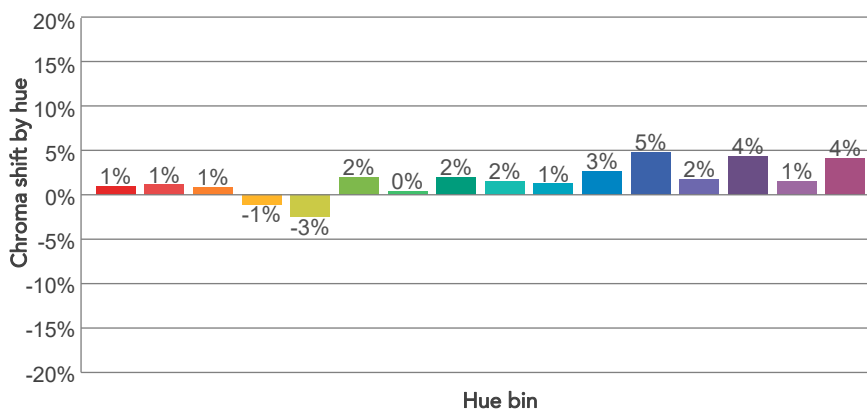
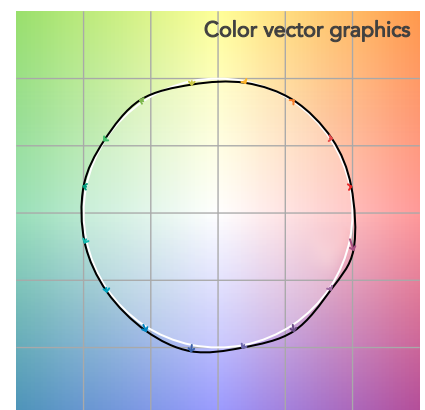
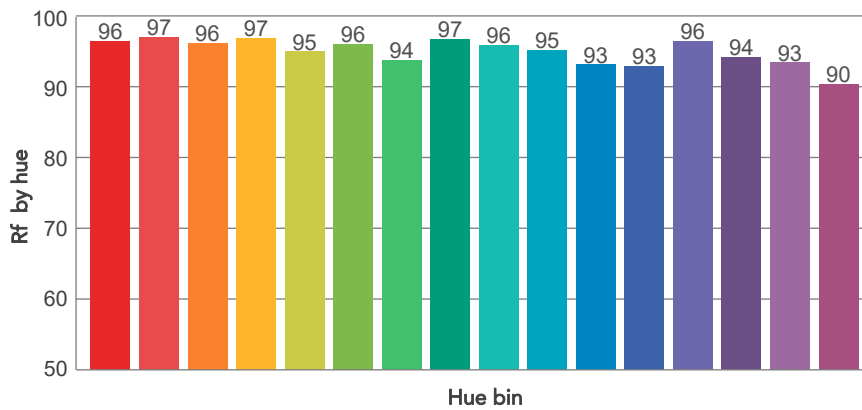
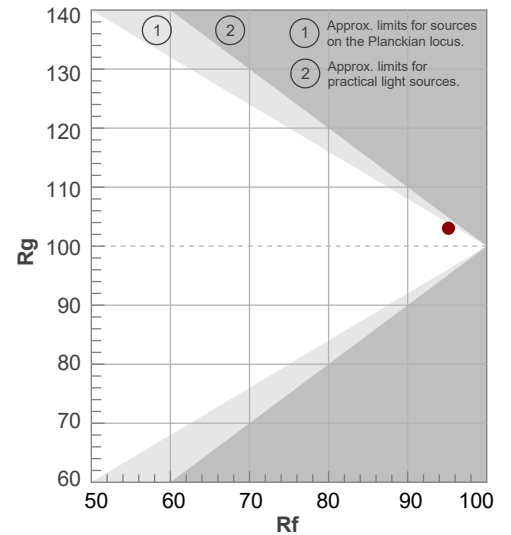
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3208 K	96,2	91,1	95,2	103,0	96,2	98	0,420	0,392	-0,0022

TM30 DETAILS

Rf 95,2
Fidelity index Rf

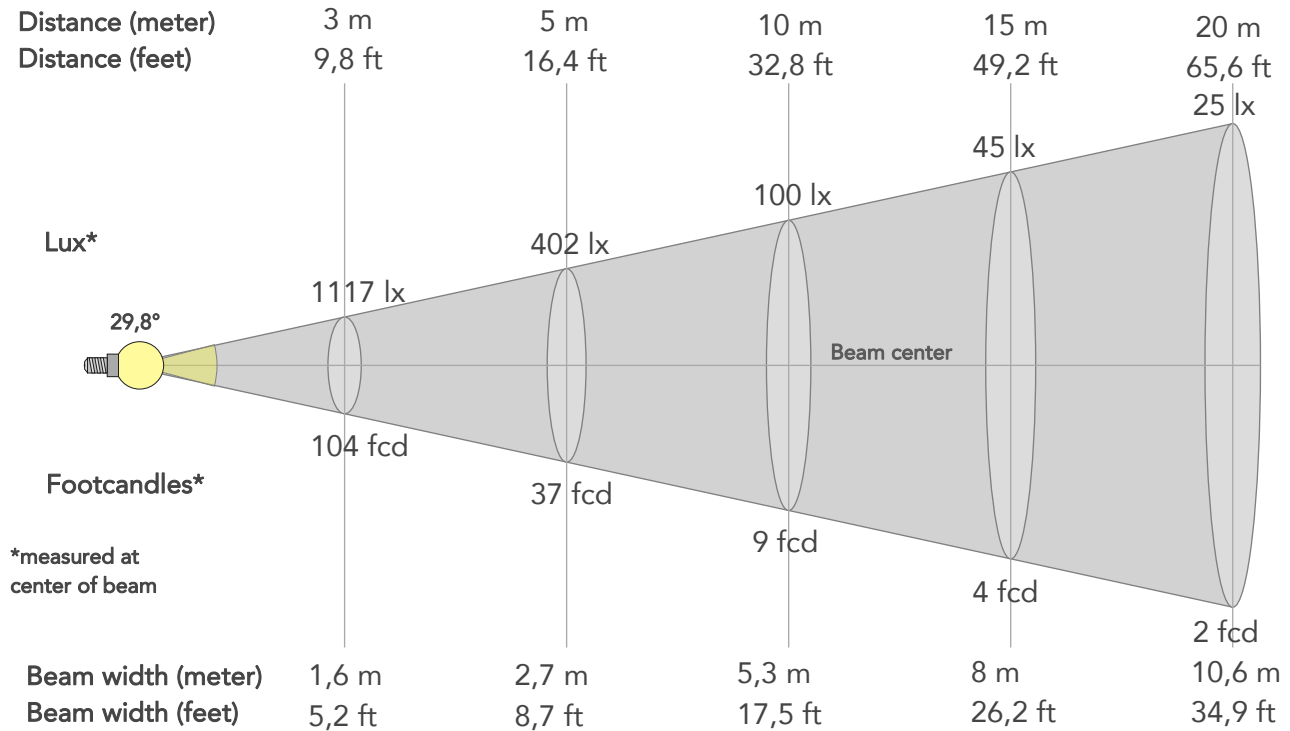
Rg 103,0
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	96	1%	0%
4	97	-1%	-1%
5	95	-3%	1%
6	96	2%	2%
7	94	0%	2%
8	97	2%	0%
9	96	2%	2%
10	95	1%	3%
11	93	3%	4%
12	93	5%	0%
13	96	2%	-2%
14	94	4%	-2%
15	93	1%	-1%
16	90	4%	-7%



BEAM DETAILS

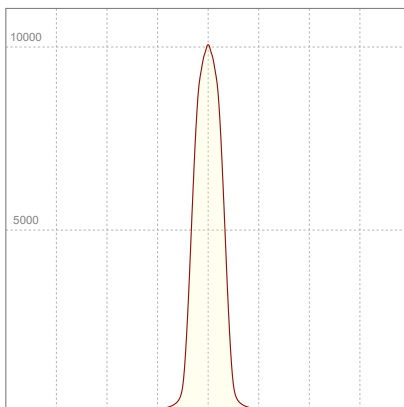
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,8°	43,3°	59,1°	97,4%	94,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	10049lx	2512lx	1117lx	628lx	402lx	179lx	100lx	45lx	25lx	16lx	11lx	6lx	4lx
Footcand.	934fcd	233fcd	104fcd	58fcd	37fcd	17fcd	9fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1,1m	1,6m	2,1m	2,7m	4m	5,3m	8m	10,6m	13,3m	16m	21,3m	26,6m
Beam wid.	1,8ft	3,5ft	5,2ft	7ft	8,7ft	13,1ft	17,5ft	26,2ft	34,9ft	43,7ft	52,4ft	69,8ft	87,3ft

LINEAR DISTRIBUTION DIAGRAM

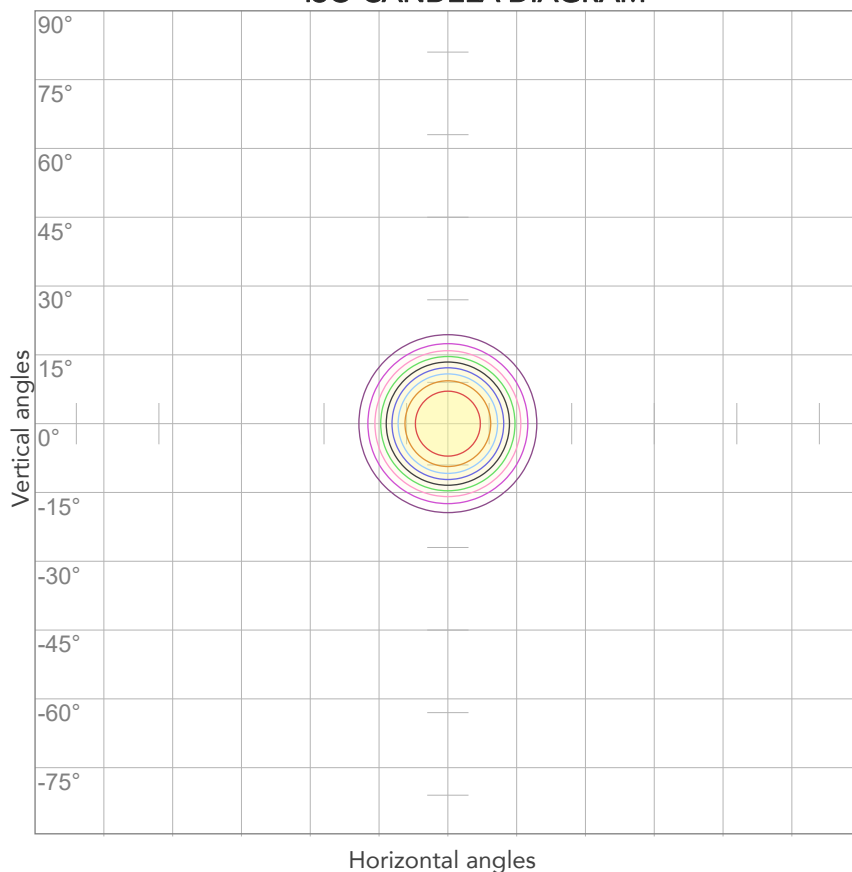


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
229V	0,273A	59,3W	0,95	46lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



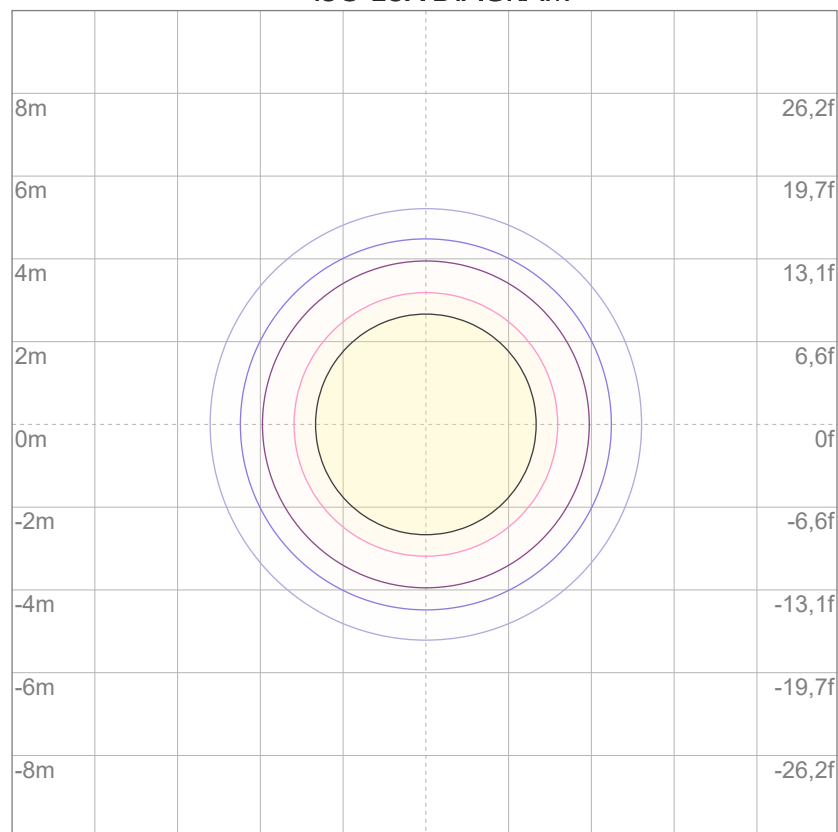
10%	1005 cd
20%	2010 cd
30%	3015 cd
40%	4019 cd
50%	5024 cd
60%	6029 cd
70%	7034 cd
80%	8039 cd

Conditions:

Number of c-planes: 2

Candela at center: 10049 cd

ISO LUX DIAGRAM



3%	3,01 lx
5%	5,02 lx
10%	10,0 lx
30%	30,1 lx
50%	50,2 lx

Conditions:

Number of c-planes: 2

Lux at center: 100 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2817 lm

Peak candela output:

3658 cd

Light quality:

CRI: 96,2

Color temperature:

3213 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Wide Lens

Target:

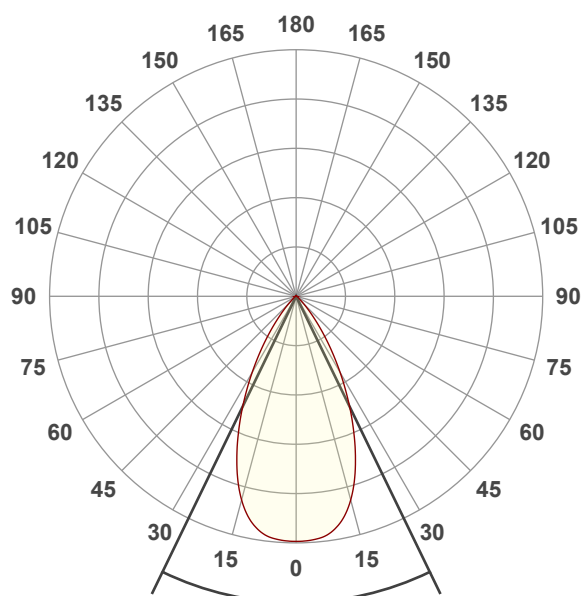
3200K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 17:16:49

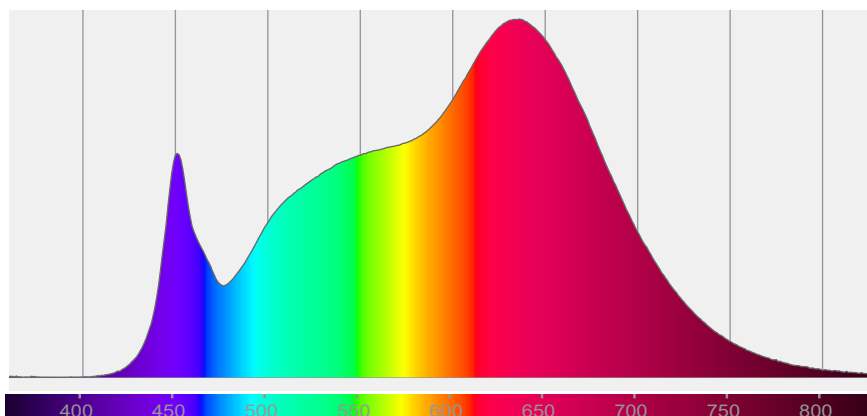


Beam angle 50%: 51,7°

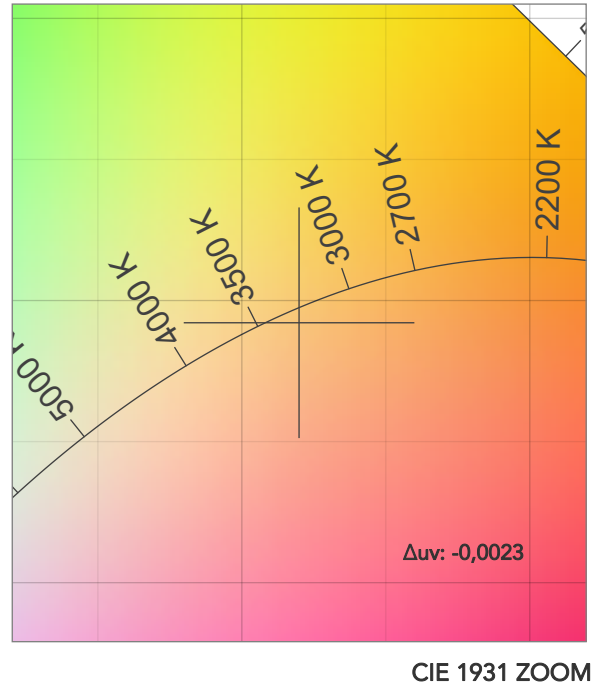
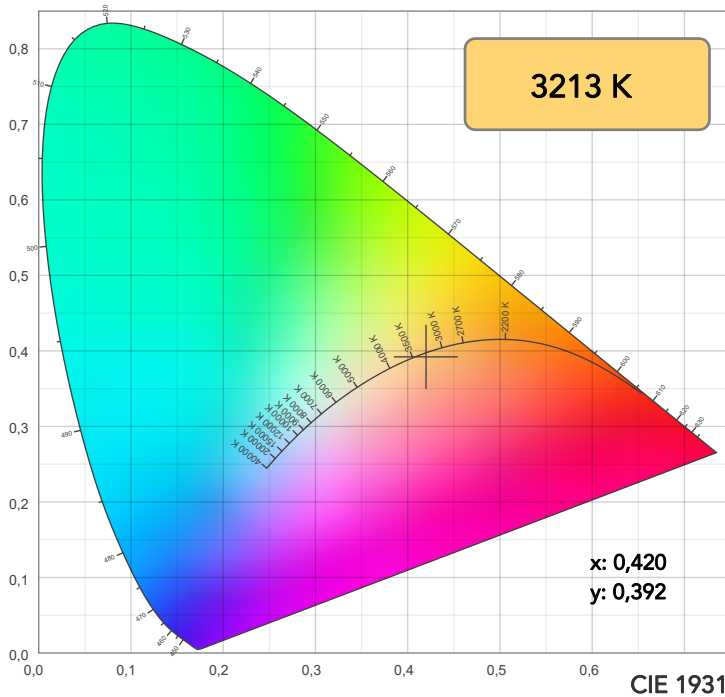
Field angle 10%: 80,7°

Cut off angle 2.5%: 97,1°

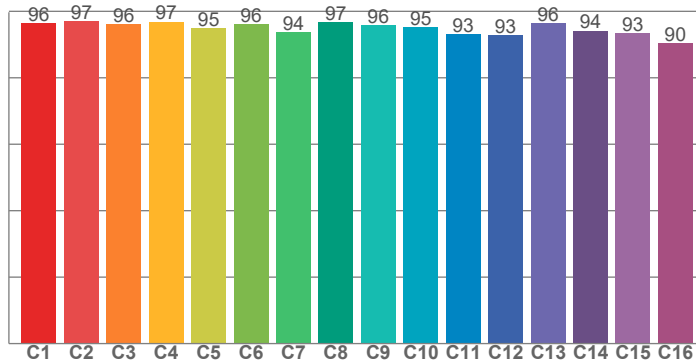
Spectra



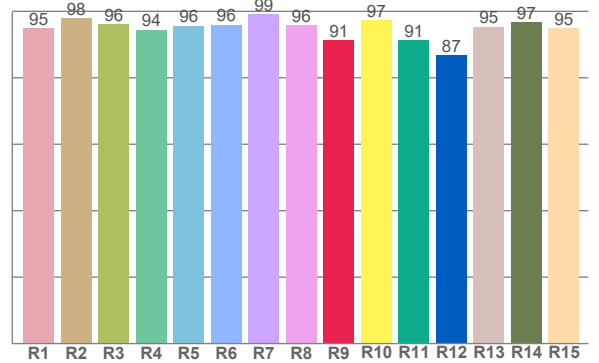
COLOR DETAILS



TM30: 95,1



CRI: 96,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,9	98,0	96,1	94,5	95,7	96,0	99,0	95,8	91,3	97,4	91,2	86,8	95,4	96,8	94,9

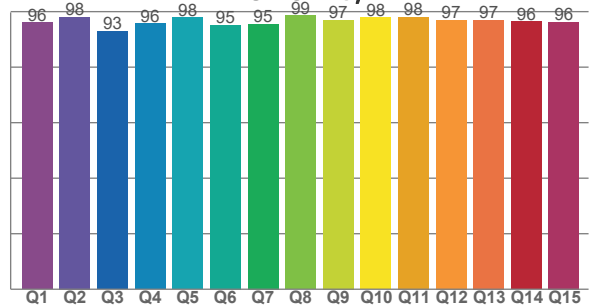
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,4	97,0	96,1	96,8	94,9	96,0	93,7	96,7	95,9	95,1	93,0	92,8	96,4	94,1	93,4	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,1	98,1	92,9	95,7	97,9	95,1	95,5	98,7	97,1	97,9	98,0	97,0	97,1	96,4	96,3

CQS: 96,2



COLOR PARAMETERS

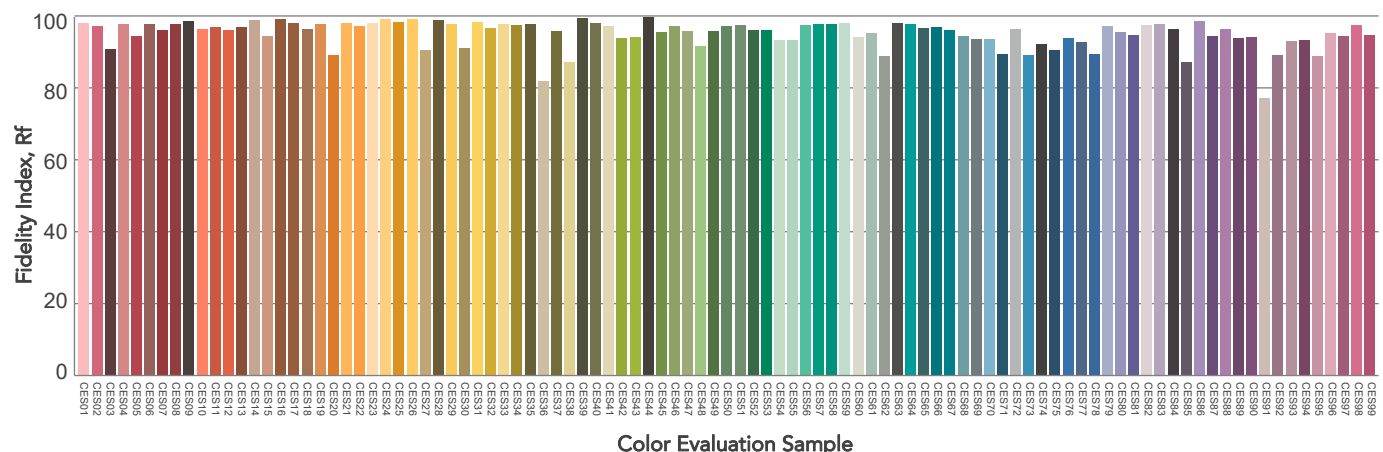
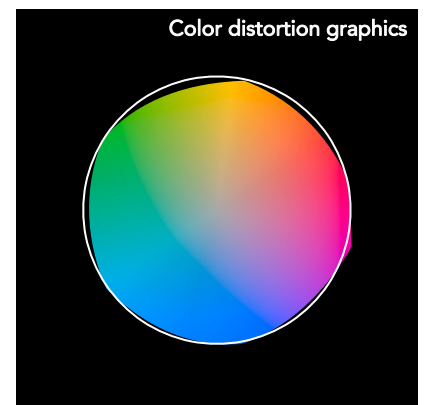
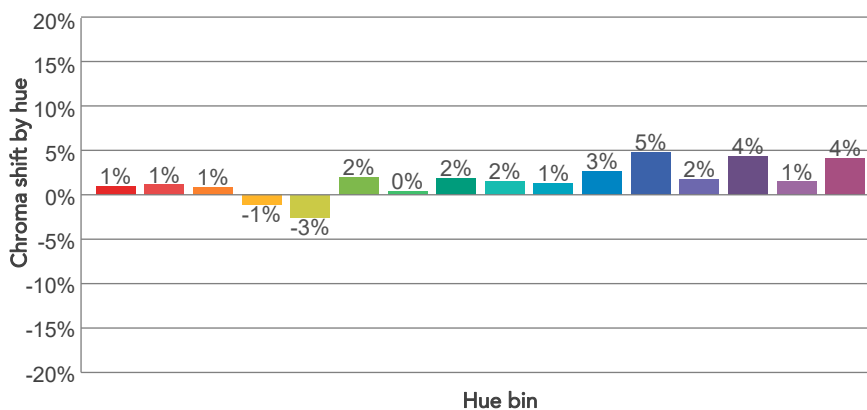
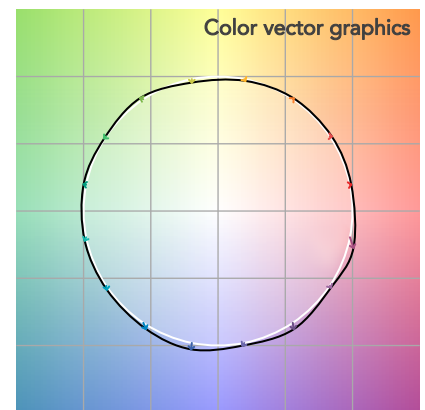
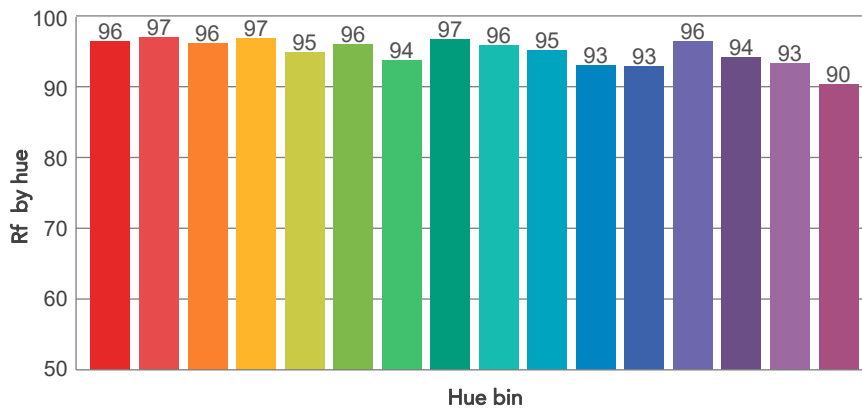
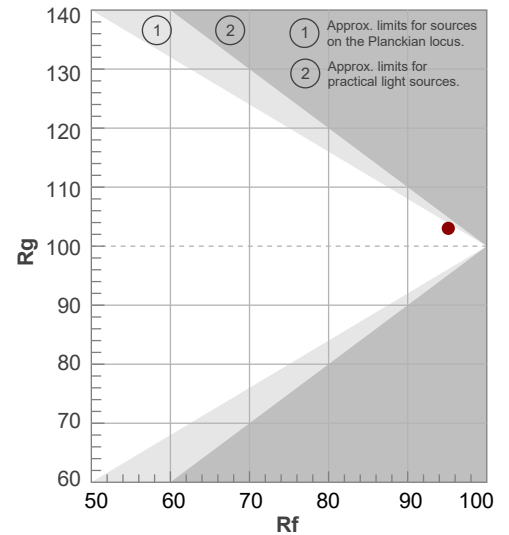
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3213 K	96,2	91,3	95,1	103,0	96,2	98	0,420	0,392	-0,0023

TM30 DETAILS

Rf 95,1
Fidelity index Rf

Rg 103,0
Gammut index

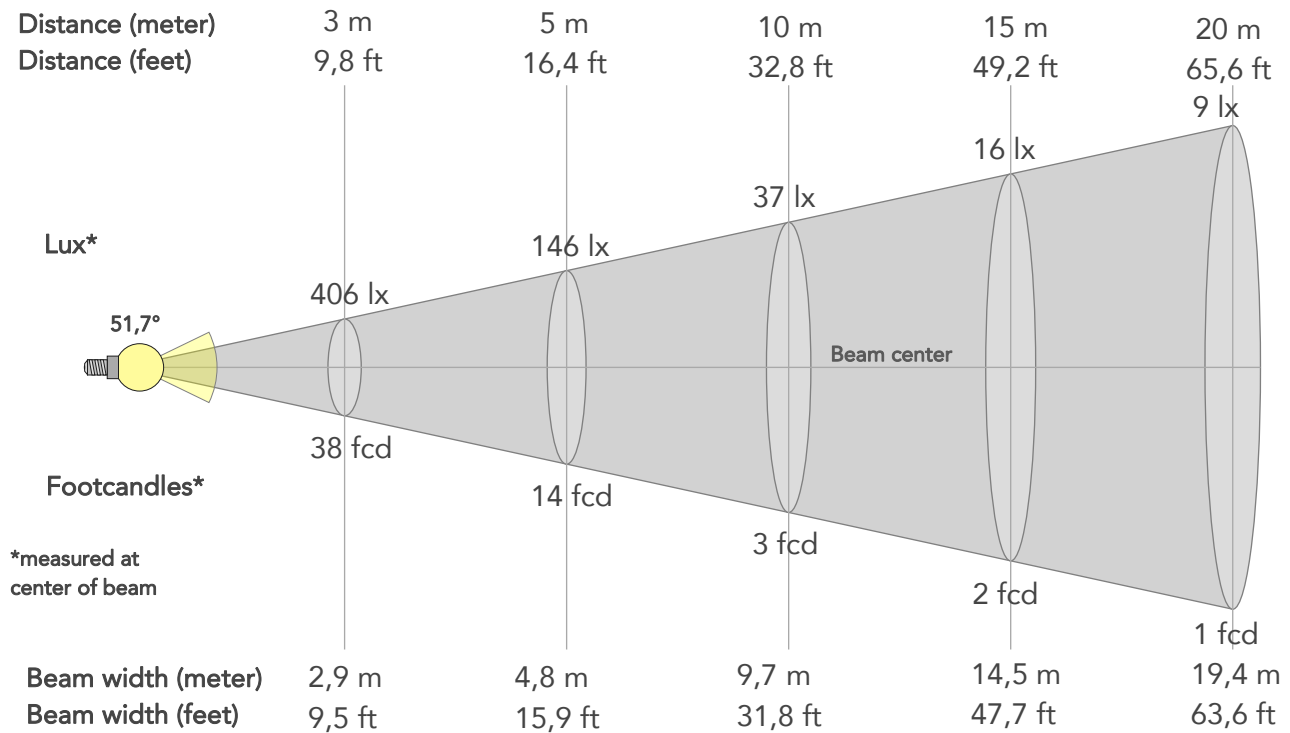
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	96	1%	0%
4	97	-1%	-1%
5	95	-3%	1%
6	96	2%	2%
7	94	0%	2%
8	97	2%	0%
9	96	2%	2%
10	95	1%	3%
11	93	3%	4%
12	93	5%	0%
13	96	2%	-2%
14	94	4%	-2%
15	93	1%	-1%
16	90	4%	-7%



BEAM DETAILS



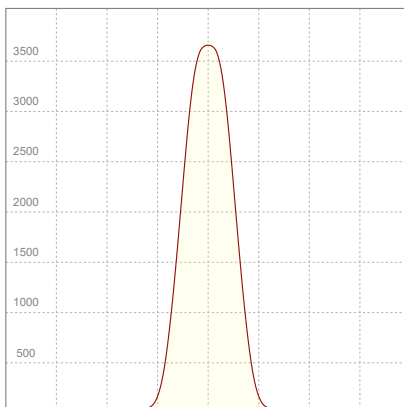
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
51,7°	80,7°	97,1°	98,3%	95,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	3658lx	915lx	406lx	229lx	146lx	65lx	37lx	16lx	9lx	6lx	4lx	2lx	1lx
Footcand.	340fcd	85fcd	38fcd	21fcd	14fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	1,9m	2,9m	3,9m	4,8m	7,3m	9,7m	14,5m	19,4m	24,2m	29,1m	38,8m	48,5m
Beam wid.	3,2ft	6,4ft	9,5ft	12,7ft	15,9ft	23,9ft	31,8ft	47,7ft	63,6ft	79,5ft	95,4ft	127,2ft	159ft

LINEAR DISTRIBUTION DIAGRAM

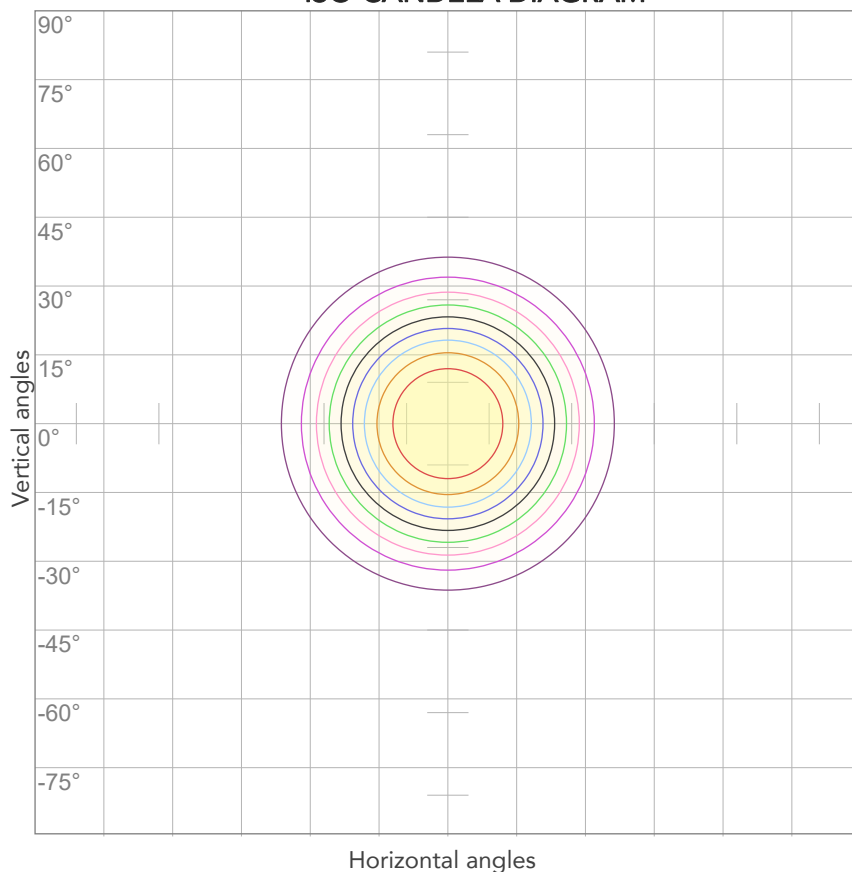


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,273A	59,3W	0,95	47lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



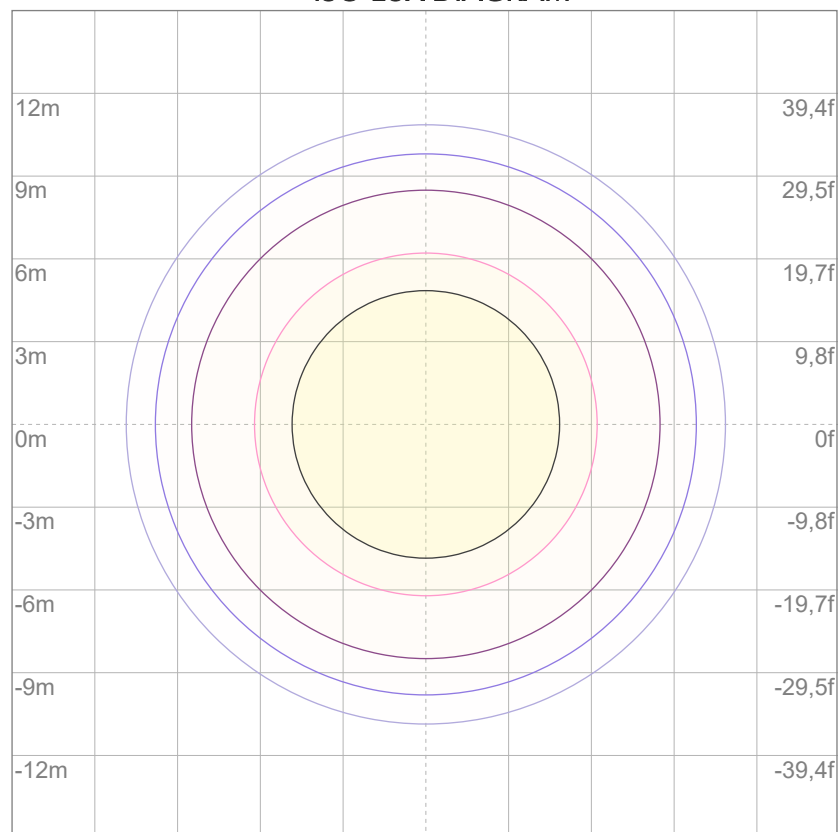
10%	366 cd
20%	732 cd
30%	1097 cd
40%	1463 cd
50%	1829 cd
60%	2195 cd
70%	2561 cd
80%	2927 cd

Conditions:

Number of c-planes: 2

Candela at center: 3658 cd

ISO LUX DIAGRAM



3%	1,10 lx
5%	1,83 lx
10%	3,66 lx
30%	11,0 lx
50%	18,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 36,6 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2583 lm

Peak candela output:

18834 cd

Light quality:

CRI: 96,2

Color temperature:

3216 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x20° Filter

Target:

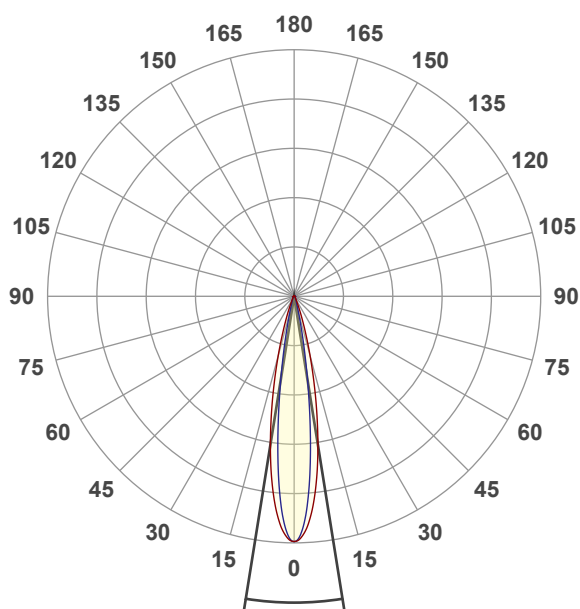
3200K

Operator:

Giuseppe della Peruta

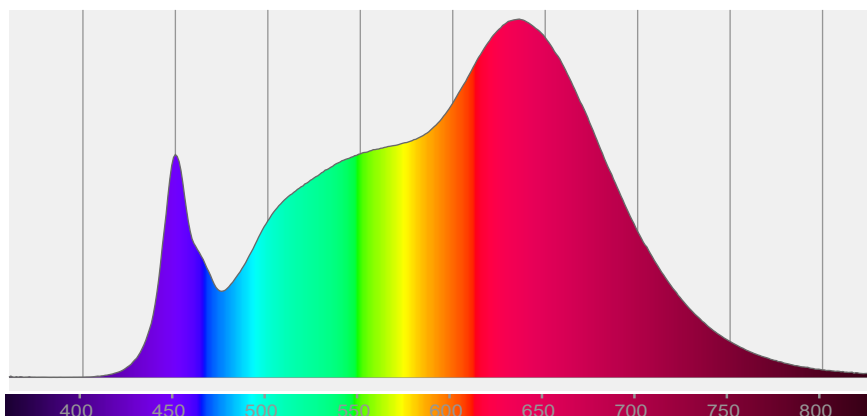
Date and time:

04/08/2025 15:48:37

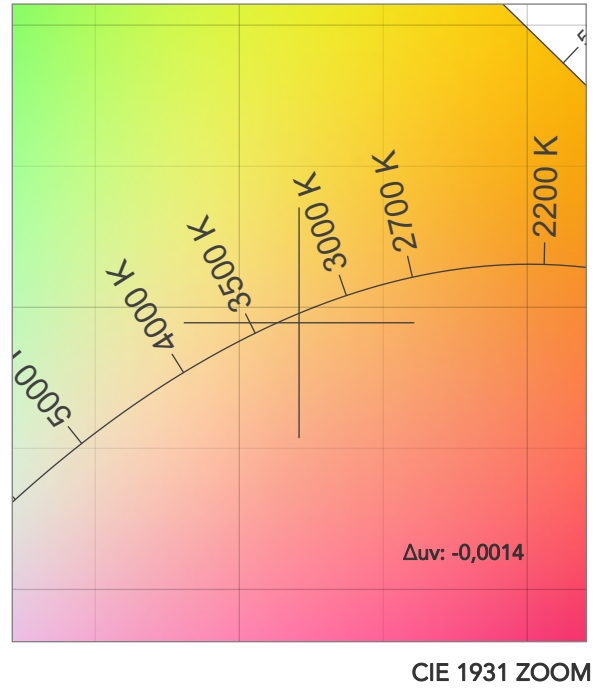
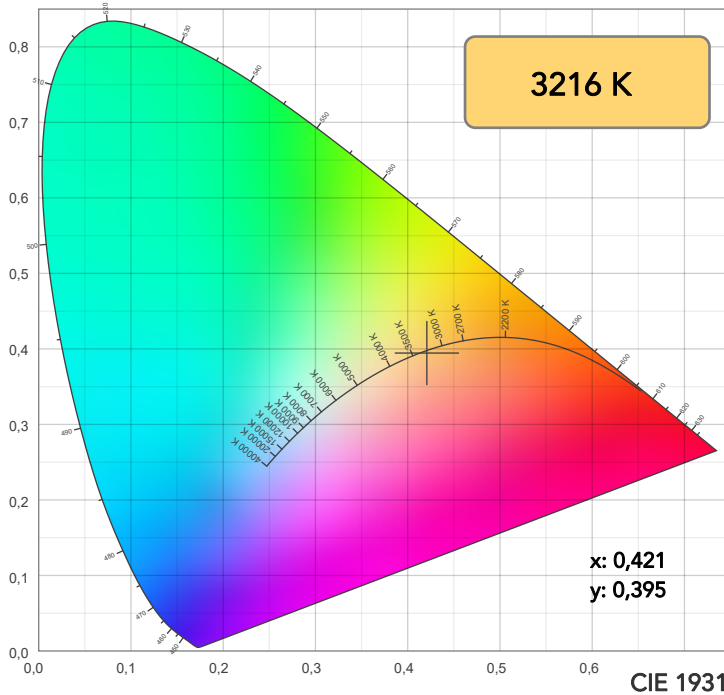


	Blue curve V	Red curve H
Beam angle 50%:	14,8°	21,6°
Field angle 10%:	27,3°	38,7°
Cut off angle 2.5%:	41,5°	52,3°

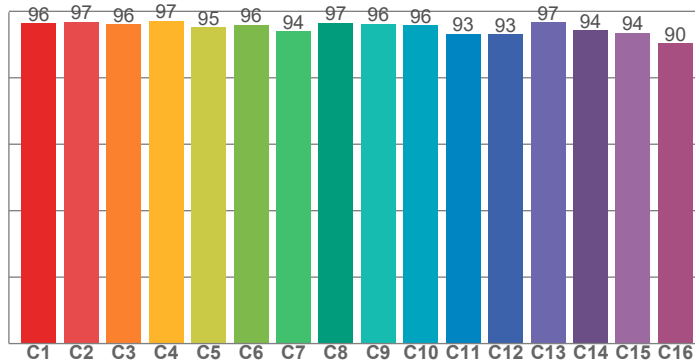
Spectra



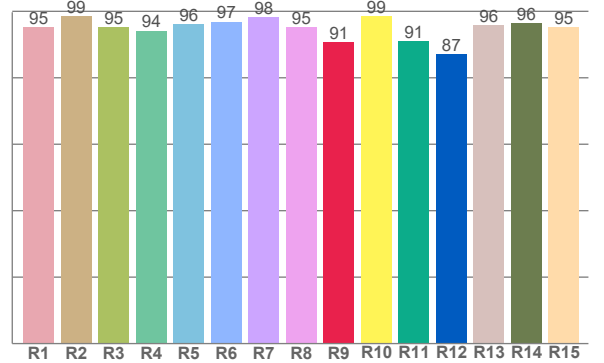
COLOR DETAILS



TM30: 95,3



CRI: 96,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,2	98,6	95,3	94,2	96,1	96,9	98,3	95,2	90,7	98,6	91,1	87,2	95,9	96,4	95,2

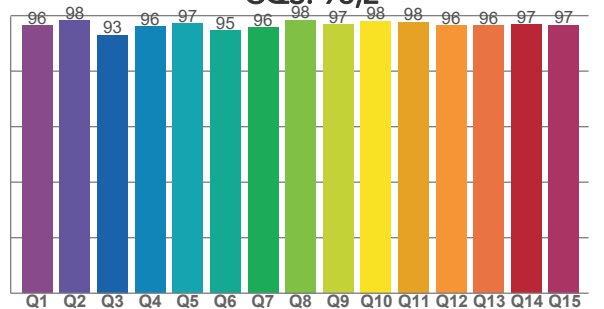
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,4	96,9	96,2	97,2	95,1	96,0	94,0	96,6	96,2	95,8	93,3	93,1	96,8	94,3	93,5	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,4	98,2	93,1	96,2	97,2	94,6	95,7	98,4	96,9	98,0	97,7	96,4	96,4	96,8	96,6

CQS: 96,2



COLOR PARAMETERS

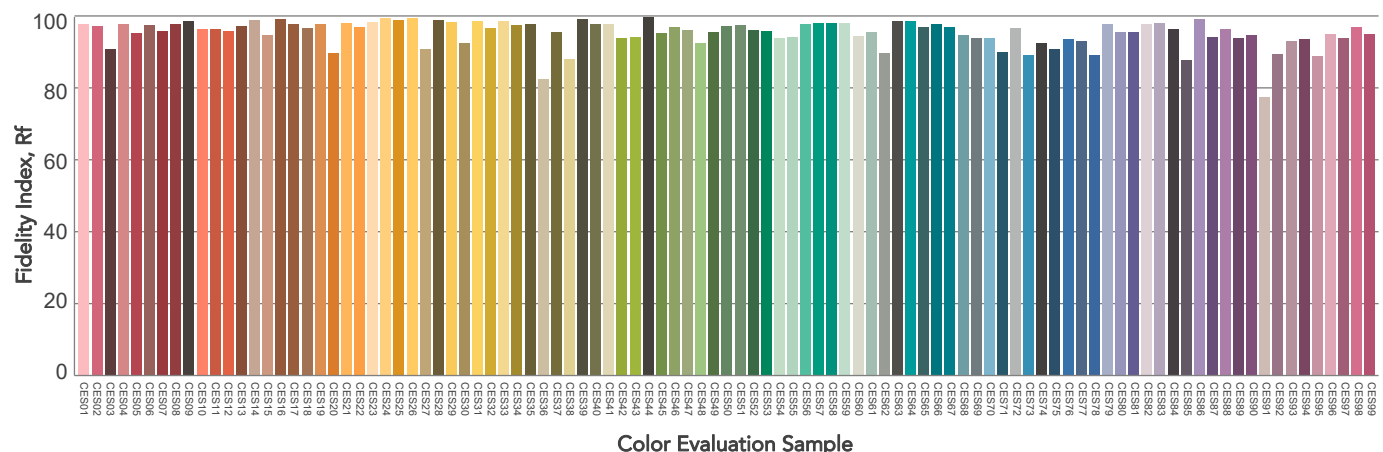
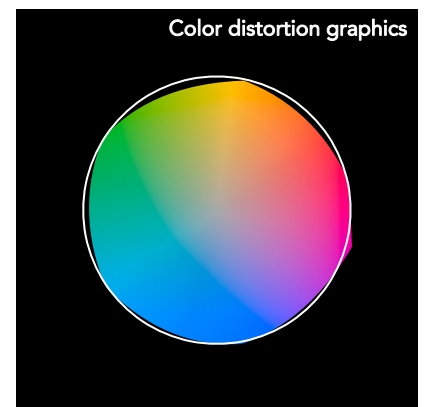
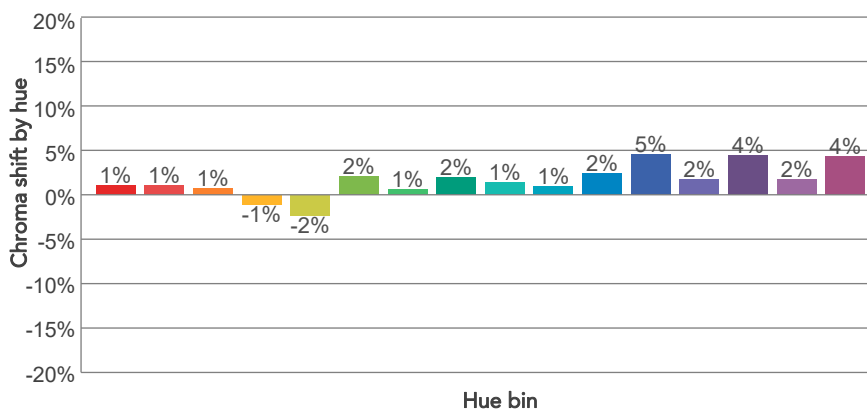
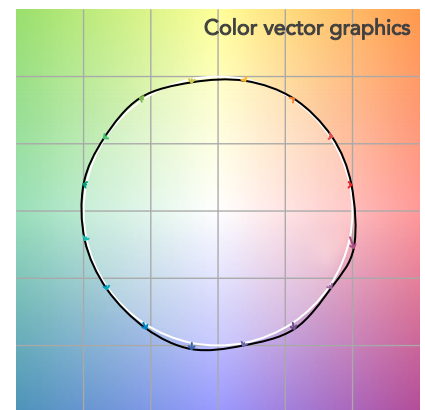
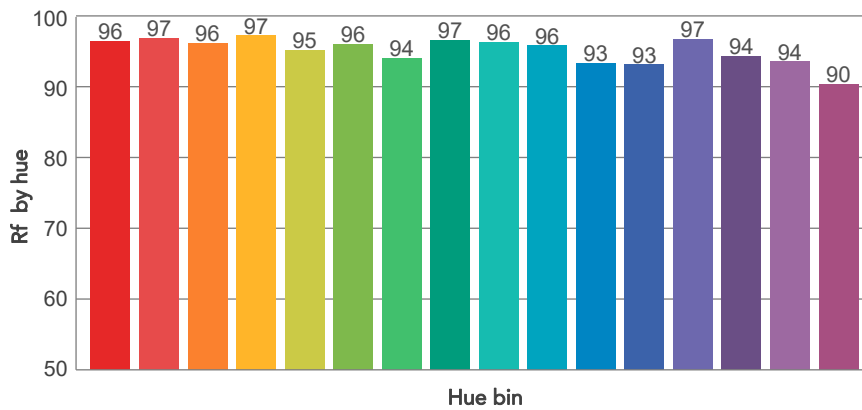
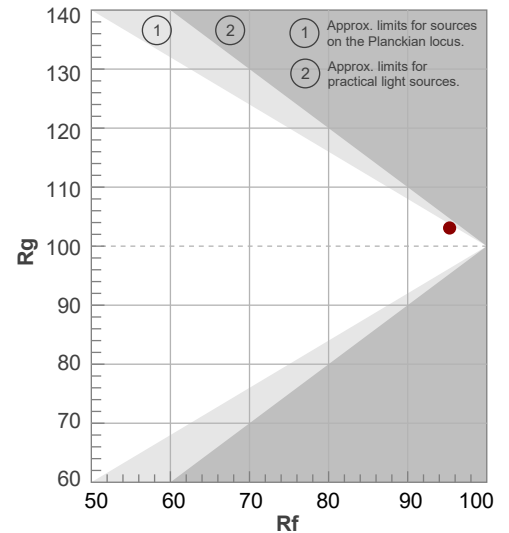
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3216 K	96,2	90,7	95,3	103,1	96,2	99	0,421	0,395	-0,0014

TM30 DETAILS

Rf 95,3
Fidelity index Rf

Rg 103,1
Gammut index

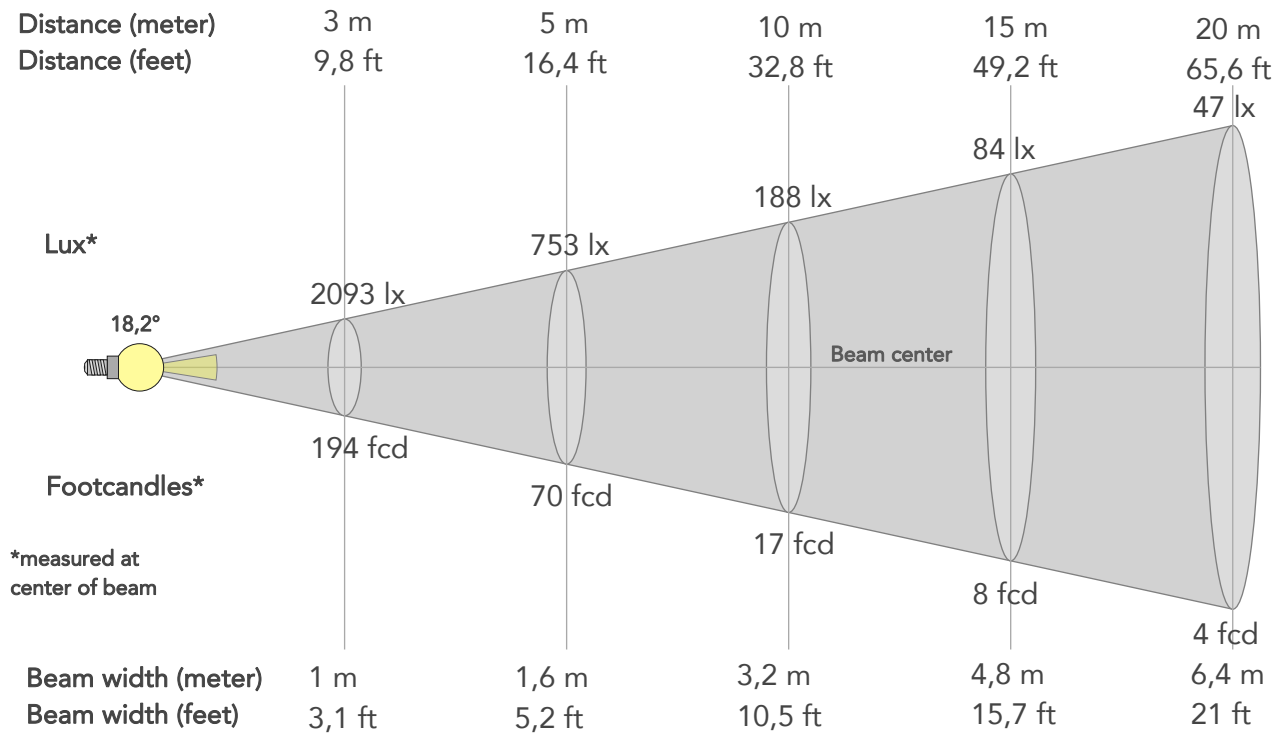
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	96	1%	0%
4	97	-1%	-1%
5	95	-2%	1%
6	96	2%	2%
7	94	1%	2%
8	97	2%	0%
9	96	1%	2%
10	96	1%	2%
11	93	2%	4%
12	93	5%	1%
13	97	2%	-1%
14	94	4%	-2%
15	94	2%	-1%
16	90	4%	-7%



BEAM DETAILS



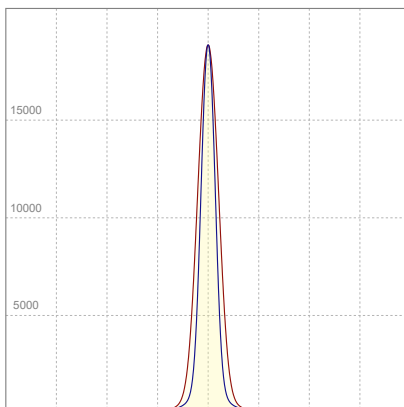
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,2°	33°	46,9°	98,2%	95,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	18834lx	4709lx	2093lx	1177lx	753lx	335lx	188lx	84lx	47lx	30lx	21lx	12lx	8lx
Footcand.	1750fcd	437fcd	194fcd	109fcd	70fcd	31fcd	17fcd	8fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,9ft	10,5ft	15,7ft	21ft	26,2ft	31,5ft	41,9ft	52,4ft

LINEAR DISTRIBUTION DIAGRAM

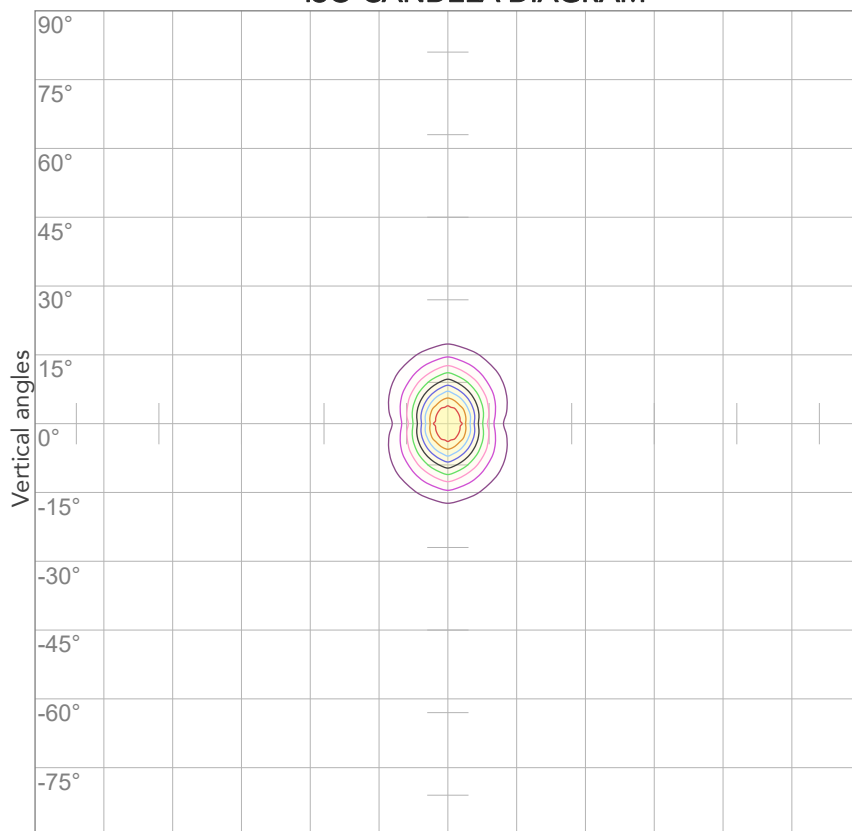


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,286A	61,6W	0,95	42lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



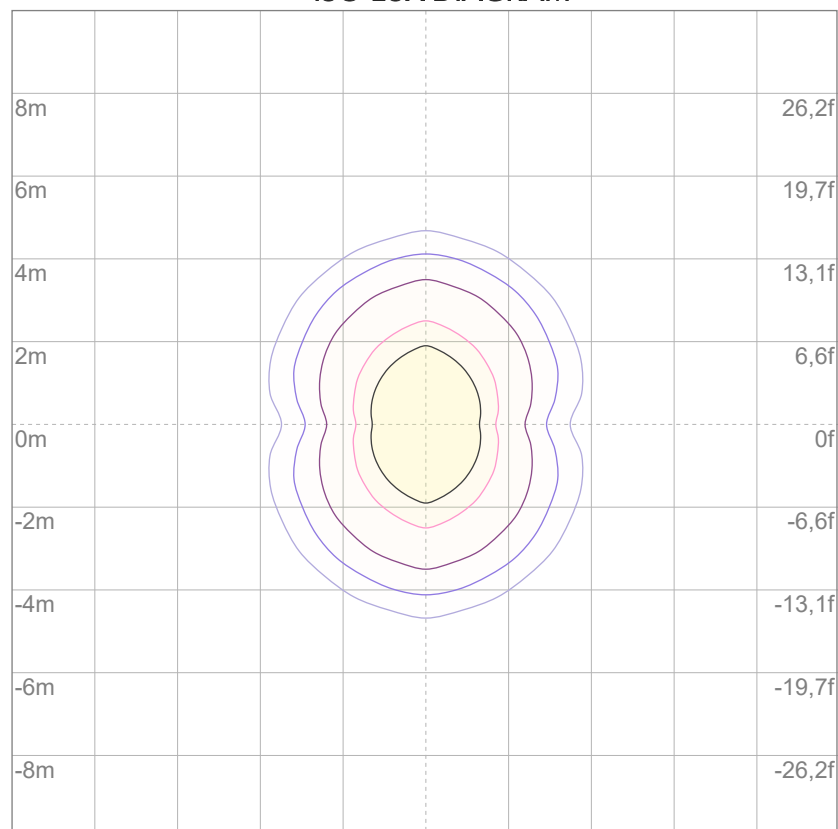
10%	1883 cd
20%	3767 cd
30%	5650 cd
40%	7534 cd
50%	9417 cd
60%	11301 cd
70%	13184 cd
80%	15067 cd

Conditions:

Number of c-planes: 4

Candela at center: 18834 cd

ISO LUX DIAGRAM



3%	5,65 lx
5%	9,42 lx
10%	18,8 lx
30%	56,5 lx
50%	94,2 lx

Conditions:

Number of c-planes: 4

Lux at center: 188 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2671 lm

Peak candela output:

9801 cd

Light quality:

CRI: 96,1

Color temperature:

3206 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x40° Filter

Target:

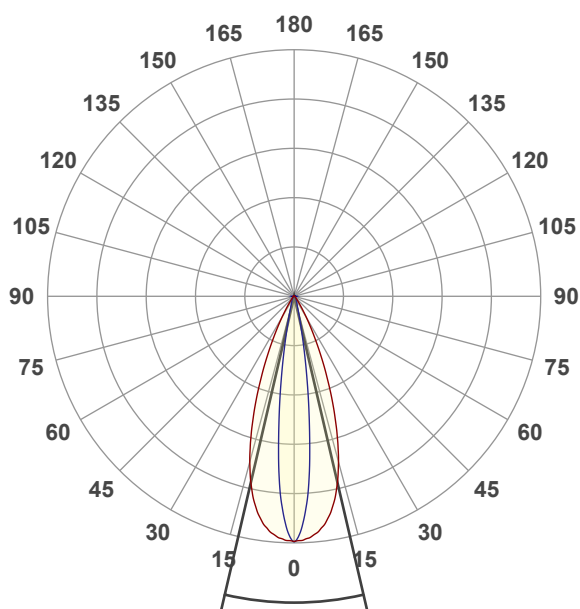
3200K

Operator:

Giuseppe della Peruta

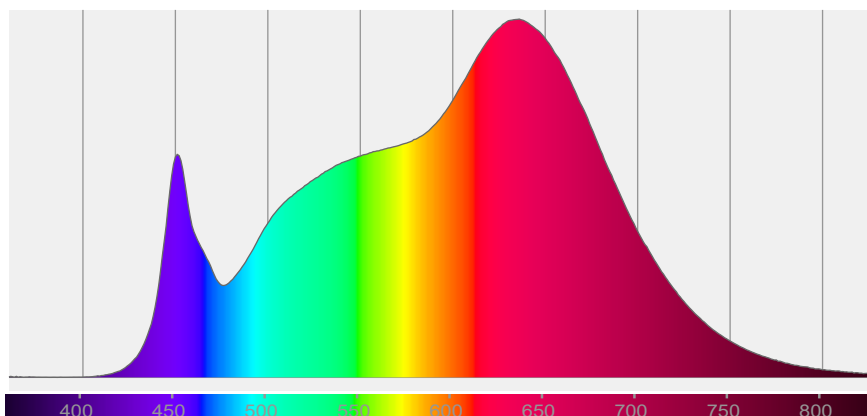
Date and time:

04/08/2025 17:51:17

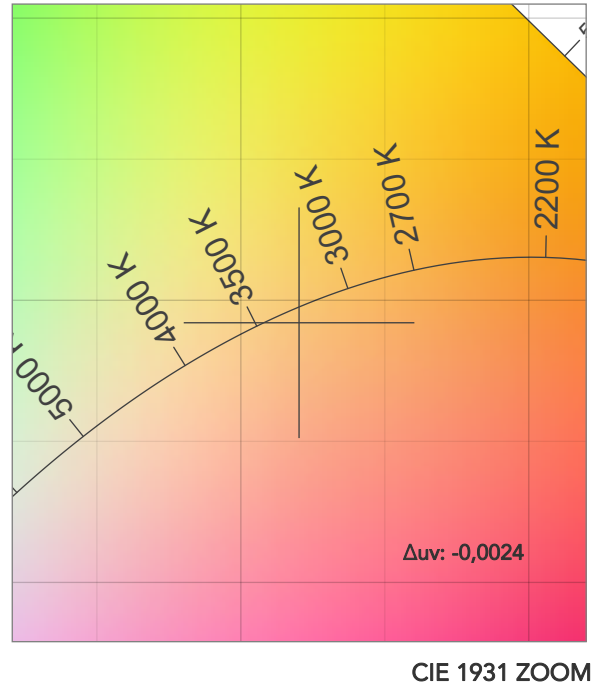
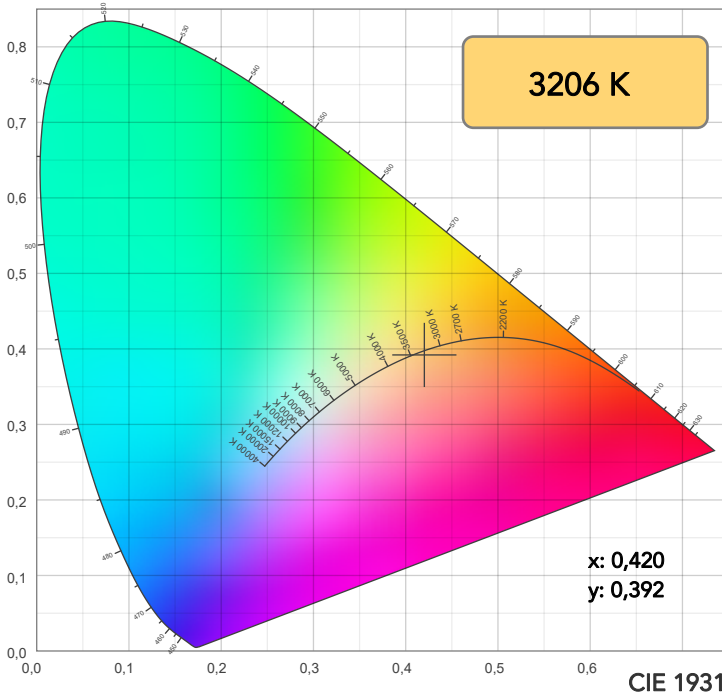


	Blue curve V	Red curve H
Beam angle 50%:	14,1°	38,2°
Field angle 10%:	27°	60,1°
Cut off angle 2.5%:	47,1°	75,7°

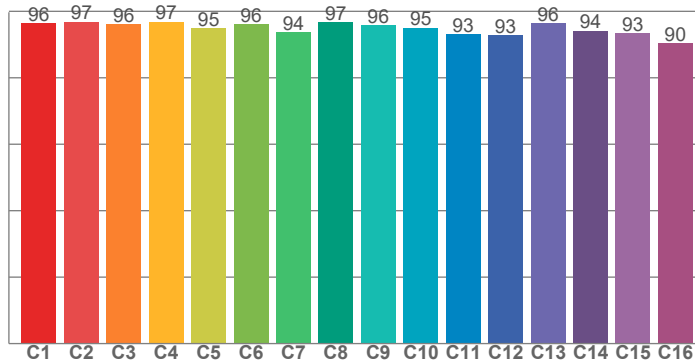
Spectra



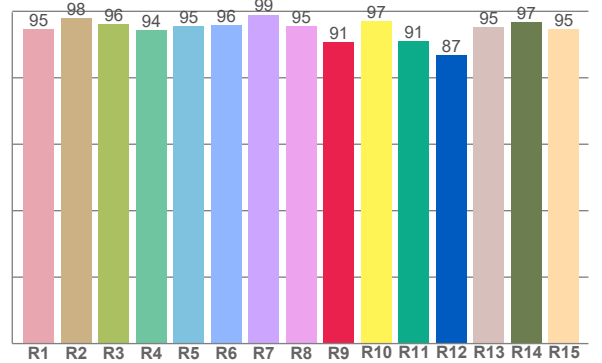
COLOR DETAILS



TM30: 95,1



CRI: 96,1 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,7	97,8	96,1	94,3	95,5	95,8	99,0	95,5	90,6	97,1	91,1	86,8	95,2	96,8	94,7

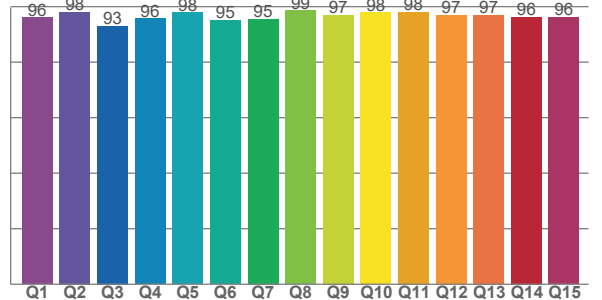
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,3	96,9	96,0	96,8	94,9	96,0	93,6	96,7	95,8	95,1	93,1	92,9	96,4	94,2	93,3	90,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,1	98,1	93,0	95,7	97,8	95,1	95,5	98,7	97,0	97,9	98,0	96,9	97,0	96,3	96,2

CQS: 96,2



COLOR PARAMETERS

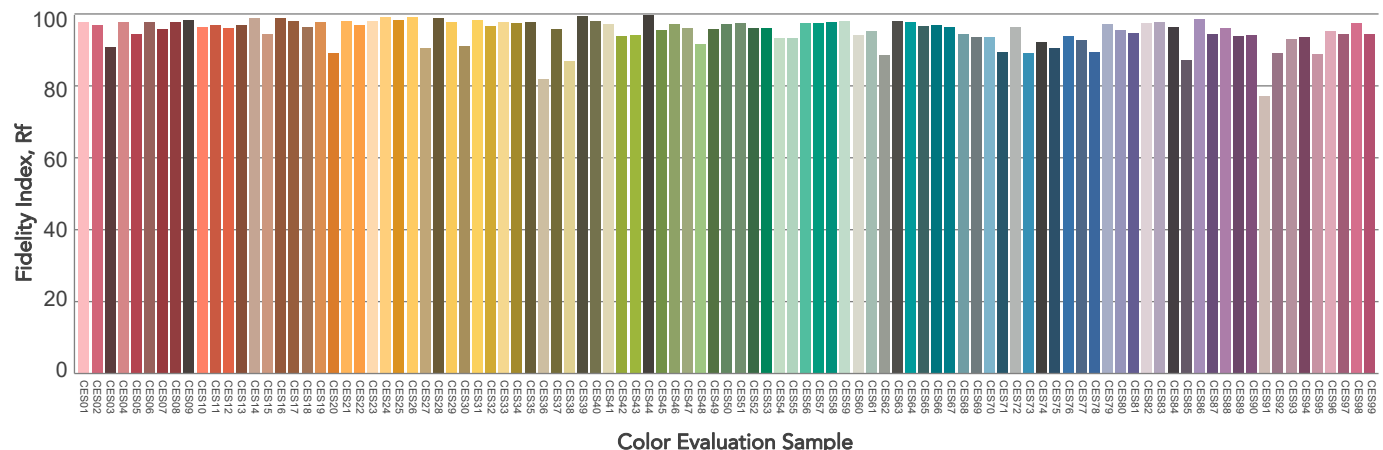
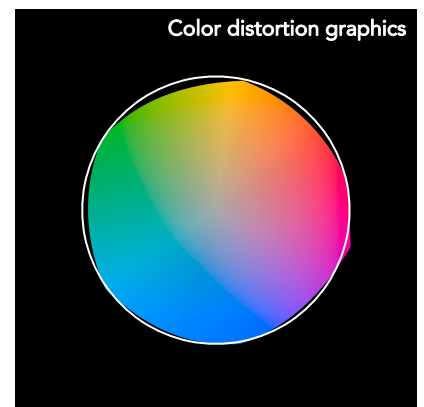
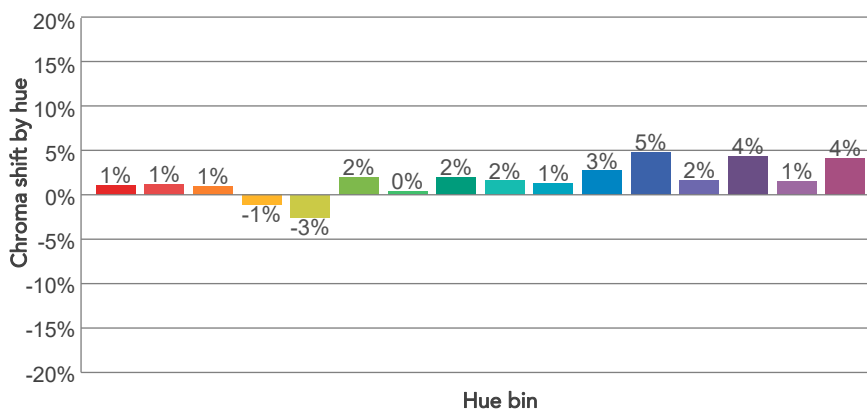
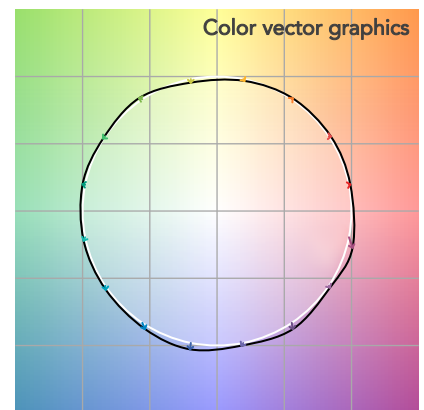
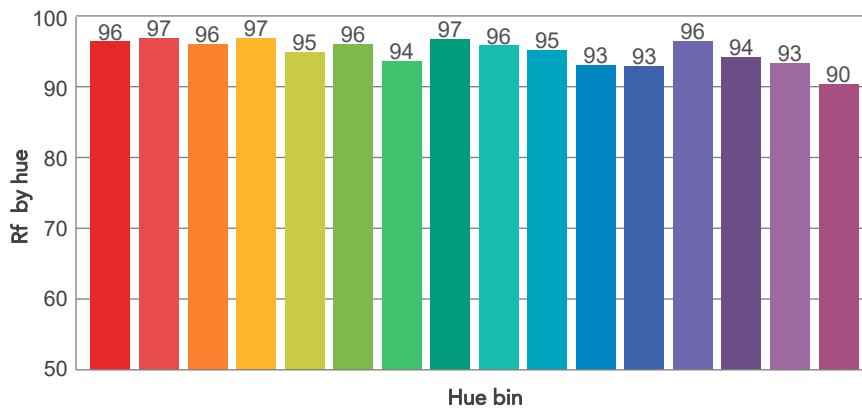
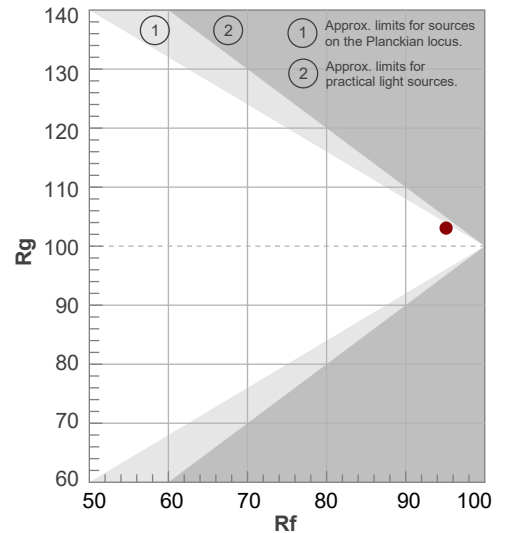
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3206 K	96,1	90,6	95,1	103,1	96,2	98	0,420	0,392	-0,0024

TM30 DETAILS

Rf 95,1
Fidelity index Rf

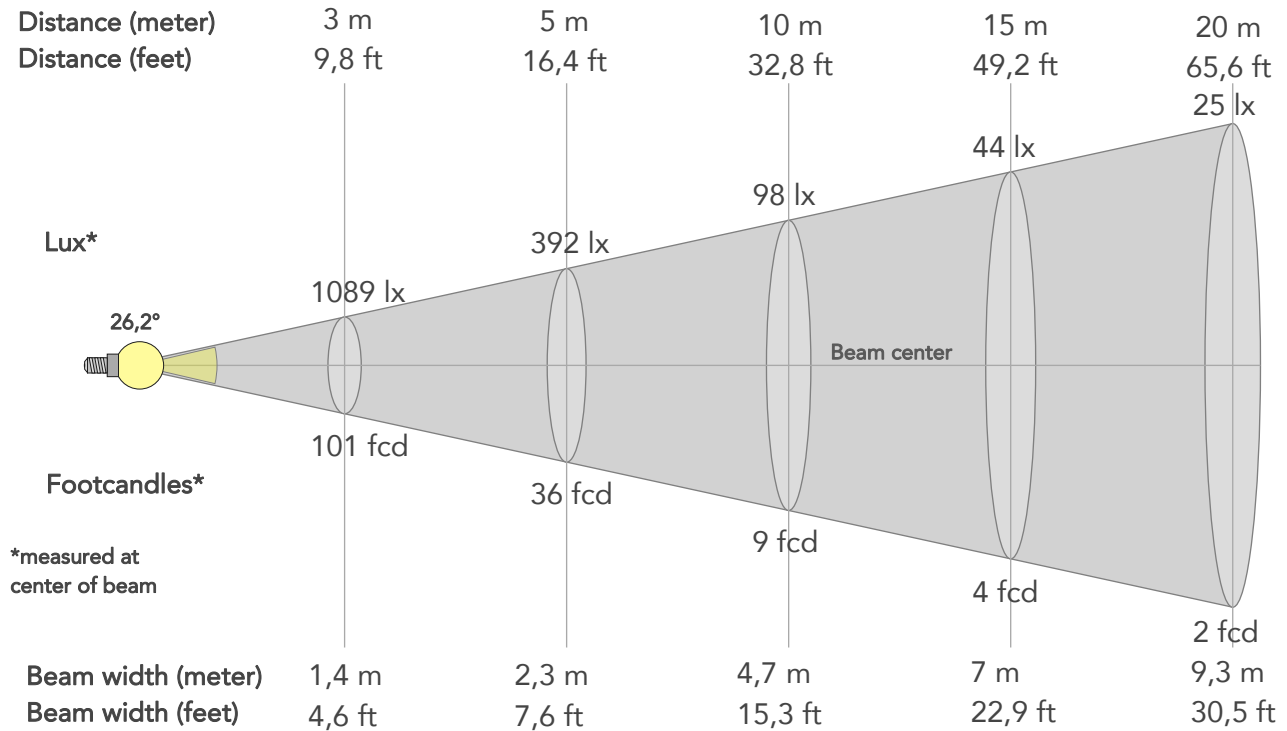
Rg 103,1
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	96	1%	0%
4	97	-1%	-1%
5	95	-3%	1%
6	96	2%	2%
7	94	0%	2%
8	97	2%	0%
9	96	2%	2%
10	95	1%	3%
11	93	3%	4%
12	93	5%	0%
13	96	2%	-2%
14	94	4%	-2%
15	93	1%	-1%
16	90	4%	-7%



BEAM DETAILS

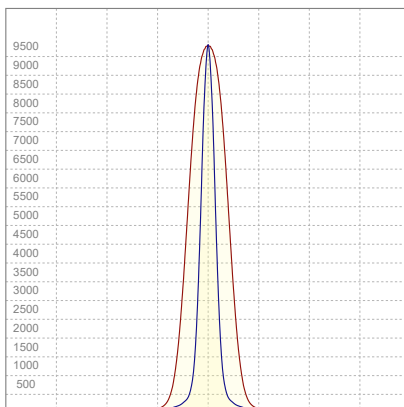
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26,2°	43,6°	61,4°	98,3%	95,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	9800lx	2450lx	1089lx	613lx	392lx	174lx	98lx	44lx	25lx	16lx	11lx	6lx	4lx
Footcand.	910fcd	228fcd	101fcd	57fcd	36fcd	16fcd	9fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	0,9m	1,4m	1,9m	2,3m	3,5m	4,7m	7m	9,3m	11,6m	14m	18,6m	23,3m
Beam wid.	1,5ft	3,1ft	4,6ft	6,1ft	7,6ft	11,4ft	15,3ft	22,9ft	30,5ft	38,1ft	45,8ft	61ft	76,3ft

LINEAR DISTRIBUTION DIAGRAM

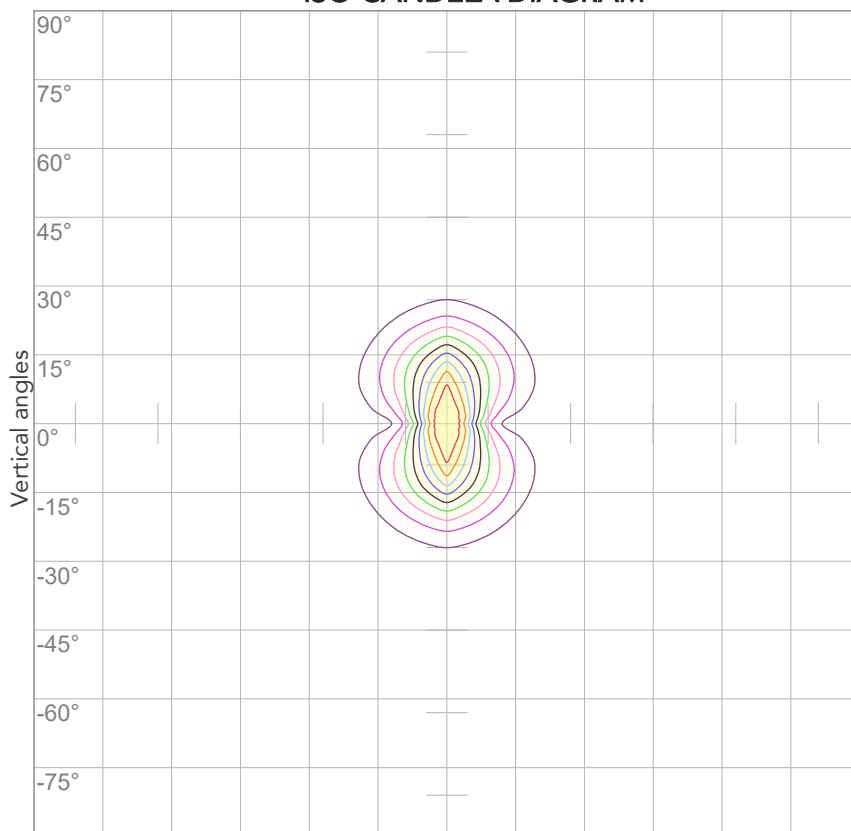


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,274A	59,3W	0,95	45lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



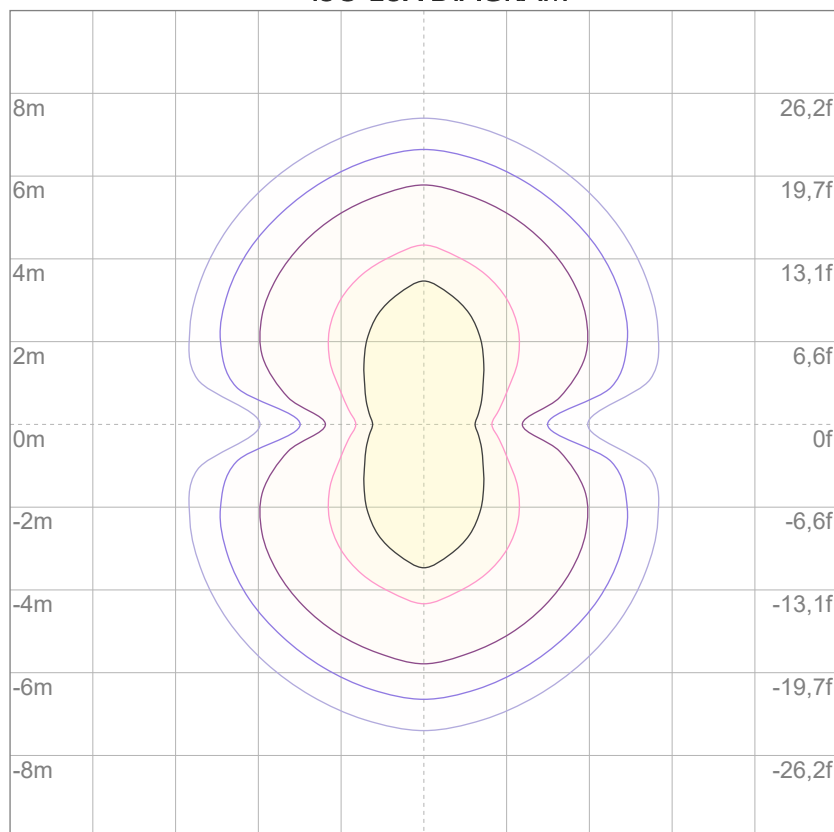
10%	980 cd
20%	1960 cd
30%	2940 cd
40%	3920 cd
50%	4900 cd
60%	5880 cd
70%	6860 cd
80%	7840 cd

Conditions:

Number of c-planes: 4

Candela at center: 9800 cd

ISO LUX DIAGRAM



3%	2,94 lx
5%	4,90 lx
10%	9,80 lx
30%	29,4 lx
50%	49,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 98,0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3548 lm

Peak candela output:

7098 cd

Light quality:

CRI: 96,2

Color temperature:

3212 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x60° Filter

Target:

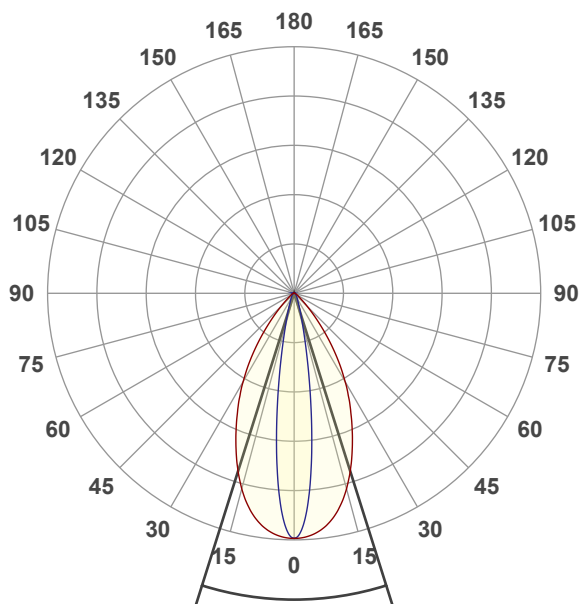
3200K

Operator:

Giuseppe della Peruta

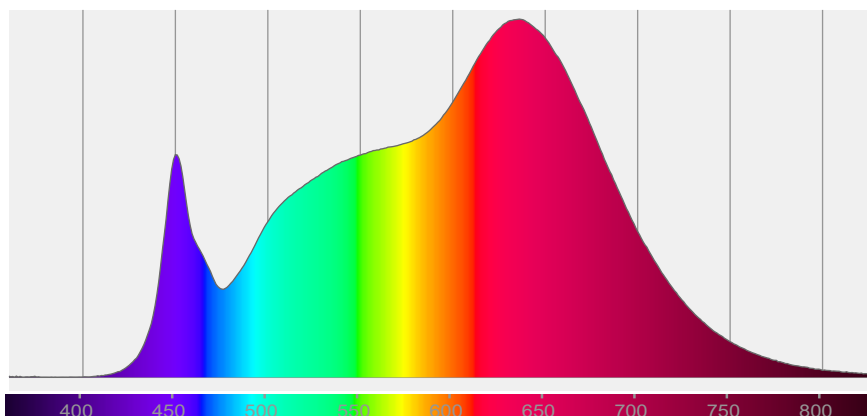
Date and time:

05/08/2025 12:54:45

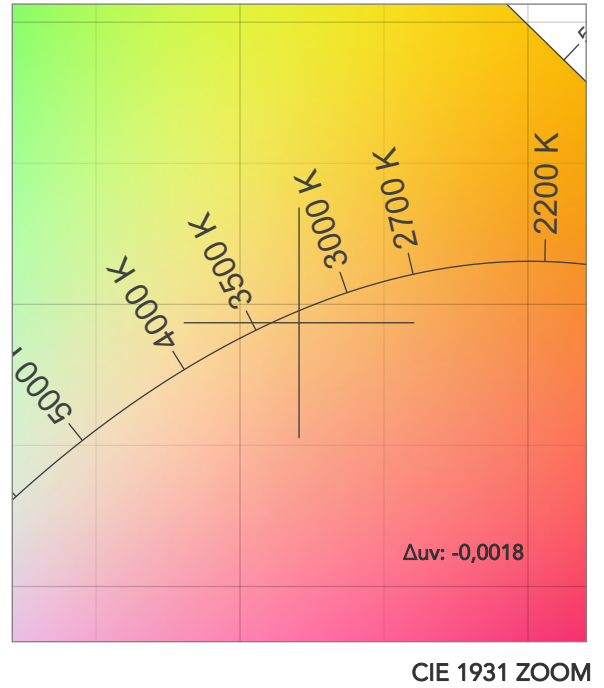
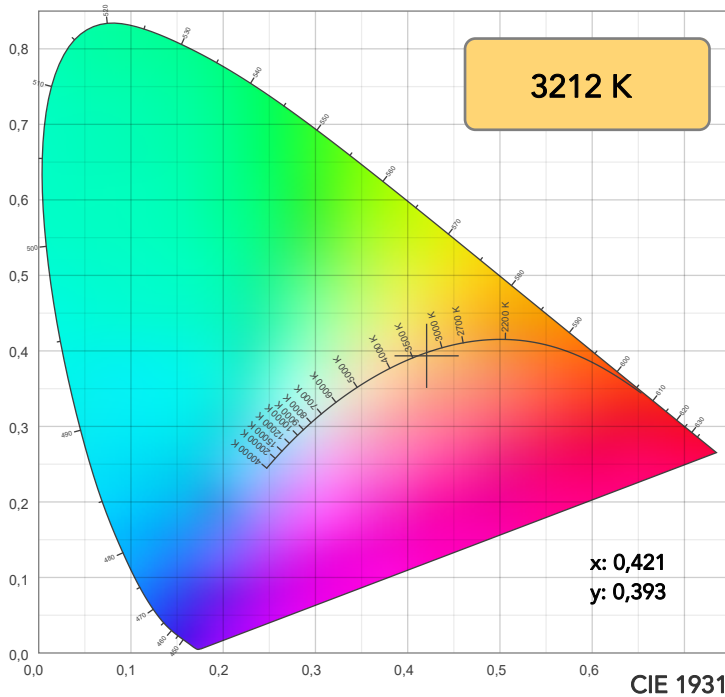


	Blue curve V	Red curve H
Beam angle 50%:	16,1°	53,9°
Field angle 10%:	33,6°	86,4°
Cut off angle 2.5%:	61,2°	107,1°

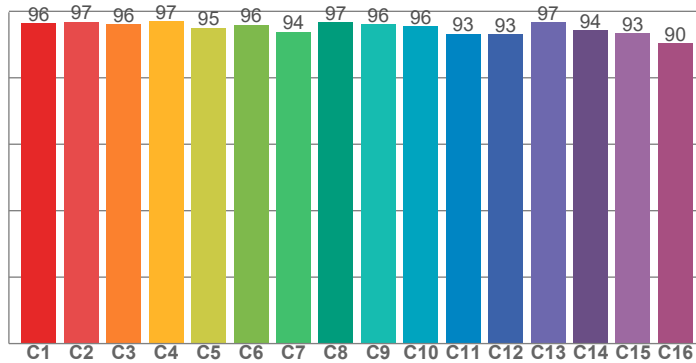
Spectra



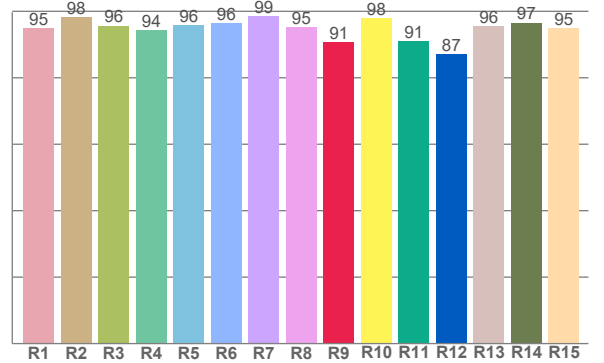
COLOR DETAILS



TM30: 95,2



CRI: 96,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,0	98,3	95,7	94,2	95,8	96,4	98,6	95,3	90,6	98,0	91,0	87,1	95,6	96,6	95,0

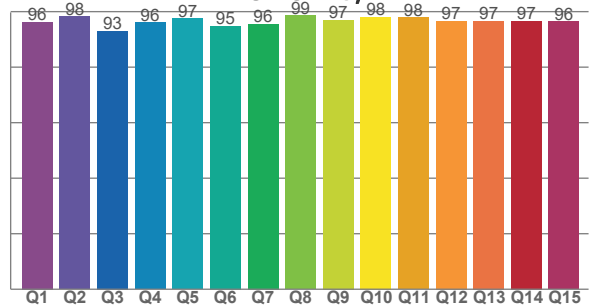
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,4	96,9	96,1	97,0	95,0	96,0	93,8	96,6	96,1	95,5	93,2	93,0	96,6	94,3	93,5	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,3	98,2	93,0	96,0	97,4	94,8	95,6	98,5	96,9	98,0	97,8	96,6	96,6	96,6	96,4

CQS: 96,2



COLOR PARAMETERS

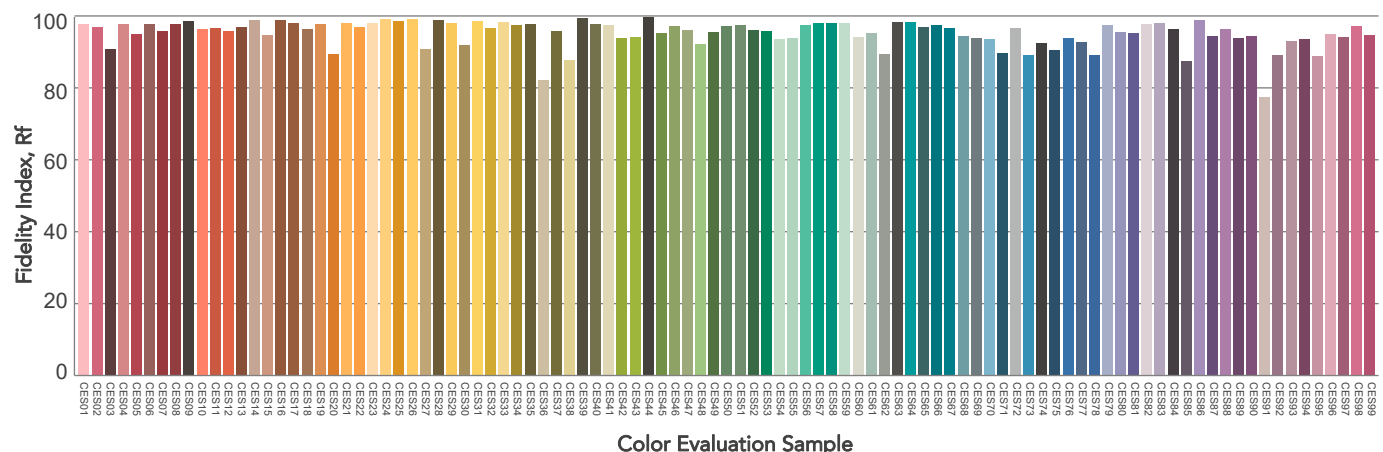
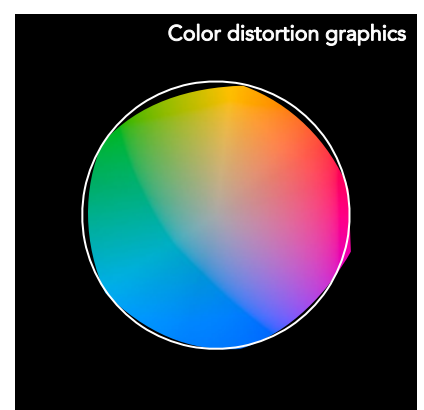
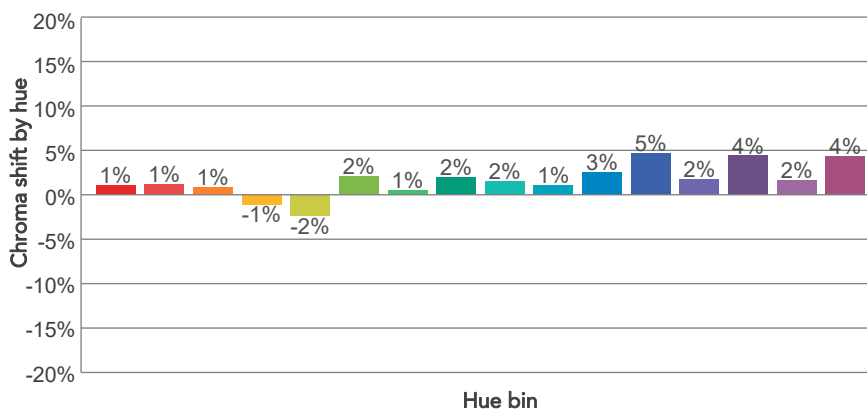
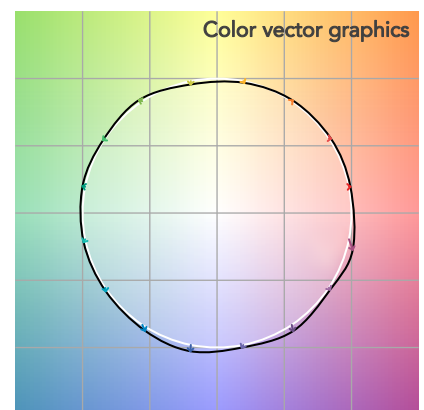
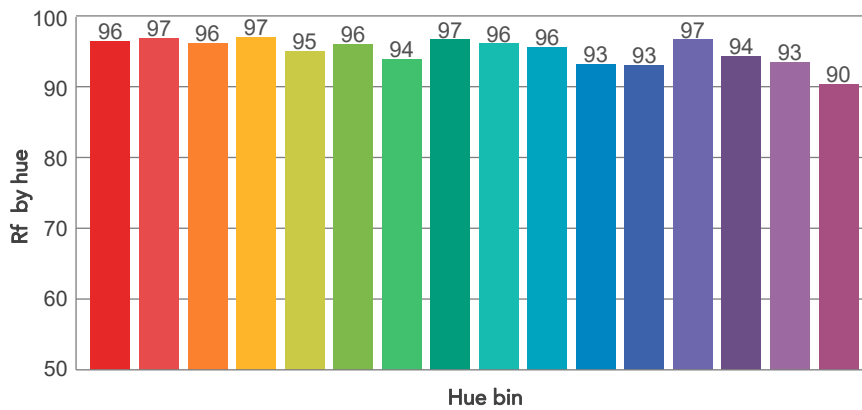
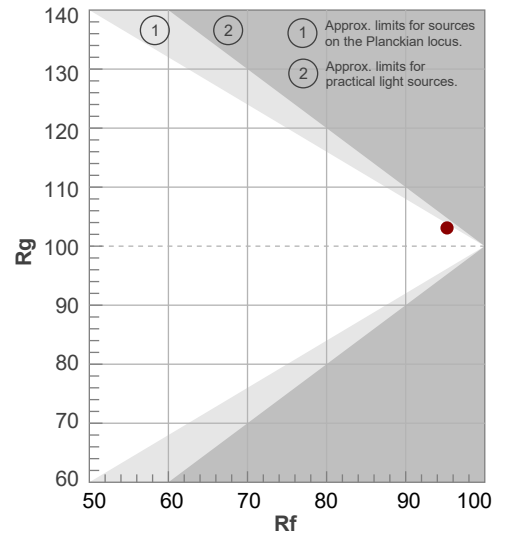
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3212 K	96,2	90,6	95,2	103,1	96,2	98	0,421	0,393	-0,0018

TM30 DETAILS

Rf 95,2
Fidelity index Rf

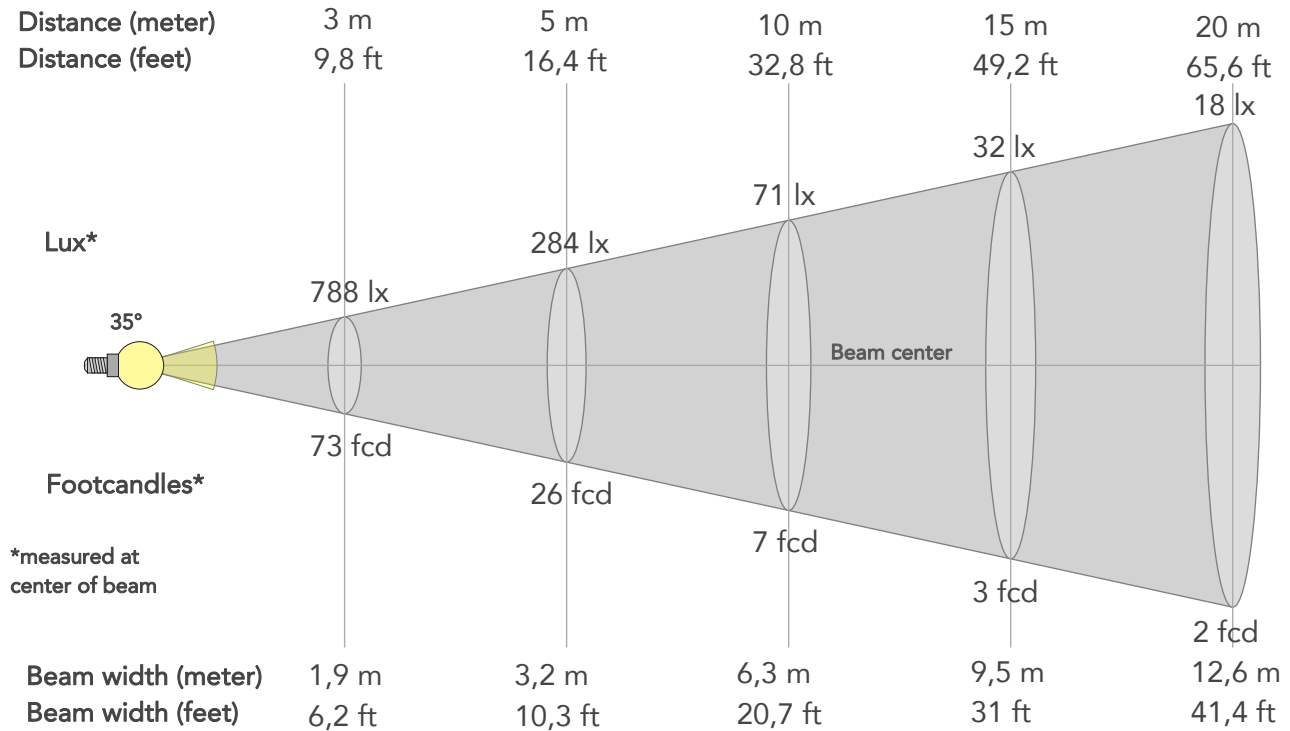
Rg 103,1
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	96	1%	0%
4	97	-1%	-1%
5	95	-2%	1%
6	96	2%	2%
7	94	1%	2%
8	97	2%	0%
9	96	2%	2%
10	96	1%	2%
11	93	3%	4%
12	93	5%	1%
13	97	2%	-1%
14	94	4%	-2%
15	93	2%	-1%
16	90	4%	-7%



BEAM DETAILS

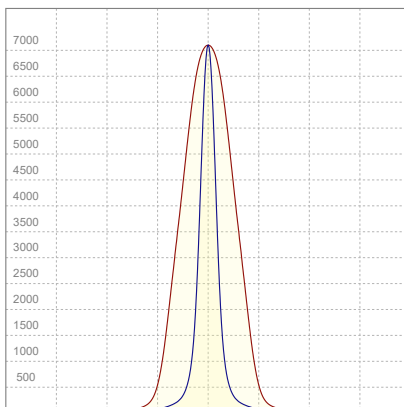
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35°	60°	84,1°	97,6%	92,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	7095lx	1774lx	788lx	443lx	284lx	126lx	71lx	32lx	18lx	11lx	8lx	4lx	3lx
Footcand.	659fcd	165fcd	73fcd	41fcd	26fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,7m	6,3m	9,5m	12,6m	15,8m	18,9m	25,2m	31,5m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,3ft	15,5ft	20,7ft	31ft	41,4ft	51,7ft	62ft	82,7ft	103,4ft

LINEAR DISTRIBUTION DIAGRAM

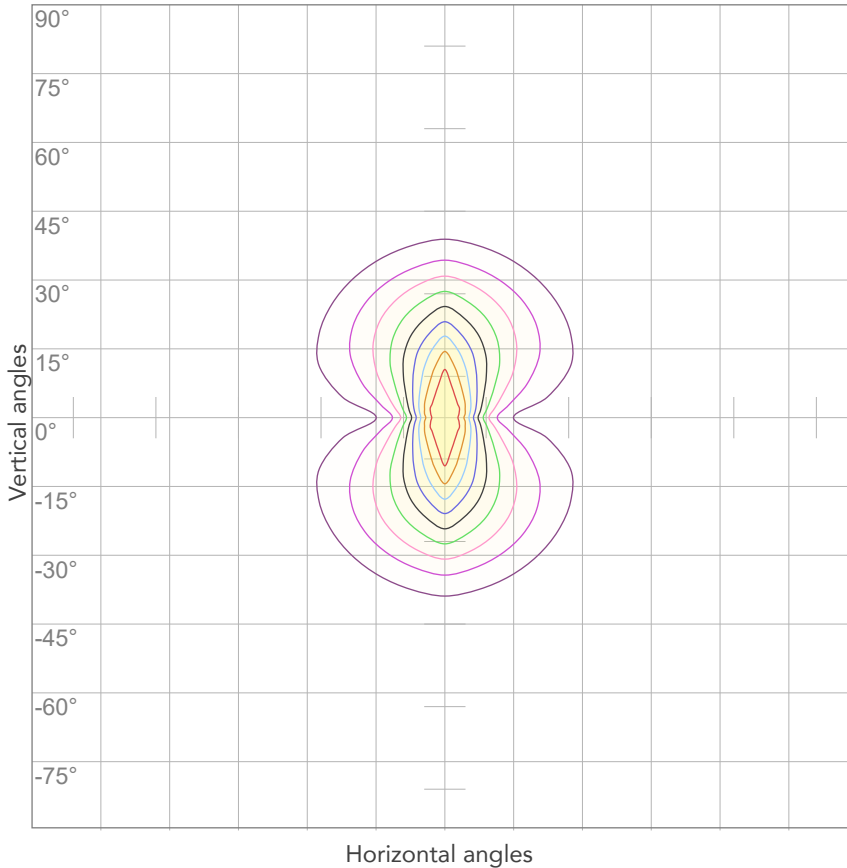


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
230V	0,277A	60,7W	0,95	58lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



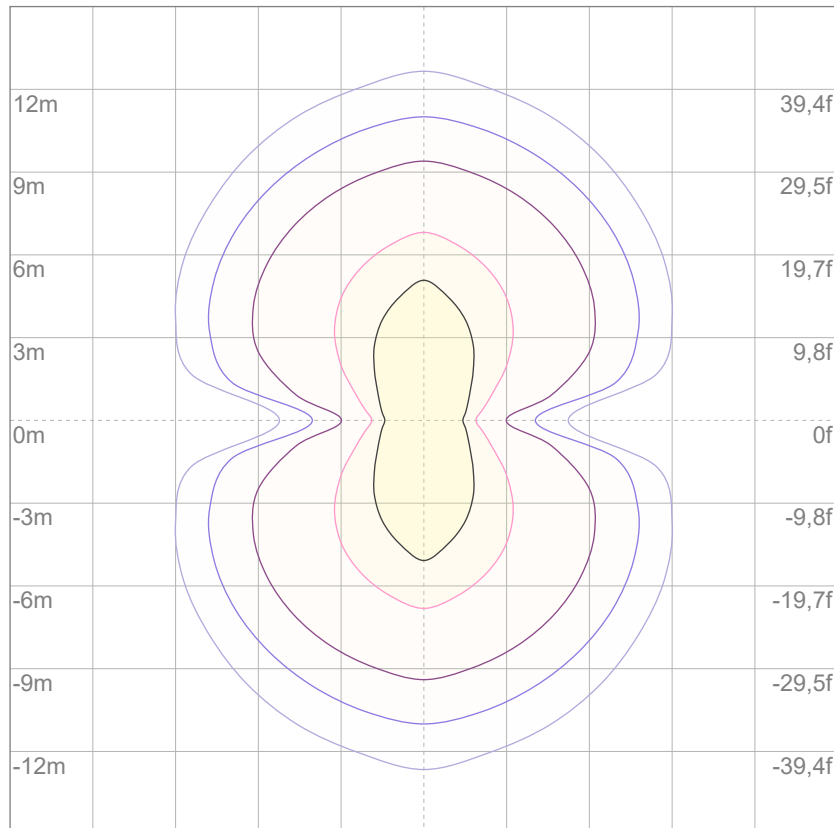
10%	710 cd
20%	1419 cd
30%	2129 cd
40%	2838 cd
50%	3548 cd
60%	4257 cd
70%	4967 cd
80%	5676 cd

Conditions:

Number of c-planes: 4

Candela at center: 7095 cd

ISO LUX DIAGRAM



3%	2,13 lx
5%	3,55 lx
10%	7,10 lx
30%	21,3 lx
50%	35,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 71,0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2138 lm

Peak candela output:

3023 cd

Light quality:

CRI: 96,0

Color temperature:

3214 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
30°x60° Filter

Target:

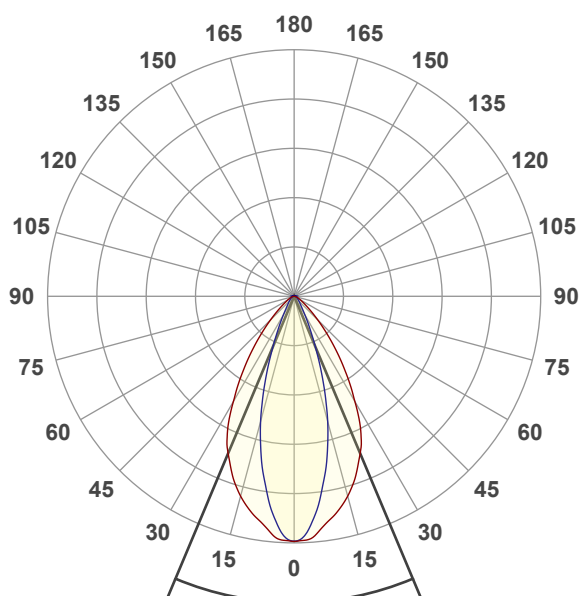
3200K

Operator:

Giuseppe della Peruta

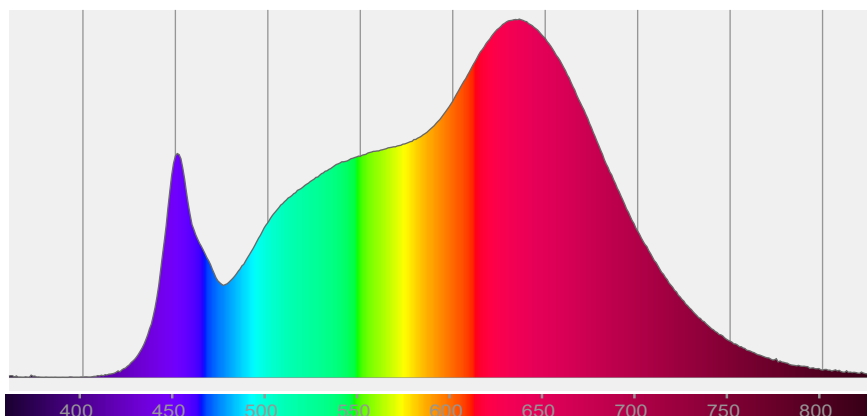
Date and time:

05/08/2025 15:27:14

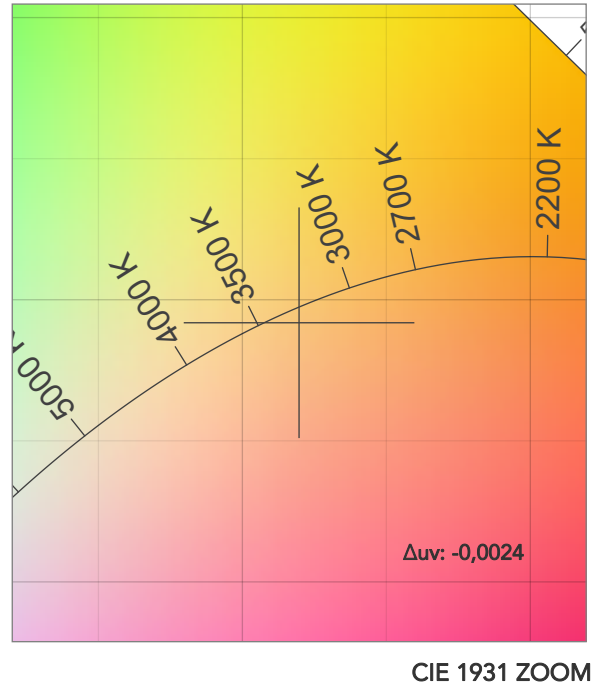
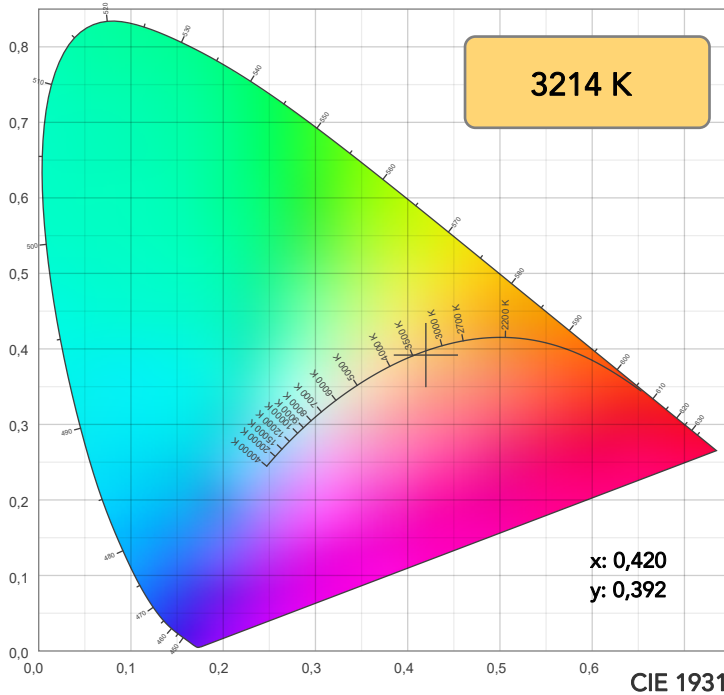


	Blue curve V	Red curve H
Beam angle 50%:	31,4°	59,8°
Field angle 10%:	58,1°	95,6°
Cut off angle 2.5%:	93,5°	124,5°

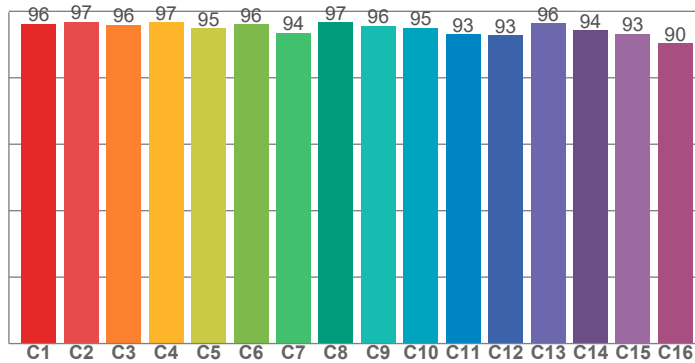
Spectra



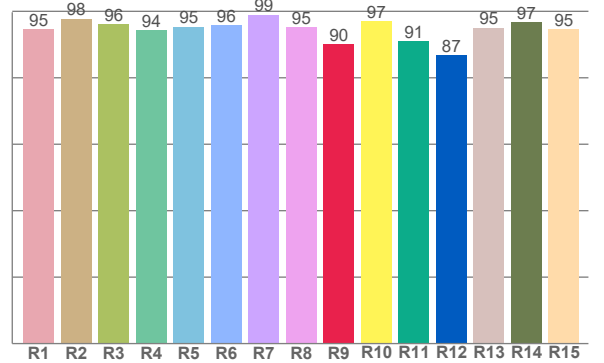
COLOR DETAILS



TM30: 95,1



CRI: 96,0 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,6	97,8	96,2	94,3	95,4	95,8	99,0	95,3	90,2	97,0	91,0	86,7	95,1	96,8	94,5

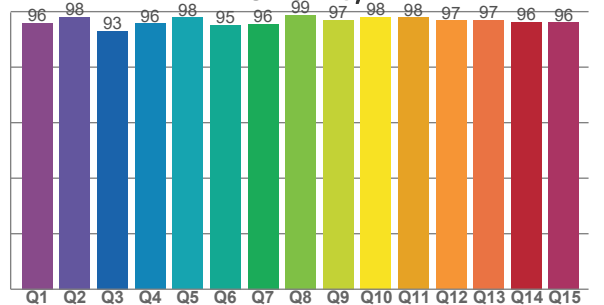
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,3	96,8	95,9	96,7	94,8	96,1	93,5	96,7	95,7	95,0	93,1	92,9	96,5	94,2	93,3	90,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,9	98,1	93,1	95,8	97,9	95,2	95,6	98,7	97,0	98,0	97,9	96,8	96,9	96,3	96,1

CQS: 96,2



COLOR PARAMETERS

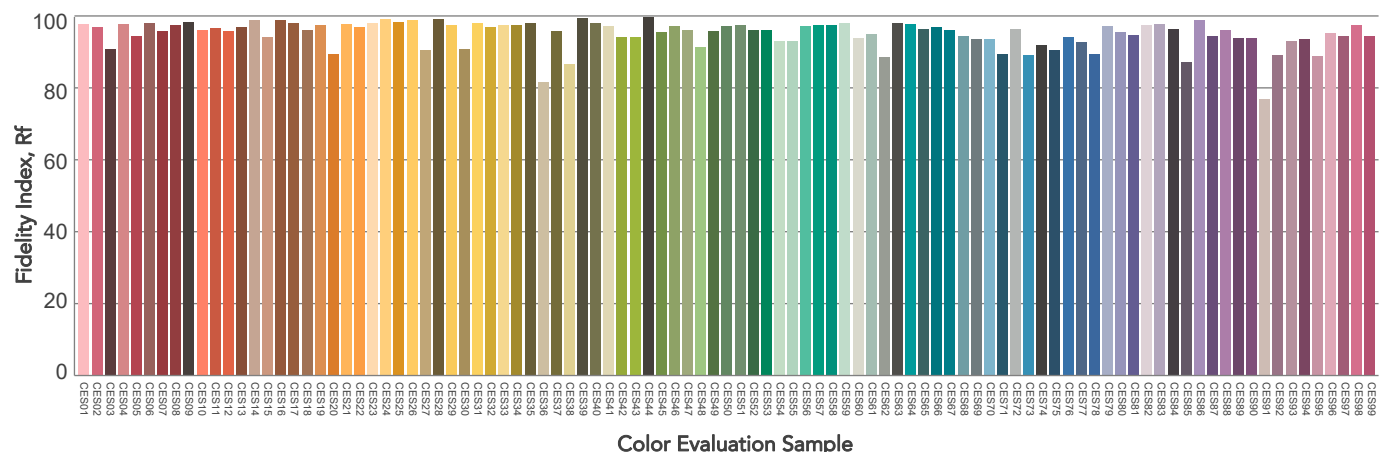
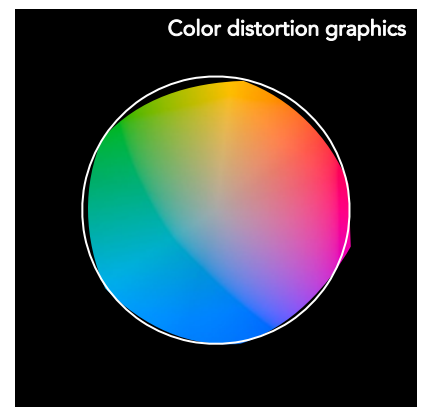
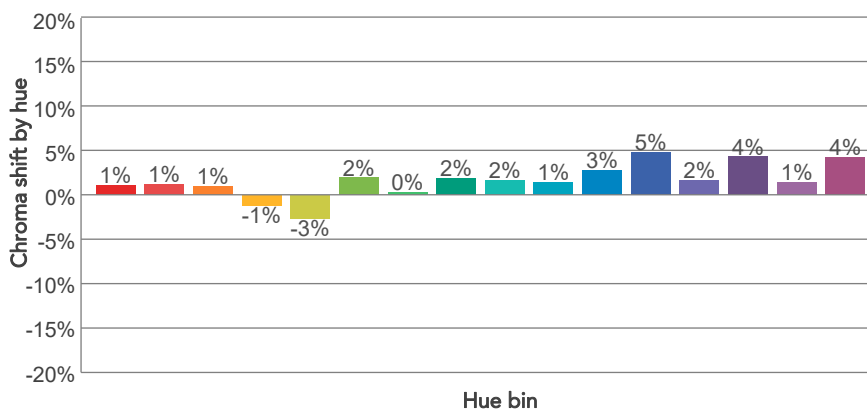
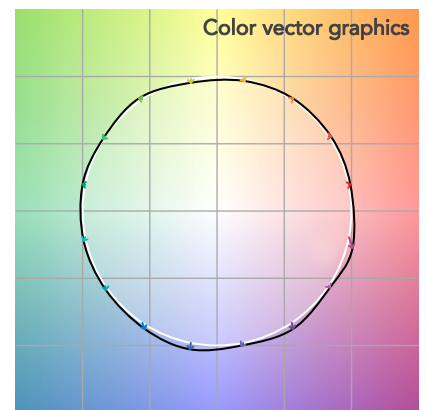
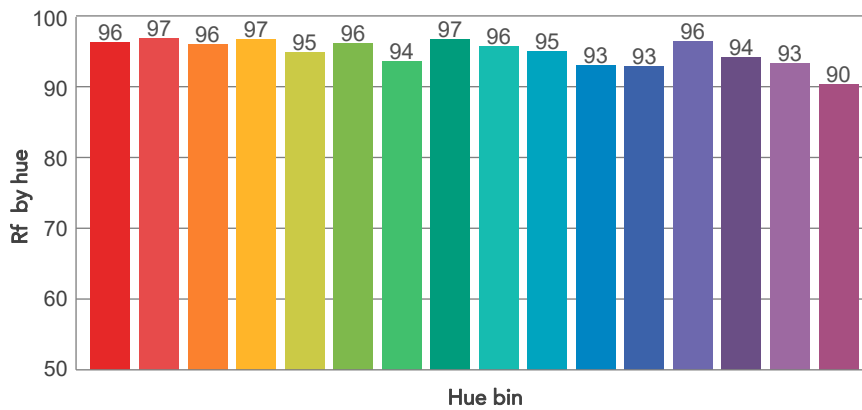
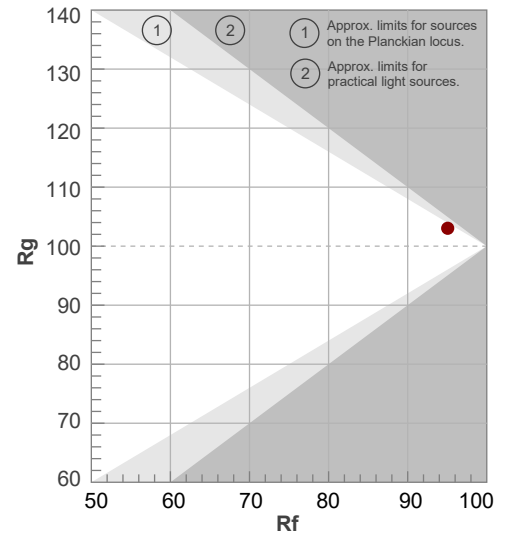
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3214 K	96,0	90,2	95,1	103,0	96,2	98	0,420	0,392	-0,0024

TM30 DETAILS

Rf 95,1
Fidelity index Rf

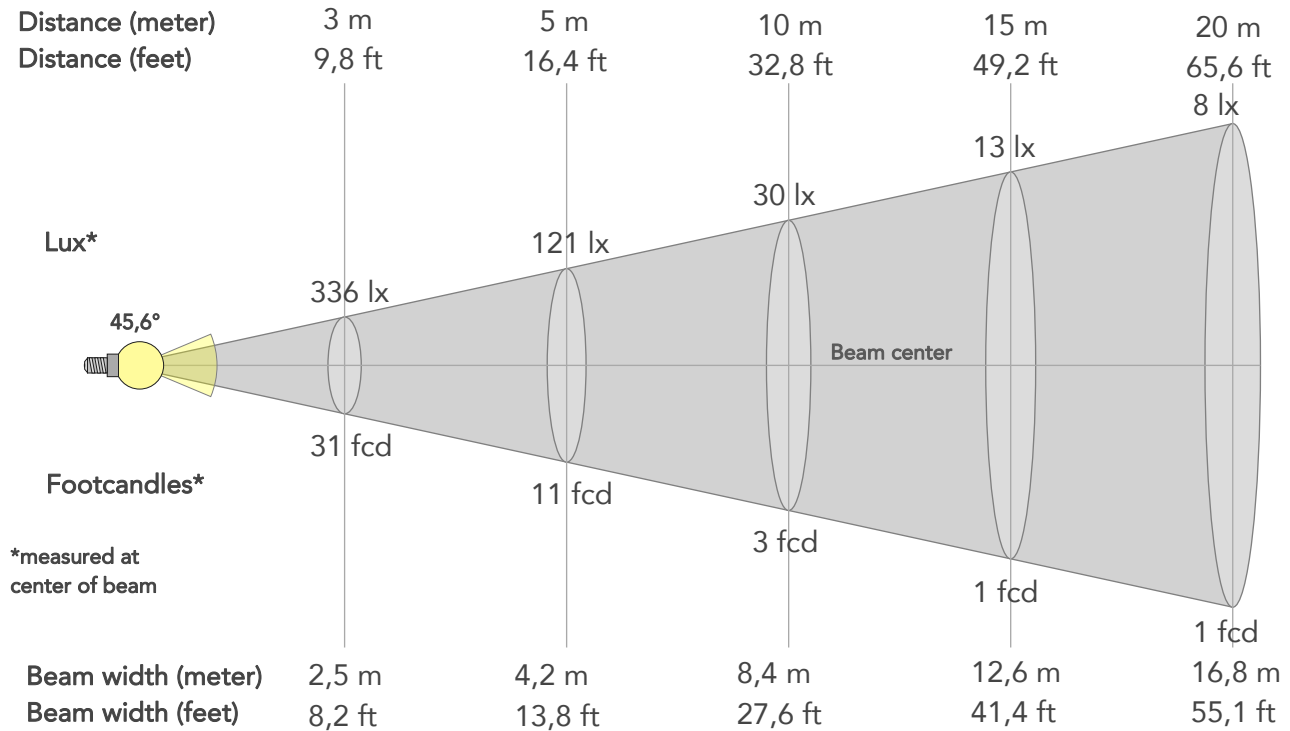
Rg 103,0
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	97	1%	-1%
3	96	1%	0%
4	97	-1%	-1%
5	95	-3%	0%
6	96	2%	2%
7	94	0%	2%
8	97	2%	0%
9	96	2%	2%
10	95	1%	3%
11	93	3%	4%
12	93	5%	0%
13	96	2%	-2%
14	94	4%	-2%
15	93	1%	-1%
16	90	4%	-7%



BEAM DETAILS

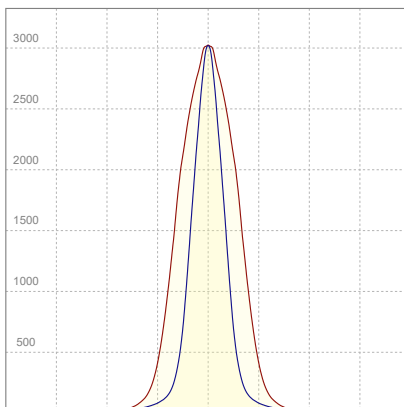
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,6°	76,8°	109°	96,5%	88,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	3020lx	755lx	336lx	189lx	121lx	54lx	30lx	13lx	8lx	5lx	3lx	2lx	1lx
Footcand.	281fcd	70fcd	31fcd	18fcd	11fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,4m	4,2m	6,3m	8,4m	12,6m	16,8m	21m	25,2m	33,6m	42m
Beam wid.	2,8ft	5,5ft	8,2ft	11ft	13,8ft	20,7ft	27,6ft	41,4ft	55,1ft	68,9ft	82,7ft	110,3ft	137,8ft

LINEAR DISTRIBUTION DIAGRAM

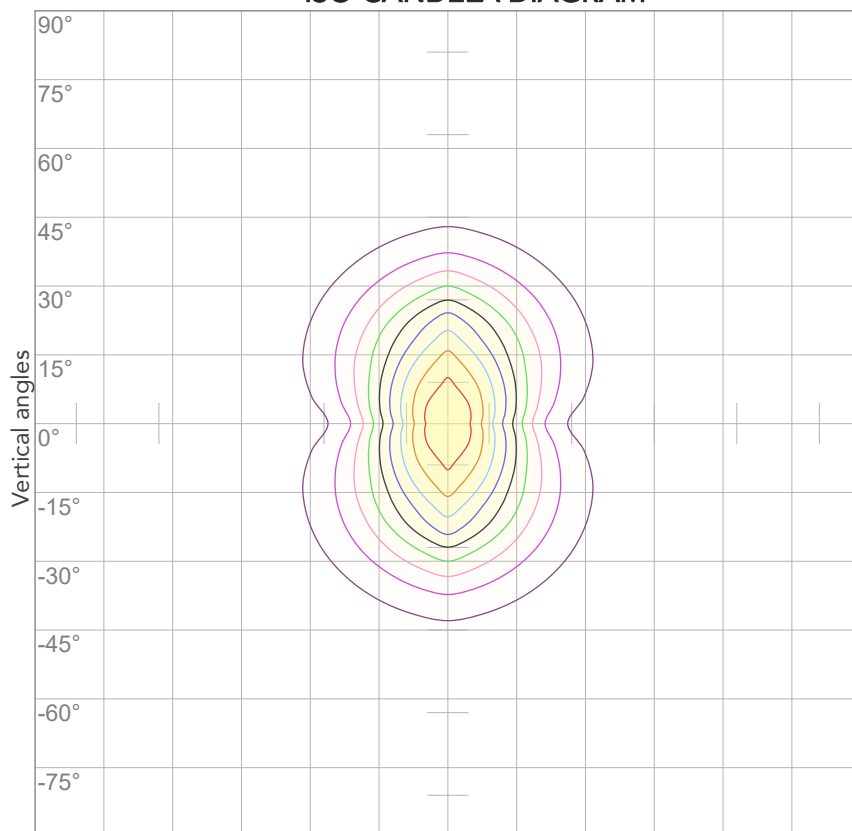


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,240A	51,3W	0,94	42lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



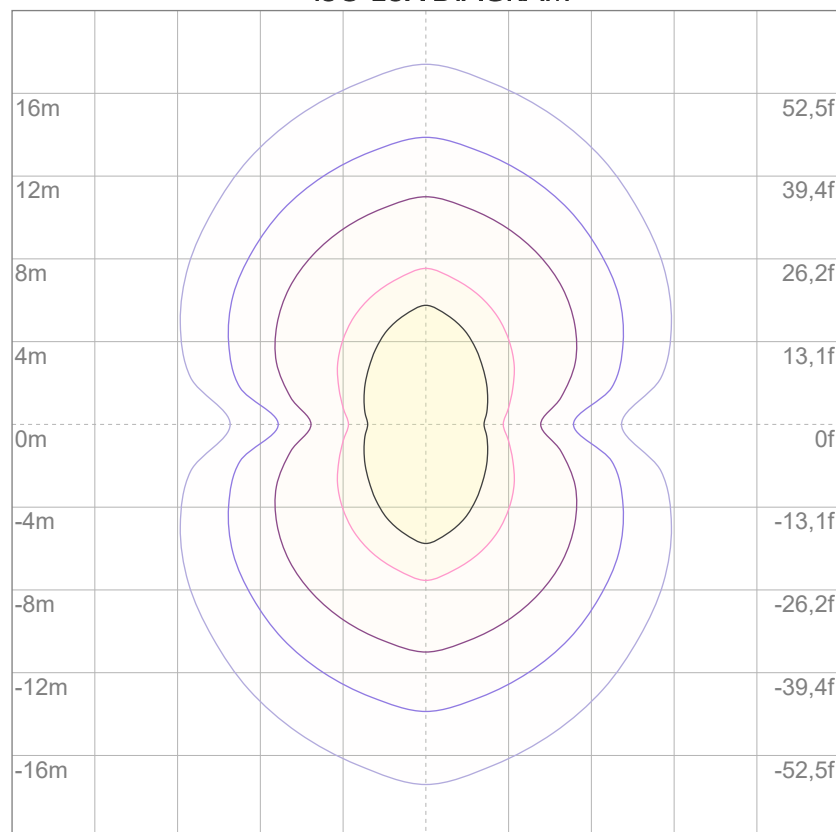
10%	302 cd
20%	604 cd
30%	906 cd
40%	1208 cd
50%	1510 cd
60%	1812 cd
70%	2114 cd
80%	2416 cd

Conditions:

Number of c-planes: 4

Candela at center: 3020 cd

ISO LUX DIAGRAM



3%	0,906 lx
5%	1,51 lx
10%	3,02 lx
30%	9,06 lx
50%	15,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 30,2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3078 lm

Peak candela output:

41754 cd

Light quality:

CRI: 96,2

Color temperature:

4001 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Narrow Lens

Target:

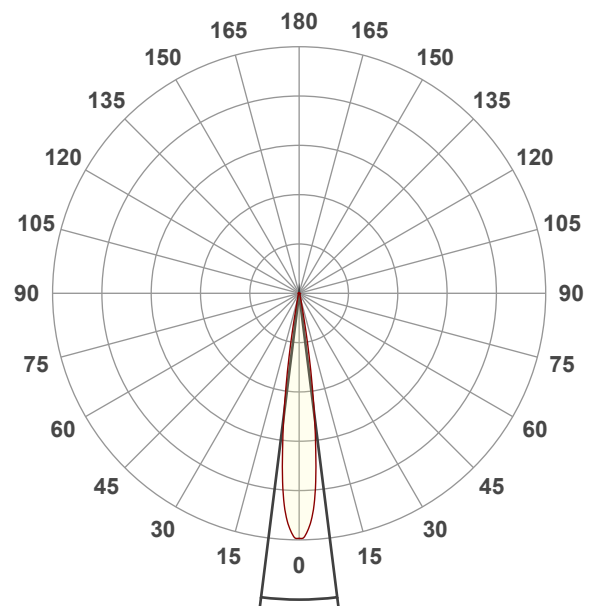
4000K

Operator:

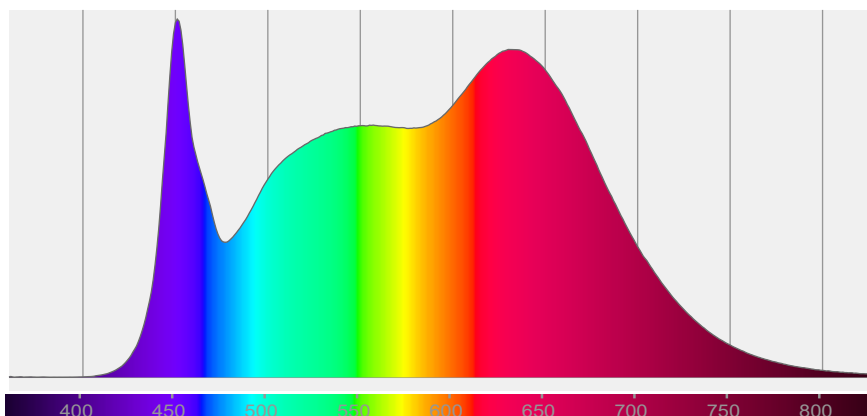
Giuseppe della Peruta

Date and time:

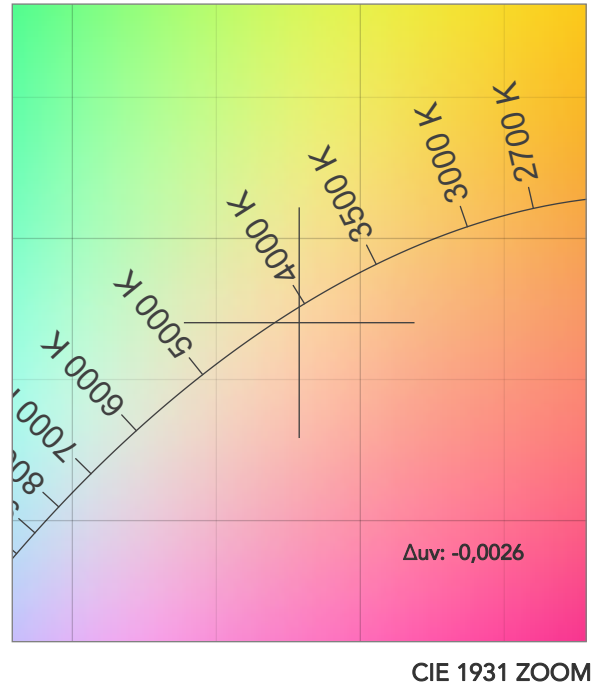
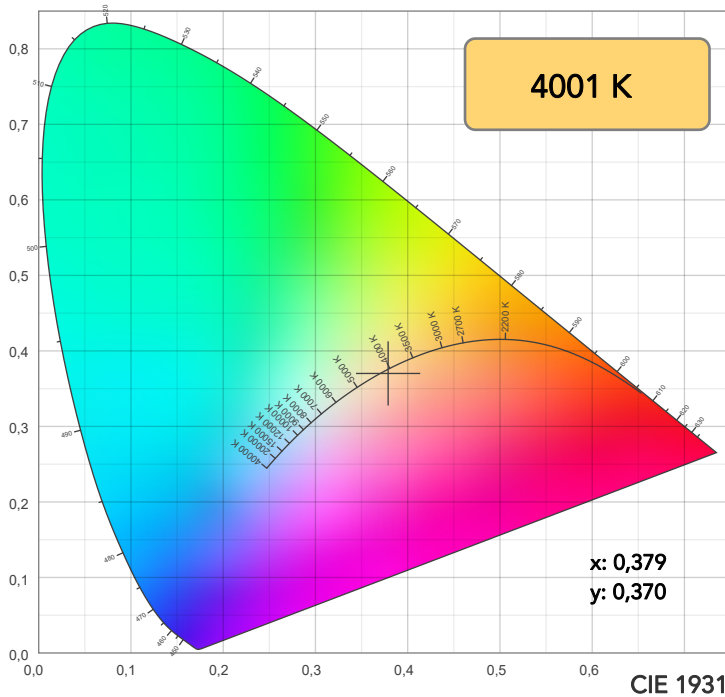
01/08/2025 13:34:15



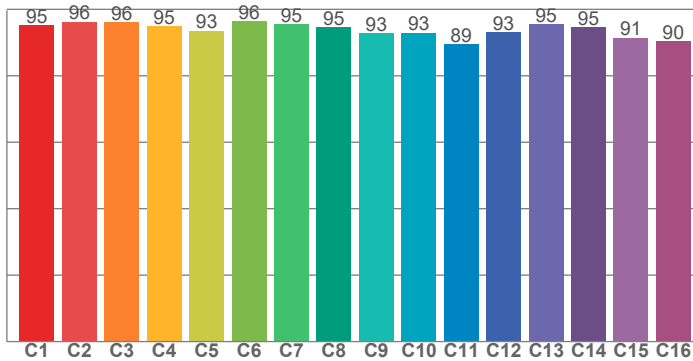
Spectra



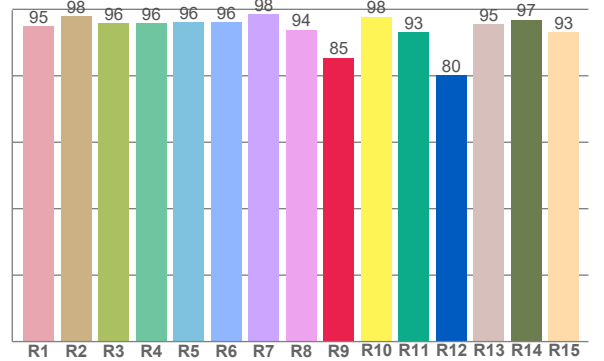
COLOR DETAILS



TM30: 93,8



CRI: 96,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,8	98,1	95,8	95,8	96,2	96,2	98,5	93,9	85,4	97,8	93,0	80,2	95,4	96,9	93,1

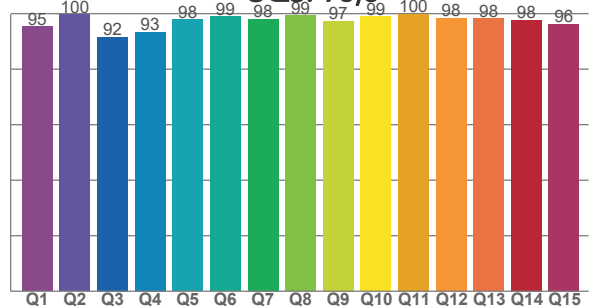
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,2	96,2	96,1	95,0	93,5	96,5	95,5	94,5	92,7	92,9	89,5	93,0	95,5	94,5	91,4	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,3	99,7	91,6	93,4	97,9	98,9	98,0	99,4	97,4	98,9	99,8	98,4	98,2	97,6	96,3

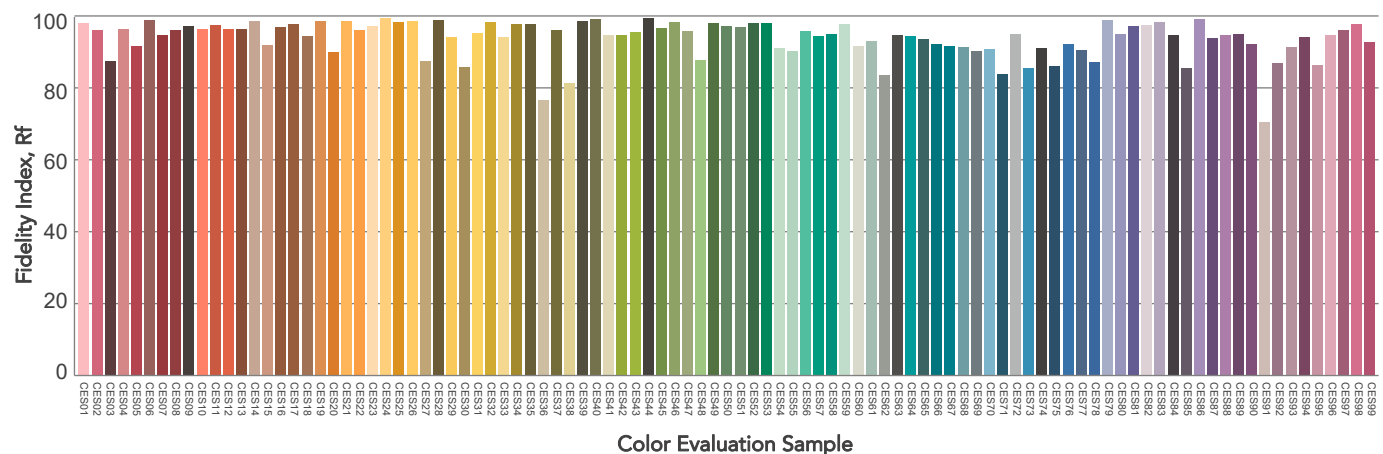
CQS: 96,6



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4001 K	96,2	85,4	93,8	102,1	96,6	99	0,379	0,370	-0,0026

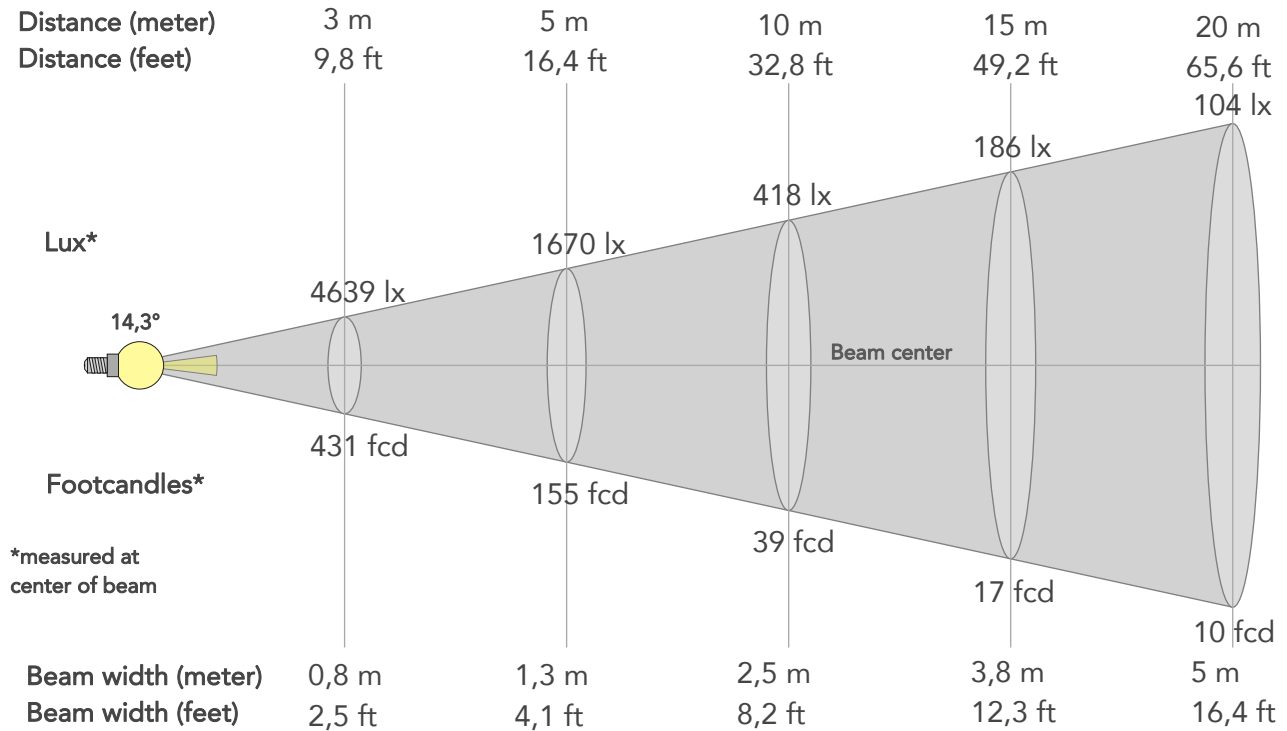
Gammut index



BEAM DETAILS



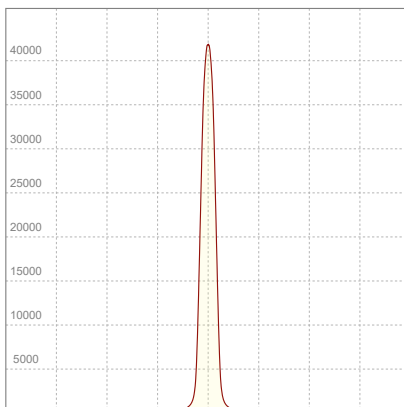
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,3°	21,9°	30,8°	97,7%	94,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	41754lx	10438lx	4639lx	2610lx	1670lx	742lx	418lx	186lx	104lx	67lx	46lx	26lx	17lx
Footcand.	3879fcd	970fcd	431fcd	242fcd	155fcd	69fcd	39fcd	17fcd	10fcd	6fcd	4fcd	2fcd	2fcd
Beam wid.	0,3m	0,5m	0,8m	1m	1,3m	1,9m	2,5m	3,8m	5m	6,3m	7,5m	10m	12,5m
Beam wid.	0,8ft	1,7ft	2,5ft	3,3ft	4,1ft	6,2ft	8,2ft	12,3ft	16,4ft	20,5ft	24,7ft	32,9ft	41,1ft

LINEAR DISTRIBUTION DIAGRAM

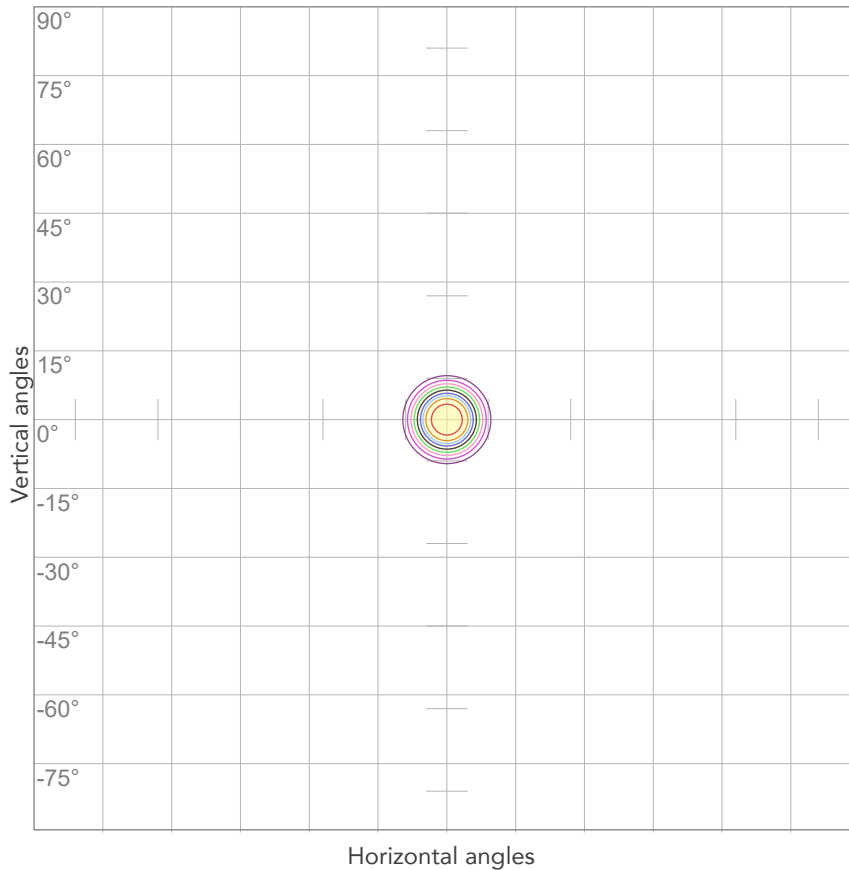


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,281A	60,8W	0,95	51lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



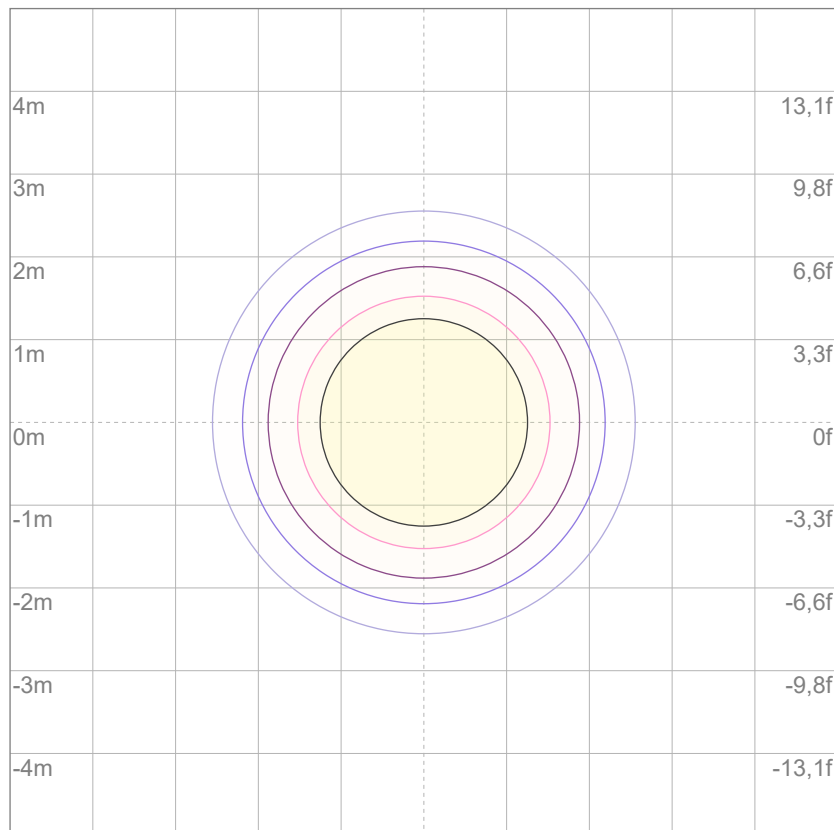
10%	4175 cd
20%	8351 cd
30%	12526 cd
40%	16702 cd
50%	20877 cd
60%	25052 cd
70%	29228 cd
80%	33403 cd

Conditions:

Number of c-planes: 2

Candela at center: 41754 cd

ISO LUX DIAGRAM



3%	12,5 lx
5%	20,9 lx
10%	41,8 lx
30%	125 lx
50%	209 lx

Conditions:

Number of c-planes: 2

Lux at center: 418 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3074 lm

Peak candela output:

11270 cd

Light quality:

CRI: 96,2

Color temperature:

3998 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Medium Lens

Target:

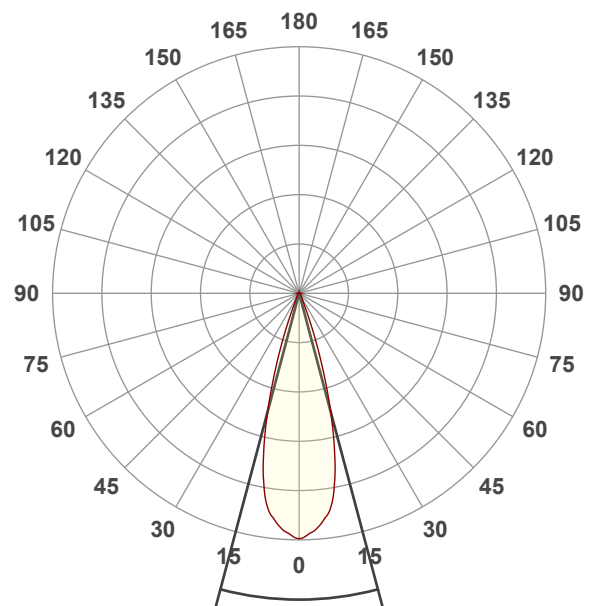
4000K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 16:25:36

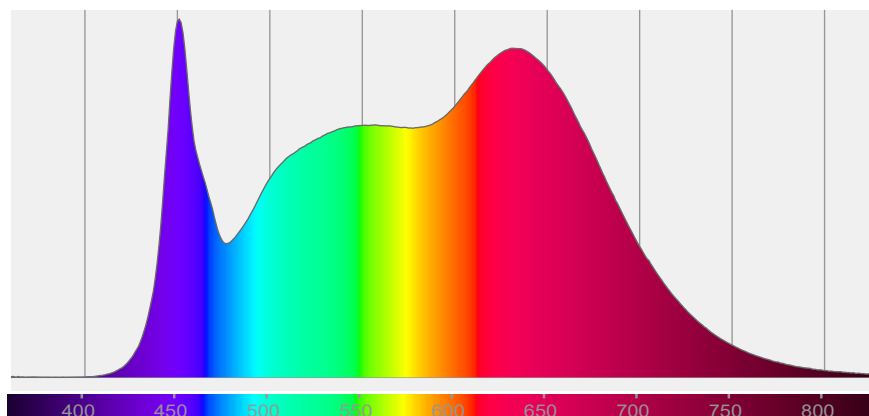


Beam angle 50%: 29,8°

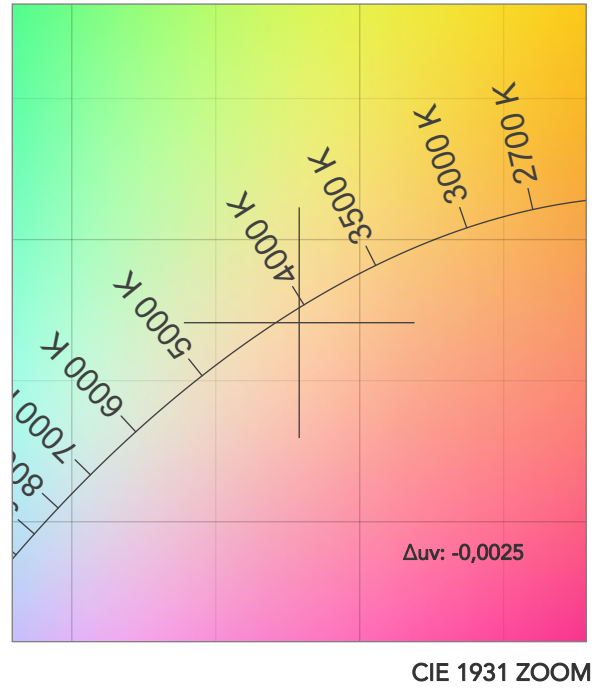
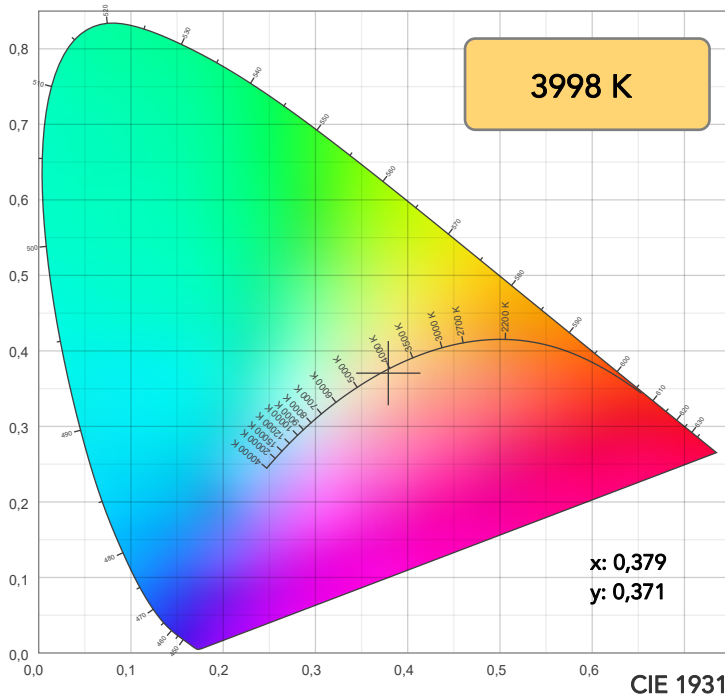
Field angle 10%: 43,3°

Cut off angle 2.5%: 59,1°

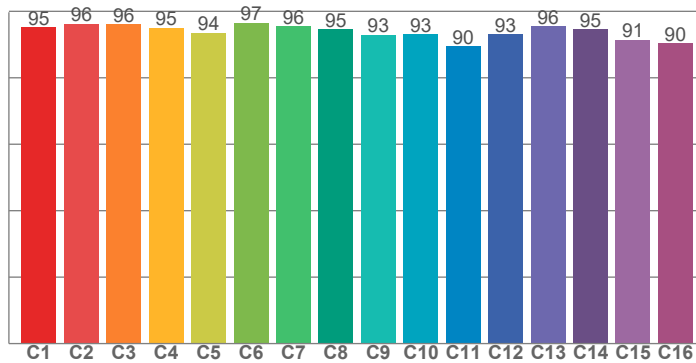
Spectra



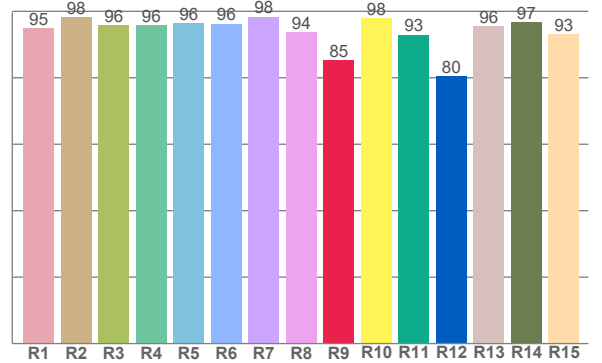
COLOR DETAILS



TM30: 93,9



CRI: 96,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,9	98,2	95,7	95,8	96,3	96,3	98,4	93,8	85,4	98,0	93,0	80,4	95,6	96,8	93,2

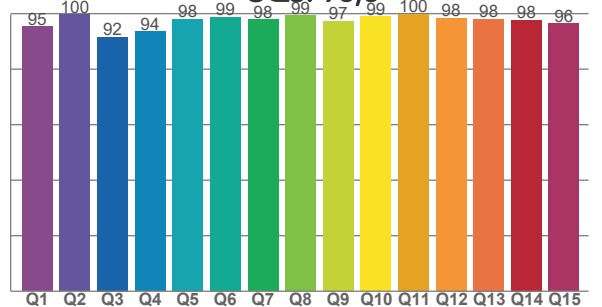
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,2	96,2	96,1	95,1	93,6	96,5	95,5	94,6	92,9	93,1	89,5	93,0	95,5	94,5	91,4	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,4	99,7	91,6	93,6	98,1	98,8	98,0	99,4	97,4	98,9	99,8	98,4	98,1	97,7	96,4

CQS: 96,6



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3998 K	96,2	85,4	93,9	102,2	96,6	99	0,379	0,371	-0,0025

TM30 DETAILS

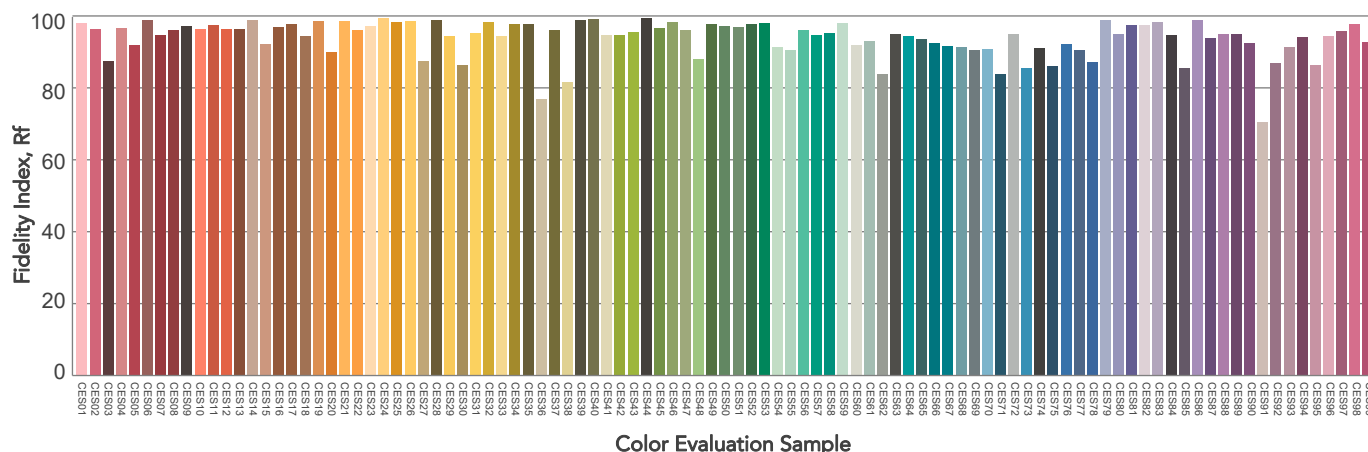
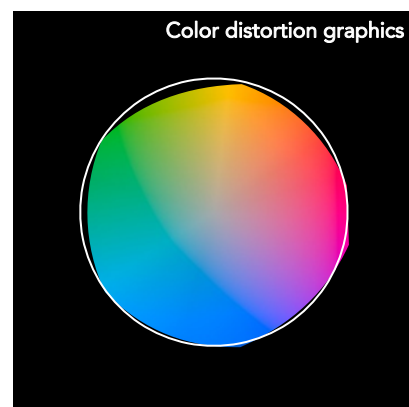
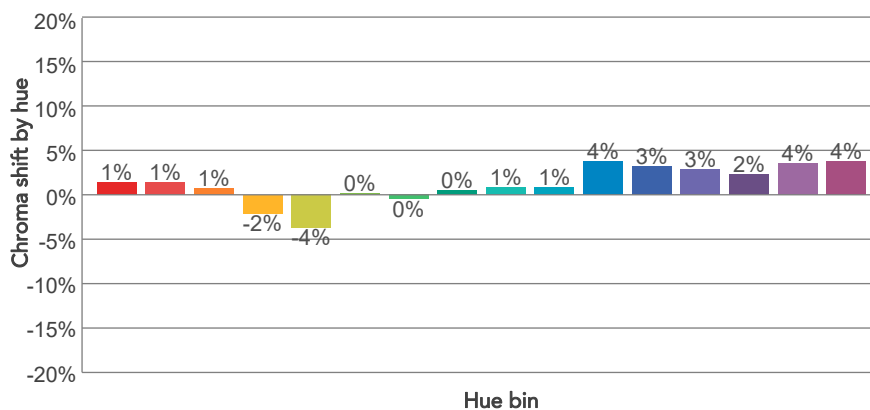
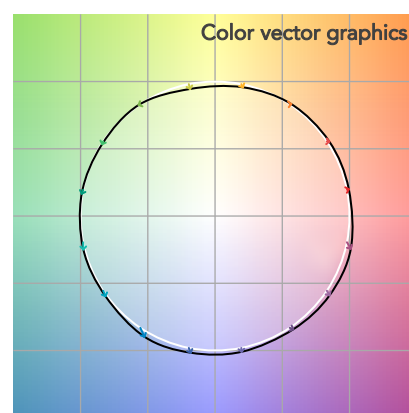
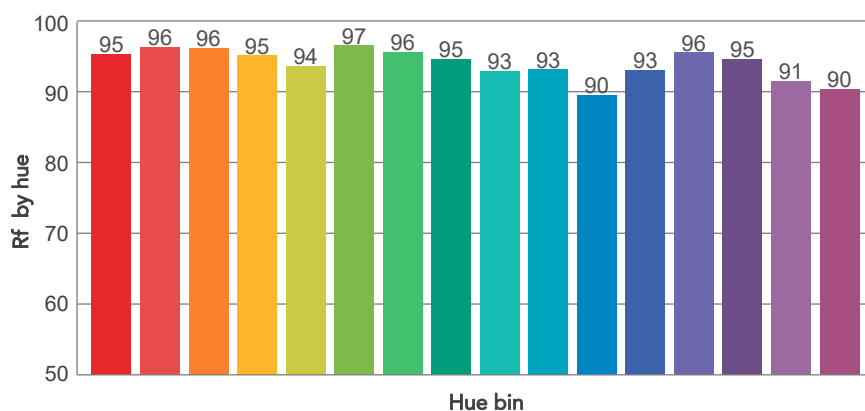
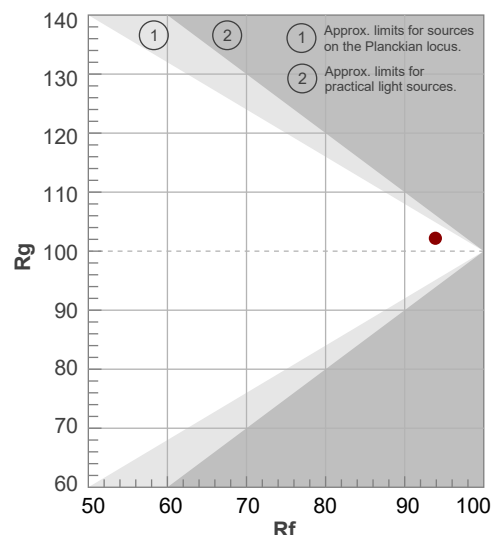
Rf 93,9

Fidelity index Rf

Rg 102,2

Gammut index

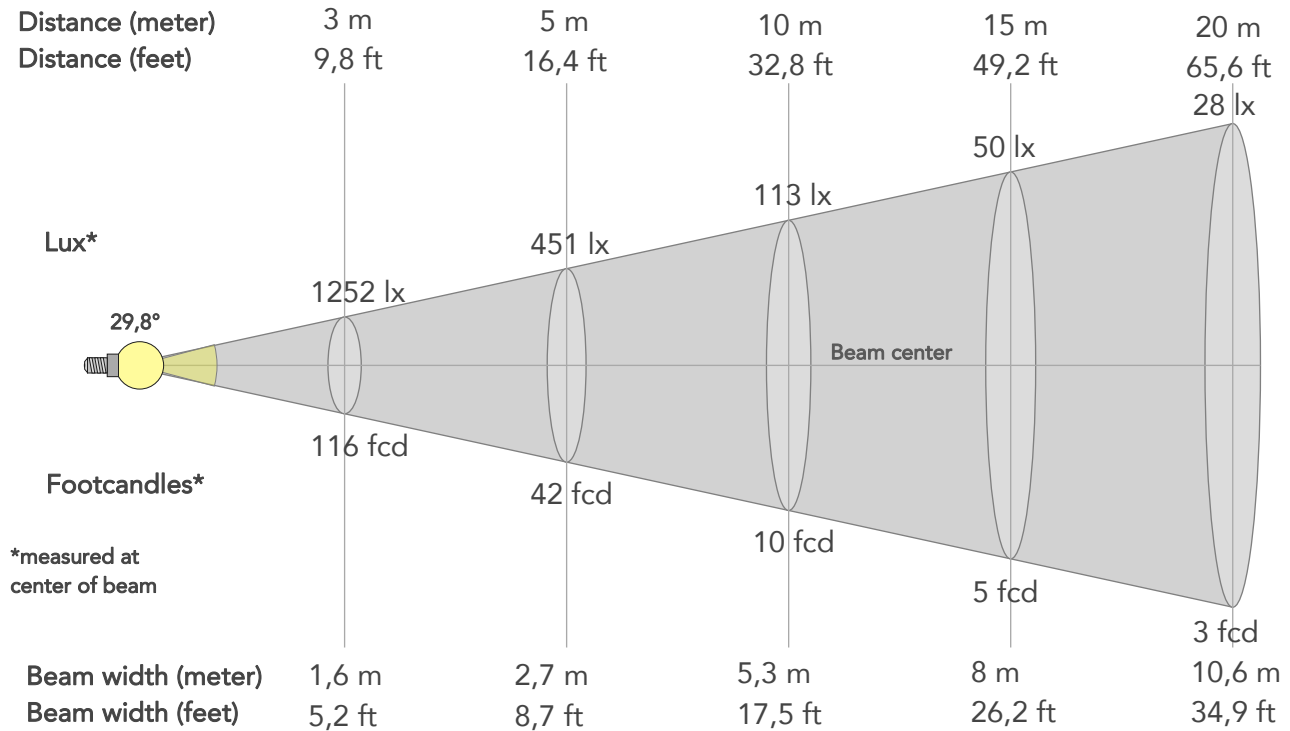
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	0%
2	96	1%	-1%
3	96	1%	-1%
4	95	-2%	-2%
5	94	-4%	0%
6	97	0%	1%
7	96	0%	2%
8	95	0%	3%
9	93	1%	5%
10	93	1%	4%
11	90	4%	6%
12	93	3%	2%
13	96	3%	0%
14	95	2%	2%
15	91	4%	-2%
16	90	4%	-4%



BEAM DETAILS



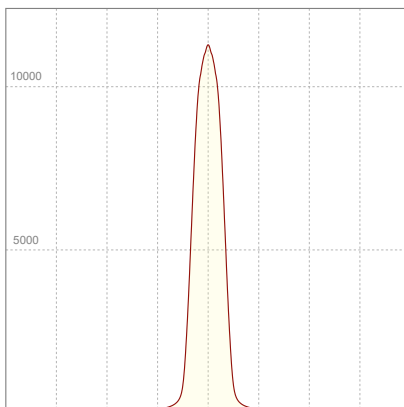
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,8°	43,3°	59,1°	97,4%	94,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	11270lx	2817lx	1252lx	704lx	451lx	200lx	113lx	50lx	28lx	18lx	13lx	7lx	5lx
Footcand.	1047fcd	262fcd	116fcd	65fcd	42fcd	19fcd	10fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1,1m	1,6m	2,1m	2,7m	4m	5,3m	8m	10,6m	13,3m	16m	21,3m	26,6m
Beam wid.	1,8ft	3,5ft	5,2ft	7ft	8,7ft	13,1ft	17,5ft	26,2ft	34,9ft	43,6ft	52,4ft	69,8ft	87,3ft

LINEAR DISTRIBUTION DIAGRAM

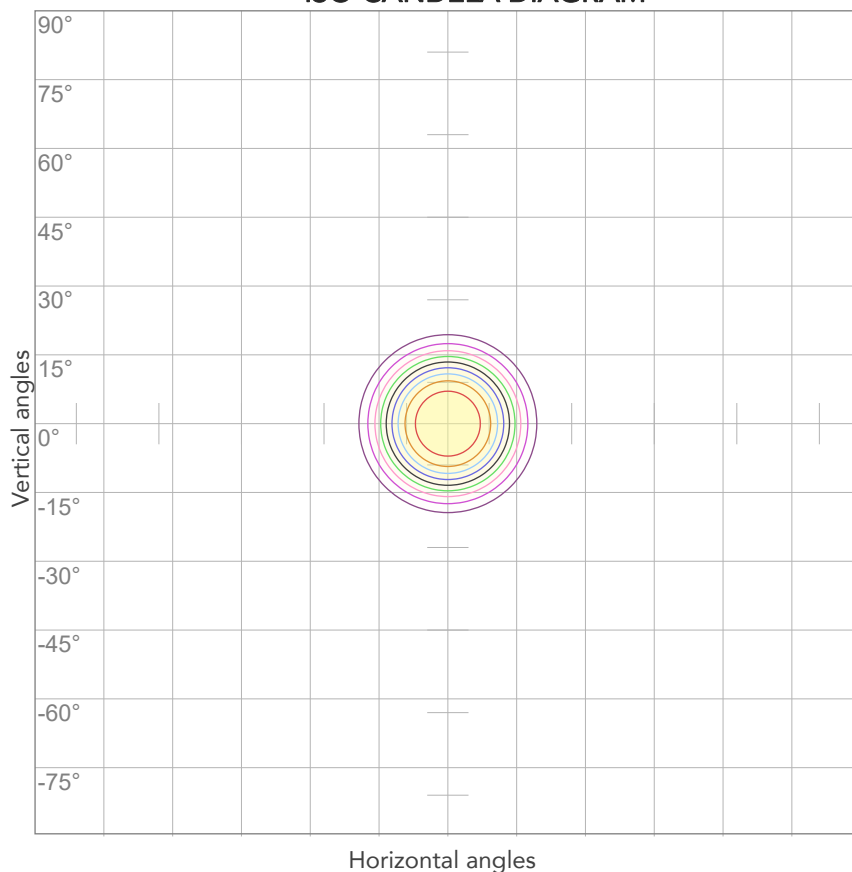


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,281A	61,1W	0,95	50lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



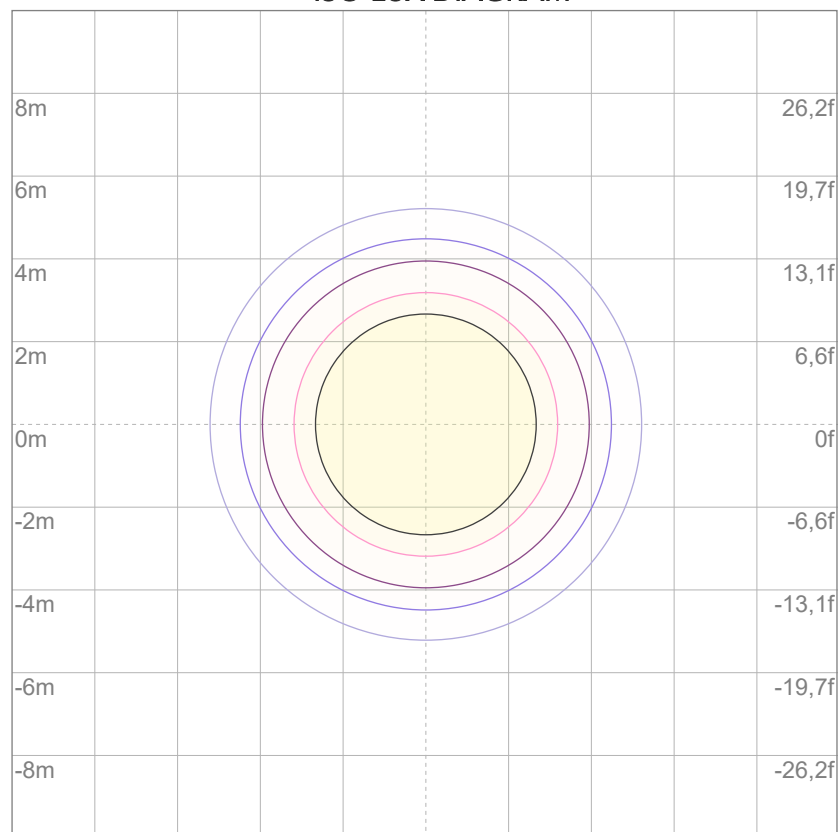
10%	1127 cd
20%	2254 cd
30%	3381 cd
40%	4508 cd
50%	5635 cd
60%	6762 cd
70%	7889 cd
80%	9016 cd

Conditions:

Number of c-planes: 2

Candela at center: 11270 cd

ISO LUX DIAGRAM



3%	3,38 lx
5%	5,63 lx
10%	11,3 lx
30%	33,8 lx
50%	56,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 113 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3034 lm

Peak candela output:

3916 cd

Light quality:

CRI: 96,2

Color temperature:

4021 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Wide Lens

Target:

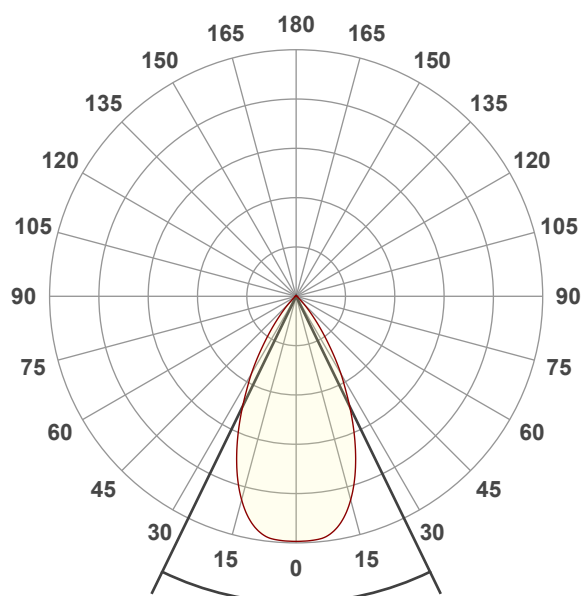
4000K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 17:24:03

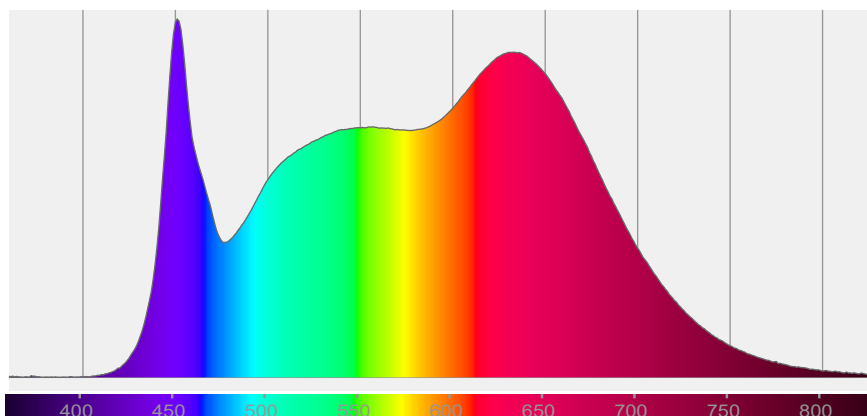


Beam angle 50%: 51,8°

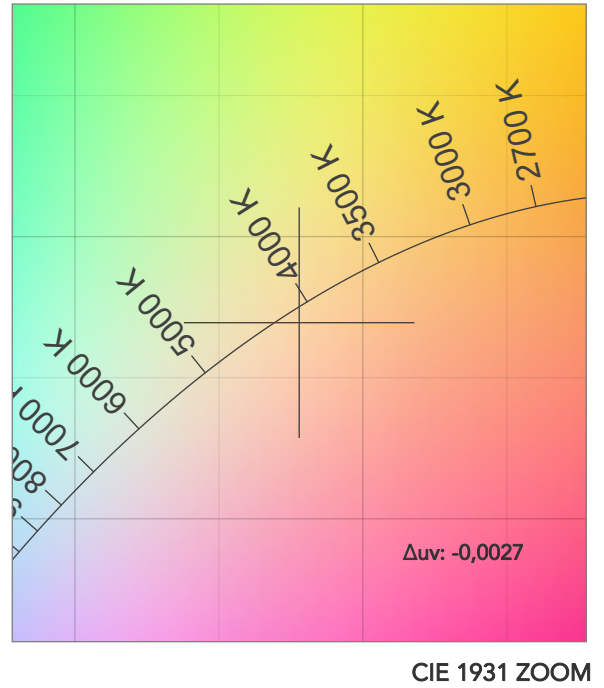
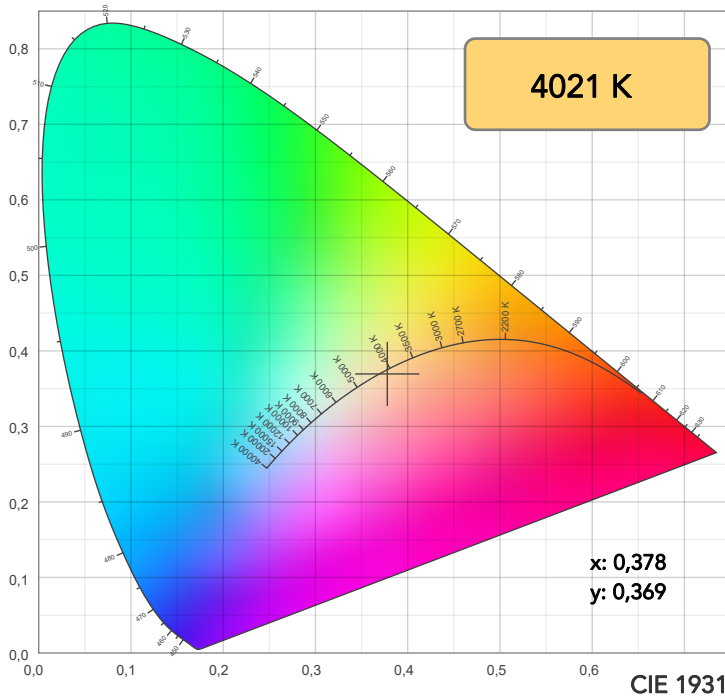
Field angle 10%: 80,8°

Cut off angle 2.5%: 97,2°

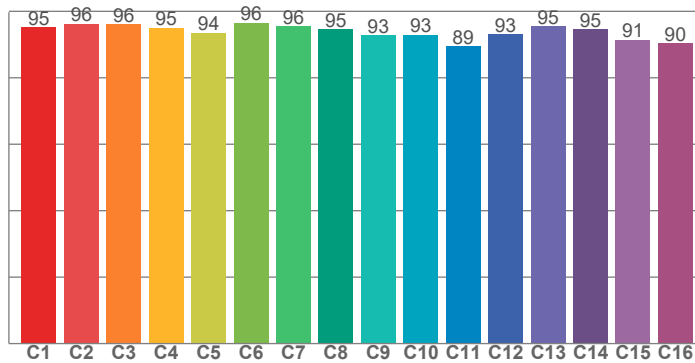
Spectra



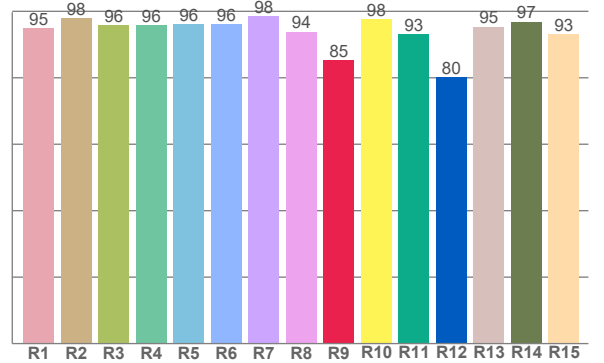
COLOR DETAILS



TM30: 93,8



CRI: 96,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,8	98,0	95,9	95,8	96,2	96,1	98,5	93,9	85,3	97,7	93,0	80,2	95,4	96,9	93,1

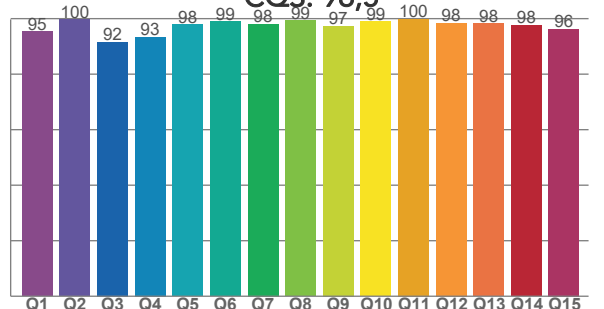
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,2	96,2	96,1	95,0	93,5	96,5	95,5	94,5	92,7	92,9	89,4	93,0	95,5	94,5	91,4	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,3	99,7	91,6	93,4	97,9	99,0	98,0	99,4	97,4	98,9	99,8	98,4	98,2	97,6	96,3

CQS: 96,5



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4021 K	96,2	85,3	93,8	102,1	96,5	99	0,378	0,369	-0,0027

TM30 DETAILS

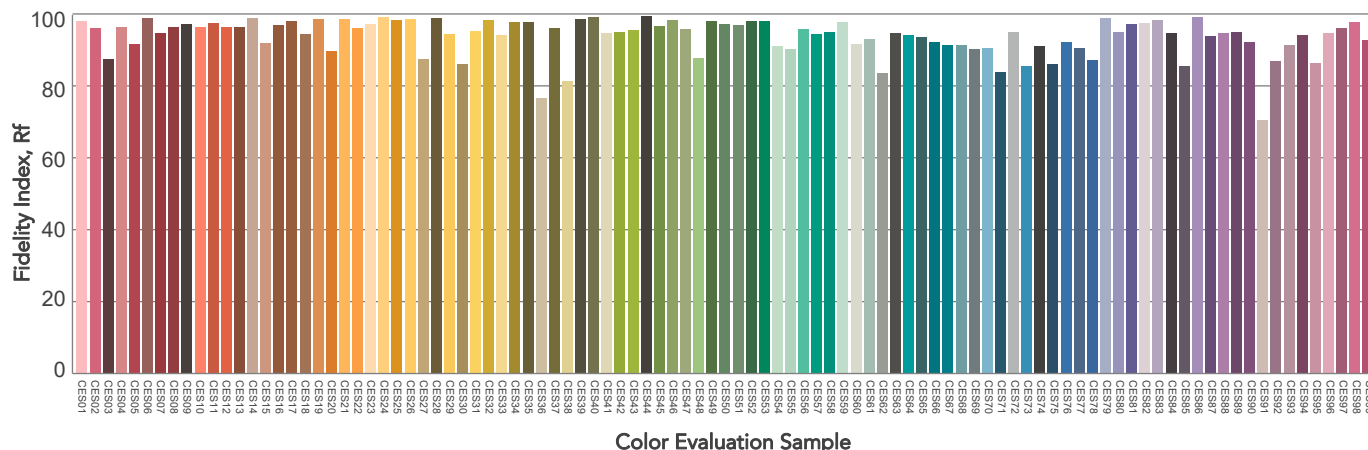
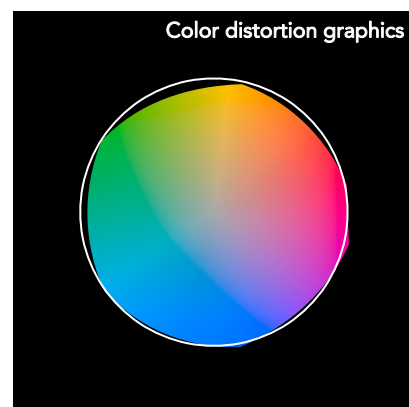
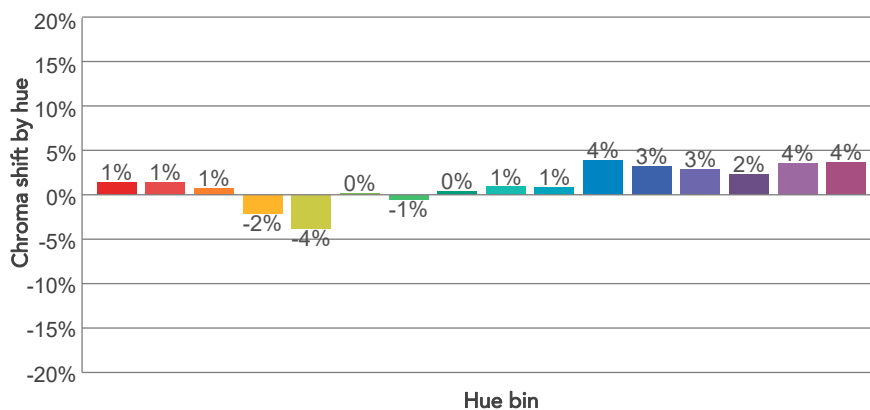
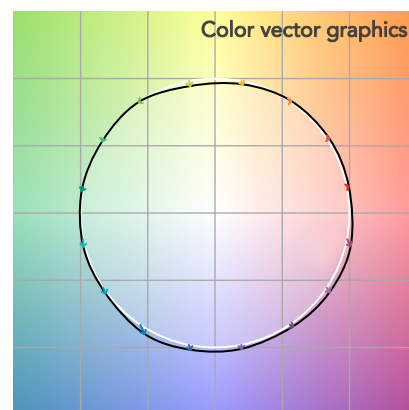
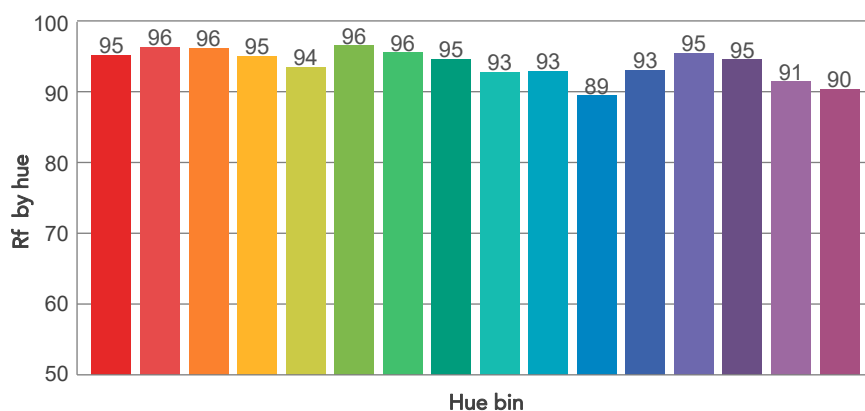
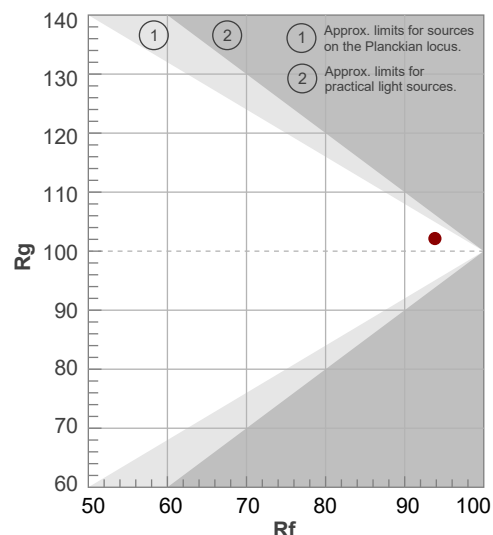
Rf 93,8

Fidelity index Rf

Rg 102,1

Gammut index

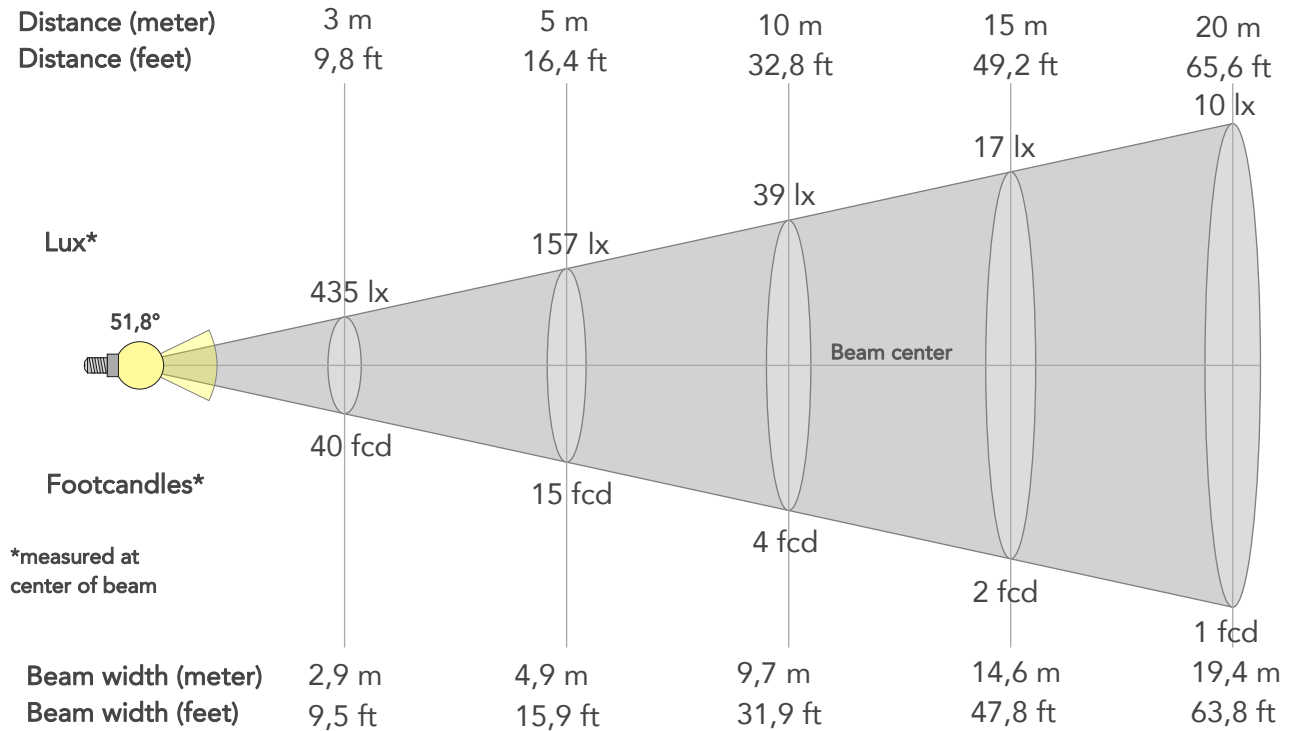
		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	95	1%	0%
2	96	1%	-1%
3	96	1%	-1%
4	95	-2%	-2%
5	94	-4%	0%
6	96	0%	1%
7	96	-1%	2%
8	95	0%	3%
9	93	1%	5%
10	93	1%	4%
11	89	4%	6%
12	93	3%	2%
13	95	3%	0%
14	95	2%	2%
15	91	4%	-2%
16	90	4%	-4%



BEAM DETAILS



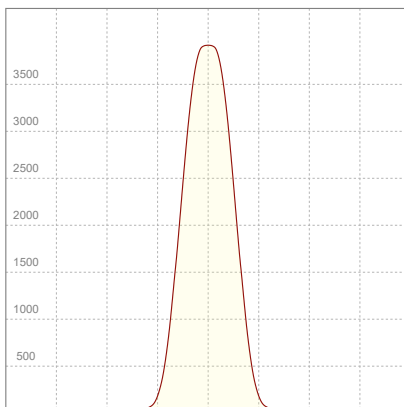
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
51,8°	80,8°	97,2°	98,3%	95,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	3916lx	979lx	435lx	245lx	157lx	70lx	39lx	17lx	10lx	6lx	4lx	2lx	2lx
Footcand.	364fcd	91fcd	40fcd	23fcd	15fcd	6fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	1,9m	2,9m	3,9m	4,9m	7,3m	9,7m	14,6m	19,4m	24,3m	29,2m	38,9m	48,6m
Beam wid.	3,2ft	6,4ft	9,5ft	12,7ft	15,9ft	23,9ft	31,9ft	47,8ft	63,8ft	79,7ft	95,6ft	127,5ft	159,4ft

LINEAR DISTRIBUTION DIAGRAM

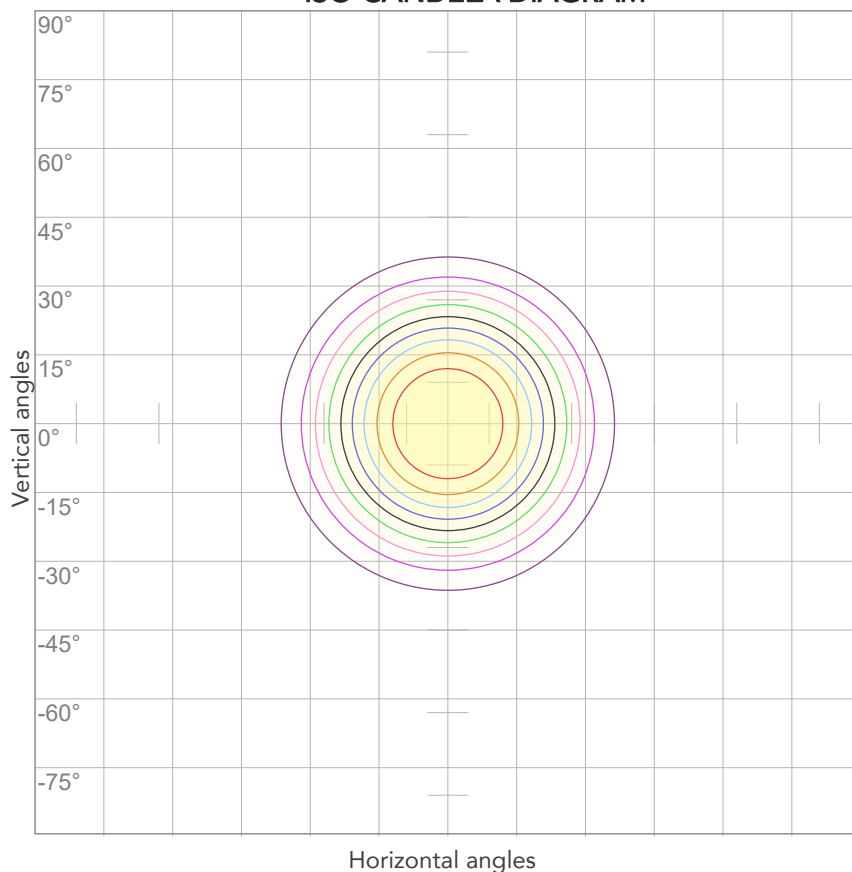


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,280A	60,9W	0,95	50lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



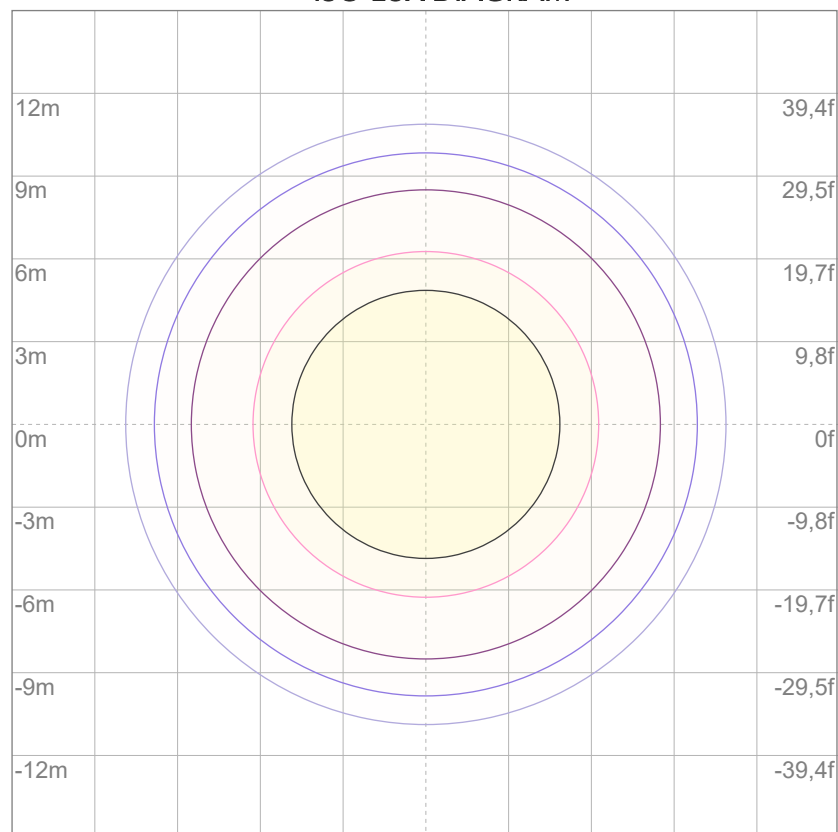
10%	392 cd
20%	783 cd
30%	1175 cd
40%	1567 cd
50%	1958 cd
60%	2350 cd
70%	2742 cd
80%	3133 cd

Conditions:

Number of c-planes: 2

Candela at center: 3916 cd

ISO LUX DIAGRAM



3%	1,17 lx
5%	1,96 lx
10%	3,92 lx
30%	11,7 lx
50%	19,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 39,2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2896 lm

Peak candela output:

21113 cd

Light quality:

CRI: 96,3

Color temperature:

4007 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x20° Filter

Target:

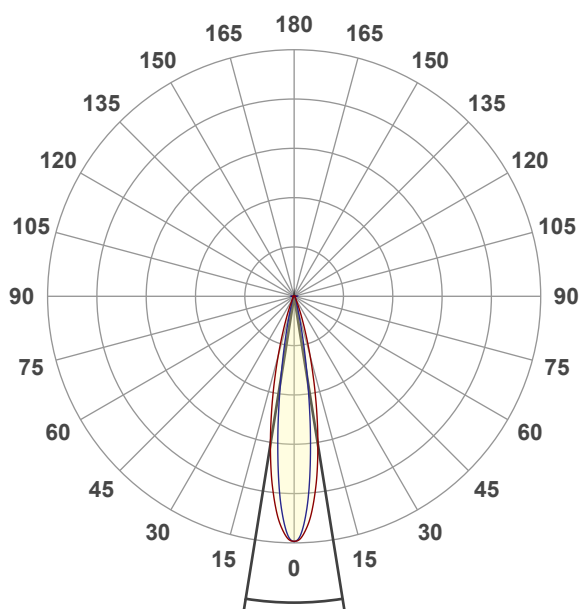
4000K

Operator:

Giuseppe della Peruta

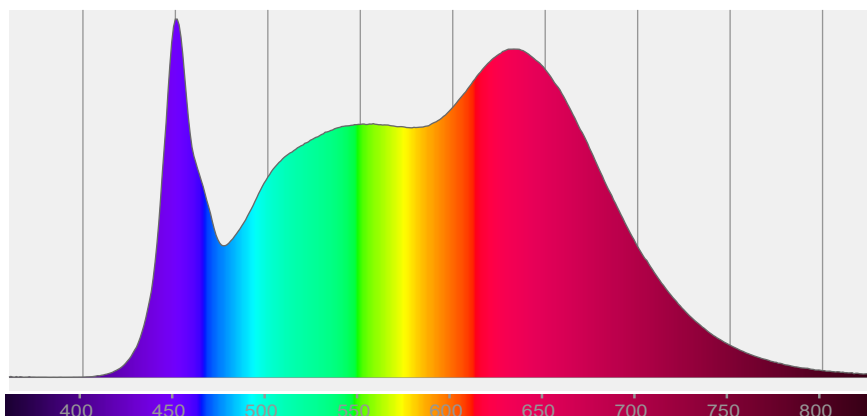
Date and time:

04/08/2025 16:09:20

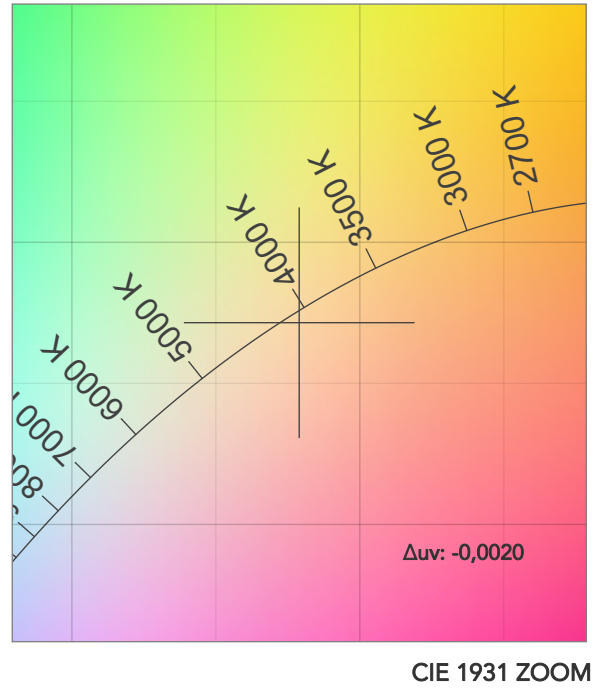
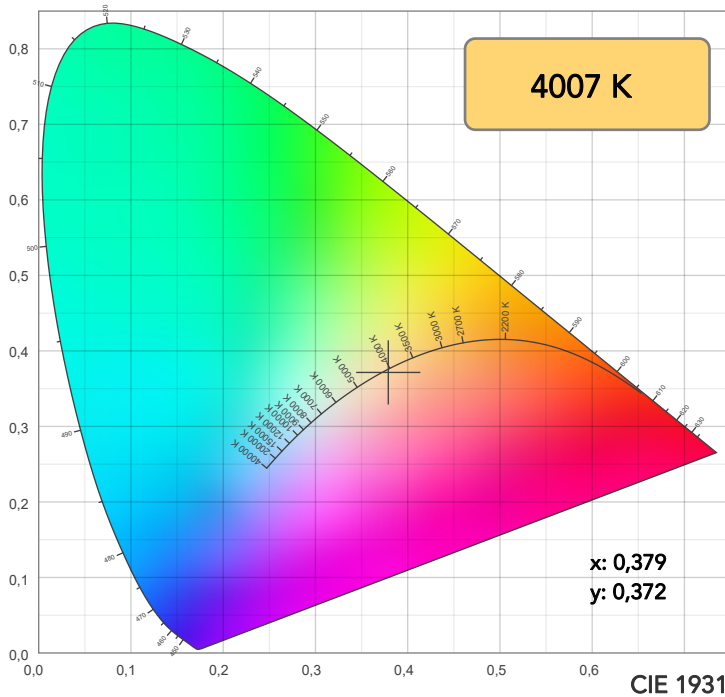


	Blue curve V	Red curve H
Beam angle 50%:	14,8°	21,6°
Field angle 10%:	27,3°	38,7°
Cut off angle 2.5%:	41,7°	52,4°

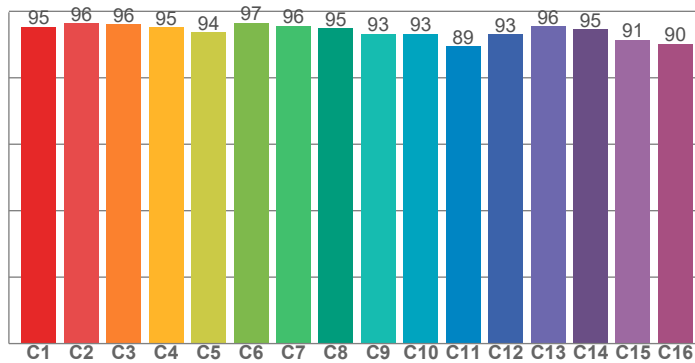
Spectra



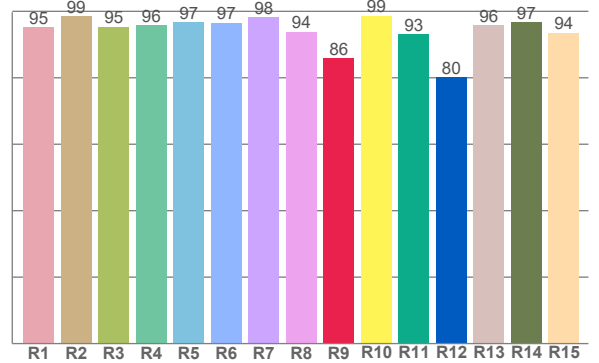
COLOR DETAILS



TM30: 94,0



CRI: 96,3 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,3	98,6	95,4	95,8	96,7	96,6	98,2	93,9	85,8	98,7	93,1	80,2	96,0	96,7	93,6

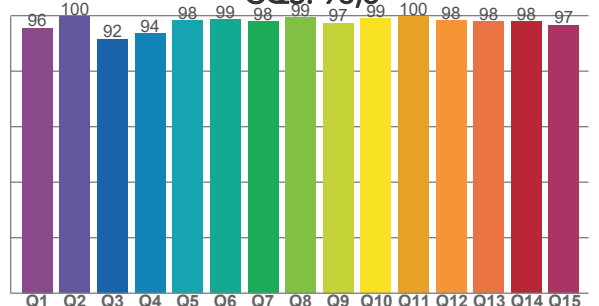
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,3	96,3	96,2	95,2	93,6	96,5	95,6	94,8	93,2	93,2	89,5	93,0	95,5	94,5	91,5	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,5	99,7	91,6	93,6	98,3	98,6	97,9	99,3	97,4	98,9	99,7	98,2	97,9	97,9	96,5

CQS: 96,6



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4007 K	96,3	85,8	94,0	102,2	96,6	99	0,379	0,372	-0,0020

TM30 DETAILS

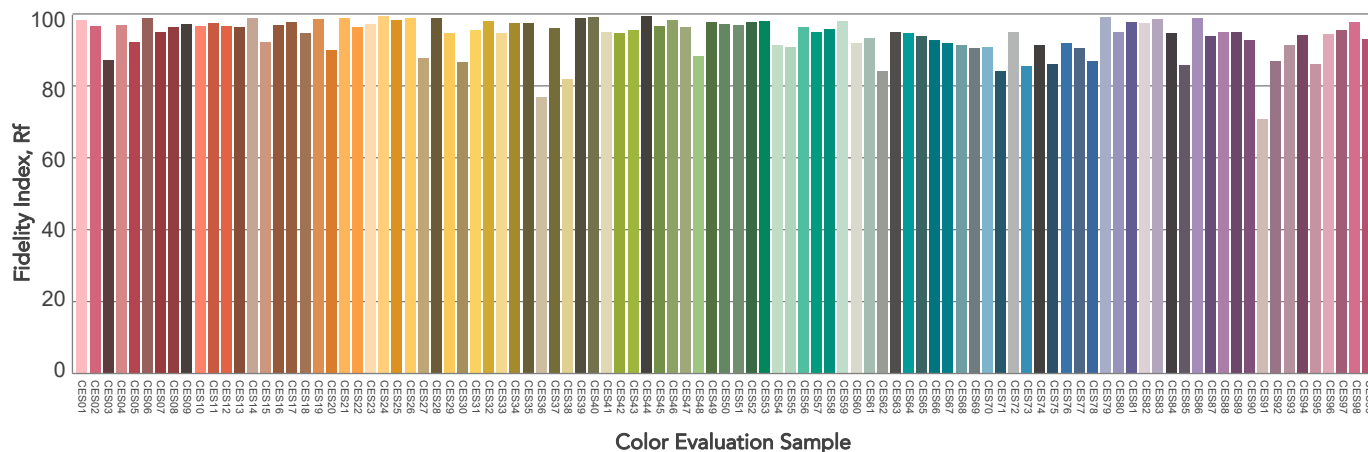
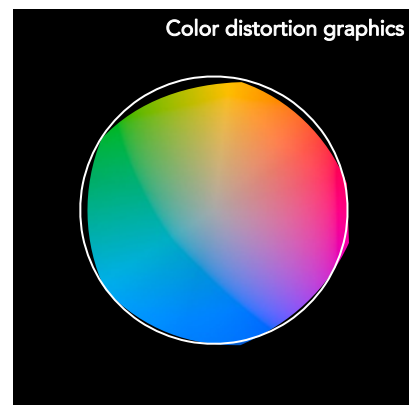
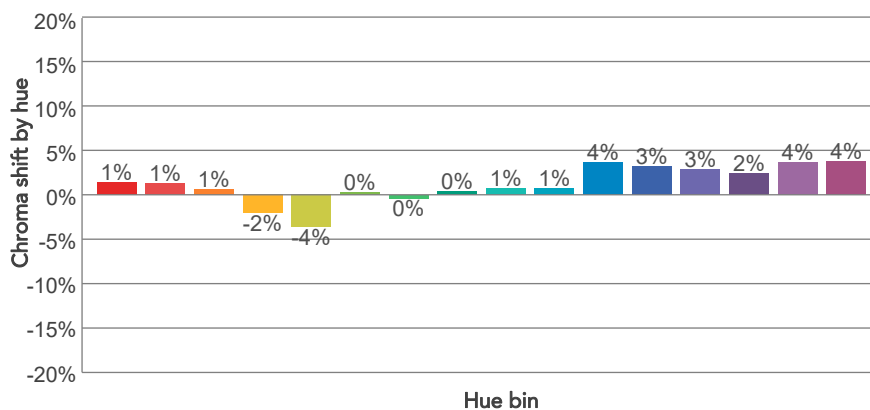
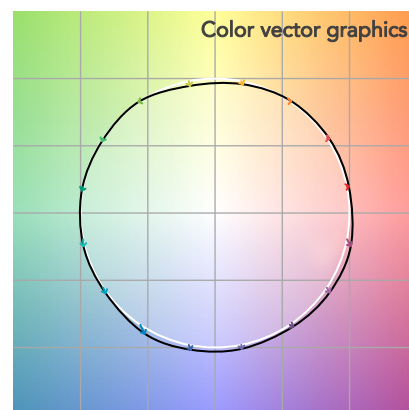
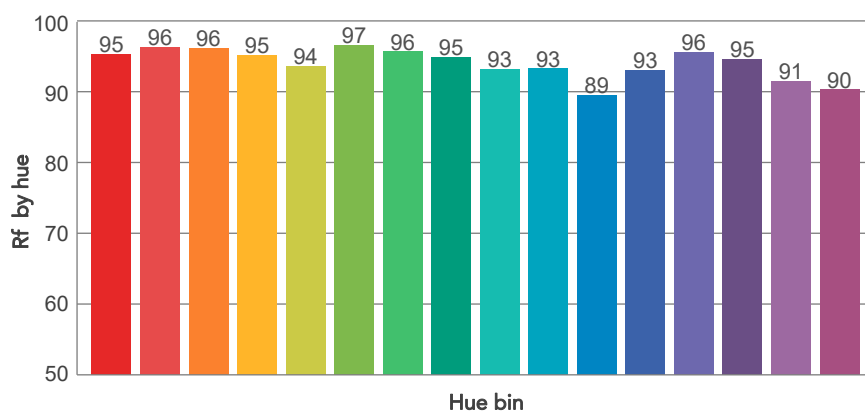
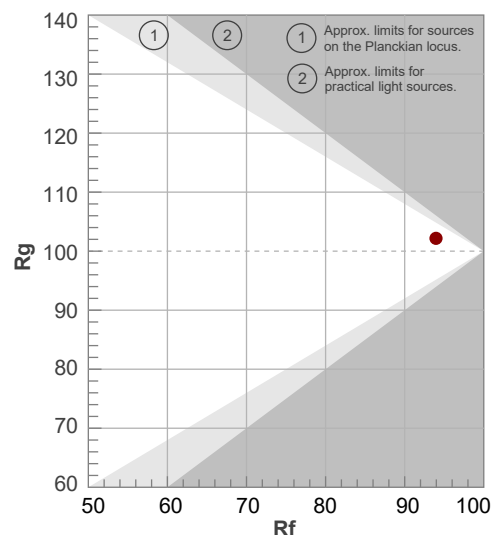
Rf 94,0

Fidelity index Rf

Rg 102,2

Gammut index

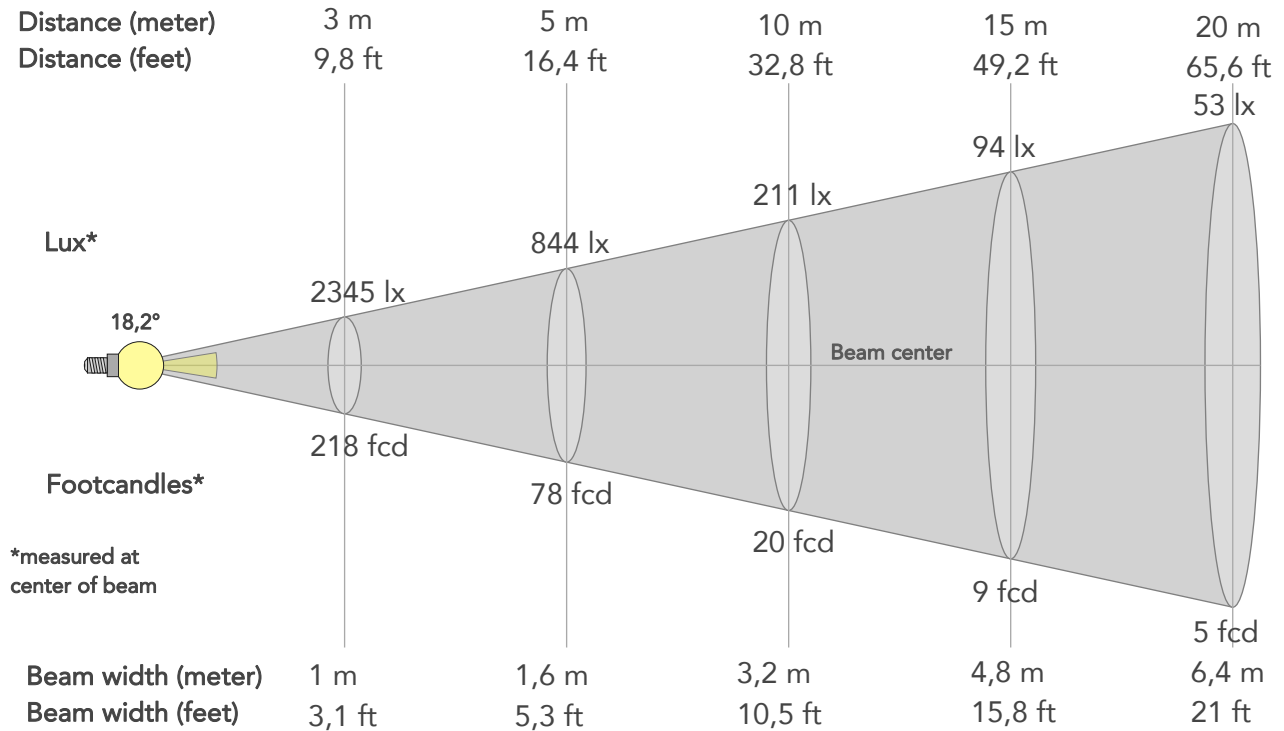
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	0%
2	96	1%	-1%
3	96	1%	-1%
4	95	-2%	-2%
5	94	-4%	0%
6	97	0%	1%
7	96	0%	2%
8	95	0%	3%
9	93	1%	5%
10	93	1%	4%
11	89	4%	6%
12	93	3%	2%
13	96	3%	0%
14	95	2%	2%
15	91	4%	-2%
16	90	4%	-4%



BEAM DETAILS



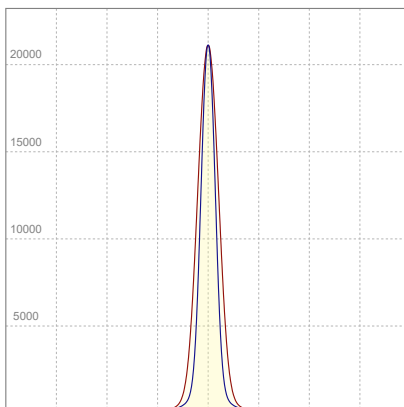
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,2°	33°	47°	98,3%	95,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	21103lx	5276lx	2345lx	1319lx	844lx	375lx	211lx	94lx	53lx	34lx	23lx	13lx	8lx
Footcand.	1961fcd	490fcd	218fcd	123fcd	78fcd	35fcd	20fcd	9fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,3ft	7,9ft	10,5ft	15,8ft	21ft	26,3ft	31,5ft	42ft	52,5ft

LINEAR DISTRIBUTION DIAGRAM

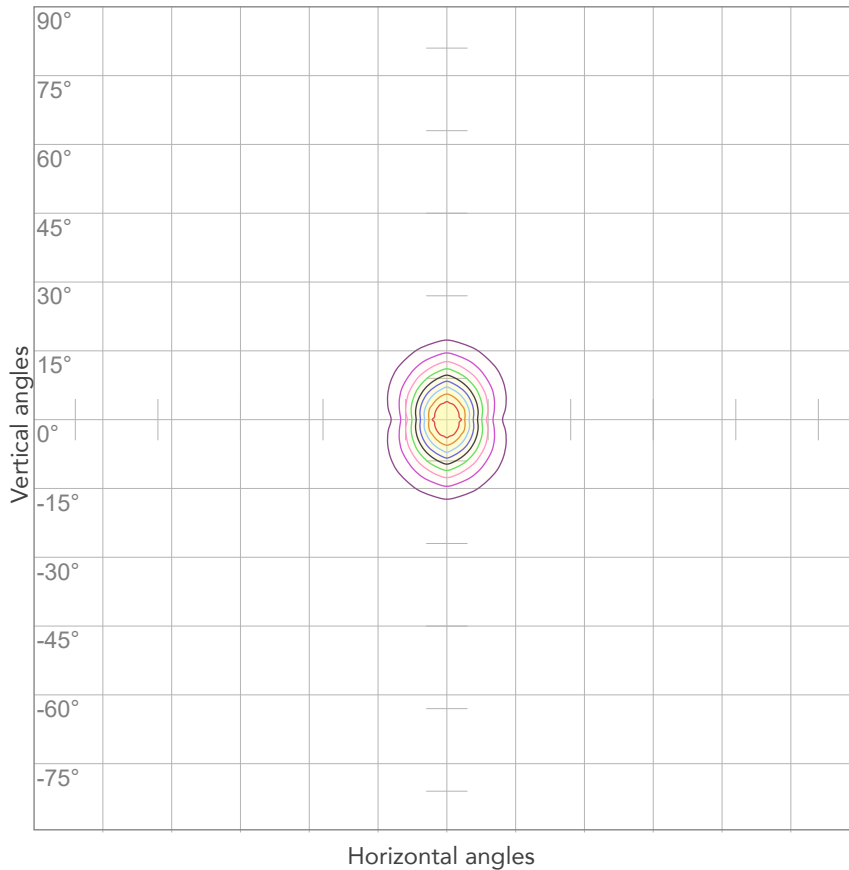


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,292A	63,6W	0,96	46lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



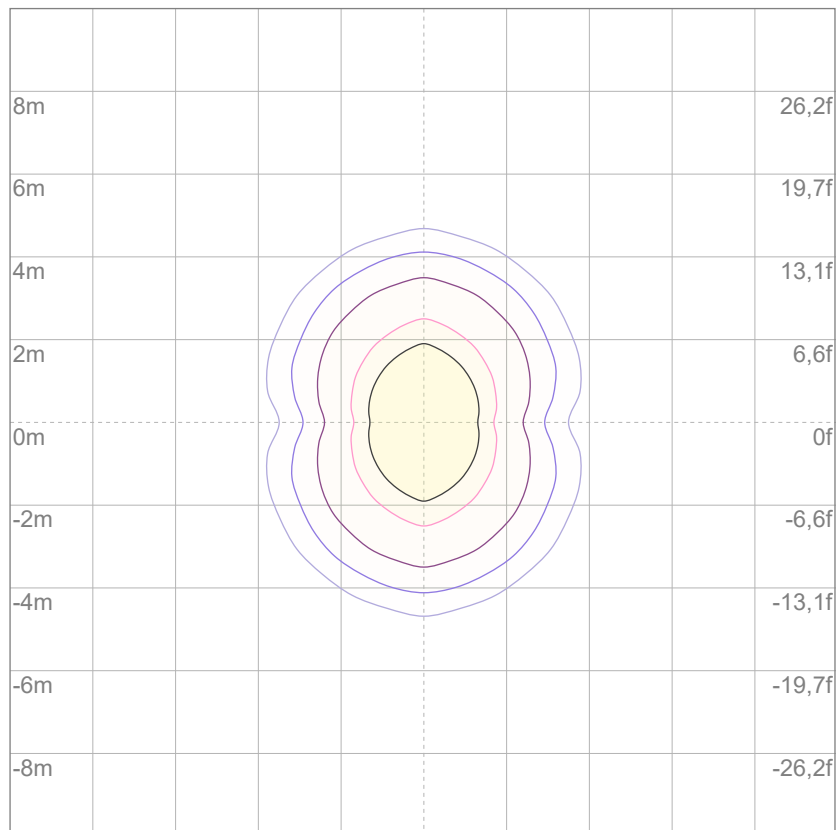
10%	2110 cd
20%	4221 cd
30%	6331 cd
40%	8441 cd
50%	10552 cd
60%	12662 cd
70%	14772 cd
80%	16882 cd

Conditions:

Number of c-planes: 4

Candela at center: 21103 cd

ISO LUX DIAGRAM



3%	6,33 lx
5%	10,6 lx
10%	21,1 lx
30%	63,3 lx
50%	106 lx

Conditions:

Number of c-planes: 4

Lux at center: 211 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3415 lm

Peak candela output:

12436 cd

Light quality:

CRI: 96,1

Color temperature:

3997 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x40° Filter

Target:

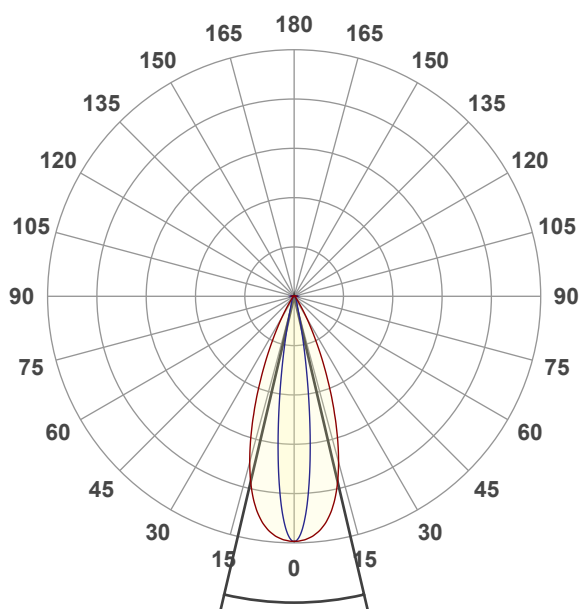
4000K

Operator:

Giuseppe della Peruta

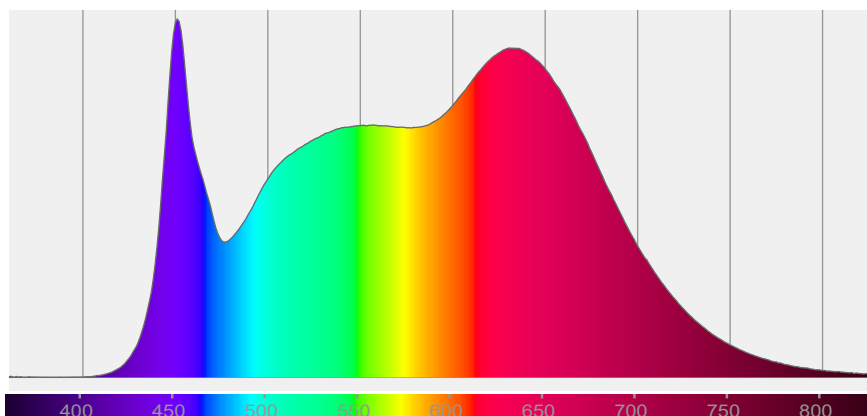
Date and time:

04/08/2025 17:26:53

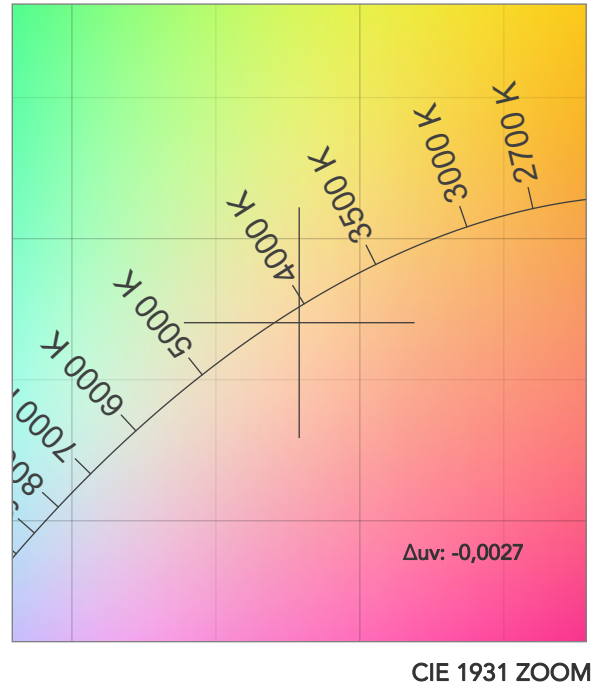
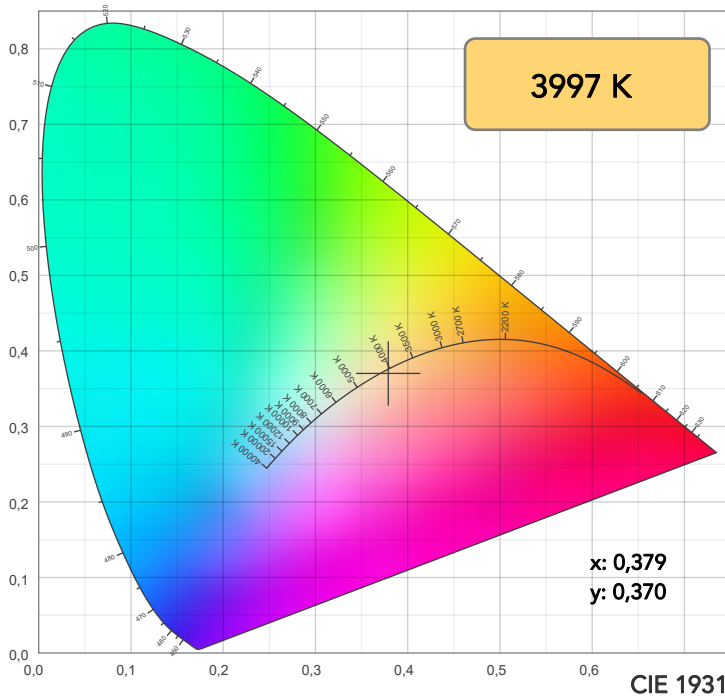


	Blue curve V	Red curve H
Beam angle 50%:	14,6°	38,2°
Field angle 10%:	27,3°	60,1°
Cut off angle 2.5%:	48,1°	75,8°

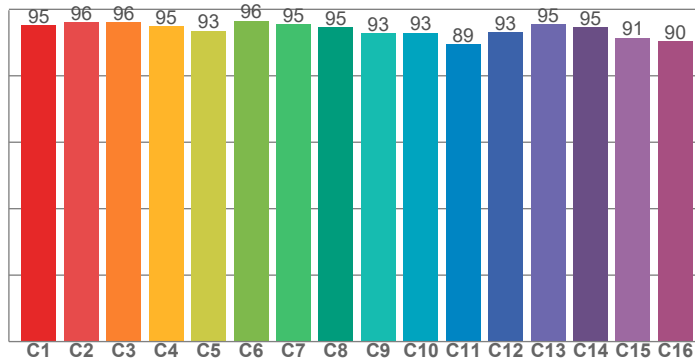
Spectra



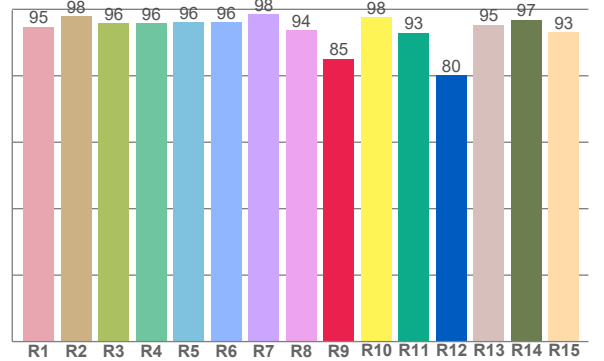
COLOR DETAILS



TM30: 93,8



CRI: 96,1 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,8	98,0	95,8	95,8	96,2	96,2	98,4	93,8	85,1	97,7	93,0	80,3	95,4	96,9	93,0

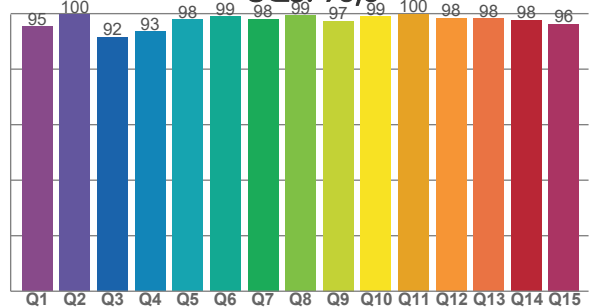
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,2	96,2	96,0	95,0	93,5	96,5	95,5	94,5	92,7	93,0	89,5	93,1	95,5	94,5	91,4	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,3	99,7	91,6	93,5	98,0	98,9	98,0	99,4	97,4	98,9	99,8	98,4	98,2	97,6	96,3

CQS: 96,6



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3997 K	96,1	85,1	93,8	102,1	96,6	99	0,379	0,370	-0,0027

TM30 DETAILS

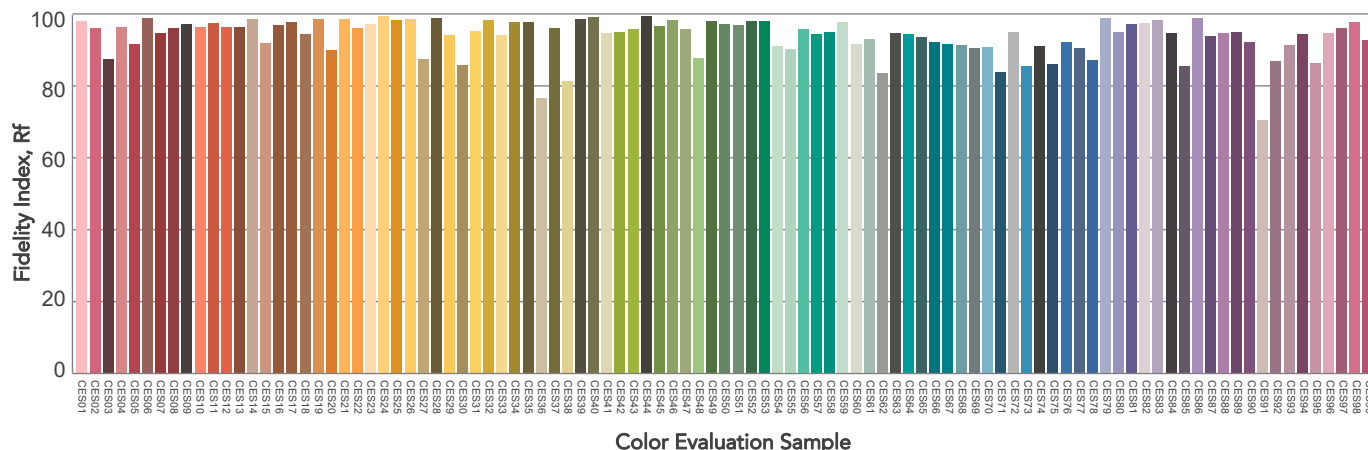
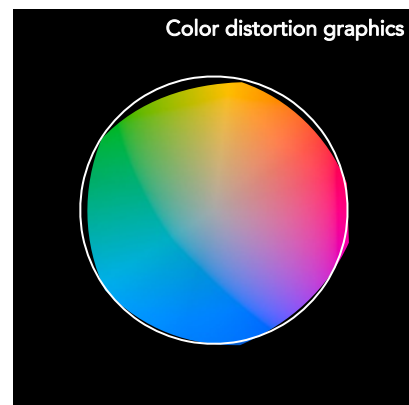
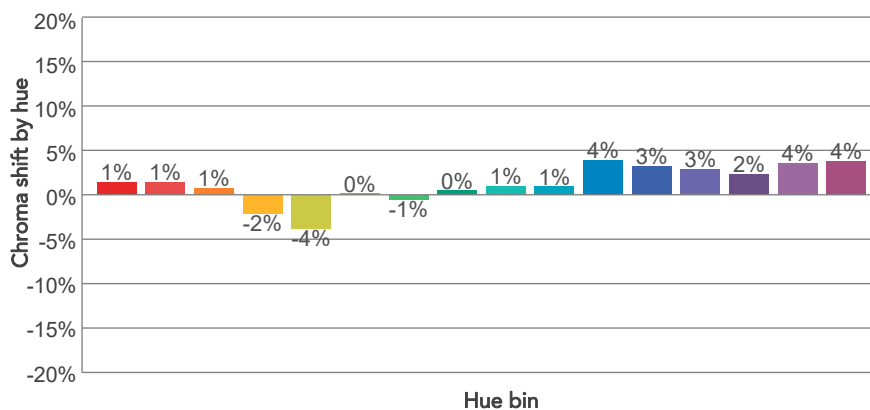
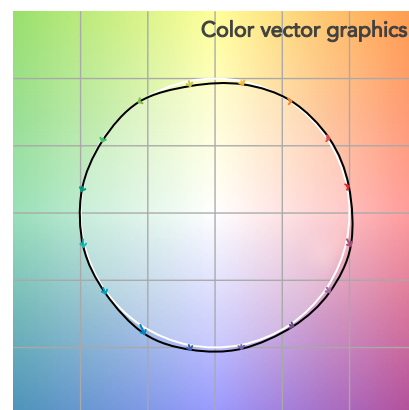
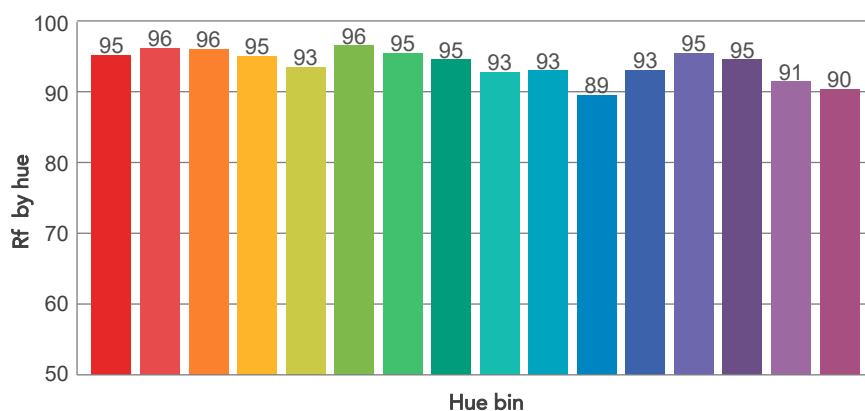
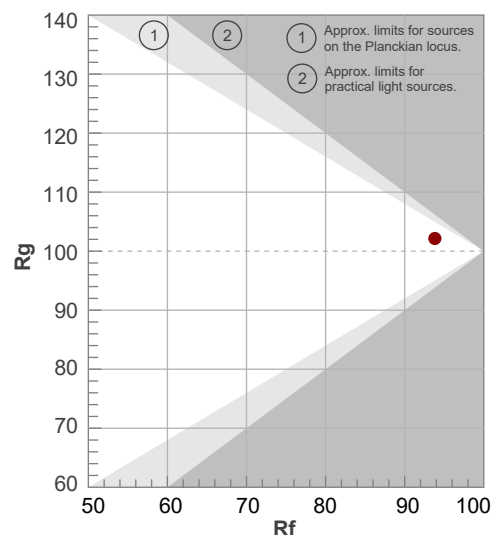
Rf 93,8

Fidelity index Rf

Rg 102,1

Gammut index

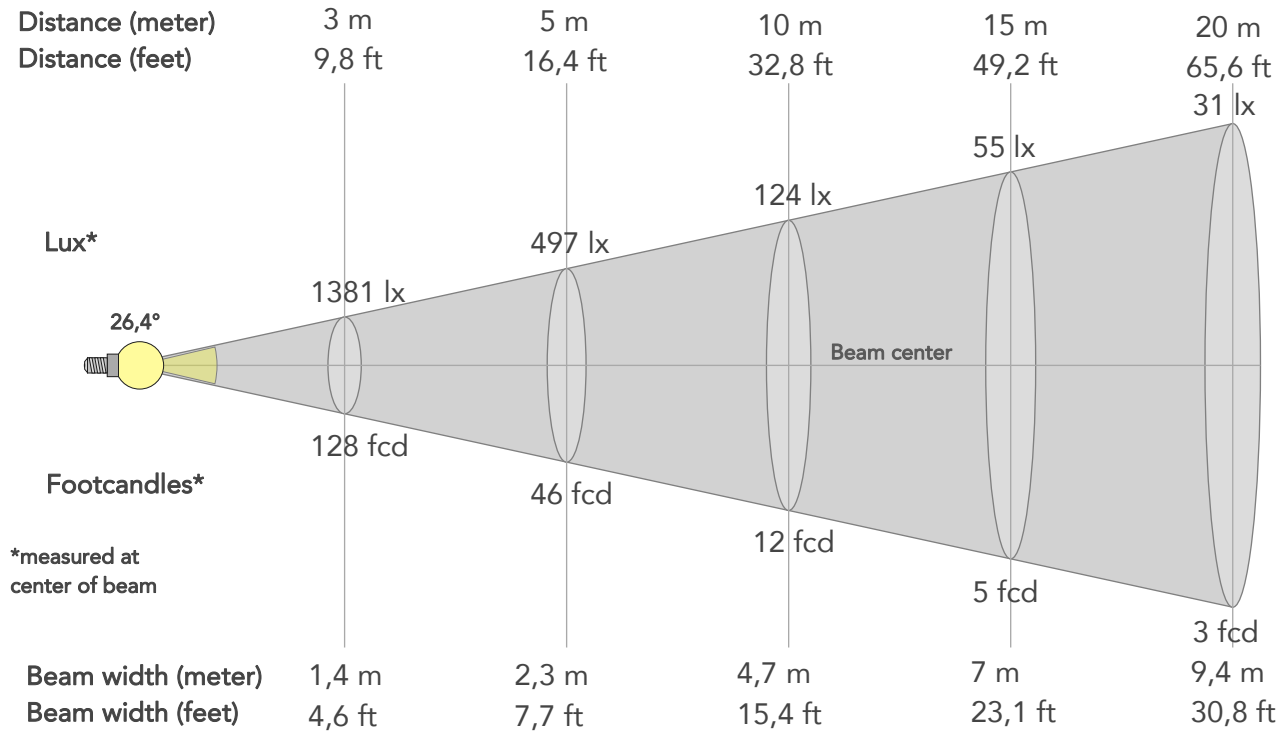
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	0%
2	96	1%	-1%
3	96	1%	-1%
4	95	-2%	-2%
5	93	-4%	0%
6	96	0%	1%
7	95	-1%	2%
8	95	0%	3%
9	93	1%	5%
10	93	1%	4%
11	89	4%	6%
12	93	3%	2%
13	95	3%	0%
14	95	2%	2%
15	91	4%	-2%
16	90	4%	-4%



BEAM DETAILS



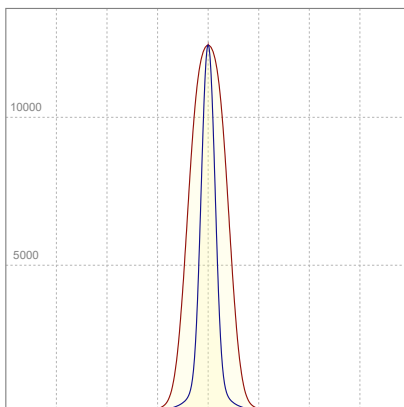
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26,4°	43,7°	61,9°	98,3%	95,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	12432lx	3108lx	1381lx	777lx	497lx	221lx	124lx	55lx	31lx	20lx	14lx	8lx	5lx
Footcand.	1155fcd	289fcd	128fcd	72fcd	46fcd	21fcd	12fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	0,9m	1,4m	1,9m	2,3m	3,5m	4,7m	7m	9,4m	11,7m	14,1m	18,8m	23,5m
Beam wid.	1,5ft	3,1ft	4,6ft	6,1ft	7,7ft	11,5ft	15,4ft	23,1ft	30,8ft	38,5ft	46,2ft	61,5ft	76,9ft

LINEAR DISTRIBUTION DIAGRAM

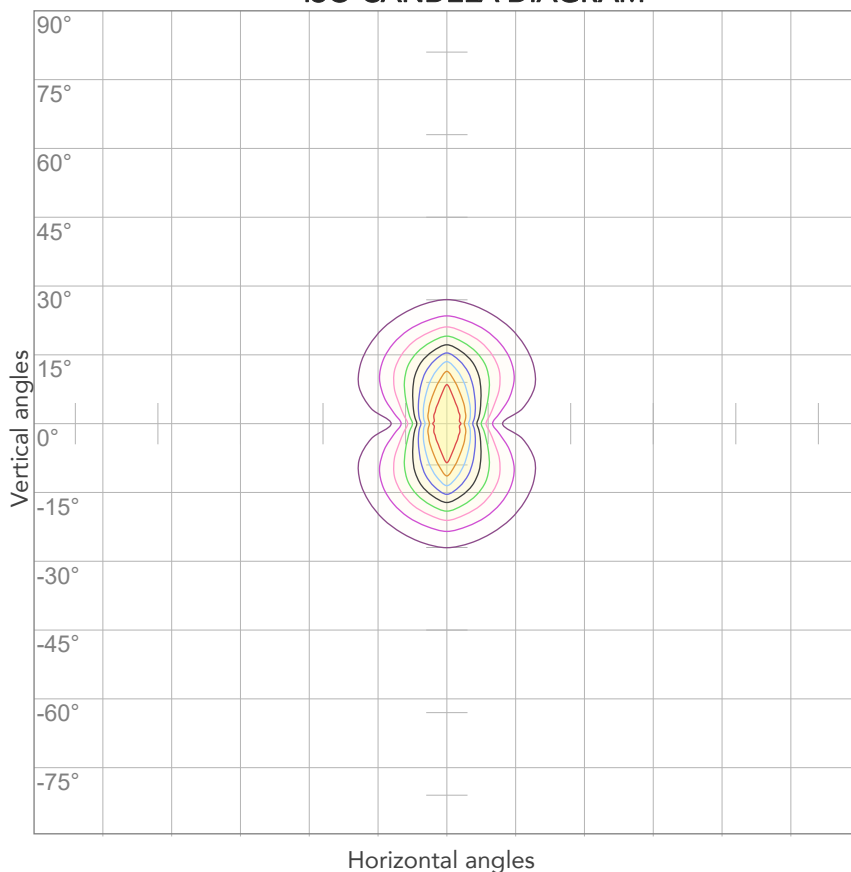


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,288A	62,5W	0,96	55lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



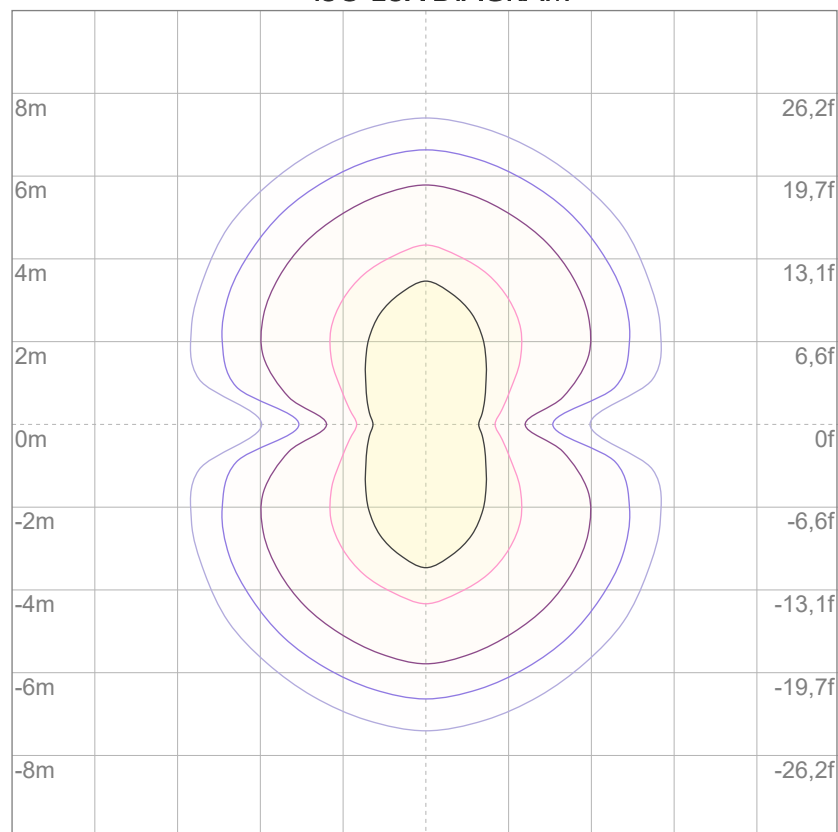
10%	1243 cd
20%	2486 cd
30%	3730 cd
40%	4973 cd
50%	6216 cd
60%	7459 cd
70%	8703 cd
80%	9946 cd

Conditions:

Number of c-planes: 4

Candela at center: 12432 cd

ISO LUX DIAGRAM



3%	3,73 lx
5%	6,22 lx
10%	12,4 lx
30%	37,3 lx
50%	62,2 lx

Conditions:

Number of c-planes: 4

Lux at center: 124 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3908 lm

Peak candela output:

7789 cd

Light quality:

CRI: 96,2

Color temperature:

3999 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x60° Filter

Target:

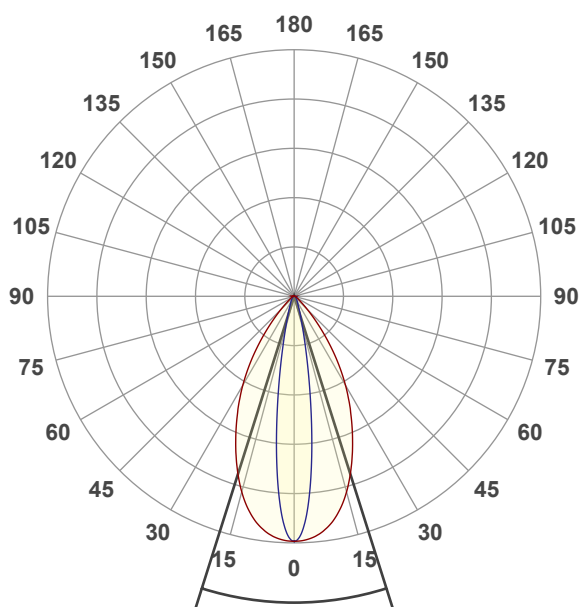
4000K

Operator:

Giuseppe della Peruta

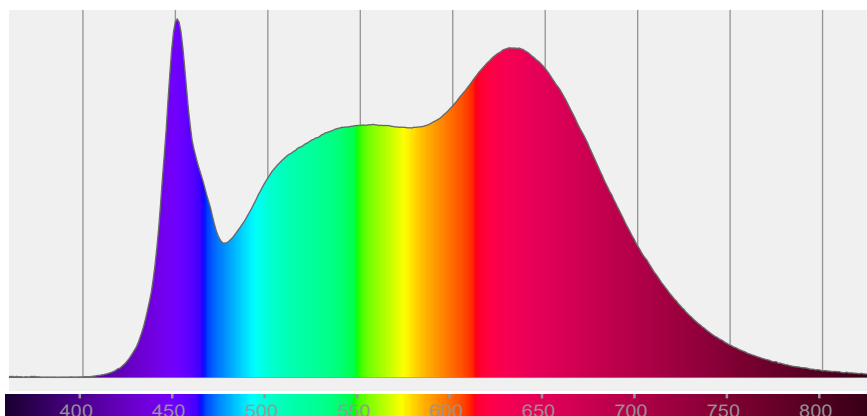
Date and time:

05/08/2025 13:06:02

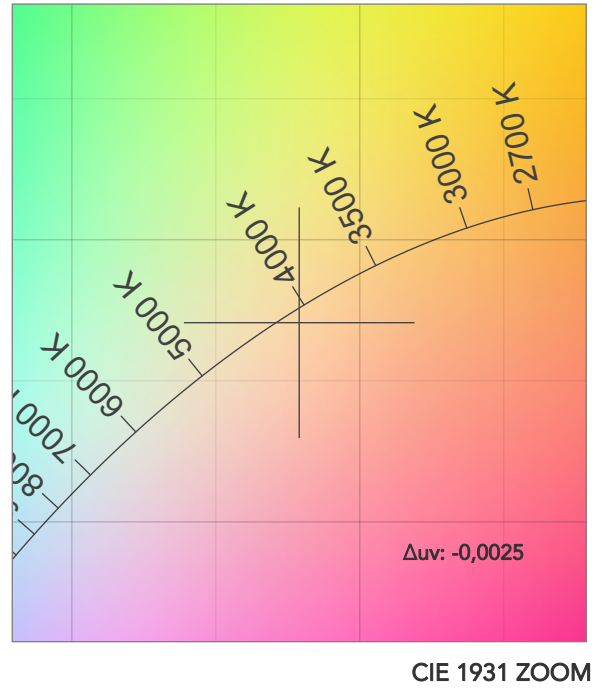
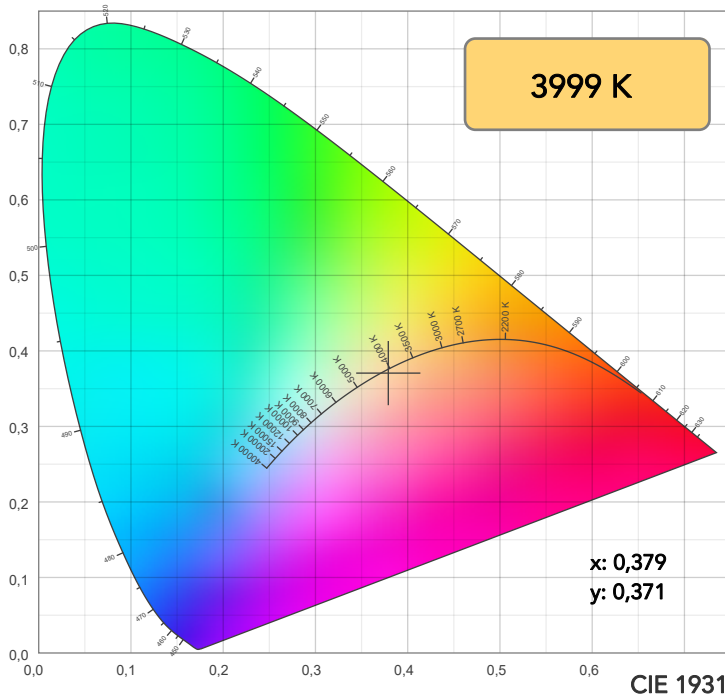


	Blue curve V	Red curve H
Beam angle 50%:	16,2°	54°
Field angle 10%:	33,6°	86,6°
Cut off angle 2.5%:	61,3°	107,6°

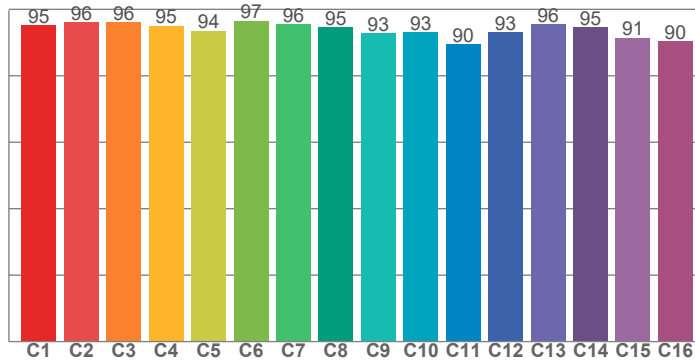
Spectra



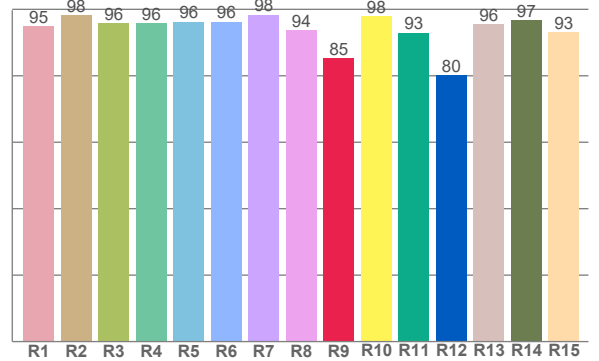
COLOR DETAILS



TM30: 93,8



CRI: 96,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,9	98,1	95,8	95,8	96,3	96,3	98,4	93,8	85,2	97,9	93,0	80,3	95,5	96,8	93,2

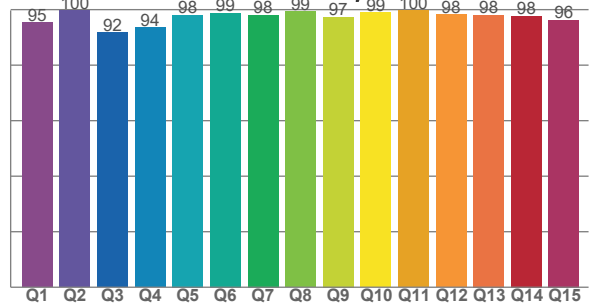
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,2	96,2	96,0	95,0	93,5	96,5	95,5	94,6	92,8	93,1	89,5	93,1	95,5	94,5	91,4	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,3	99,7	91,7	93,6	98,1	98,8	98,0	99,4	97,4	99,0	99,7	98,3	98,1	97,7	96,3

CQS: 96,6



COLOR PARAMETERS

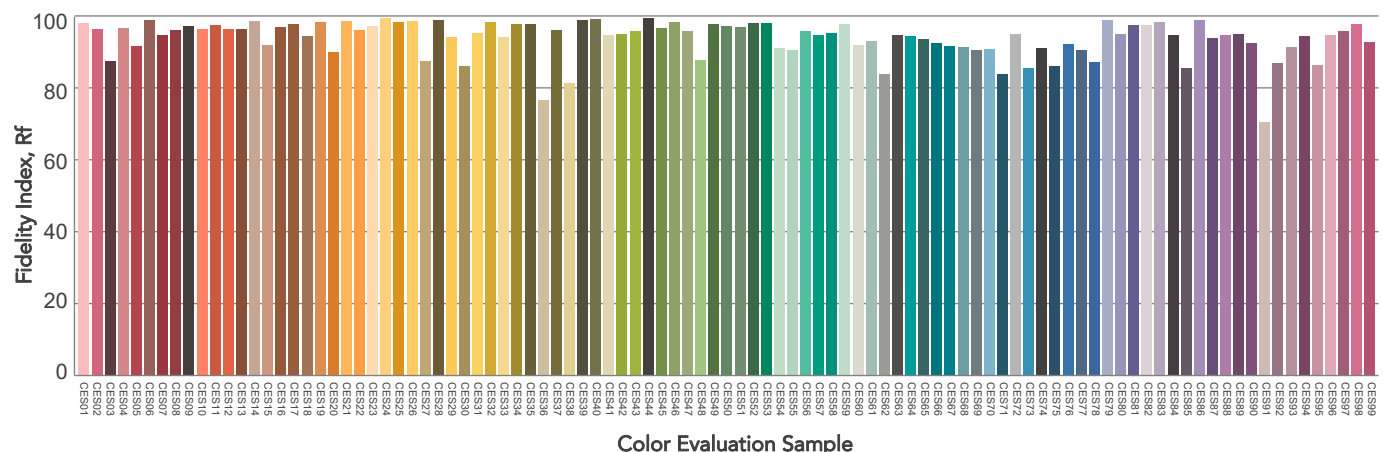
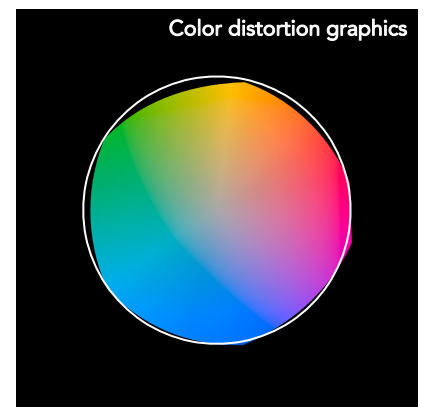
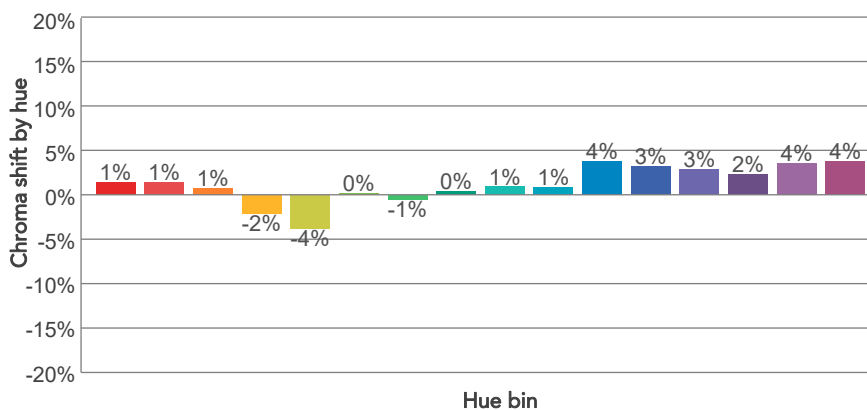
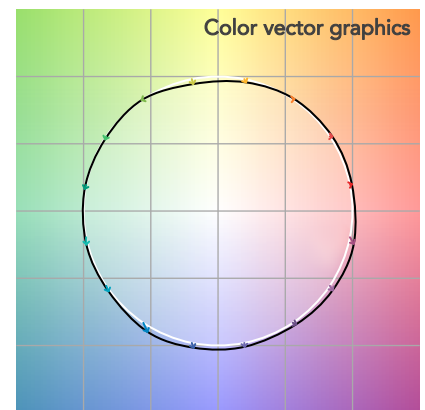
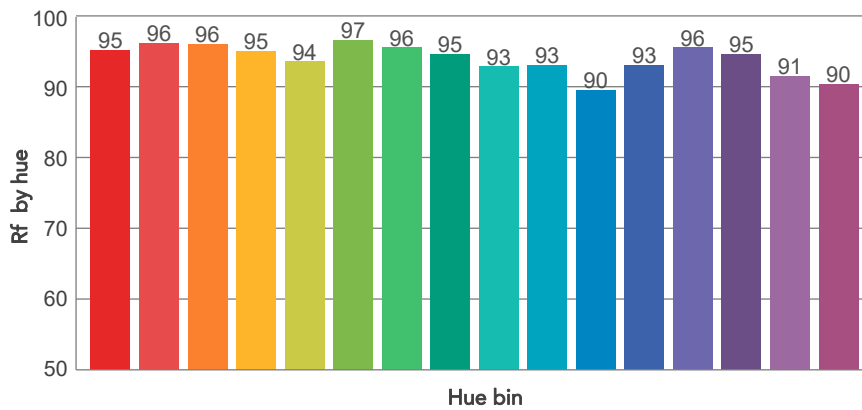
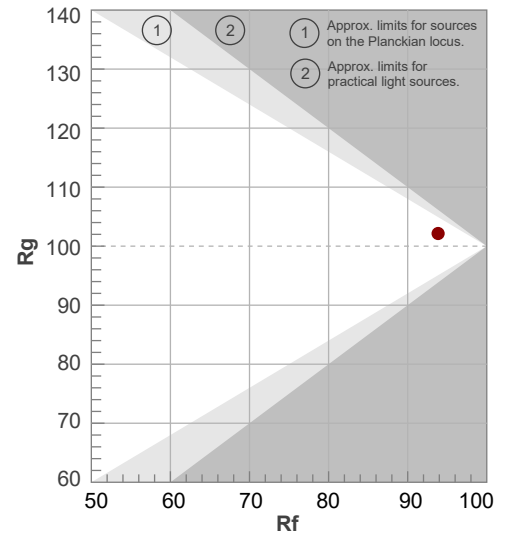
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3999 K	96,2	85,2	93,8	102,1	96,6	99	0,379	0,371	-0,0025

TM30 DETAILS

Rf 93,8
Fidelity index Rf

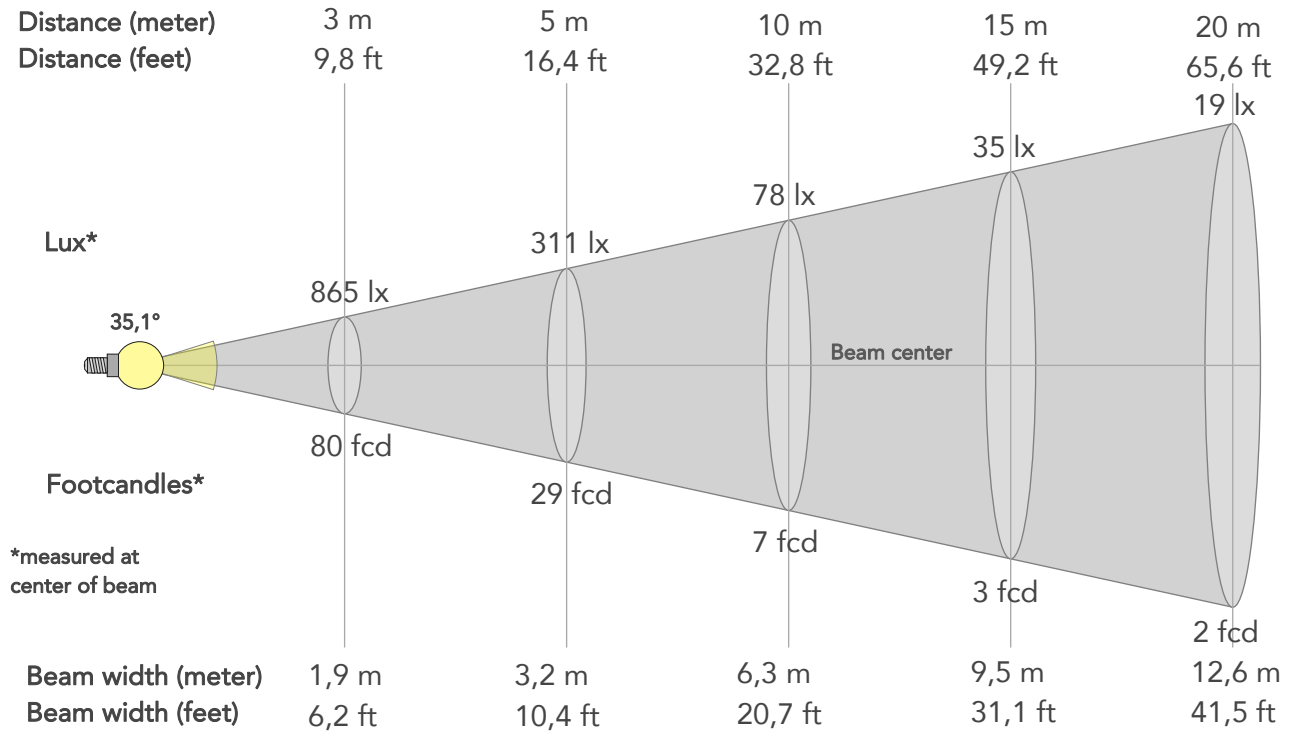
Rg 102,1
Gammut index

		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	95	1%	0%
2	96	1%	-1%
3	96	1%	-1%
4	95	-2%	-2%
5	94	-4%	0%
6	97	0%	1%
7	96	-1%	2%
8	95	0%	3%
9	93	1%	5%
10	93	1%	4%
11	90	4%	6%
12	93	3%	2%
13	96	3%	0%
14	95	2%	2%
15	91	4%	-2%
16	90	4%	-4%



BEAM DETAILS

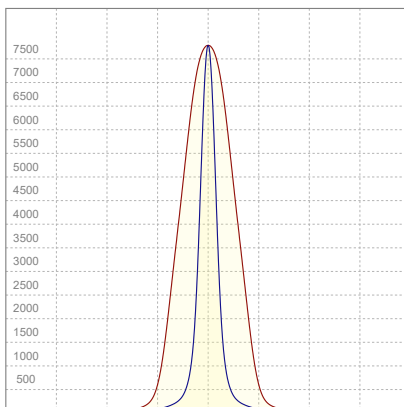
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35,1°	60,1°	84,4°	97,5%	92,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	7784lx	1946lx	865lx	487lx	311lx	138lx	78lx	35lx	19lx	12lx	9lx	5lx	3lx
Footcand.	723fcd	181fcd	80fcd	45fcd	29fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,7m	6,3m	9,5m	12,6m	15,8m	19m	25,3m	31,6m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,4ft	15,5ft	20,7ft	31,1ft	41,5ft	51,8ft	62,2ft	82,9ft	103,7ft

LINEAR DISTRIBUTION DIAGRAM

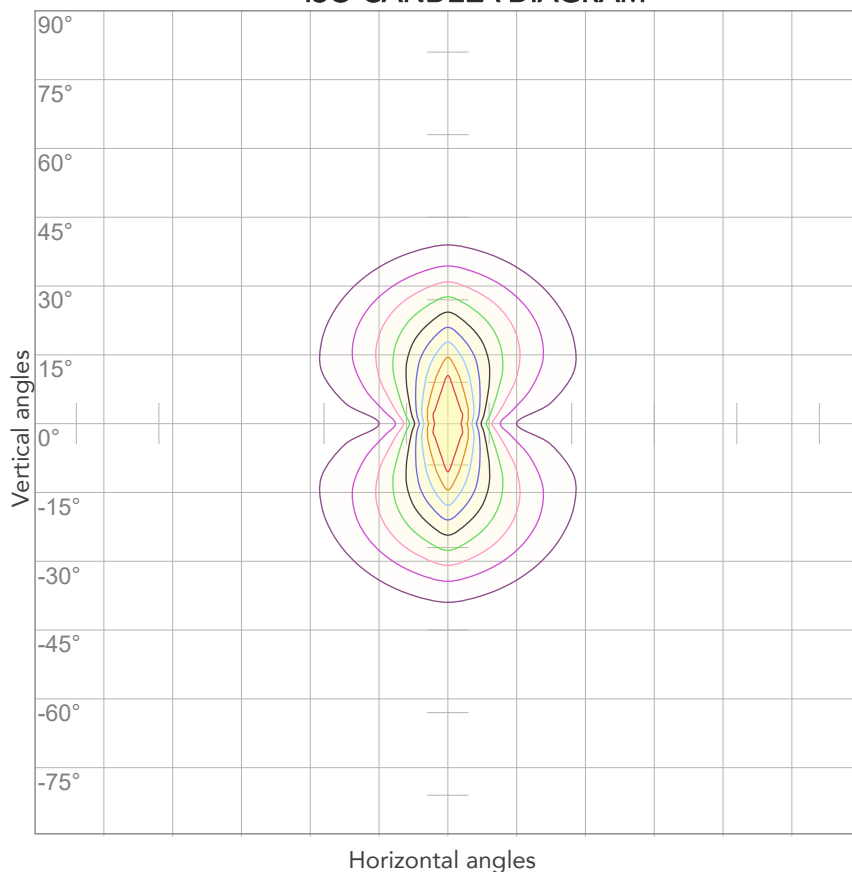


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
229V	0,282A	61,3W	0,95	64lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



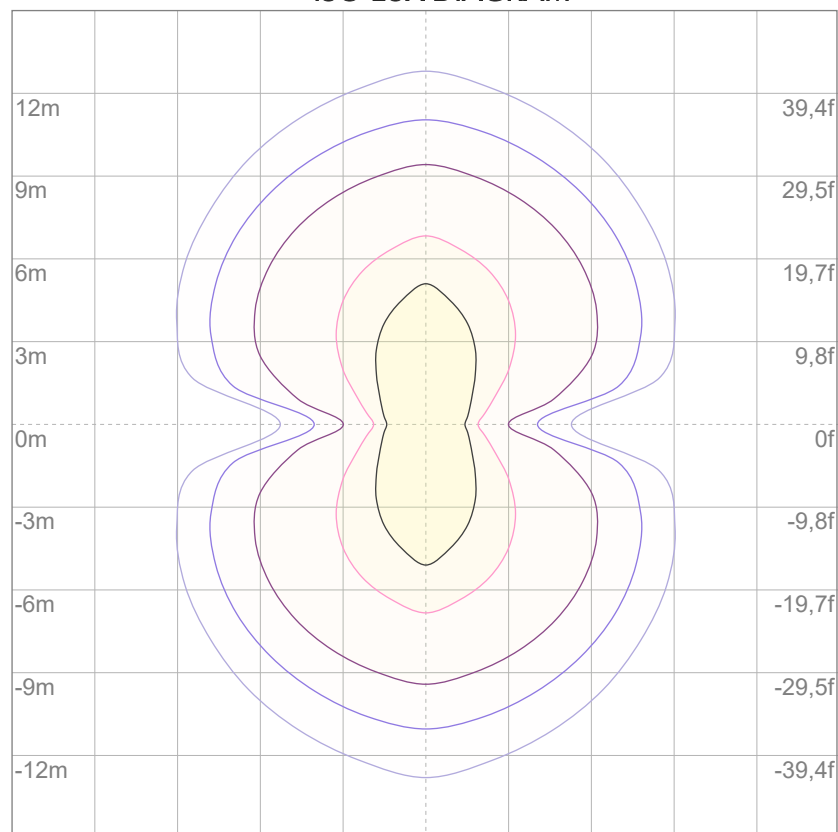
10%	778 cd
20%	1557 cd
30%	2335 cd
40%	3114 cd
50%	3892 cd
60%	4670 cd
70%	5449 cd
80%	6227 cd

Conditions:

Number of c-planes: 4

Candela at center: 7784 cd

ISO LUX DIAGRAM



3%	2,34 lx
5%	3,89 lx
10%	7,78 lx
30%	23,4 lx
50%	38,9 lx

Conditions:

Number of c-planes: 4

Lux at center: 77,8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

2495 lm

Peak candela output:

3452 cd

Light quality:

CRI: 96,0

Color temperature:

4013 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
30°x60° Filter

Target:

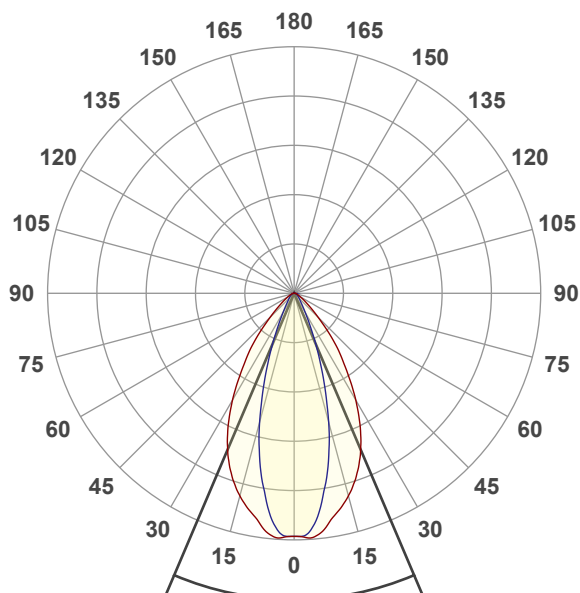
4000K

Operator:

Giuseppe della Peruta

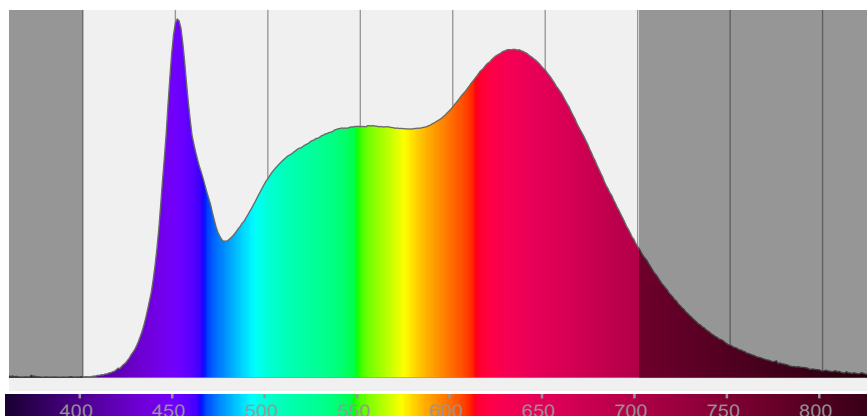
Date and time:

05/08/2025 15:12:21

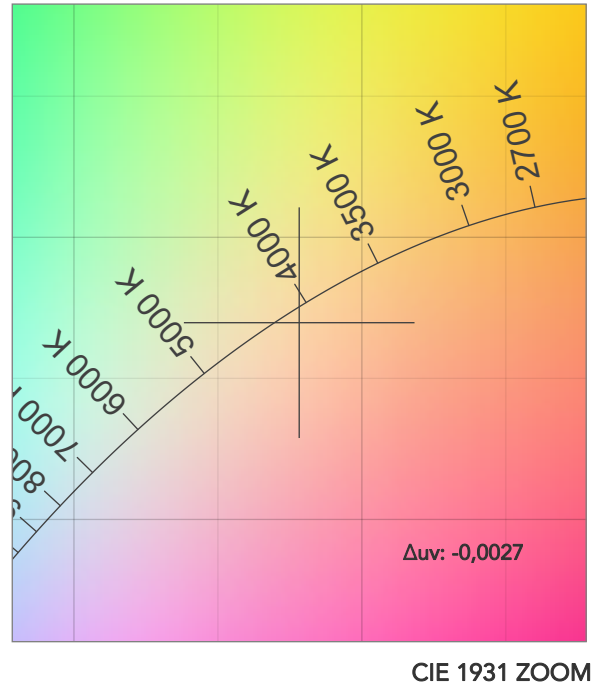
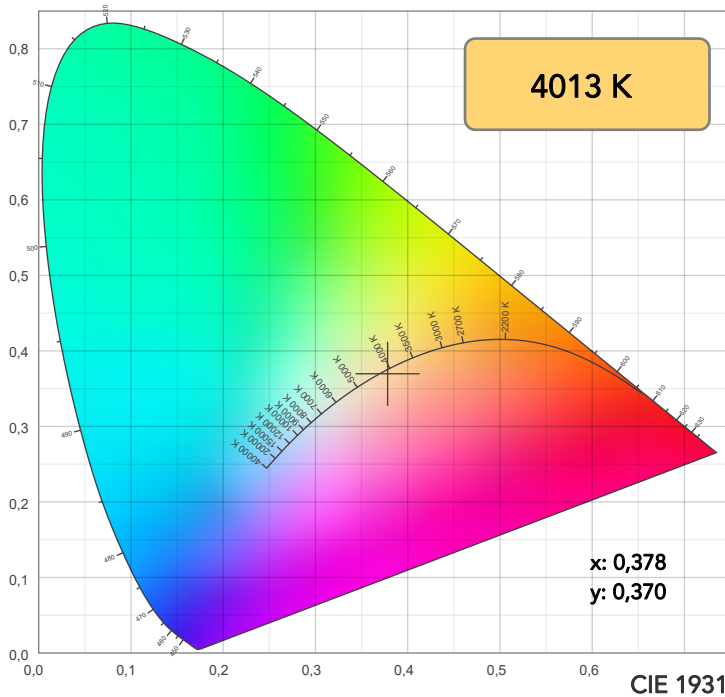


	Blue curve V	Red curve H
Beam angle 50%:	32°	60,2°
Field angle 10%:	58,6°	95,9°
Cut off angle 2.5%:	96°	124,6°

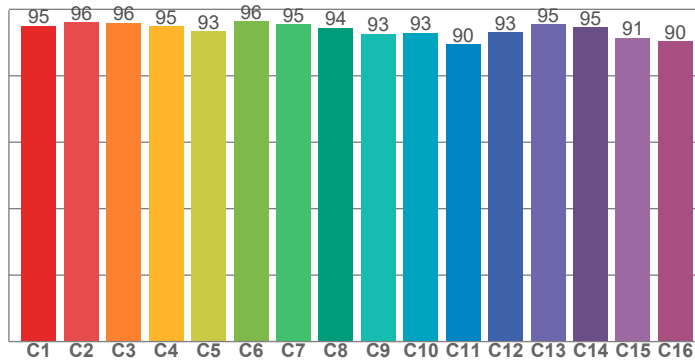
Spectra



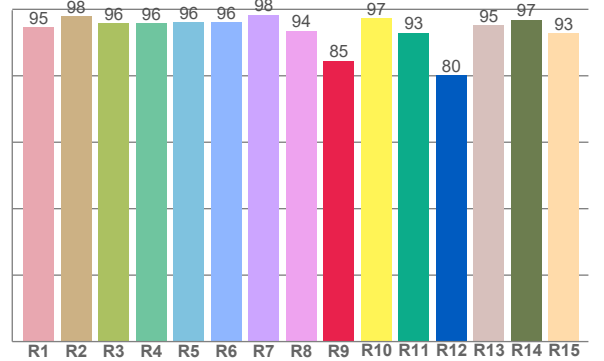
COLOR DETAILS



TM30: 93,8



CRI: 96,0 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,7	97,9	95,9	95,7	96,1	96,1	98,4	93,6	84,6	97,5	93,0	80,2	95,2	96,9	92,8

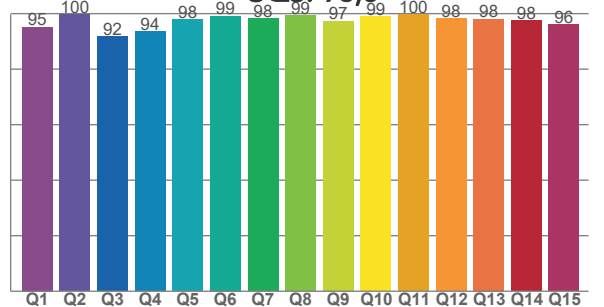
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,1	96,1	95,9	94,9	93,4	96,5	95,4	94,4	92,6	92,9	89,5	93,1	95,5	94,5	91,4	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,1	99,7	91,7	93,5	97,9	99,1	98,2	99,3	97,4	99,0	99,7	98,3	98,1	97,6	96,2

CQS: 96,5



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4013 K	96,0	84,6	93,8	102,1	96,5	99	0,378	0,370	-0,0027

TM30 DETAILS

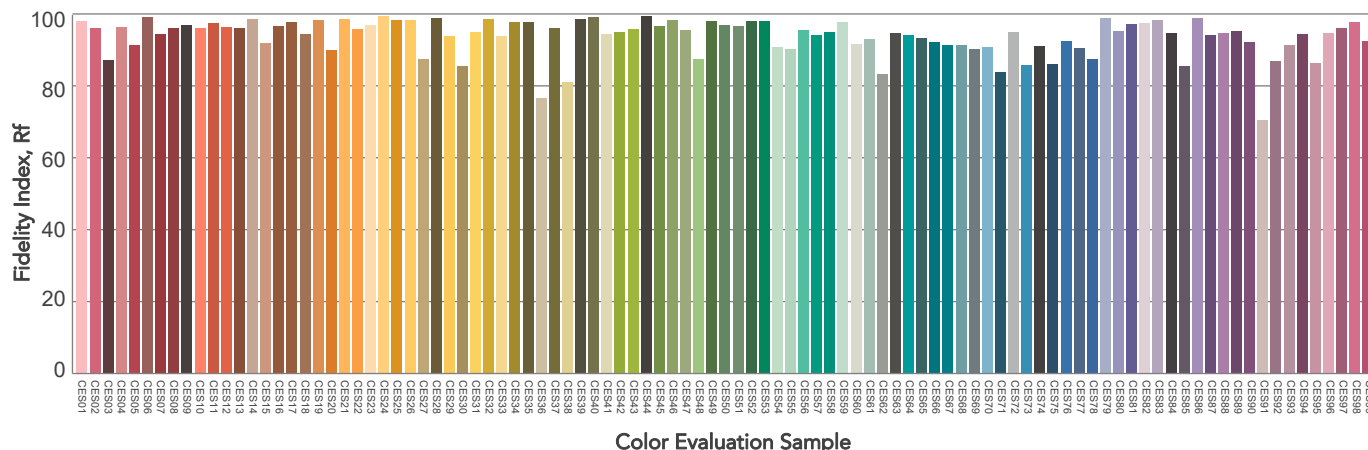
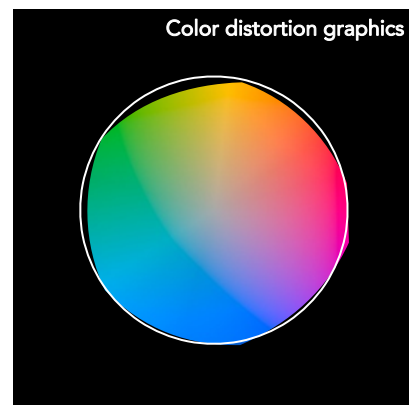
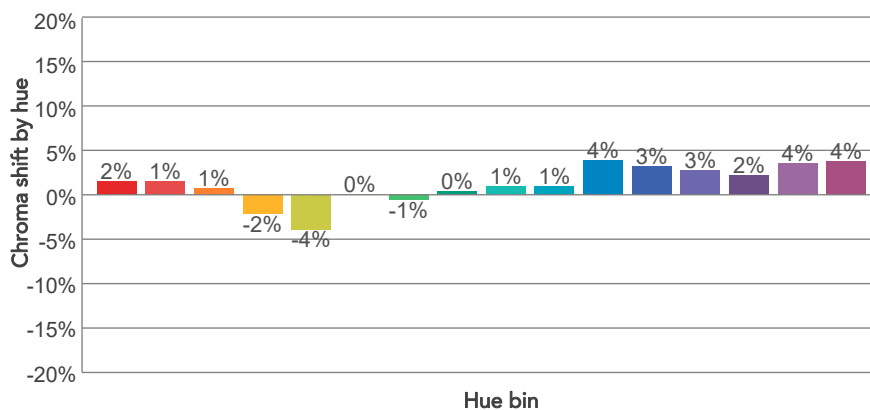
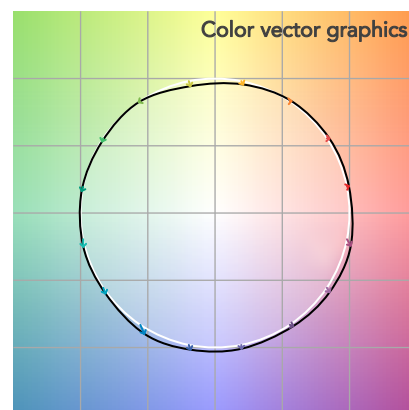
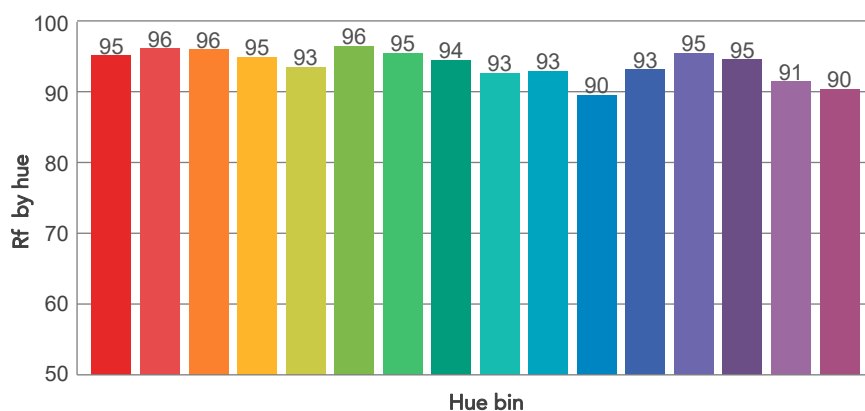
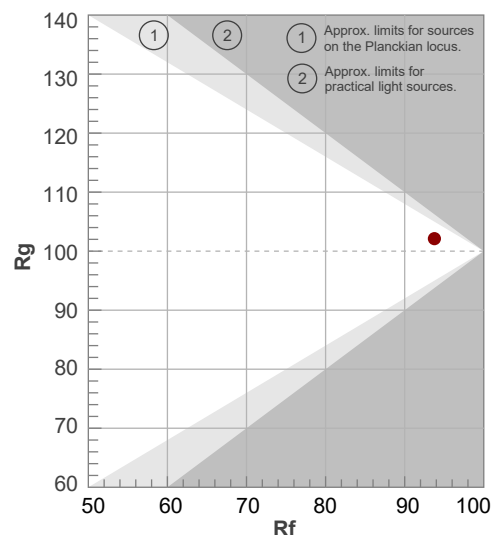
Rf 93,8

Fidelity index Rf

Rg 102,1

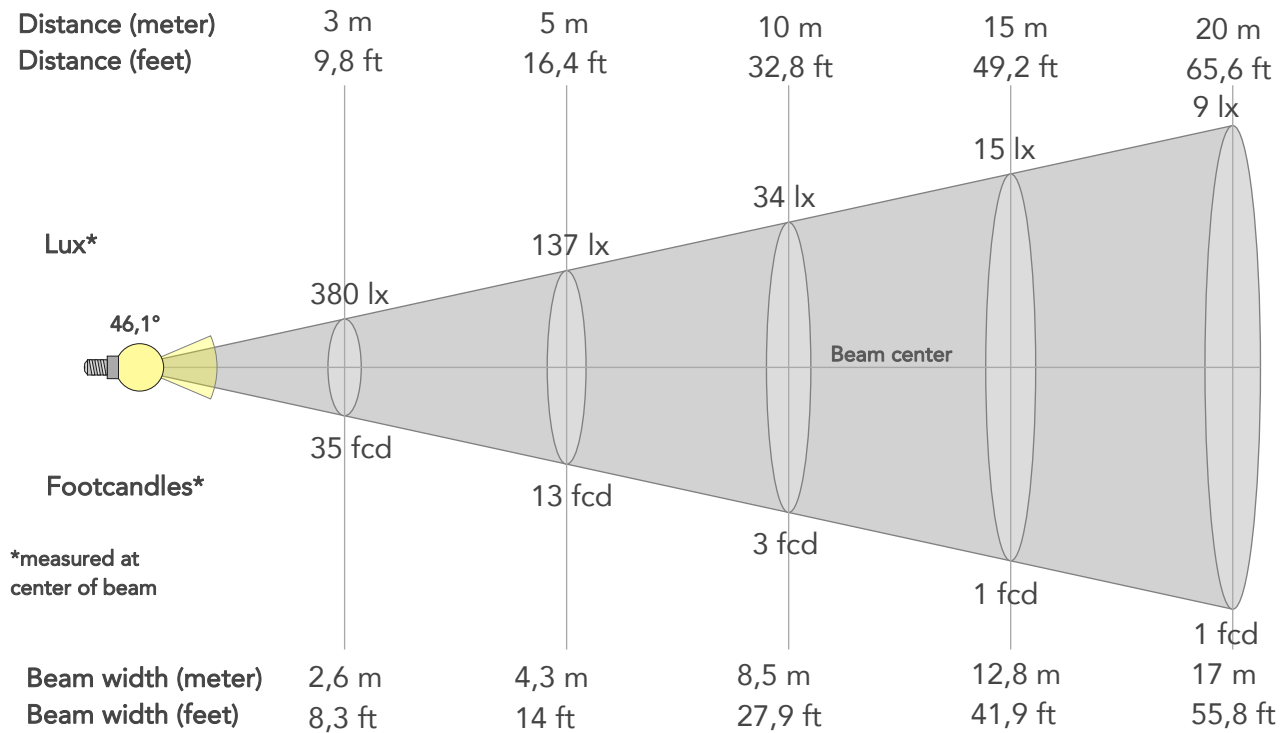
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	2%	0%
2	96	1%	-1%
3	96	1%	-1%
4	95	-2%	-2%
5	93	-4%	0%
6	96	0%	1%
7	95	-1%	2%
8	94	0%	3%
9	93	1%	5%
10	93	1%	4%
11	90	4%	6%
12	93	3%	2%
13	95	3%	0%
14	95	2%	2%
15	91	4%	-2%
16	90	4%	-4%



BEAM DETAILS

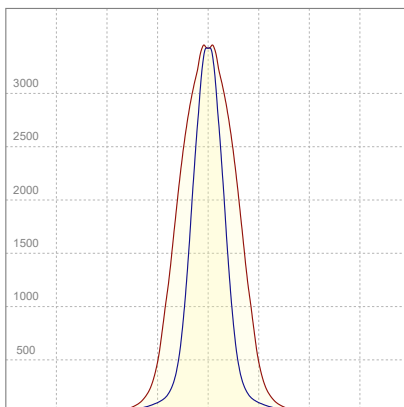
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,1°	77,3°	110,3°	96,5%	88,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	3424lx	856lx	380lx	214lx	137lx	61lx	34lx	15lx	9lx	5lx	4lx	2lx	1lx
Footcand.	318fcd	80fcd	35fcd	20fcd	13fcd	6fcd	3fcd	1fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,5m	12,8m	17m	21,3m	25,5m	34m	42,6m
Beam wid.	2,8ft	5,6ft	8,3ft	11,2ft	14ft	20,9ft	27,9ft	41,9ft	55,8ft	69,8ft	83,8ft	111,7ft	139,6ft

LINEAR DISTRIBUTION DIAGRAM

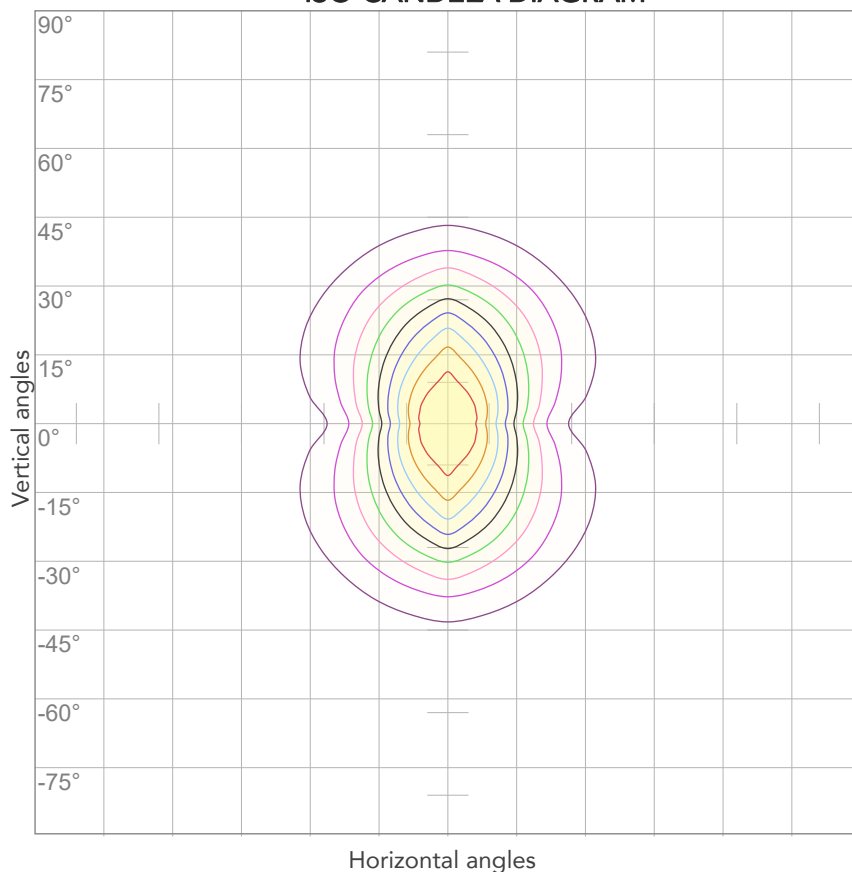


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,249A	53,6W	0,94	47lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



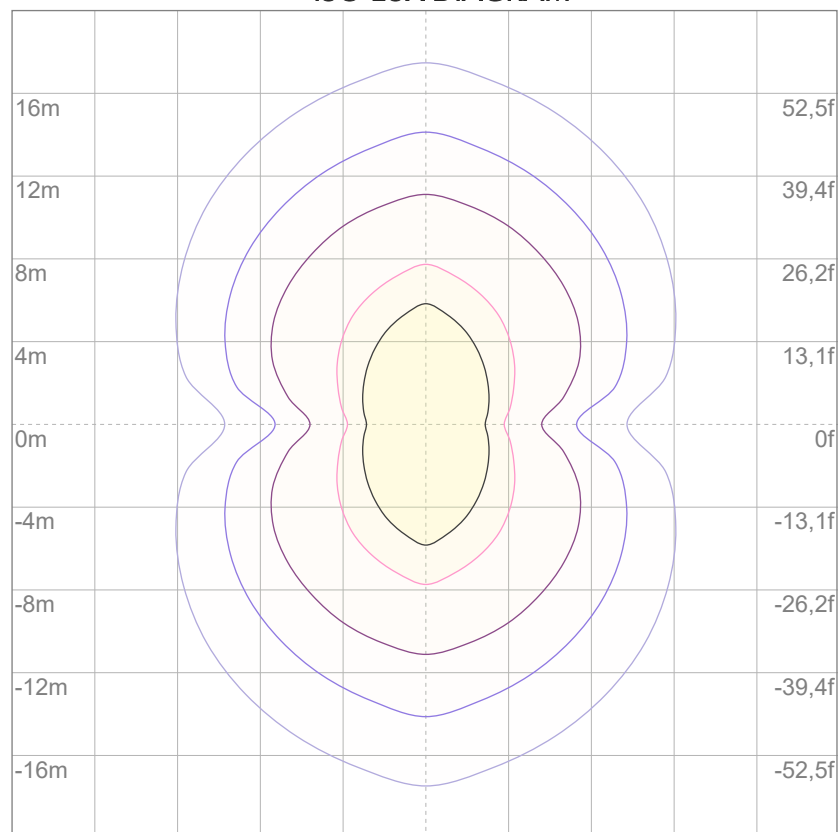
10%	342 cd
20%	685 cd
30%	1027 cd
40%	1370 cd
50%	1712 cd
60%	2055 cd
70%	2397 cd
80%	2740 cd

Conditions:

Number of c-planes: 4

Candela at center: 3424 cd

ISO LUX DIAGRAM



3%	1,03 lx
5%	1,71 lx
10%	3,42 lx
30%	10,3 lx
50%	17,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 34,2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3474 lm

Peak candela output:

48018 cd

Light quality:

CRI: 98,0

Color temperature:

5614 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Narrow Lens

Target:

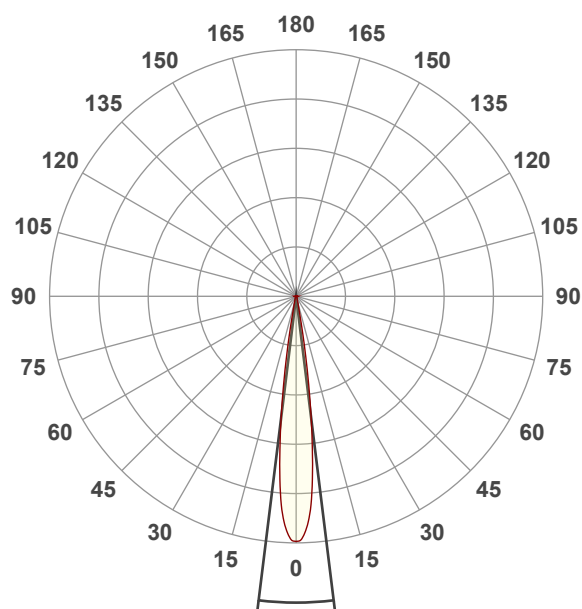
5600K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 13:39:04

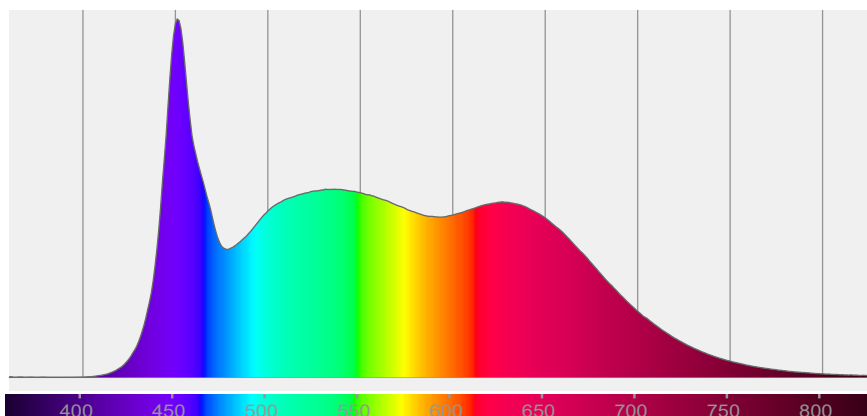


Beam angle 50%: 14,1°

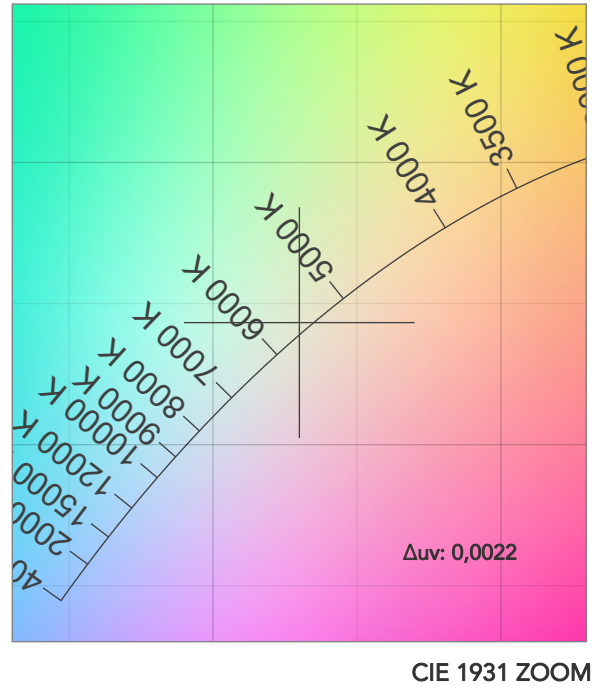
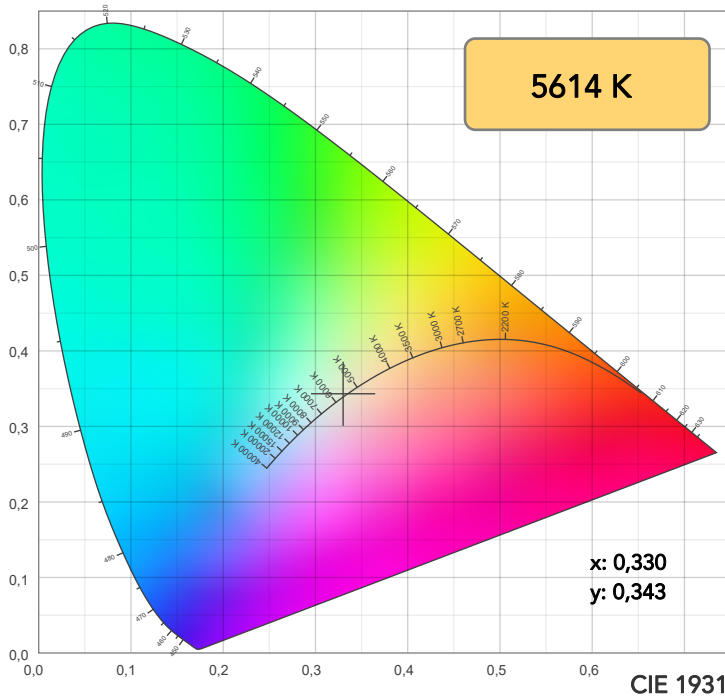
Field angle 10%: 21,8°

Cut off angle 2.5%: 30,6°

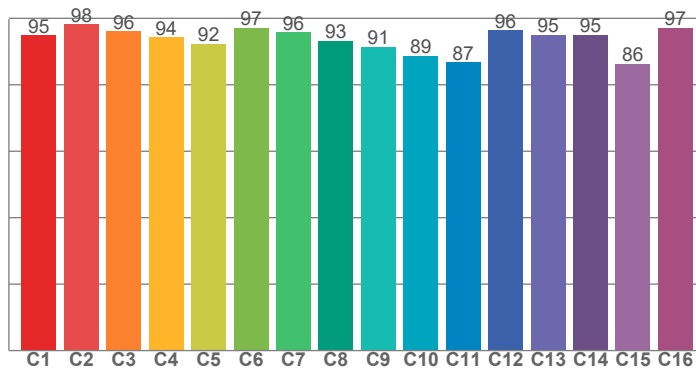
Spectra



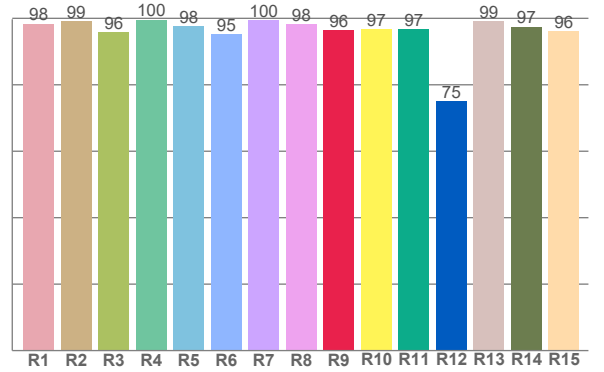
COLOR DETAILS



TM30: 93,4



CRI: 98,0 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,4	99,2	95,9	99,6	97,7	95,3	99,5	98,3	96,4	96,7	96,8	75,1	99,2	97,5	96,2

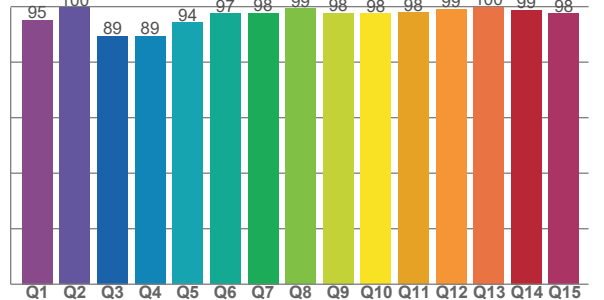
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,0	98,2	96,0	94,3	92,4	97,1	95,7	93,2	91,4	88,8	86,8	96,4	95,1	95,0	86,3	97,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,2	99,6	89,4	89,4	94,4	97,4	97,7	99,3	97,6	97,6	97,9	99,1	99,8	98,8	97,6

CQS: 95,4



COLOR PARAMETERS

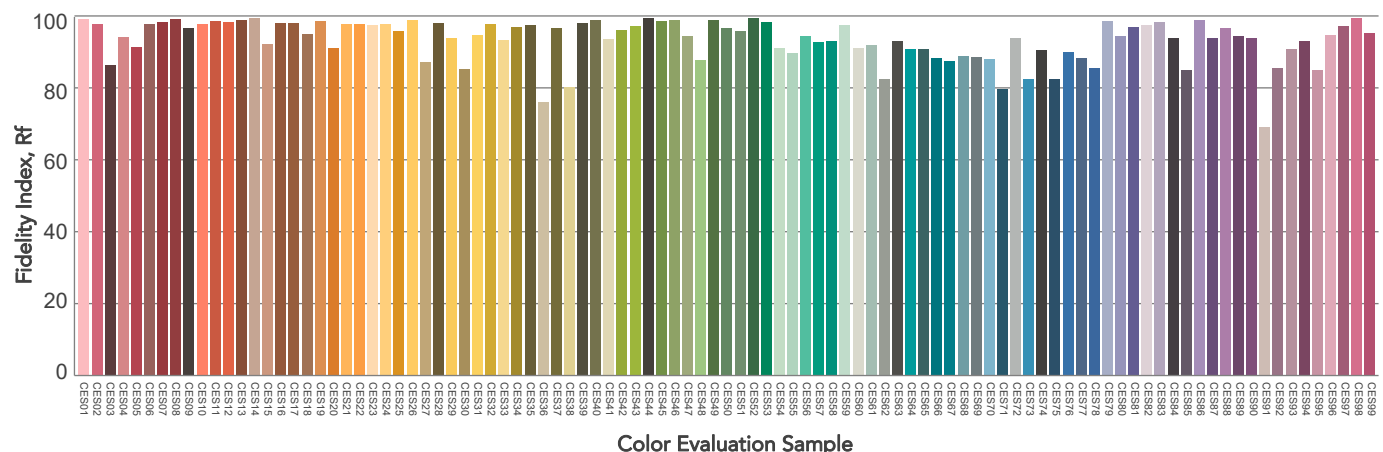
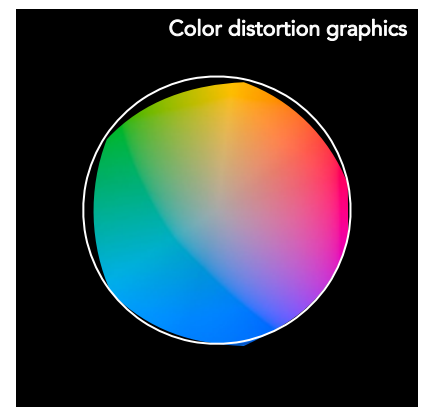
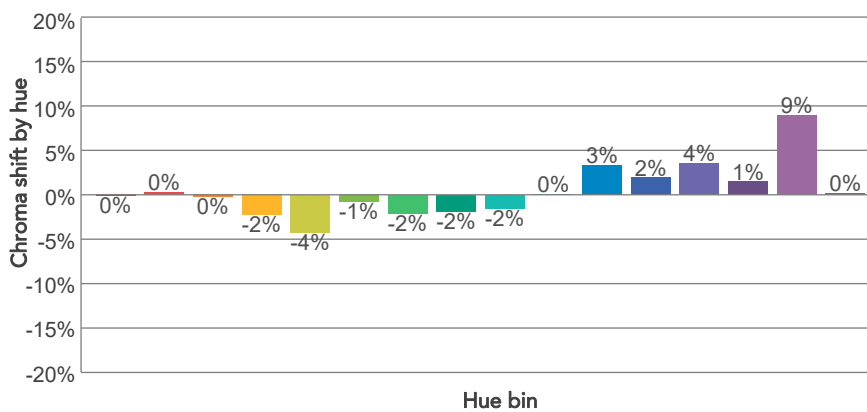
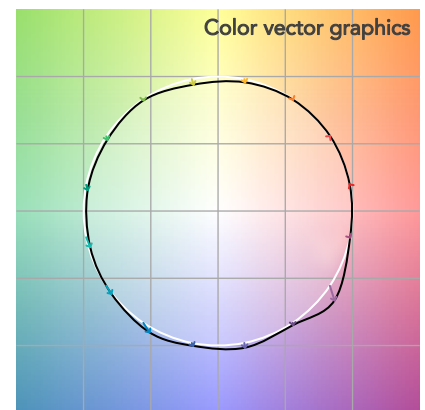
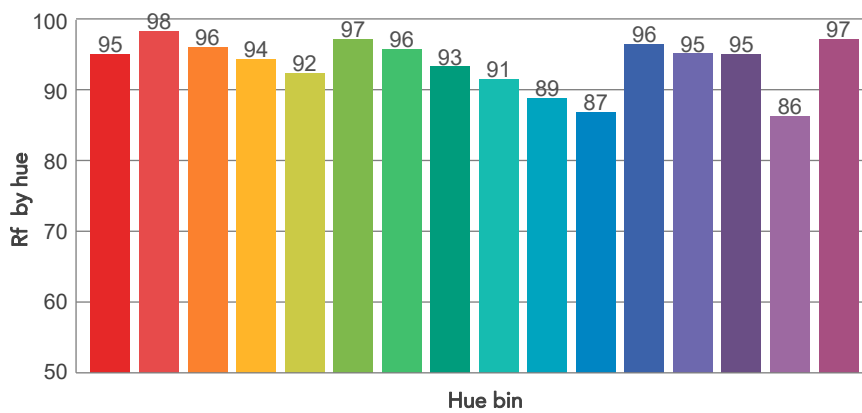
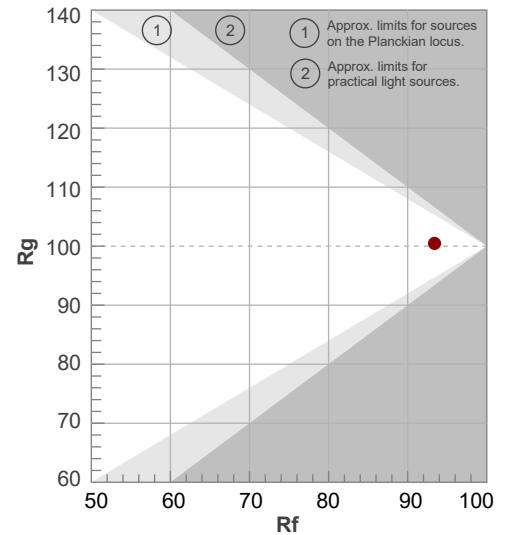
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5614 K	98,0	96,4	93,4	100,5	95,4	99	0,330	0,343	0,0022

TM30 DETAILS

Rf 93,4
Fidelity index Rf

Rg 100,5
Gammut index

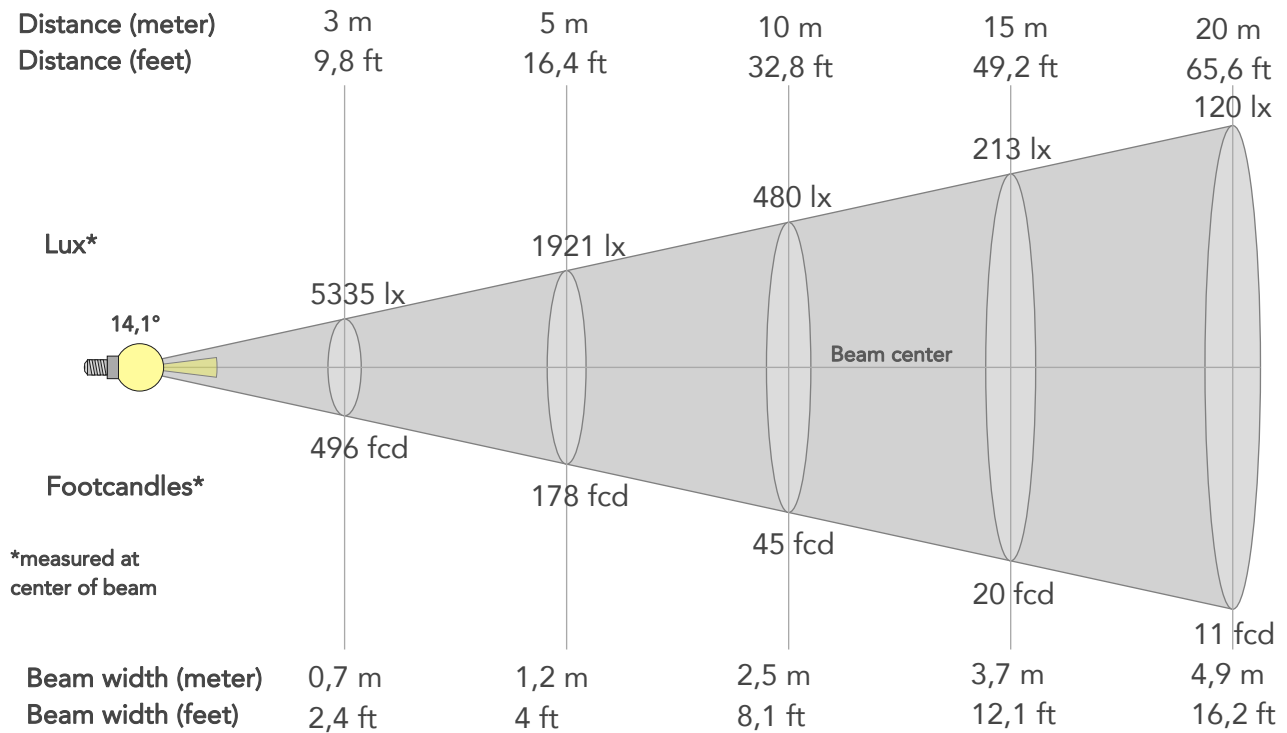
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	0%
2	98	0%	0%
3	96	0%	0%
4	94	-2%	-1%
5	92	-4%	0%
6	97	-1%	0%
7	96	-2%	2%
8	93	-2%	4%
9	91	-2%	8%
10	89	0%	7%
11	87	3%	8%
12	96	2%	1%
13	95	4%	0%
14	95	1%	-1%
15	86	9%	-7%
16	97	0%	0%



BEAM DETAILS



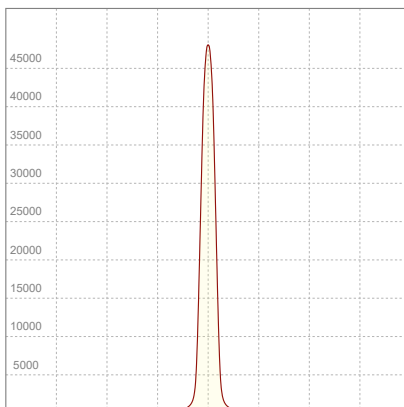
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,1°	21,8°	30,6°	97,6%	94,5%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	48018lx	12004lx	5335lx	3001lx	1921lx	854lx	480lx	213lx	120lx	77lx	53lx	30lx	19lx
Footcand.	4461fcd	1115fcd	496fcd	279fcd	178fcd	79fcd	45fcd	20fcd	11fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,9m	2,5m	3,7m	4,9m	6,2m	7,4m	9,9m	12,3m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6,1ft	8,1ft	12,1ft	16,2ft	20,2ft	24,3ft	32,4ft	40,5ft

LINEAR DISTRIBUTION DIAGRAM

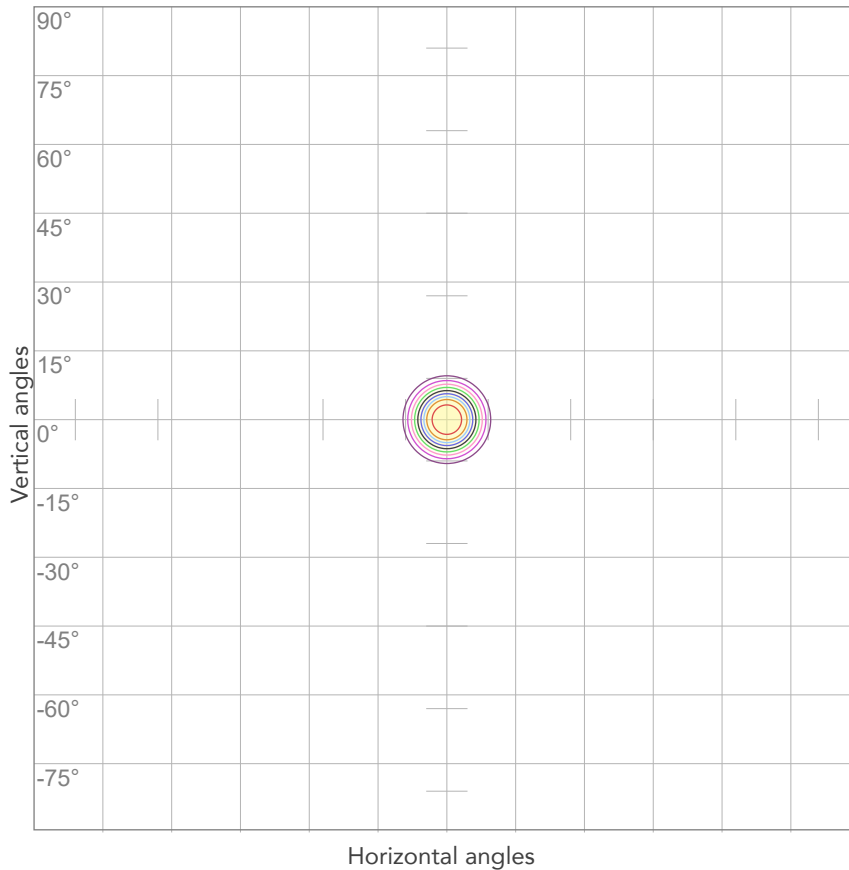


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,283A	61,5W	0,95	56lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



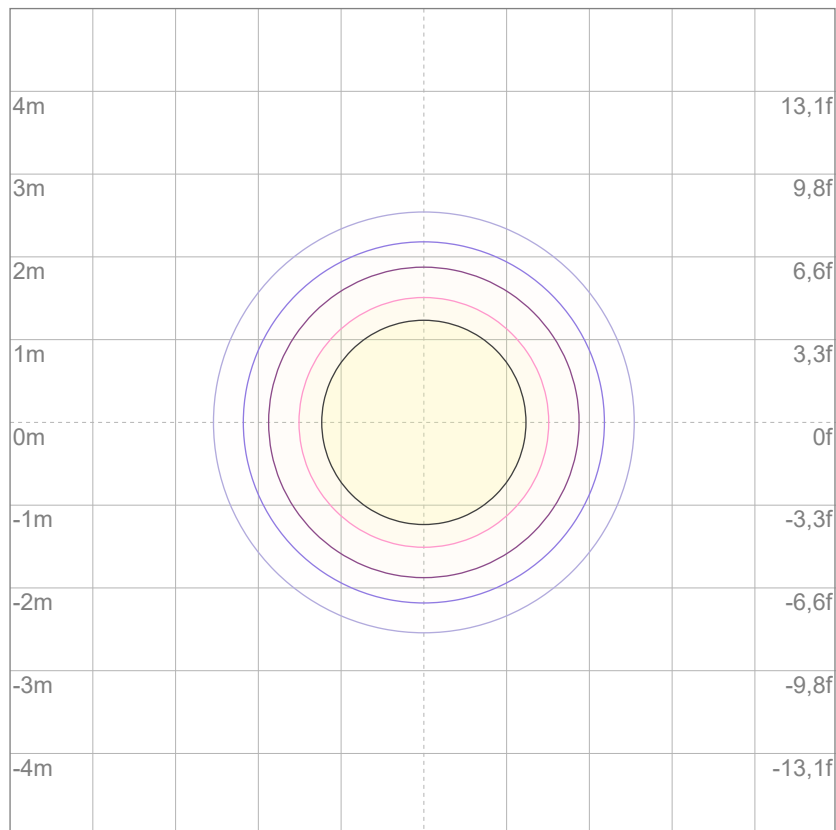
10%	4802 cd
20%	9604 cd
30%	14405 cd
40%	19207 cd
50%	24009 cd
60%	28811 cd
70%	33612 cd
80%	38414 cd

Conditions:

Number of c-planes: 2

Candela at center: 48018 cd

ISO LUX DIAGRAM



3%	14,4 lx
5%	24,0 lx
10%	48,0 lx
30%	144 lx
50%	240 lx

Conditions:

Number of c-planes: 2

Lux at center: 480 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3554 lm

Peak candela output:

13009 cd

Light quality:

CRI: 98,0

Color temperature:

5619 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Medium Lens

Target:

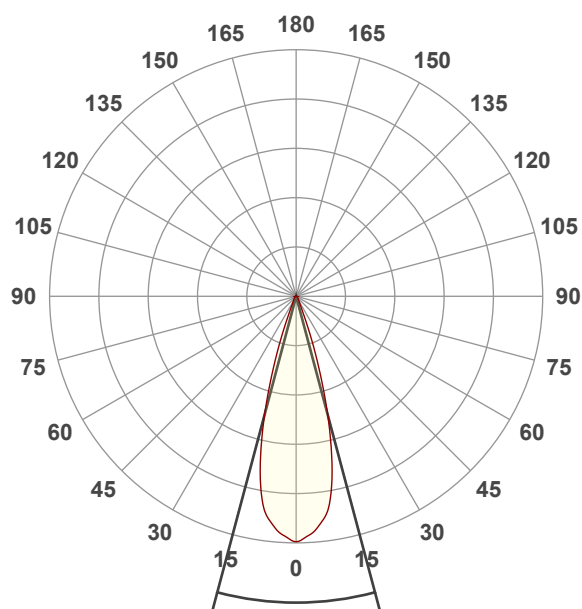
5600K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 16:21:26

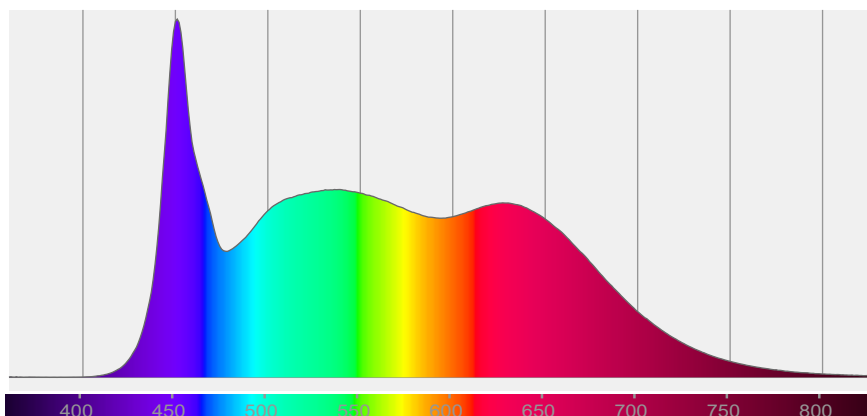


Beam angle 50%: 29,8°

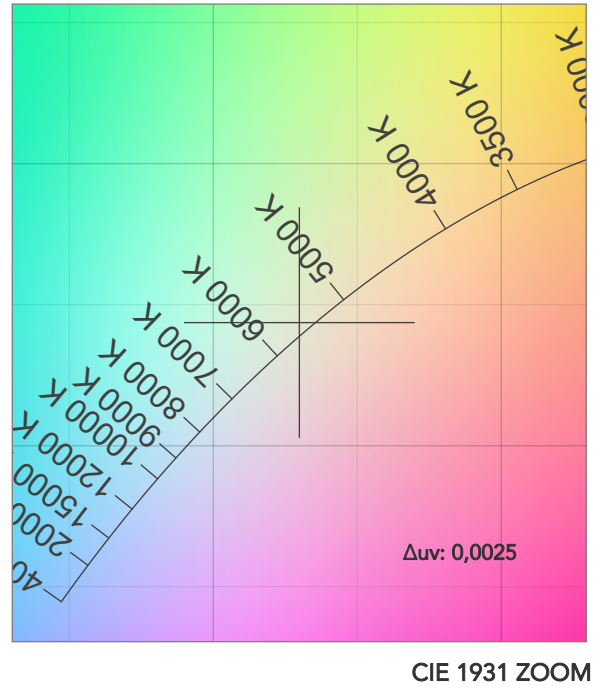
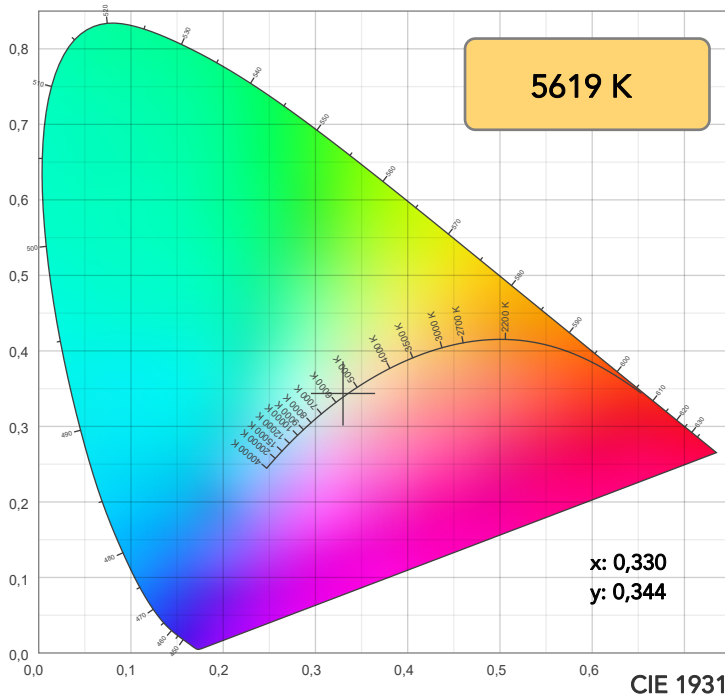
Field angle 10%: 43,4°

Cut off angle 2.5%: 59,3°

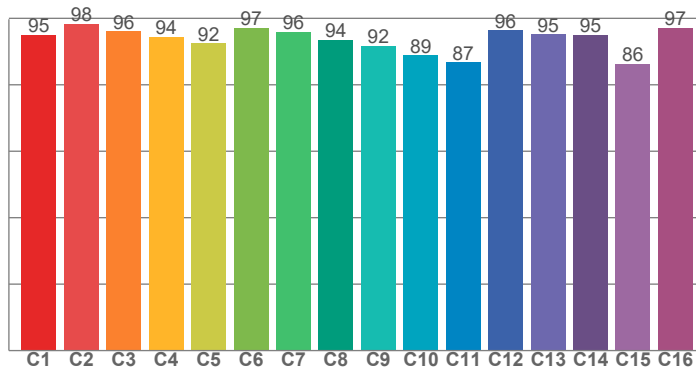
Spectra



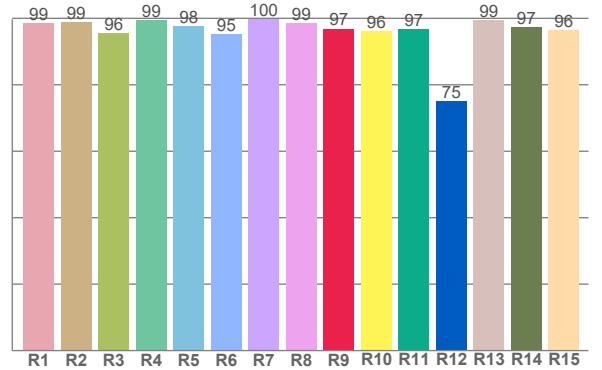
COLOR DETAILS



TM30: 93,5



CRI: 98,0 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,6	99,0	95,6	99,4	97,7	95,2	99,8	98,5	96,9	96,2	96,6	75,1	99,4	97,4	96,4

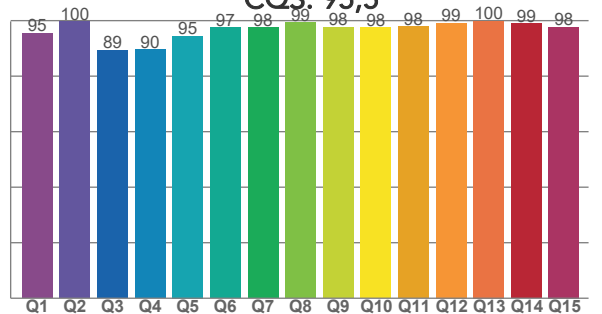
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,1	98,4	96,1	94,4	92,5	97,2	95,9	93,6	91,7	88,9	86,7	96,3	95,2	95,0	86,3	97,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,5	99,7	89,3	89,5	94,5	97,5	97,5	99,3	97,6	97,5	97,9	99,1	99,8	99,0	97,8

CQS: 95,5



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5619 K	98,0	96,9	93,5	100,5	95,5	99	0,330	0,344	0,0025

TM30 DETAILS

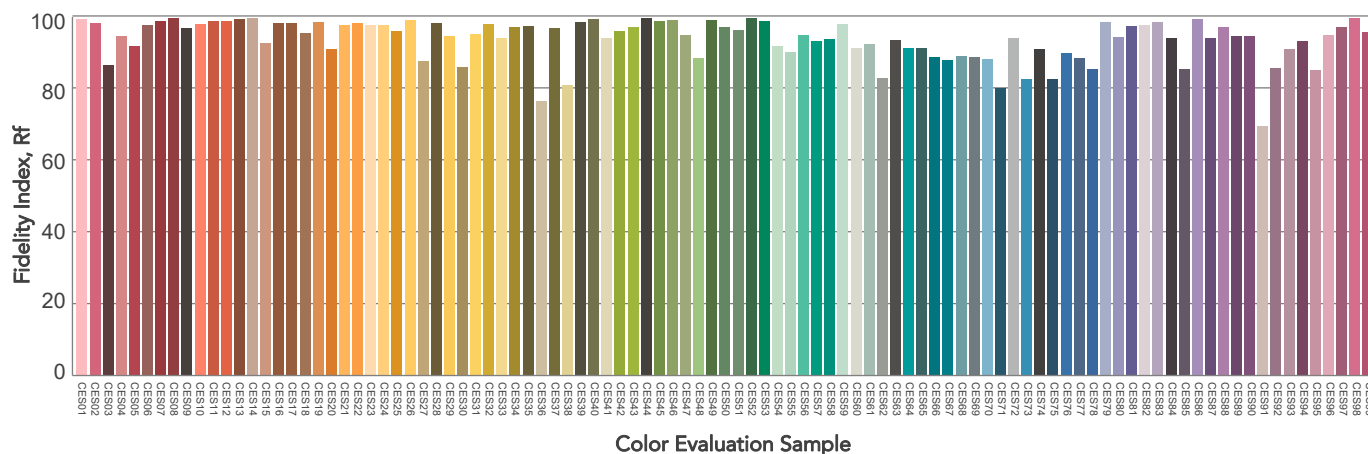
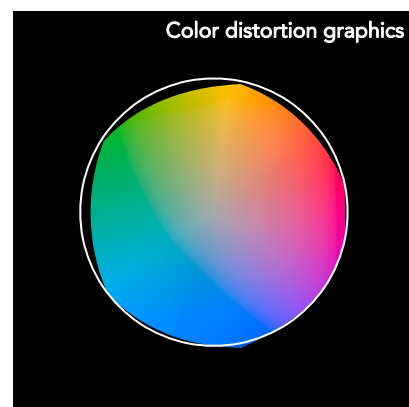
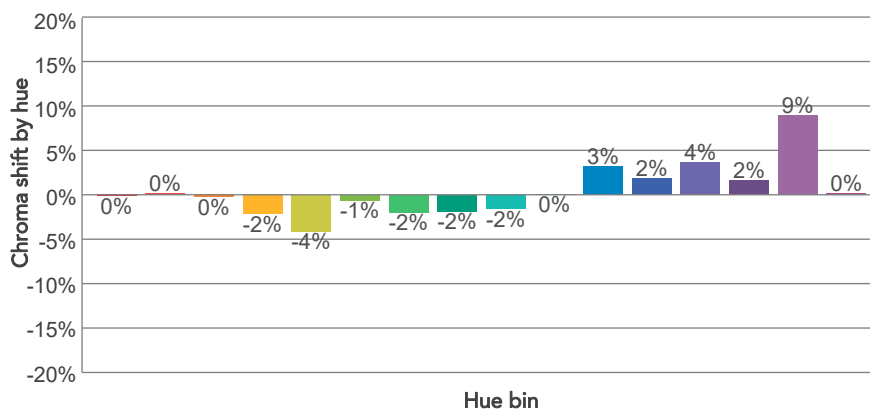
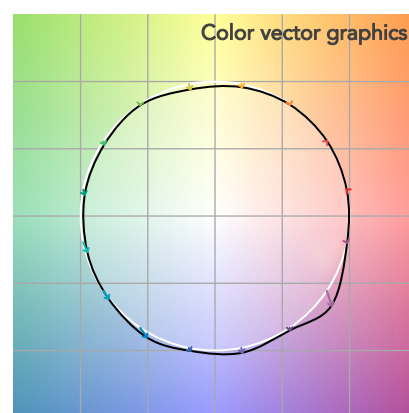
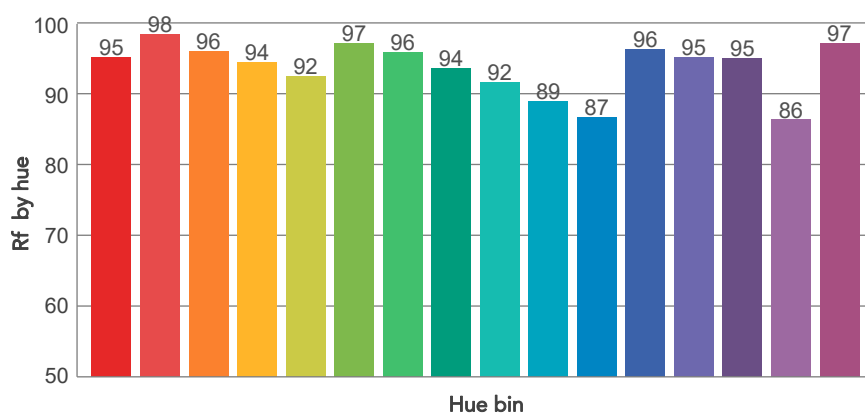
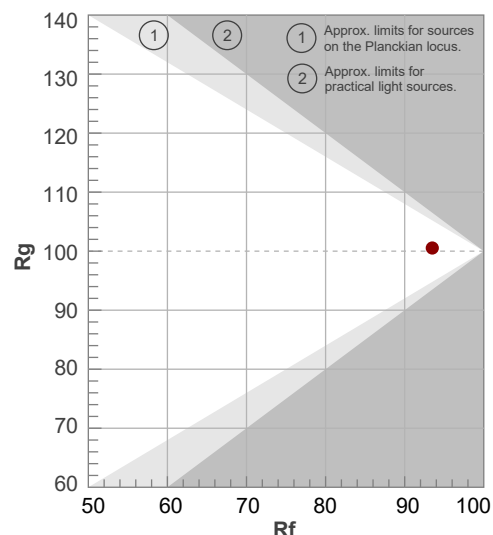
Rf 93,5

Fidelity index Rf

Rg 100,5

Gammut index

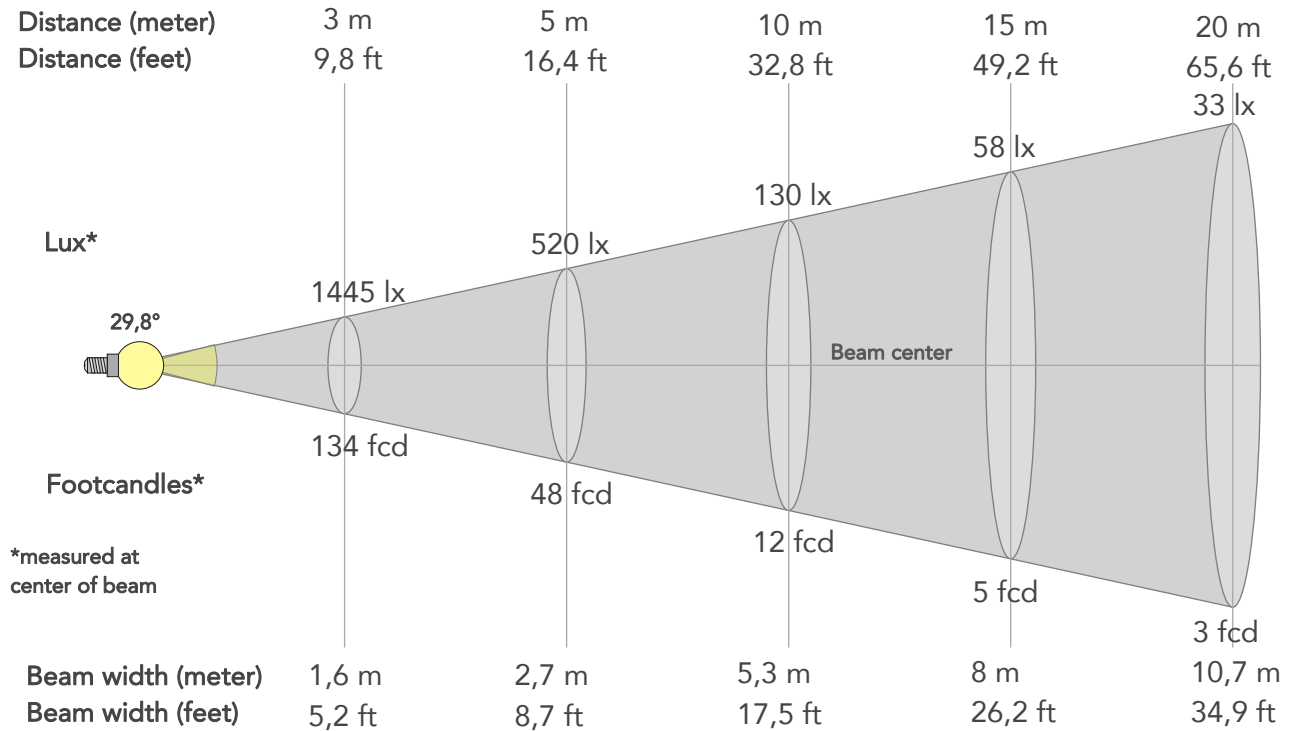
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	0%
2	98	0%	0%
3	96	0%	0%
4	94	-2%	-1%
5	92	-4%	0%
6	97	-1%	0%
7	96	-2%	2%
8	94	-2%	3%
9	92	-2%	8%
10	89	0%	7%
11	87	3%	8%
12	96	2%	2%
13	95	4%	0%
14	95	2%	-1%
15	86	9%	-7%
16	97	0%	0%



BEAM DETAILS



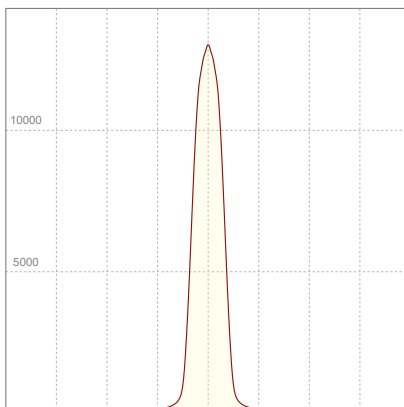
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,8°	43,4°	59,3°	97,4%	94,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	13009lx	3252lx	1445lx	813lx	520lx	231lx	130lx	58lx	33lx	21lx	14lx	8lx	5lx
Footcand.	1209fcd	302fcd	134fcd	76fcd	48fcd	21fcd	12fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1,1m	1,6m	2,1m	2,7m	4m	5,3m	8m	10,7m	13,3m	16m	21,3m	26,6m
Beam wid.	1,8ft	3,5ft	5,2ft	7ft	8,7ft	13,1ft	17,5ft	26,2ft	34,9ft	43,7ft	52,4ft	69,9ft	87,4ft

LINEAR DISTRIBUTION DIAGRAM

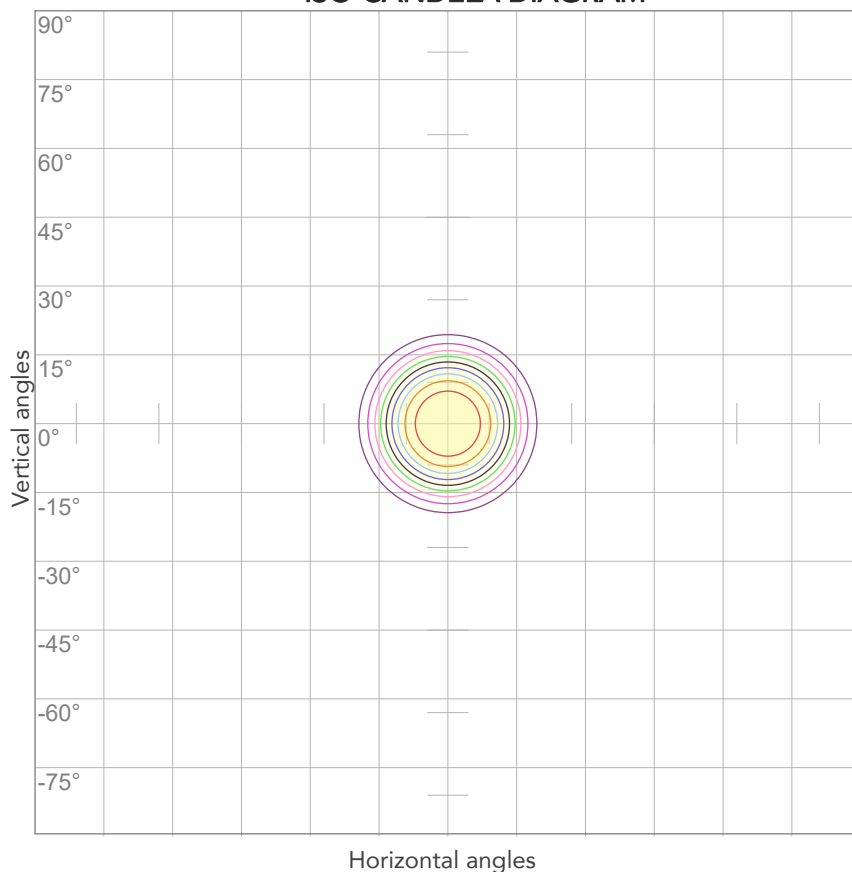


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,286A	62,2W	0,95	57lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



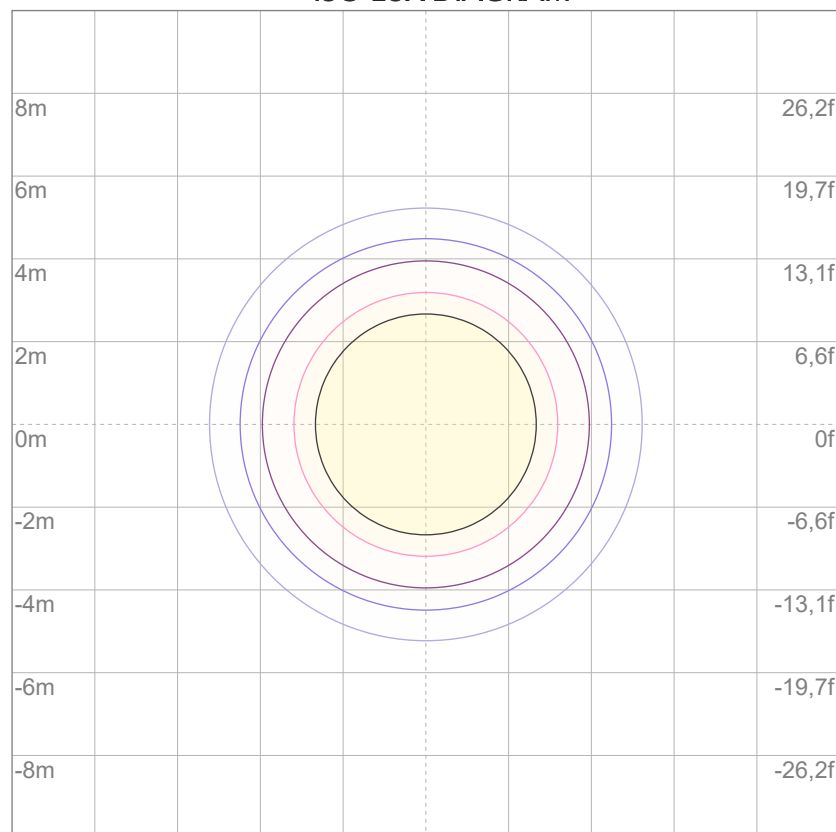
10%	1301 cd
20%	2602 cd
30%	3903 cd
40%	5204 cd
50%	6504 cd
60%	7805 cd
70%	9106 cd
80%	10407 cd

Conditions:

Number of c-planes: 2

Candela at center: 13009 cd

ISO LUX DIAGRAM



3%	3,90 lx
5%	6,50 lx
10%	13,0 lx
30%	39,0 lx
50%	65,0 lx

Conditions:

Number of c-planes: 2

Lux at center: 130 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

3113 lm

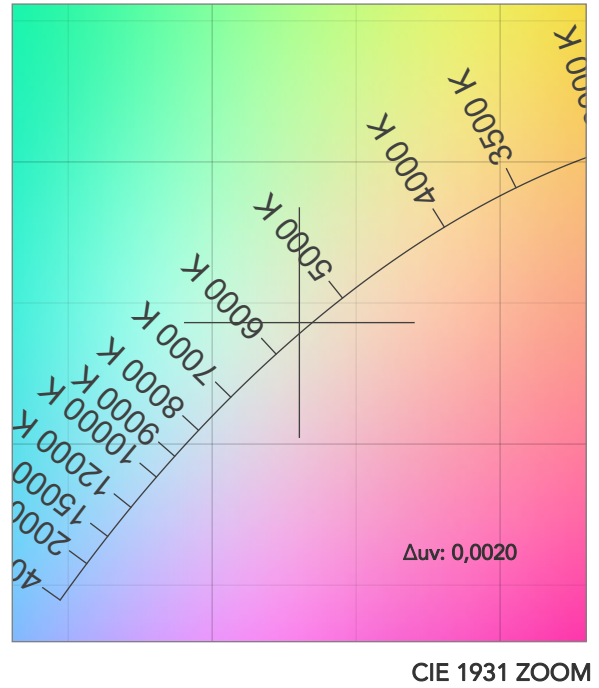
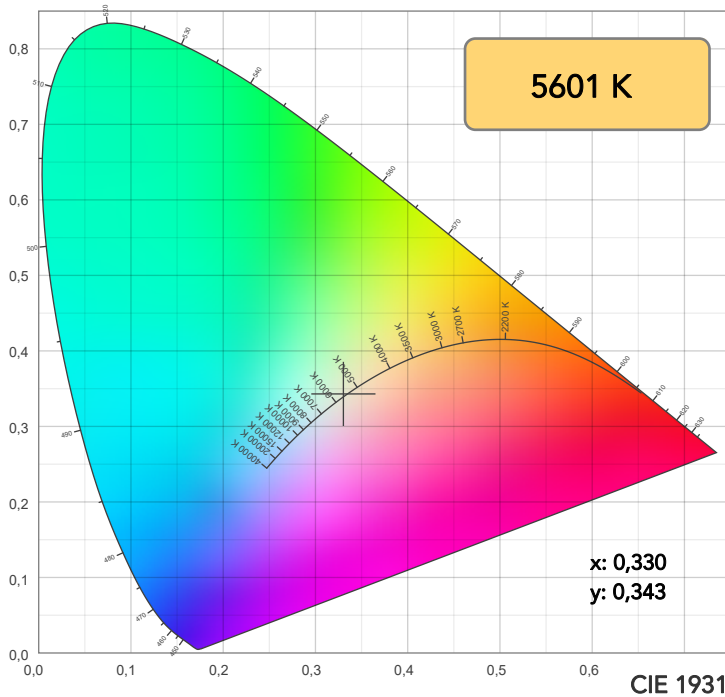
4036 cd

CRI: 98,0

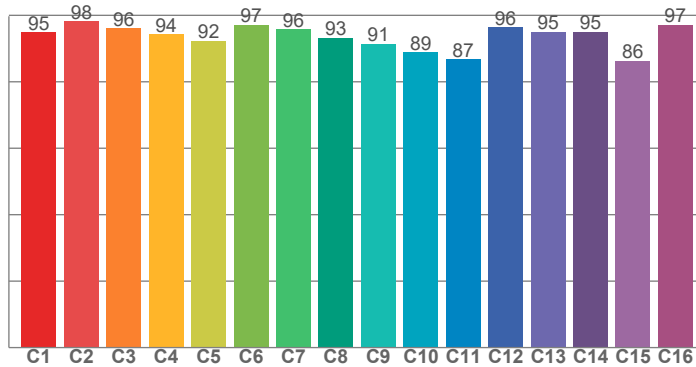
5601 K

Cut off angle 2.5%: 97,3°

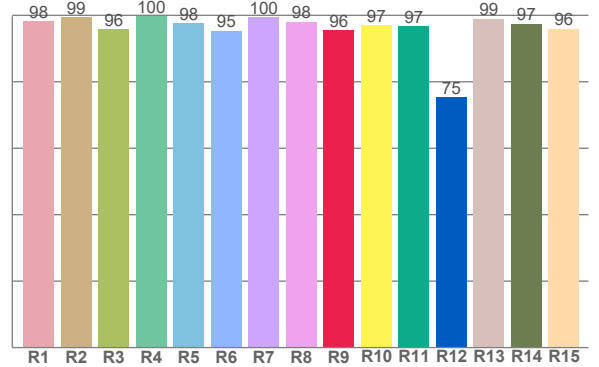
COLOR DETAILS



TM30: 93,4



CRI: 98,0 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,2	99,3	95,9	99,7	97,8	95,4	99,5	98,1	95,6	97,1	96,7	75,3	99,0	97,5	96,0

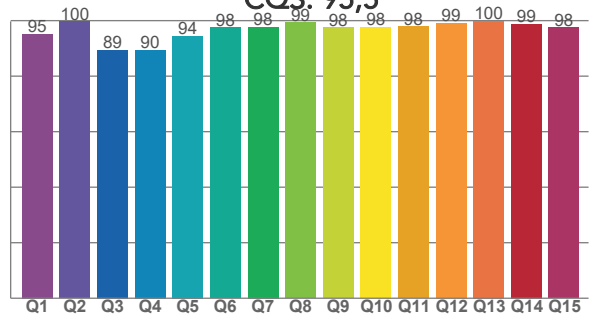
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,9	98,2	96,0	94,3	92,4	97,1	95,8	93,2	91,4	88,9	86,8	96,5	95,1	95,0	86,3	97,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,2	99,6	89,5	89,5	94,5	97,6	97,8	99,4	97,6	97,7	98,0	99,1	99,8	98,7	97,5

CQS: 95,5



COLOR PARAMETERS

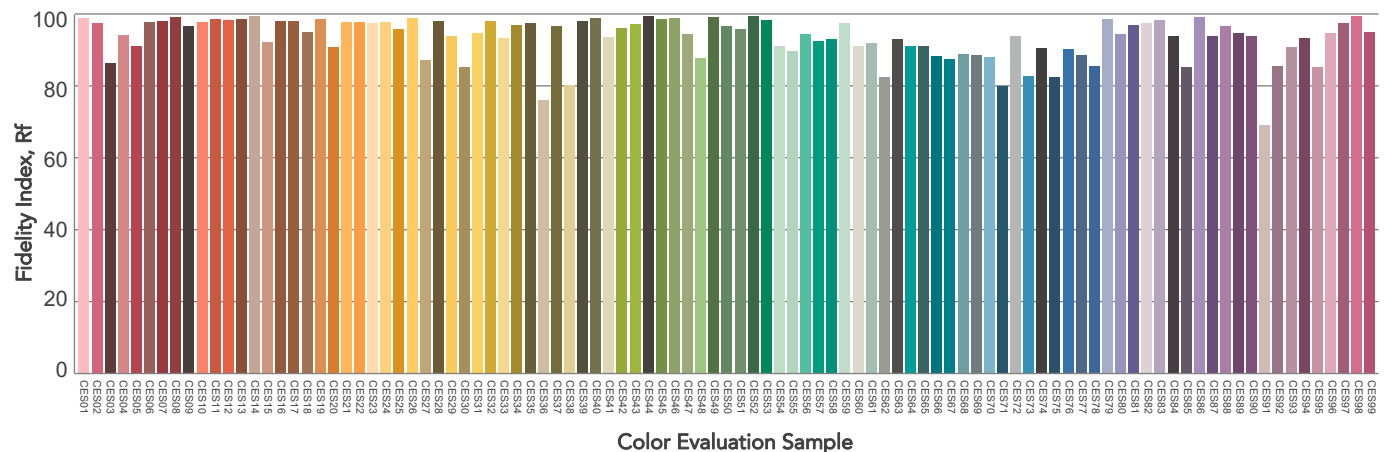
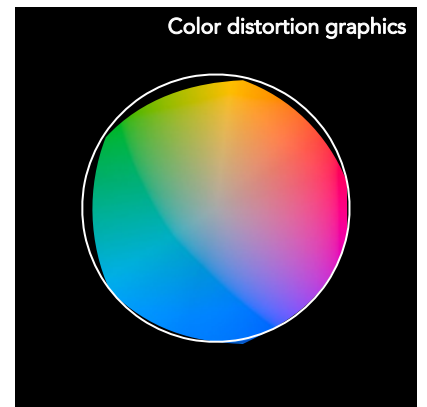
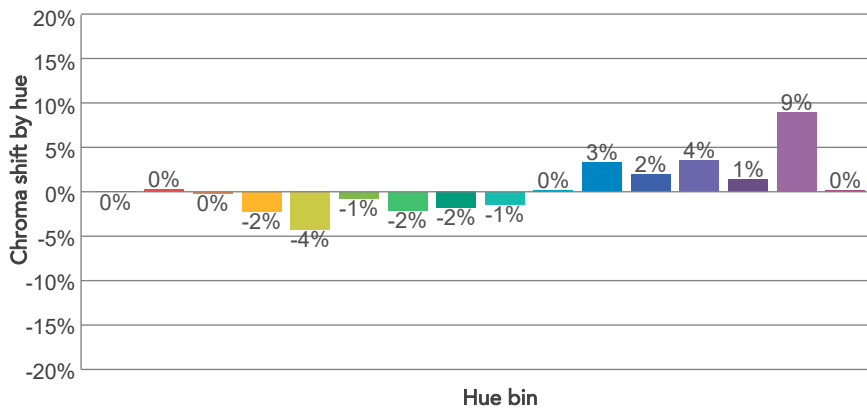
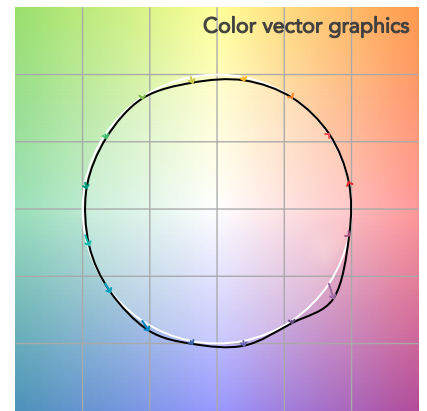
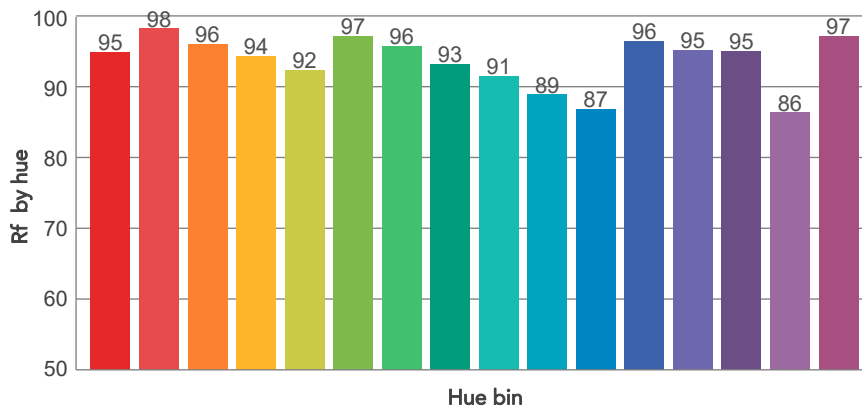
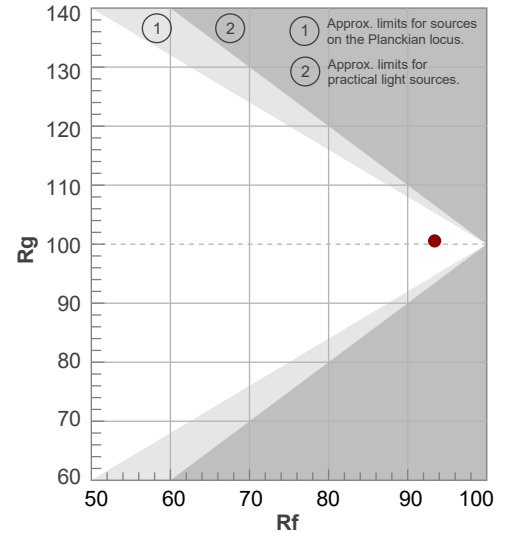
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5601 K	98,0	95,6	93,4	100,5	95,5	99	0,330	0,343	0,0020

TM30 DETAILS

Rf 93,4
Fidelity index Rf

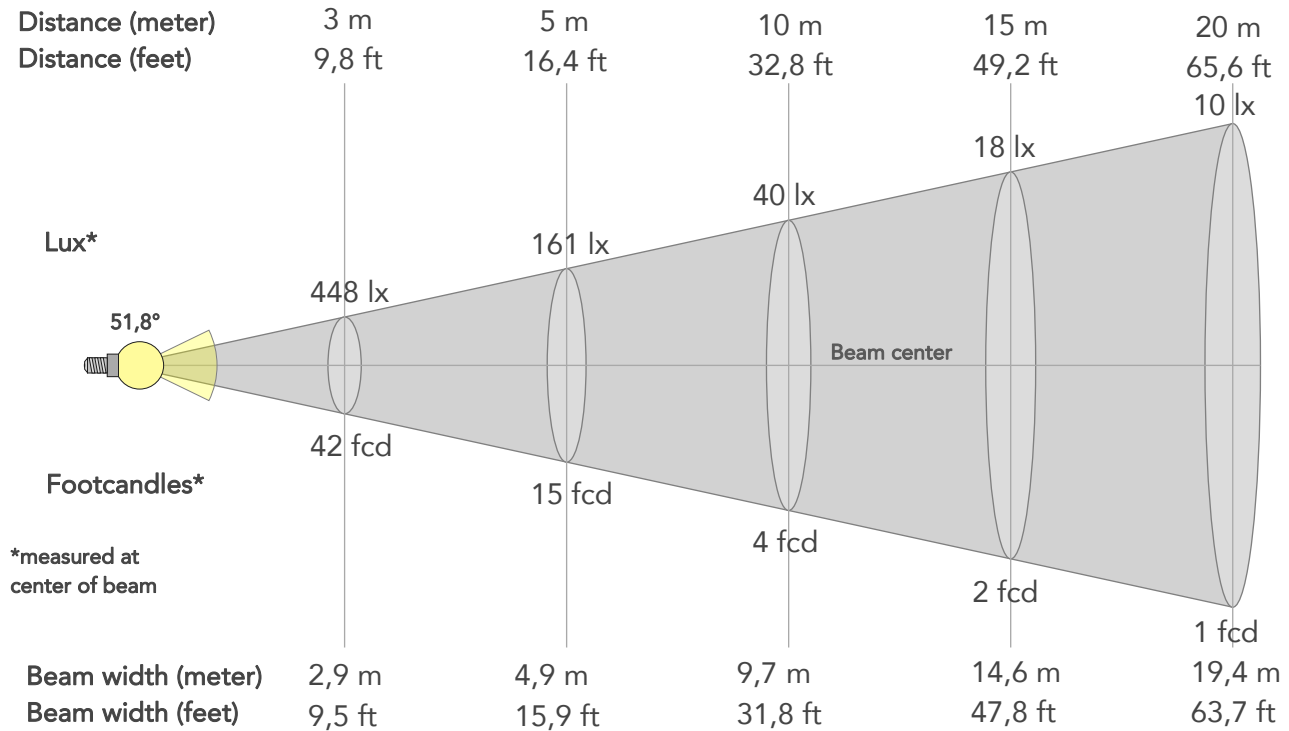
Rg 100,5
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	0%
2	98	0%	0%
3	96	0%	0%
4	94	-2%	-1%
5	92	-4%	0%
6	97	-1%	0%
7	96	-2%	2%
8	93	-2%	4%
9	91	-1%	8%
10	89	0%	7%
11	87	3%	8%
12	96	2%	1%
13	95	4%	0%
14	95	1%	-1%
15	86	9%	-7%
16	97	0%	0%



BEAM DETAILS

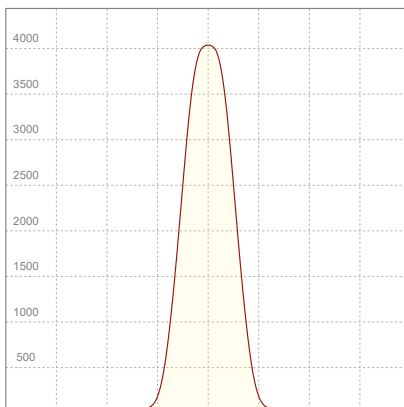
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
51,8°	80,8°	97,3°	98,3%	95,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4036lx	1009lx	448lx	252lx	161lx	72lx	40lx	18lx	10lx	6lx	4lx	3lx	2lx
Footcand.	375fcd	94fcd	42fcd	23fcd	15fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	1,9m	2,9m	3,9m	4,9m	7,3m	9,7m	14,6m	19,4m	24,3m	29,1m	38,8m	48,5m
Beam wid.	3,2ft	6,4ft	9,5ft	12,7ft	15,9ft	23,9ft	31,8ft	47,8ft	63,7ft	79,6ft	95,5ft	127,3ft	159,2ft

LINEAR DISTRIBUTION DIAGRAM

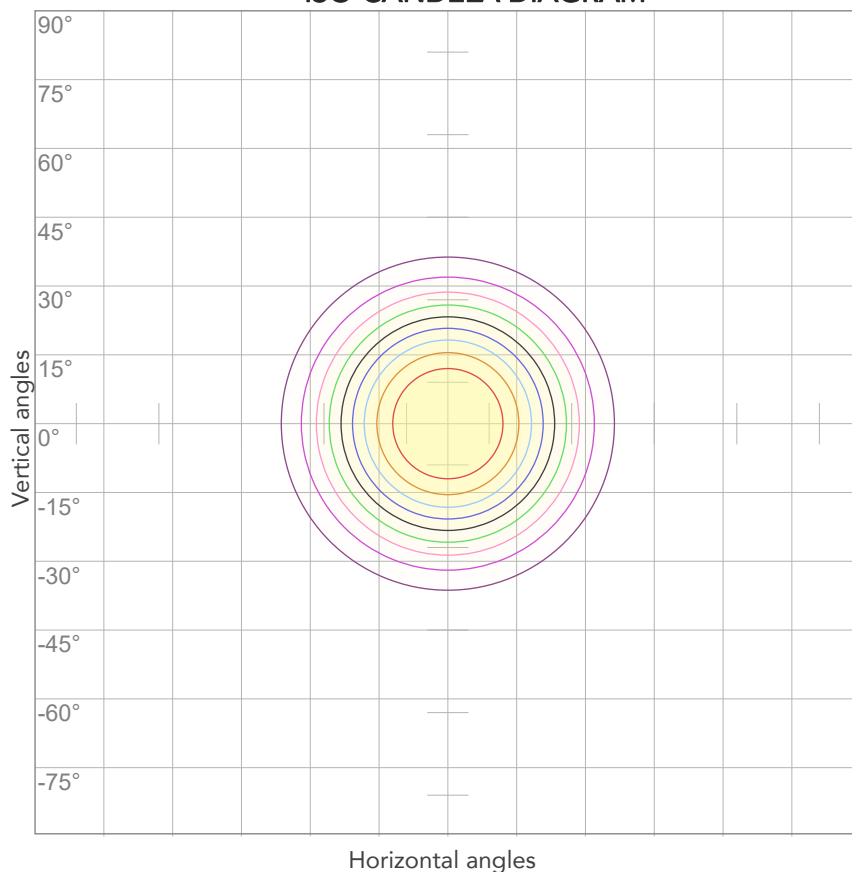


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,273A	59,3W	0,95	53lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



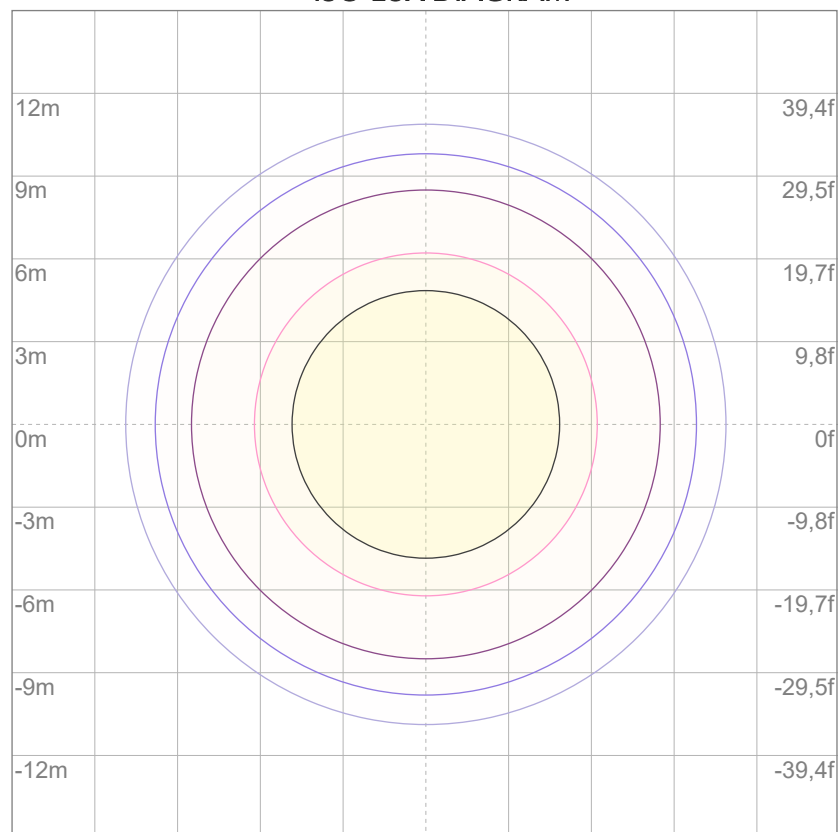
10%	404 cd
20%	807 cd
30%	1211 cd
40%	1614 cd
50%	2018 cd
60%	2422 cd
70%	2825 cd
80%	3229 cd

Conditions:

Number of c-planes: 2

Candela at center: 4036 cd

ISO LUX DIAGRAM



3%	1,21 lx
5%	2,02 lx
10%	4,04 lx
30%	12,1 lx
50%	20,2 lx

Conditions:

Number of c-planes: 2

Lux at center: 40,4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3227 lm

Peak candela output:

23511 cd

Light quality:

CRI: 97,9

Color temperature:

5652 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x20° Filter

Target:

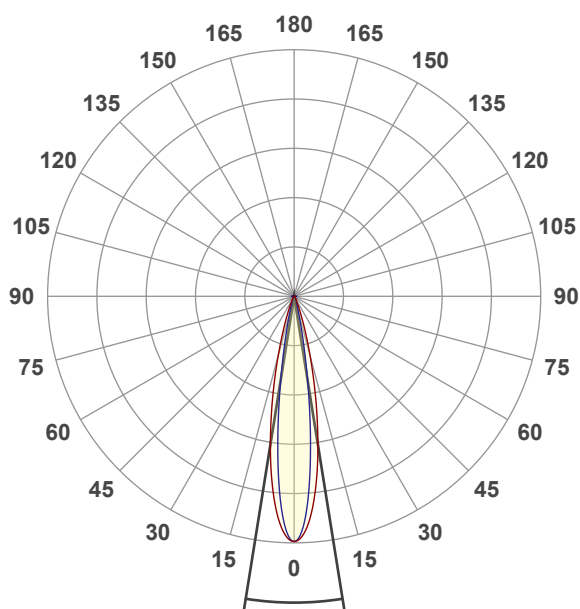
5600K

Operator:

Giuseppe della Peruta

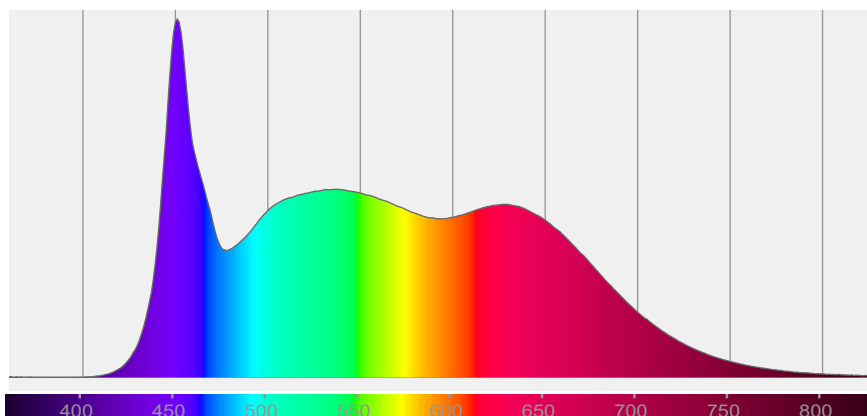
Date and time:

04/08/2025 16:34:15

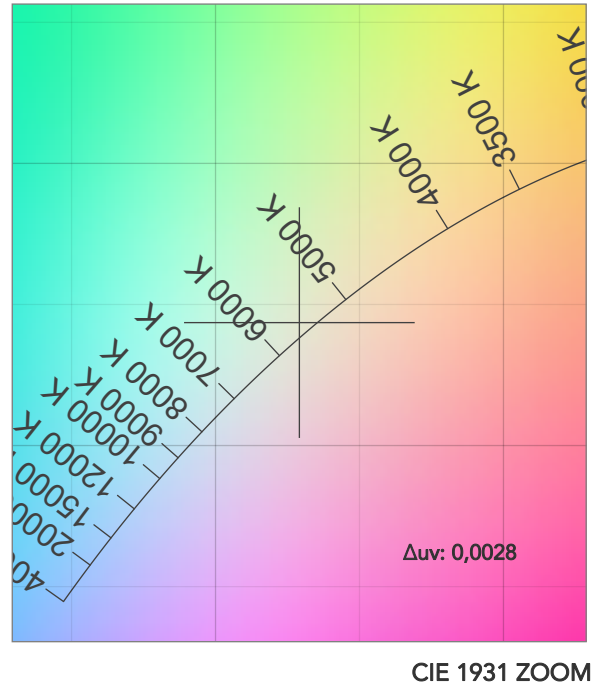
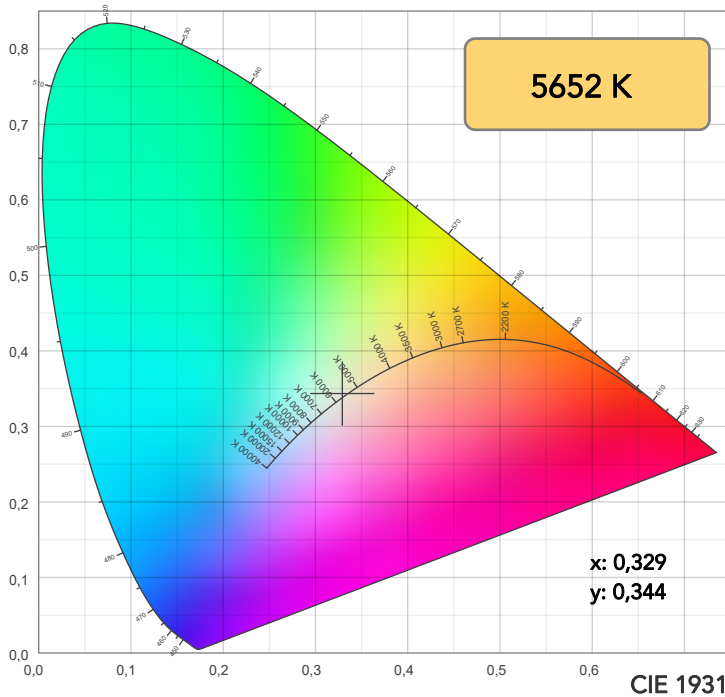


	Blue curve V	Red curve H
Beam angle 50%:	14,8°	21,6°
Field angle 10%:	27,3°	38,7°
Cut off angle 2.5%:	41,8°	52,4°

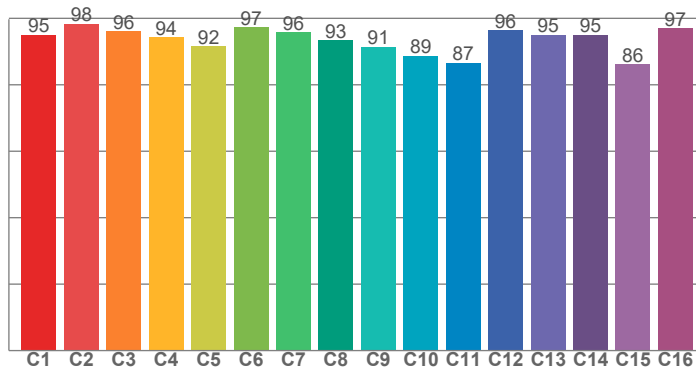
Spectra



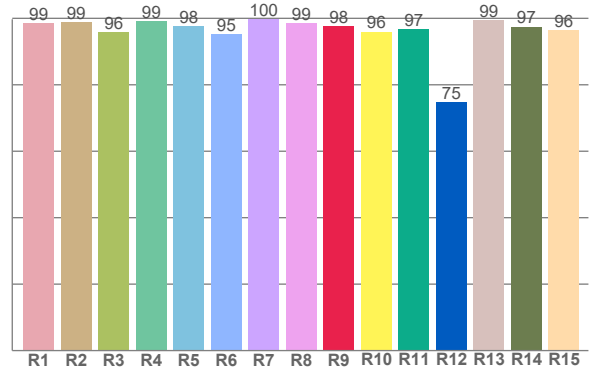
COLOR DETAILS



TM30: 93,4



CRI: 97,9 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,6	98,9	95,7	99,2	97,5	95,1	99,6	98,7	97,8	96,0	96,8	74,7	99,4	97,5	96,4

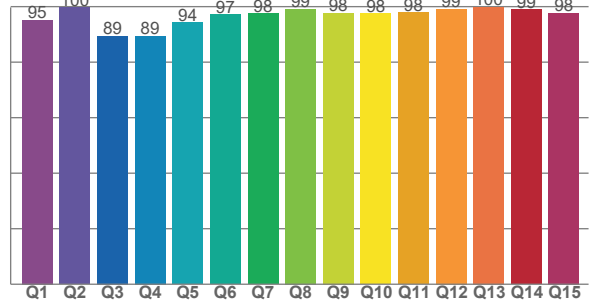
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,1	98,4	96,0	94,3	91,7	97,3	95,7	93,3	91,5	88,8	86,7	96,4	95,0	95,0	86,2	97,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,2	99,6	89,4	89,4	94,3	97,2	97,5	99,2	97,7	97,6	98,0	99,2	99,8	99,1	97,7

CQS: 95,4



COLOR PARAMETERS

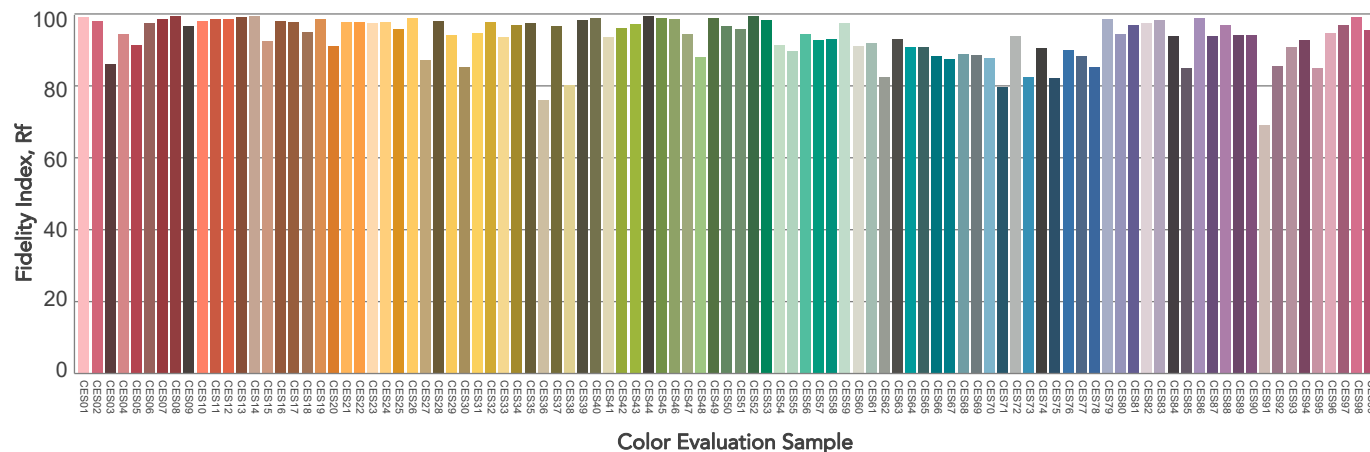
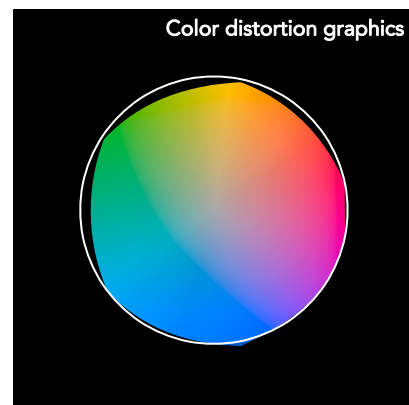
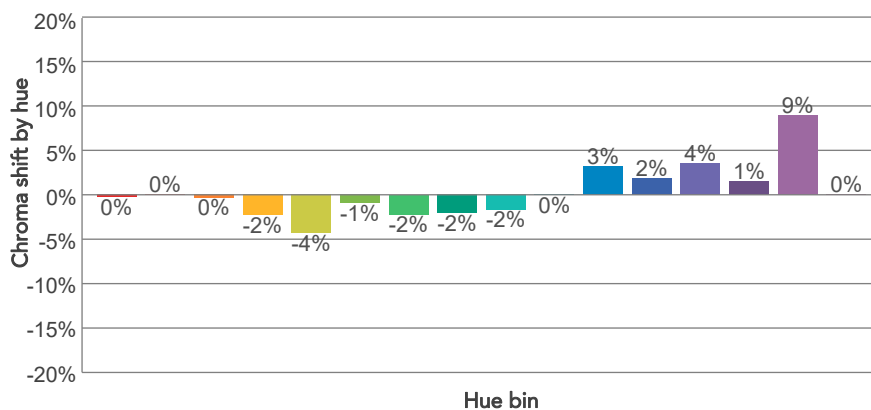
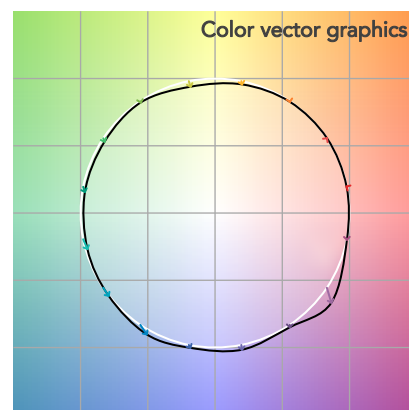
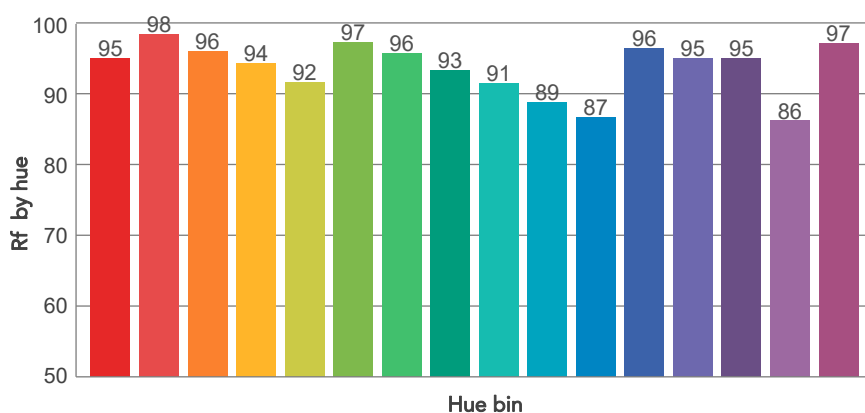
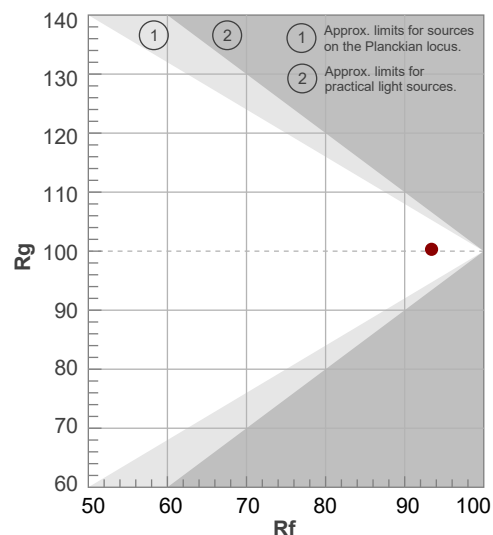
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5652 K	97,9	97,8	93,4	100,3	95,4	99	0,329	0,344	0,0028

TM30 DETAILS

Rf 93,4
Fidelity index Rf

Rg 100,3
Gammut index

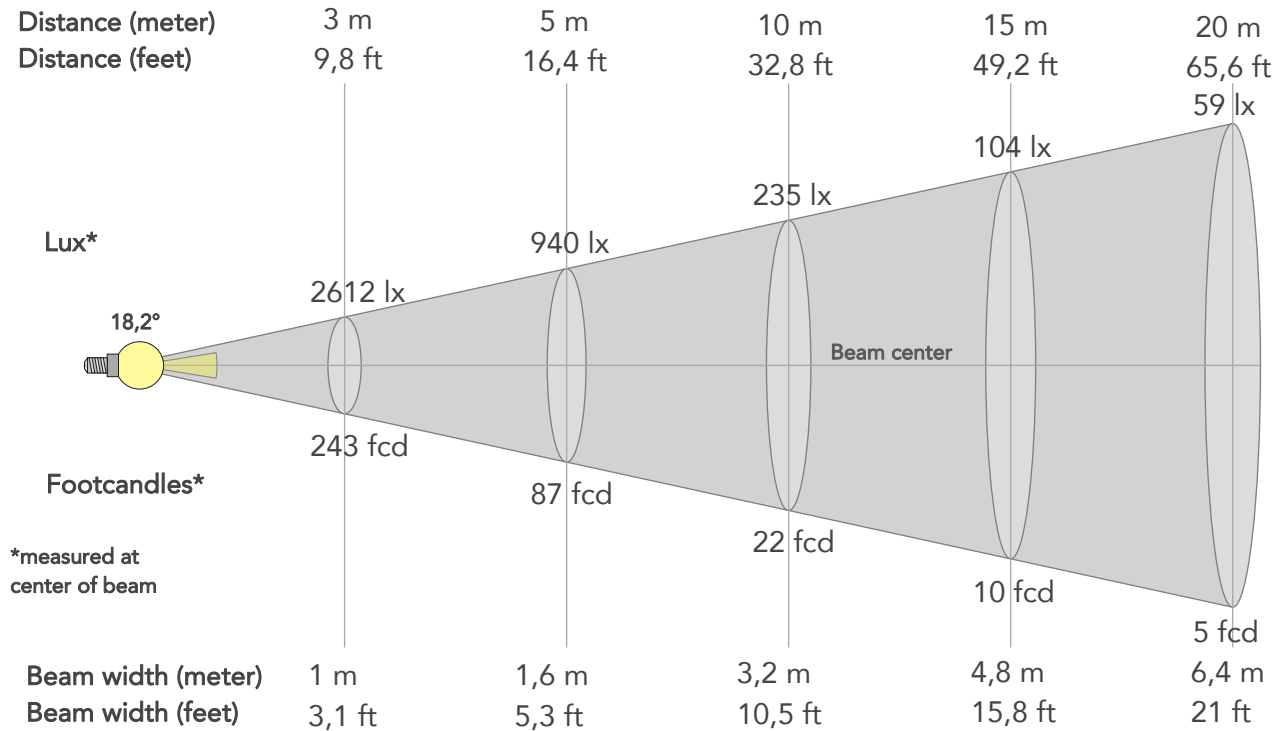
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	0%
2	98	0%	0%
3	96	0%	0%
4	94	-2%	-1%
5	92	-4%	0%
6	97	-1%	0%
7	96	-2%	2%
8	93	-2%	3%
9	91	-2%	8%
10	89	0%	7%
11	87	3%	8%
12	96	2%	2%
13	95	4%	0%
14	95	1%	-1%
15	86	9%	-7%
16	97	0%	0%



BEAM DETAILS



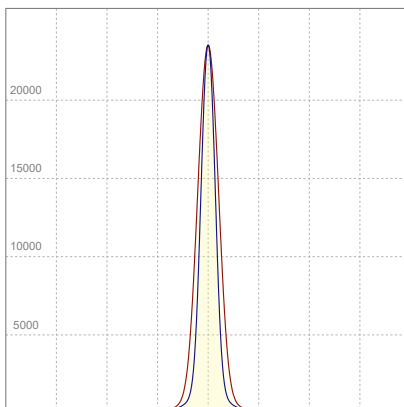
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,2°	33°	47,1°	98,3%	95,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	23506lx	5876lx	2612lx	1469lx	940lx	418lx	235lx	104lx	59lx	38lx	26lx	15lx	9lx
Footcand.	2184fcd	546fcd	243fcd	136fcd	87fcd	39fcd	22fcd	10fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,3ft	7,9ft	10,5ft	15,8ft	21ft	26,3ft	31,5ft	42ft	52,5ft

LINEAR DISTRIBUTION DIAGRAM

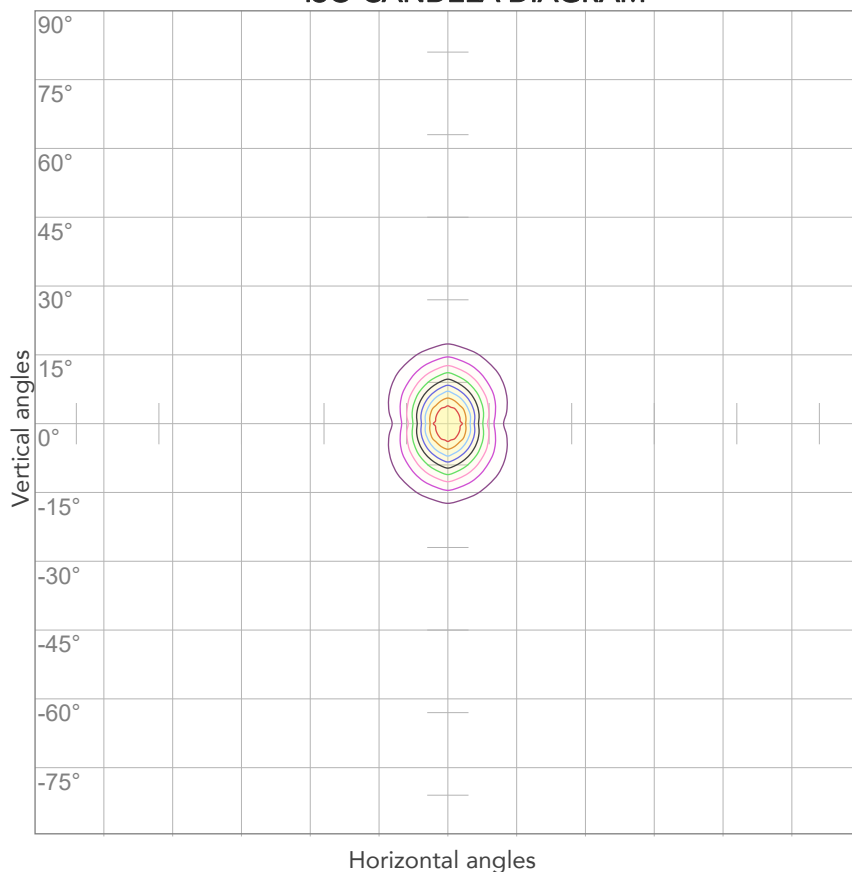


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,288A	62,4W	0,96	52lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



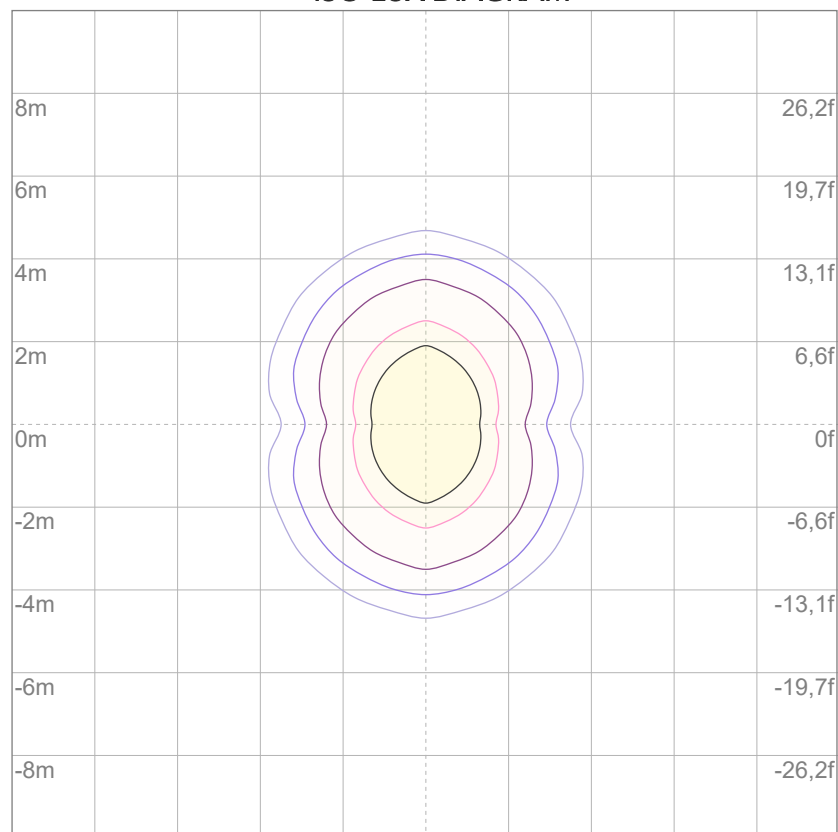
10%	2351 cd
20%	4701 cd
30%	7052 cd
40%	9402 cd
50%	11753 cd
60%	14103 cd
70%	16454 cd
80%	18804 cd

Conditions:

Number of c-planes: 4

Candela at center: 23506 cd

ISO LUX DIAGRAM



3%	7,05 lx
5%	11,8 lx
10%	23,5 lx
30%	70,5 lx
50%	118 lx

Conditions:

Number of c-planes: 4

Lux at center: 235 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3852 lm

Peak candela output:

13988 cd

Light quality:

CRI: 98,0

Color temperature:

5623 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x40° Filter

Target:

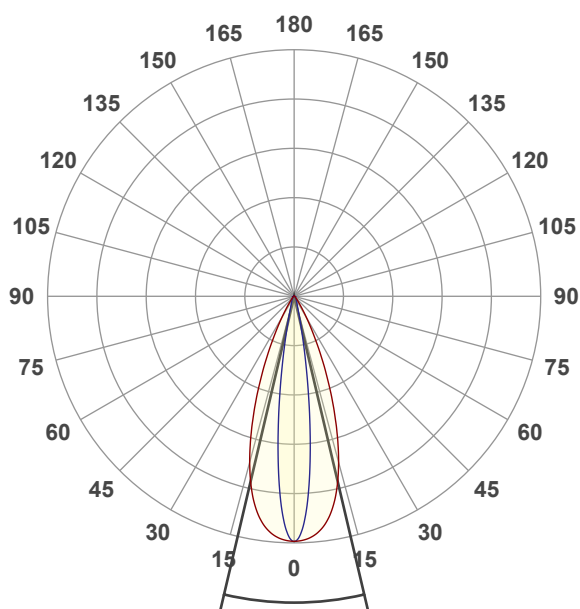
5600K

Operator:

Giuseppe della Peruta

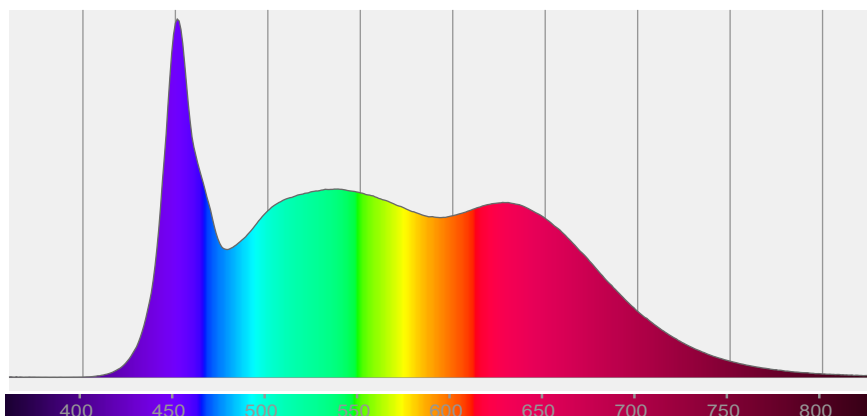
Date and time:

04/08/2025 17:20:38

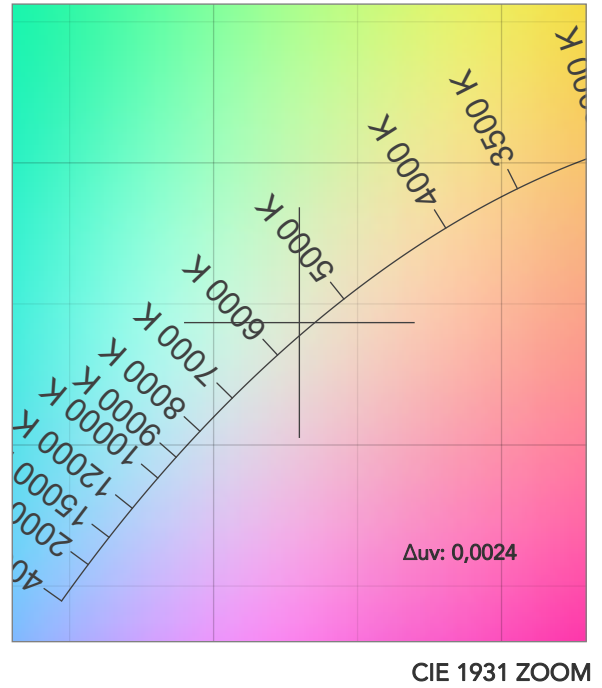
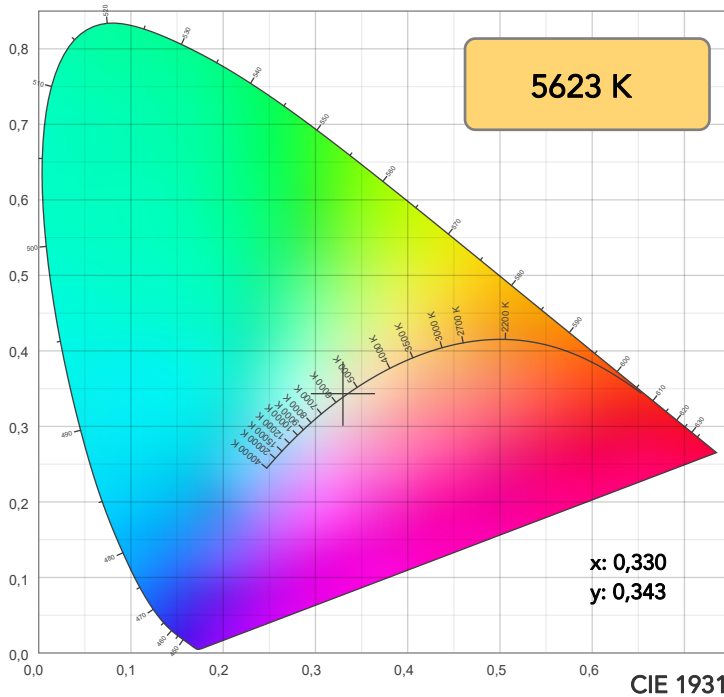


	Blue curve V	Red curve H
Beam angle 50%:	14,6°	38,3°
Field angle 10%:	27,3°	60,1°
Cut off angle 2.5%:	48,3°	75,9°

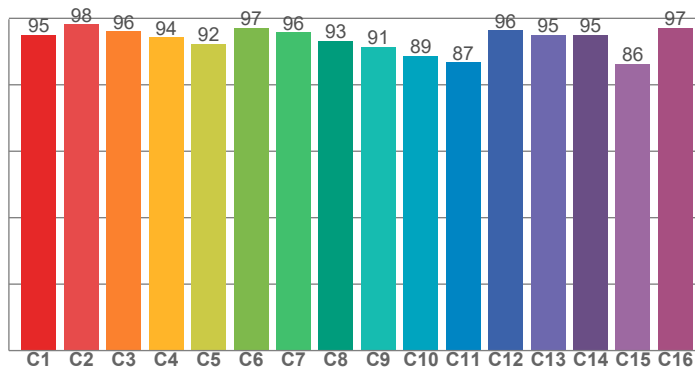
Spectra



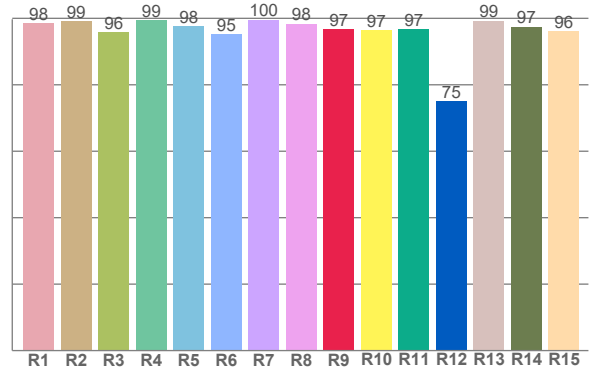
COLOR DETAILS



TM30: 93,4



CRI: 98,0 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,5	99,1	95,8	99,5	97,7	95,2	99,6	98,4	96,7	96,5	96,8	75,0	99,3	97,5	96,2

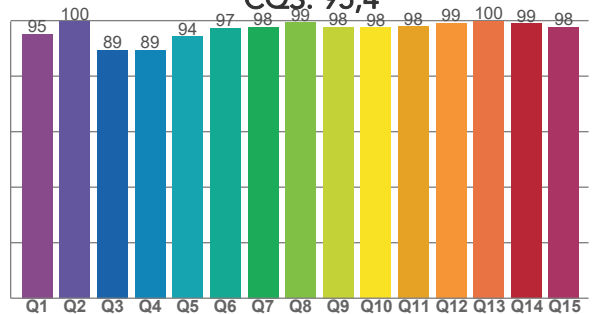
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,0	98,3	96,0	94,3	92,4	97,1	95,7	93,3	91,4	88,8	86,7	96,4	95,1	95,0	86,3	97,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,2	99,6	89,4	89,4	94,4	97,4	97,6	99,3	97,7	97,6	97,9	99,1	99,8	98,9	97,6

CQS: 95,4



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5623 K	98,0	96,7	93,4	100,4	95,4	99	0,330	0,343	0,0024

TM30 DETAILS

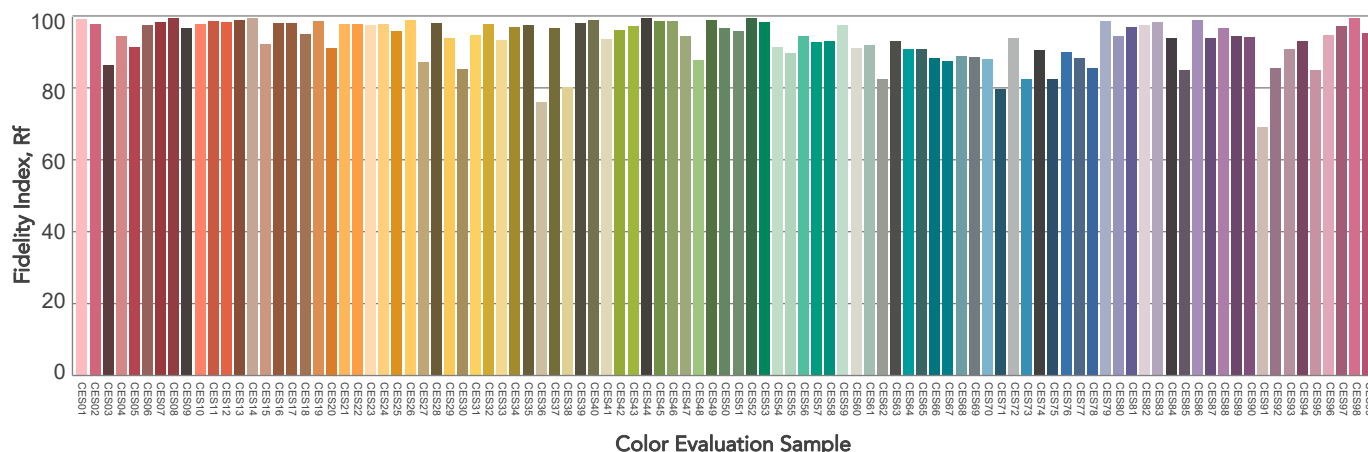
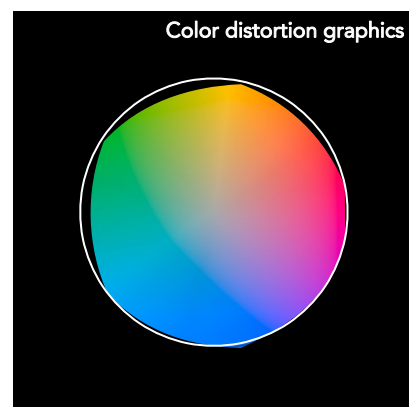
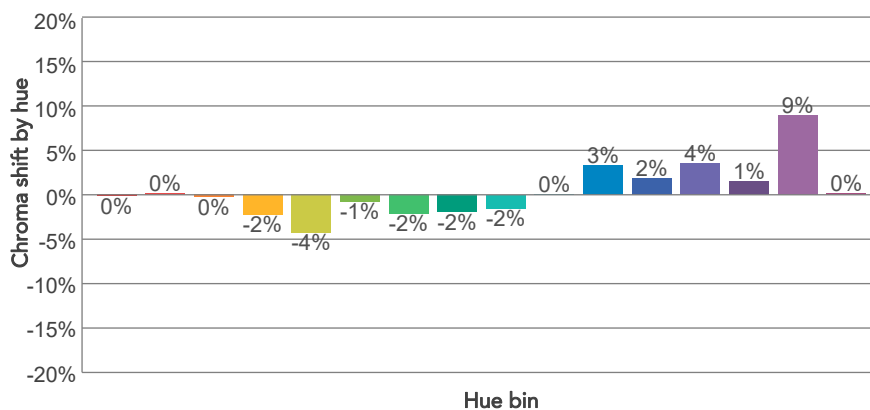
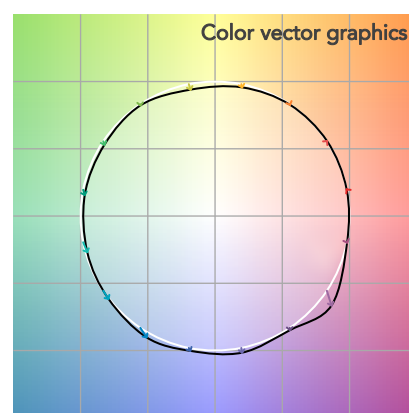
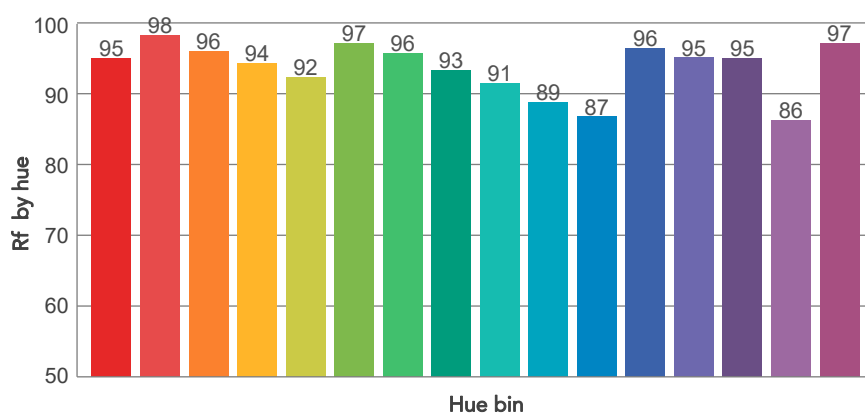
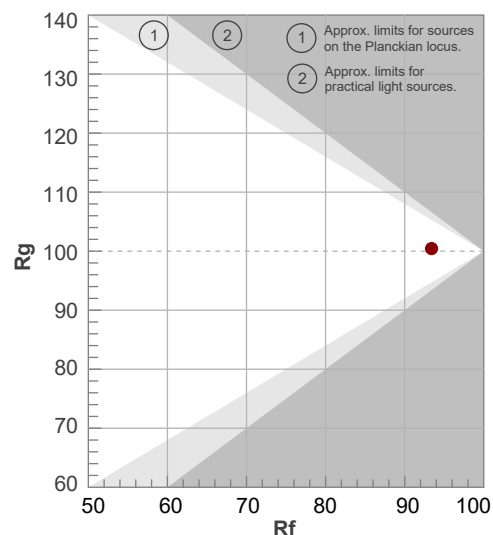
Rf 93,4

Fidelity index Rf

Rg 100,4

Gammut index

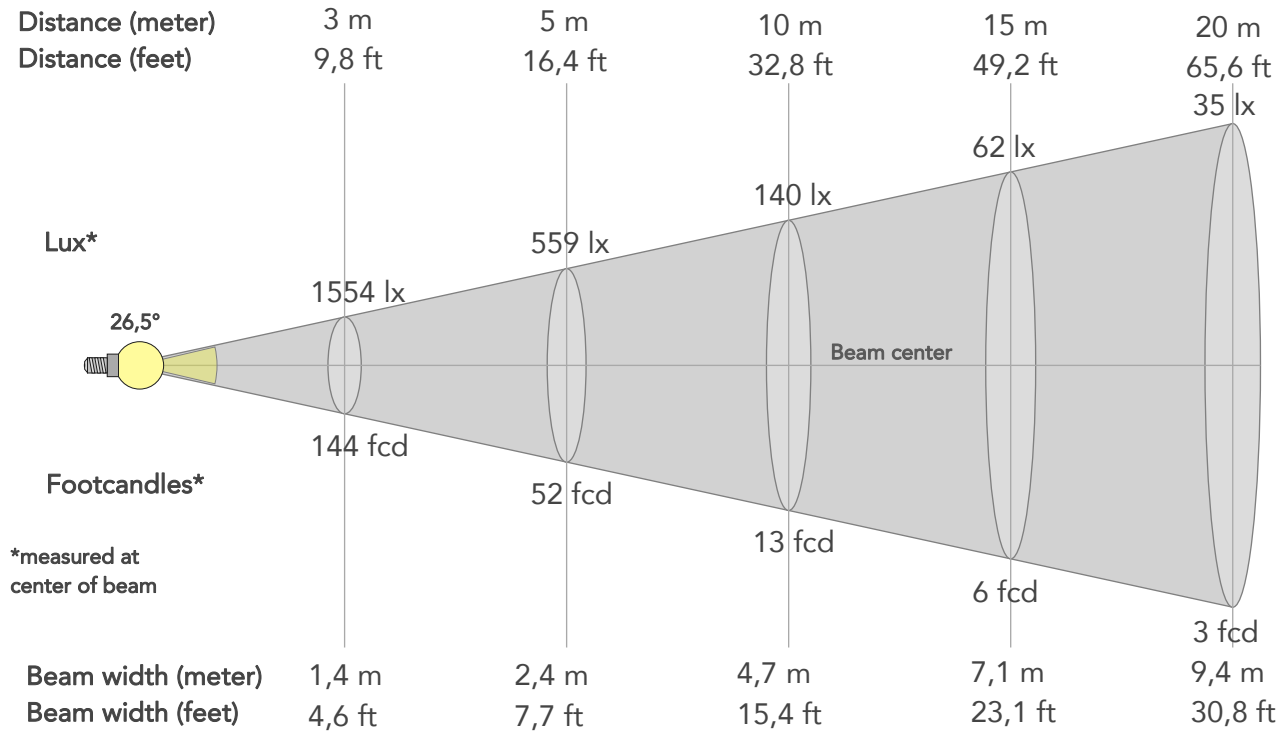
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	0%
2	98	0%	0%
3	96	0%	0%
4	94	-2%	-1%
5	92	-4%	0%
6	97	-1%	0%
7	96	-2%	2%
8	93	-2%	4%
9	91	-2%	8%
10	89	0%	7%
11	87	3%	8%
12	96	2%	1%
13	95	4%	0%
14	95	1%	-1%
15	86	9%	-7%
16	97	0%	0%



BEAM DETAILS



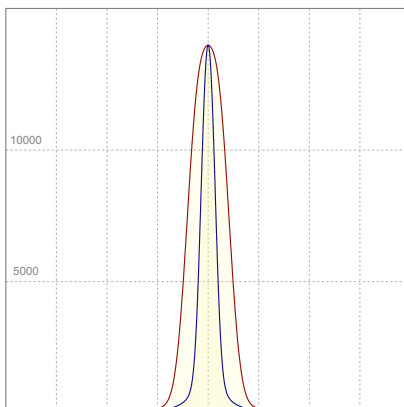
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26,5°	43,7°	62,1°	98,3%	95,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	13985lx	3496lx	1554lx	874lx	559lx	249lx	140lx	62lx	35lx	22lx	16lx	9lx	6lx
Footcand.	1299fcd	325fcd	144fcd	81fcd	52fcd	23fcd	13fcd	6fcd	3fcd	2fcd	1fcd	1fcd	1fcd
Beam wid.	0,5m	0,9m	1,4m	1,9m	2,4m	3,5m	4,7m	7,1m	9,4m	11,8m	14,1m	18,8m	23,5m
Beam wid.	1,6ft	3,1ft	4,6ft	6,2ft	7,7ft	11,6ft	15,4ft	23,1ft	30,8ft	38,6ft	46,3ft	61,7ft	77,1ft

LINEAR DISTRIBUTION DIAGRAM

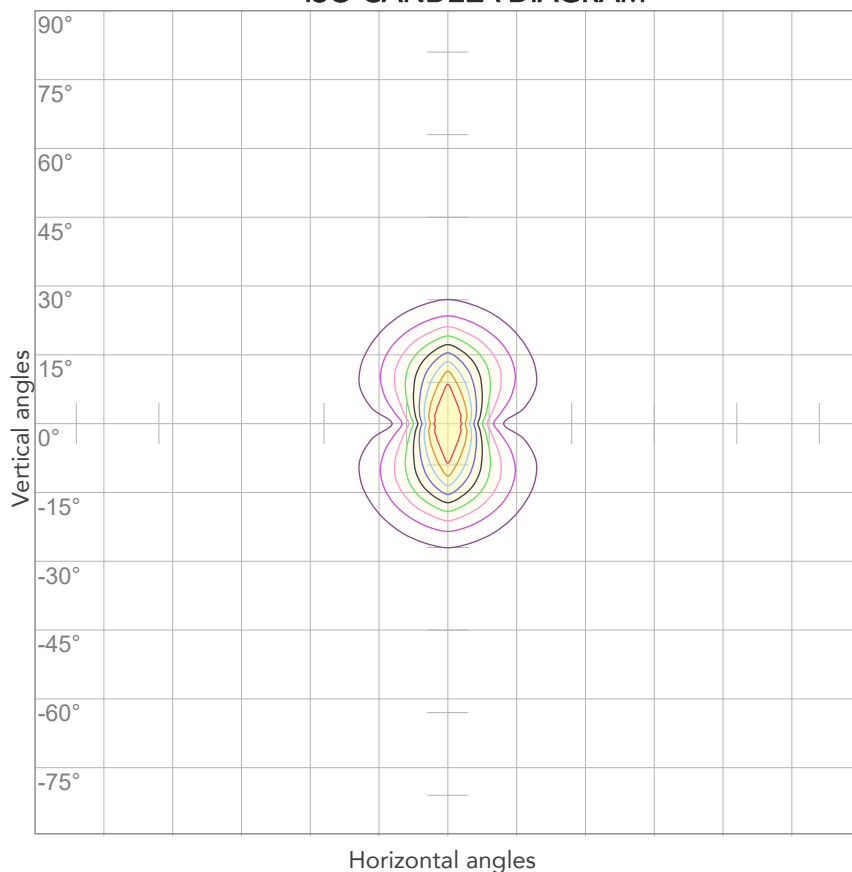


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,286A	62,0W	0,95	62lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



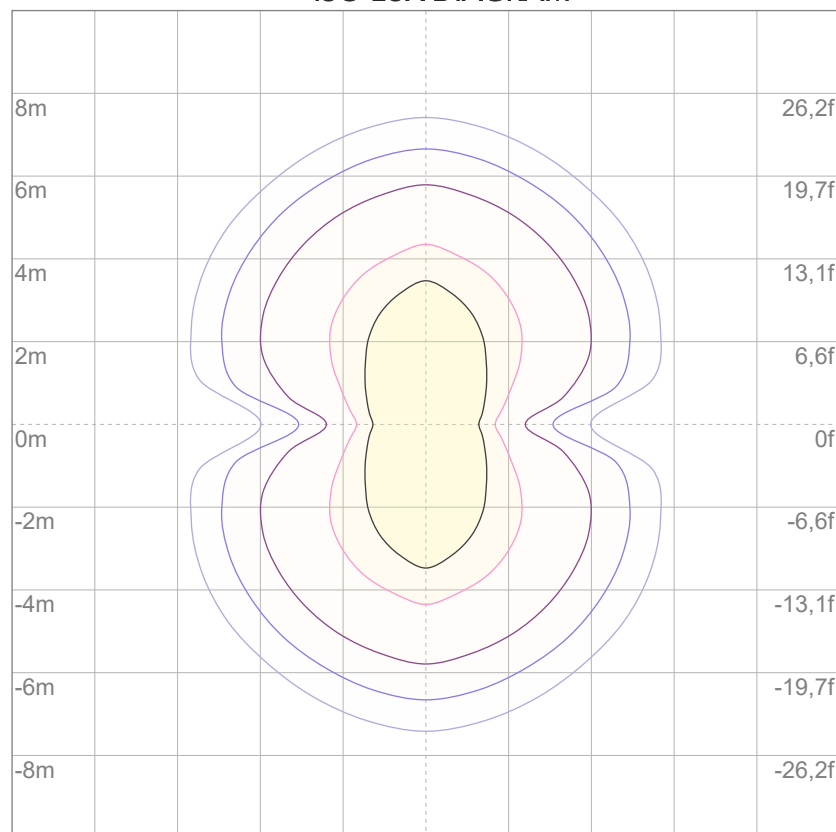
10%	1398 cd
20%	2797 cd
30%	4195 cd
40%	5594 cd
50%	6992 cd
60%	8391 cd
70%	9789 cd
80%	11188 cd

Conditions:

Number of c-planes: 4

Candela at center: 13985 cd

ISO LUX DIAGRAM



3%	4,20 lx
5%	6,99 lx
10%	14,0 lx
30%	42,0 lx
50%	69,9 lx

Conditions:

Number of c-planes: 4

Lux at center: 140 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3826 lm

Peak candela output:

7576 cd

Light quality:

CRI: 98,0

Color temperature:

5599 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x60° Filter

Target:

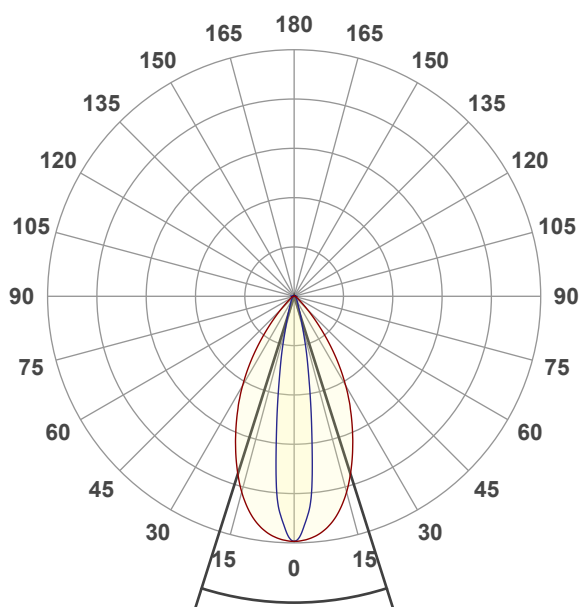
5600K

Operator:

Giuseppe della Peruta

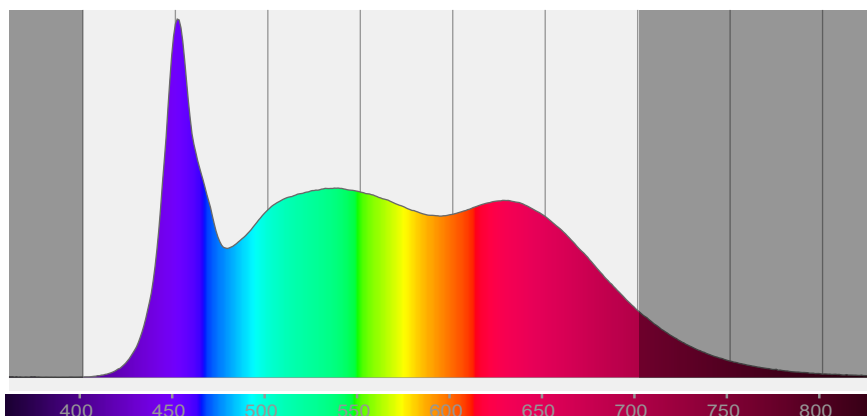
Date and time:

05/08/2025 13:28:45

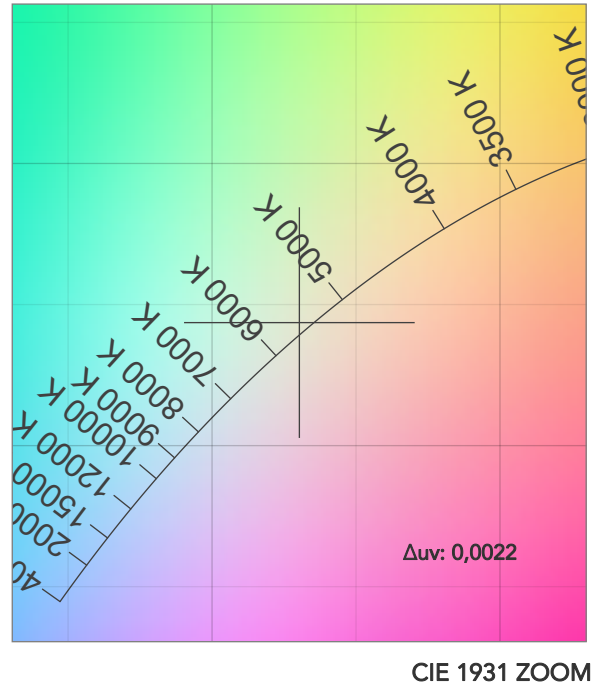
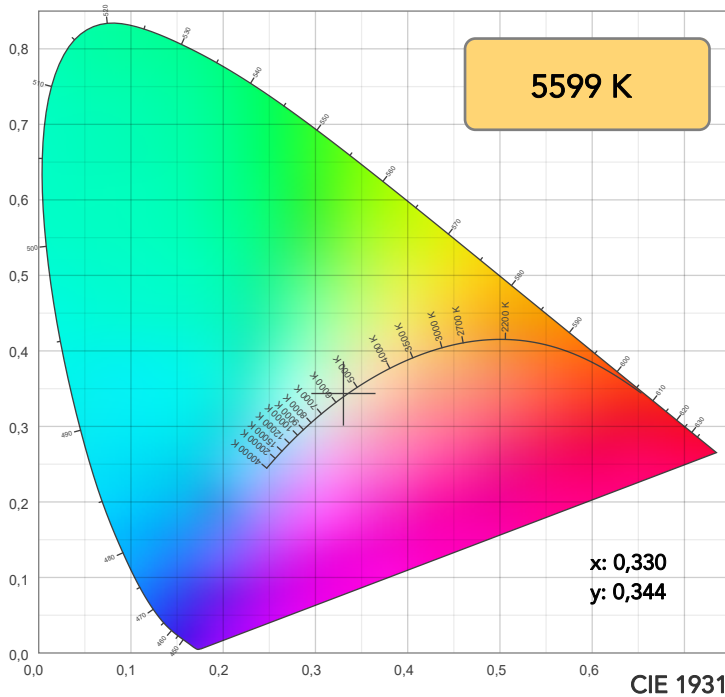


	Blue curve V	Red curve H
Beam angle 50%:	16,2°	54,2°
Field angle 10%:	33,8°	86,7°
Cut off angle 2.5%:	61,5°	108°

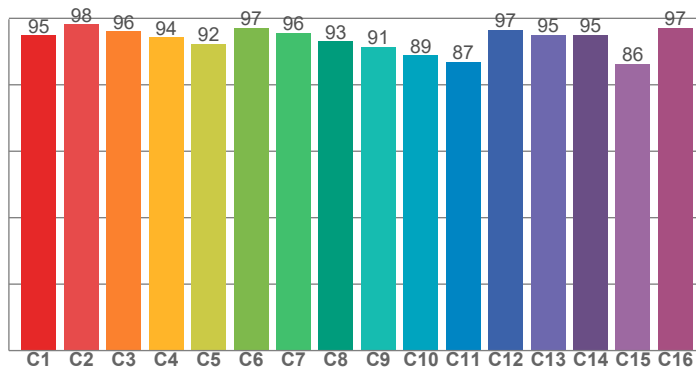
Spectra



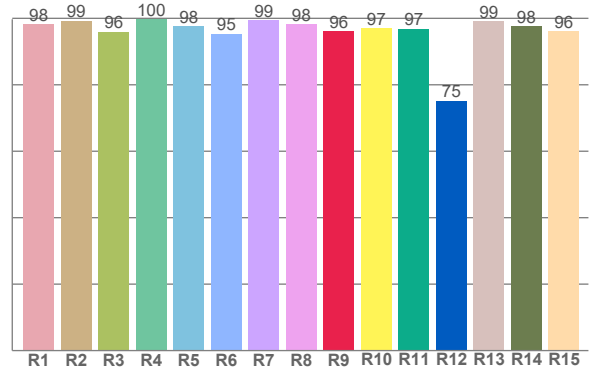
COLOR DETAILS



TM30: 93,4



CRI: 98,0 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,4	99,3	96,0	99,6	97,7	95,4	99,4	98,2	96,1	97,0	96,9	75,2	99,1	97,5	96,1

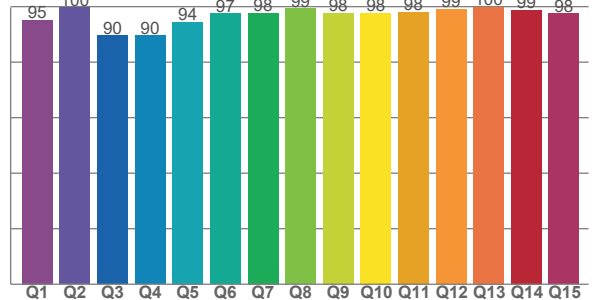
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,9	98,2	96,0	94,3	92,3	97,1	95,7	93,1	91,4	88,8	86,9	96,5	95,1	95,1	86,3	97,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,1	99,6	89,6	89,5	94,4	97,5	97,8	99,3	97,7	97,7	98,1	99,2	99,9	98,8	97,5

CQS: 95,5



COLOR PARAMETERS

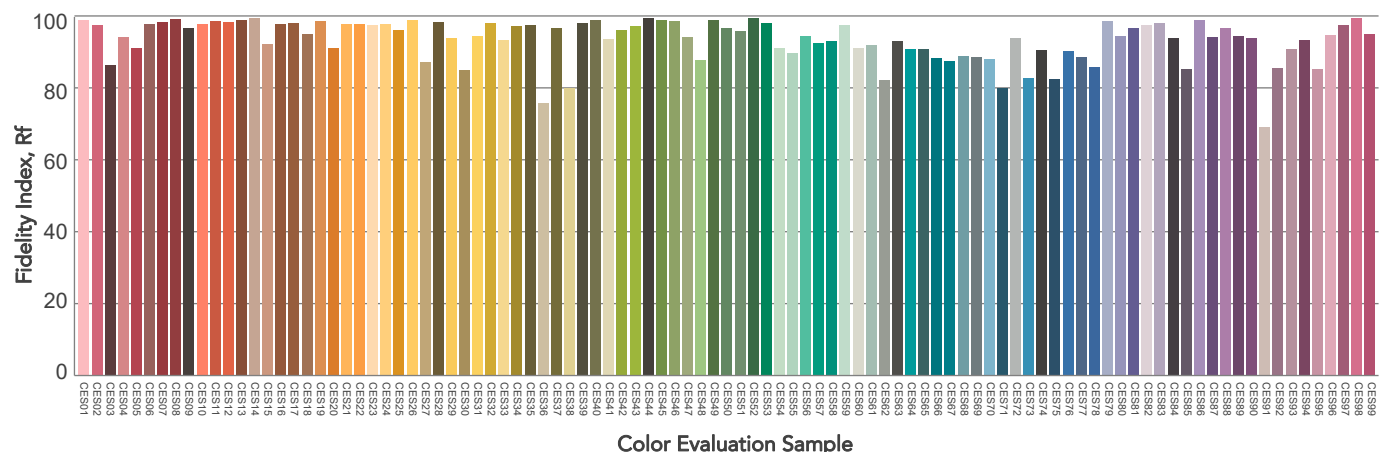
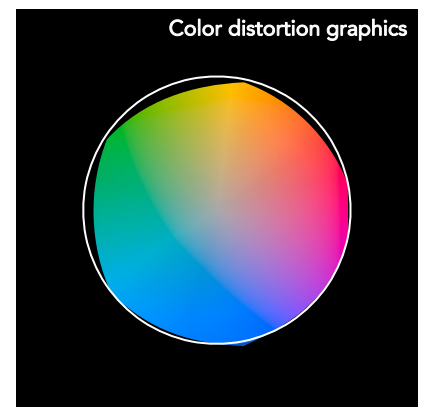
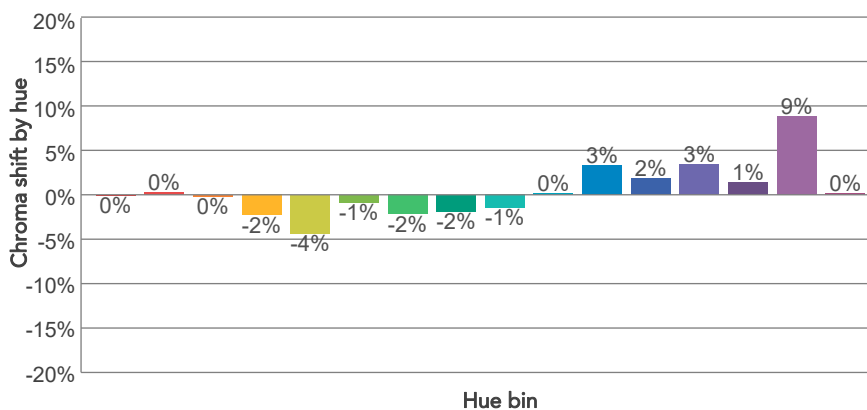
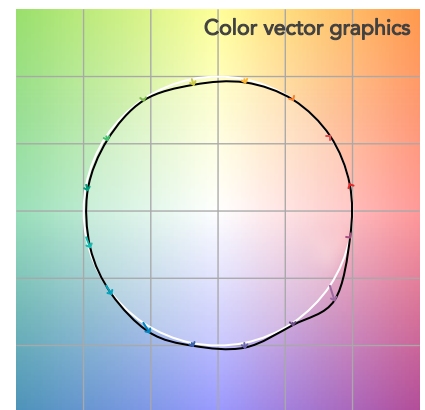
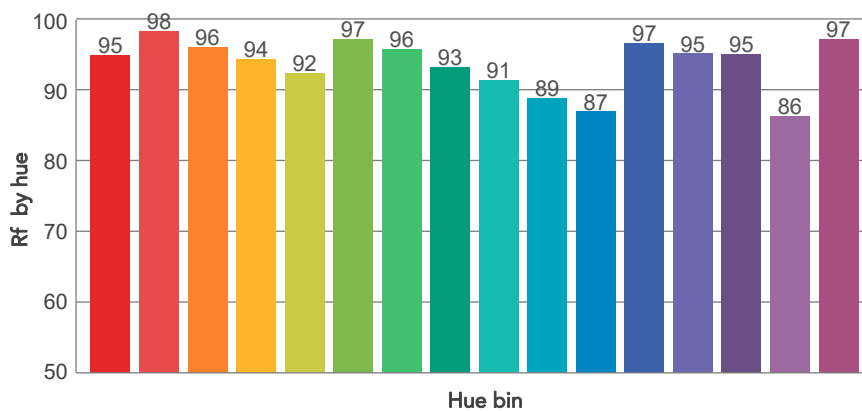
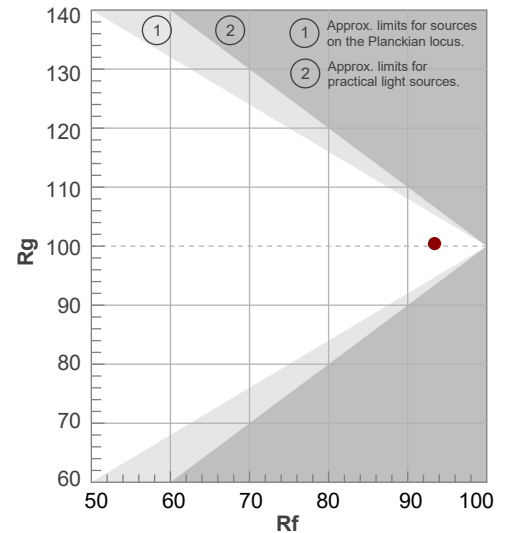
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5599 K	98,0	96,1	93,4	100,4	95,5	99	0,330	0,344	0,0022

TM30 DETAILS

Rf 93,4
Fidelity index Rf

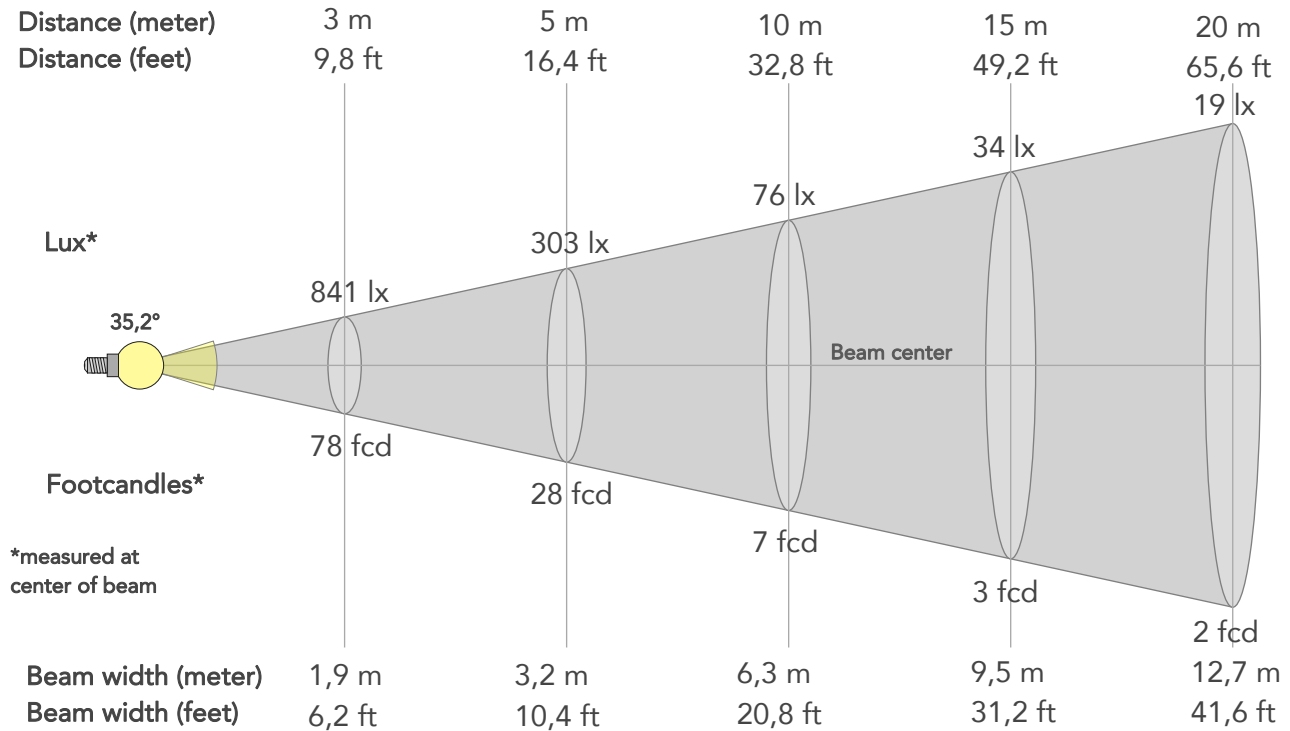
Rg 100,4
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	0%
2	98	0%	0%
3	96	0%	0%
4	94	-2%	-1%
5	92	-4%	-1%
6	97	-1%	0%
7	96	-2%	2%
8	93	-2%	4%
9	91	-1%	8%
10	89	0%	7%
11	87	3%	8%
12	97	2%	1%
13	95	3%	0%
14	95	1%	-1%
15	86	9%	-7%
16	97	0%	0%



BEAM DETAILS

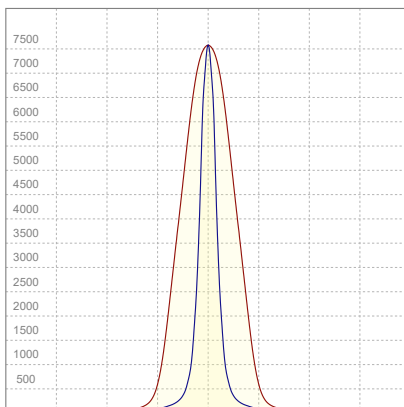
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35,2°	60,3°	84,7°	97,5%	92,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	7573lx	1893lx	841lx	473lx	303lx	135lx	76lx	34lx	19lx	12lx	8lx	5lx	3lx
Footcand.	704fcd	176fcd	78fcd	44fcd	28fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,8m	6,3m	9,5m	12,7m	15,9m	19m	25,4m	31,7m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,4ft	15,6ft	20,8ft	31,2ft	41,6ft	52ft	62,4ft	83,2ft	104ft

LINEAR DISTRIBUTION DIAGRAM

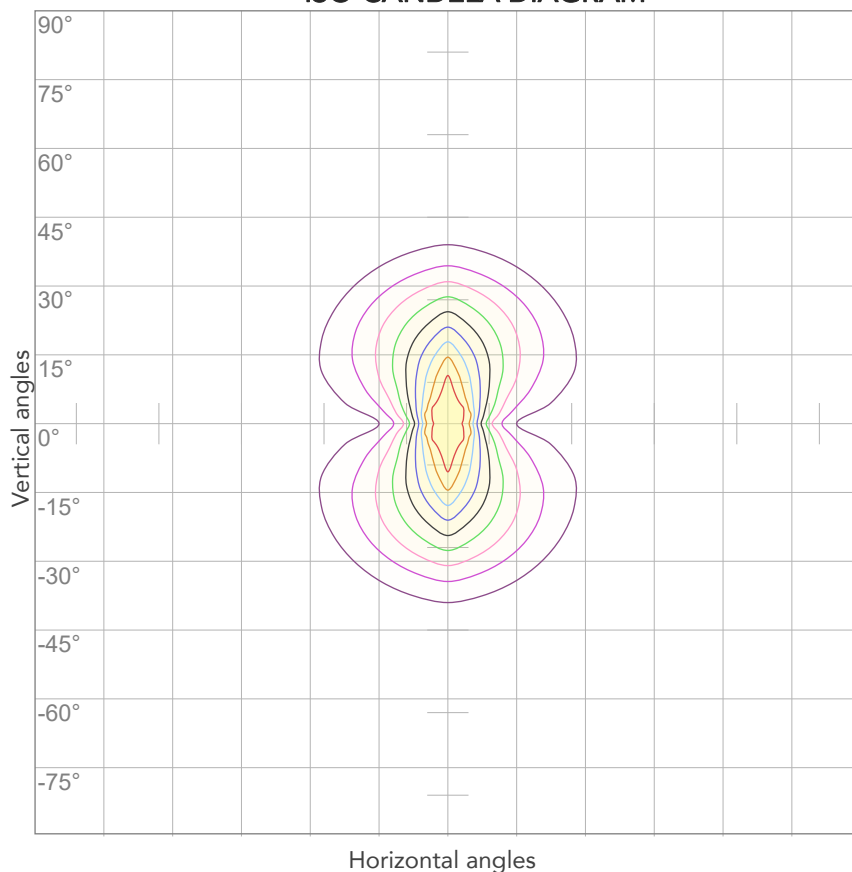


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
231V	0,280A	61,5W	0,95	62lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



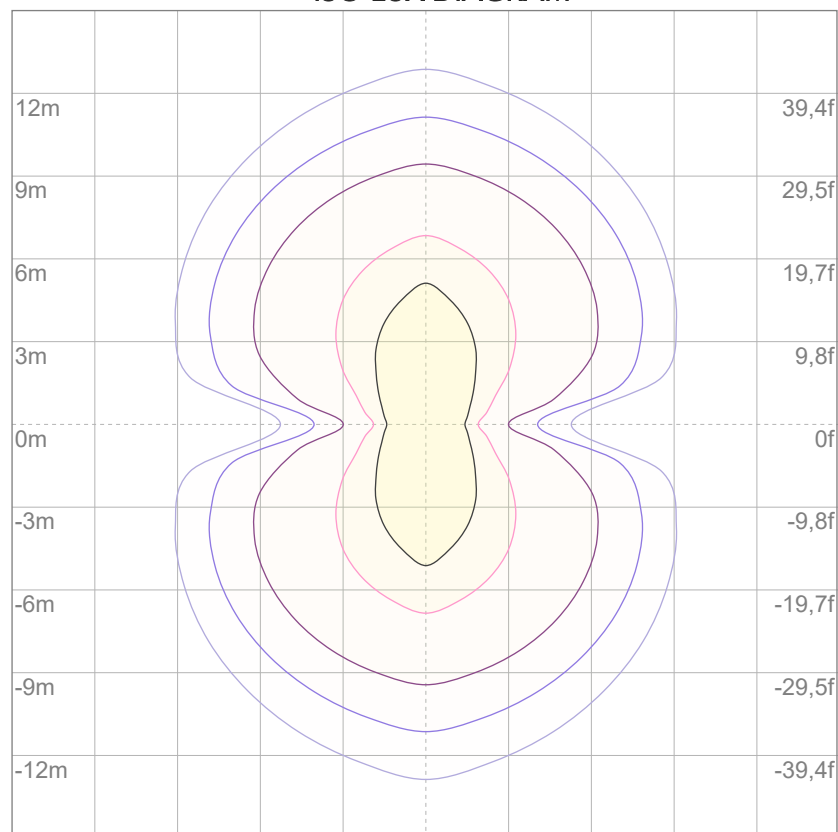
10%	757 cd
20%	1515 cd
30%	2272 cd
40%	3029 cd
50%	3787 cd
60%	4544 cd
70%	5301 cd
80%	6059 cd

Conditions:

Number of c-planes: 4

Candela at center: 7573 cd

ISO LUX DIAGRAM



3%	2,27 lx
5%	3,79 lx
10%	7,57 lx
30%	22,7 lx
50%	37,9 lx

Conditions:

Number of c-planes: 4

Lux at center: 75,7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3397 lm

Peak candela output:

4705 cd

Light quality:

CRI: 98,0

Color temperature:

5606 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
30°x60° Filter

Target:

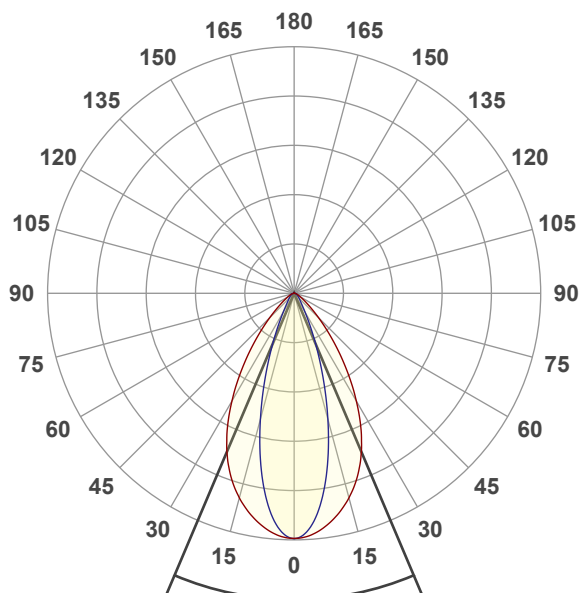
5600K

Operator:

Giuseppe della Peruta

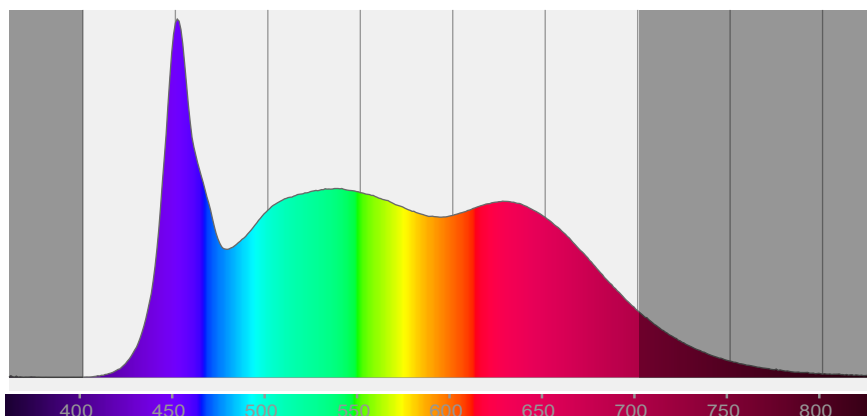
Date and time:

05/08/2025 15:04:09

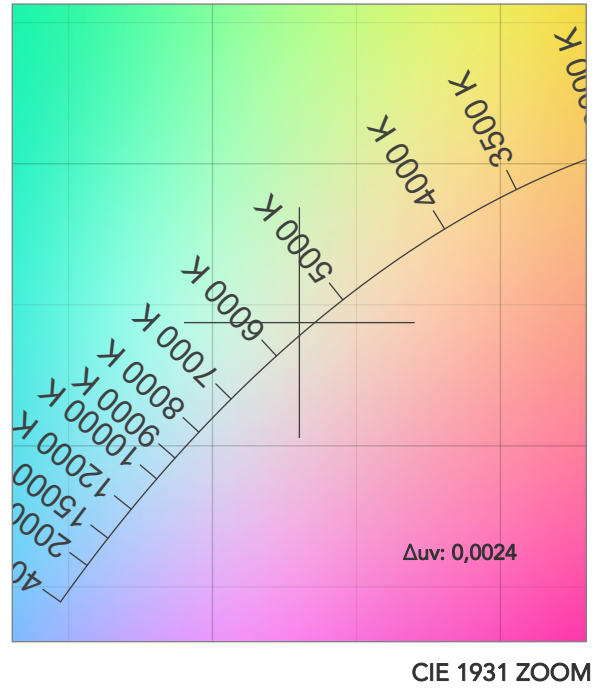
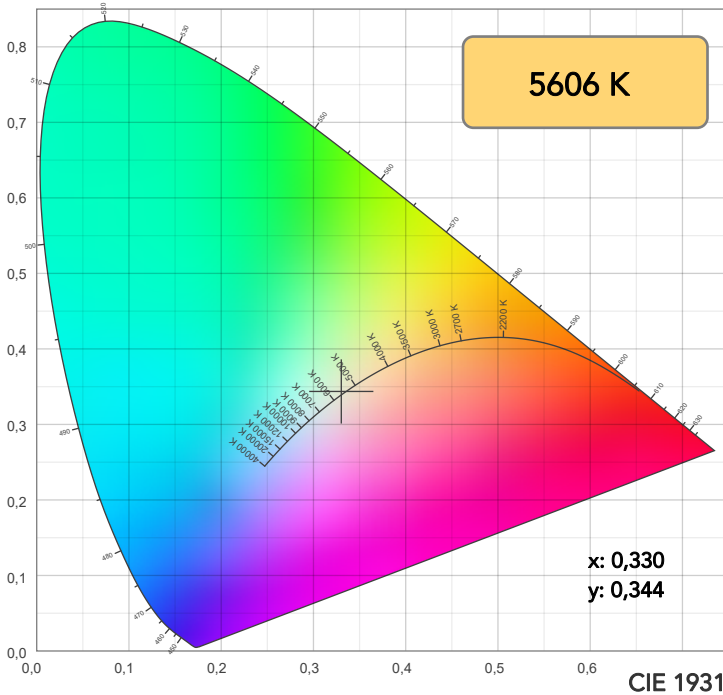


	Blue curve V	Red curve H
Beam angle 50%:	31,4°	60,5°
Field angle 10%:	58,3°	96,2°
Cut off angle 2.5%:	94,9°	125°

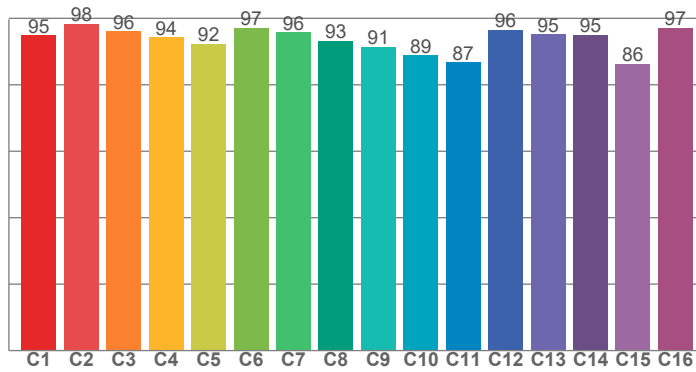
Spectra



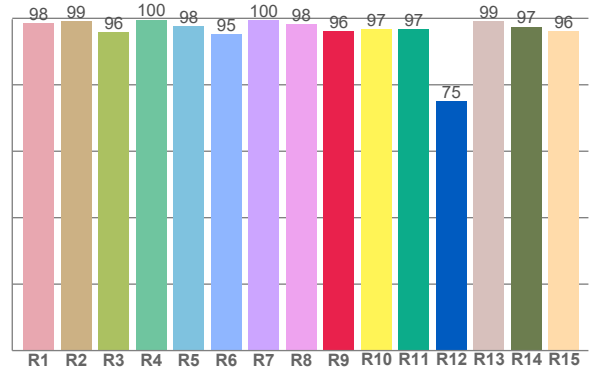
COLOR DETAILS



TM30: 93,4



CRI: 98,0 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,4	99,2	95,9	99,6	97,7	95,3	99,6	98,2	96,1	96,7	96,8	75,1	99,2	97,5	96,1

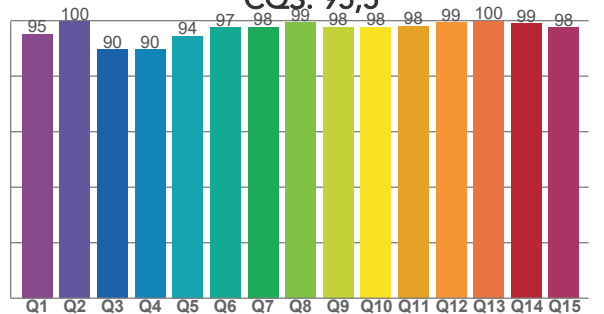
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,0	98,3	96,1	94,3	92,4	97,1	95,7	93,3	91,5	88,9	86,8	96,5	95,1	95,0	86,3	97,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,2	99,6	89,5	89,6	94,5	97,5	97,7	99,3	97,7	97,7	98,1	99,3	99,9	98,9	97,6

CQS: 95,5



COLOR PARAMETERS

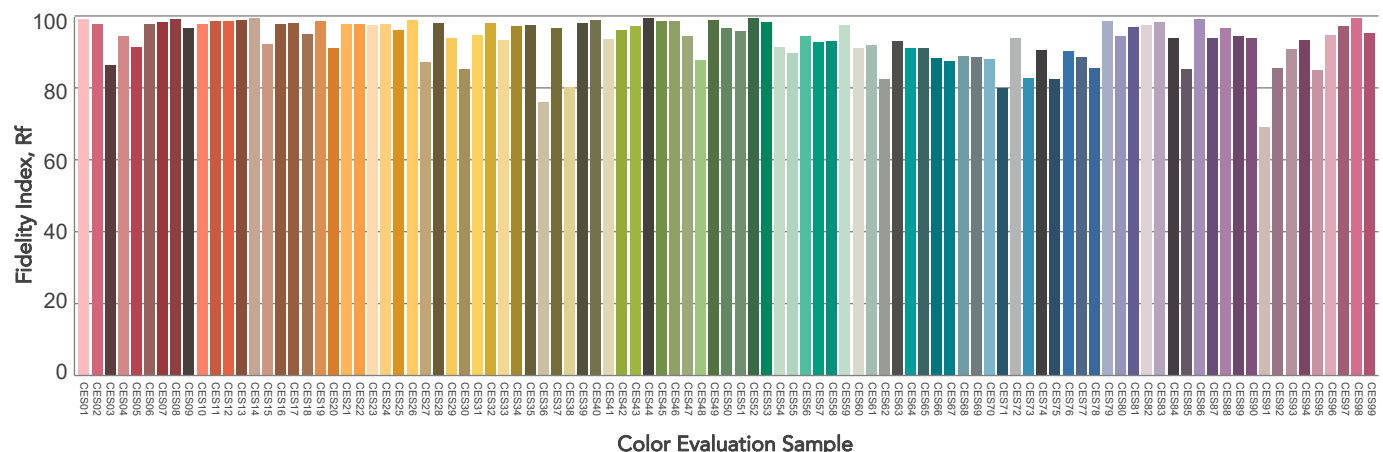
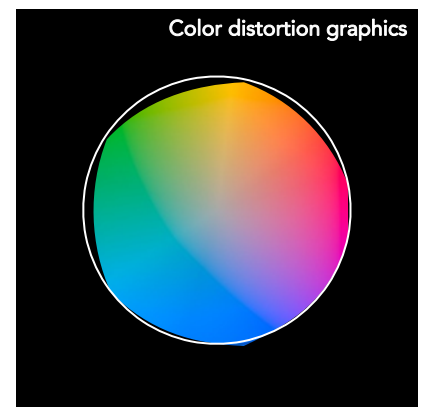
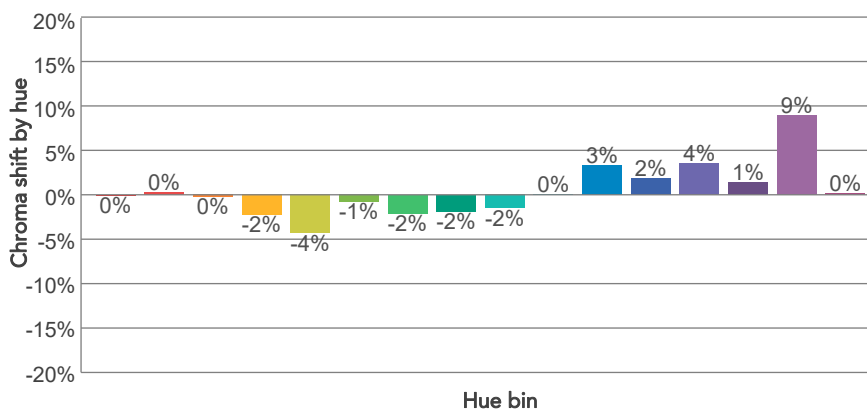
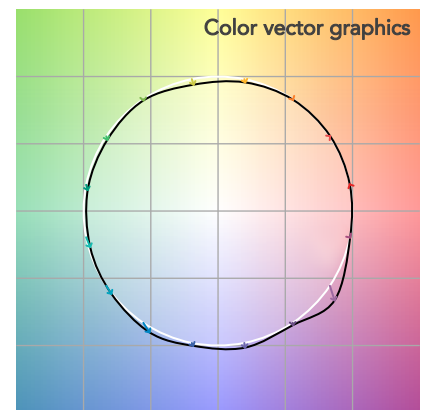
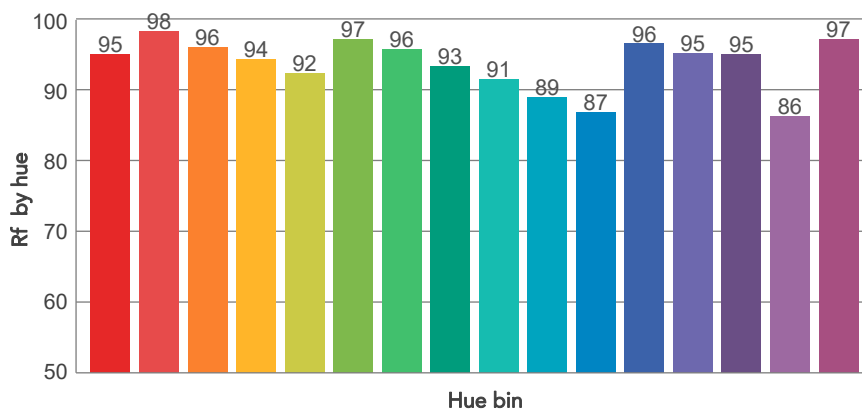
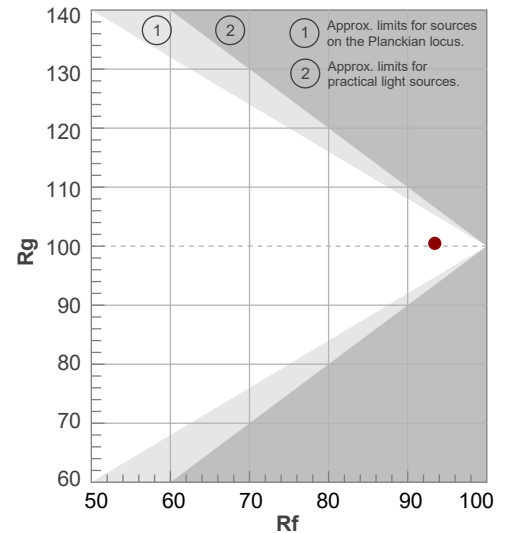
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5606 K	98,0	96,1	93,4	100,5	95,5	99	0,330	0,344	0,0024

TM30 DETAILS

Rf 93,4
Fidelity index Rf

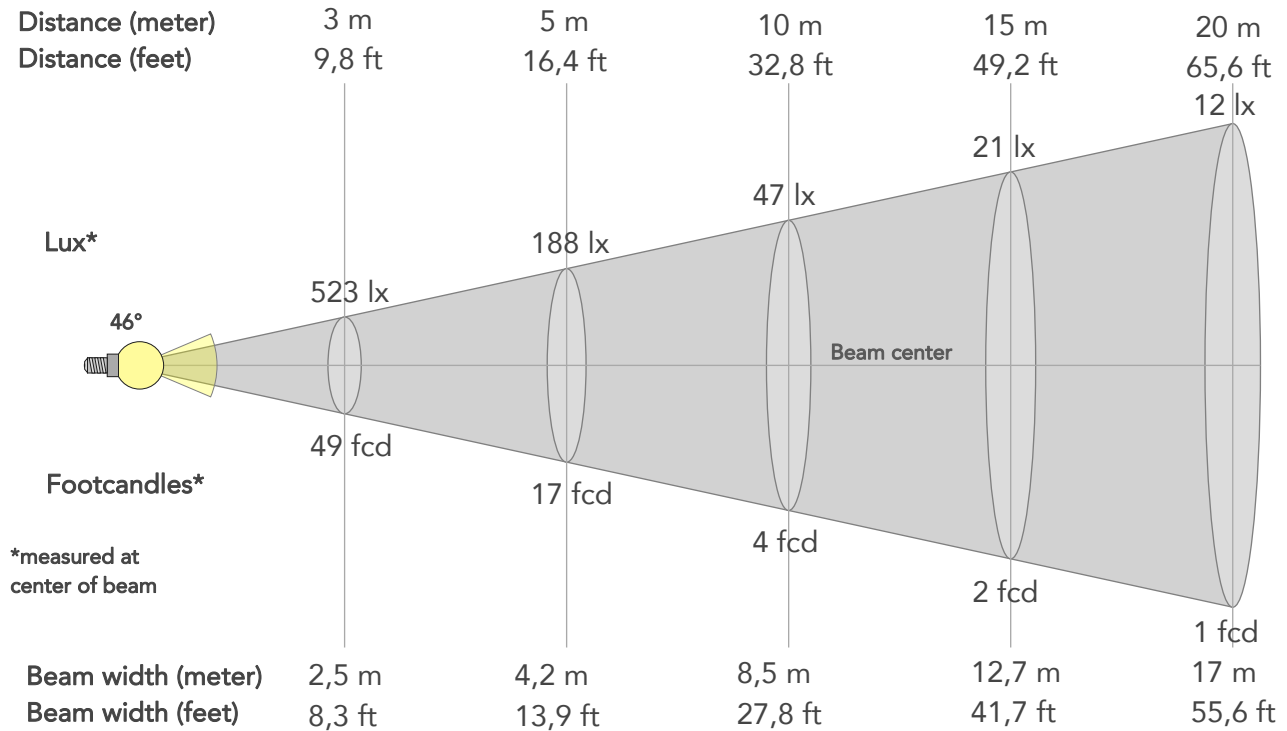
Rg 100,5
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	0%
2	98	0%	0%
3	96	0%	0%
4	94	-2%	-1%
5	92	-4%	0%
6	97	-1%	0%
7	96	-2%	2%
8	93	-2%	4%
9	91	-2%	8%
10	89	0%	7%
11	87	3%	8%
12	96	2%	1%
13	95	4%	0%
14	95	1%	-1%
15	86	9%	-7%
16	97	0%	0%



BEAM DETAILS

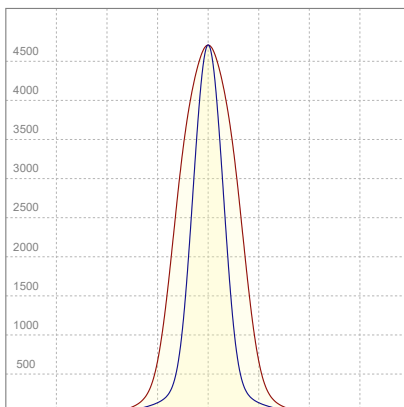
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46°	77,3°	109,9°	96,6%	88,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4705lx	1176lx	523lx	294lx	188lx	84lx	47lx	21lx	12lx	8lx	5lx	3lx	2lx
Footcand.	437fcd	109fcd	49fcd	27fcd	17fcd	8fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,4m	4,2m	6,4m	8,5m	12,7m	17m	21,2m	25,4m	33,9m	42,4m
Beam wid.	2,8ft	5,6ft	8,3ft	11,1ft	13,9ft	20,9ft	27,8ft	41,7ft	55,6ft	69,6ft	83,5ft	111,3ft	139,1ft

LINEAR DISTRIBUTION DIAGRAM

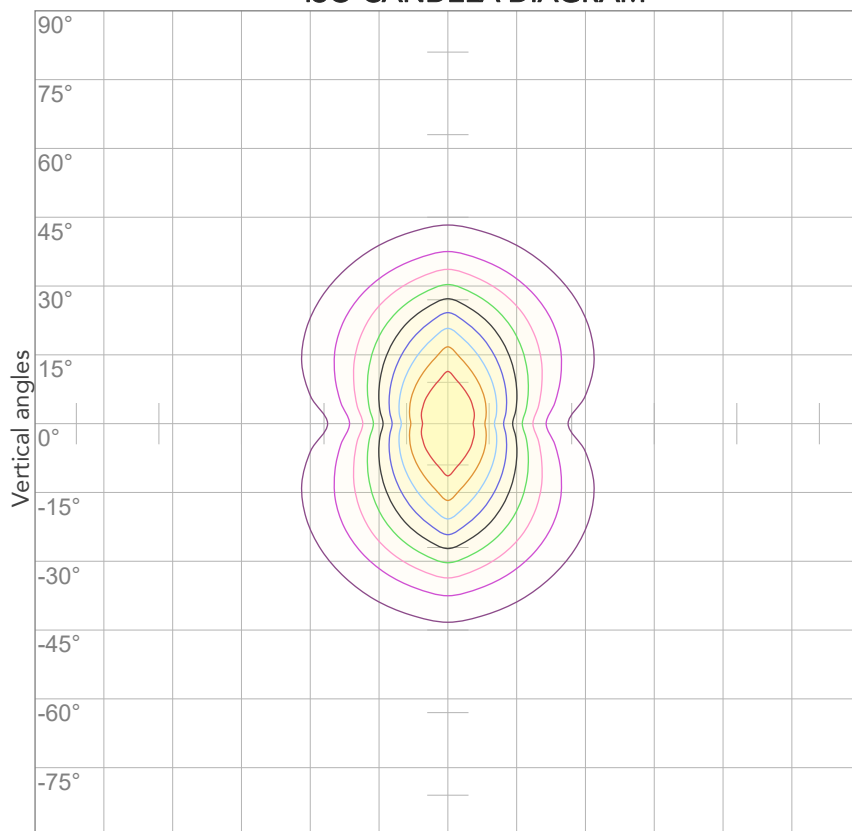


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,283A	61,6W	0,95	55lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



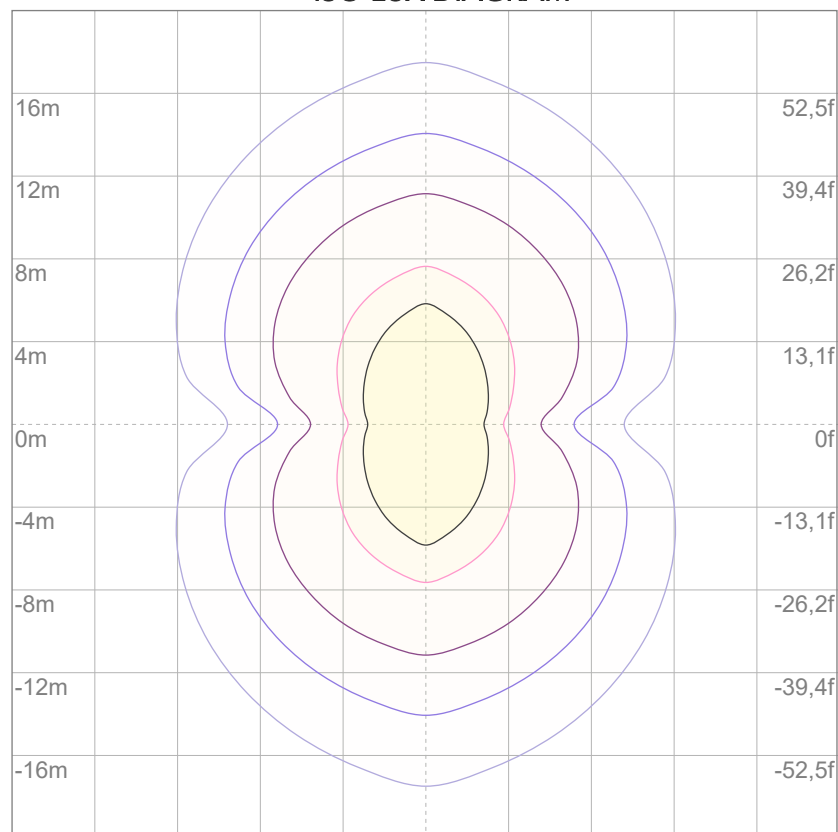
10%	471 cd
20%	941 cd
30%	1412 cd
40%	1882 cd
50%	2353 cd
60%	2823 cd
70%	3294 cd
80%	3764 cd

Conditions:

Number of c-planes: 4

Candela at center: 4705 cd

ISO LUX DIAGRAM



3%	1,41 lx
5%	2,35 lx
10%	4,71 lx
30%	14,1 lx
50%	23,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 47,1 lx

*Lux distribution on a surface
when lamp is mounted at 10
meters from the surface.*

Mounting height: 10 meters (33 feet)



Total lumen output:

3393 lm

Peak candela output:

48031 cd

Light quality:

CRI: 97,4

Color temperature:

6021 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Narrow Lens

Target:

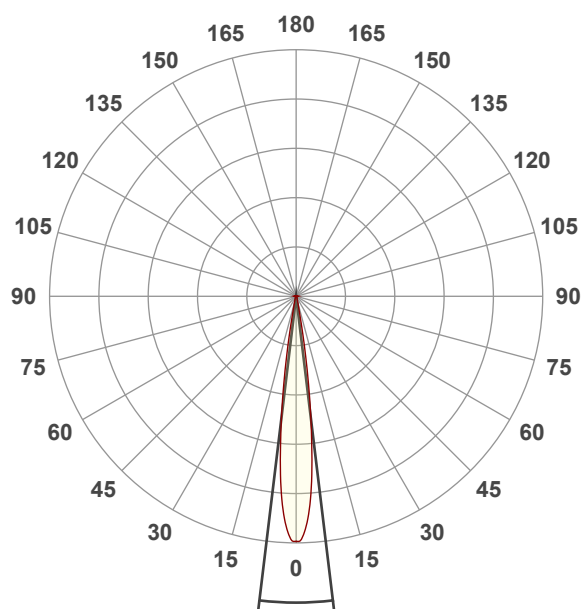
6000K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 13:42:15

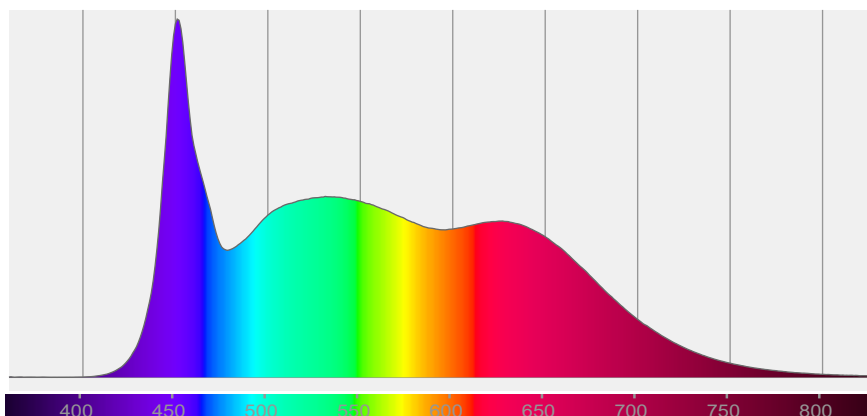


Beam angle 50%: 13,8°

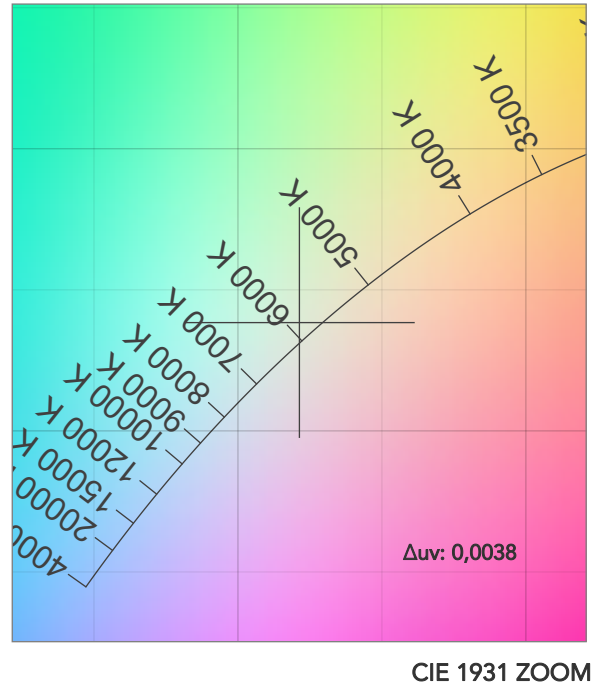
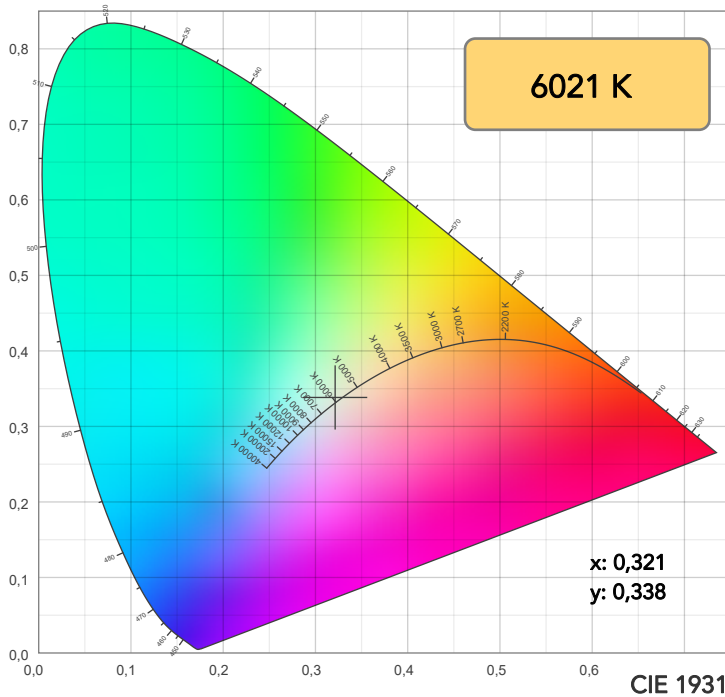
Field angle 10%: 21,7°

Cut off angle 2.5%: 30,7°

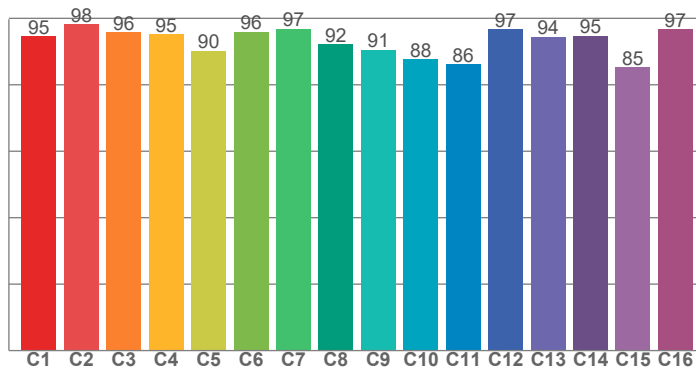
Spectra



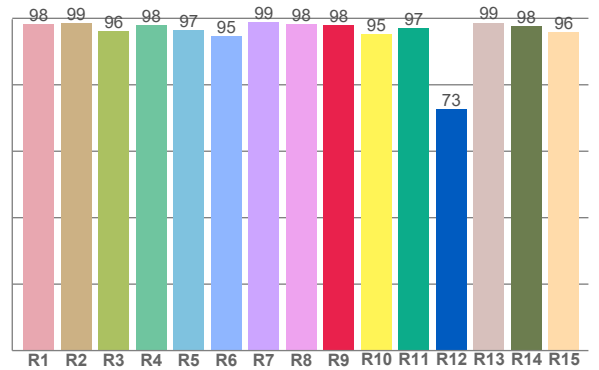
COLOR DETAILS



TM30: 92,8



CRI: 97,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,2	98,5	96,1	97,9	96,5	94,7	98,9	98,2	98,0	95,2	97,0	72,7	98,7	97,8	95,9

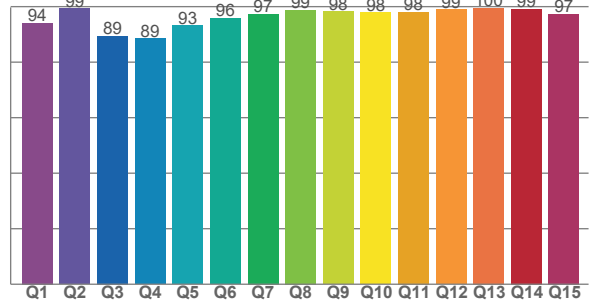
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,6	98,2	95,8	95,2	90,2	95,9	96,9	92,2	90,5	87,7	86,1	96,6	94,5	94,8	85,3	96,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,1	99,3	89,5	88,6	93,2	95,8	97,4	98,7	98,2	97,8	98,0	99,0	99,6	99,2	97,4

CQS: 95,0



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6021 K	97,4	98,0	92,8	99,7	95,0	99	0,321	0,338	0,0038

TM30 DETAILS

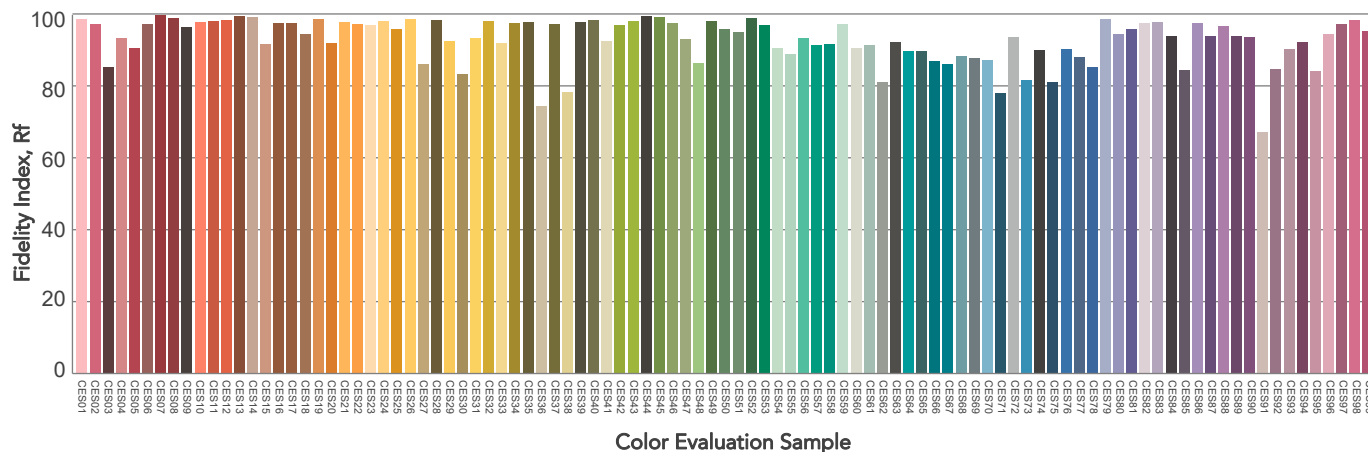
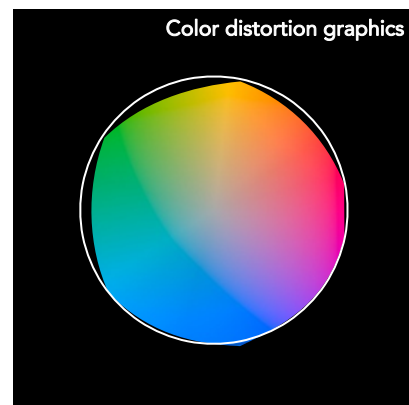
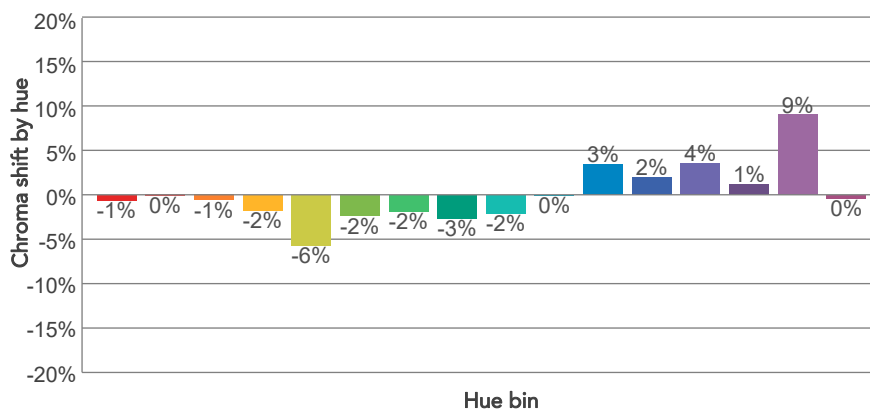
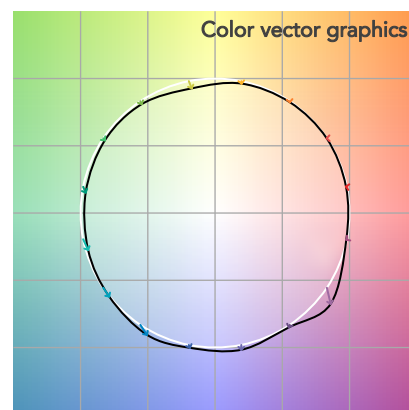
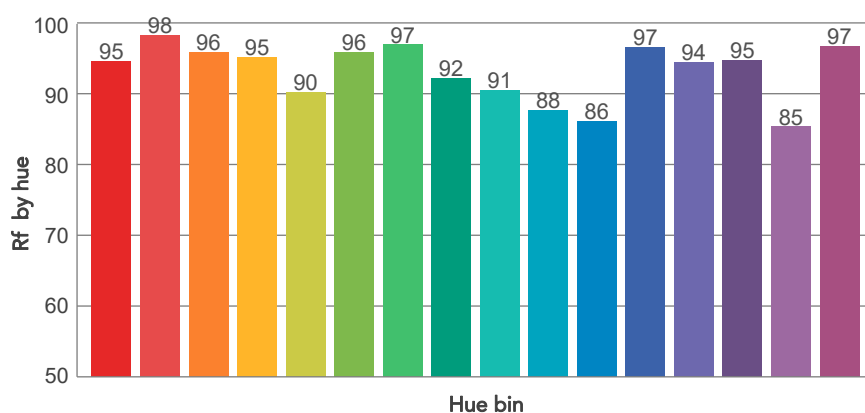
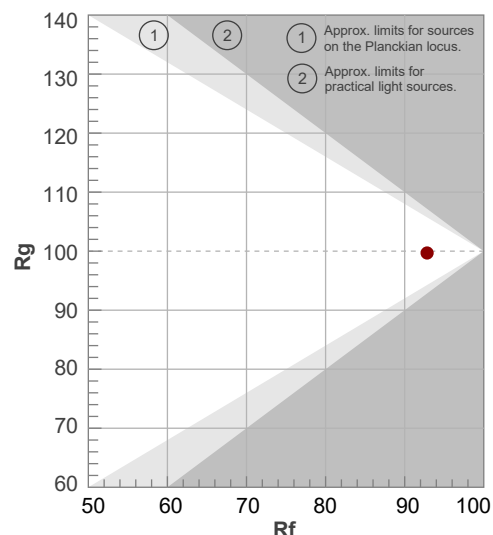
Rf 92,8

Fidelity index Rf

Rg 99,7

Gammut index

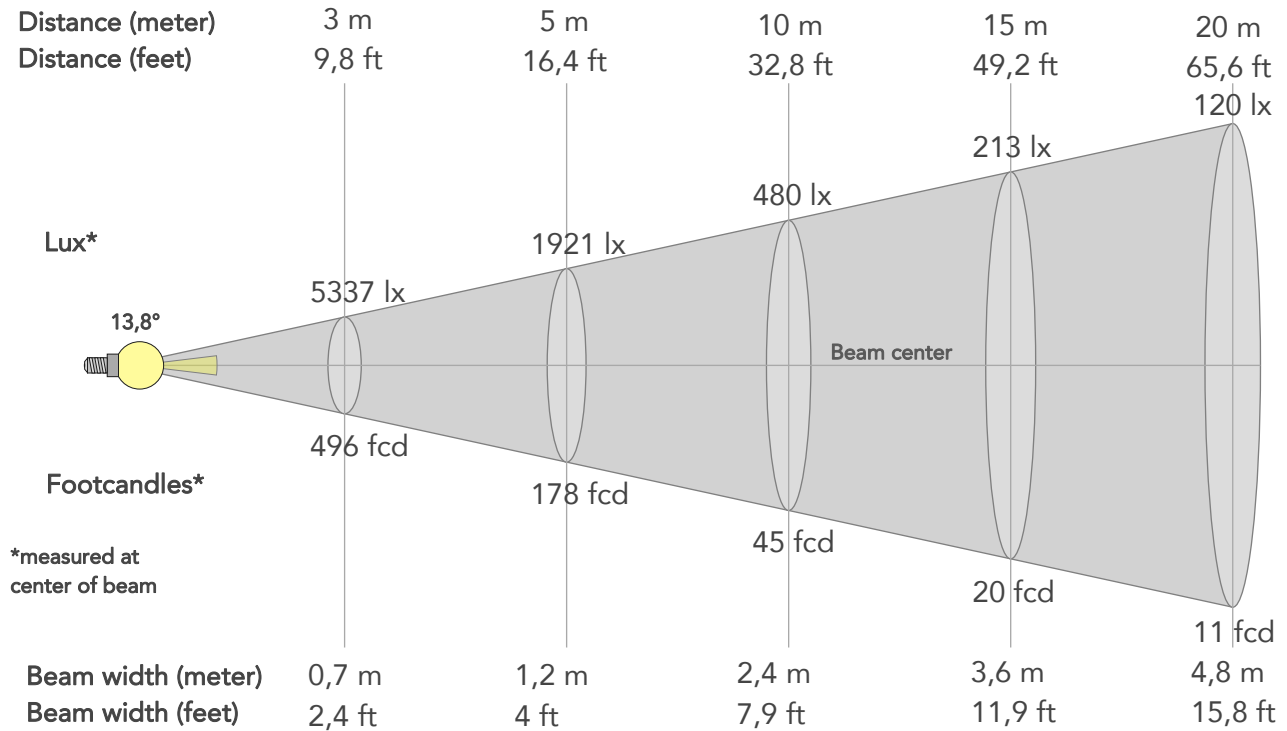
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	0%
2	98	0%	0%
3	96	-1%	-1%
4	95	-2%	-1%
5	90	-6%	-1%
6	96	-2%	0%
7	97	-2%	1%
8	92	-3%	4%
9	91	-2%	9%
10	88	0%	8%
11	86	3%	8%
12	97	2%	1%
13	94	4%	-1%
14	95	1%	-2%
15	85	9%	-8%
16	97	0%	0%



BEAM DETAILS



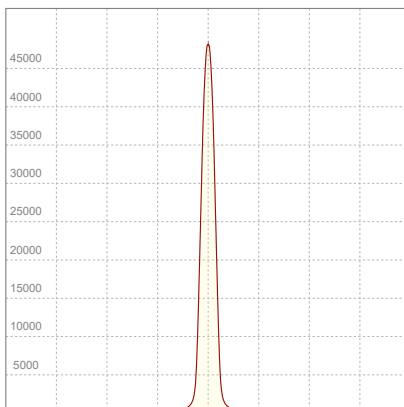
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,8°	21,7°	30,7°	97,7%	94,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	48031lx	12008lx	5337lx	3002lx	1921lx	854lx	480lx	213lx	120lx	77lx	53lx	30lx	19lx
Footcand.	4462fcd	1116fcd	496fcd	279fcd	178fcd	79fcd	45fcd	20fcd	11fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,4m	3,6m	4,8m	6m	7,2m	9,7m	12,1m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	5,9ft	7,9ft	11,9ft	15,8ft	19,8ft	23,8ft	31,7ft	39,6ft

LINEAR DISTRIBUTION DIAGRAM

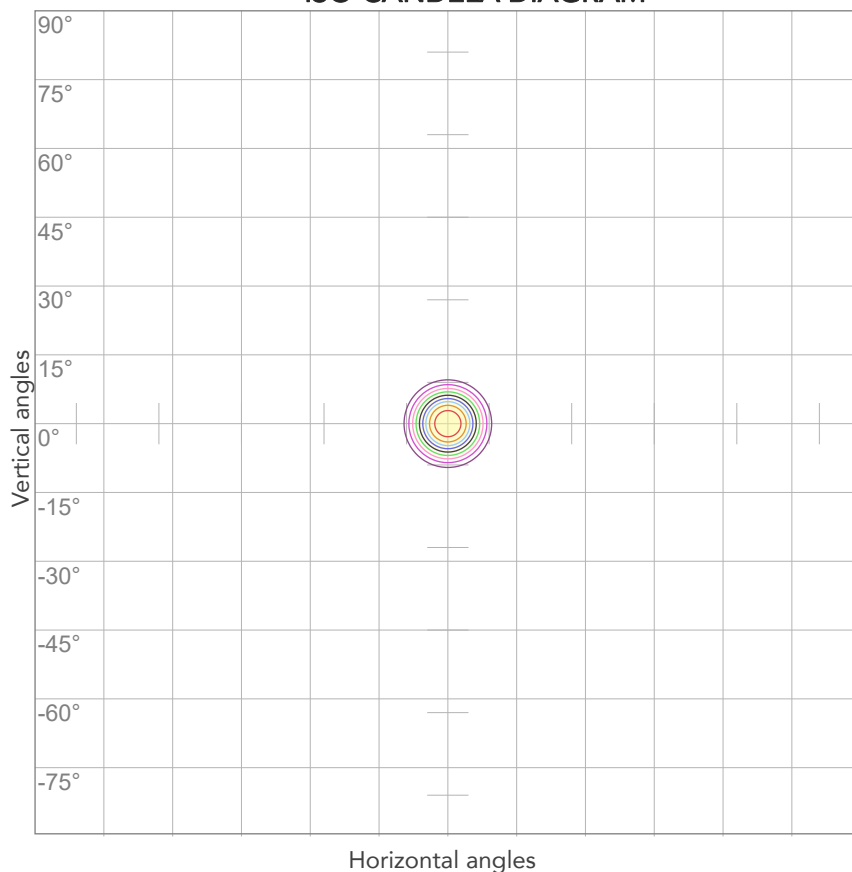


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,268A	57,9W	0,95	59lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



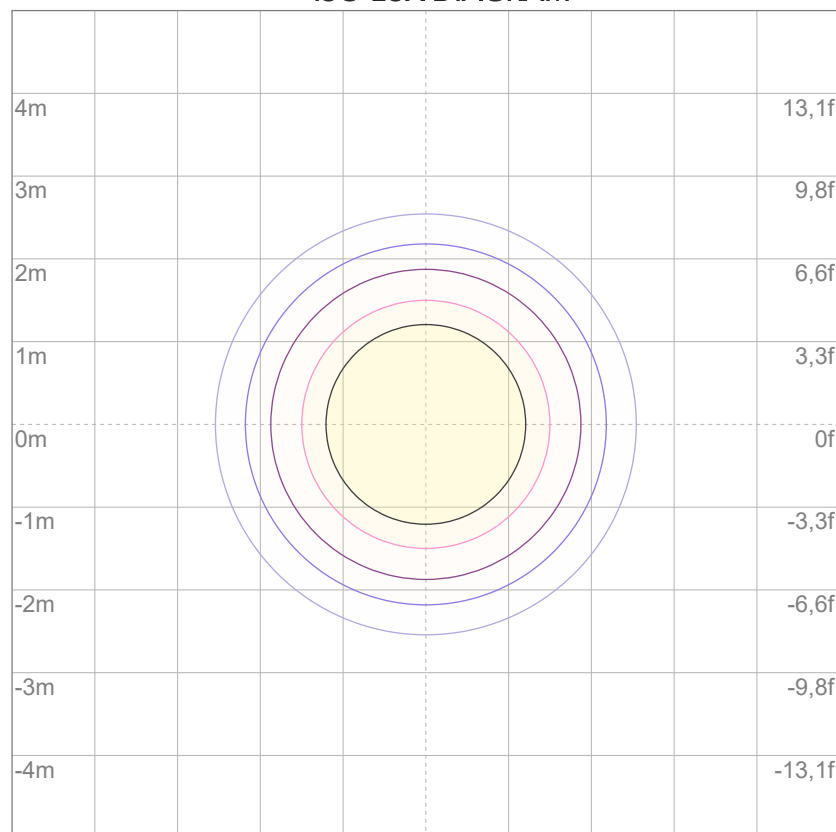
10%	4803 cd
20%	9606 cd
30%	14409 cd
40%	19212 cd
50%	24015 cd
60%	28818 cd
70%	33621 cd
80%	38424 cd

Conditions:

Number of c-planes: 2

Candela at center: 48031 cd

ISO LUX DIAGRAM



3%	14,4 lx
5%	24,0 lx
10%	48,0 lx
30%	144 lx
50%	240 lx

Conditions:

Number of c-planes: 2

Lux at center: 480 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3672 lm

Peak candela output:

13442 cd

Light quality:

CRI: 96,9

Color temperature:

6010 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Medium Lens

Target:

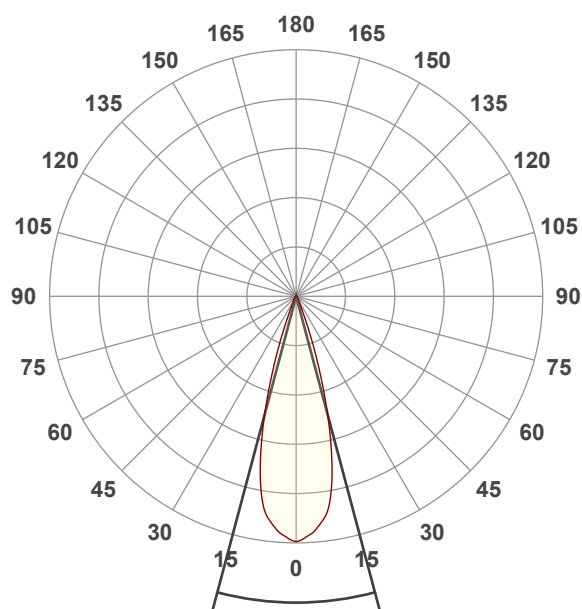
6000K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 14:23:18

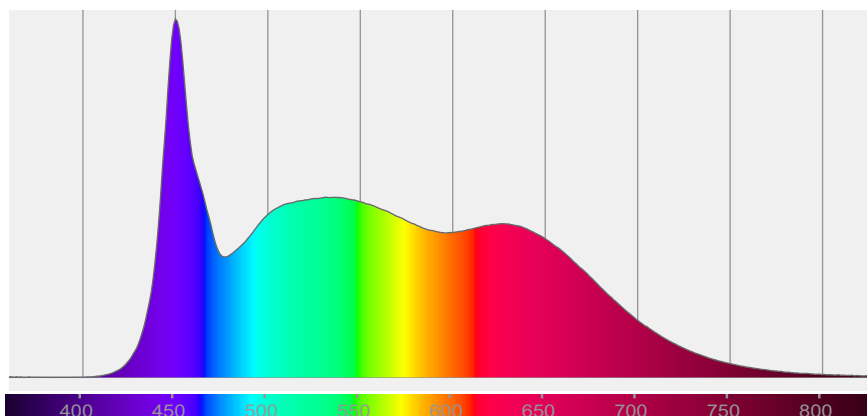


Beam angle 50%: 29,8°

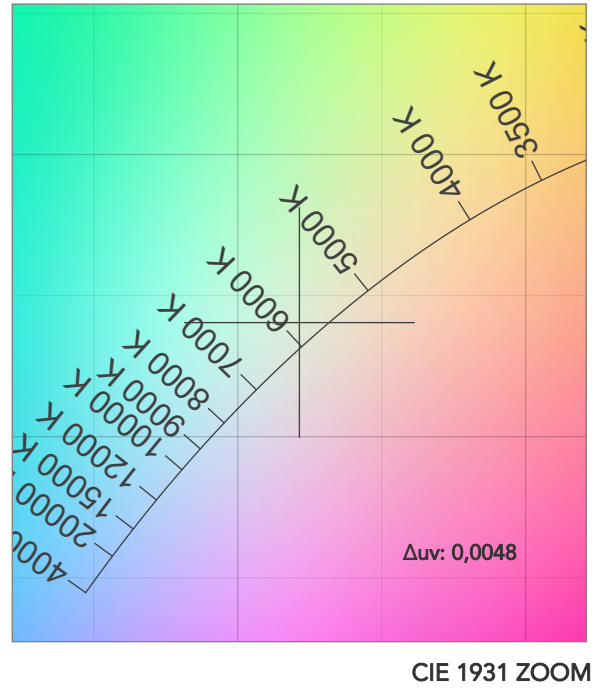
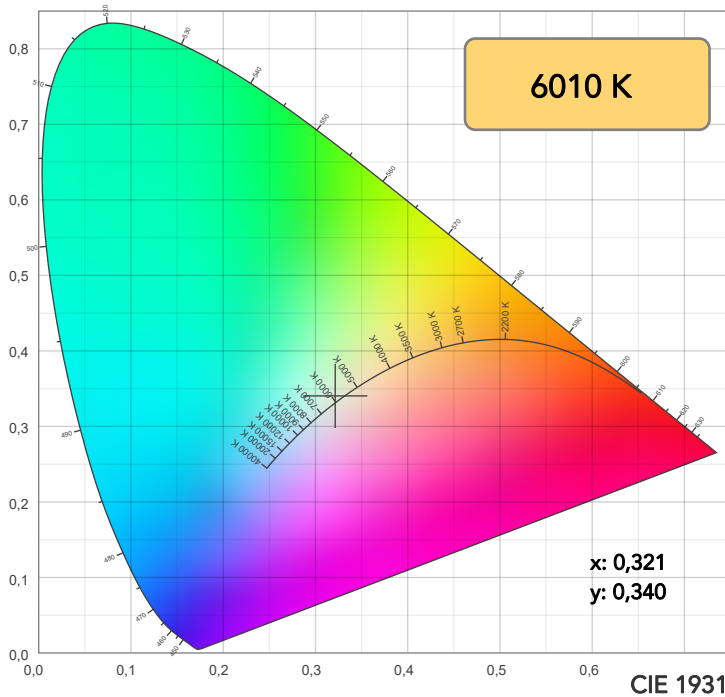
Field angle 10%: 43,4°

Cut off angle 2.5%: 59,2°

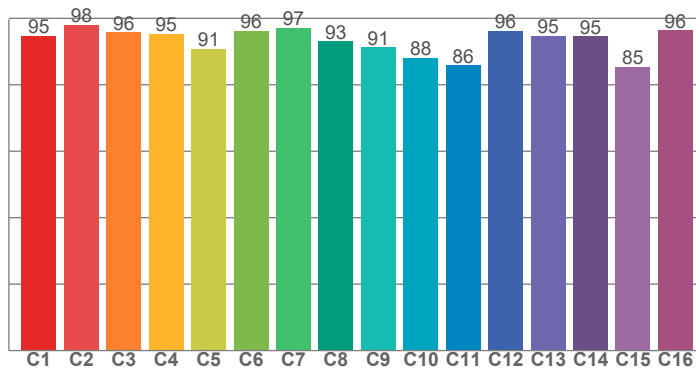
Spectra



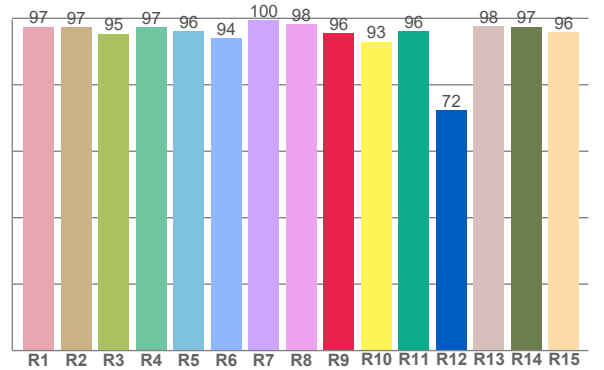
COLOR DETAILS



TM30: 93,0



CRI: 96,9 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,5	97,4	95,4	97,4	96,0	93,9	99,5	98,4	95,5	93,0	96,1	72,5	97,5	97,5	95,9

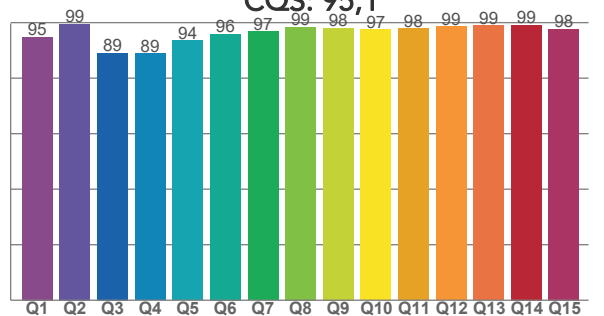
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,7	98,1	95,7	95,3	90,8	96,2	97,2	93,0	91,2	88,1	85,8	96,2	94,7	94,6	85,4	96,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,8	99,5	89,1	88,8	93,6	95,9	96,8	98,5	98,1	97,4	97,8	98,6	98,9	99,2	97,8

CQS: 95,1



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6010 K	96,9	95,5	93,0	99,8	95,1	99	0,321	0,340	0,0048

TM30 DETAILS

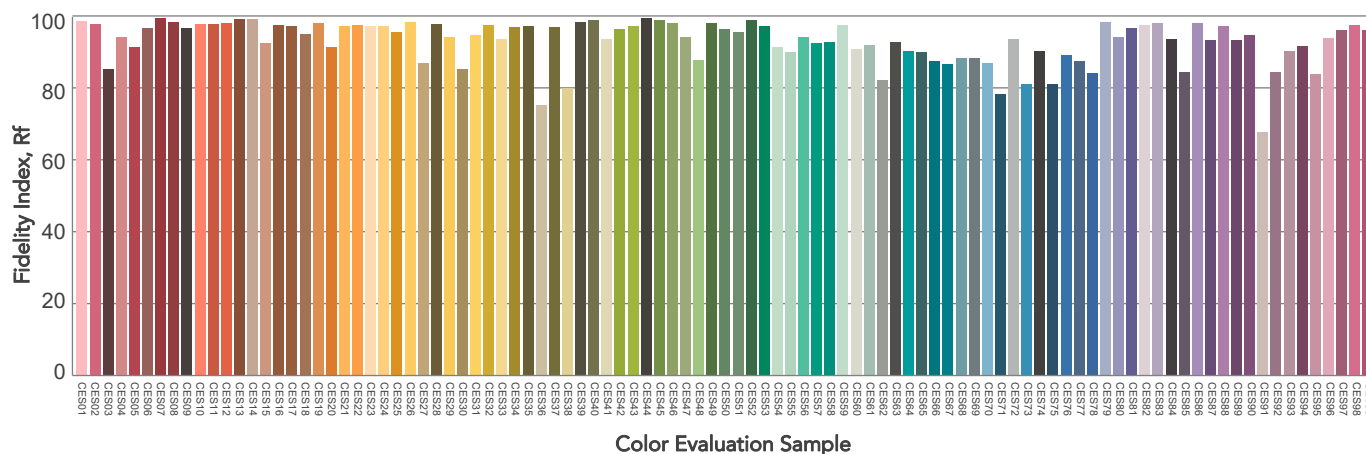
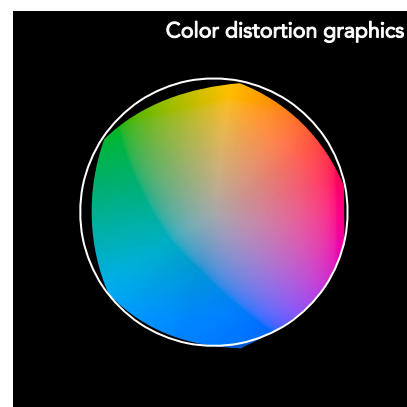
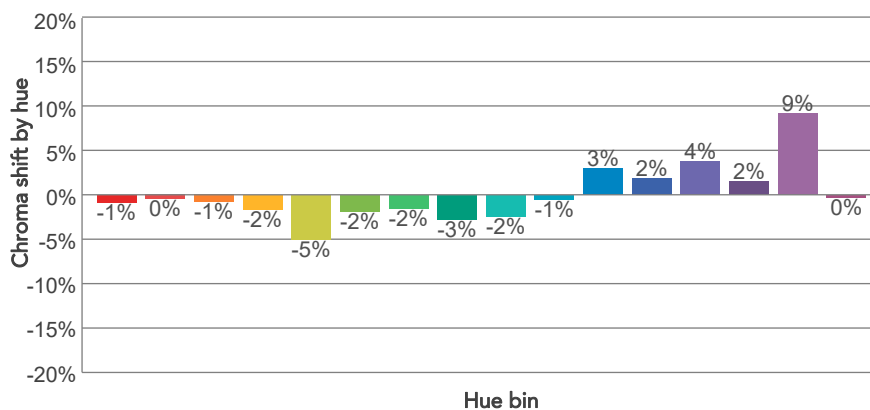
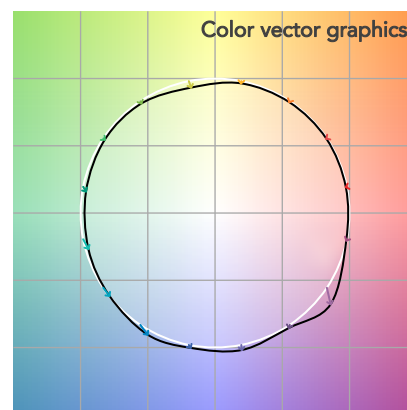
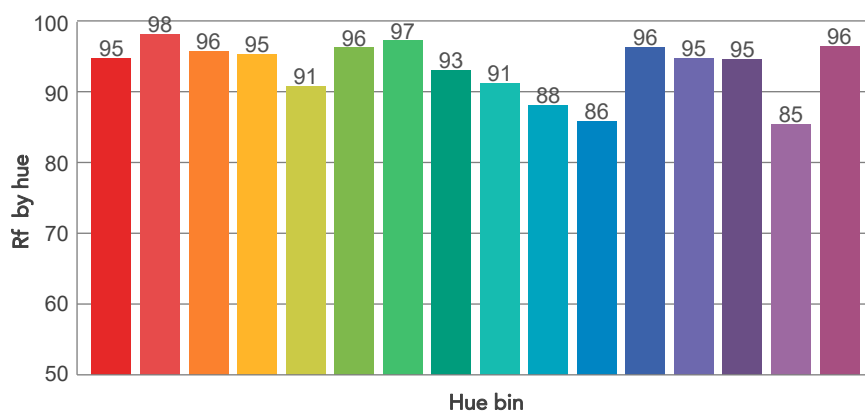
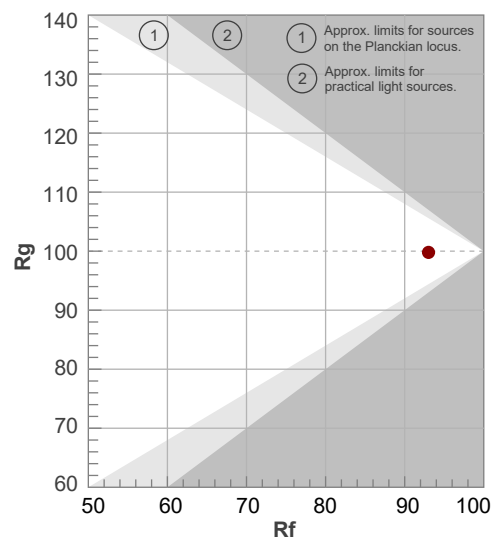
Rf 93,0

Fidelity index R_f

Rg 99,8

Gammut index

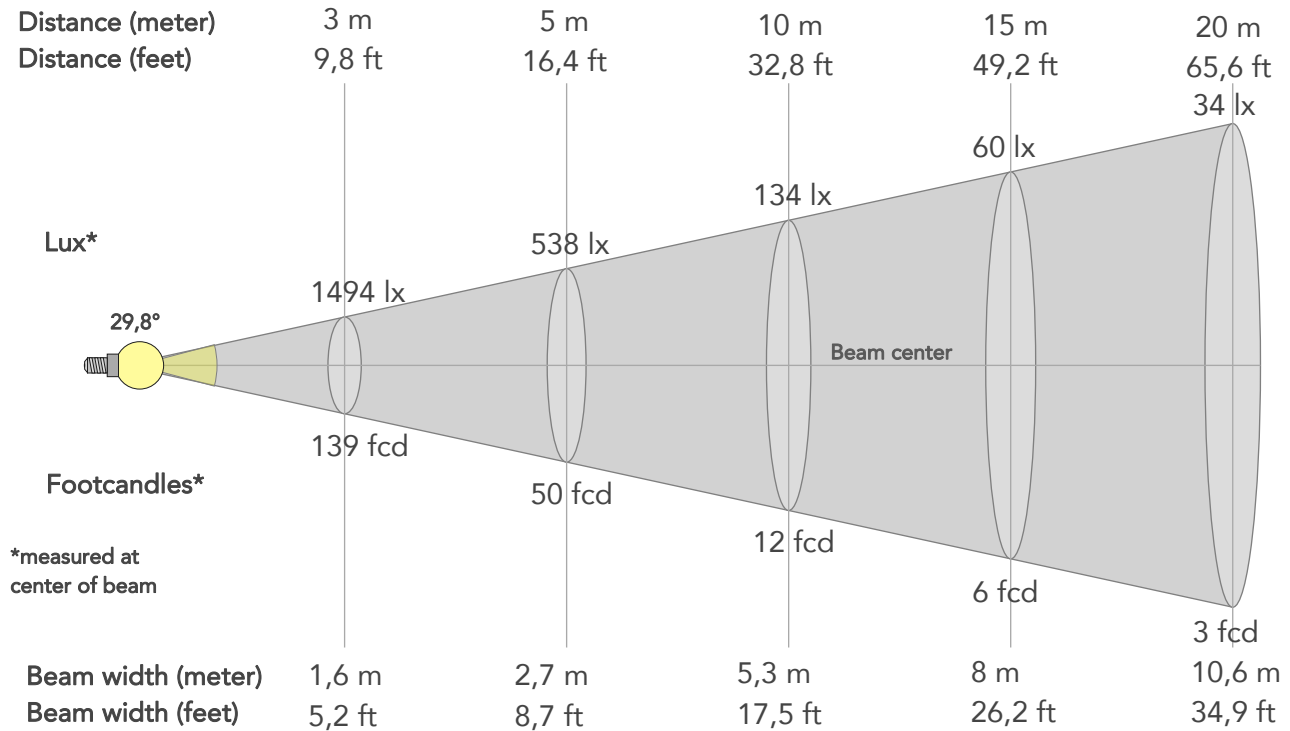
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	95	-1%	0%
2	98	0%	0%
3	96	-1%	0%
4	95	-2%	0%
5	91	-5%	-1%
6	96	-2%	0%
7	97	-2%	0%
8	93	-3%	3%
9	91	-2%	8%
10	88	-1%	8%
11	86	3%	9%
12	96	2%	2%
13	95	4%	0%
14	95	2%	-2%
15	85	9%	-9%
16	96	0%	-1%



BEAM DETAILS



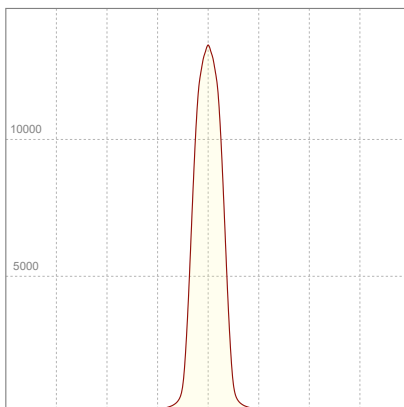
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
29,8°	43,4°	59,2°	97,4%	94,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	13442lx	3361lx	1494lx	840lx	538lx	239lx	134lx	60lx	34lx	22lx	15lx	8lx	5lx
Footcand.	1249fcd	312fcd	139fcd	78fcd	50fcd	22fcd	12fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1,1m	1,6m	2,1m	2,7m	4m	5,3m	8m	10,6m	13,3m	16m	21,3m	26,6m
Beam wid.	1,8ft	3,5ft	5,2ft	7ft	8,7ft	13,1ft	17,5ft	26,2ft	34,9ft	43,7ft	52,4ft	69,8ft	87,3ft

LINEAR DISTRIBUTION DIAGRAM

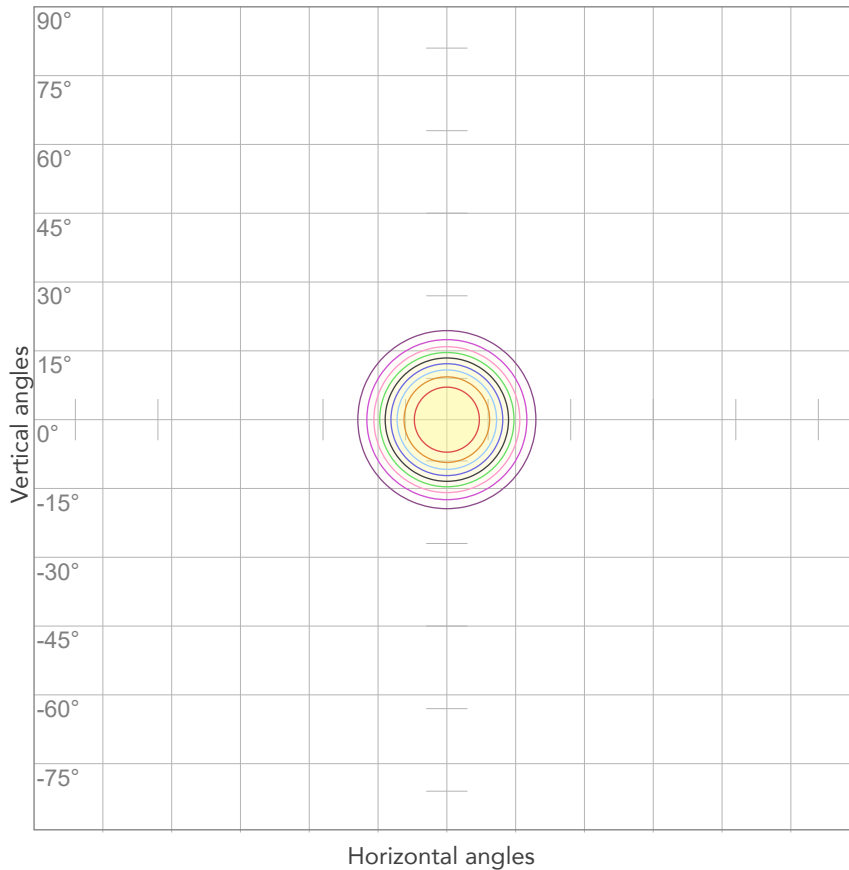


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,287A	62,6W	0,95	59lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



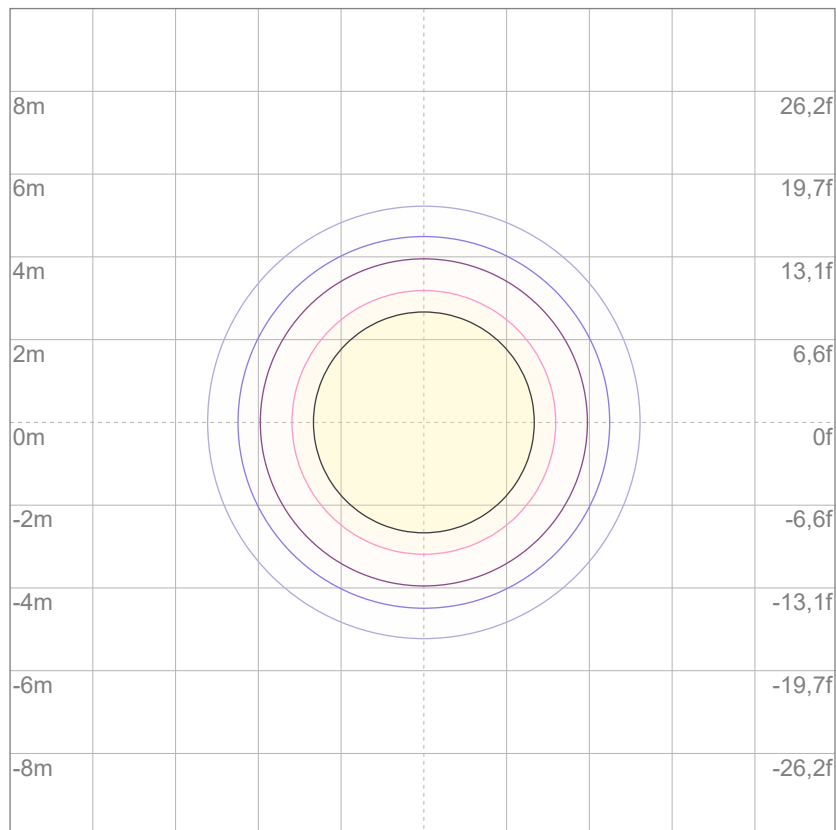
10%	1344 cd
20%	2688 cd
30%	4033 cd
40%	5377 cd
50%	6721 cd
60%	8065 cd
70%	9410 cd
80%	10754 cd

Conditions:

Number of c-planes: 2

Candela at center: 13442 cd

ISO LUX DIAGRAM



3%	4,03 lx
5%	6,72 lx
10%	13,4 lx
30%	40,3 lx
50%	67,2 lx

Conditions:

Number of c-planes: 2

Lux at center: 134 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3337 lm

Peak candela output:

4328 cd

Light quality:

CRI: 97,5

Color temperature:

6020 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle:

Wide Lens

Target:

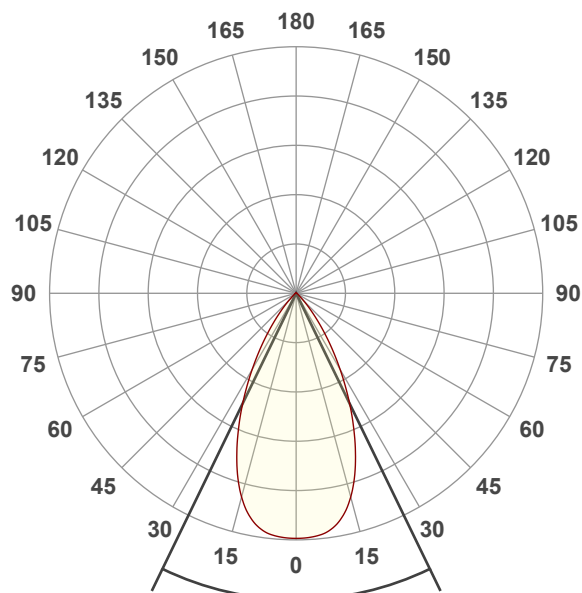
6000K

Operator:

Giuseppe della Peruta

Date and time:

01/08/2025 17:39:50

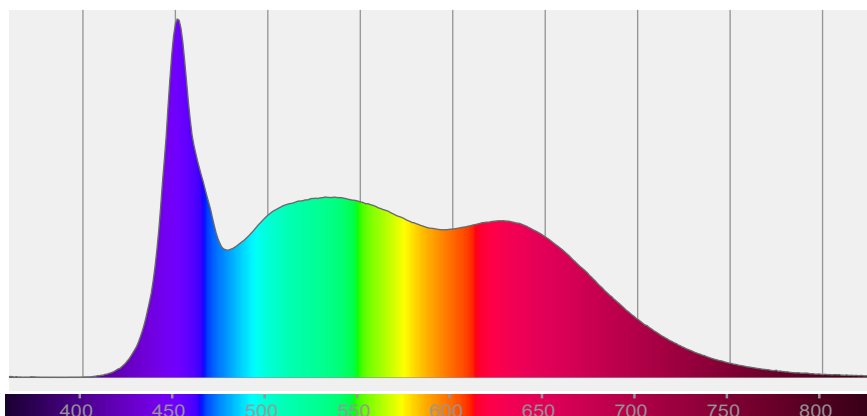


Beam angle 50%: 51,8°

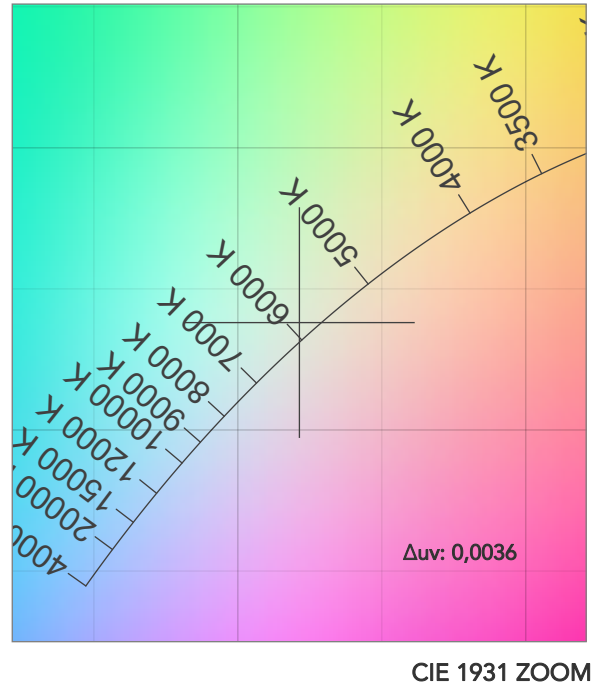
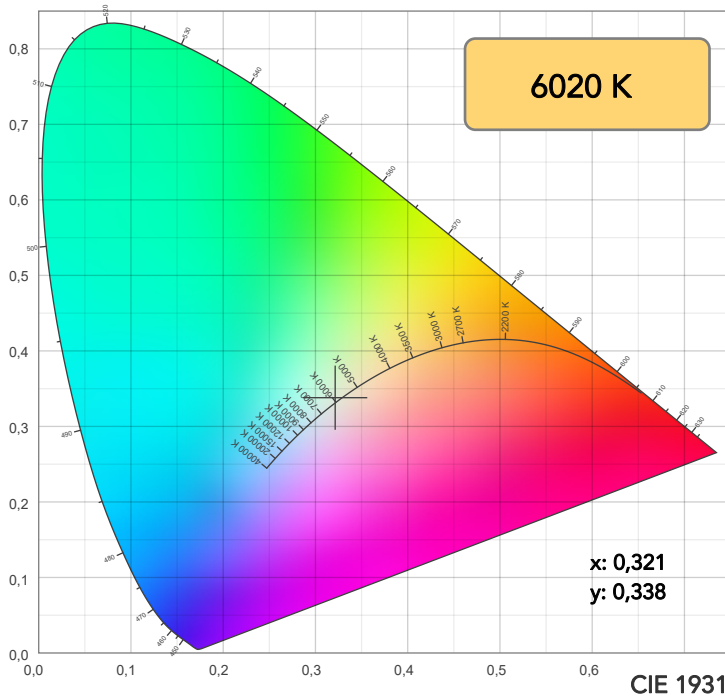
Field angle 10%: 80,8°

Cut off angle 2.5%: 97,2°

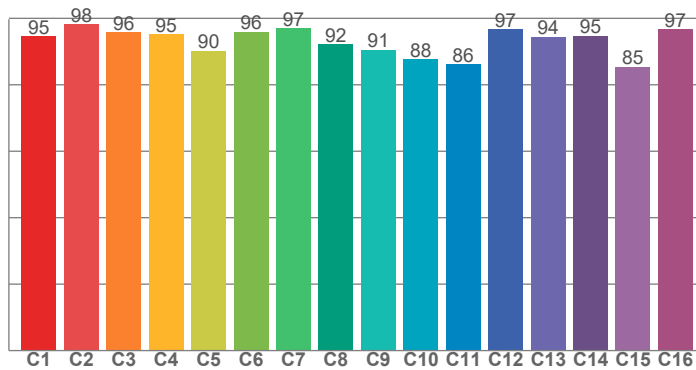
Spectra



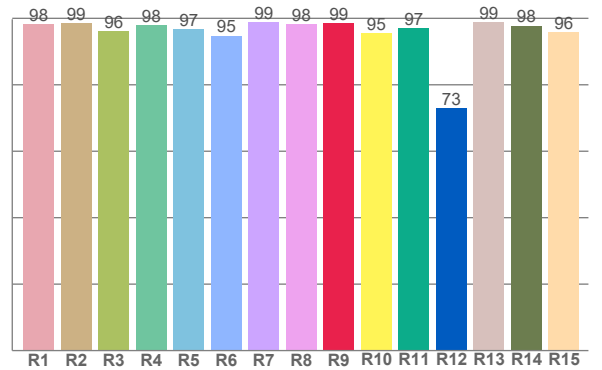
COLOR DETAILS



TM30: 92,9



CRI: 97,5 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,3	98,7	96,1	98,0	96,6	94,8	98,9	98,3	98,6	95,5	97,1	72,9	98,9	97,8	95,9

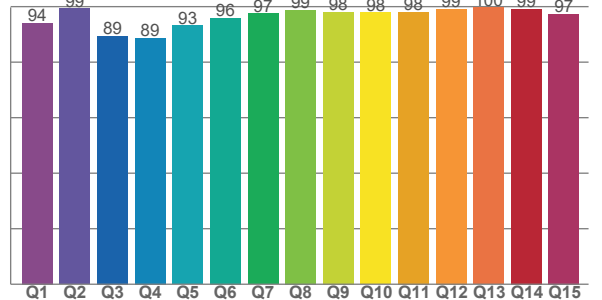
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,6	98,2	95,8	95,2	90,2	95,9	96,9	92,2	90,5	87,7	86,2	96,6	94,5	94,8	85,4	96,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,1	99,3	89,5	88,6	93,2	95,9	97,5	98,8	98,1	97,9	98,0	99,1	99,7	99,2	97,4

CQS: 95,1



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6020 K	97,5	98,6	92,9	99,7	95,1	99	0,321	0,338	0,0036

TM30 DETAILS

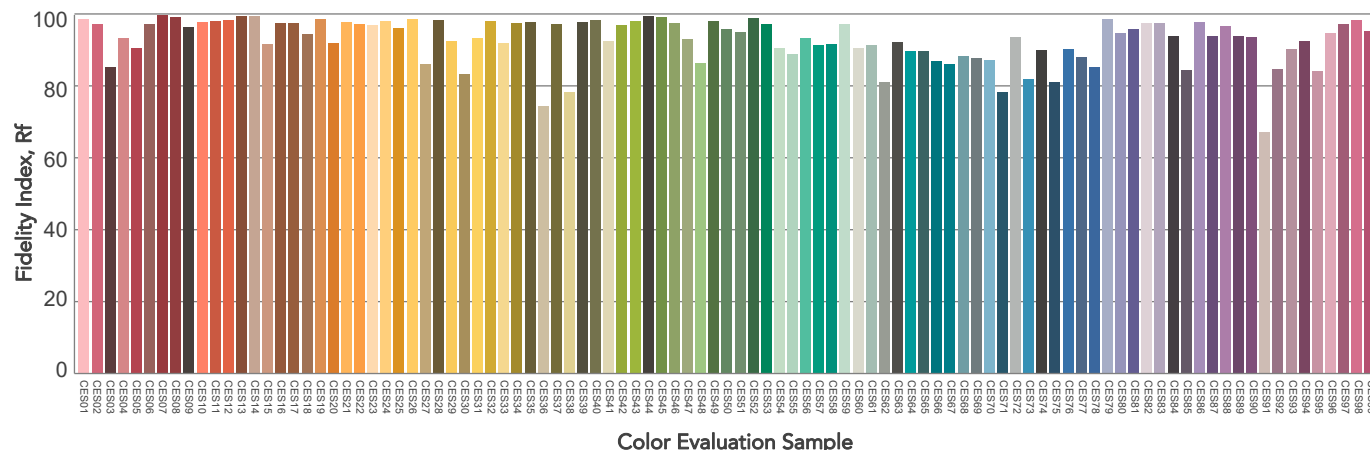
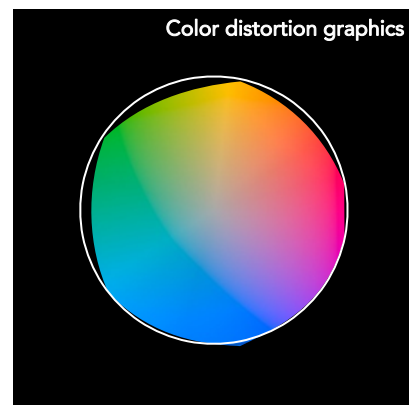
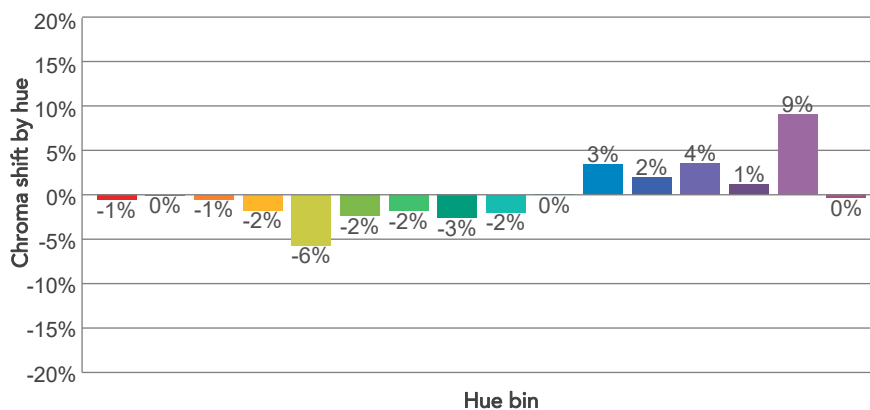
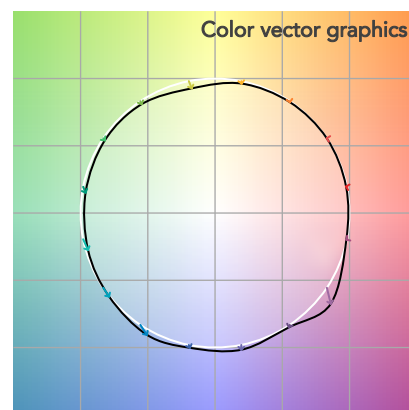
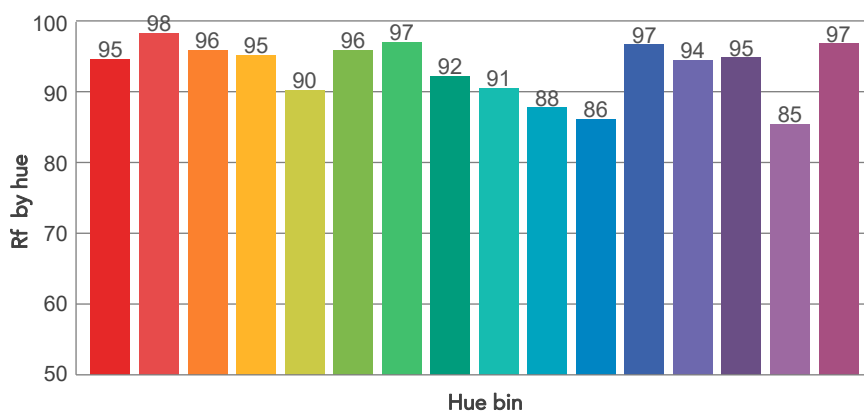
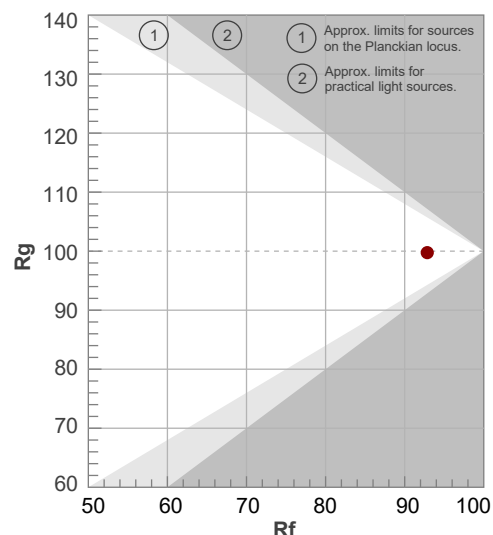
Rf 92,9

Fidelity index Rf

Rg 99,7

Gammut index

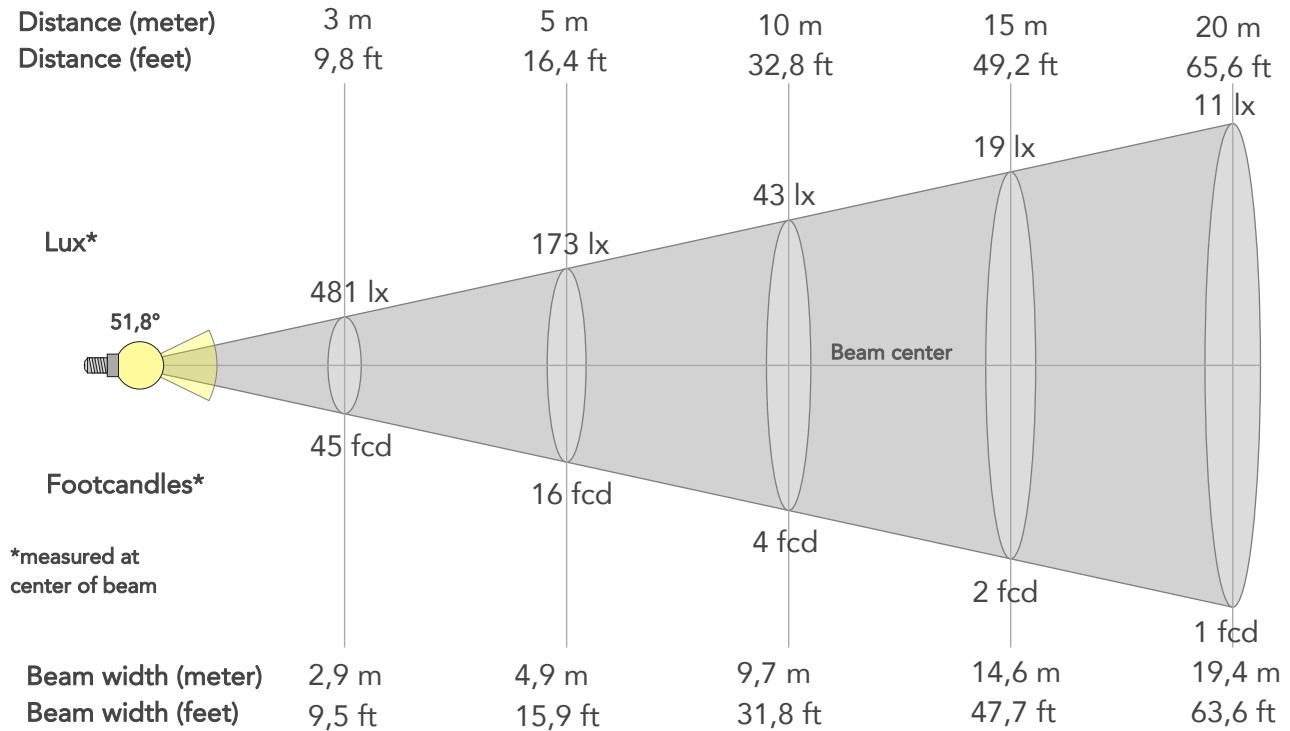
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	0%
2	98	0%	0%
3	96	-1%	-1%
4	95	-2%	-1%
5	90	-6%	-1%
6	96	-2%	0%
7	97	-2%	1%
8	92	-3%	4%
9	91	-2%	9%
10	88	0%	8%
11	86	3%	8%
12	97	2%	1%
13	94	4%	-1%
14	95	1%	-2%
15	85	9%	-8%
16	97	0%	0%



BEAM DETAILS



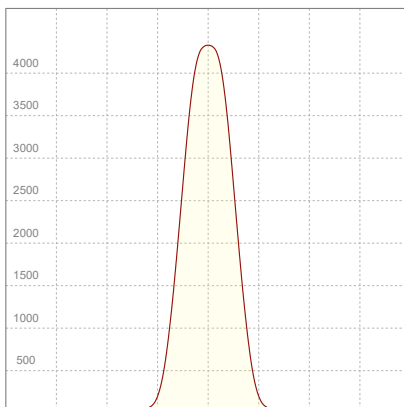
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
51,8°	80,8°	97,2°	98,3%	95,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4328lx	1082lx	481lx	271lx	173lx	77lx	43lx	19lx	11lx	7lx	5lx	3lx	2lx
Footcand.	402fcd	101fcd	45fcd	25fcd	16fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	1,9m	2,9m	3,9m	4,9m	7,3m	9,7m	14,6m	19,4m	24,3m	29,1m	38,8m	48,5m
Beam wid.	3,2ft	6,4ft	9,5ft	12,7ft	15,9ft	23,9ft	31,8ft	47,7ft	63,6ft	79,5ft	95,5ft	127,3ft	159,1ft

LINEAR DISTRIBUTION DIAGRAM

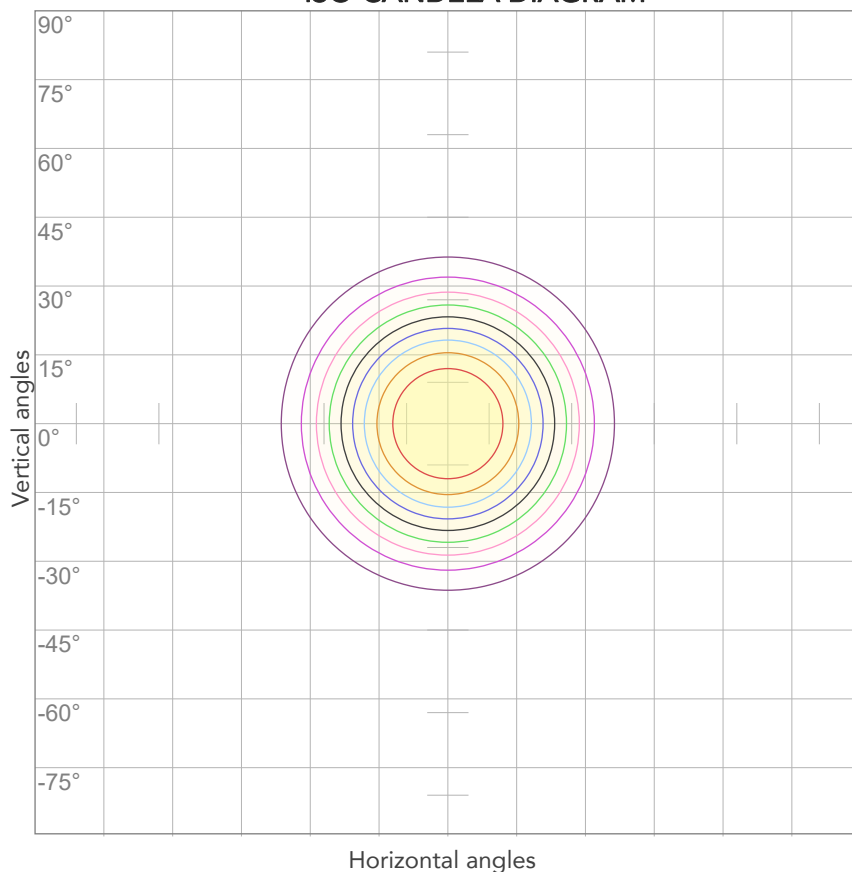


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	0,269A	58,1W	0,95	57lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



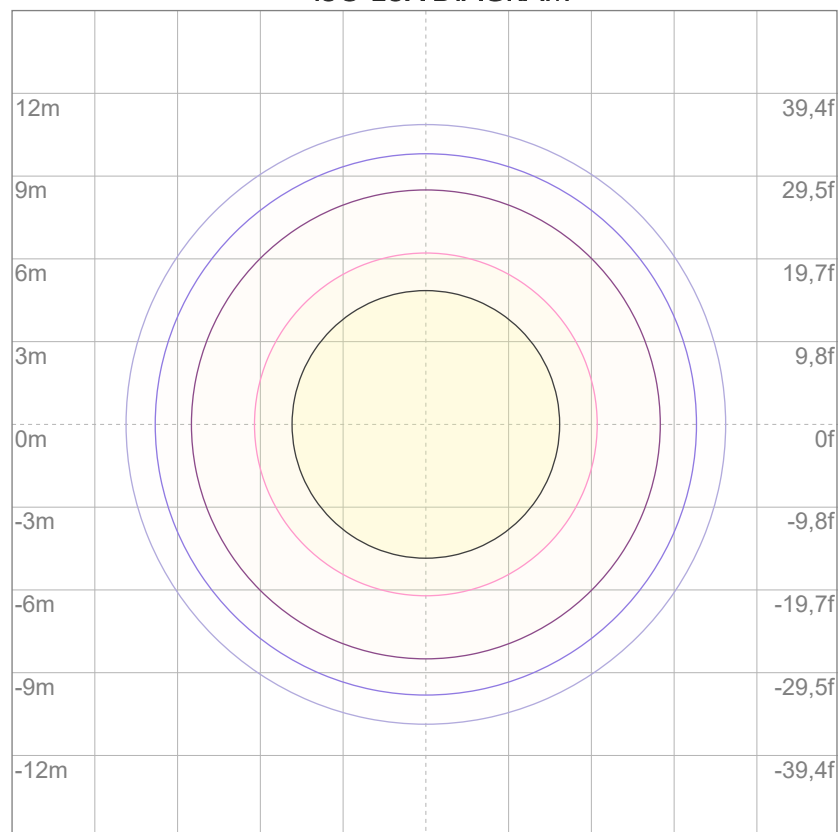
10%	433 cd
20%	866 cd
30%	1299 cd
40%	1731 cd
50%	2164 cd
60%	2597 cd
70%	3030 cd
80%	3463 cd

Conditions:

Number of c-planes: 2

Candela at center: 4328 cd

ISO LUX DIAGRAM



3%	1,30 lx
5%	2,16 lx
10%	4,33 lx
30%	13,0 lx
50%	21,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 43,3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3192 lm

Peak candela output:

23219 cd

Light quality:

CRI: 97,2

Color temperature:

6032 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x20° Filter

Target:

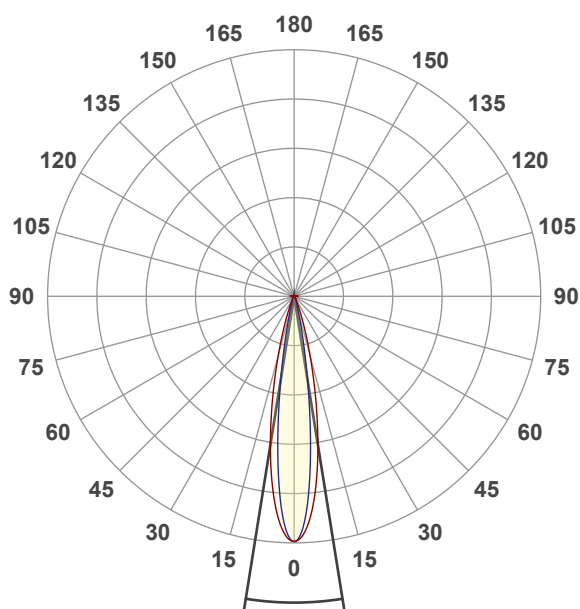
6000K

Operator:

Giuseppe della Peruta

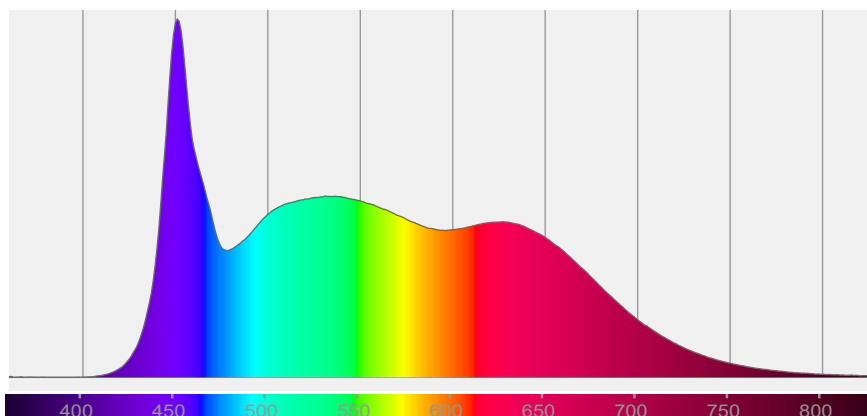
Date and time:

04/08/2025 16:47:39

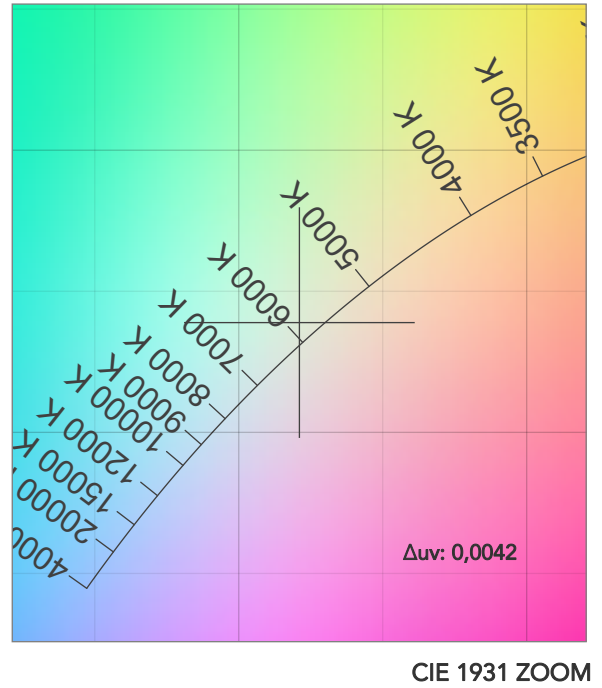
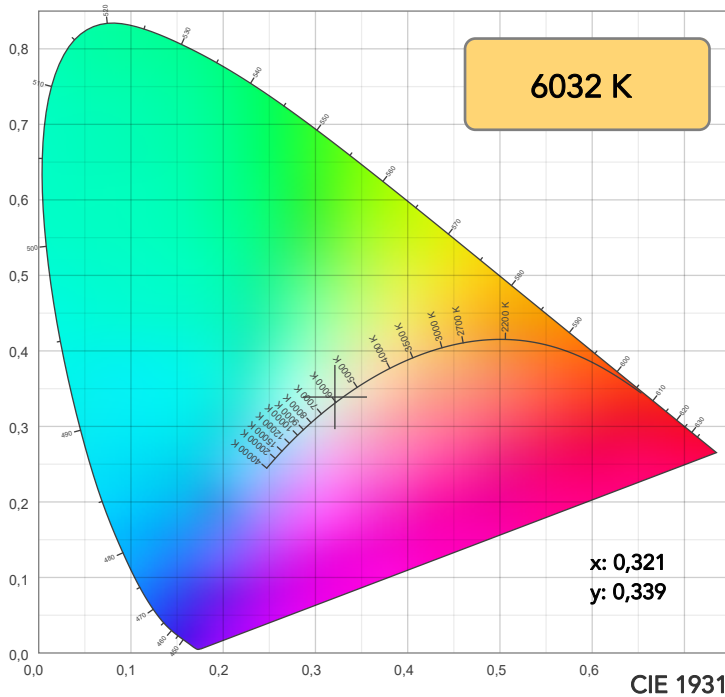


	Blue curve V	Red curve H
Beam angle 50%:	14,8°	21,5°
Field angle 10%:	27,3°	38,7°
Cut off angle 2.5%:	41,7°	52,4°

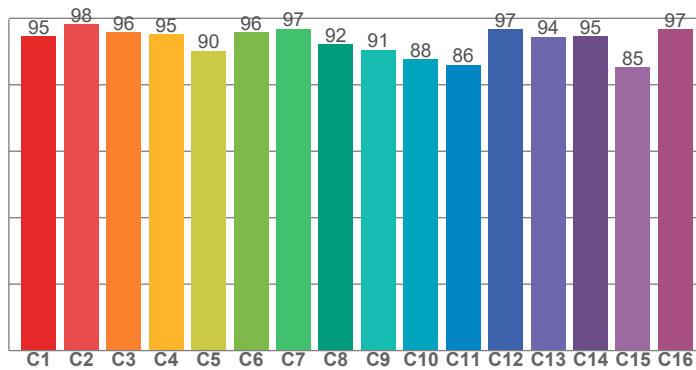
Spectra



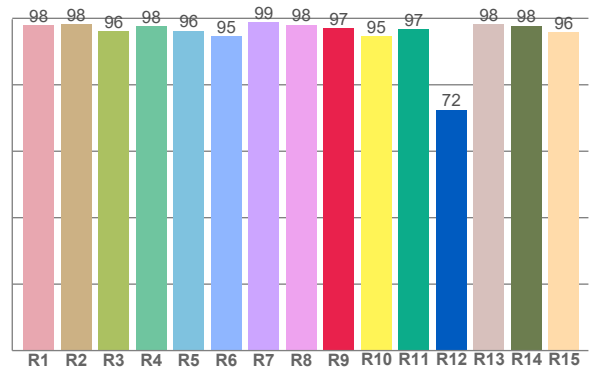
COLOR DETAILS



TM30: 92,8



CRI: 97,2 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,0	98,2	96,1	97,5	96,3	94,5	98,9	98,1	97,1	94,7	96,8	72,5	98,3	97,8	95,8

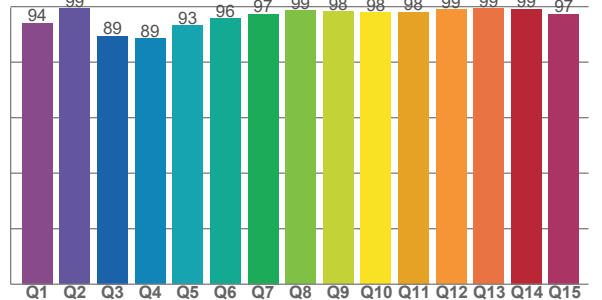
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,6	98,2	95,8	95,2	90,2	95,9	96,8	92,2	90,5	87,7	86,1	96,6	94,4	94,7	85,3	96,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,0	99,3	89,5	88,6	93,1	95,6	97,3	98,6	98,3	97,8	98,1	98,9	99,4	99,2	97,4

CQS: 95,0



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6032 K	97,2	97,1	92,8	99,6	95,0	99	0,321	0,339	0,0042

TM30 DETAILS

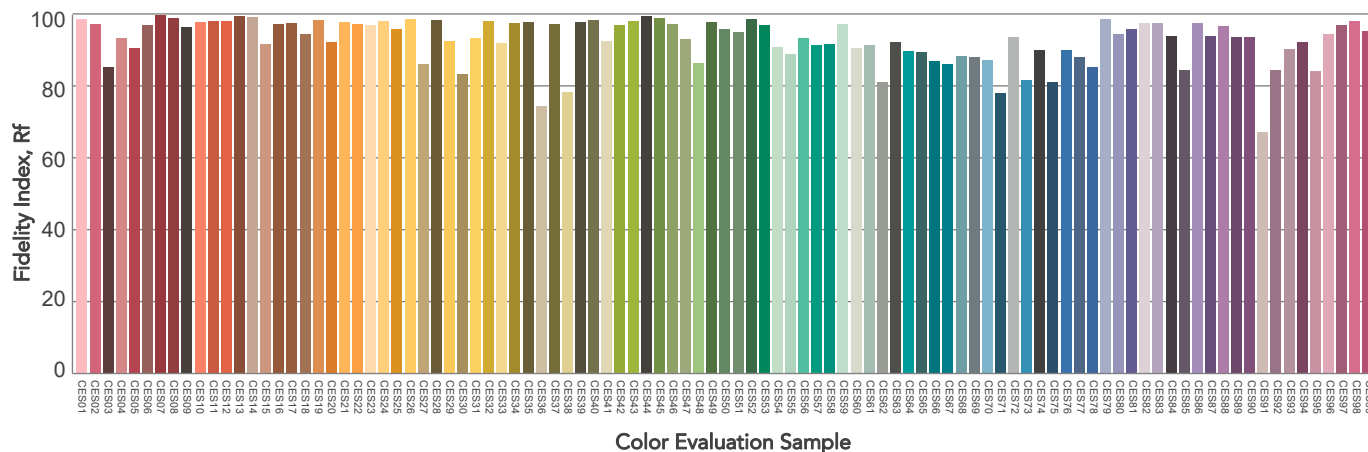
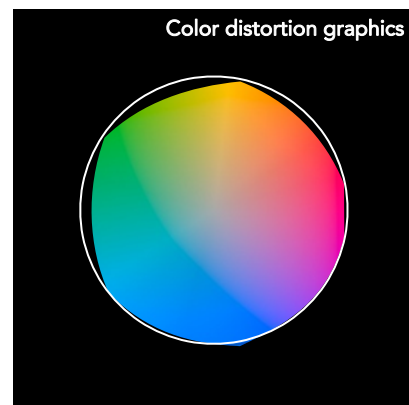
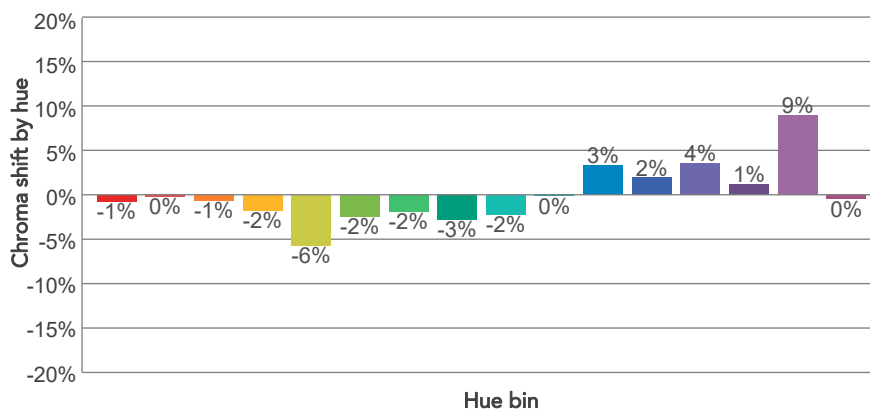
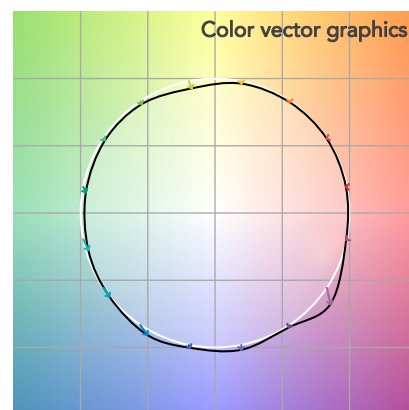
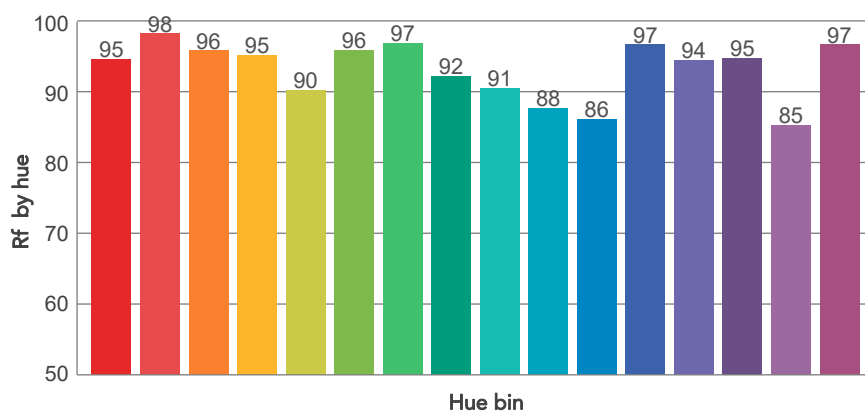
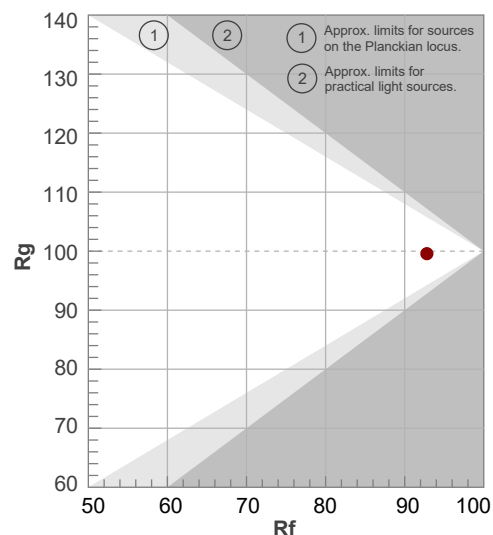
Rf 92,8

Fidelity index Rf

Rg 99,6

Gammut index

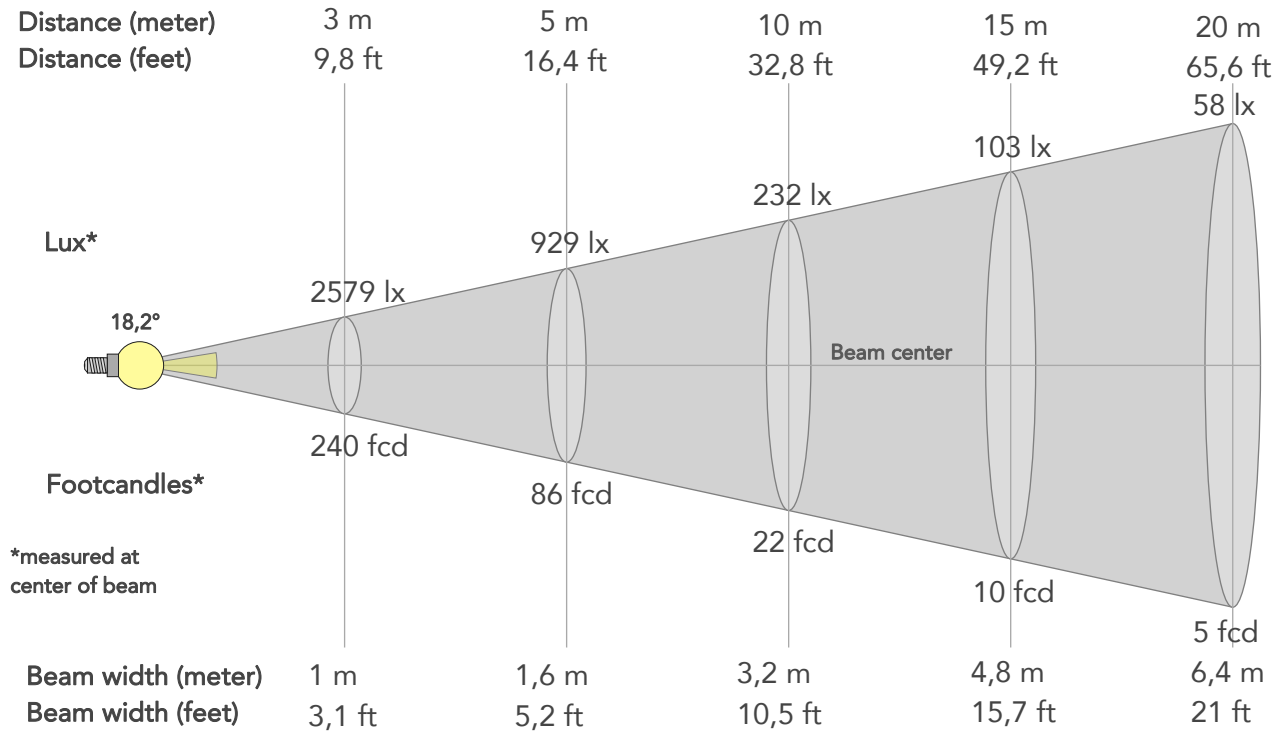
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	0%
2	98	0%	0%
3	96	-1%	0%
4	95	-2%	-1%
5	90	-6%	-1%
6	96	-2%	0%
7	97	-2%	1%
8	92	-3%	4%
9	91	-2%	8%
10	88	0%	8%
11	86	3%	8%
12	97	2%	1%
13	94	4%	-1%
14	95	1%	-2%
15	85	9%	-9%
16	97	0%	-1%



BEAM DETAILS



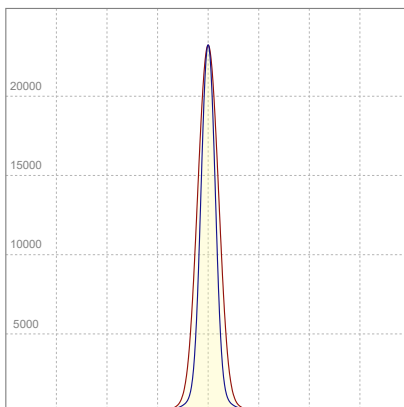
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,2°	33°	47,1°	98,2%	95,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	23214lx	5804lx	2579lx	1451lx	929lx	413lx	232lx	103lx	58lx	37lx	26lx	15lx	9lx
Footcand.	2157fcd	539fcd	240fcd	135fcd	86fcd	38fcd	22fcd	10fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,9ft	10,5ft	15,7ft	21ft	26,2ft	31,5ft	42ft	52,4ft

LINEAR DISTRIBUTION DIAGRAM

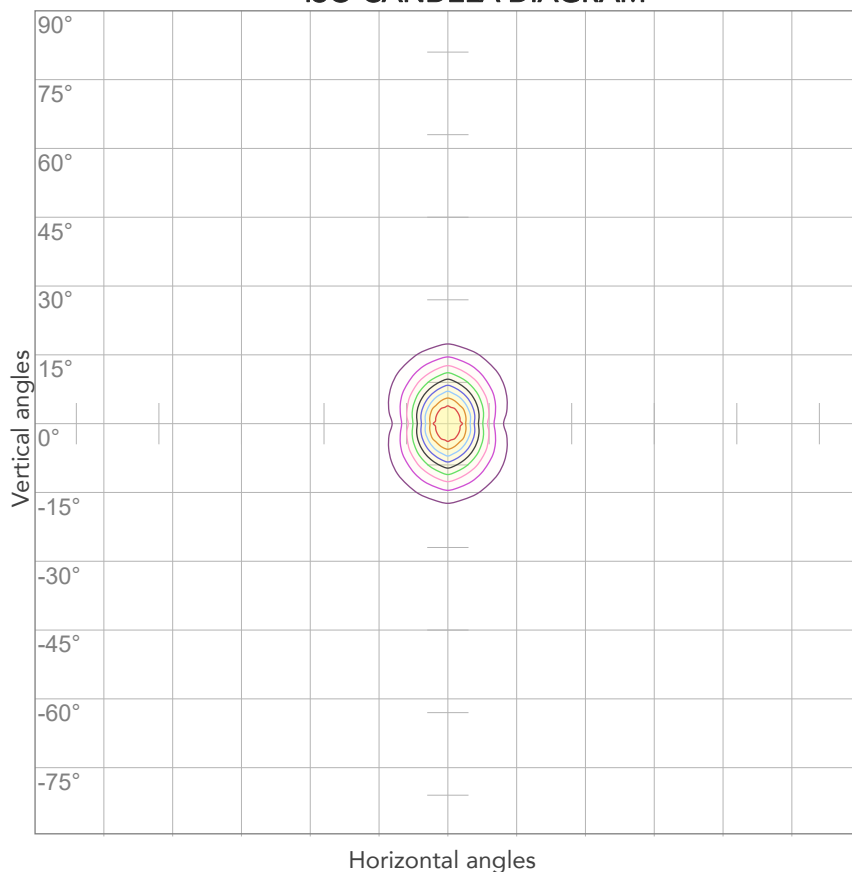


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,278A	60,2W	0,95	53lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



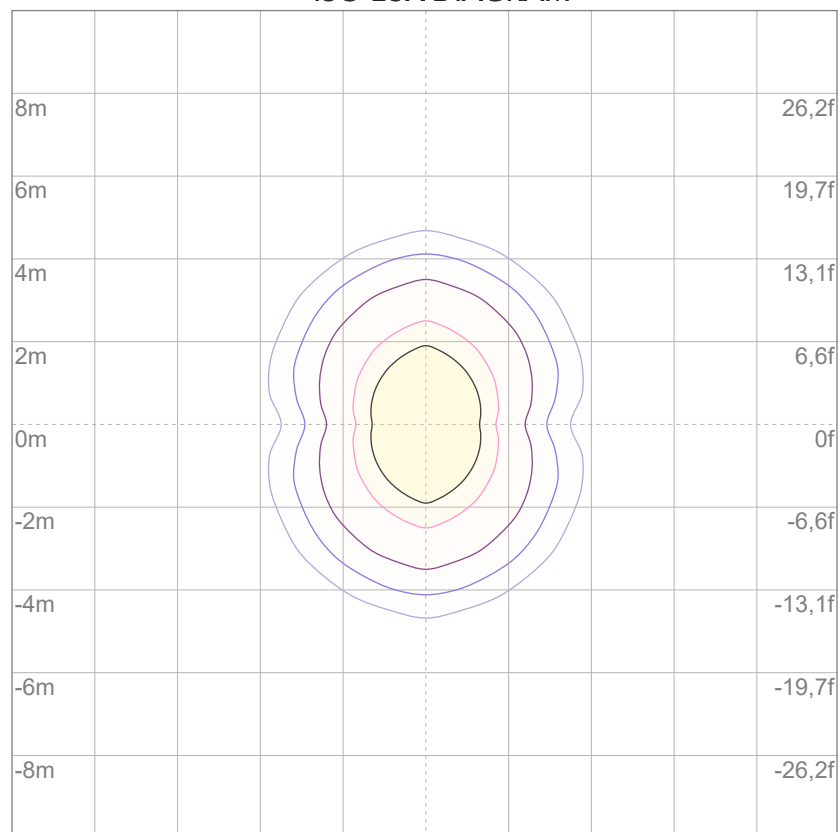
10%	2321 cd
20%	4643 cd
30%	6964 cd
40%	9286 cd
50%	11607 cd
60%	13928 cd
70%	16250 cd
80%	18571 cd

Conditions:

Number of c-planes: 4

Candela at center: 23214 cd

ISO LUX DIAGRAM



3%	6,96 lx
5%	11,6 lx
10%	23,2 lx
30%	69,6 lx
50%	116 lx

Conditions:

Number of c-planes: 4

Lux at center: 232 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3786 lm

Peak candela output:

13836 cd

Light quality:

CRI: 97,3

Color temperature:

6036 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x40° Filter

Target:

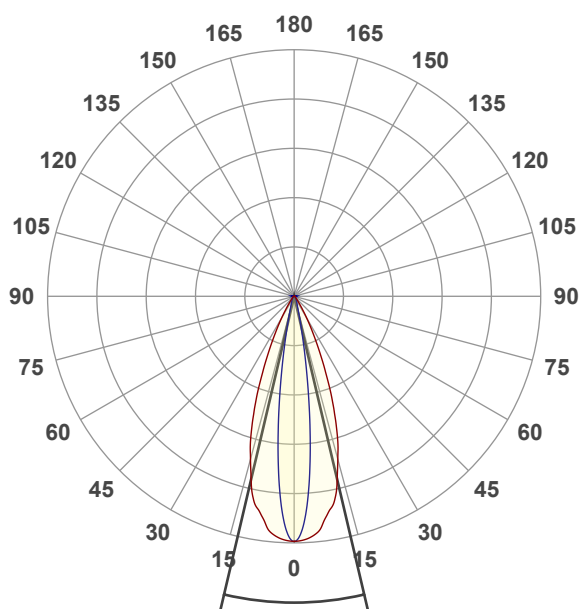
6000K

Operator:

Giuseppe della Peruta

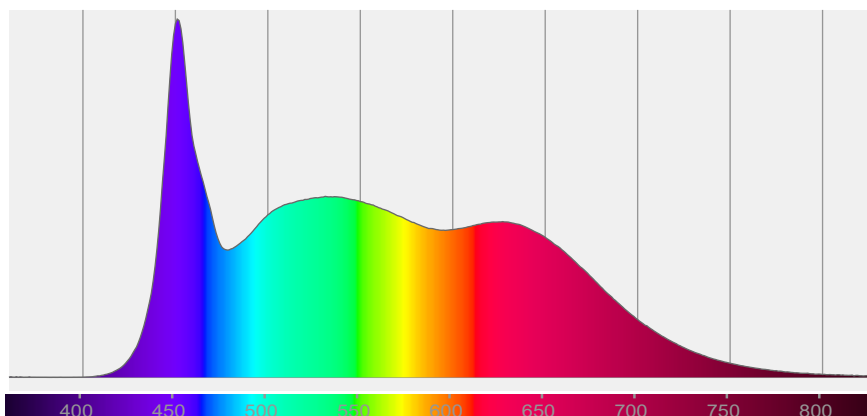
Date and time:

04/08/2025 16:53:00

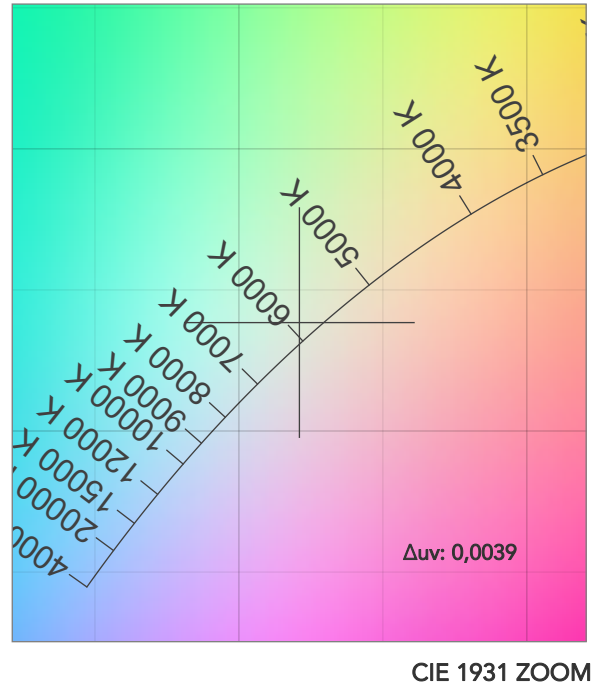
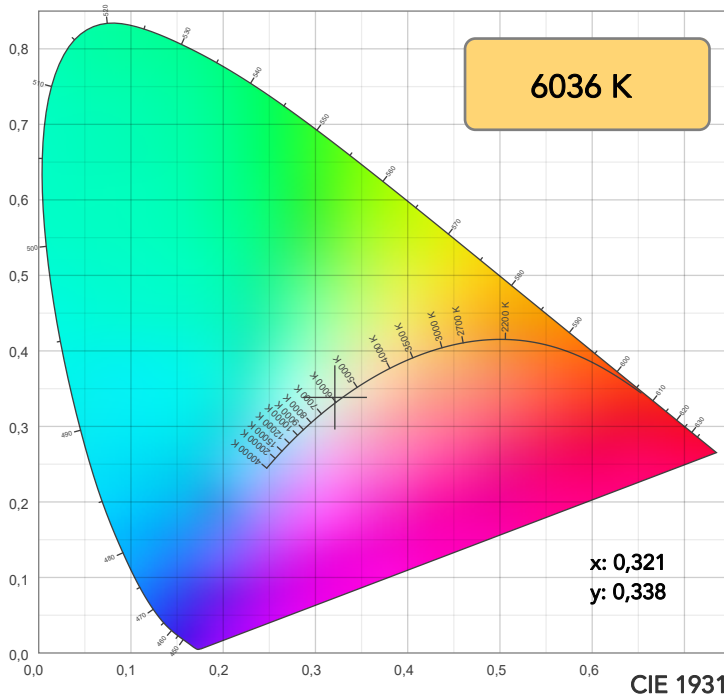


	Blue curve V	Red curve H
Beam angle 50%:	14,6°	38,3°
Field angle 10%:	27,4°	60,2°
Cut off angle 2.5%:	48,2°	75,8°

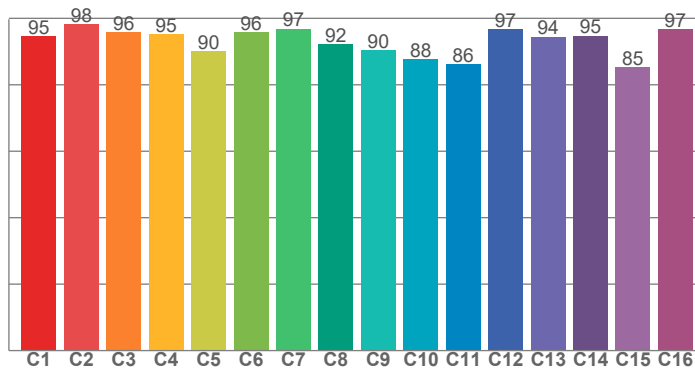
Spectra



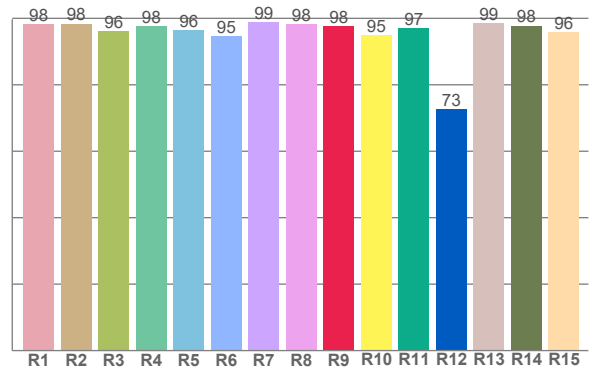
COLOR DETAILS



TM30: 92,8



CRI: 97,3 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,1	98,4	96,1	97,7	96,4	94,6	98,9	98,1	97,7	95,0	96,9	72,6	98,6	97,8	95,8

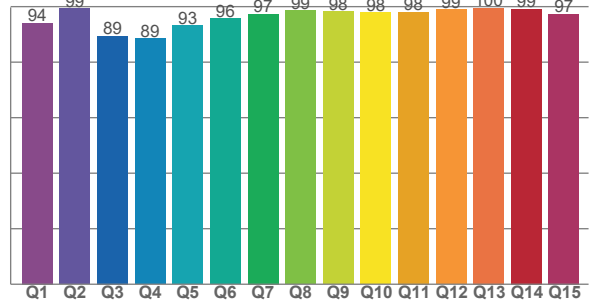
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,6	98,2	95,8	95,2	90,1	95,8	96,8	92,2	90,5	87,6	86,1	96,6	94,4	94,7	85,3	96,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,0	99,3	89,5	88,6	93,1	95,7	97,4	98,6	98,2	97,9	98,0	99,0	99,5	99,2	97,4

CQS: 95,0



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6036 K	97,3	97,7	92,8	99,6	95,0	99	0,321	0,338	0,0039

TM30 DETAILS

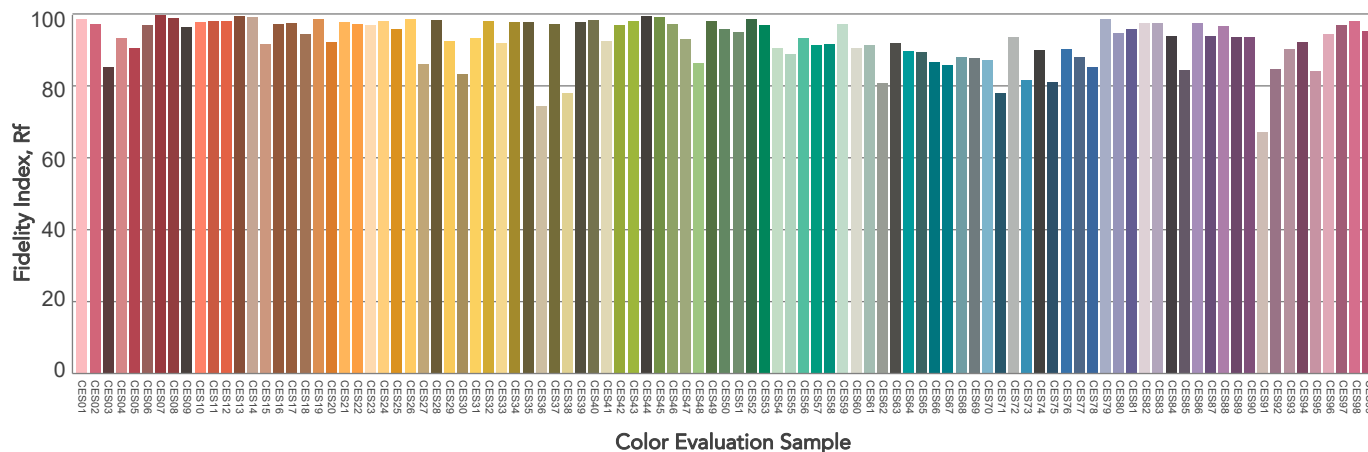
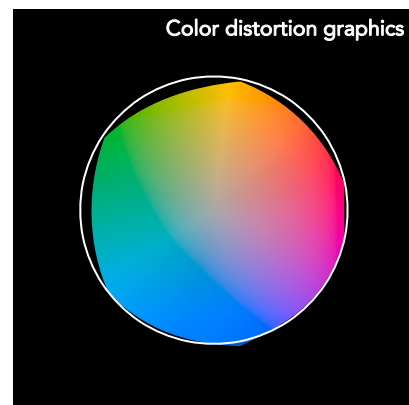
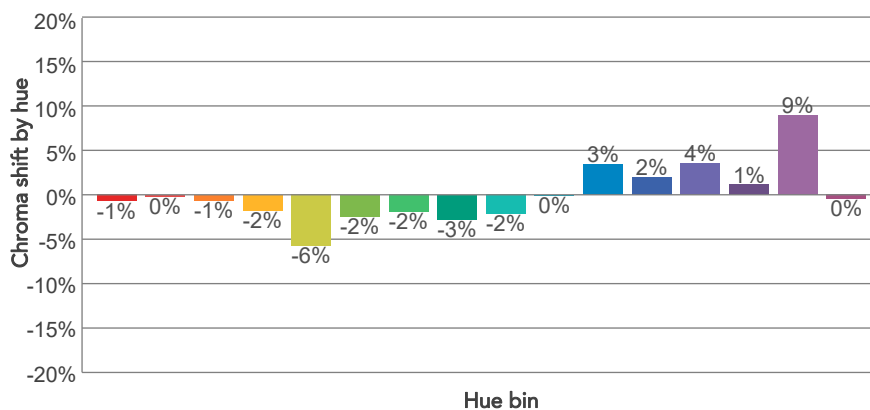
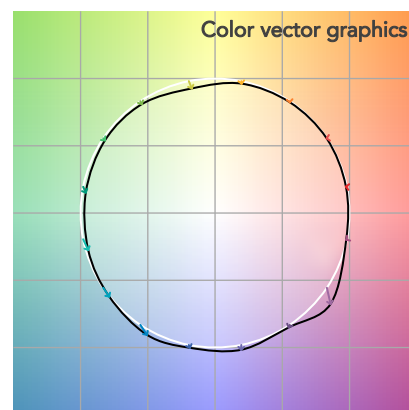
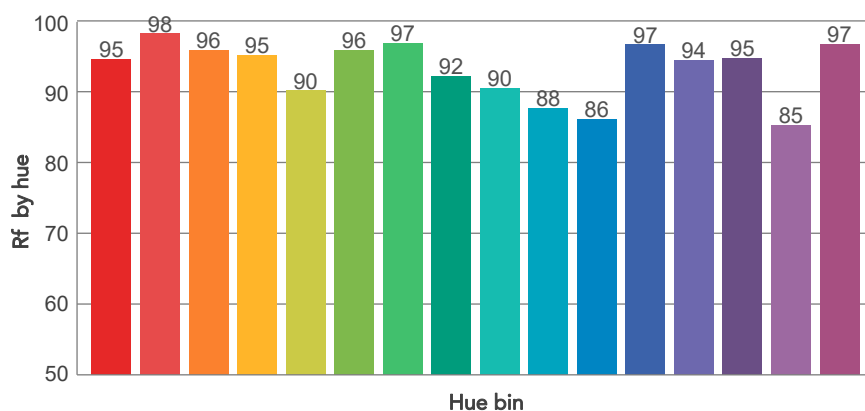
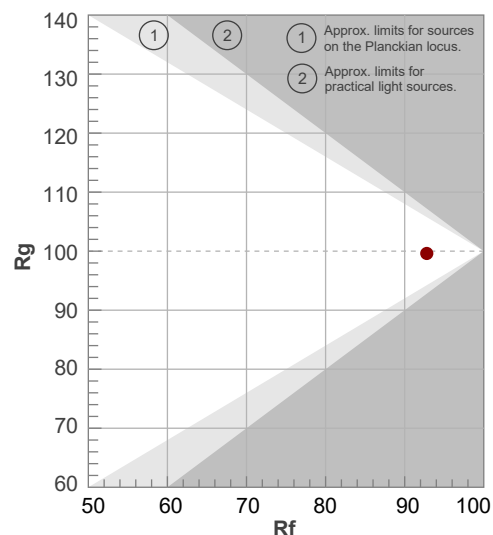
Rf 92,8

Fidelity index Rf

Rg 99,6

Gammut index

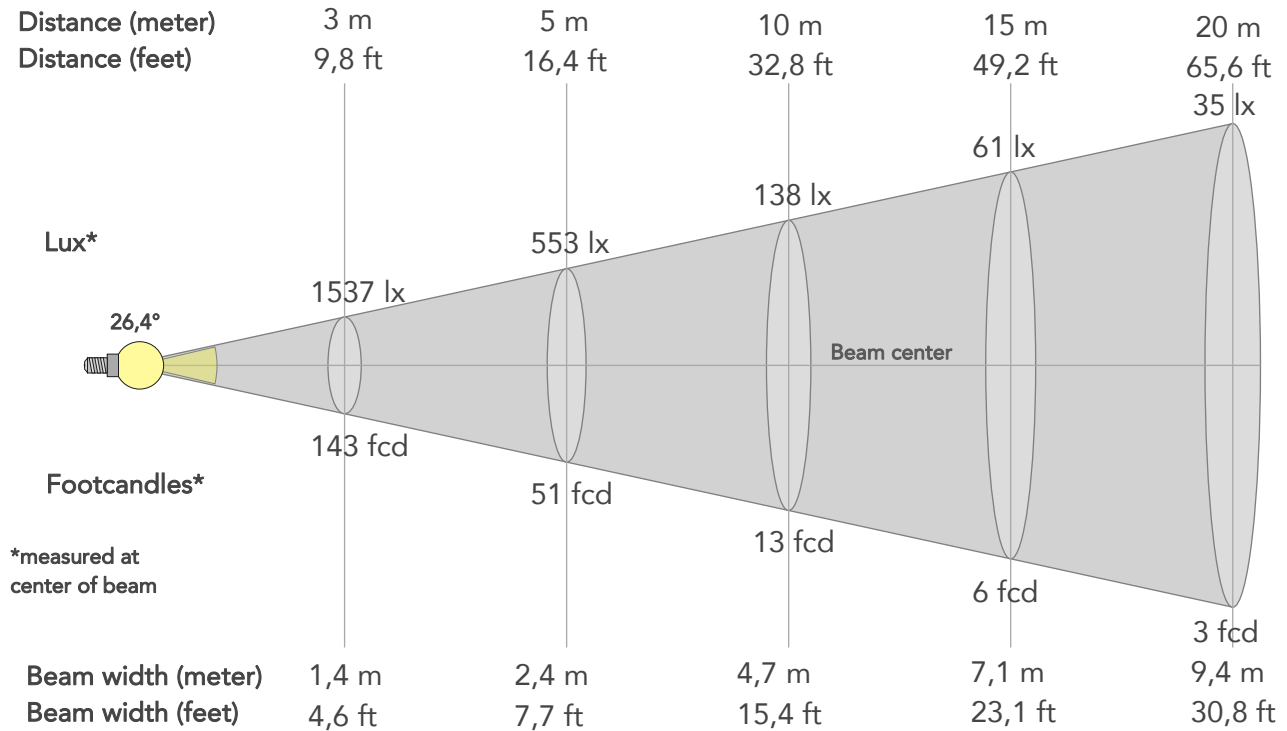
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	0%
2	98	0%	0%
3	96	-1%	-1%
4	95	-2%	-1%
5	90	-6%	-1%
6	96	-2%	0%
7	97	-2%	1%
8	92	-3%	4%
9	90	-2%	9%
10	88	0%	8%
11	86	3%	8%
12	97	2%	1%
13	94	4%	-1%
14	95	1%	-2%
15	85	9%	-9%
16	97	0%	0%



BEAM DETAILS



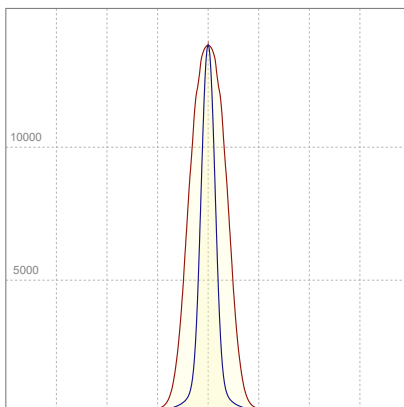
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
26,4°	43,8°	62°	98,3%	95,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	13832lx	3458lx	1537lx	865lx	553lx	246lx	138lx	61lx	35lx	22lx	15lx	9lx	6lx
Footcand.	1285fcd	321fcd	143fcd	80fcd	51fcd	23fcd	13fcd	6fcd	3fcd	2fcd	1fcd	1fcd	1fcd
Beam wid.	0,5m	0,9m	1,4m	1,9m	2,4m	3,5m	4,7m	7,1m	9,4m	11,8m	14,1m	18,8m	23,5m
Beam wid.	1,6ft	3,1ft	4,6ft	6,2ft	7,7ft	11,6ft	15,4ft	23,1ft	30,8ft	38,5ft	46,2ft	61,7ft	77,1ft

LINEAR DISTRIBUTION DIAGRAM

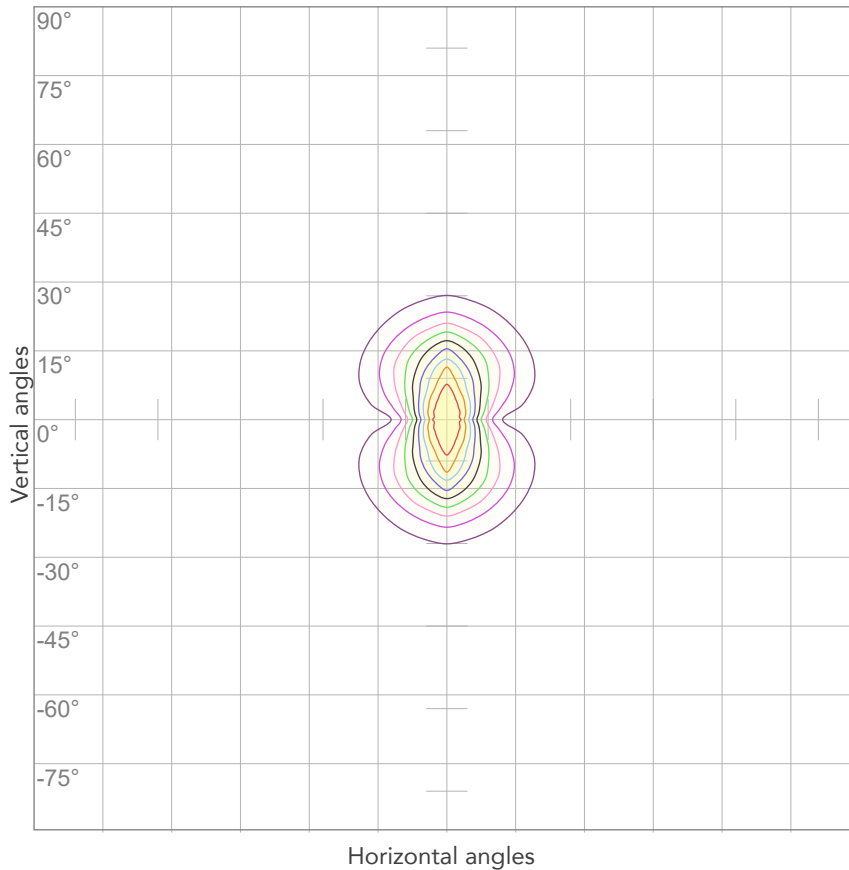


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,277A	59,9W	0,95	63lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



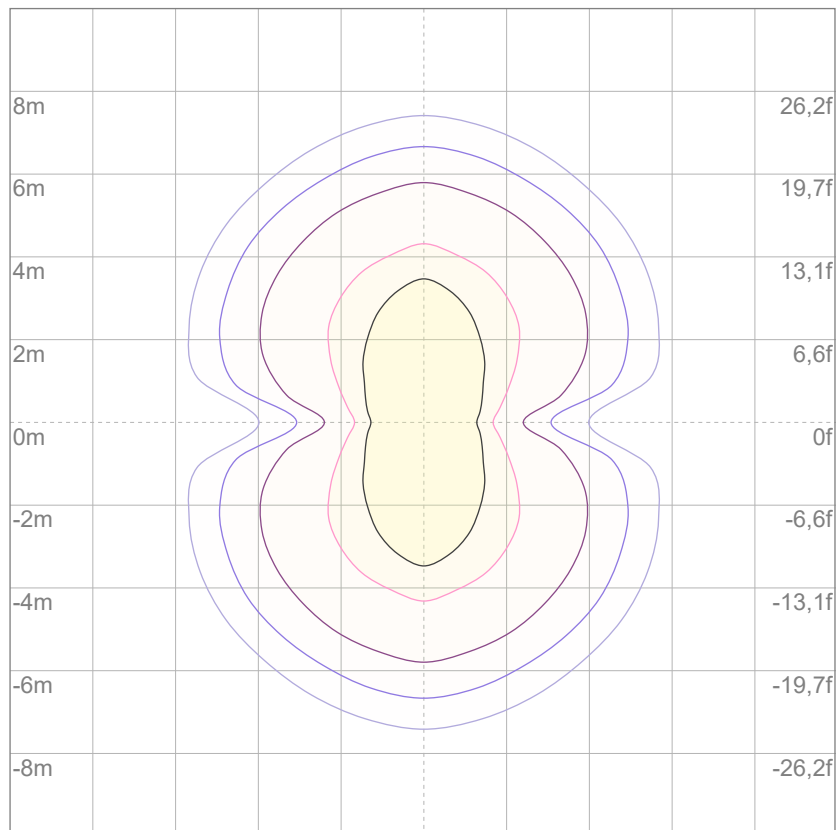
10%	1383 cd
20%	2766 cd
30%	4150 cd
40%	5533 cd
50%	6916 cd
60%	8299 cd
70%	9683 cd
80%	11066 cd

Conditions:

Number of c-planes: 4

Candela at center: 13832 cd

ISO LUX DIAGRAM



3%	4,15 lx
5%	6,92 lx
10%	13,8 lx
30%	41,5 lx
50%	69,2 lx

Conditions:

Number of c-planes: 4

Lux at center: 138 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3658 lm

Peak candela output:

7334 cd

Light quality:

CRI: 97,4

Color temperature:

6002 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
10°x60° Filter

Target:

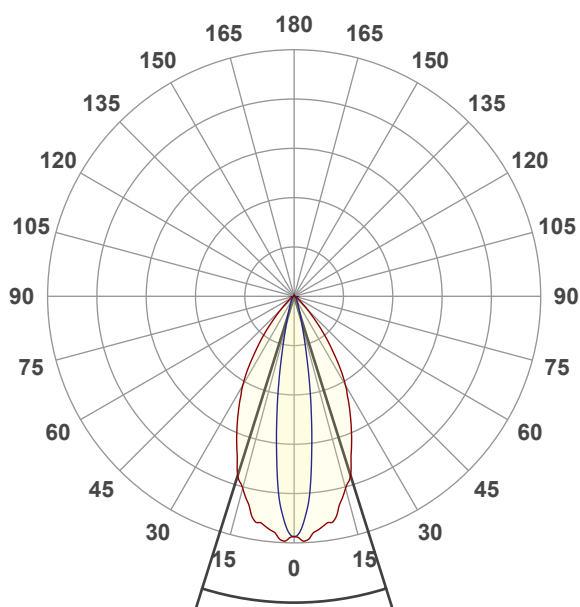
6000K

Operator:

Giuseppe della Peruta

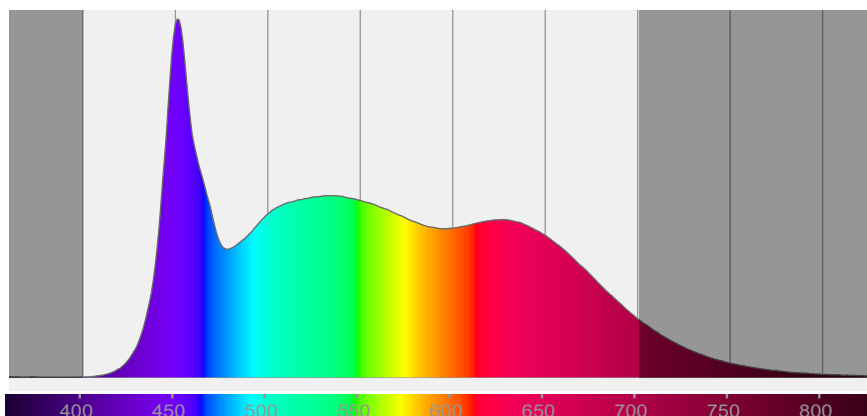
Date and time:

05/08/2025 13:39:05

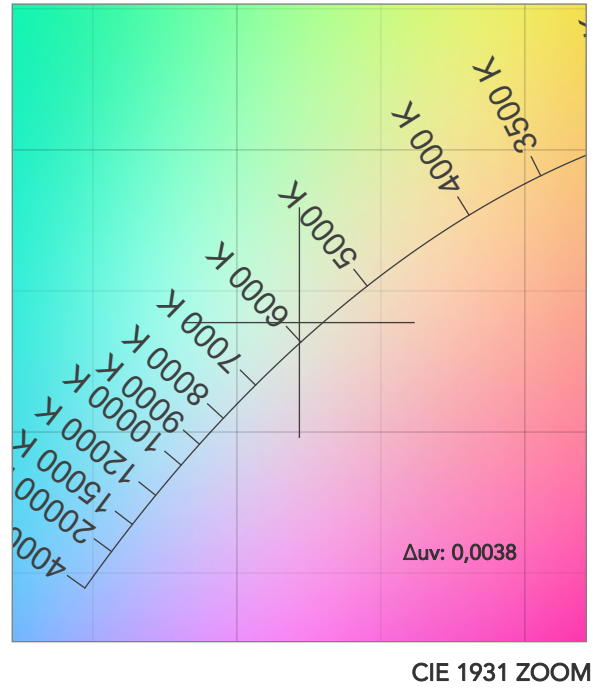
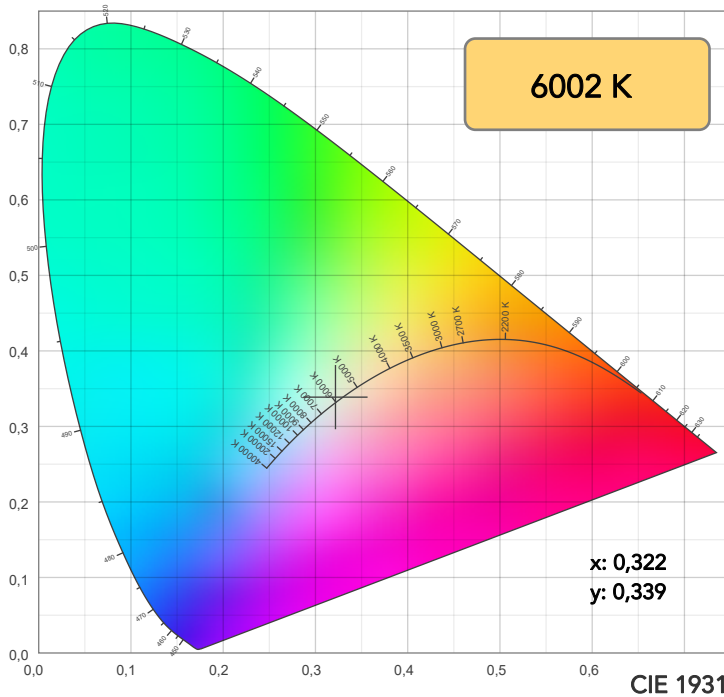


	Blue curve V	Red curve H
Beam angle 50%:	16,5°	53,4°
Field angle 10%:	33,9°	86,5°
Cut off angle 2.5%:	62,1°	107,6°

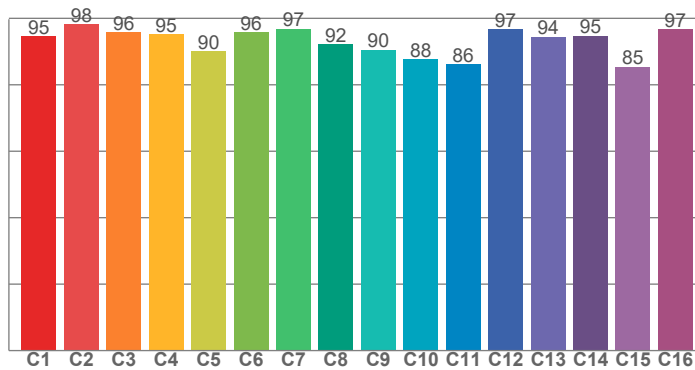
Spectra



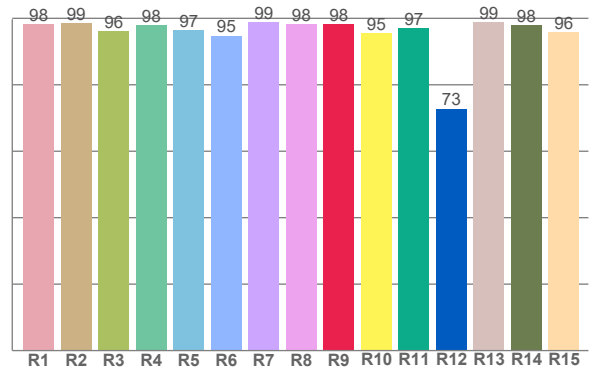
COLOR DETAILS



TM30: 92,8



CRI: 97,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,3	98,6	96,2	97,8	96,5	94,8	98,8	98,2	98,3	95,4	97,1	72,8	98,7	97,8	95,9

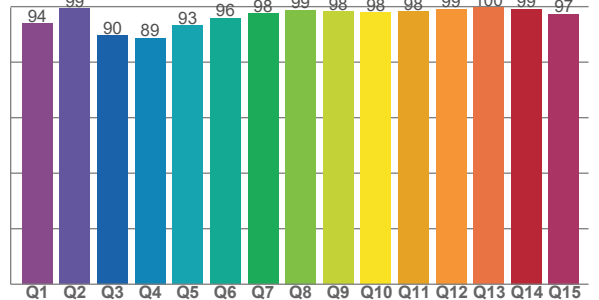
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,6	98,2	95,8	95,2	90,1	95,8	96,8	92,1	90,5	87,7	86,2	96,7	94,4	94,8	85,4	96,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,0	99,2	89,6	88,7	93,2	95,8	97,5	98,7	98,3	98,0	98,2	99,1	99,6	99,2	97,4

CQS: 95,1



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6002 K	97,4	98,3	92,8	99,6	95,1	99	0,322	0,339	0,0038

TM30 DETAILS

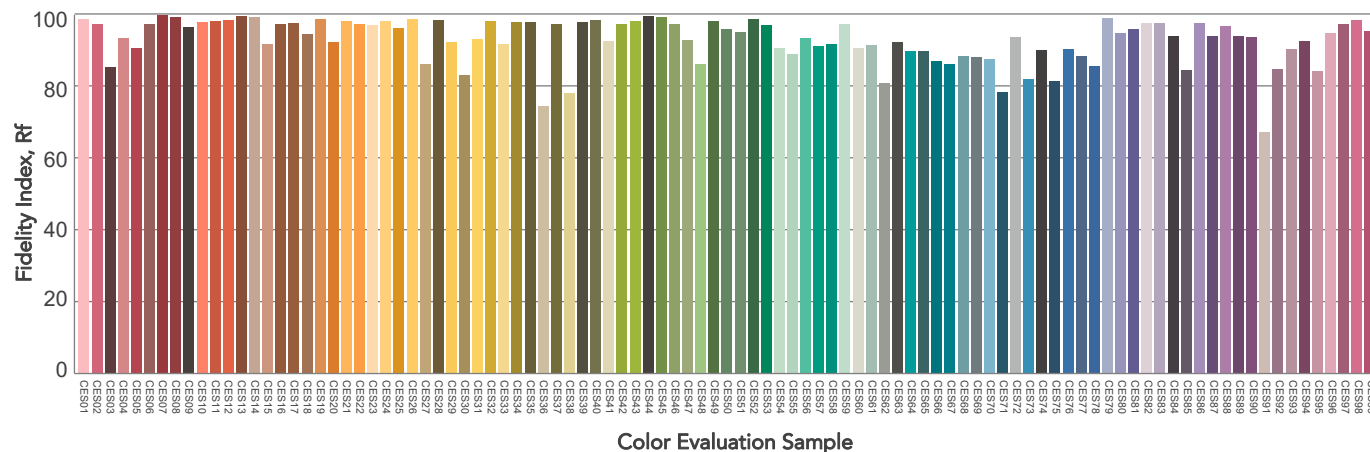
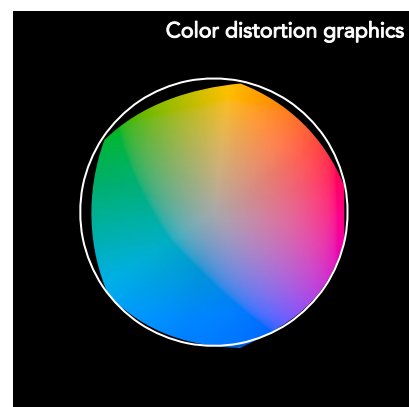
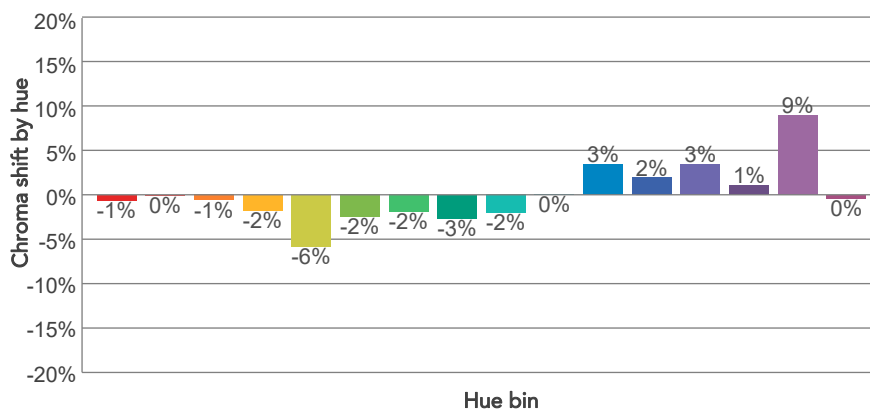
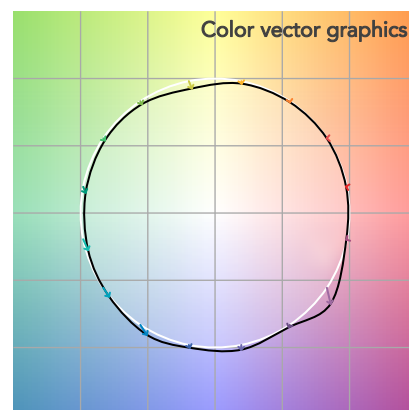
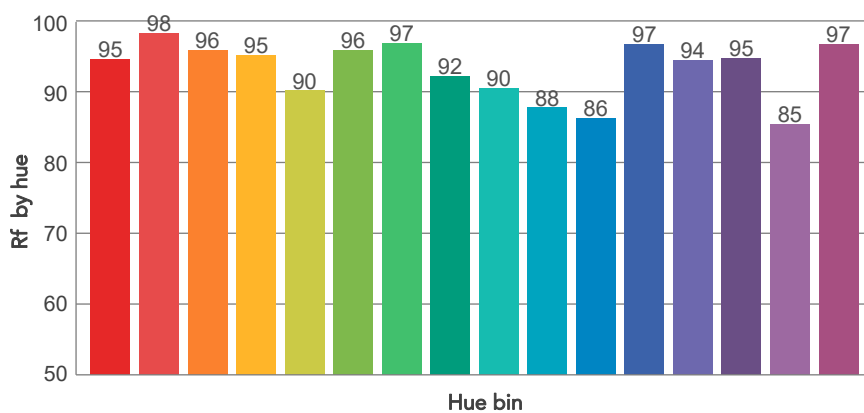
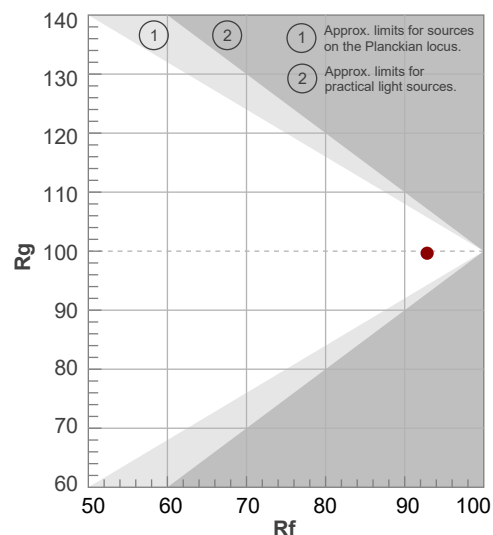
Rf 92,8

Fidelity index Rf

Rg 99,6

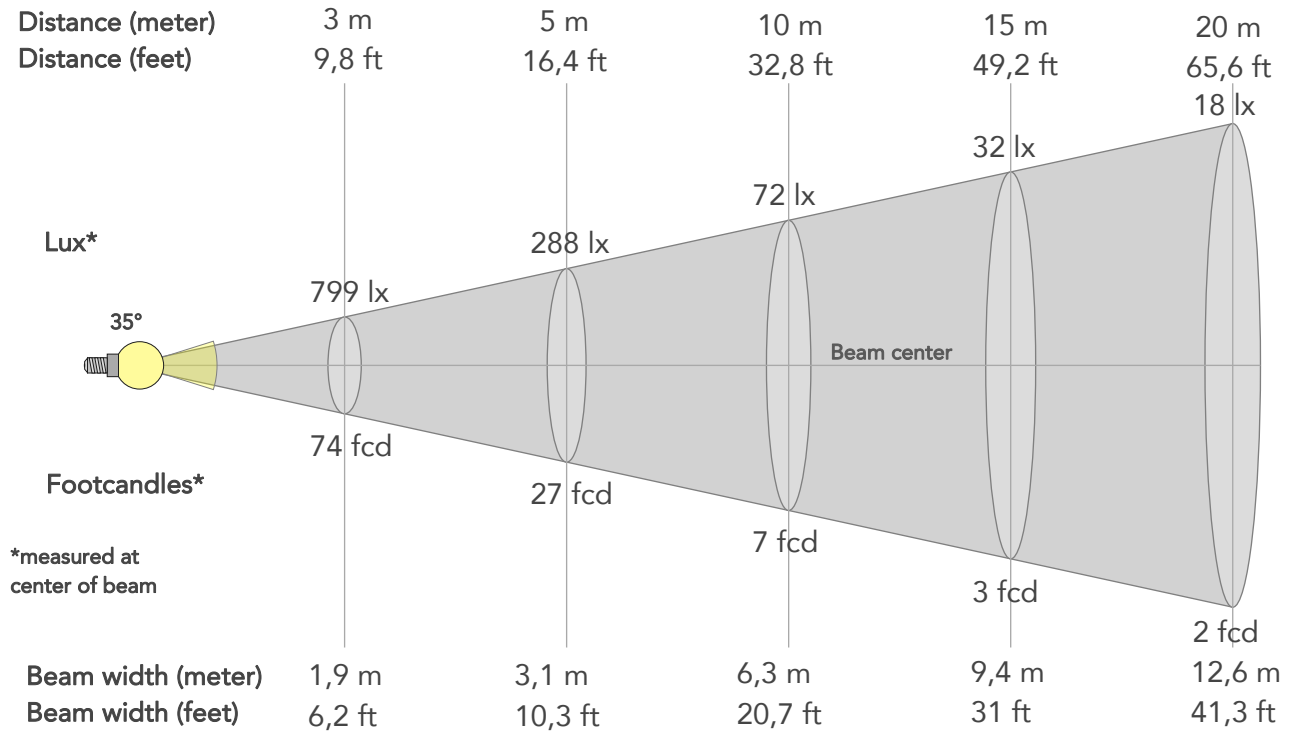
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	0%
2	98	0%	0%
3	96	-1%	-1%
4	95	-2%	-1%
5	90	-6%	-1%
6	96	-2%	0%
7	97	-2%	1%
8	92	-3%	4%
9	90	-2%	9%
10	88	0%	8%
11	86	3%	8%
12	97	2%	1%
13	94	3%	-1%
14	95	1%	-2%
15	85	9%	-8%
16	97	0%	0%



BEAM DETAILS

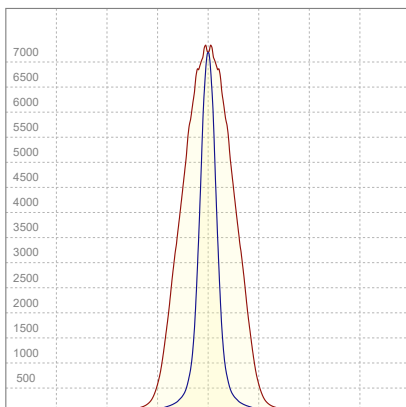
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35°	60,2°	84,8°	97,5%	92,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	7189lx	1797lx	799lx	449lx	288lx	128lx	72lx	32lx	18lx	12lx	8lx	4lx	3lx
Footcand.	668fcd	167fcd	74fcd	42fcd	27fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,1m	4,7m	6,3m	9,4m	12,6m	15,7m	18,9m	25,2m	31,5m
Beam wid.	2,1ft	4,2ft	6,2ft	8,2ft	10,3ft	15,5ft	20,7ft	31ft	41,3ft	51,6ft	62ft	82,6ft	103,3ft

LINEAR DISTRIBUTION DIAGRAM

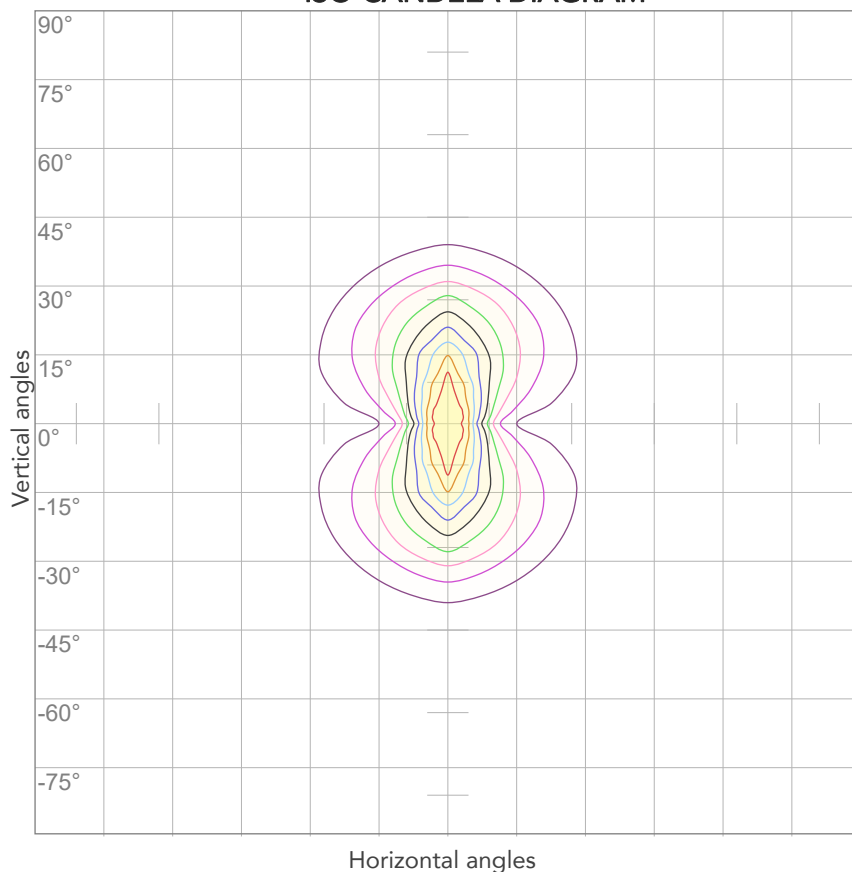


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
231V	0,254A	55,2W	0,94	66lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



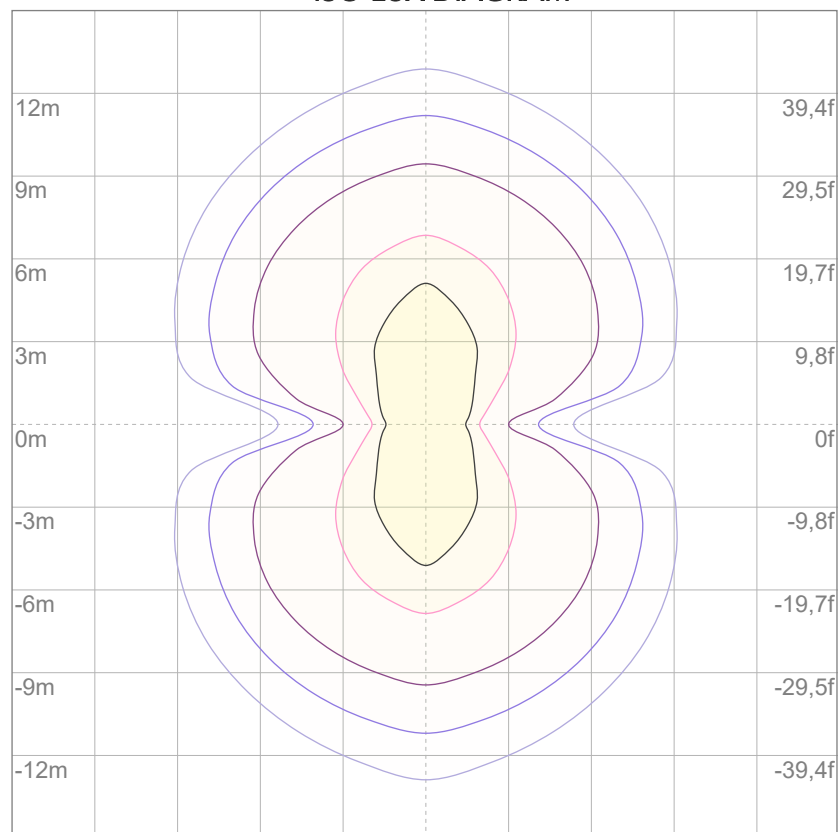
10%	719 cd
20%	1438 cd
30%	2157 cd
40%	2876 cd
50%	3595 cd
60%	4313 cd
70%	5032 cd
80%	5751 cd

Conditions:

Number of c-planes: 4

Candela at center: 7189 cd

ISO LUX DIAGRAM



3%	2,16 lx
5%	3,59 lx
10%	7,19 lx
30%	21,6 lx
50%	35,9 lx

Conditions:

Number of c-planes: 4

Lux at center: 71,9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.



Total lumen output:

3496 lm

Peak candela output:

4824 cd

Light quality:

CRI: 97,1

Color temperature:

6010 K

PRODUCT NAME:

ECLPARIPSVW

MEASURAMENT CONDITIONS:

Beam angle: \line Narrow Lens +
30°x60° Filter

Target:

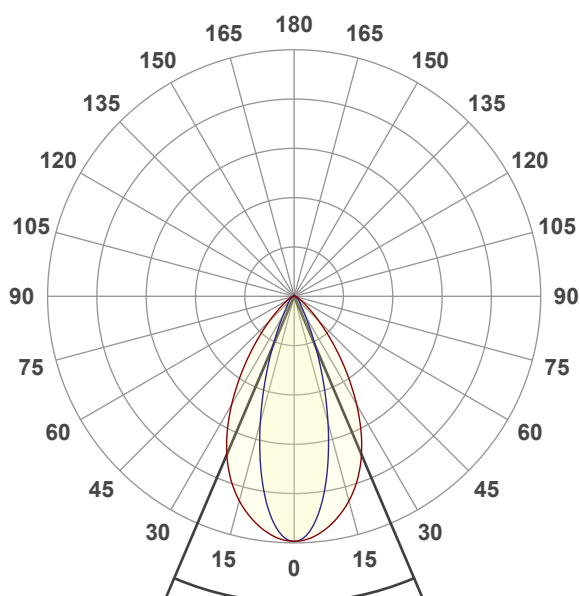
6000K

Operator:

Giuseppe della Peruta

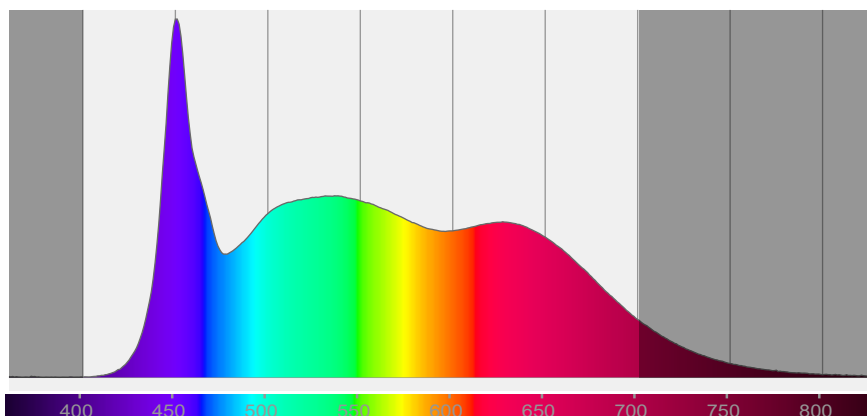
Date and time:

05/08/2025 14:49:27

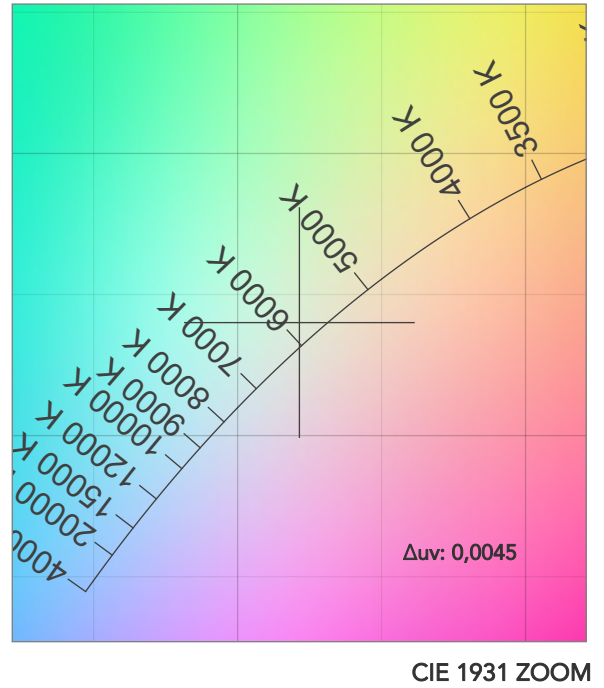
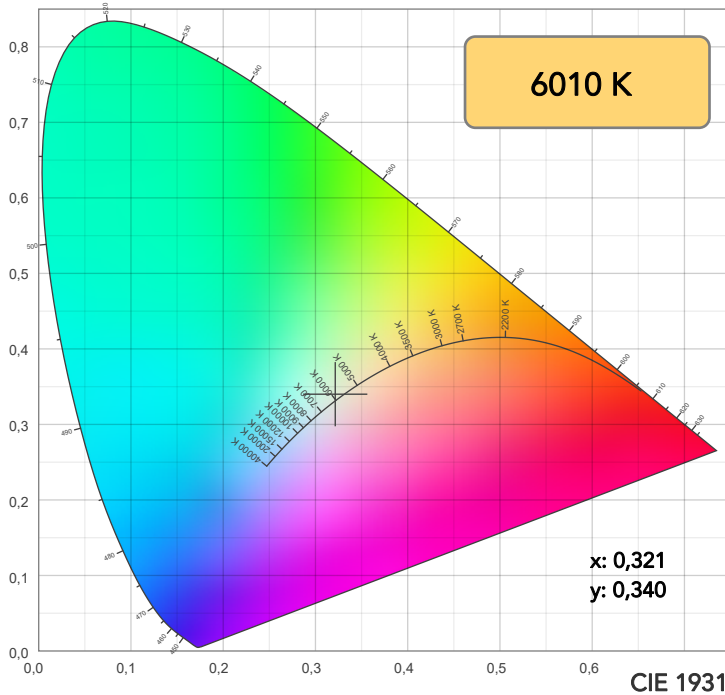


	Blue curve V	Red curve H
Beam angle 50%:	31,5°	60,7°
Field angle 10%:	58,4°	96,4°
Cut off angle 2.5%:	95,6°	125,5°

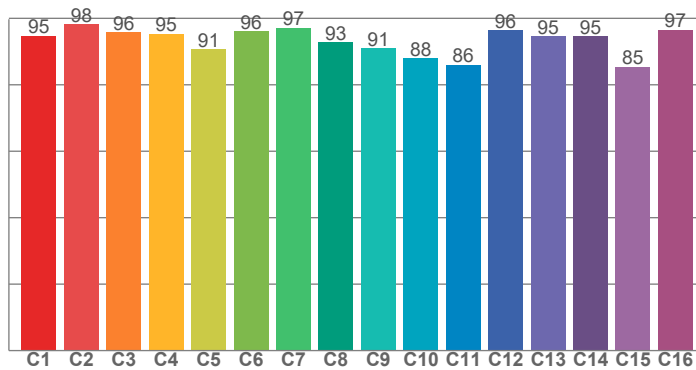
Spectra



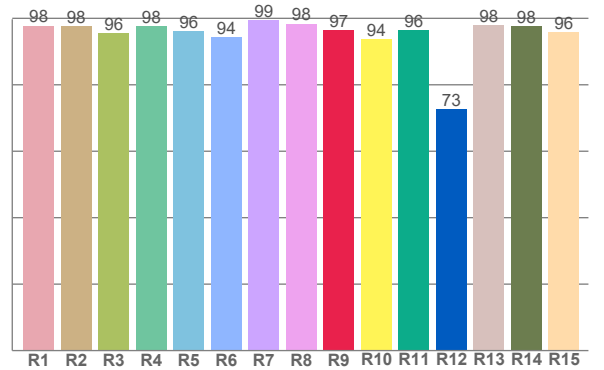
COLOR DETAILS



TM30: 93,0



CRI: 97,1 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,8	97,7	95,6	97,6	96,2	94,2	99,4	98,4	96,6	93,7	96,4	72,6	97,9	97,6	95,9

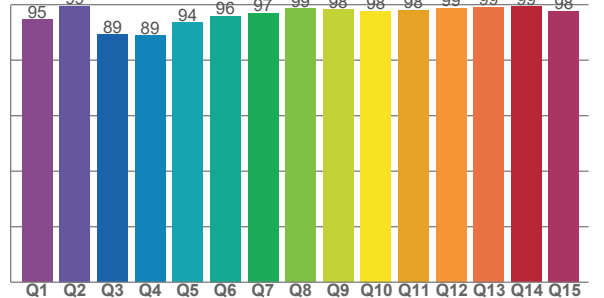
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,8	98,2	95,8	95,3	90,6	96,1	97,1	92,8	91,0	88,0	86,0	96,4	94,7	94,7	85,4	96,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,6	99,4	89,3	88,8	93,5	95,9	97,0	98,6	98,2	97,6	98,0	98,8	99,1	99,3	97,7

CQS: 95,1



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6010 K	97,1	96,6	93,0	99,7	95,1	99	0,321	0,340	0,0045

TM30 DETAILS

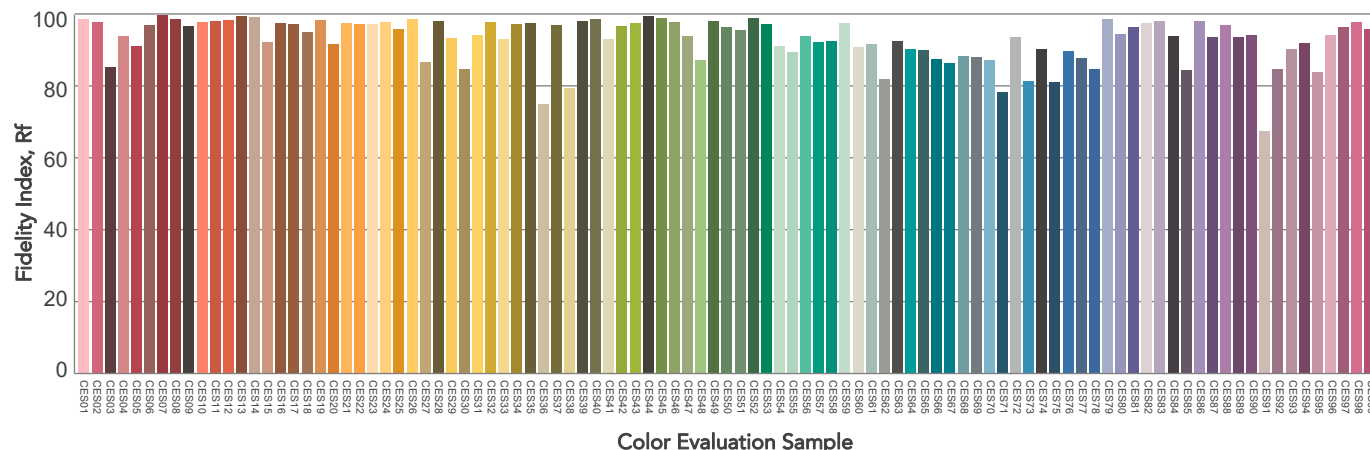
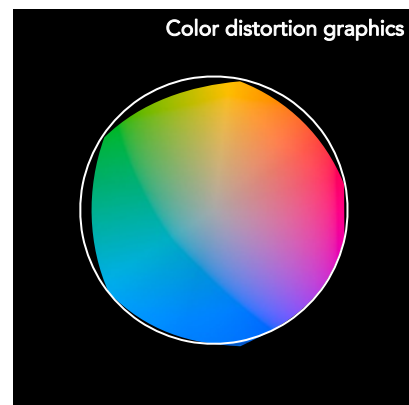
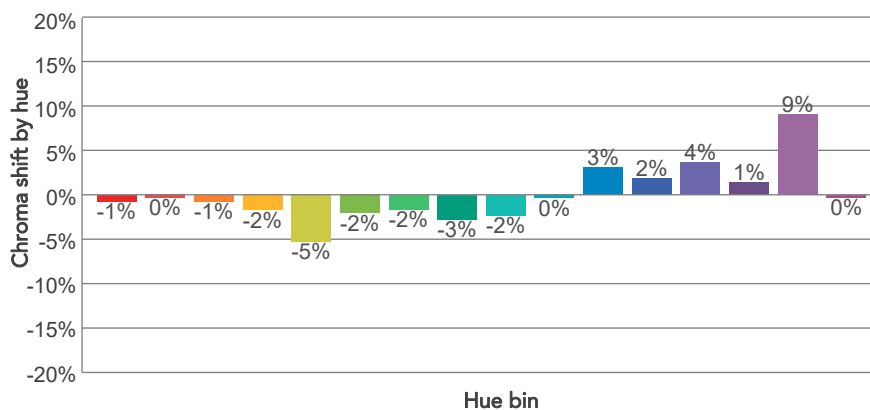
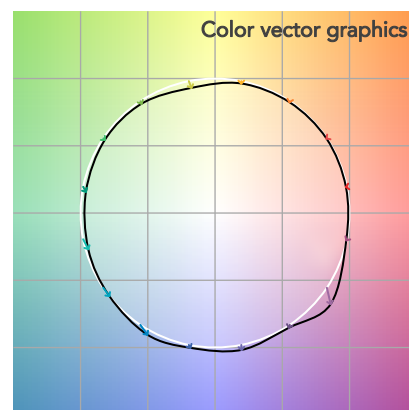
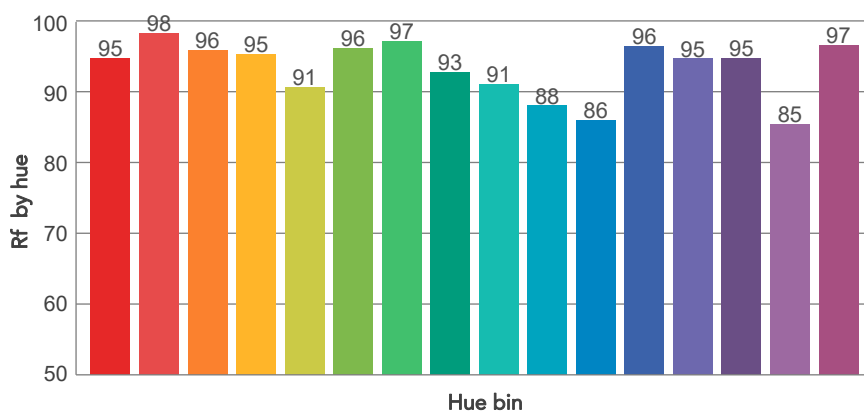
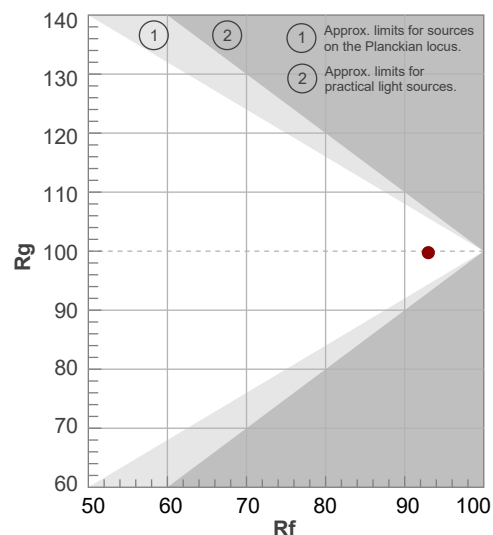
Rf 93,0

Fidelity index Rf

Rg 99,7

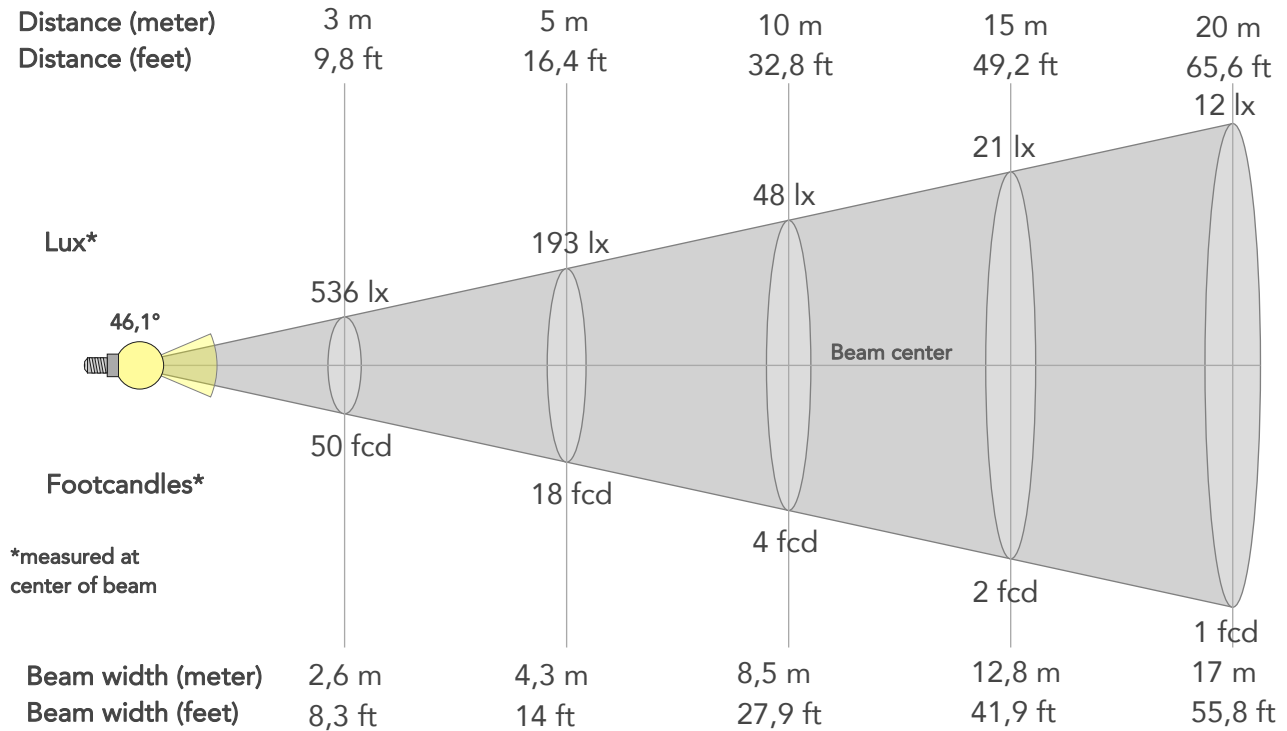
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	0%
2	98	0%	0%
3	96	-1%	0%
4	95	-2%	0%
5	91	-5%	-1%
6	96	-2%	0%
7	97	-2%	0%
8	93	-3%	3%
9	91	-2%	8%
10	88	0%	8%
11	86	3%	8%
12	96	2%	2%
13	95	4%	0%
14	95	1%	-2%
15	85	9%	-9%
16	97	0%	-1%



BEAM DETAILS

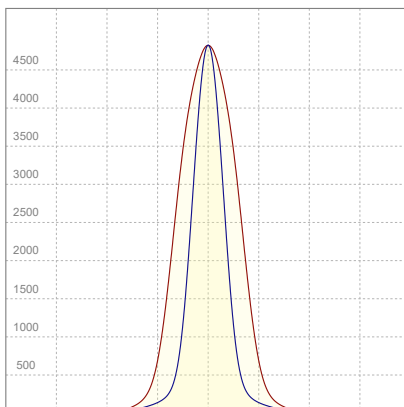
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,1°	77,4°	110,6°	96,6%	88,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4822lx	1206lx	536lx	301lx	193lx	86lx	48lx	21lx	12lx	8lx	5lx	3lx	2lx
Footcand.	448fcd	112fcd	50fcd	28fcd	18fcd	8fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,5m	12,8m	17m	21,3m	25,5m	34m	42,6m
Beam wid.	2,8ft	5,6ft	8,3ft	11,1ft	14ft	20,9ft	27,9ft	41,9ft	55,8ft	69,8ft	83,7ft	111,7ft	139,6ft

LINEAR DISTRIBUTION DIAGRAM

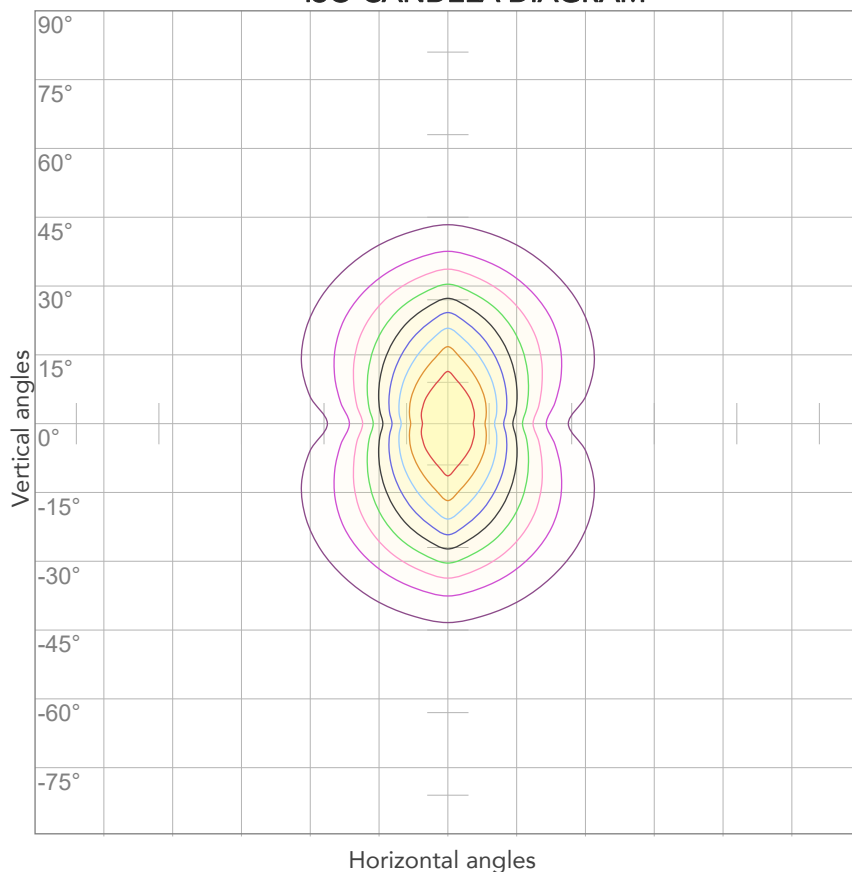


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,282A	61,4W	0,95	57lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



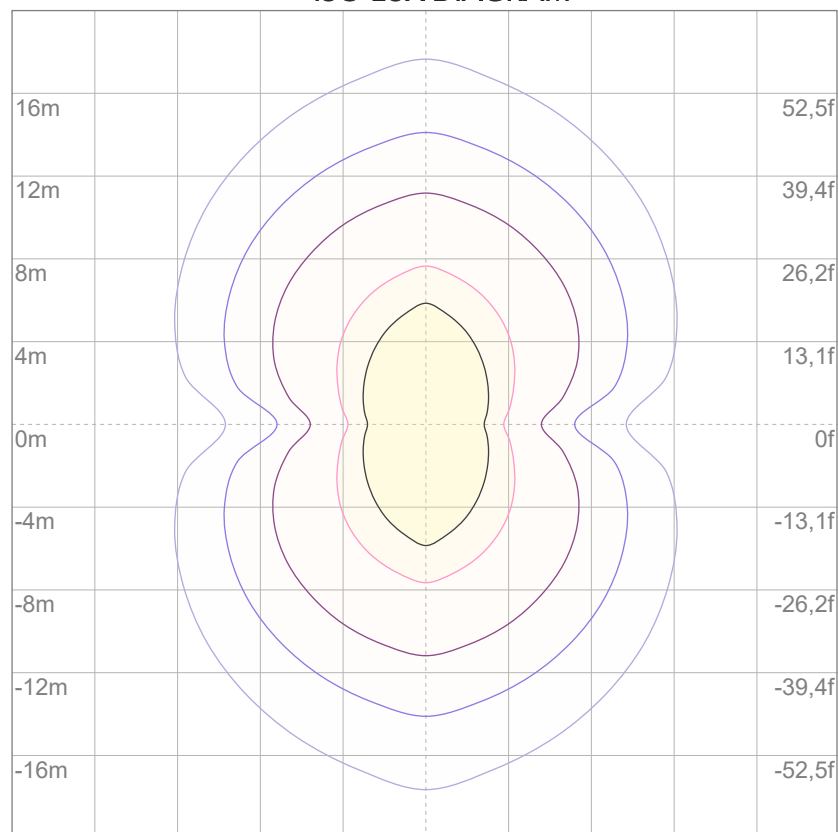
10%	482 cd
20%	964 cd
30%	1447 cd
40%	1929 cd
50%	2411 cd
60%	2893 cd
70%	3376 cd
80%	3858 cd

Conditions:

Number of c-planes: 4

Candela at center: 4822 cd

ISO LUX DIAGRAM



3%	1,45 lx
5%	2,41 lx
10%	4,82 lx
30%	14,5 lx
50%	24,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 48,2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.