

Photometric Test Report



Muse Profile70 CT+

Testa mobile profile a 6 colori da 1000 W, zoom
6° - 50°

(HQ Mode)

CONTENTS

Table of contents	2
Testing process	4
Preset Full on	
Beam angle Max Zoom	5
Beam angle Med Zoom	10
Beam angle Min Zoom	15
Preset Red	
Beam angle Max Zoom	20
Beam angle Med Zoom	23
Beam angle Min Zoom	26
Preset Green	
Beam angle Max Zoom	29
Beam angle Med Zoom	32
Beam angle Min Zoom	35
Preset Blue	
Beam angle Max Zoom	38
Beam angle Med Zoom	41
Beam angle Min Zoom	44
Preset Cyan	
Beam angle Max Zoom	47
Beam angle Med Zoom	50
Beam angle Min Zoom	53
Preset Amber	
Beam angle Max Zoom	56
Beam angle Med Zoom	59
Beam angle Min Zoom	62
Preset Lime	
Beam angle Max Zoom	65
Beam angle Med Zoom	68
Beam angle Min Zoom	71

Preset 2800K

Beam Angle Max Zoom 74

Beam angle Med Zoom 79

Beam angle Min Zoom 84

Preset 3200K

Beam angle Max Zoom 89

Beam angle Med Zoom 94

Beam angle Min Zoom 99

Preset 4000K

Beam angle Max Zoom 104

Beam angle Med Zoom 109

Beam angle Min Zoom 114

Preset 5600K

Beam angle Max Zoom 119

Beam angle Med Zoom 124

Beam angle Min Zoom 129

Preset 6000K

Beam angle Max Zoom 134

Beam angle Med Zoom 139

Beam angle Min Zoom 144

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:

21257 lm

Peak candela output:

39943 cd

Light quality:

CRI: 93,3

Color temperature:

6349 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

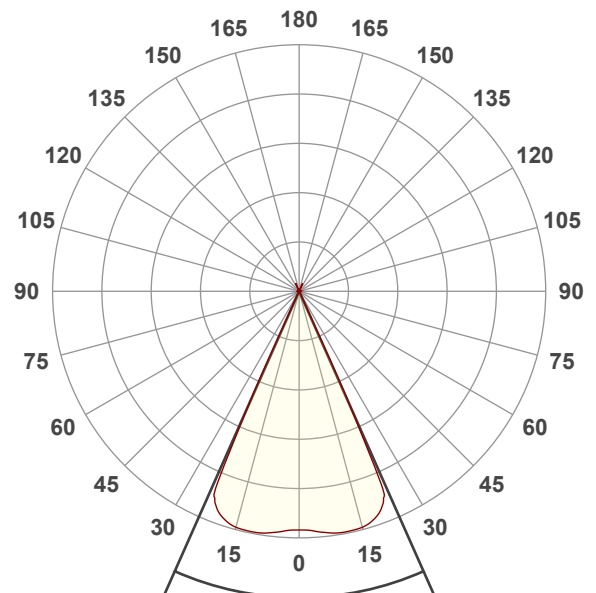
Full On - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:59:57

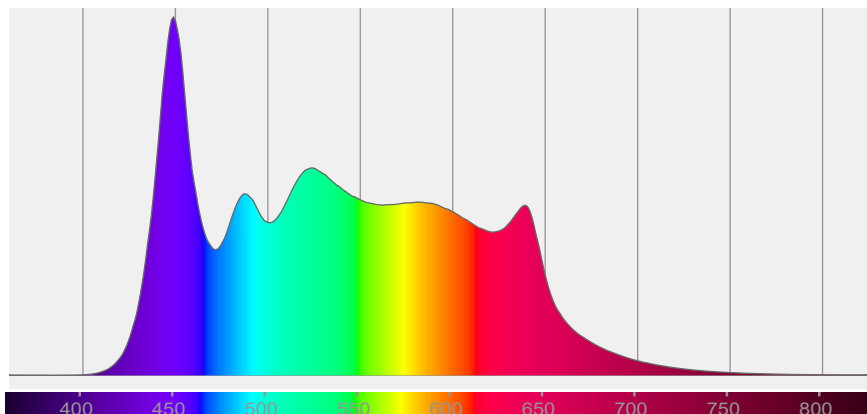


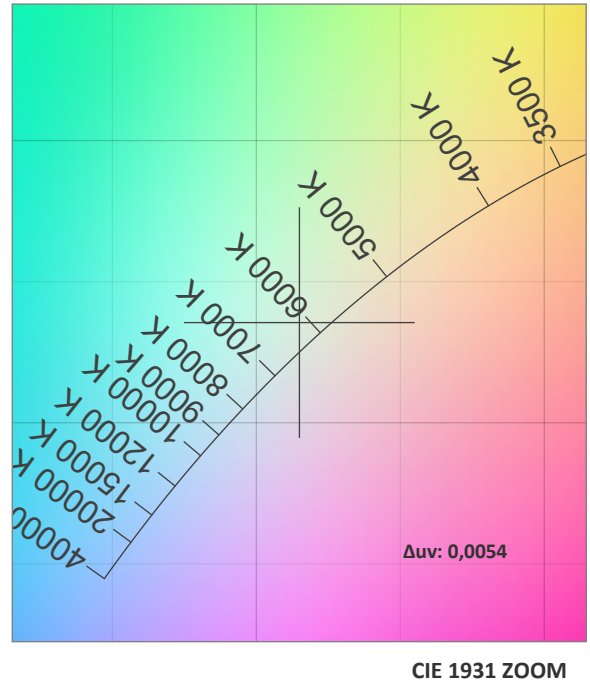
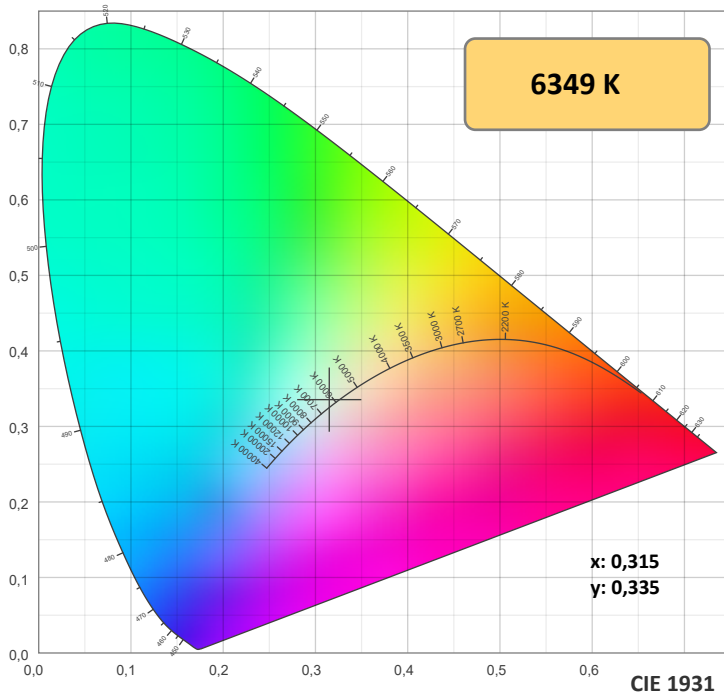
Beam angle 50%: 47,9°

Field angle 10%: 49,7°

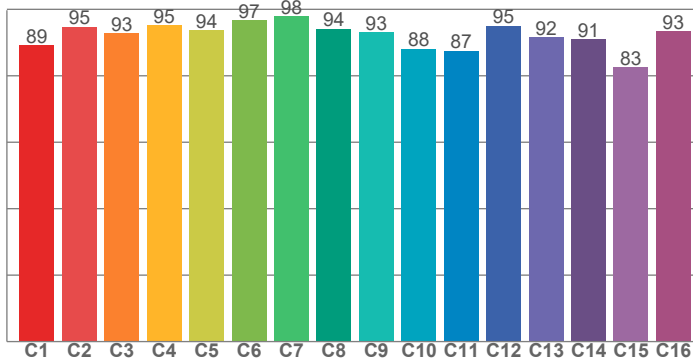
Cut off angle 2.5%: 50,1°

Spectra

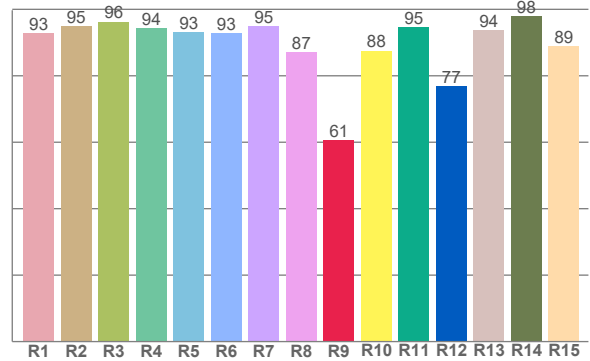




TM30: 92,2



CRI: 93,3 (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
92,9	94,9	96,3	94,3	93,1	92,7	94,8	87,1	60,7	87,6	94,5	76,8	93,8	98,0	88,9

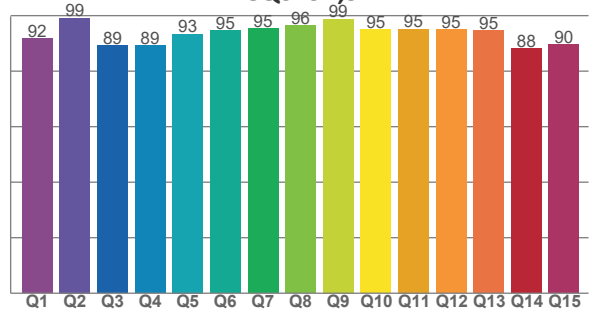
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89,2	94,7	92,7	95,2	93,7	96,6	97,9	94,2	93,1	88,1	87,5	95,0	91,6	90,9	82,5	93,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,7	99,1	89,2	89,2	93,4	94,6	95,3	96,5	98,8	95,0	95,1	94,9	94,6	88,1	89,5

CQS: 92,9



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
6349 K	93,3	60,7	92,2	98,7	92,9	93	0,315	0,335	0,0054

TM30 DETAILS

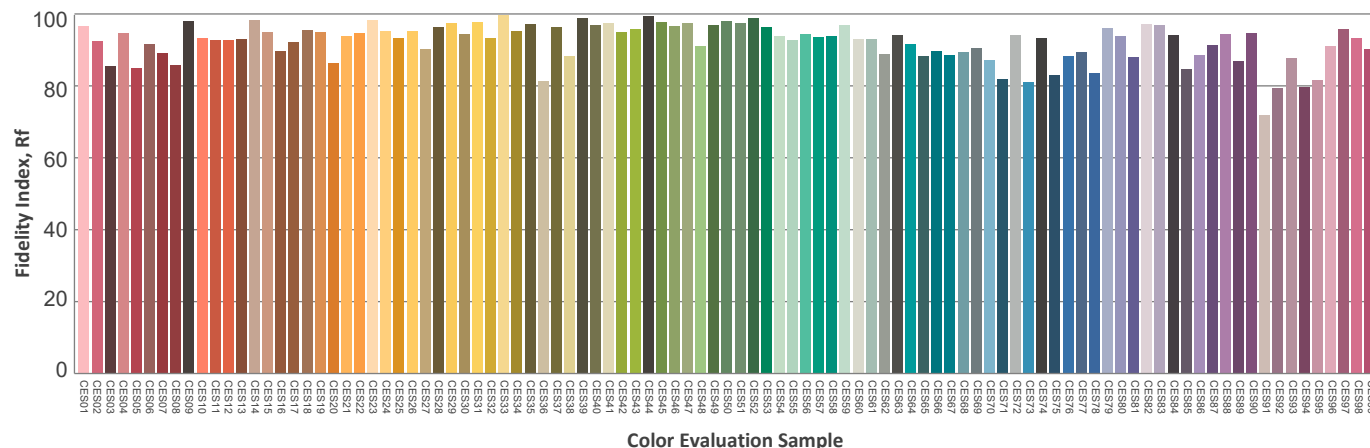
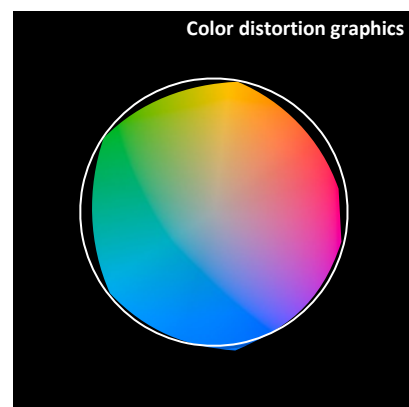
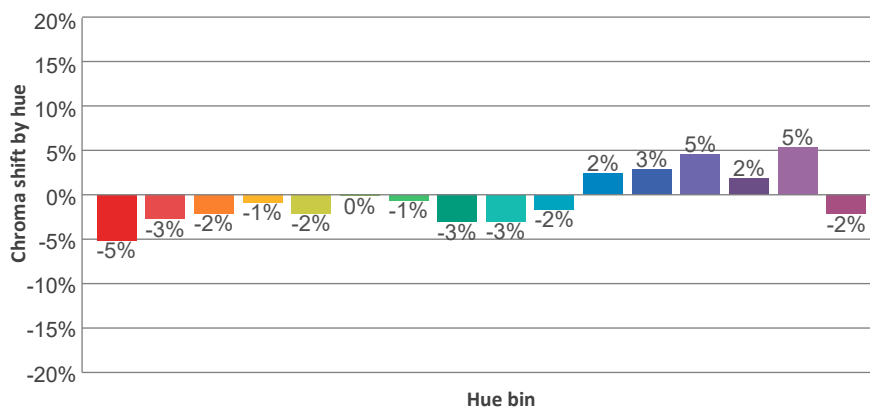
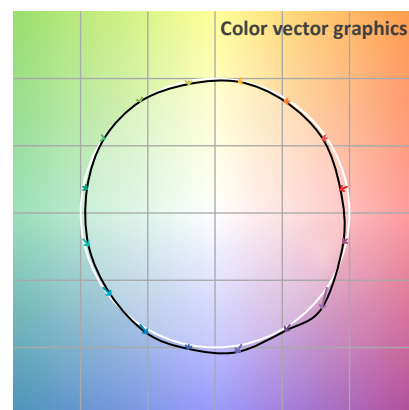
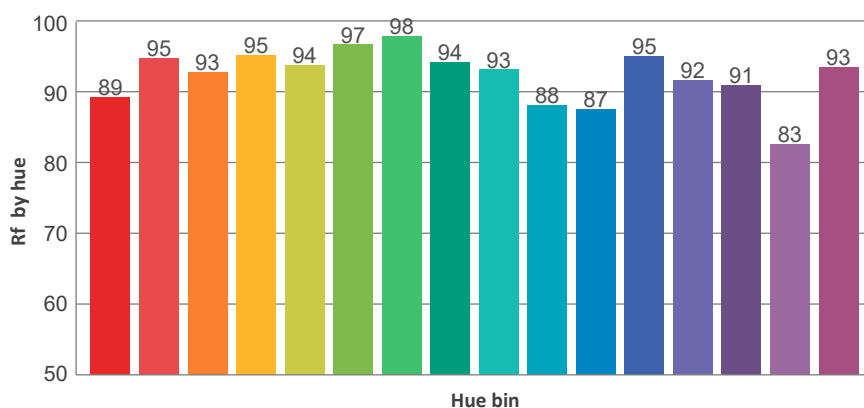
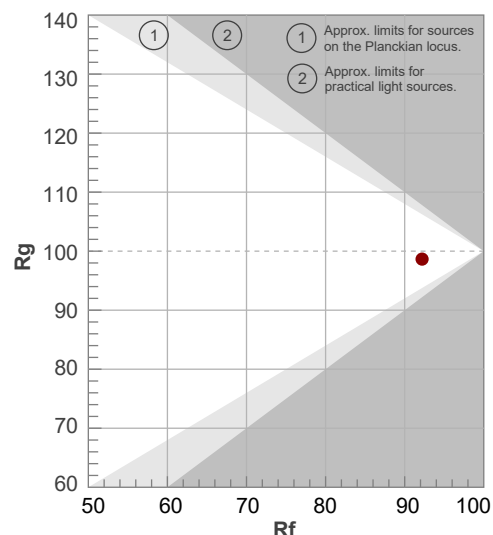
Rf 92,2

Fidelity index Rf

Rg 98,7

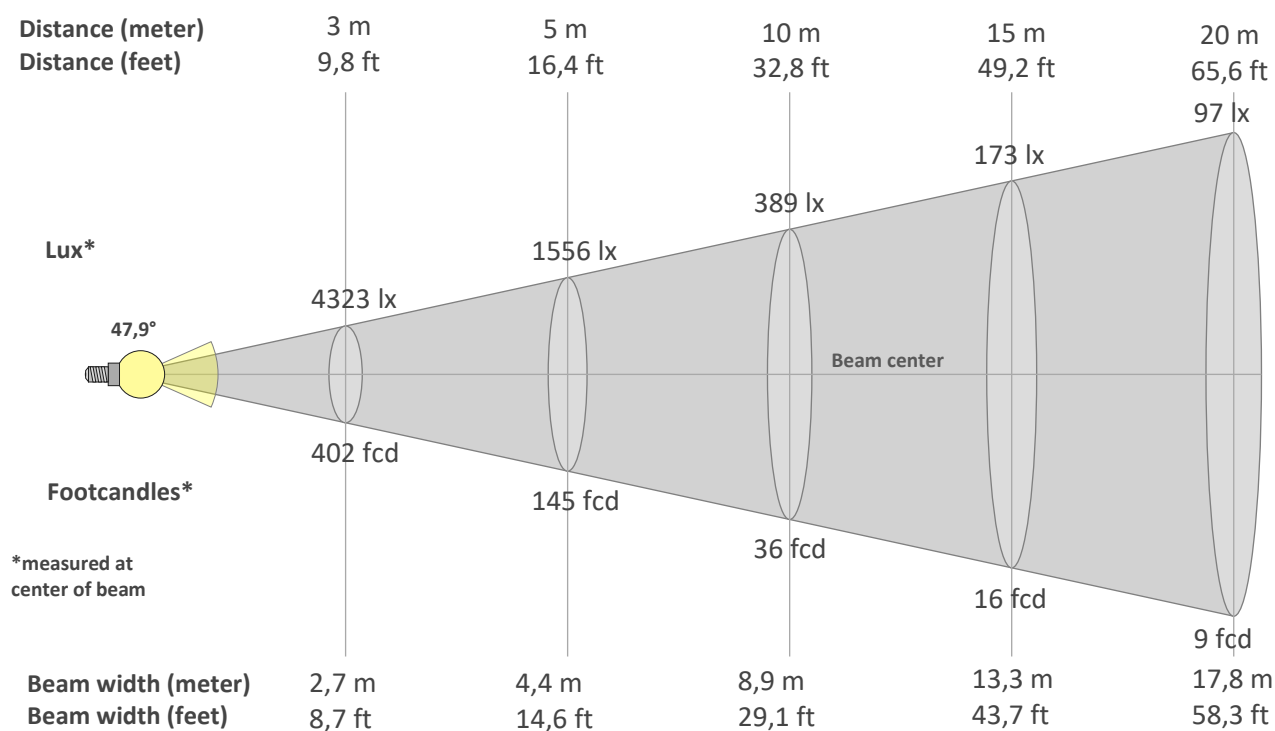
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	89	-5%	-1%
2	95	-3%	2%
3	93	-2%	3%
4	95	-1%	2%
5	94	-2%	1%
6	97	0%	0%
7	98	-1%	0%
8	94	-3%	1%
9	93	-3%	5%
10	88	-2%	7%
11	87	2%	7%
12	95	3%	0%
13	92	5%	-5%
14	91	2%	-5%
15	83	5%	-15%
16	93	-2%	-3%



BEAM DETAILS

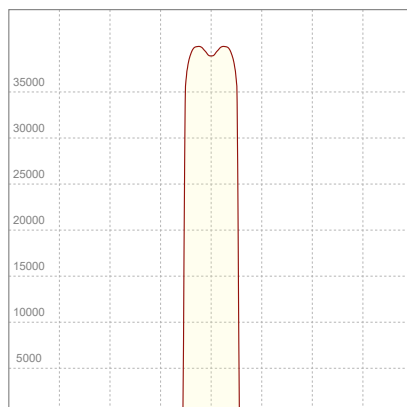
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,9°	49,7°	50,1°	99,3%	99,3%



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	38907lx	9727lx	4323lx	2432lx	1556lx	692lx	389lx	173lx	97lx	62lx	43lx	24lx	16lx
Footcand.	3615fcd	904fcd	402fcd	226fcd	145fcd	64fcd	36fcd	16fcd	9fcd	6fcd	4fcd	2fcd	1fcd
Beam wid.	0,9m	1,8m	2,7m	3,6m	4,4m	6,7m	8,9m	13,3m	17,8m	22,2m	26,7m	35,5m	44,4m
Beam wid.	2,9ft	5,9ft	8,7ft	11,6ft	14,6ft	21,9ft	29,1ft	43,7ft	58,3ft	72,9ft	87,4ft	116,6ft	145,7ft

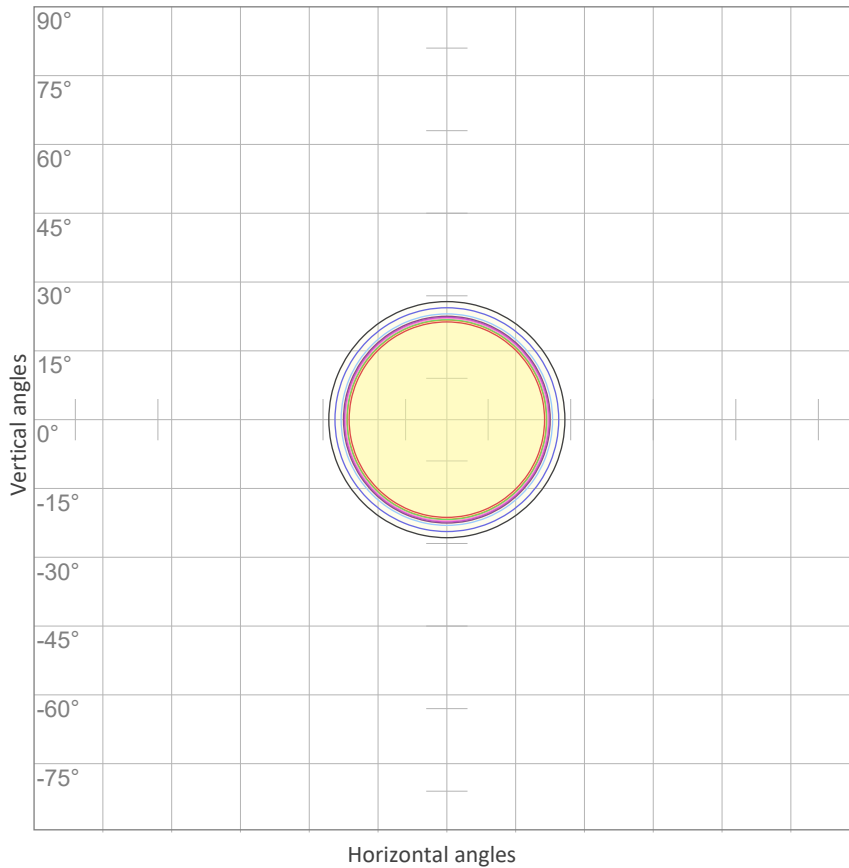
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
223V	5,59A	1228,2W	0,99	17lm/W

ISO CANDELA DIAGRAM



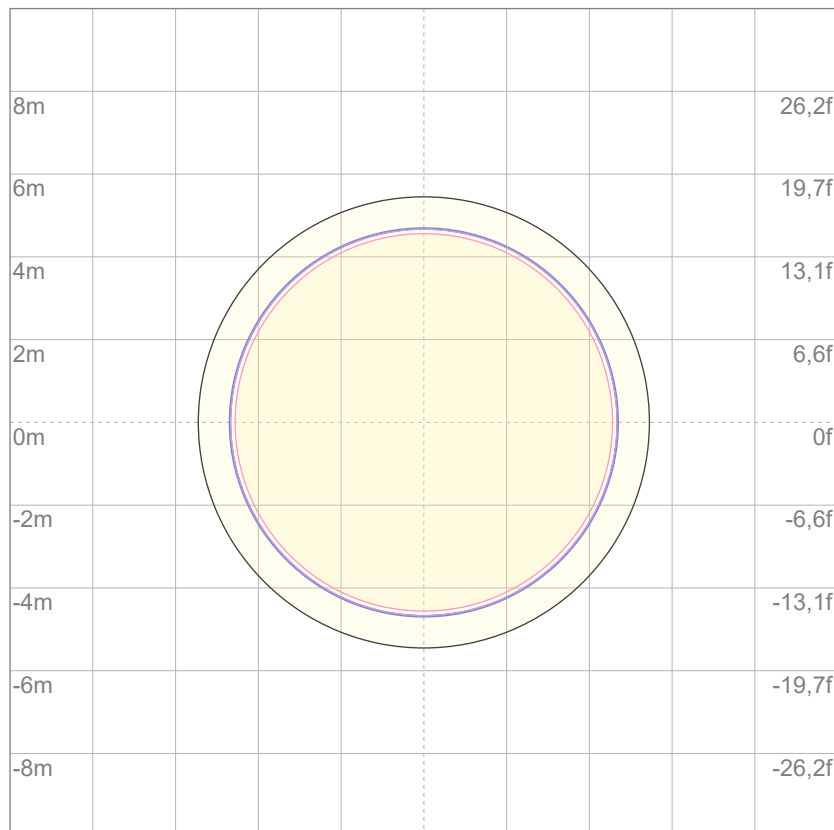
10%	3891 cd
20%	7781 cd
30%	11672 cd
40%	15563 cd
50%	19453 cd
60%	23344 cd
70%	27235 cd
80%	31125 cd
90%	35016 cd

Conditions:

Number of c-planes: 2

Candela at center: 38907 cd

ISO LUX DIAGRAM



3%	11,7 lx
5%	19,5 lx
10%	38,9 lx
30%	117 lx
50%	195 lx

Conditions:

Number of c-planes: 2

Lux at center: 389 lx

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



Total lumen output:

21076 lm

Peak candela output:

274806 cd

Light quality:

CRI: 94,2

Color temperature:

6205 K

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

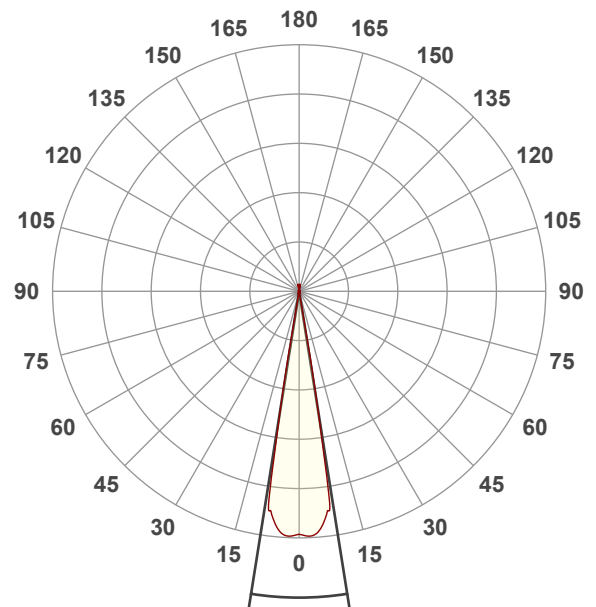
Full On - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 17:03:14

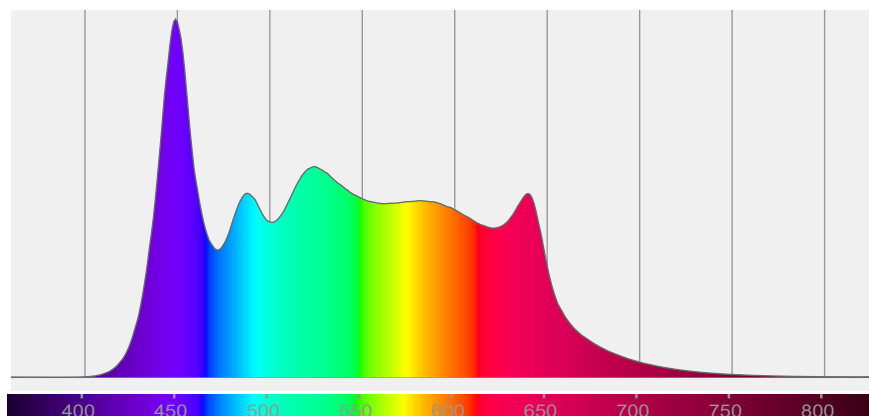


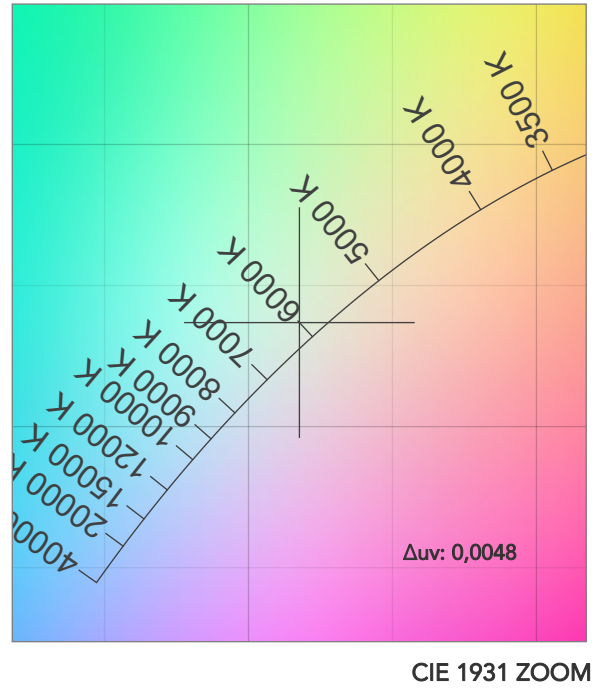
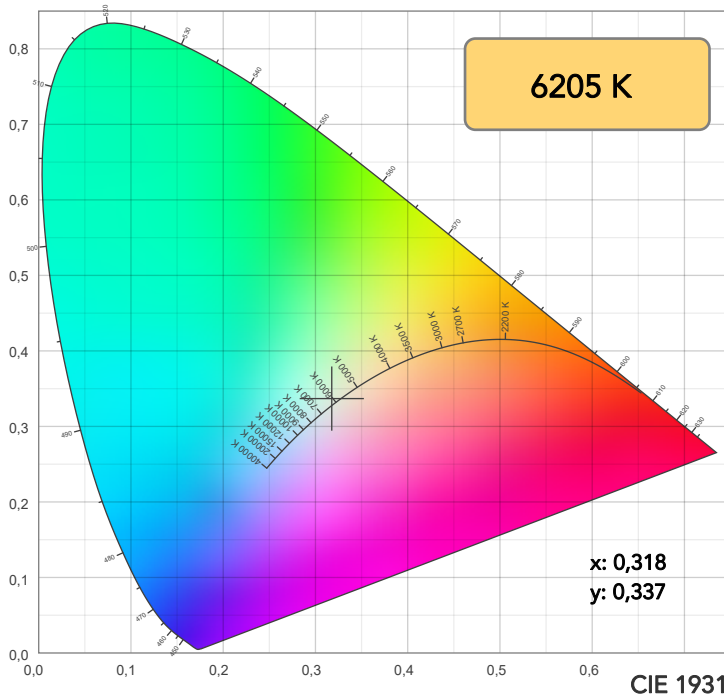
Beam angle 50%: 18,1°

Field angle 10%: 20°

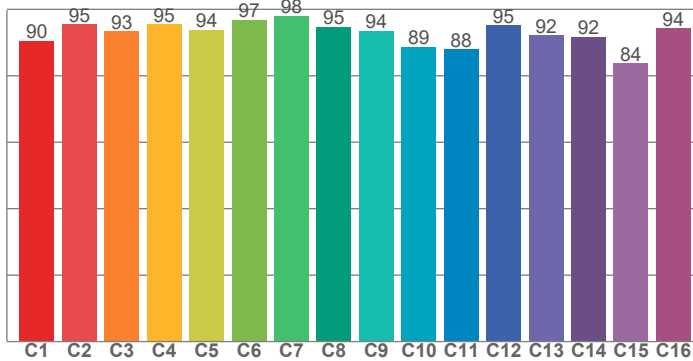
Cut off angle 2.5%: 20,4°

Spectra

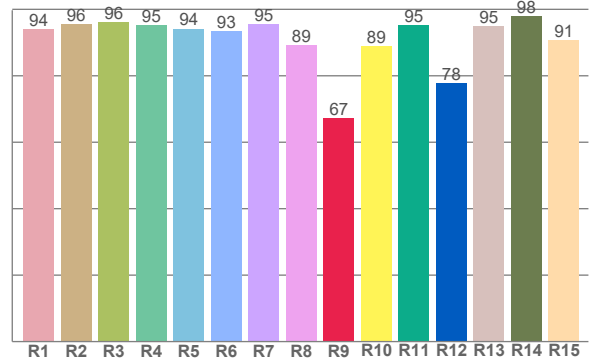




TM30: 92,7



CRI: 94,2 (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
94,1	95,6	96,2	95,3	94,2	93,4	95,5	89,1	67,3	88,9	95,3	77,8	94,9	97,8	90,7

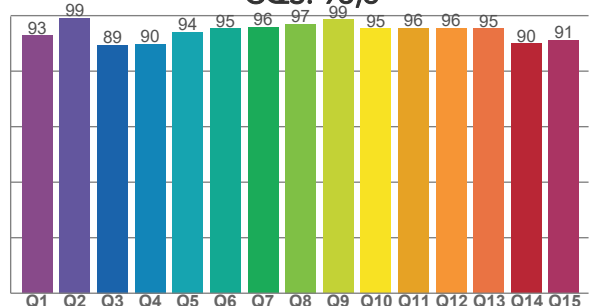
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90,5	95,5	93,5	95,4	93,8	96,8	98,1	94,8	93,5	88,7	87,9	95,2	92,1	91,8	83,7	94,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,8	99,2	89,5	89,8	94,1	95,4	95,8	97,0	98,7	95,3	95,6	95,5	95,4	90,0	91,1

CQS: 93,6



COLOR PARAMETERS

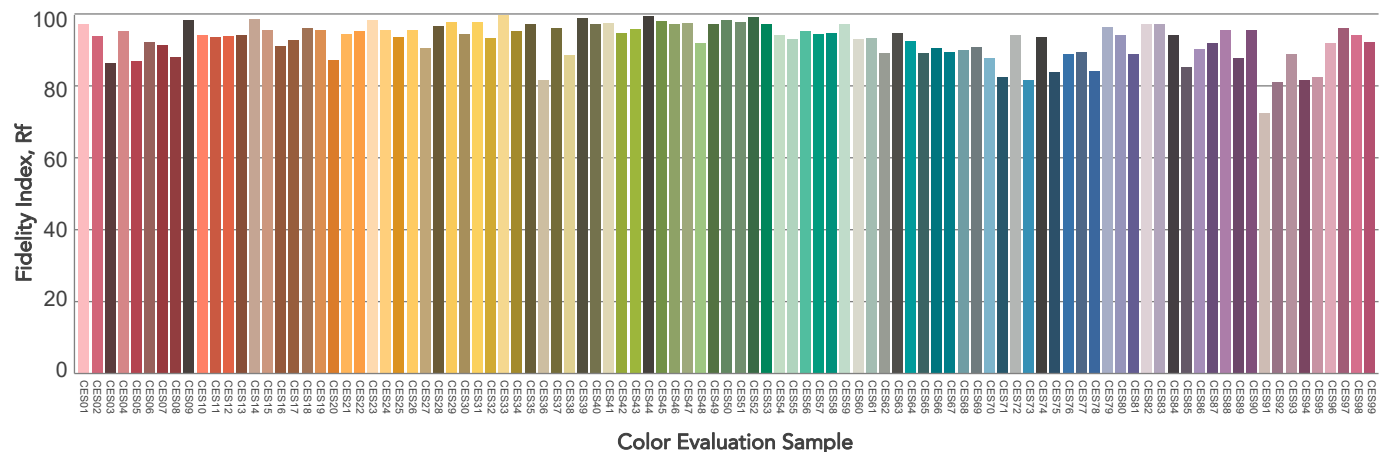
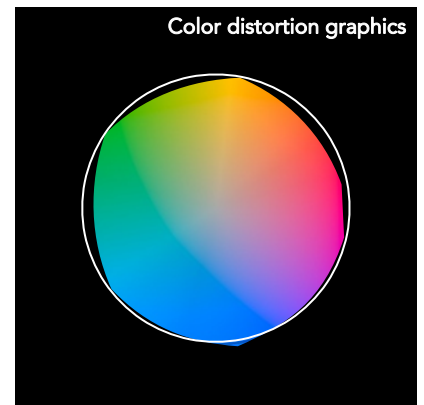
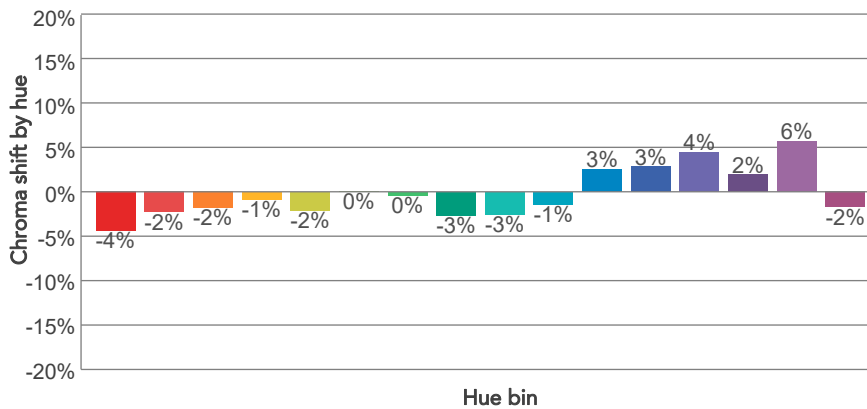
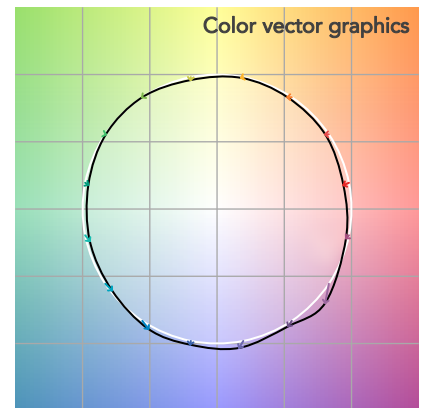
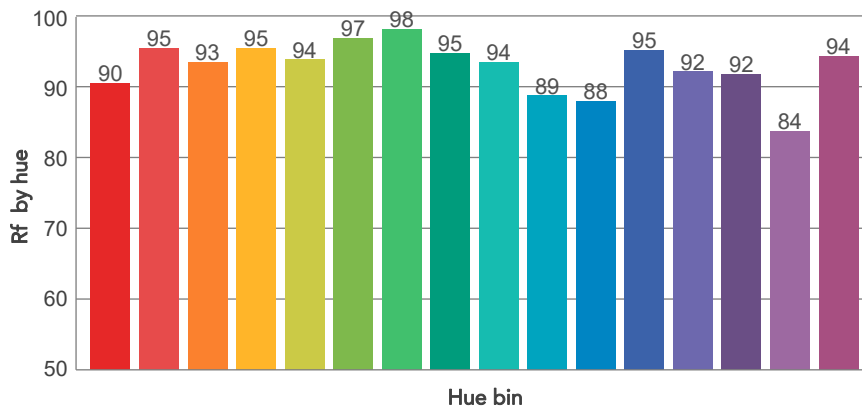
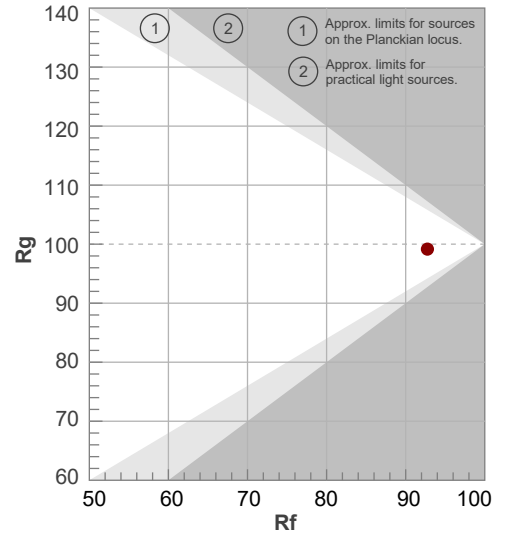
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6205 K	94,2	67,3	92,7	99,2	93,6	94	0,318	0,337	0,0048

TM30 DETAILS

Rf 92,7
Fidelity index Rf

Rg 99,2
Gammut index

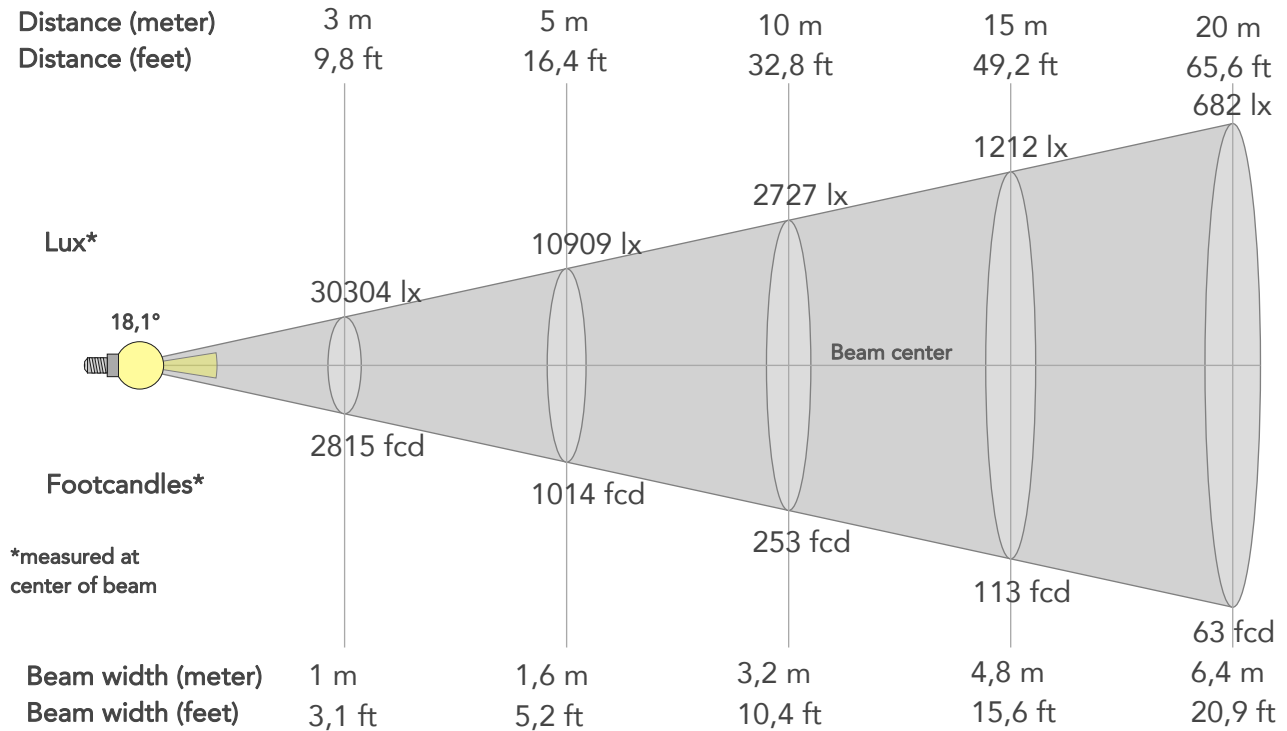
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	90	-4%	-1%
2	95	-2%	1%
3	93	-2%	3%
4	95	-1%	1%
5	94	-2%	1%
6	97	0%	0%
7	98	0%	0%
8	95	-3%	1%
9	94	-3%	5%
10	89	-1%	7%
11	88	3%	7%
12	95	3%	0%
13	92	4%	-4%
14	92	2%	-4%
15	84	6%	-13%
16	94	-2%	-3%



BEAM DETAILS



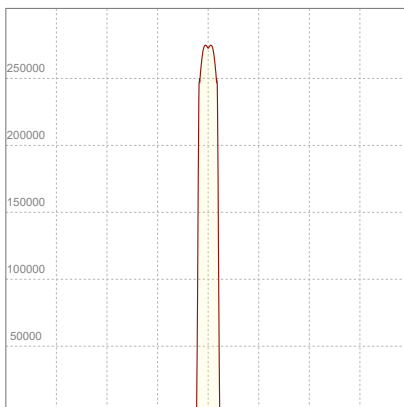
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	20°	20,4°	99,0%	98,8%



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	272732lx	68183lx	30304lx	17046lx	10909lx	4849lx	2727lx	1212lx	682lx	436lx	303lx	170lx	109lx
Footcand.	25338fcd	6334fcd	2815fcd	1584fcd	1014fcd	450fcd	253fcd	113fcd	63fcd	41fcd	28fcd	16fcd	10fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	7,9m	9,5m	12,7m	15,9m
Beam wid.	1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,8ft	10,4ft	15,6ft	20,9ft	26,1ft	31,3ft	41,7ft	52,1ft

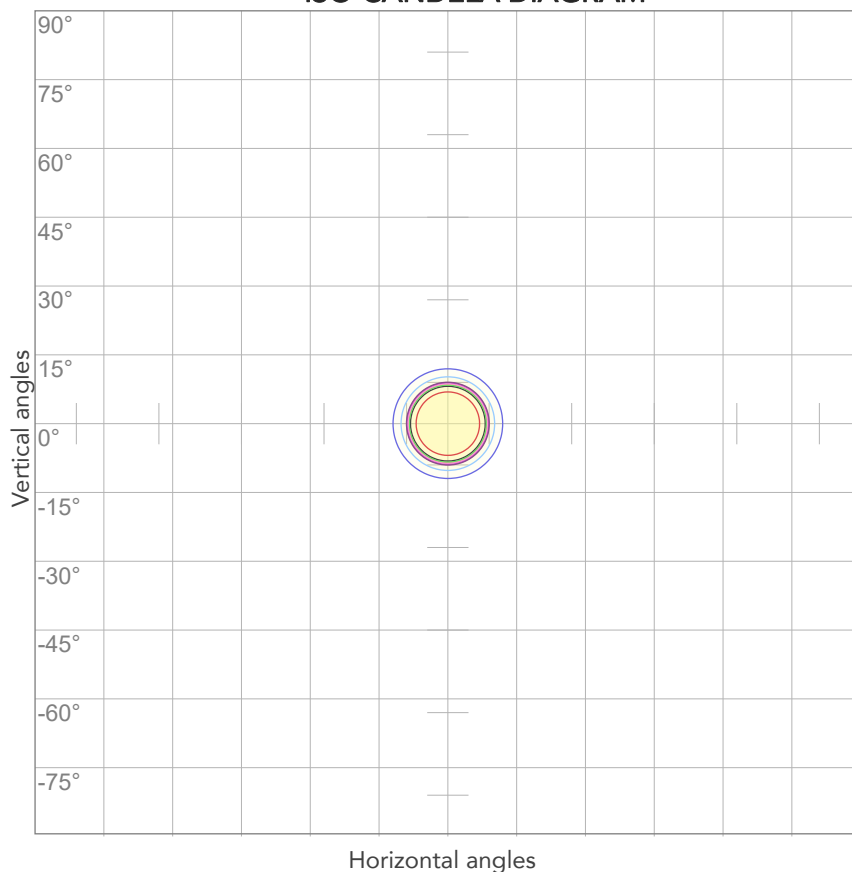
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
222V	5,56A	1218,5W	0,99	17lm/W

ISO CANDELA DIAGRAM



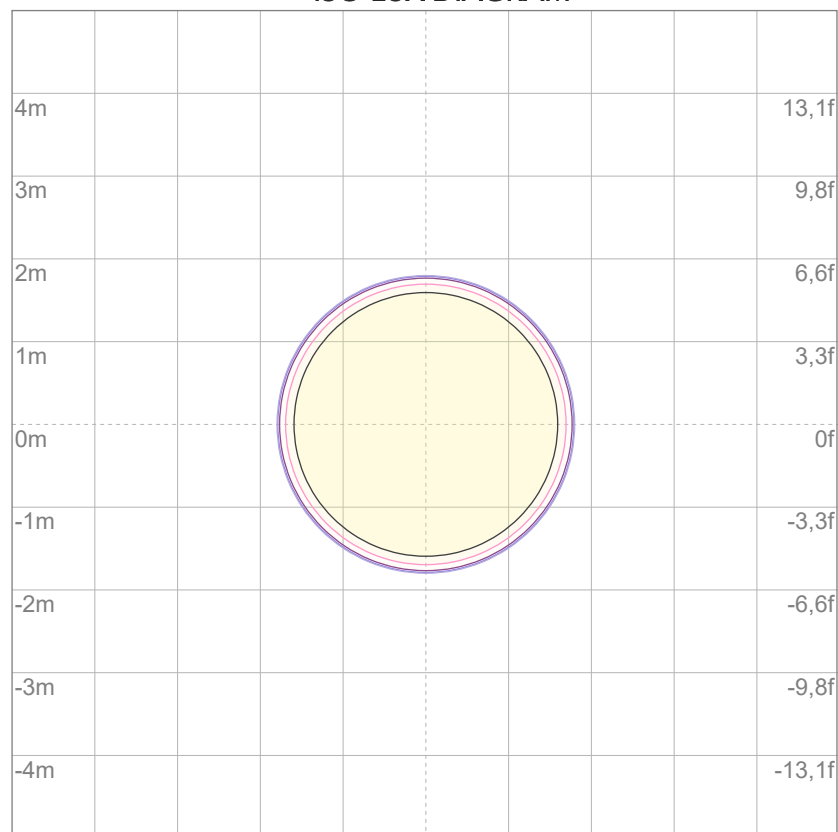
10%	27273 cd
20%	54546 cd
30%	81820 cd
40%	109093 cd
50%	136366 cd
60%	163639 cd
70%	190912 cd
80%	218185 cd

Conditions:

Number of c-planes: 2

Candela at center: 272732 cd

ISO LUX DIAGRAM



3%	81,8 lx
5%	136 lx
10%	273 lx
30%	818 lx
50%	1364 lx

Conditions:

Number of c-planes: 2

Lux at center: 2727 lx

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



Total lumen output:

14001 lm

Peak candela output:

1628323 cd

Light quality:

CRI: 94,8

Color temperature:

5696 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

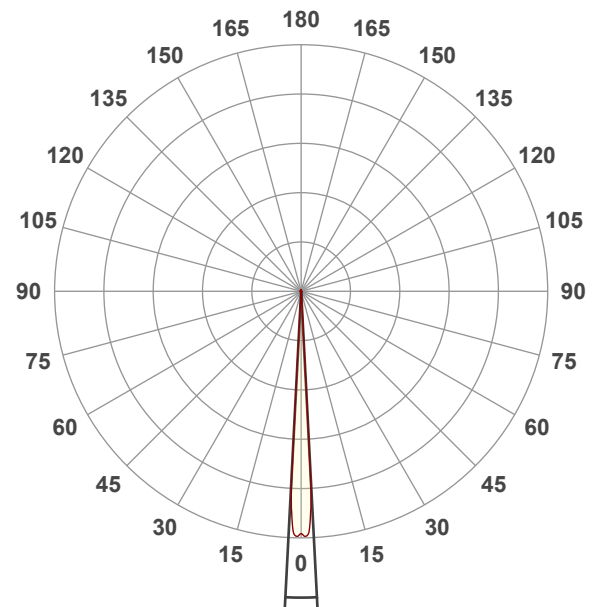
Full On - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:12:24

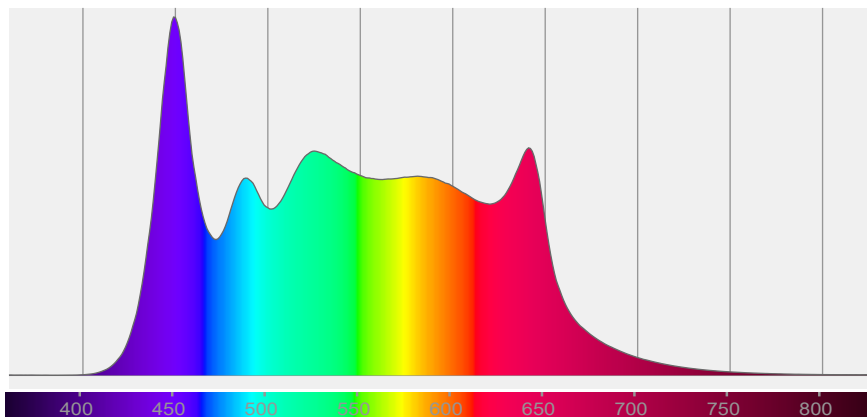


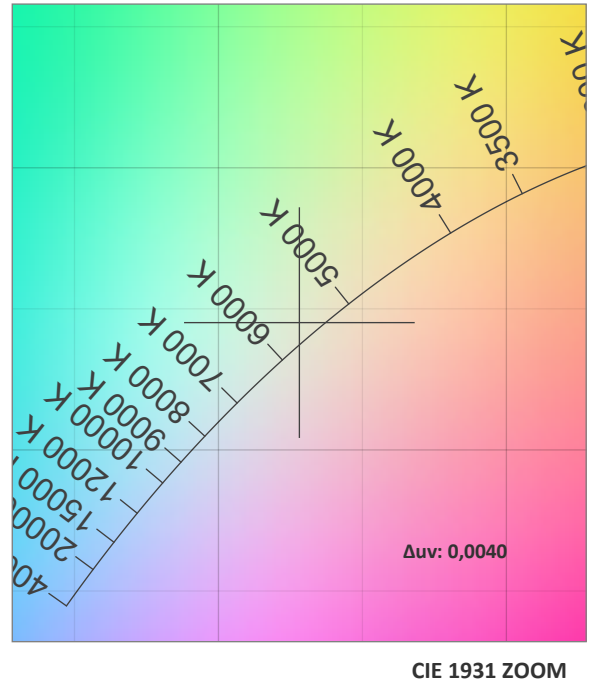
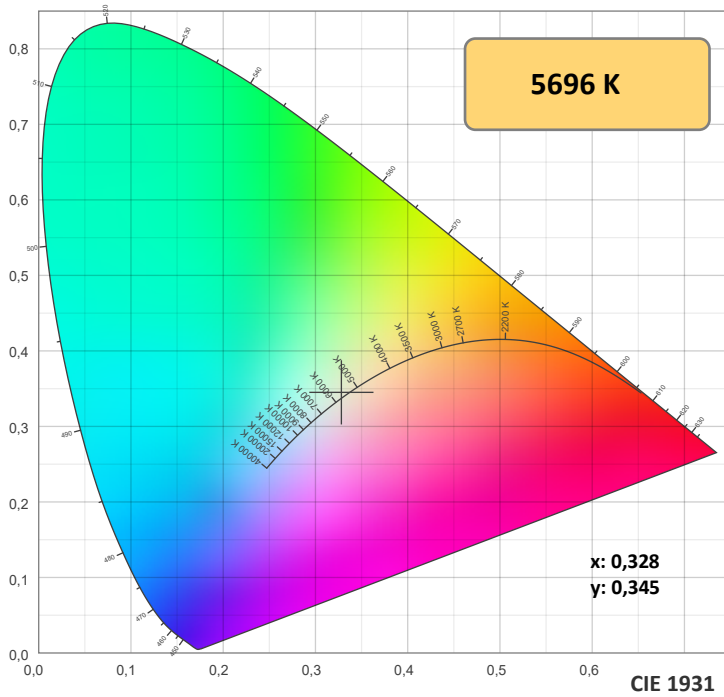
Beam angle 50%: 5,9°

Field angle 10%: 6,3°

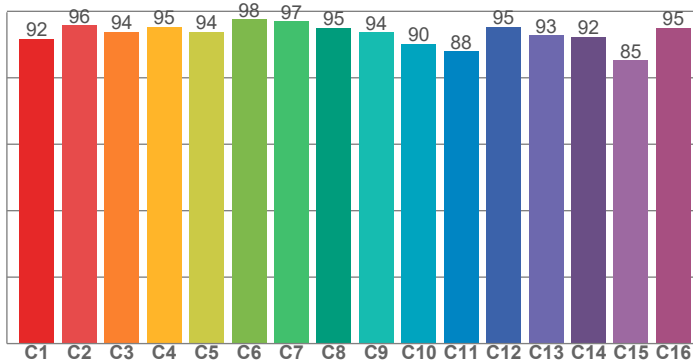
Cut off angle 2.5%: 6,5°

Spectra

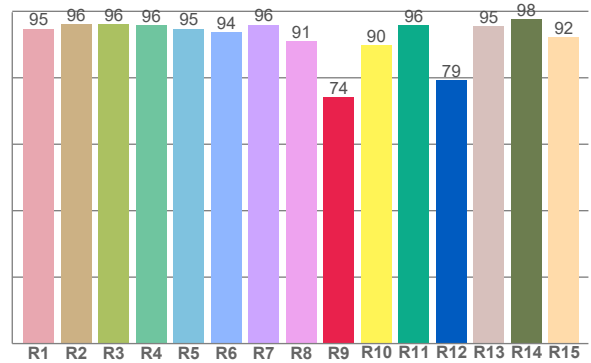




TM30: 93,2



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
94,8	96,1	96,1	95,7	94,8	93,7	96,0	91,1	74,1	89,9	95,8	79,2	95,4	97,6	92,2

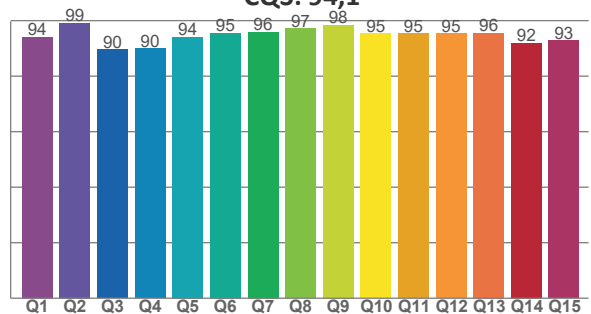
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,7	95,8	93,8	94,3	93,8	97,6	97,1	95,0	93,7	90,2	88,0	95,4	92,8	92,3	85,2	95,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,0	99,2	89,6	89,9	94,1	95,5	96,0	97,2	98,4	95,4	95,3	95,4	95,5	92,0	92,8

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
5696 K	94,8	74,1	93,2	99,4	94,1	96	0,328	0,345	0,0040

TM30 DETAILS

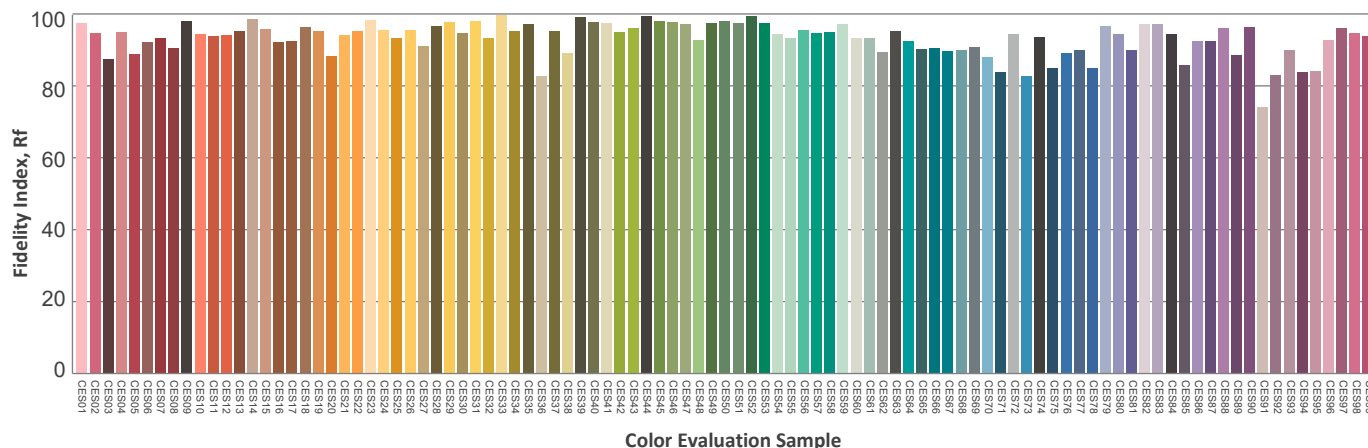
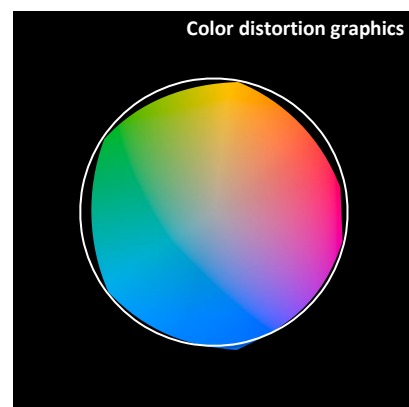
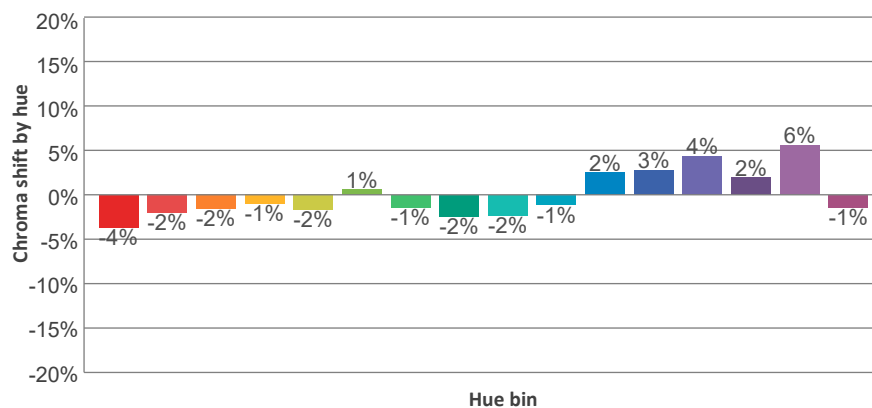
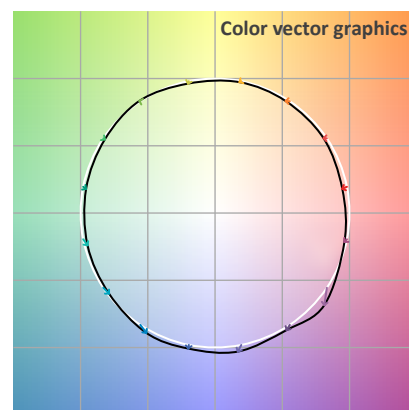
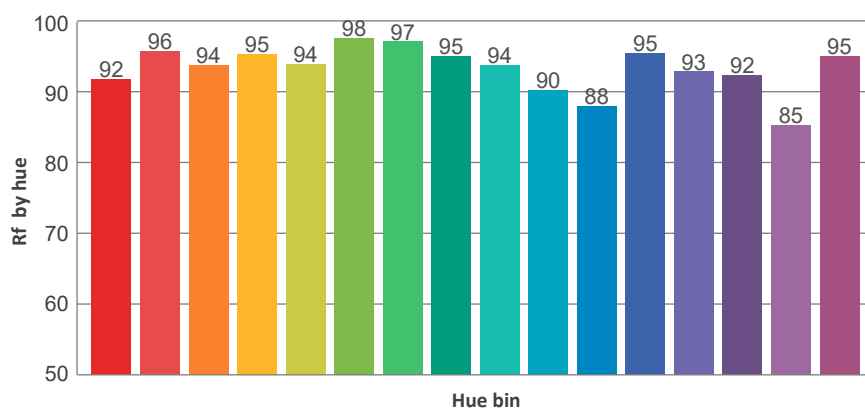
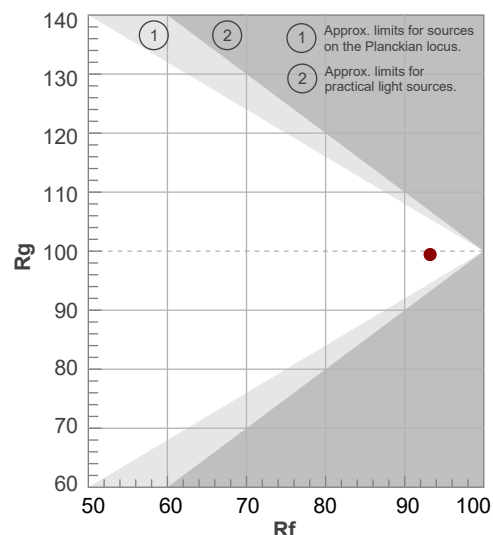
Rf 93,2

Fidelity index Rf

Rg 99,4

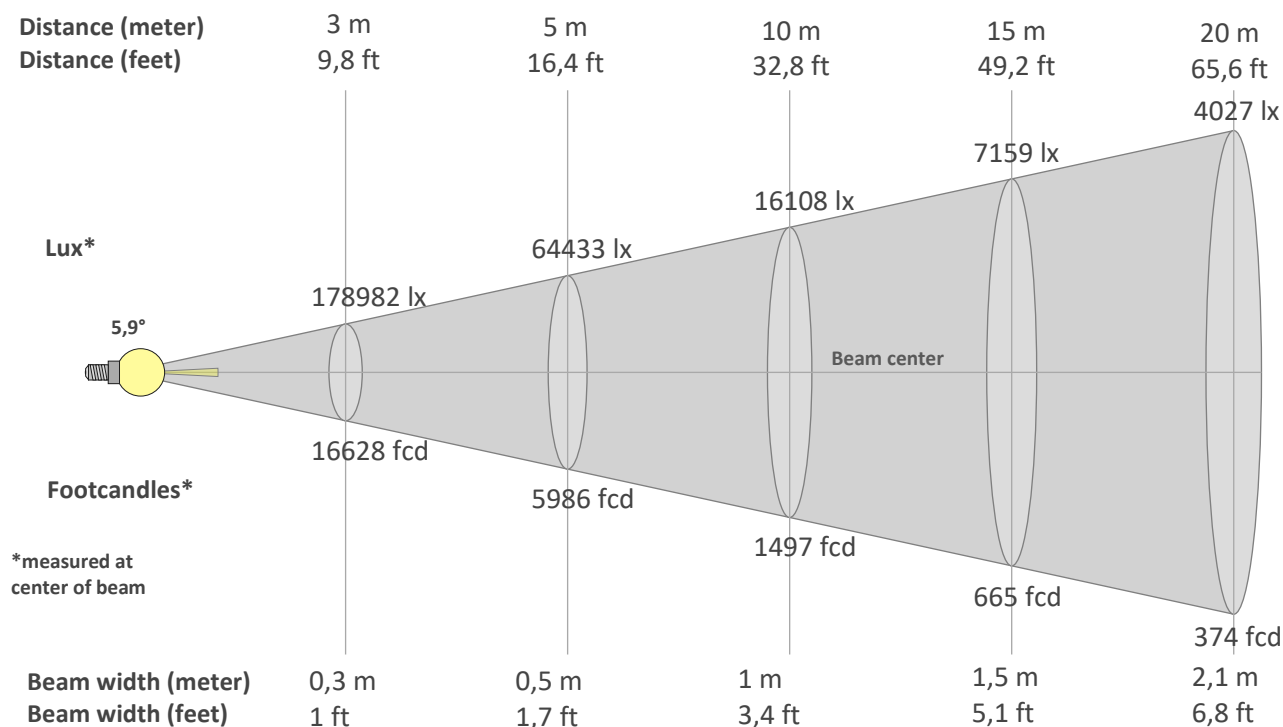
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	96	-2%	1%
3	94	-2%	3%
4	95	-1%	1%
5	94	-2%	1%
6	98	1%	0%
7	97	-1%	0%
8	95	-2%	1%
9	94	-2%	5%
10	90	-1%	6%
11	88	2%	7%
12	95	3%	0%
13	93	4%	-3%
14	92	2%	-4%
15	85	6%	-12%
16	95	-1%	-2%



BEAM DETAILS

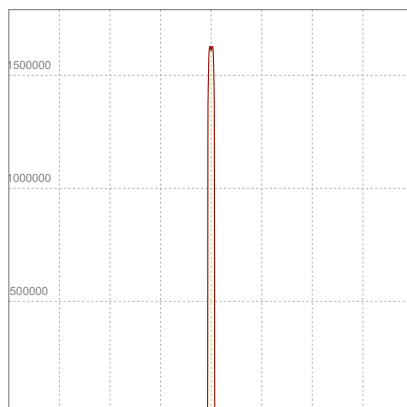
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	6,3°	6,5°	96,6%	95,1%



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	1610836lx	402709lx	178982lx	100677lx	64433lx	28637lx	16108lx	7159lx	4027lx	2577lx	1790lx	1007lx	644lx
Footcand.	149652fcd	37413fcd	16628fcd	9353fcd	5986fcd	2660fcd	1497fcd	665fcd	374fcd	239fcd	166fcd	94fcd	60fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2,1m	2,6m	3,1m	4,1m	5,2m
Beam wid.	0,3ft	0,7ft	1ft	1,4ft	1,7ft	2,5ft	3,4ft	5,1ft	6,8ft	8,5ft	10,2ft	13,5ft	16,9ft

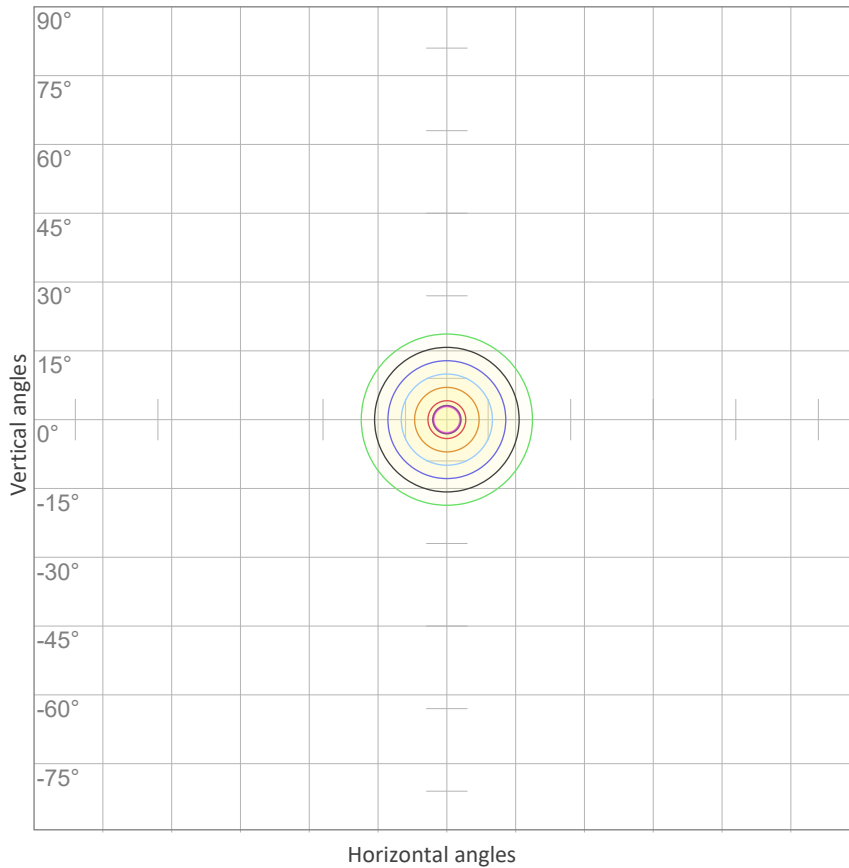
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
223V	5,57A	1224W	0,99	11lm/W

ISO CANDELA DIAGRAM



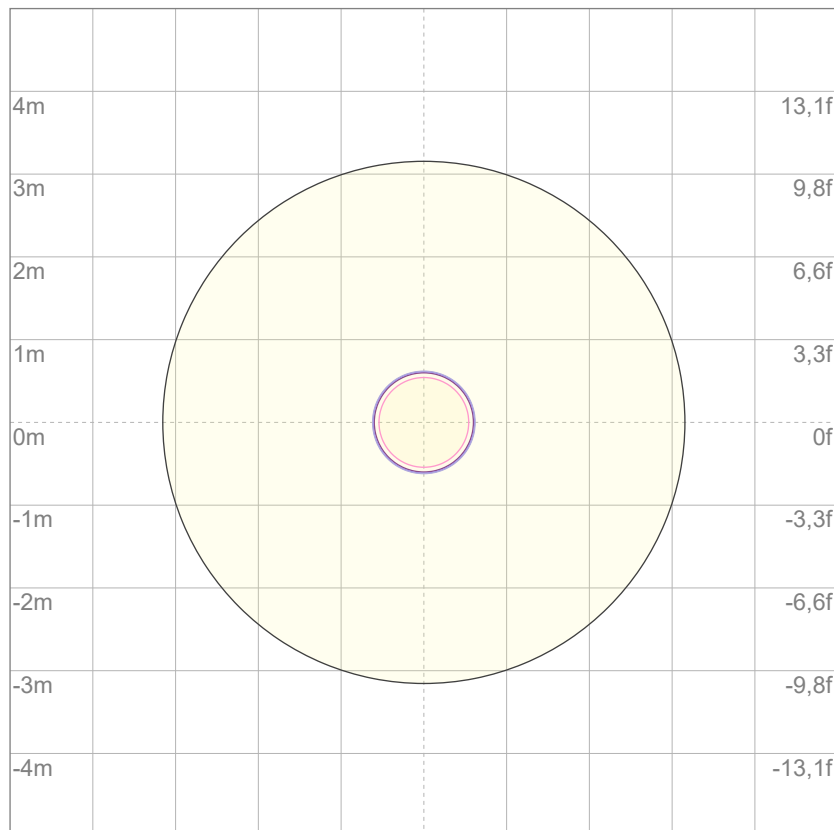
10%	161084 cd
20%	322167 cd
30%	483251 cd
40%	644334 cd
50%	805418 cd
60%	966501 cd
70%	1127585 cd
80%	1288668 cd
90%	1449752 cd

Conditions:

Number of c-planes: 2

Candela at center: 1610836 cd

ISO LUX DIAGRAM



3%	483 lx
5%	805 lx
10%	1611 lx
30%	4833 lx
50%	8054 lx

Conditions:

Number of c-planes: 2

Lux at center: 16,1K lx

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



Total lumen output:

1265 lm

Peak candela output:

2403 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

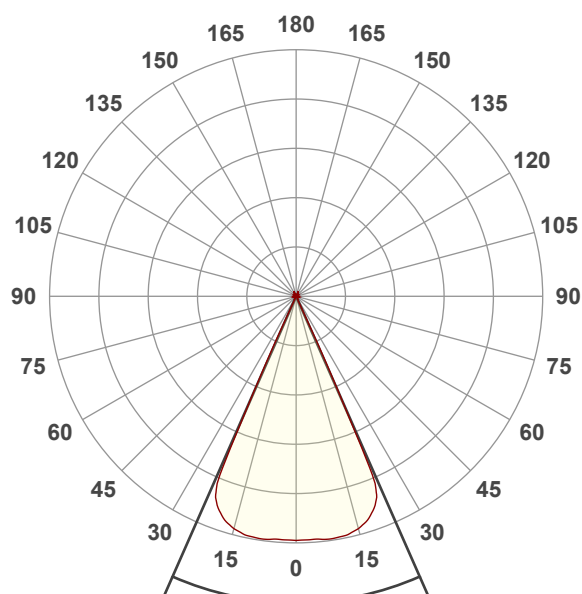
Red - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:50:20

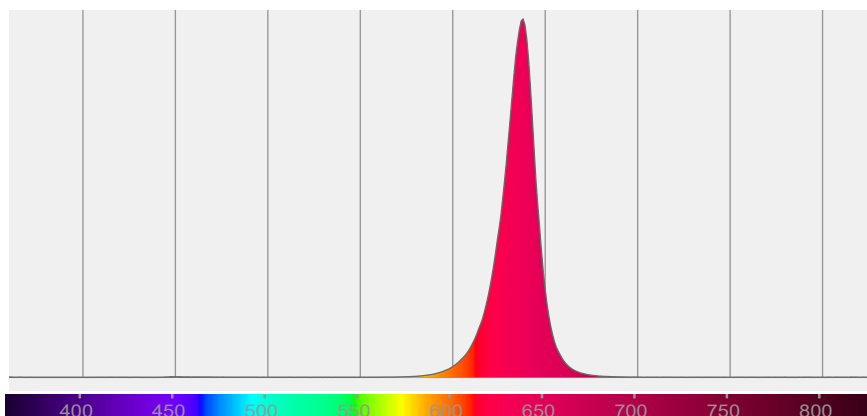


Beam angle 50%: 47,6°

Field angle 10%: 49,8°

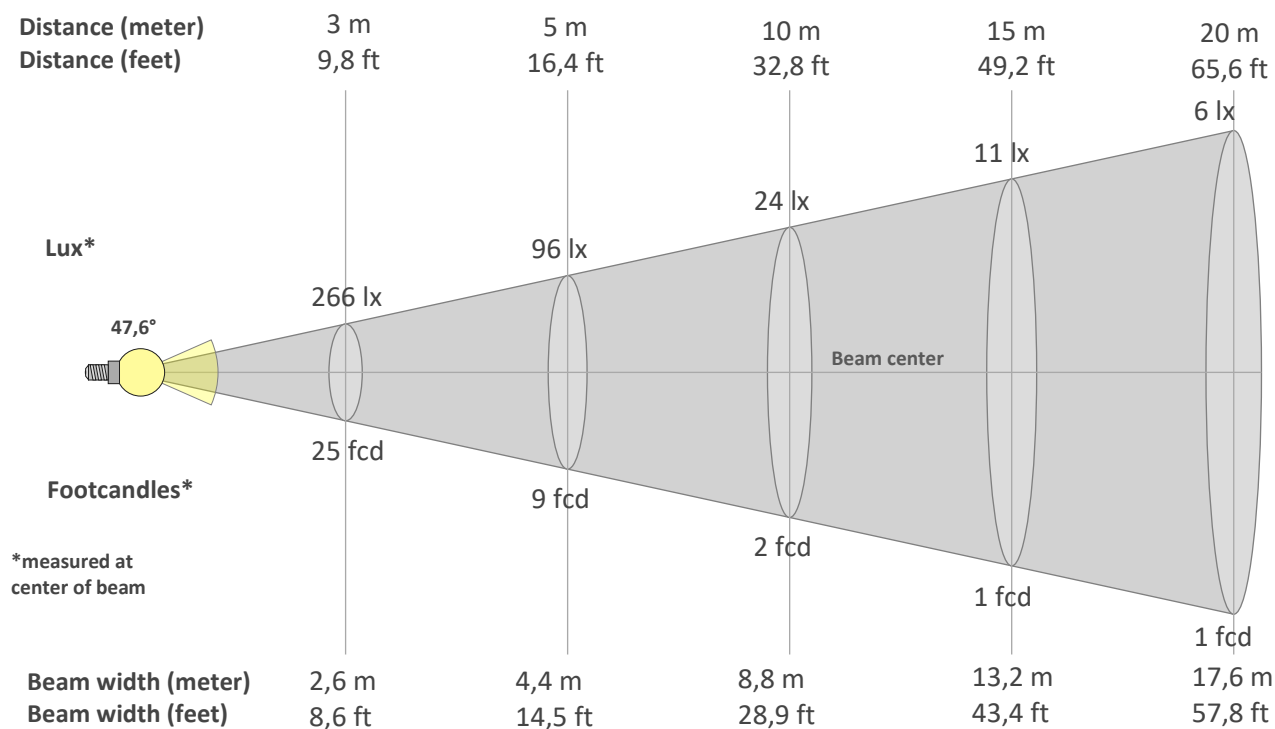
Cut off angle 2.5%: 50,3°

Spectra



BEAM DETAILS

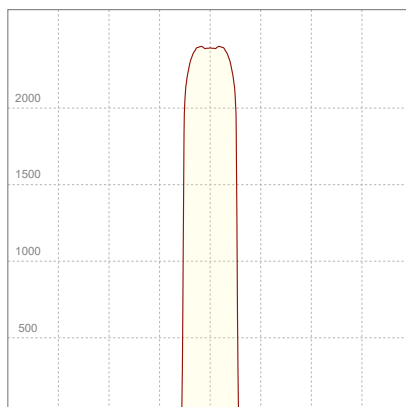
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,6°	49,8°	50,3°	98,3%	97,9%



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	2393lx	598lx	266lx	150lx	96lx	43lx	24lx	11lx	6lx	4lx	3lx	1lx	1lx
Footcand.	222fcd	56fcd	25fcd	14fcd	9fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,2m	17,6m	22m	26,5m	35,3m	44,1m
Beam wid.	2,9ft	5,8ft	8,6ft	11,6ft	14,5ft	21,7ft	28,9ft	43,4ft	57,8ft	72,3ft	86,8ft	115,7ft	144,6ft

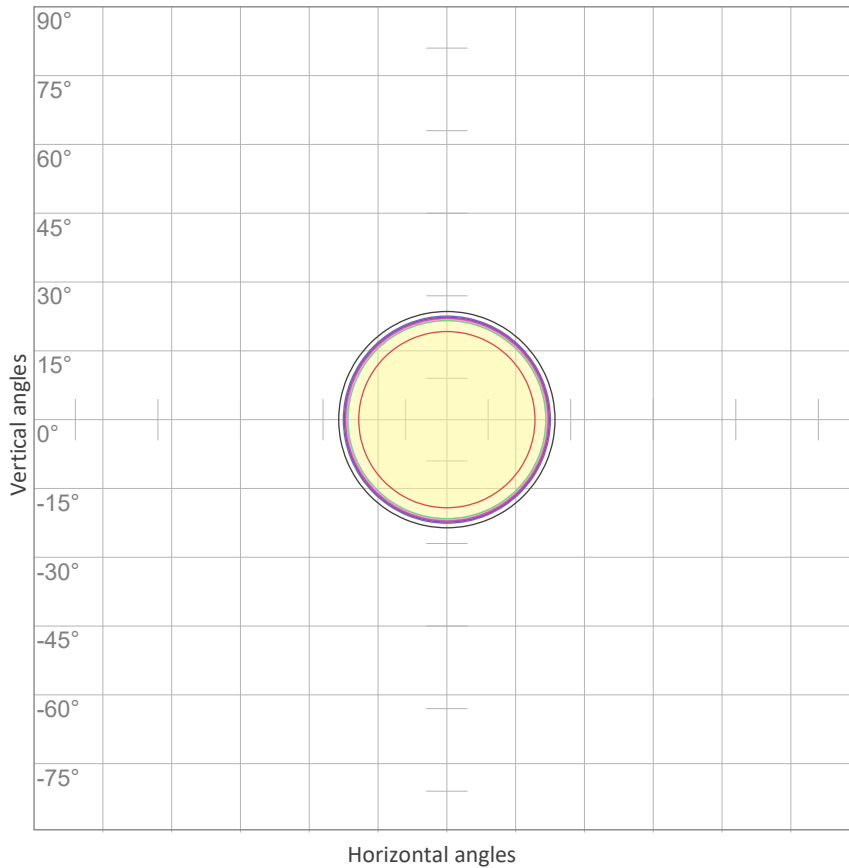
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	1,17A	226,9W	0,86	6lm/W

ISO CANDELA DIAGRAM



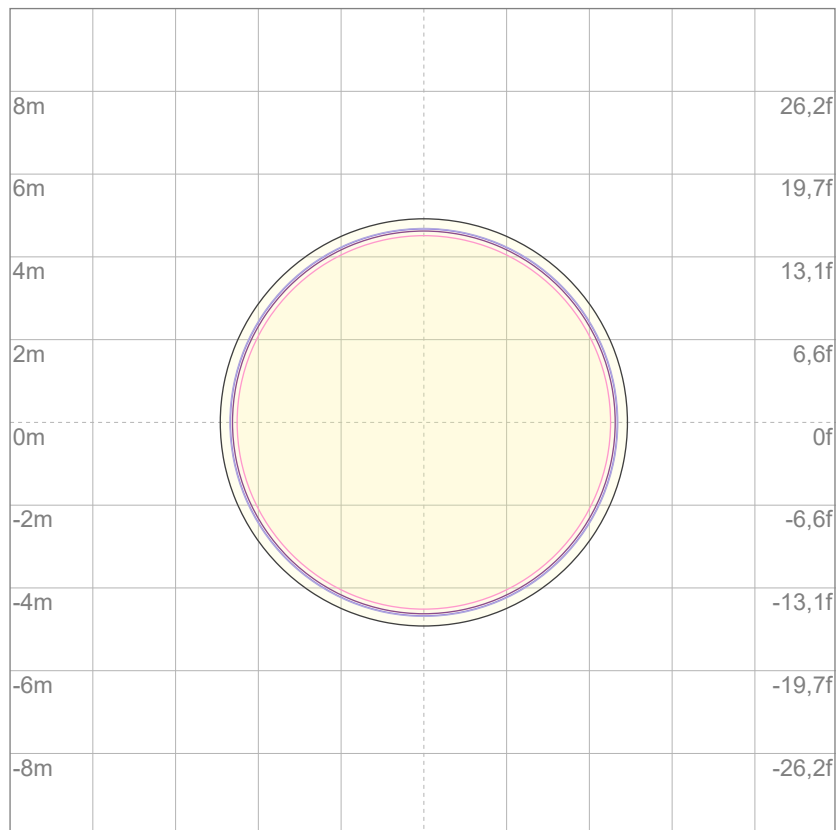
10%	239 cd
20%	479 cd
30%	718 cd
40%	957 cd
50%	1197 cd
60%	1436 cd
70%	1675 cd
80%	1915 cd
90%	2154 cd

Conditions:

Number of c-planes: 2

Candela at center: 2393 cd

ISO LUX DIAGRAM



3%	0,718 lx
5%	1,20 lx
10%	2,39 lx
30%	7,18 lx
50%	12,0 lx

Conditions:

Number of c-planes: 2

Lux at center: 23,9 lx

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



Total lumen output:

1255 lm

Peak candela output:

16746 cd

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

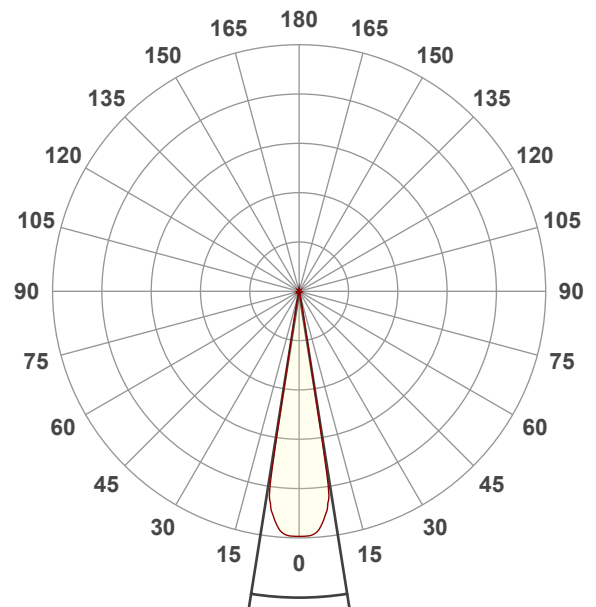
Red - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:45:51

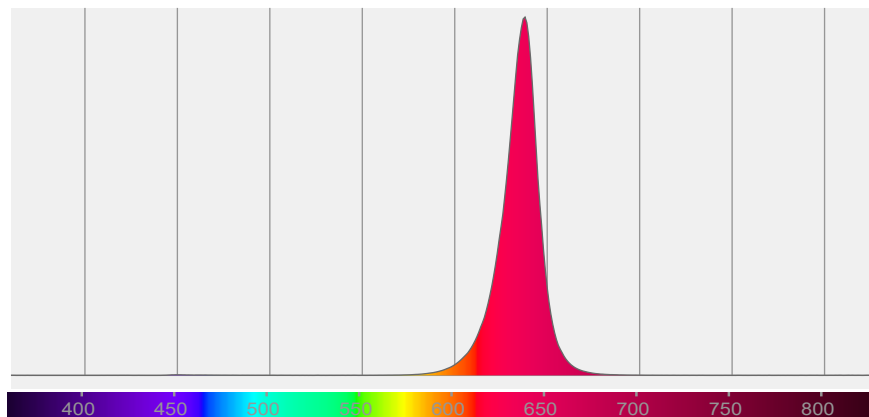


Beam angle 50%: 18°

Field angle 10%: 19,6°

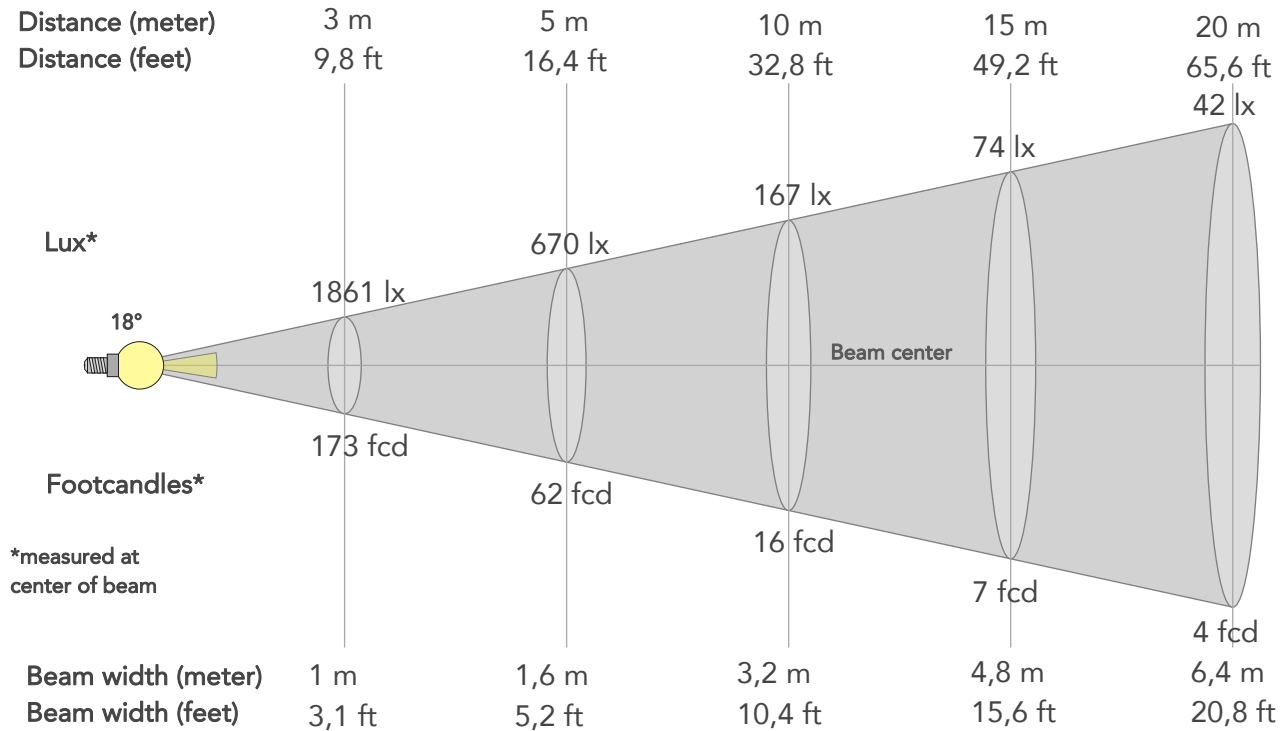
Cut off angle 2.5%: 20,8°

Spectra



BEAM DETAILS

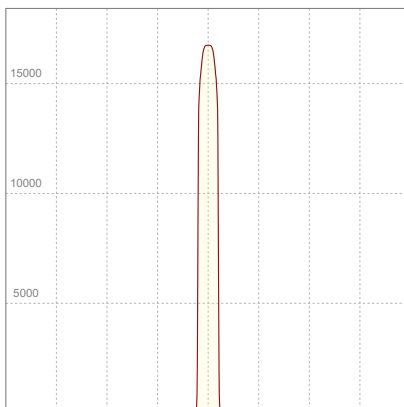
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18°	19,6°	20,8°	99,5%	99,3%



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	16746lx	4187lx	1861lx	1047lx	670lx	298lx	167lx	74lx	42lx	27lx	19lx	10lx	7lx
Footcand.	1556fcd	389fcd	173fcd	97fcd	62fcd	28fcd	16fcd	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	7,9m	9,5m	12,7m	15,9m
Beam wid.	1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,8ft	10,4ft	15,6ft	20,8ft	26ft	31,2ft	41,7ft	52,1ft

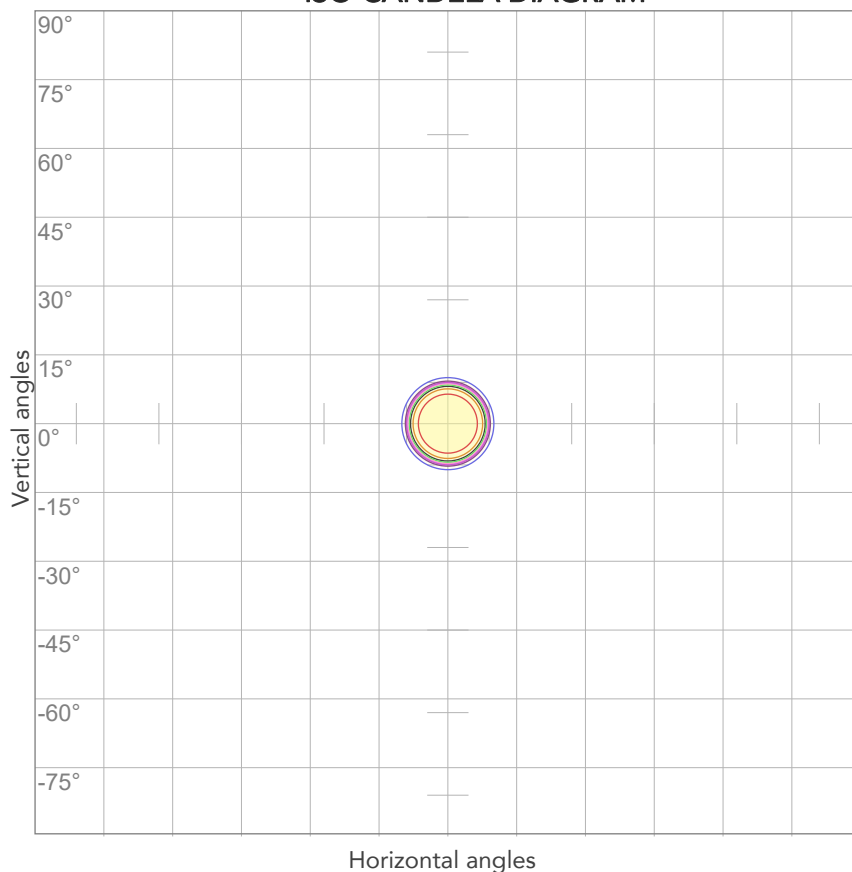
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	1,17A	227,3W	0,86	6lm/W

ISO CANDELA DIAGRAM



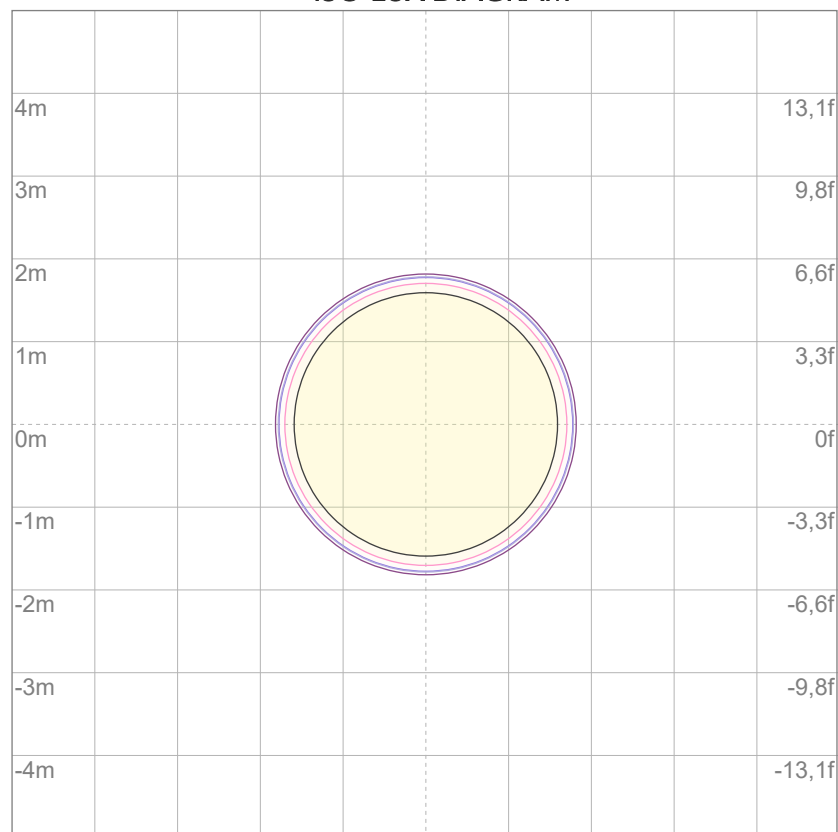
10%	1675 cd
20%	3349 cd
30%	5024 cd
40%	6699 cd
50%	8373 cd
60%	10048 cd
70%	11723 cd
80%	13397 cd

Conditions:

Number of c-planes: 2

Candela at center: 16746 cd

ISO LUX DIAGRAM



3%	5,02 lx
5%	8,37 lx
10%	16,7 lx
30%	50,2 lx
50%	83,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 167 lx

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



Total lumen output:

1446 lm

Peak candela output:

99441 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

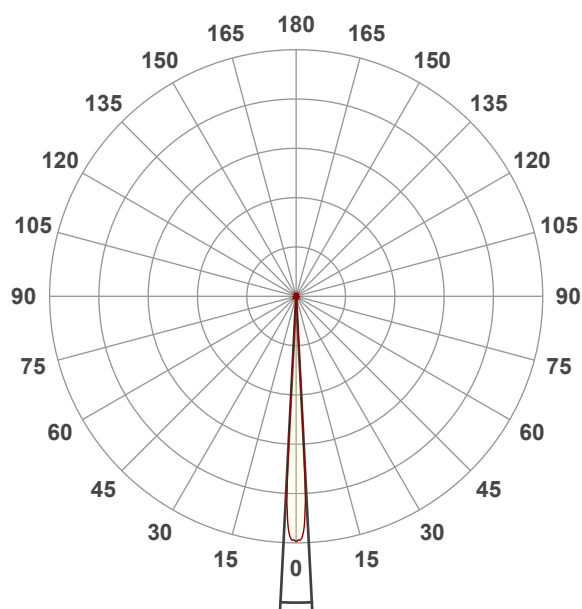
Red - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:16:14

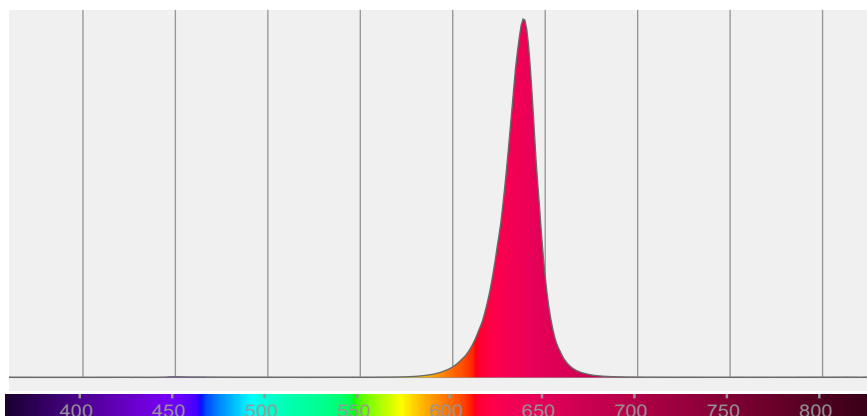


Beam angle 50%: 5,9°

Field angle 10%: 6,3°

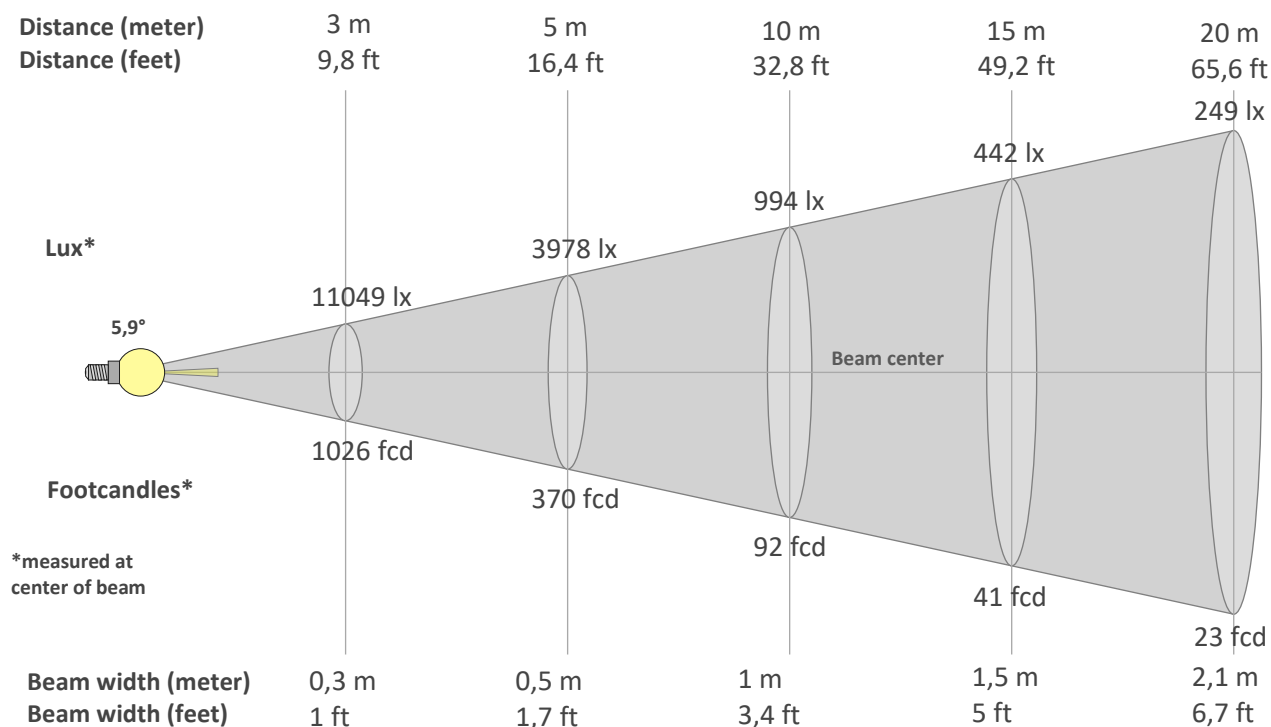
Cut off angle 2.5%: 6,6°

Spectra



BEAM DETAILS

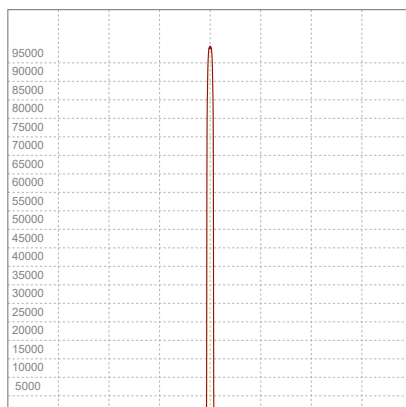
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	6,3°	6,6°	76,4%	66,8%



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	99441lx	24860lx	11049lx	6215lx	3978lx	1768lx	994lx	442lx	249lx	159lx	110lx	62lx	40lx
Footcand.	9238fcd	2310fcd	1026fcd	577fcd	370fcd	164fcd	92fcd	41fcd	23fcd	15fcd	10fcd	6fcd	4fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2,1m	2,6m	3,1m	4,1m	5,1m
Beam wid.	0,3ft	0,7ft	1ft	1,3ft	1,7ft	2,5ft	3,4ft	5ft	6,7ft	8,4ft	10,1ft	13,5ft	16,8ft

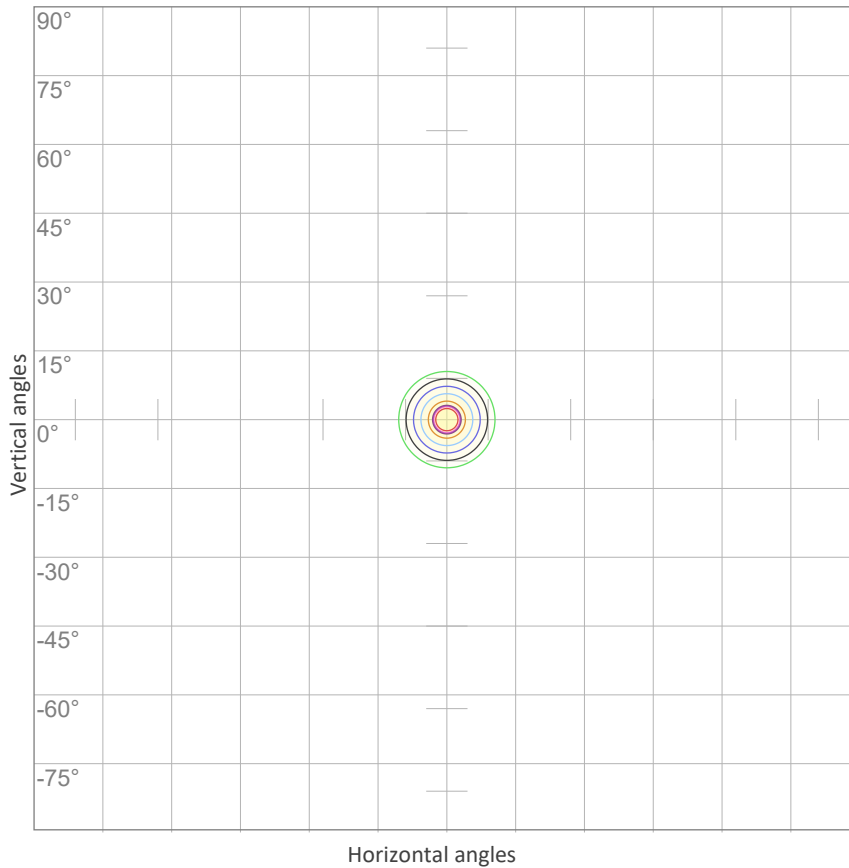
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	1,16A	225,1W	0,86	6lm/W

ISO CANDELA DIAGRAM



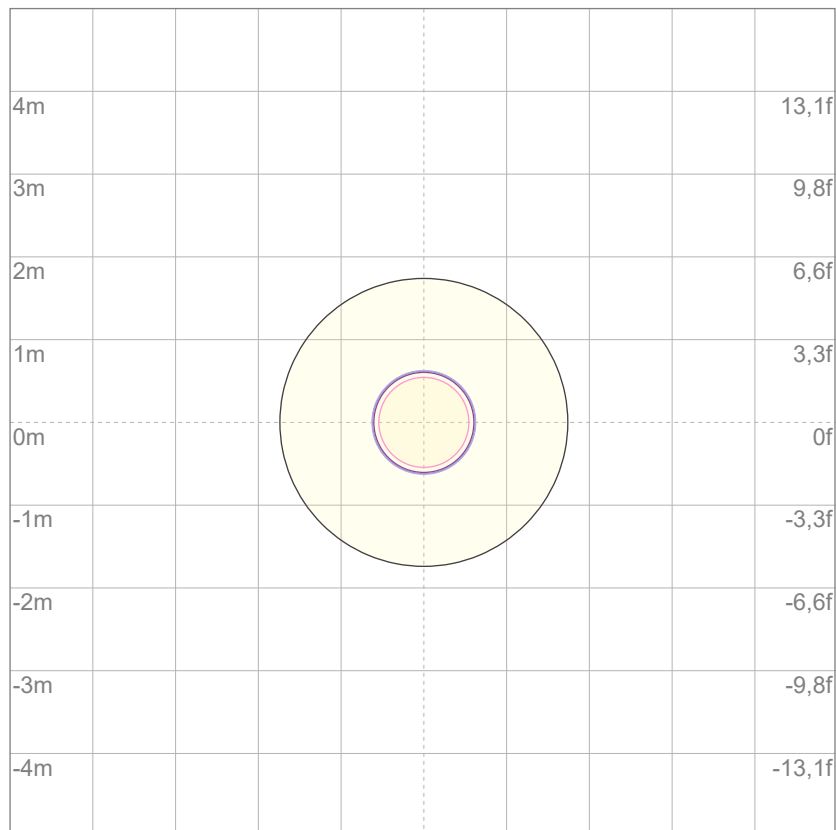
10%	9944 cd
20%	19888 cd
30%	29832 cd
40%	39776 cd
50%	49720 cd
60%	59664 cd
70%	69608 cd
80%	79553 cd
90%	89497 cd

Conditions:

Number of c-planes: 2

Candela at center: 99441 cd

ISO LUX DIAGRAM



3%	29,8 lx
5%	49,7 lx
10%	99,4 lx
30%	298 lx
50%	497 lx

Conditions:

Number of c-planes: 2

Lux at center: 994 lx

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



Total lumen output:

2903 lm

Peak candela output:

5533 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

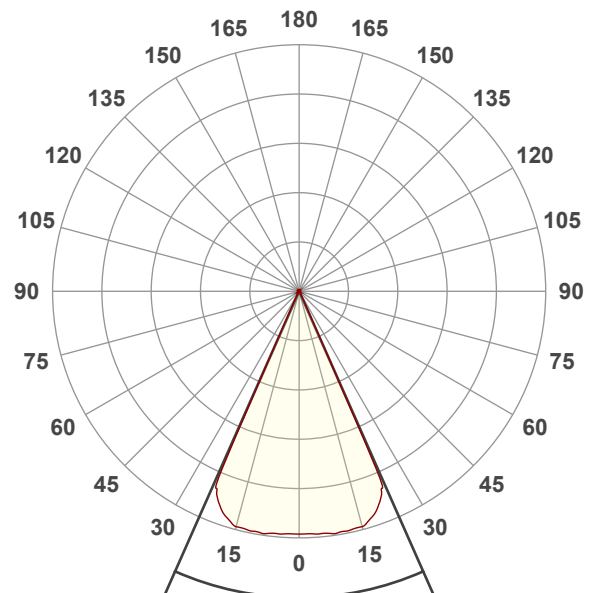
Green - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:53:12

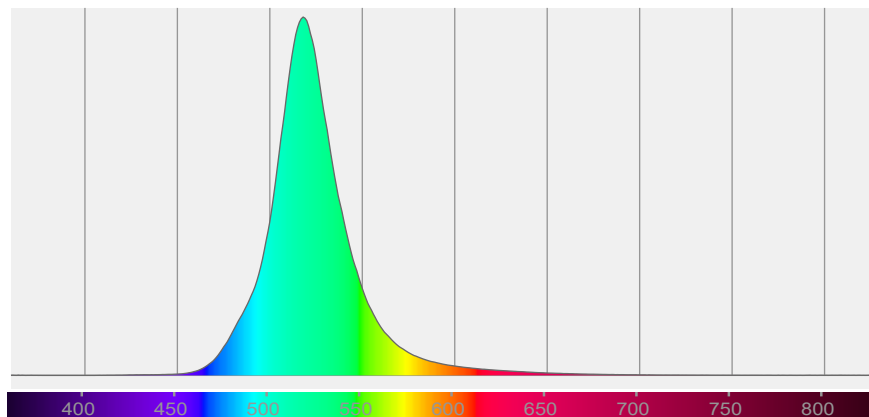


Beam angle 50%: 47,8°

Field angle 10%: 49,2°

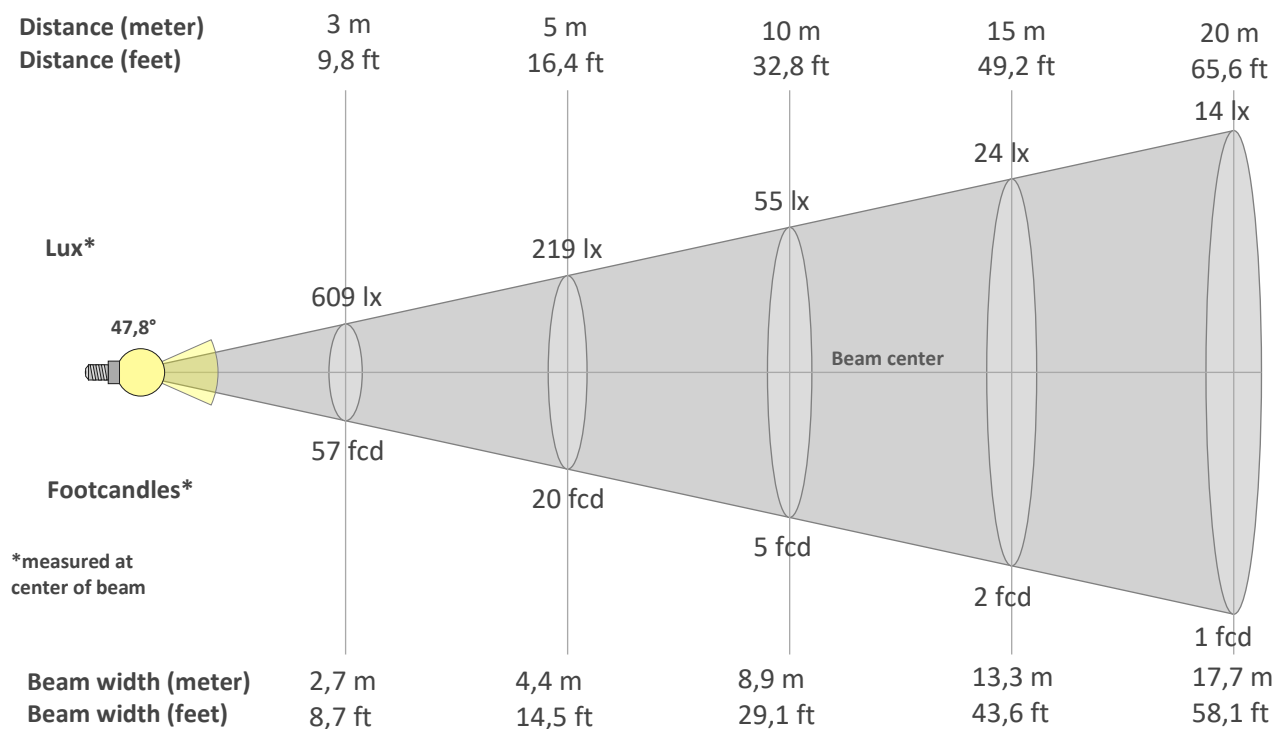
Cut off angle 2.5%: 50,5°

Spectra



BEAM DETAILS

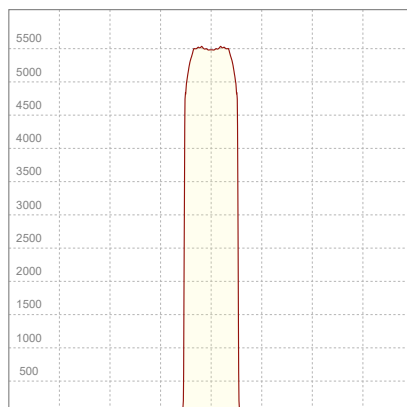
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,8°	49,2°	50,5°	99,3%	99,3%



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	5482lx	1370lx	609lx	343lx	219lx	97lx	55lx	24lx	14lx	9lx	6lx	3lx	2lx
Footcand.	509fcd	127fcd	57fcd	32fcd	20fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,7m	3,5m	4,4m	6,6m	8,9m	13,3m	17,7m	22,1m	26,6m	35,4m	44,3m
Beam wid.	2,9ft	5,8ft	8,7ft	11,6ft	14,5ft	21,8ft	29,1ft	43,6ft	58,1ft	72,6ft	87,2ft	116,2ft	145,3ft

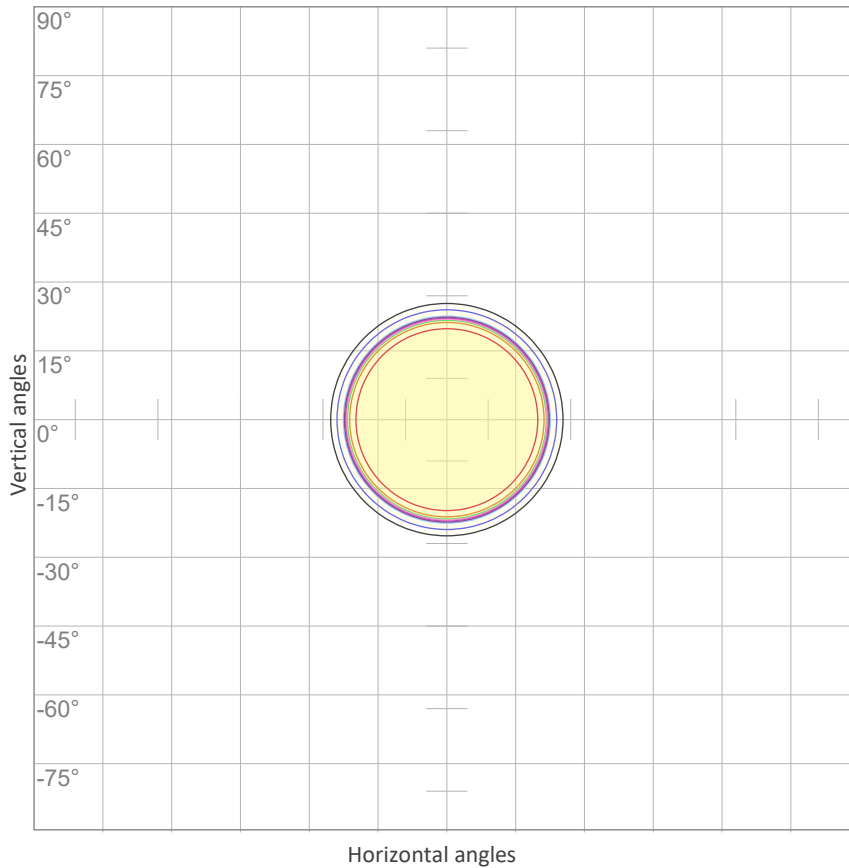
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	1,39A	282,5W	0,9	10lm/W

ISO CANDELA DIAGRAM



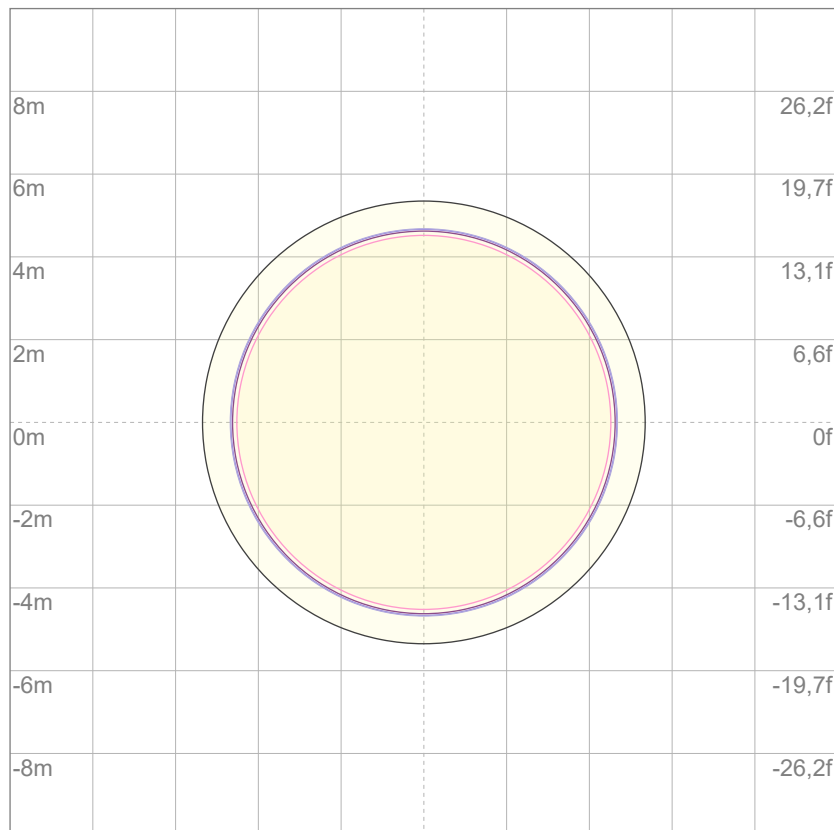
10%	548 cd
20%	1096 cd
30%	1645 cd
40%	2193 cd
50%	2741 cd
60%	3289 cd
70%	3837 cd
80%	4385 cd
90%	4934 cd

Conditions:

Number of c-planes: 2

Candela at center: 5482 cd

ISO LUX DIAGRAM



3%	1,64 lx
5%	2,74 lx
10%	5,48 lx
30%	16,4 lx
50%	27,4 lx

Conditions:

Number of c-planes: 2

Lux at center: 54,8 lx

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



Total lumen output:

2902 lm

Peak candela output:

38997 cd

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

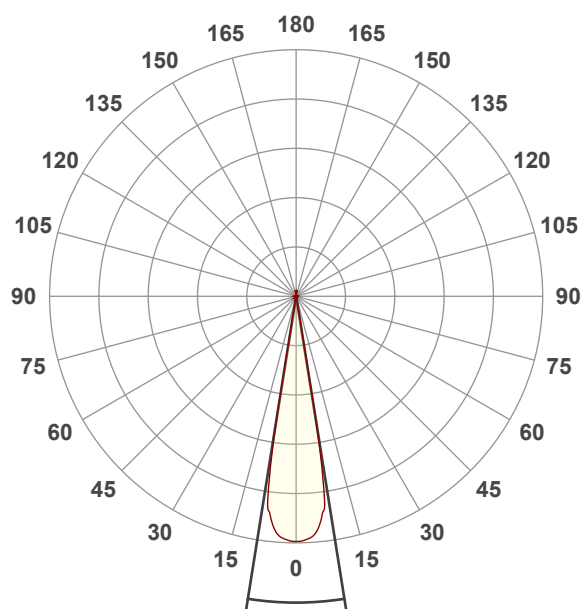
Green - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:43:33

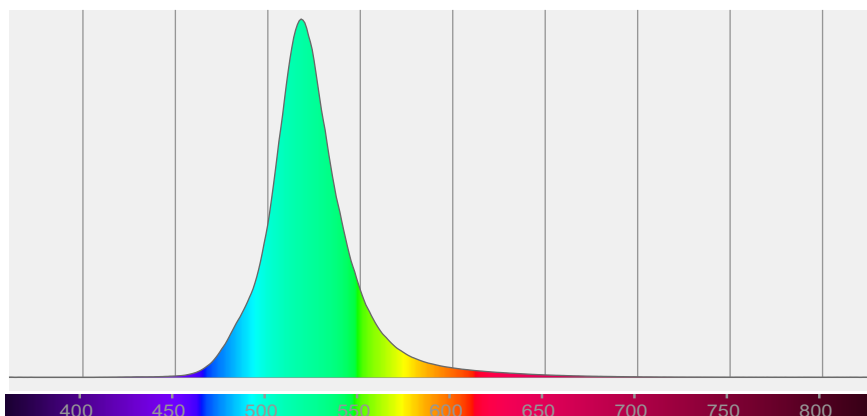


Beam angle 50%: 18,1°

Field angle 10%: 19,6°

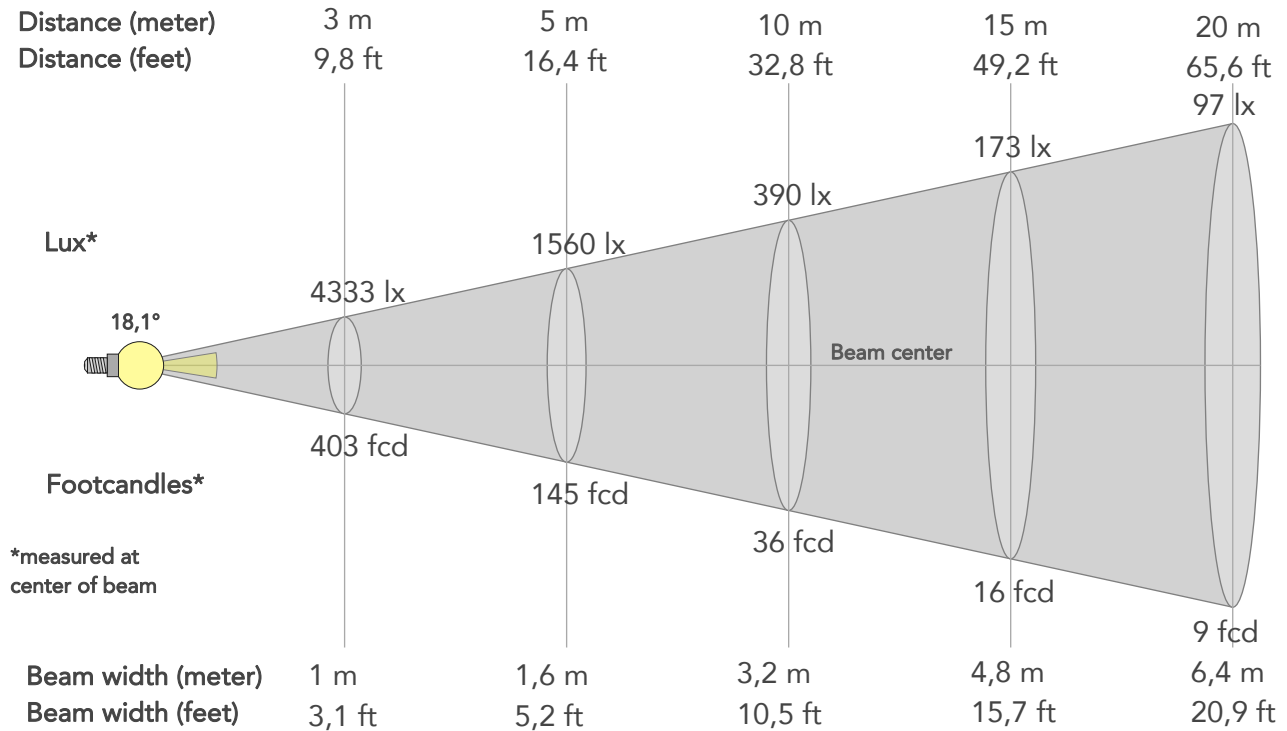
Cut off angle 2.5%: 20,5°

Spectra



BEAM DETAILS

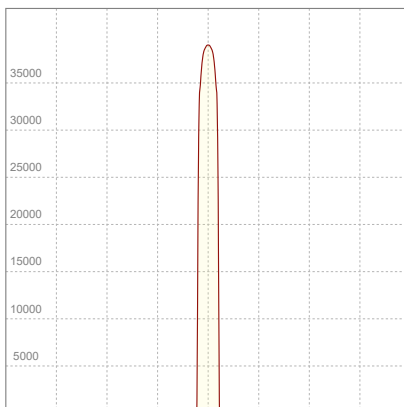
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	19,6°	20,5°	98,8%	98,6%



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	38997lx	9749lx	4333lx	2437lx	1560lx	693lx	390lx	173lx	97lx	62lx	43lx	24lx	16lx
Footcand.	3623fcd	906fcd	403fcd	226fcd	145fcd	64fcd	36fcd	16fcd	9fcd	6fcd	4fcd	2fcd	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	52,3ft

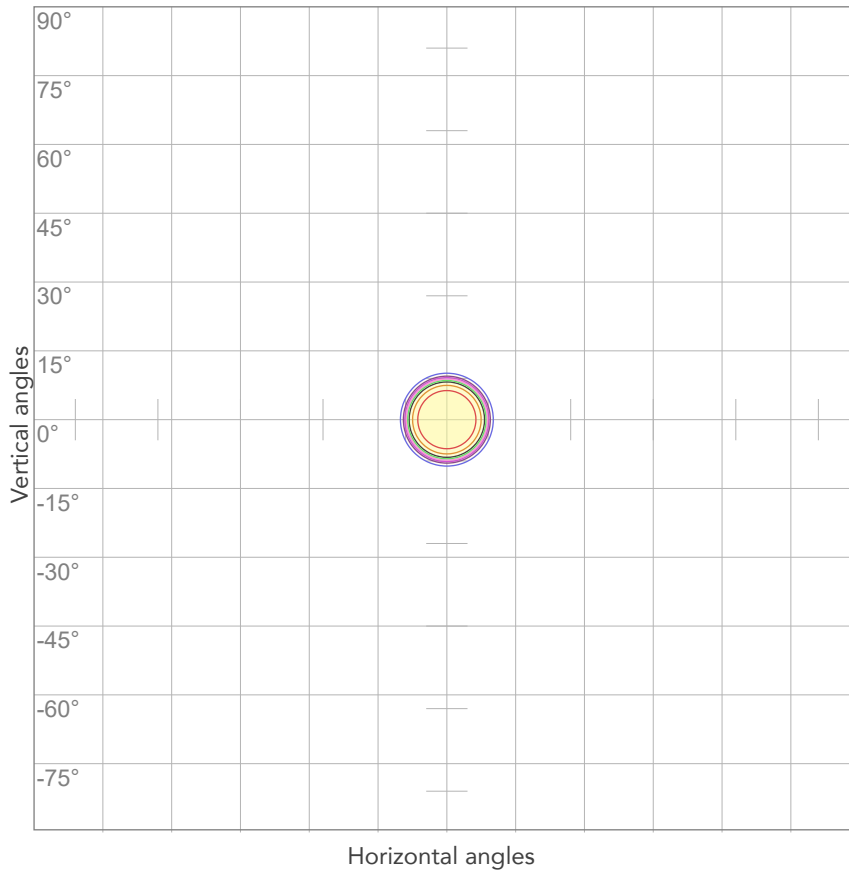
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	1,39A	282,5W	0,9	10lm/W

ISO CANDELA DIAGRAM



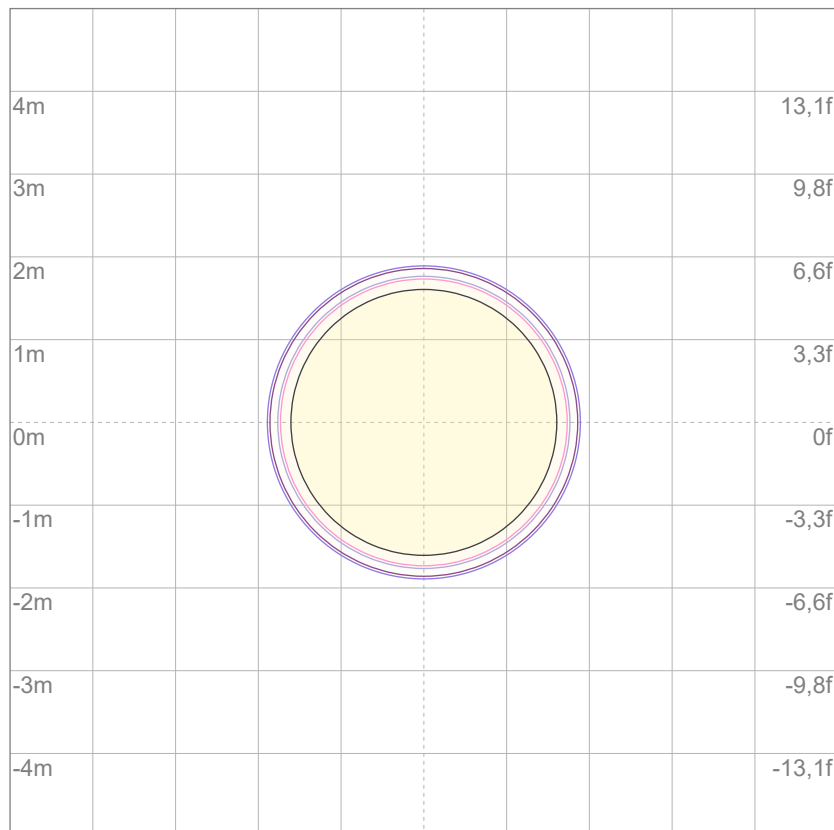
10%	3900 cd
20%	7799 cd
30%	11699 cd
40%	15599 cd
50%	19499 cd
60%	23398 cd
70%	27298 cd
80%	31198 cd

Conditions:

Number of c-planes: 2

Candela at center: 38997 cd

ISO LUX DIAGRAM



3%	11,7 lx
5%	19,5 lx
10%	39,0 lx
30%	117 lx
50%	195 lx

Conditions:

Number of c-planes: 2

Lux at center: 390 lx

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



Total lumen output:

1556 lm

Peak candela output:

200779 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

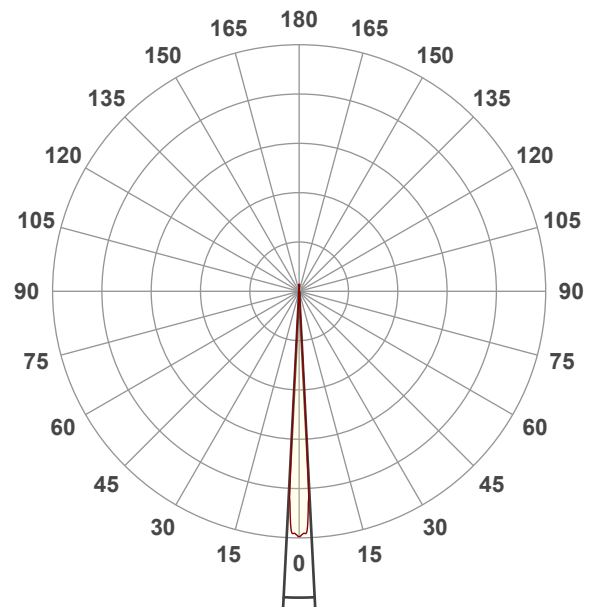
Green - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:20:42

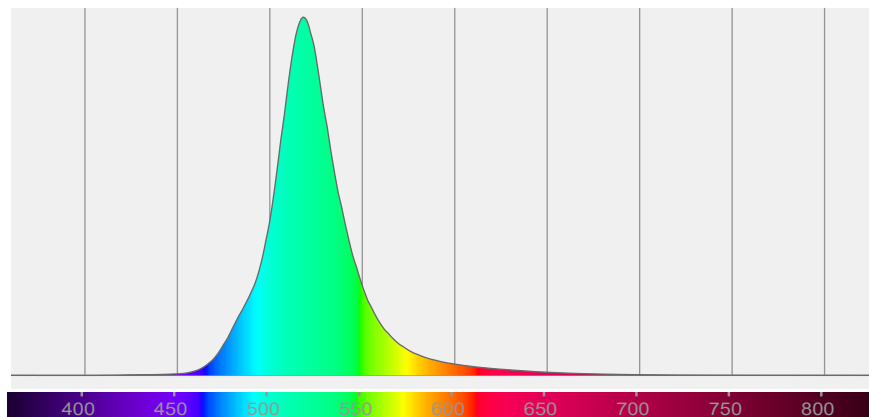


Beam angle 50%: 5,8°

Field angle 10%: 6,3°

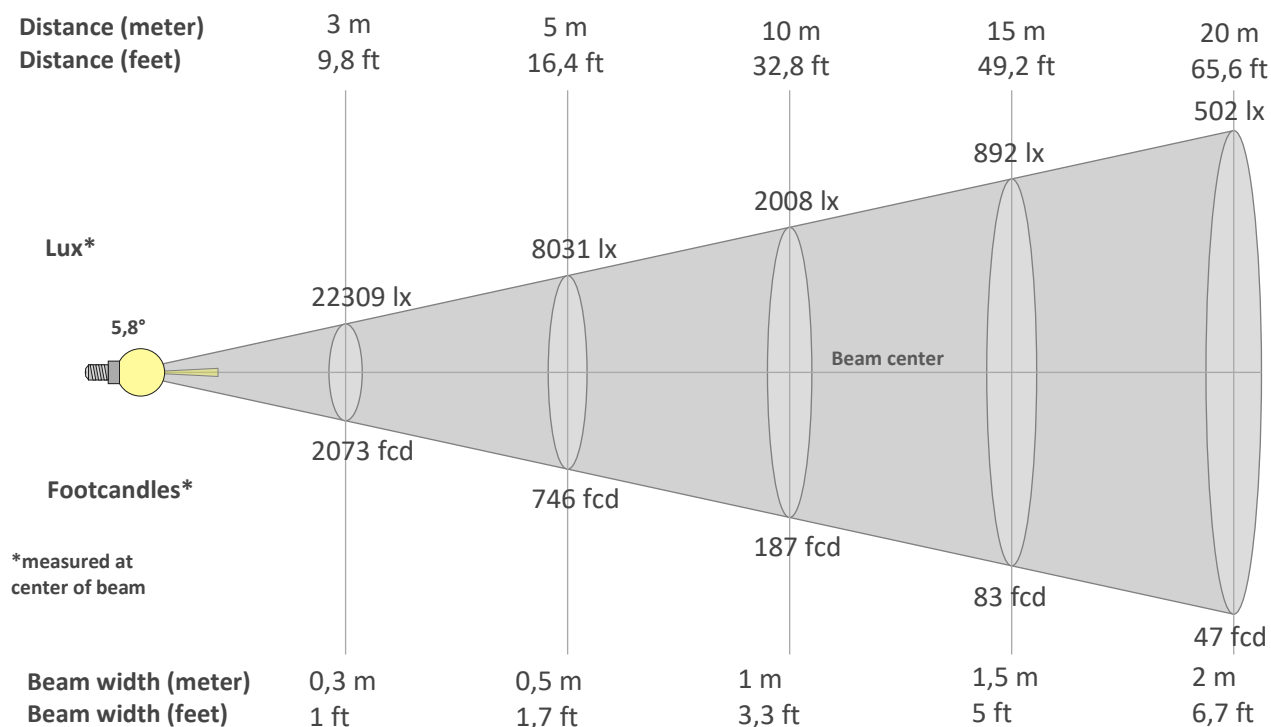
Cut off angle 2.5%: 6,4°

Spectra



BEAM DETAILS

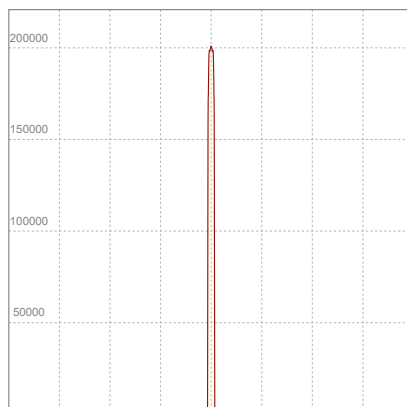
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,8°	6,3°	6,4°	100,0%	100,0%



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	200779lx	50195lx	22309lx	12549lx	8031lx	3569lx	2008lx	892lx	502lx	321lx	223lx	125lx	80lx
Footcand.	18653fcd	4663fcd	2073fcd	1166fcd	746fcd	332fcd	187fcd	83fcd	47fcd	30fcd	21fcd	12fcd	7fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2m	2,5m	3m	4,1m	5,1m
Beam wid.	0,3ft	0,7ft	1ft	1,3ft	1,7ft	2,5ft	3,3ft	5ft	6,7ft	8,3ft	10ft	13,3ft	16,6ft

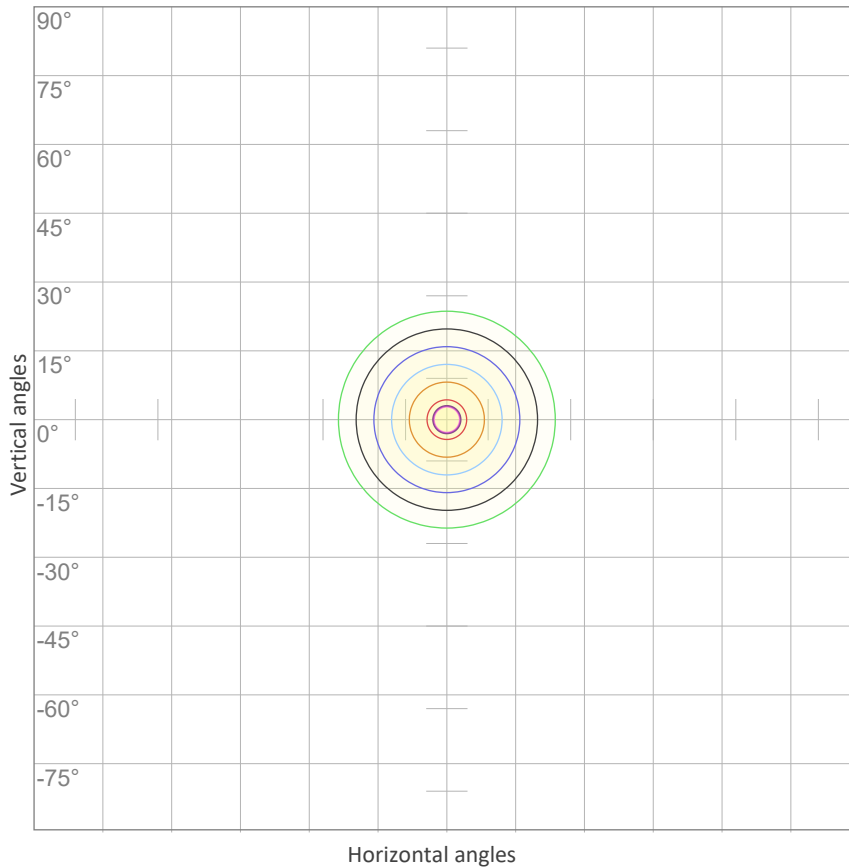
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	1,38A	280W	0,89	6lm/W

ISO CANDELA DIAGRAM



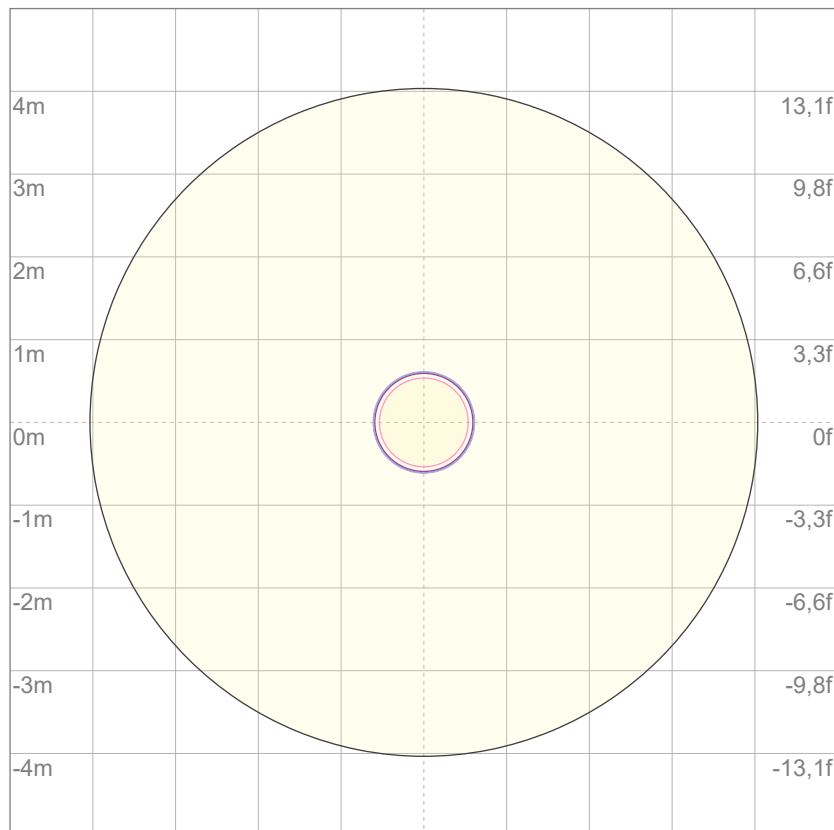
10%	20078 cd
20%	40156 cd
30%	60234 cd
40%	80312 cd
50%	100389 cd
60%	120467 cd
70%	140545 cd
80%	160623 cd
90%	180701 cd

Conditions:

Number of c-planes: 2

Candela at center: 200779 cd

ISO LUX DIAGRAM



3%	60,2 lx
5%	100 lx
10%	201 lx
30%	602 lx
50%	1004 lx

Conditions:

Number of c-planes: 2

Lux at center: 2008 lx

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



Total lumen output:

709 lm

Peak candela output:

1333 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

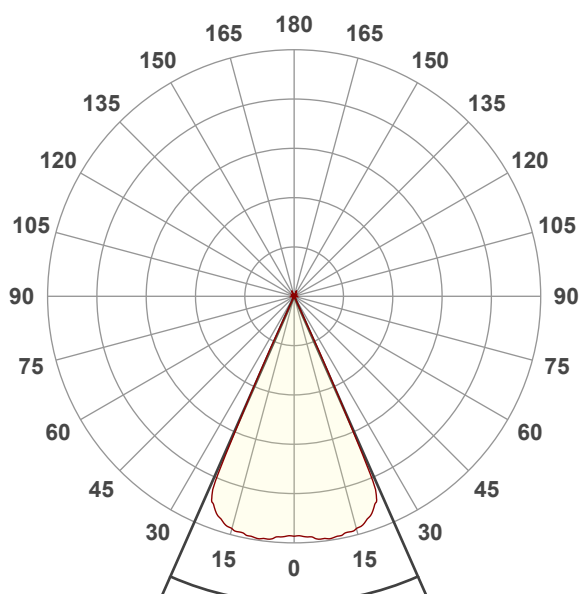
Blue - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:55:54

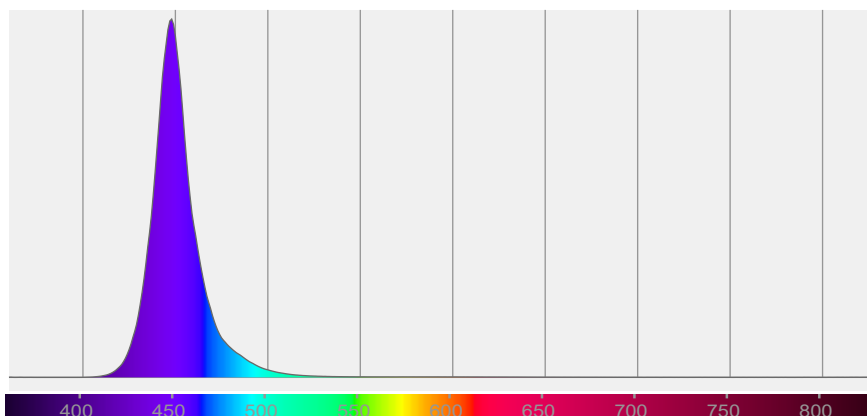


Beam angle 50%: 47,7°

Field angle 10%: 49,8°

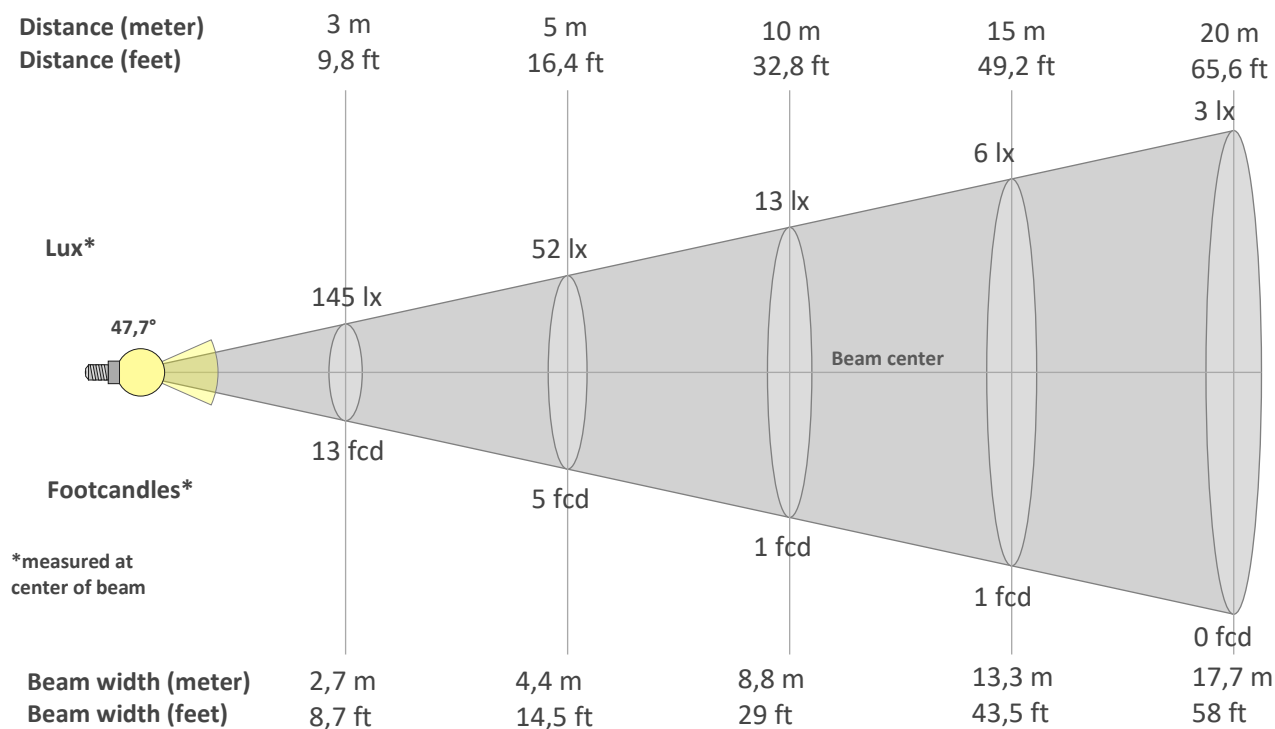
Cut off angle 2.5%: 50,2°

Spectra



BEAM DETAILS

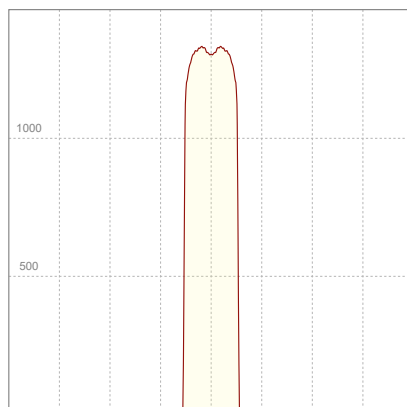
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,7°	49,8°	50,2°	98,2%	97,8%



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	1305lx	326lx	145lx	82lx	52lx	23lx	13lx	6lx	3lx	2lx	1lx	1lx	1lx
Footcand.	121fcd	30fcd	13fcd	8fcd	5fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,7m	3,5m	4,4m	6,6m	8,8m	13,3m	17,7m	22,1m	26,5m	35,3m	44,2m
Beam wid.	2,9ft	5,8ft	8,7ft	11,6ft	14,5ft	21,7ft	29ft	43,5ft	58ft	72,4ft	86,9ft	115,9ft	144,9ft

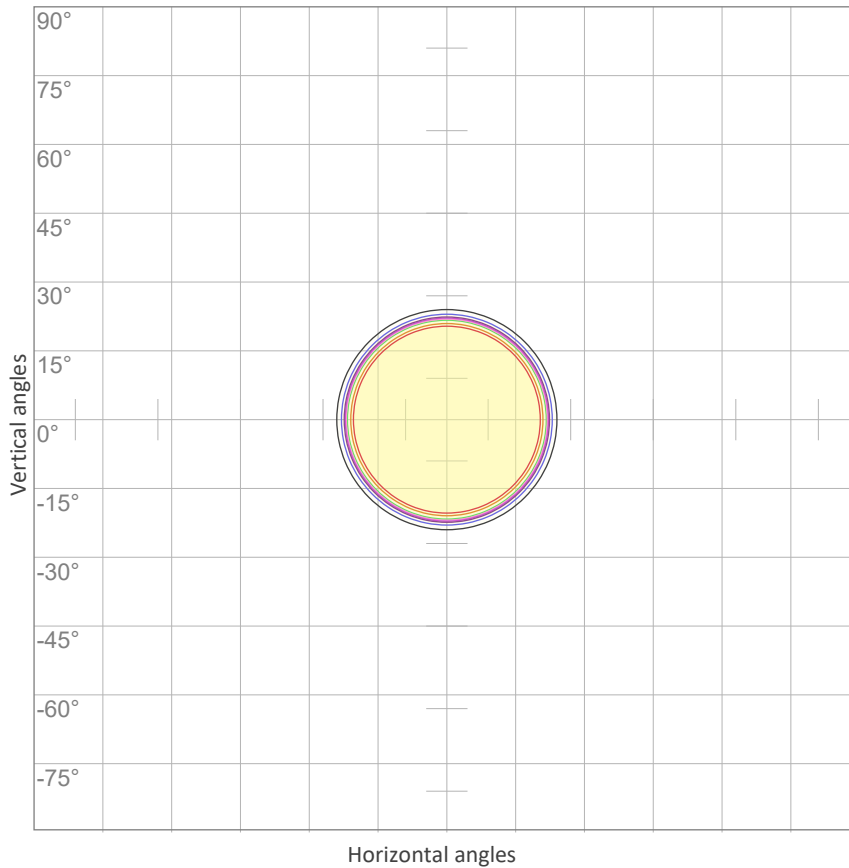
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	1,53A	315,7W	0,91	2lm/W

ISO CANDELA DIAGRAM



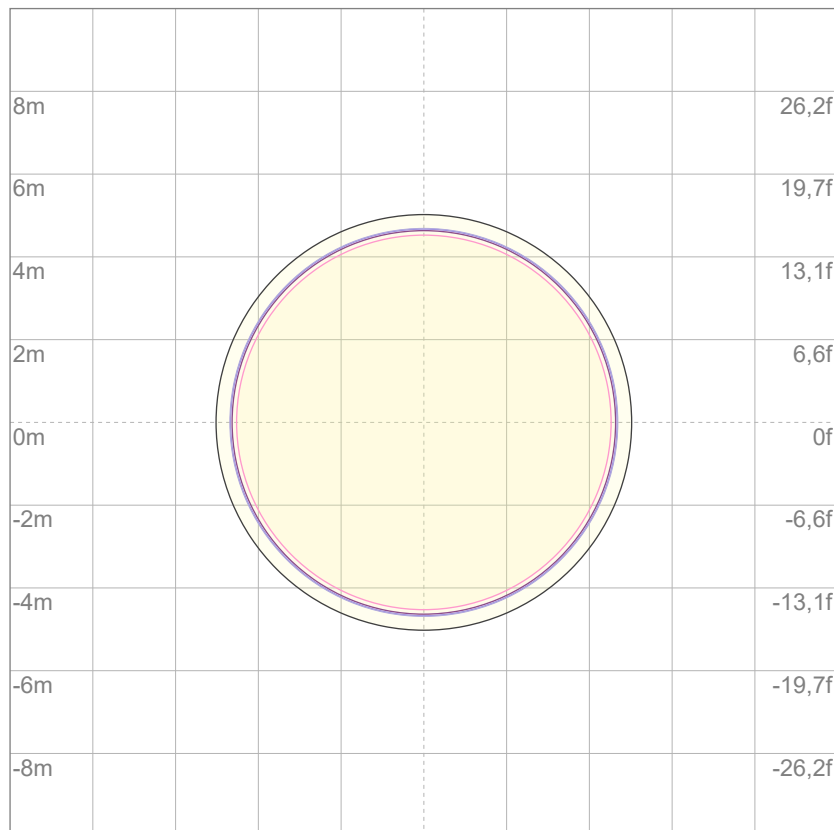
10%	130 cd
20%	261 cd
30%	391 cd
40%	522 cd
50%	652 cd
60%	783 cd
70%	913 cd
80%	1044 cd
90%	1174 cd

Conditions:

Number of c-planes: 2

Candela at center: 1305 cd

ISO LUX DIAGRAM



3%	0,391 lx
5%	0,652 lx
10%	1,30 lx
30%	3,91 lx
50%	6,52 lx

Conditions:

Number of c-planes: 2

Lux at center: 13,0 lx

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



Total lumen output:

720 lm

Peak candela output:

9162 cd

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

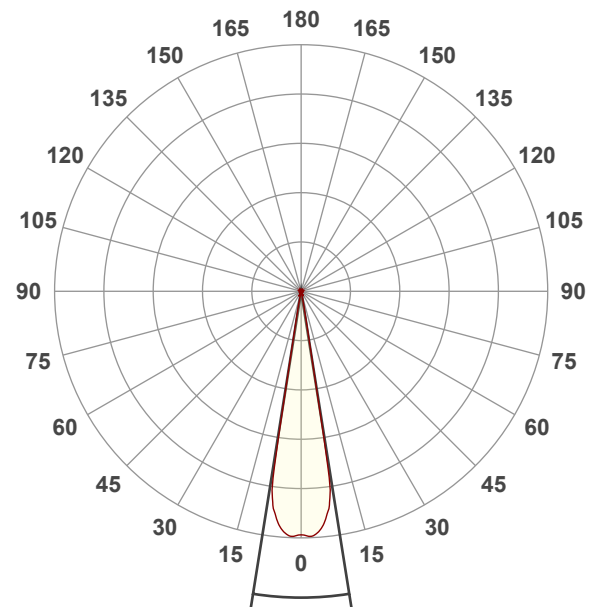
Blue - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:39:36

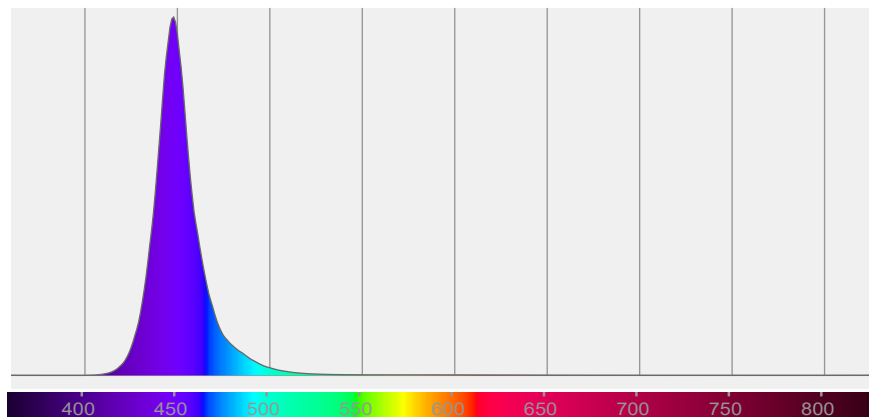


Beam angle 50%: 18,1°

Field angle 10%: 19,8°

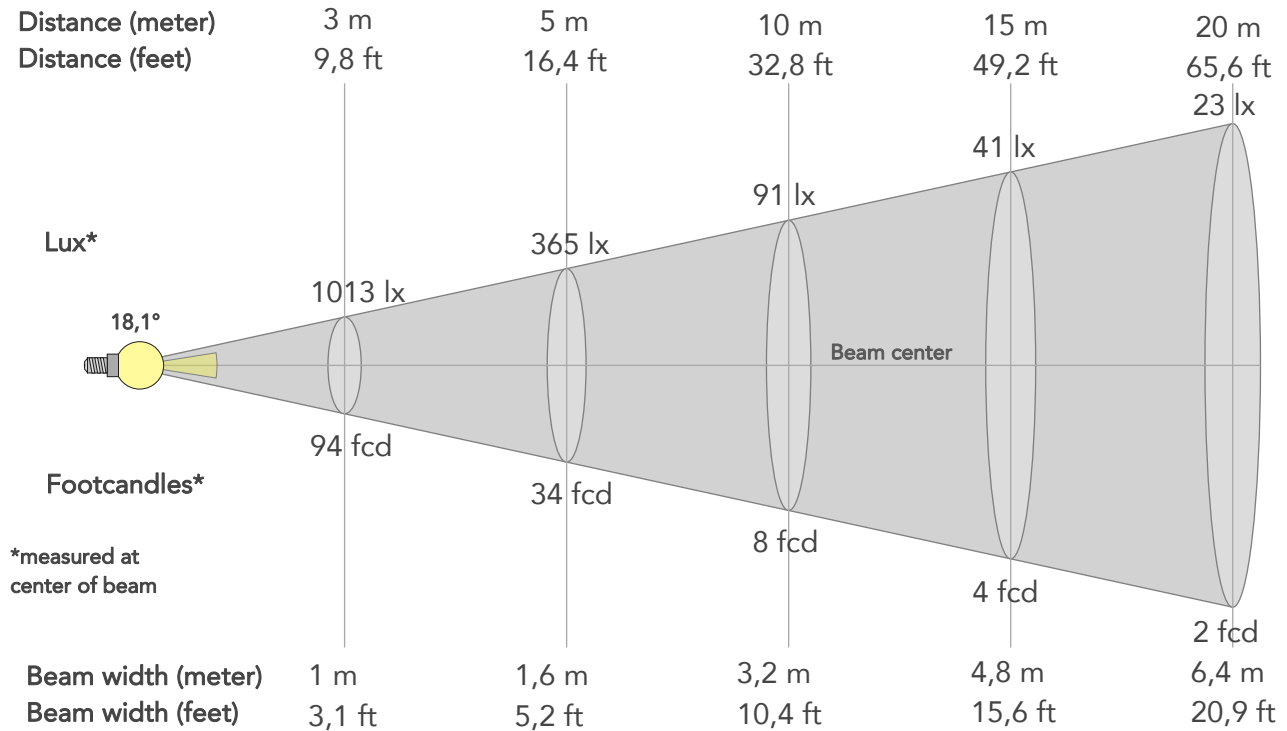
Cut off angle 2.5%: 20,9°

Spectra



BEAM DETAILS

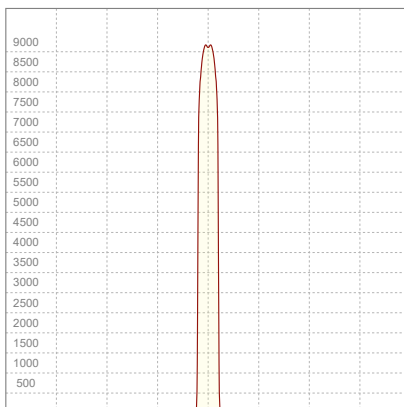
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	19,8°	20,9°	96,3%	95,5%



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	9113lx	2278lx	1013lx	570lx	365lx	162lx	91lx	41lx	23lx	15lx	10lx	6lx	4lx
Footcand.	847fcd	212fcd	94fcd	53fcd	34fcd	15fcd	8fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,5m	12,7m	15,9m
Beam wid.	1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,8ft	10,4ft	15,6ft	20,9ft	26,1ft	31,3ft	41,7ft	52,2ft

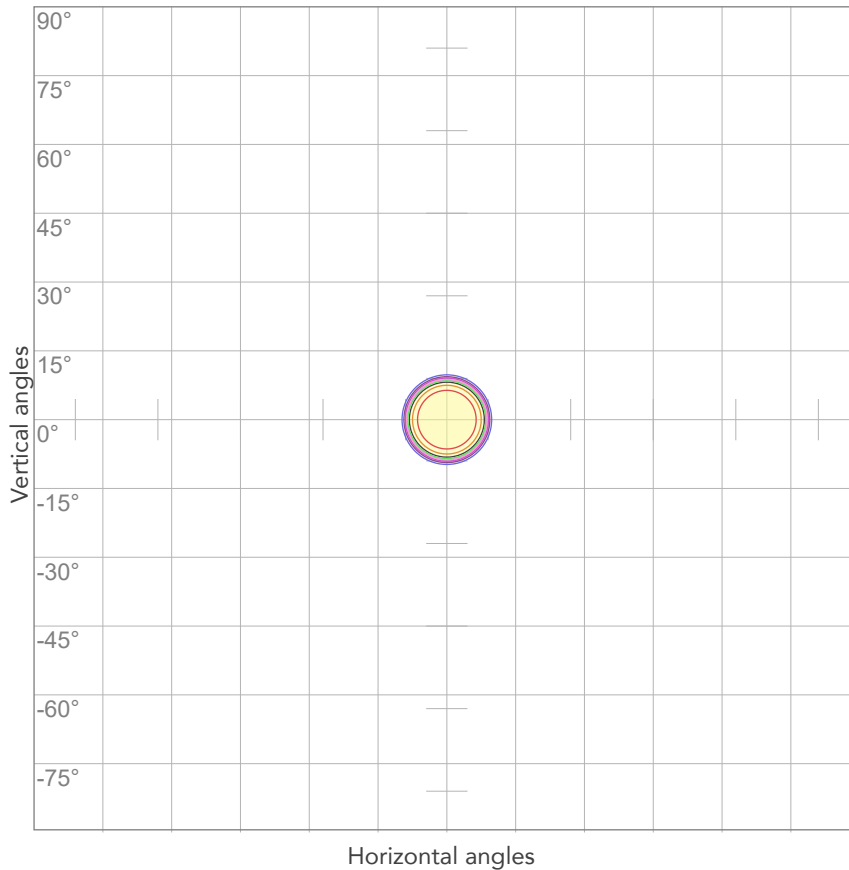
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	1,53A	315,9W	0,91	2lm/W

ISO CANDELA DIAGRAM



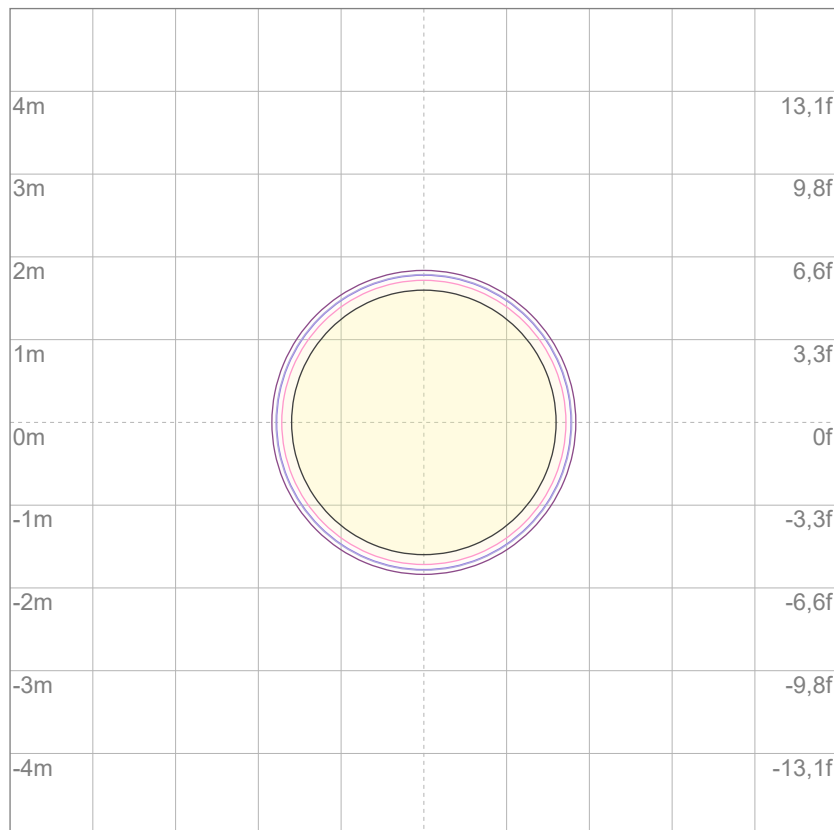
10%	911 cd
20%	1823 cd
30%	2734 cd
40%	3645 cd
50%	4557 cd
60%	5468 cd
70%	6379 cd
80%	7291 cd

Conditions:

Number of c-planes: 2

Candela at center: 9113 cd

ISO LUX DIAGRAM



3%	2,73 lx
5%	4,56 lx
10%	9,11 lx
30%	27,3 lx
50%	45,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 91,1 lx

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



Total lumen output:

1182 lm

Peak candela output:

51225 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

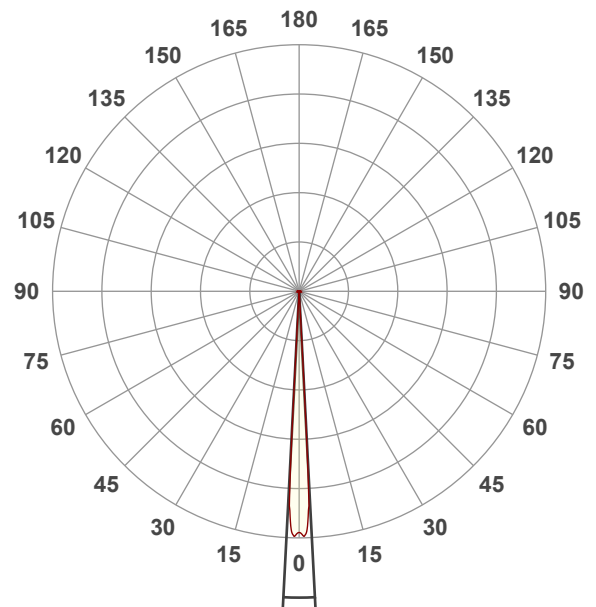
Blue - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 16:25:41

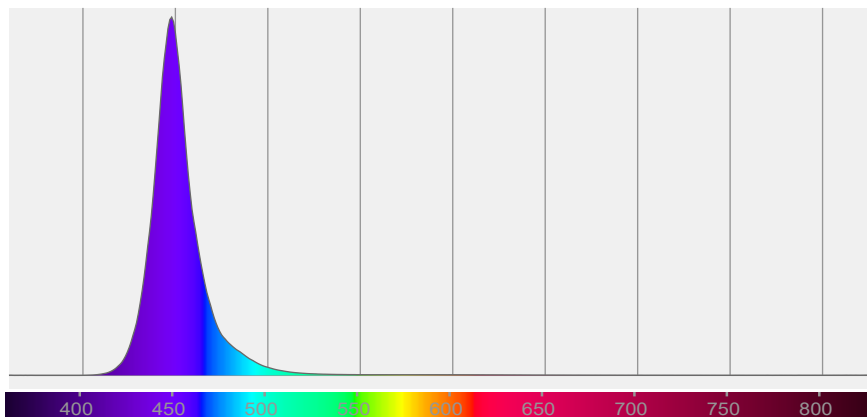


Beam angle 50%: 5,9°

Field angle 10%: 6,3°

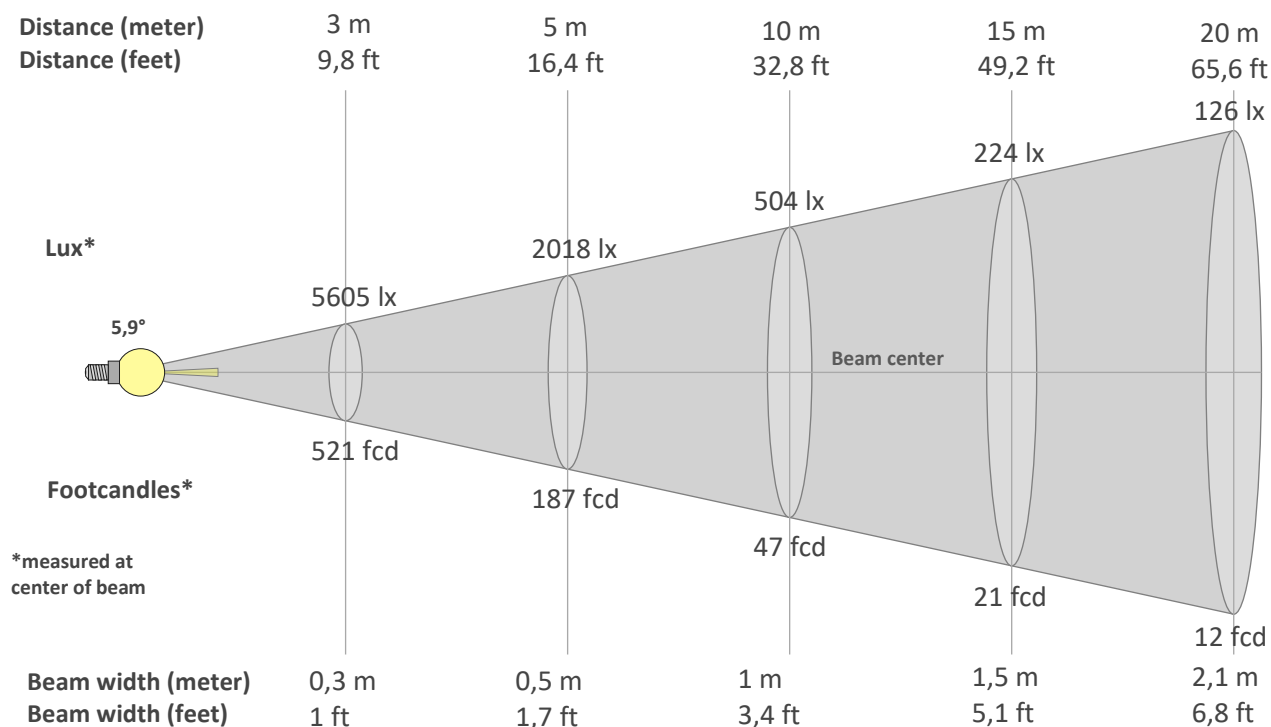
Cut off angle 2.5%: 6,7°

Spectra



BEAM DETAILS

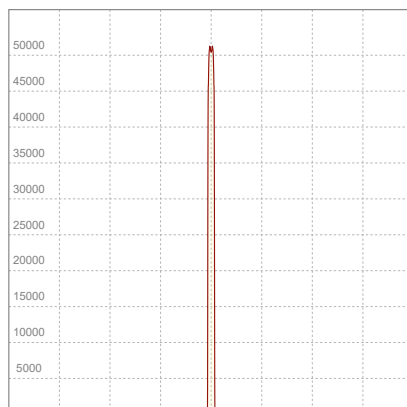
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	6,3°	6,7°	67,2%	53,8%



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	50445lx	12611lx	5605lx	3153lx	2018lx	897lx	504lx	224lx	126lx	81lx	56lx	32lx	20lx
Footcand.	4687fcd	1172fcd	521fcd	293fcd	187fcd	83fcd	47fcd	21fcd	12fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2,1m	2,6m	3,1m	4,1m	5,2m
Beam wid.	0,3ft	0,7ft	1ft	1,4ft	1,7ft	2,5ft	3,4ft	5,1ft	6,8ft	8,5ft	10,1ft	13,5ft	16,9ft

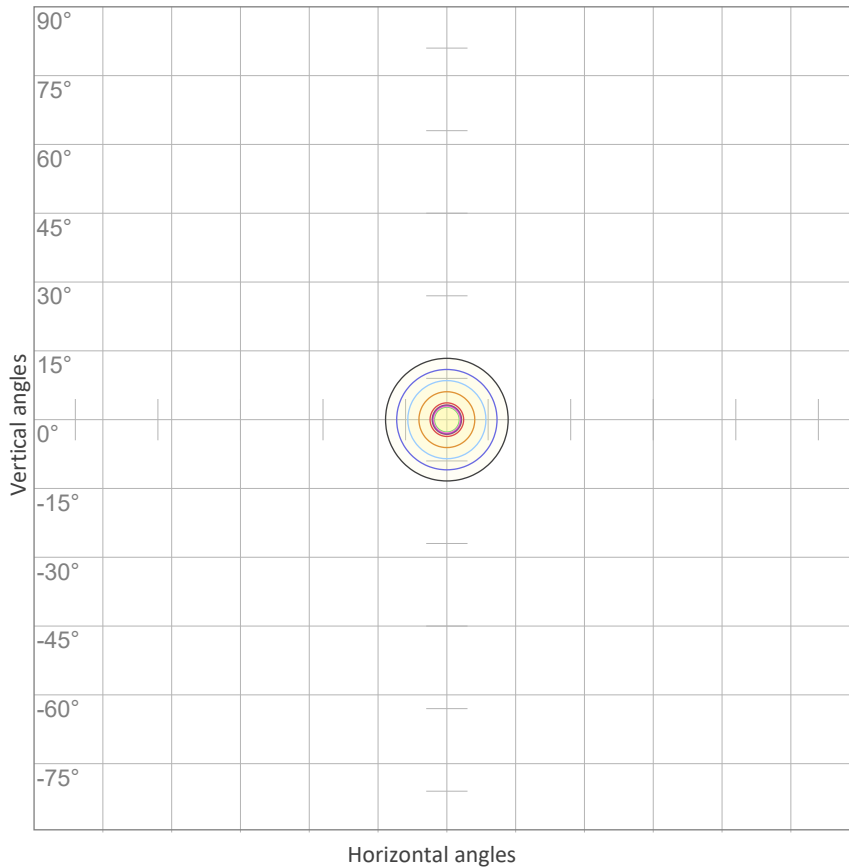
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	1,52A	314,1W	0,91	4lm/W

ISO CANDELA DIAGRAM



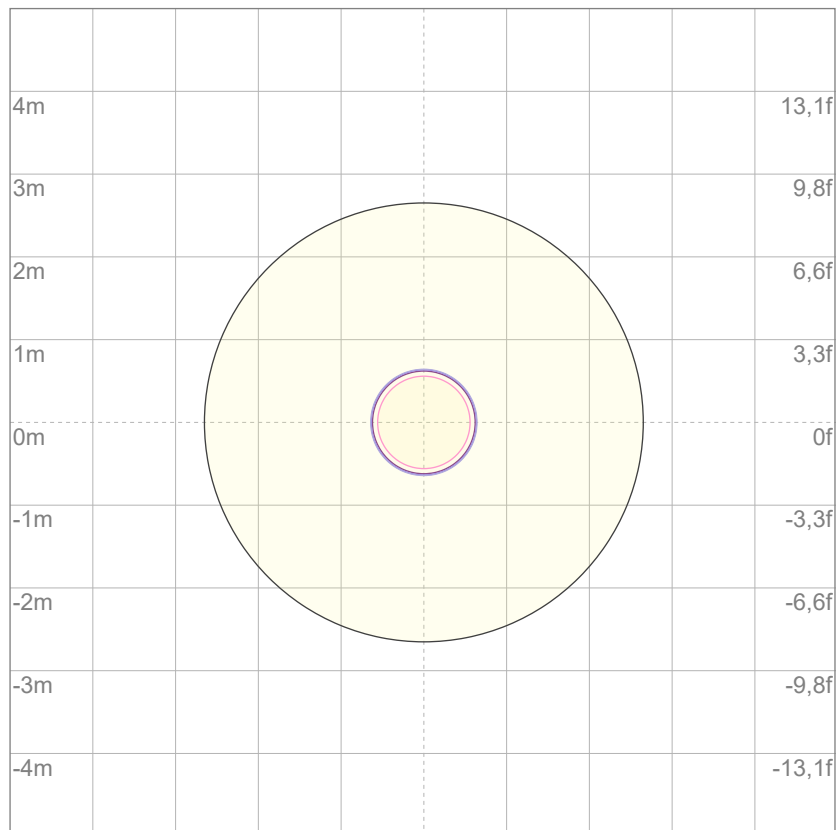
10%	5045 cd
20%	10089 cd
30%	15134 cd
40%	20178 cd
50%	25223 cd
60%	30267 cd
70%	35312 cd
80%	40356 cd
90%	45401 cd

Conditions:

Number of c-planes: 2

Candela at center: 50445 cd

ISO LUX DIAGRAM



3%	15,1 lx
5%	25,2 lx
10%	50,4 lx
30%	151 lx
50%	252 lx

Conditions:

Number of c-planes: 2

Lux at center: 504 lx

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



Total lumen output:

1553 lm

Peak candela output:

2915 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

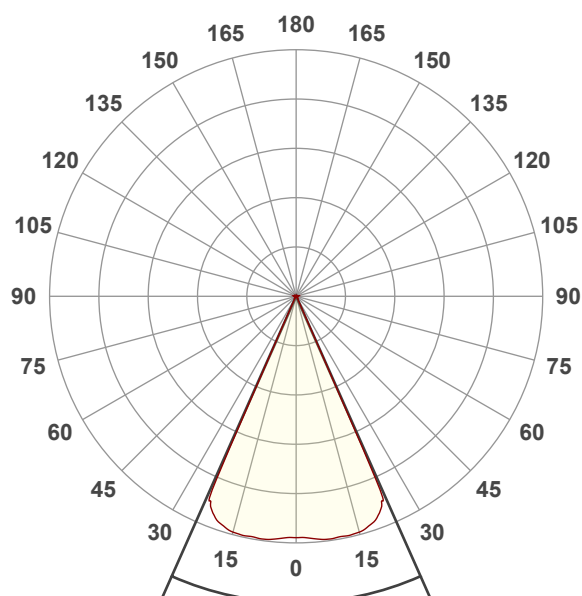
Cyan - HQ

Operator:

Giuseppe della Peruta

Date and time:

15/09/2025 14:57:40

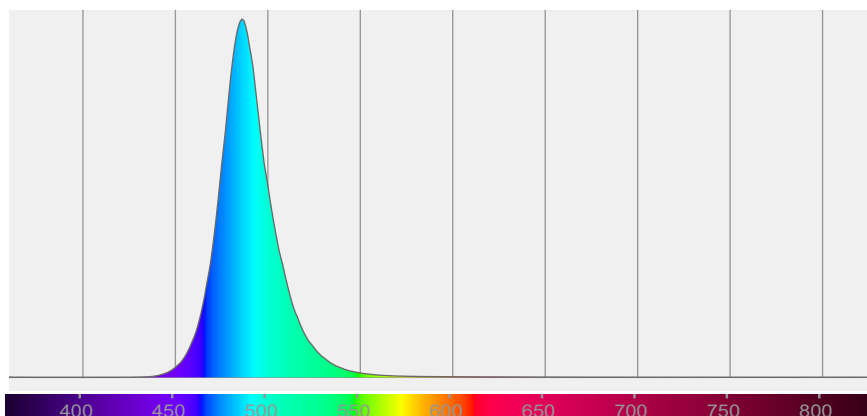


Beam angle 50%: 47,9°

Field angle 10%: 49°

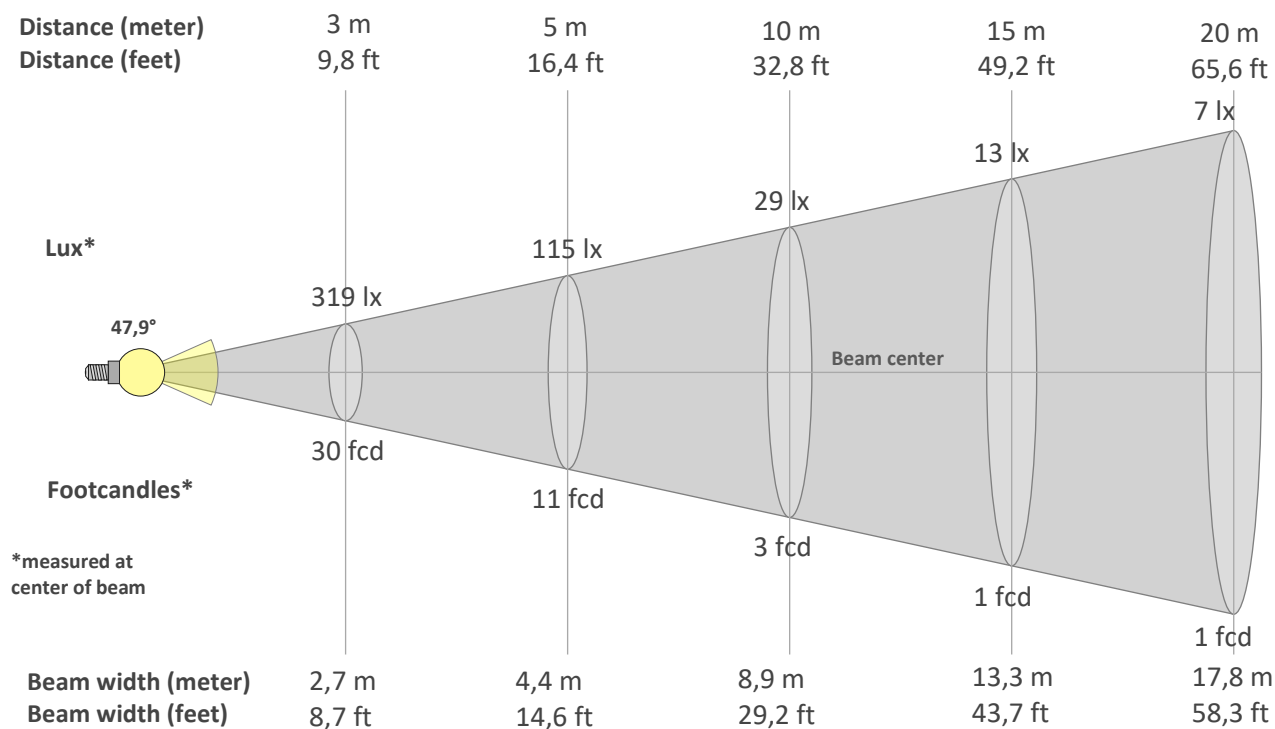
Cut off angle 2.5%: 50,5°

Spectra



BEAM DETAILS

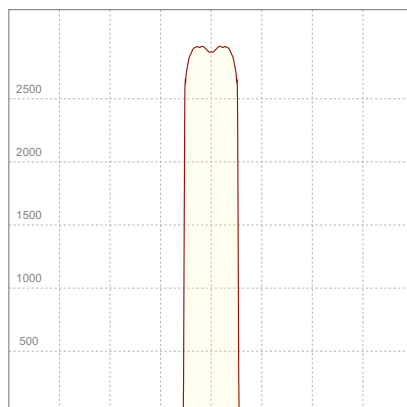
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,9°	49°	50,5°	99,6%	99,5%



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	2870lx	718lx	319lx	179lx	115lx	51lx	29lx	13lx	7lx	5lx	3lx	2lx	1lx
Footcand.	267fcd	67fcd	30fcd	17fcd	11fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,7m	3,6m	4,4m	6,7m	8,9m	13,3m	17,8m	22,2m	26,7m	35,6m	44,4m
Beam wid.	2,9ft	5,9ft	8,7ft	11,6ft	14,6ft	21,9ft	29,2ft	43,7ft	58,3ft	72,9ft	87,5ft	116,6ft	145,8ft

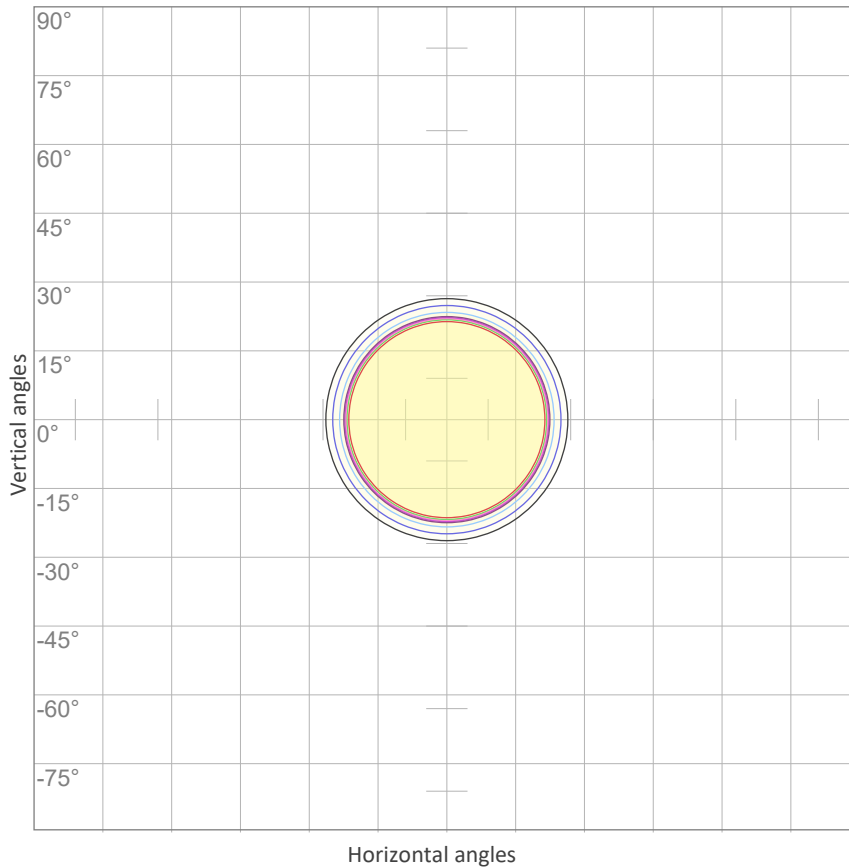
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	1,45A	297,2W	0,9	5lm/W

ISO CANDELA DIAGRAM



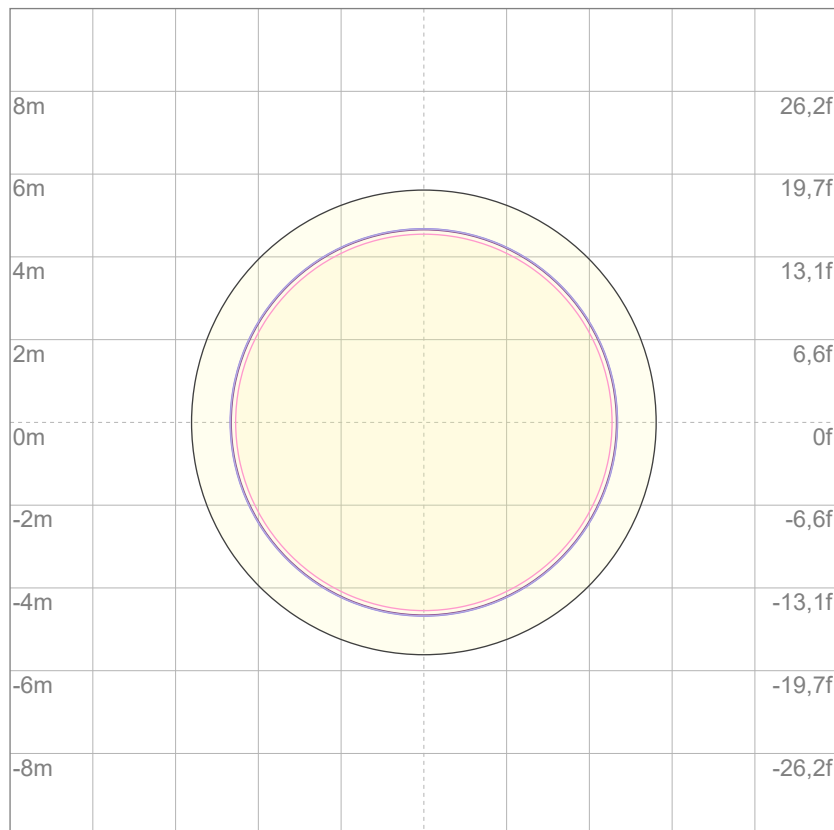
10%	287 cd
20%	574 cd
30%	861 cd
40%	1148 cd
50%	1435 cd
60%	1722 cd
70%	2009 cd
80%	2296 cd
90%	2583 cd

Conditions:

Number of c-planes: 2

Candela at center: 2870 cd

ISO LUX DIAGRAM



3%	0,861 lx
5%	1,44 lx
10%	2,87 lx
30%	8,61 lx
50%	14,4 lx

Conditions:

Number of c-planes: 2

Lux at center: 28,7 lx

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



Total lumen output:

1534 lm

Peak candela output:

20302 cd

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

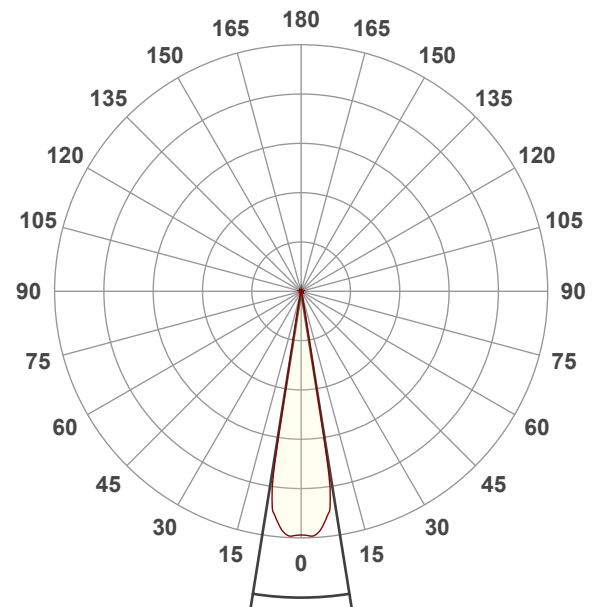
Cyan - HQ

Operator:

Giuseppe della Peruta

Date and time:

15/09/2025 14:43:59

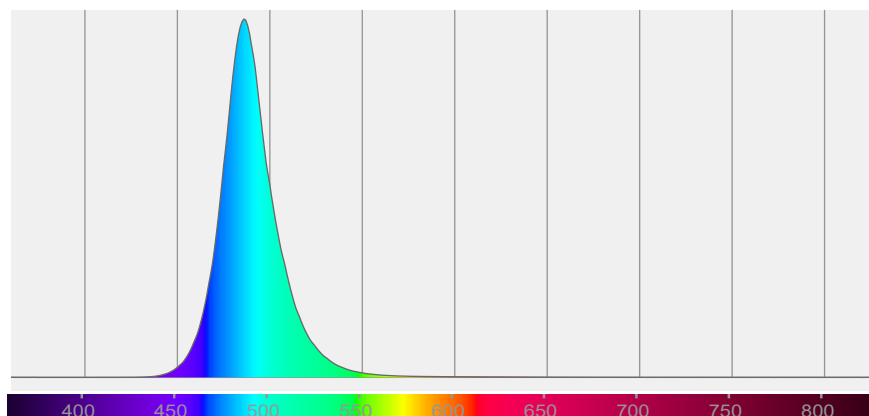


Beam angle 50%: 18,1°

Field angle 10%: 19,7°

Cut off angle 2.5%: 21°

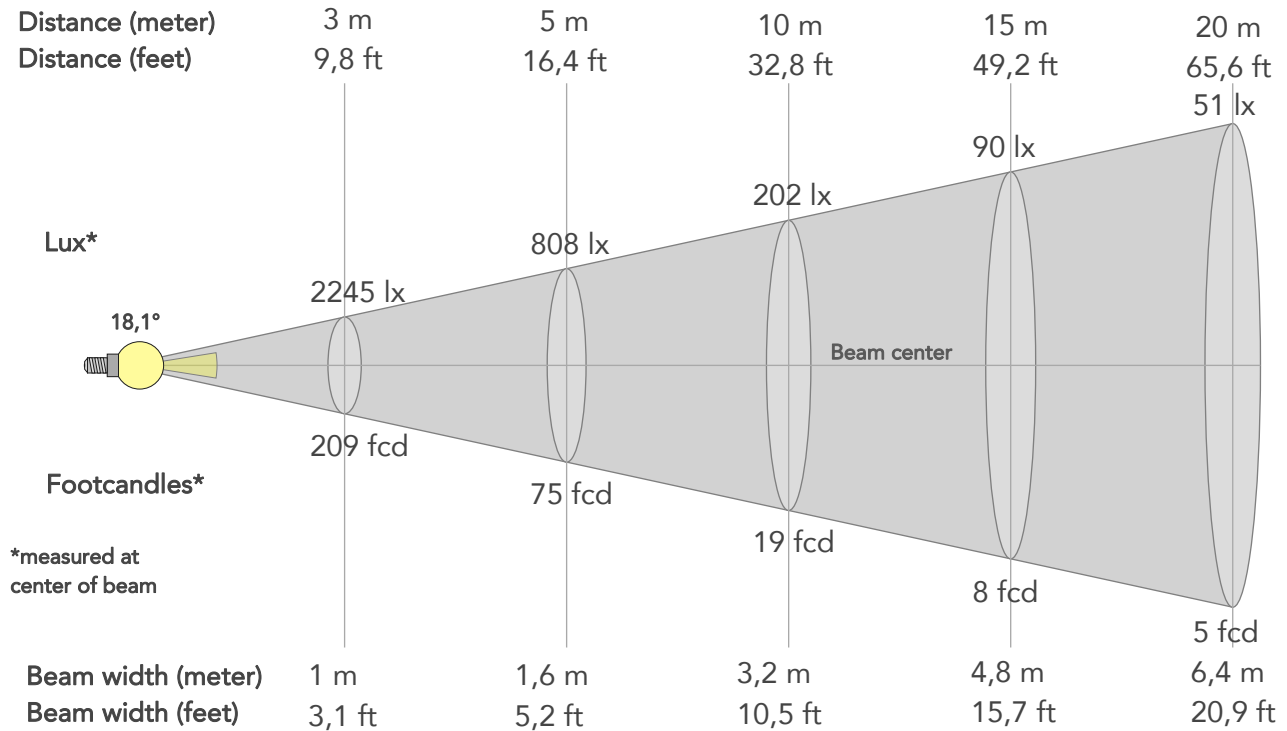
Spectra



BEAM DETAILS



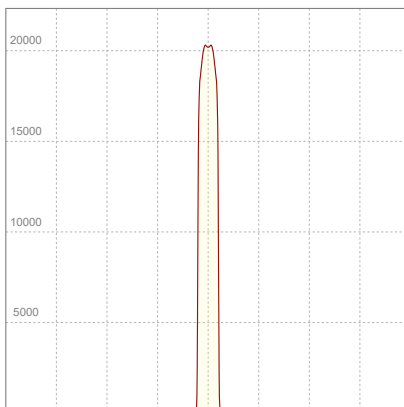
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	19,7°	21°	99,4%	99,3%



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	20201lx	5050lx	2245lx	1263lx	808lx	359lx	202lx	90lx	51lx	32lx	22lx	13lx	8lx
Footcand.	1877fcd	469fcd	209fcd	117fcd	75fcd	33fcd	19fcd	8fcd	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	7,8ft	10,5ft	15,7ft	20,9ft	26,2ft	31,4ft	41,9ft	52,3ft

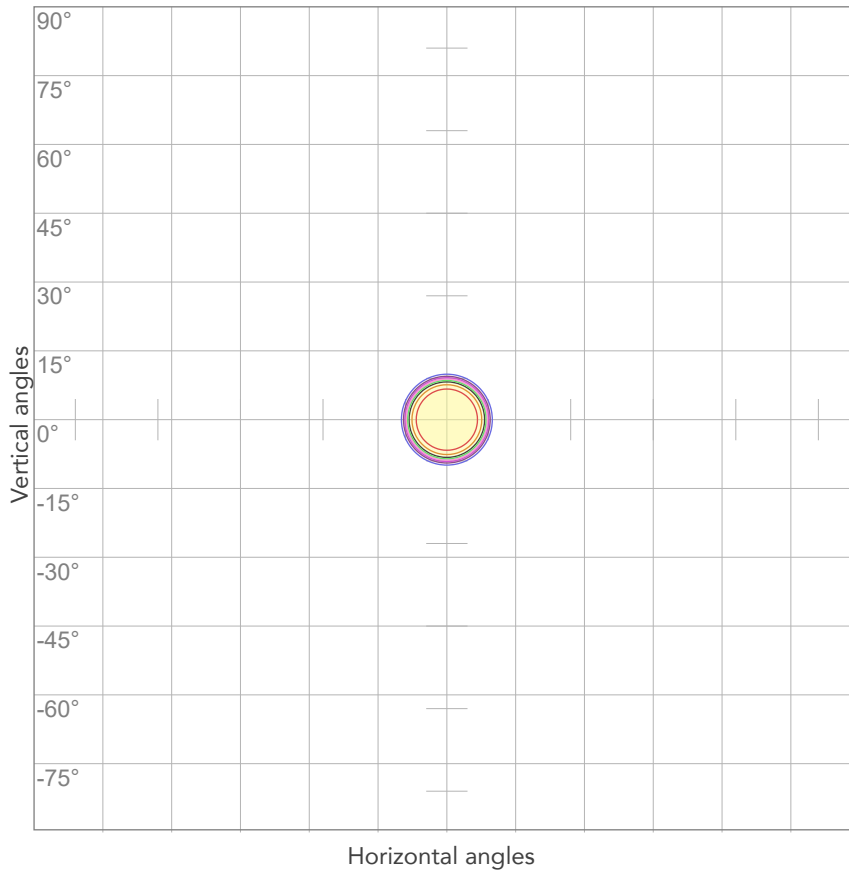
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	1,46A	299,9W	0,9	5lm/W

ISO CANDELA DIAGRAM



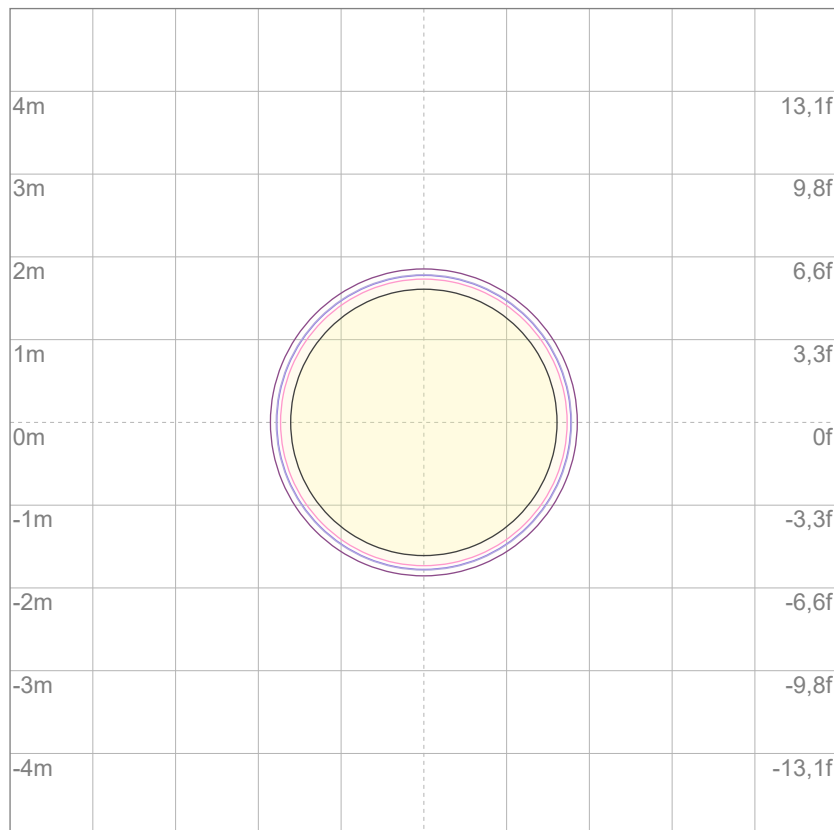
10%	2020 cd
20%	4040 cd
30%	6060 cd
40%	8080 cd
50%	10100 cd
60%	12120 cd
70%	14140 cd
80%	16161 cd

Conditions:

Number of c-planes: 2

Candela at center: 20201 cd

ISO LUX DIAGRAM



3%	6,06 lx
5%	10,1 lx
10%	20,2 lx
30%	60,6 lx
50%	101 lx

Conditions:

Number of c-planes: 2

Lux at center: 202 lx

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



Total lumen output:

1456 lm

Peak candela output:

120040 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

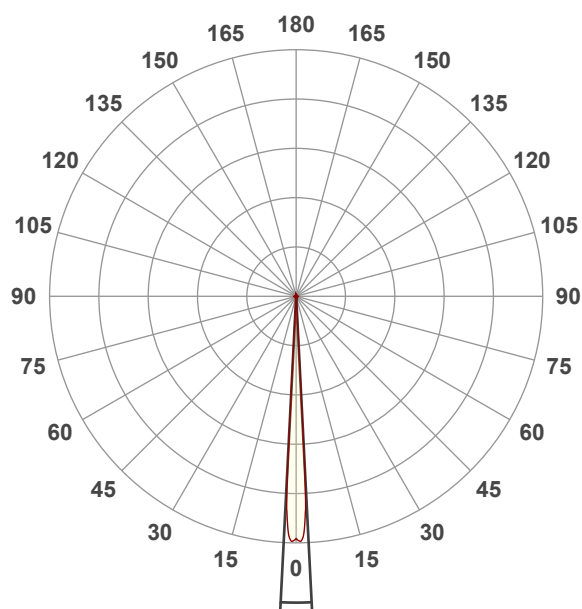
Cyan - HQ

Operator:

Giuseppe della Peruta

Date and time:

15/09/2025 14:24:33

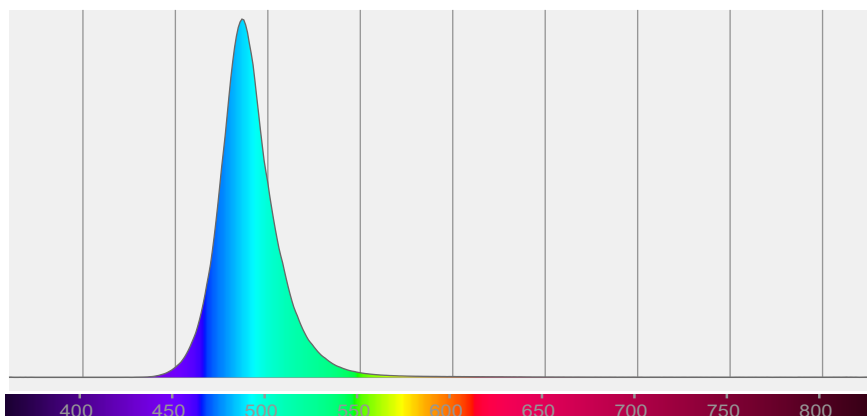


Beam angle 50%: 5,8°

Field angle 10%: 6,2°

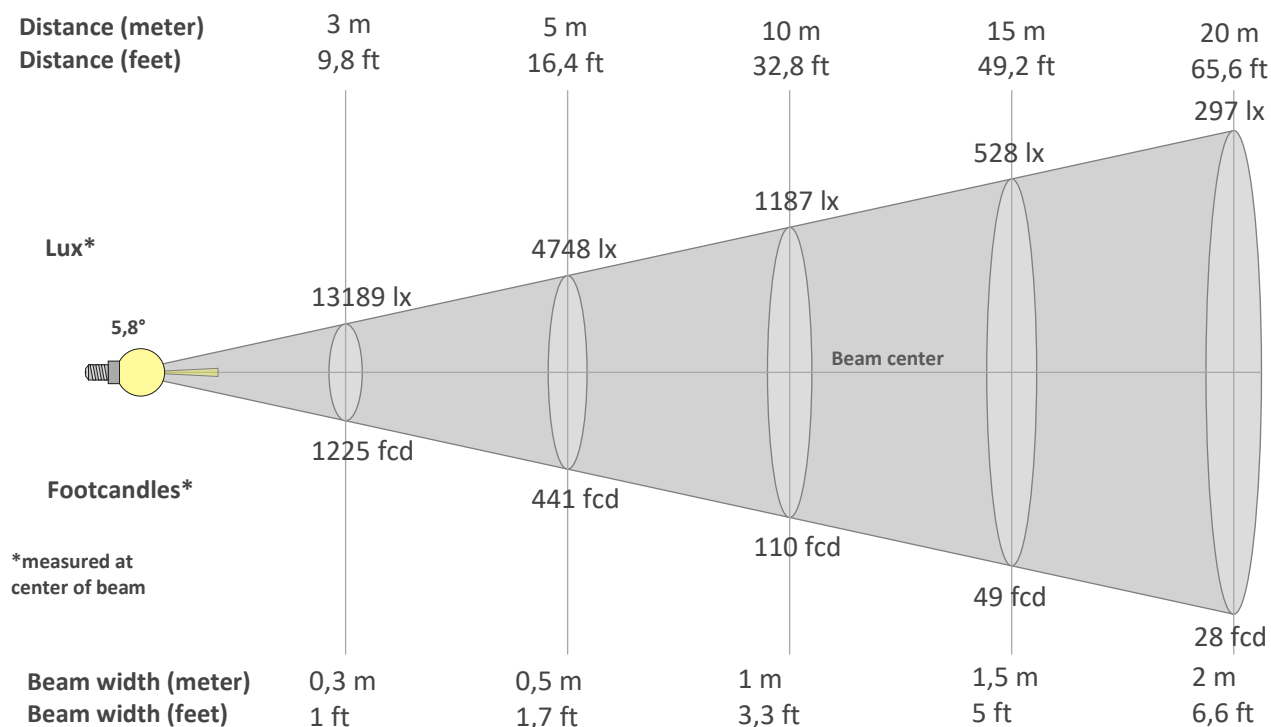
Cut off angle 2.5%: 6,4°

Spectra



BEAM DETAILS

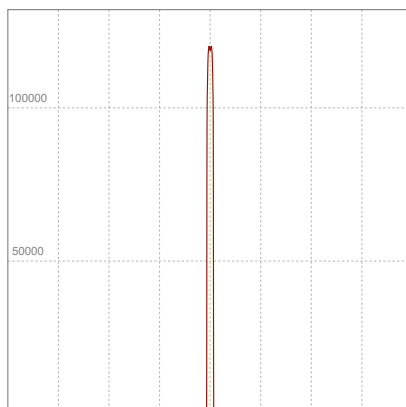
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,8°	6,2°	6,4°	81,4%	73,8%



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	118704lx	29676lx	13189lx	7419lx	4748lx	2110lx	1187lx	528lx	297lx	190lx	132lx	74lx	47lx
Footcand.	11028fcd	2757fcd	1225fcd	689fcd	441fcd	196fcd	110fcd	49fcd	28fcd	18fcd	12fcd	7fcd	4fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2m	2,5m	3m	4,1m	5,1m
Beam wid.	0,3ft	0,7ft	1ft	1,3ft	1,7ft	2,5ft	3,3ft	5ft	6,6ft	8,3ft	10ft	13,3ft	16,6ft

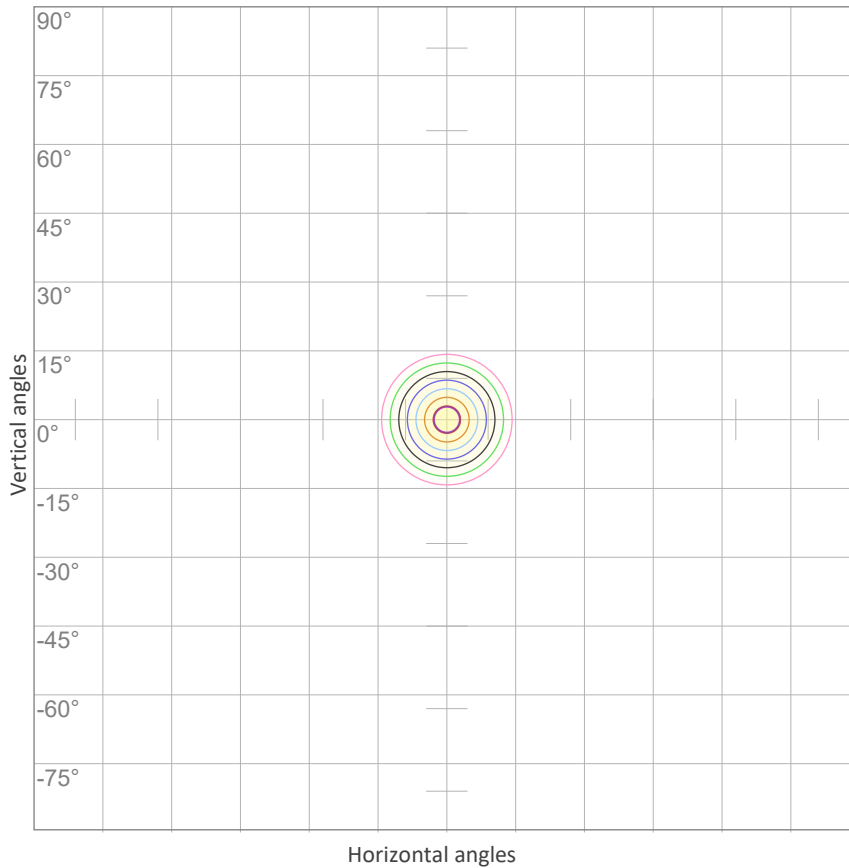
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	1,46A	299,1W	0,9	5lm/W

ISO CANDELA DIAGRAM



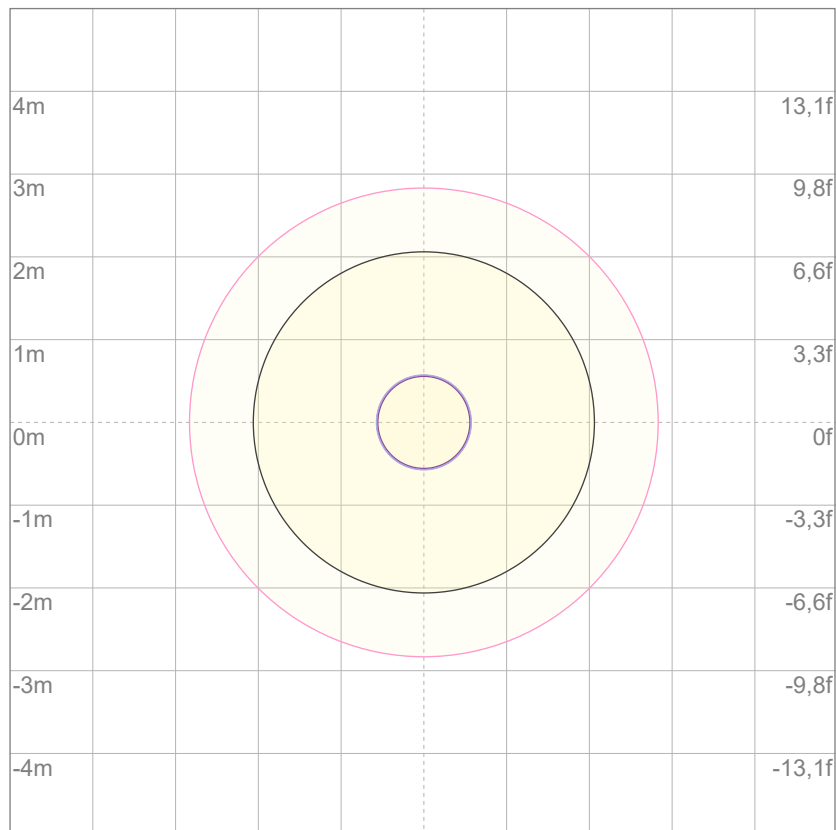
10%	11870 cd
20%	23741 cd
30%	35611 cd
40%	47482 cd
50%	59352 cd
60%	71222 cd
70%	83093 cd
80%	94963 cd
90%	106833 cd

Conditions:

Number of c-planes: 2

Candela at center: 118704 cd

ISO LUX DIAGRAM



3%	35,6 lx
5%	59,4 lx
10%	119 lx
30%	356 lx
50%	594 lx

Conditions:

Number of c-planes: 2

Lux at center: 1187 lx

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



Total lumen output:

3867 lm

Peak candela output:

7410 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

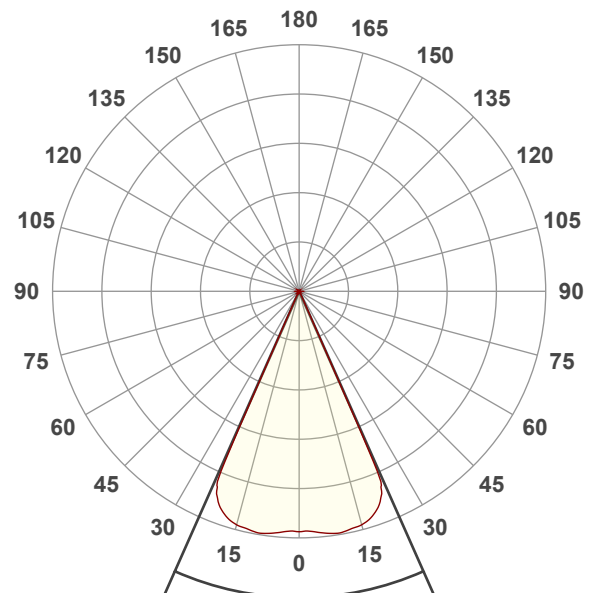
Amber - HQ

Operator:

Giuseppe della Peruta

Date and time:

15/09/2025 14:54:29

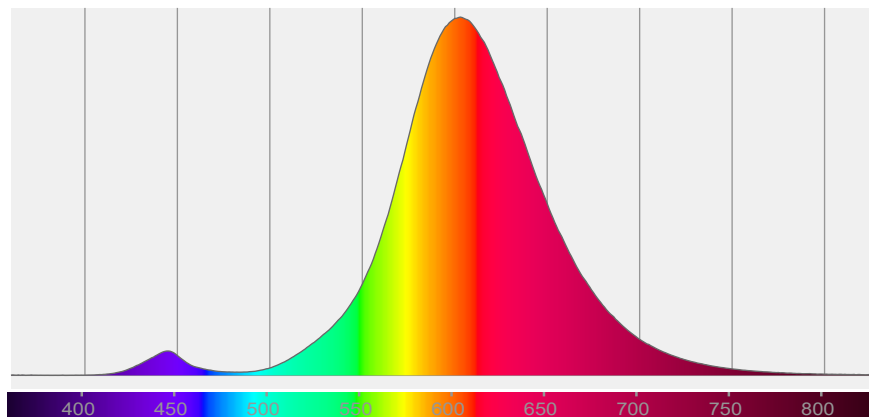


Beam angle 50%: 47,9°

Field angle 10%: 49,1°

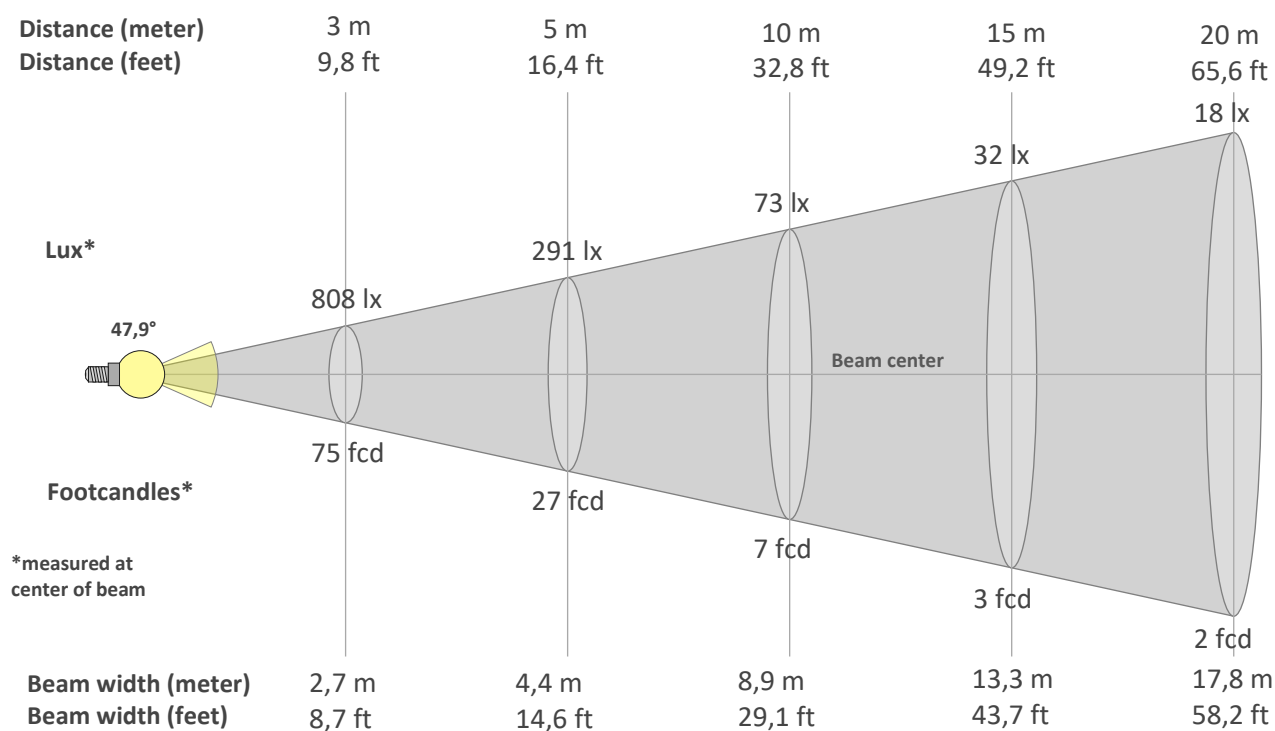
Cut off angle 2.5%: 50,5°

Spectra



BEAM DETAILS

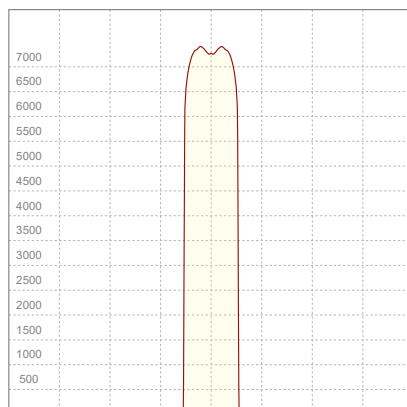
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,9°	49,1°	50,5°	99,8%	99,8%



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	7268lx	1817lx	808lx	454lx	291lx	129lx	73lx	32lx	18lx	12lx	8lx	5lx	3lx
Footcand.	675fcd	169fcd	75fcd	42fcd	27fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,7m	3,6m	4,4m	6,7m	8,9m	13,3m	17,8m	22,2m	26,6m	35,5m	44,4m
Beam wid.	2,9ft	5,9ft	8,7ft	11,6ft	14,6ft	21,8ft	29,1ft	43,7ft	58,2ft	72,8ft	87,4ft	116,5ft	145,6ft

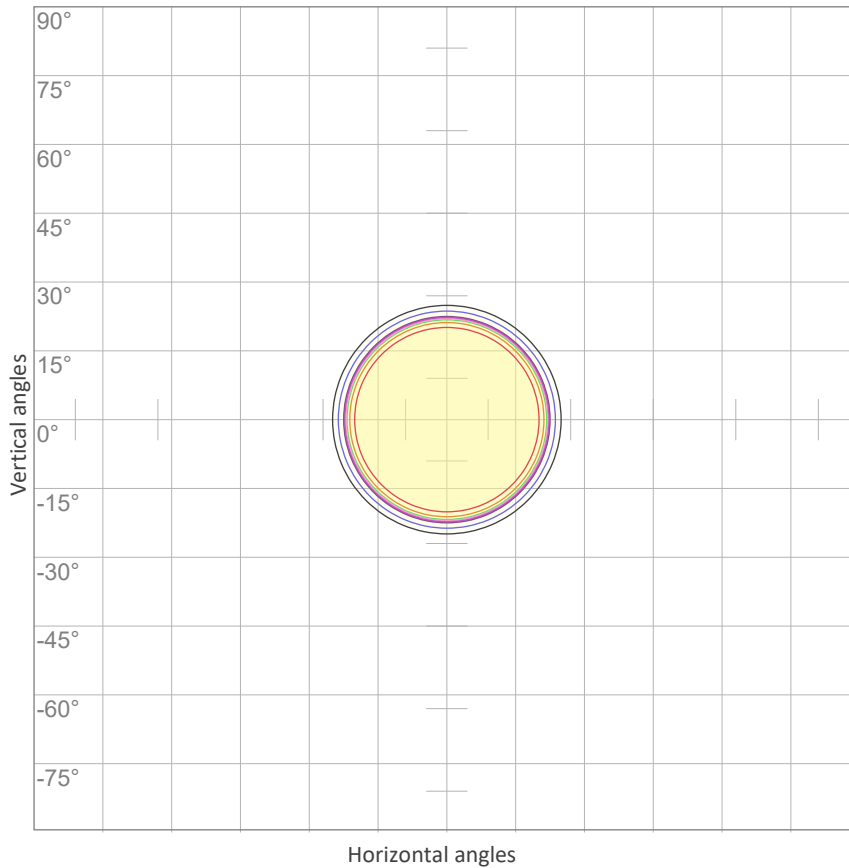
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	1,58A	329,8W	0,91	12lm/W

ISO CANDELA DIAGRAM



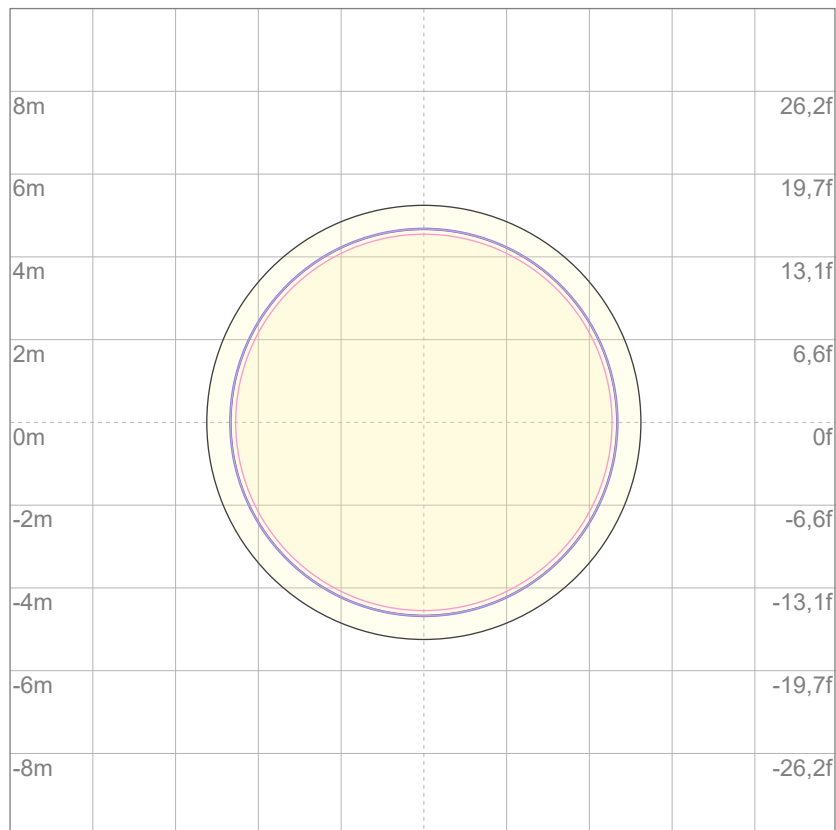
10%	727 cd
20%	1454 cd
30%	2180 cd
40%	2907 cd
50%	3634 cd
60%	4361 cd
70%	5087 cd
80%	5814 cd
90%	6541 cd

Conditions:

Number of c-planes: 2

Candela at center: 7268 cd

ISO LUX DIAGRAM



3%	2,18 lx
5%	3,63 lx
10%	7,27 lx
30%	21,8 lx
50%	36,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 72,7 lx

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



Total lumen output:

3857 lm

Peak candela output:

51460 cd

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

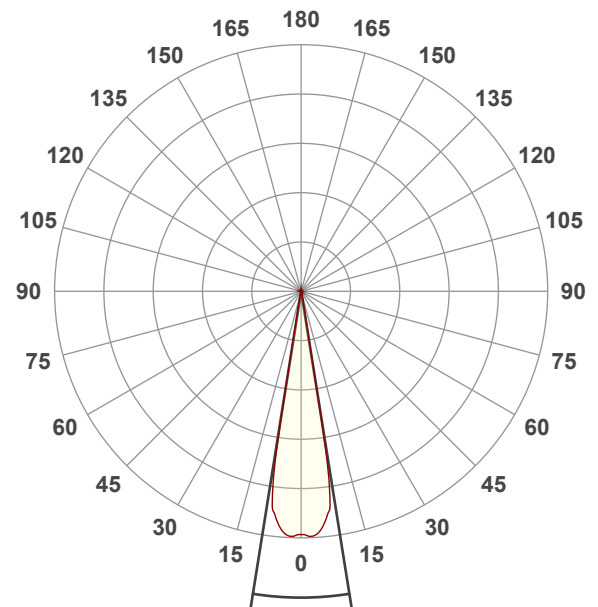
Amber - HQ

Operator:

Giuseppe della Peruta

Date and time:

15/09/2025 14:46:09

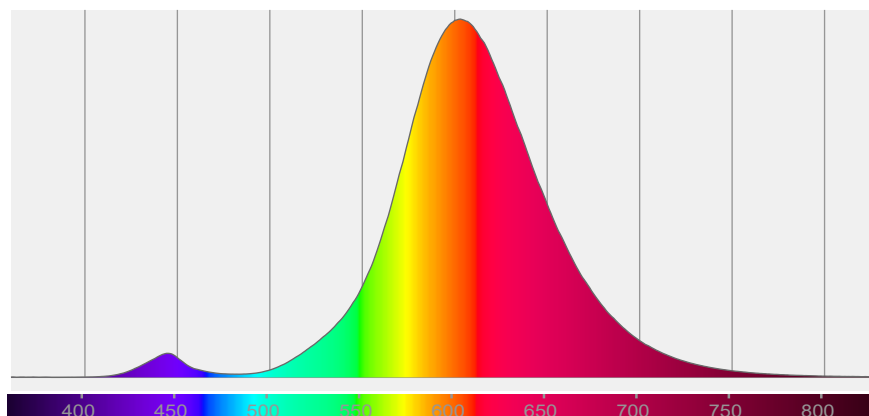


Beam angle 50%: 18,1°

Field angle 10%: 19,5°

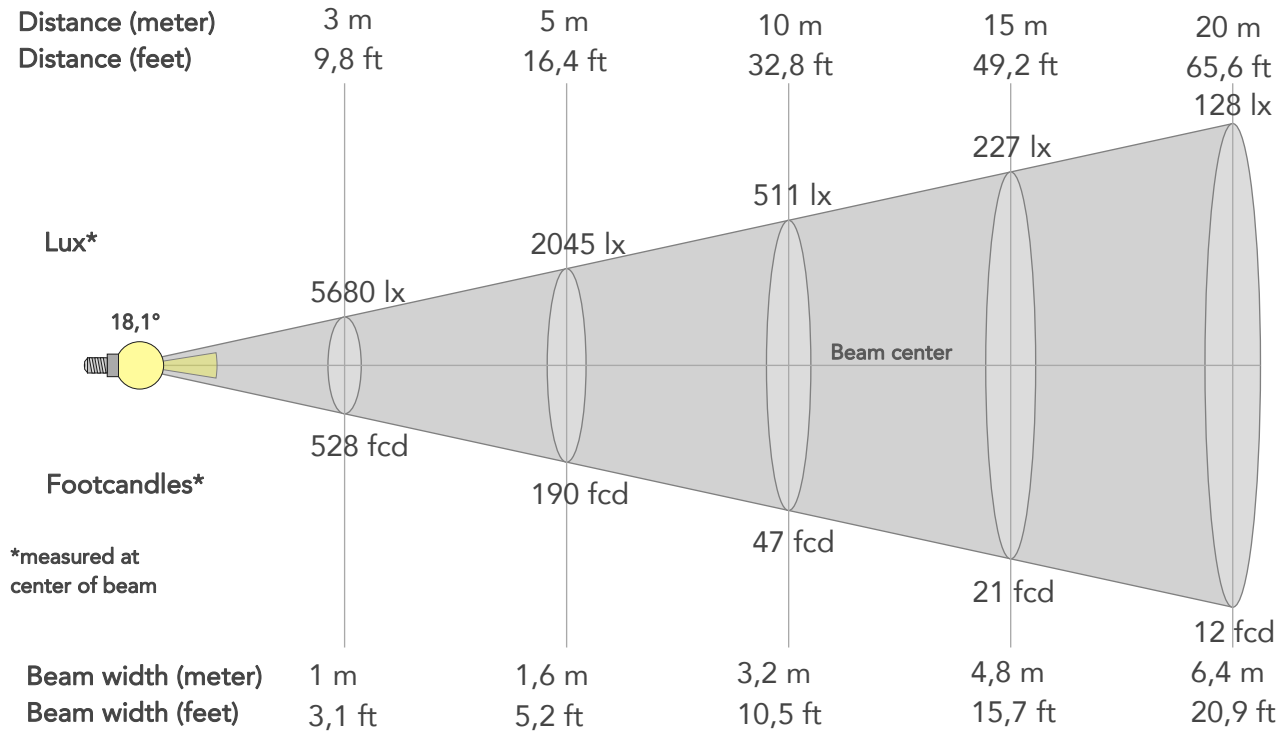
Cut off angle 2.5%: 21°

Spectra



BEAM DETAILS

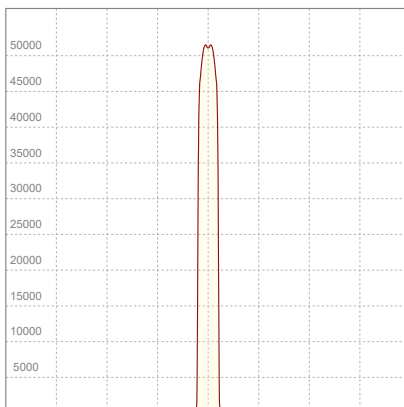
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	19,5°	21°	99,7%	99,5%



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	51119lx	12780lx	5680lx	3195lx	2045lx	909lx	511lx	227lx	128lx	82lx	57lx	32lx	20lx
Footcand.	4749fcd	1187fcd	528fcd	297fcd	190fcd	84fcd	47fcd	21fcd	12fcd	8fcd	5fcd	3fcd	2fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	15,9m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,8ft	10,5ft	15,7ft	20,9ft	26,2ft	31,4ft	41,8ft	52,3ft

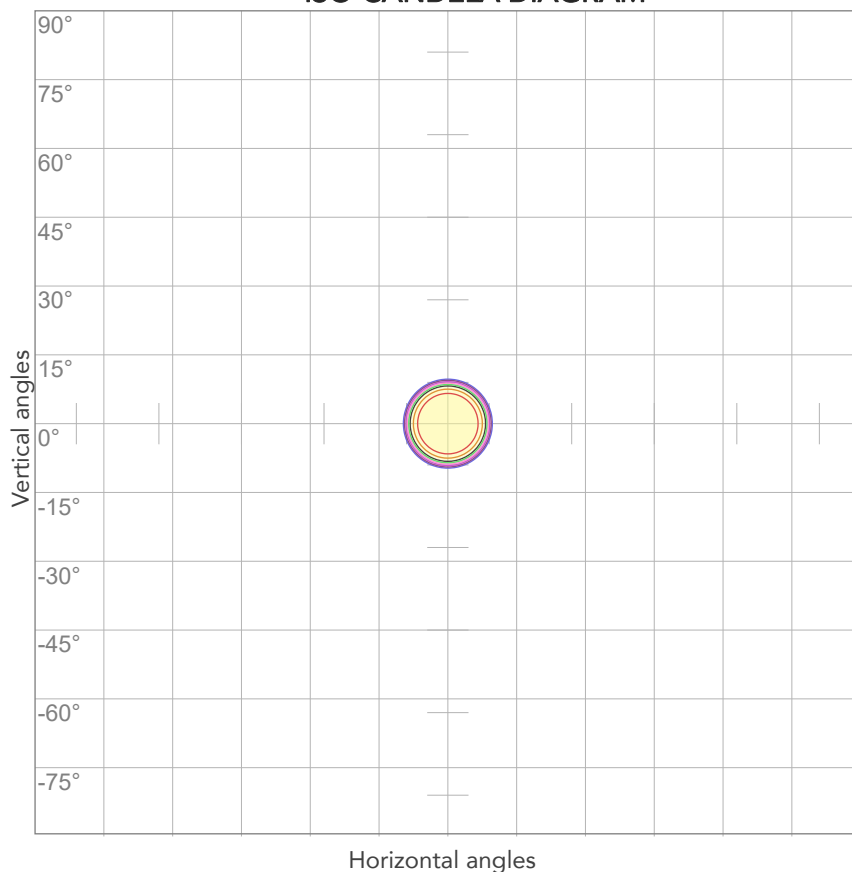
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	1,60A	332,8W	0,92	12lm/W

ISO CANDELA DIAGRAM



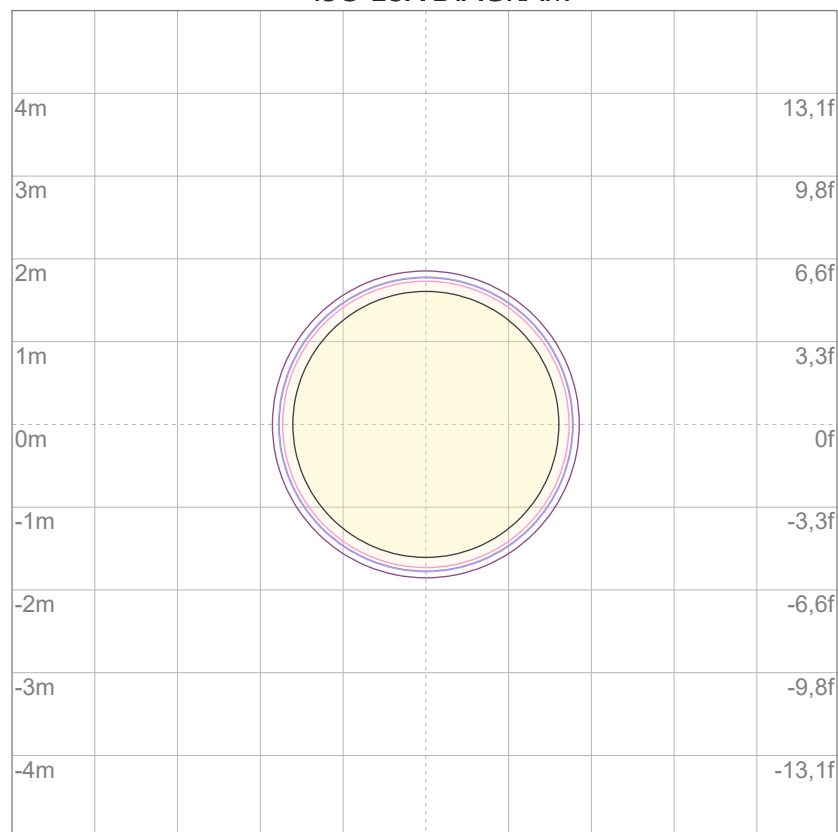
10%	5112 cd
20%	10224 cd
30%	15336 cd
40%	20447 cd
50%	25559 cd
60%	30671 cd
70%	35783 cd
80%	40895 cd

Conditions:

Number of c-planes: 2

Candela at center: 51119 cd

ISO LUX DIAGRAM



3%	15,3 lx
5%	25,6 lx
10%	51,1 lx
30%	153 lx
50%	256 lx

Conditions:

Number of c-planes: 2

Lux at center: 511 lx

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



Total lumen output:

2334 lm

Peak candela output:

310275 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

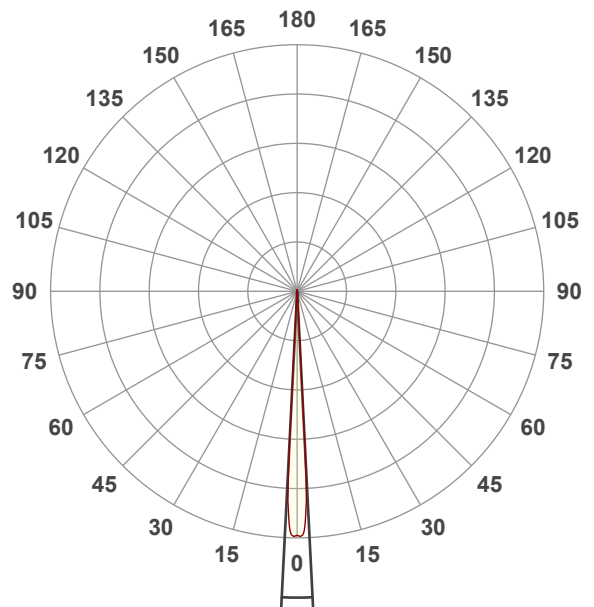
Amber - HQ

Operator:

Giuseppe della Peruta

Date and time:

15/09/2025 14:28:11

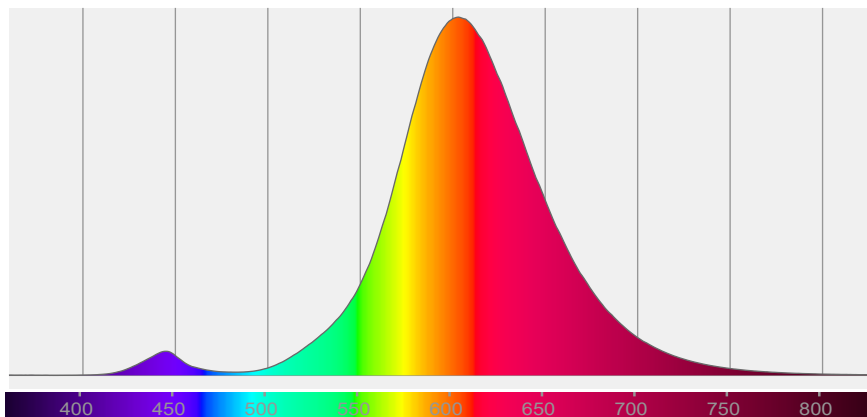


Beam angle 50%: 5,8°

Field angle 10%: 6,1°

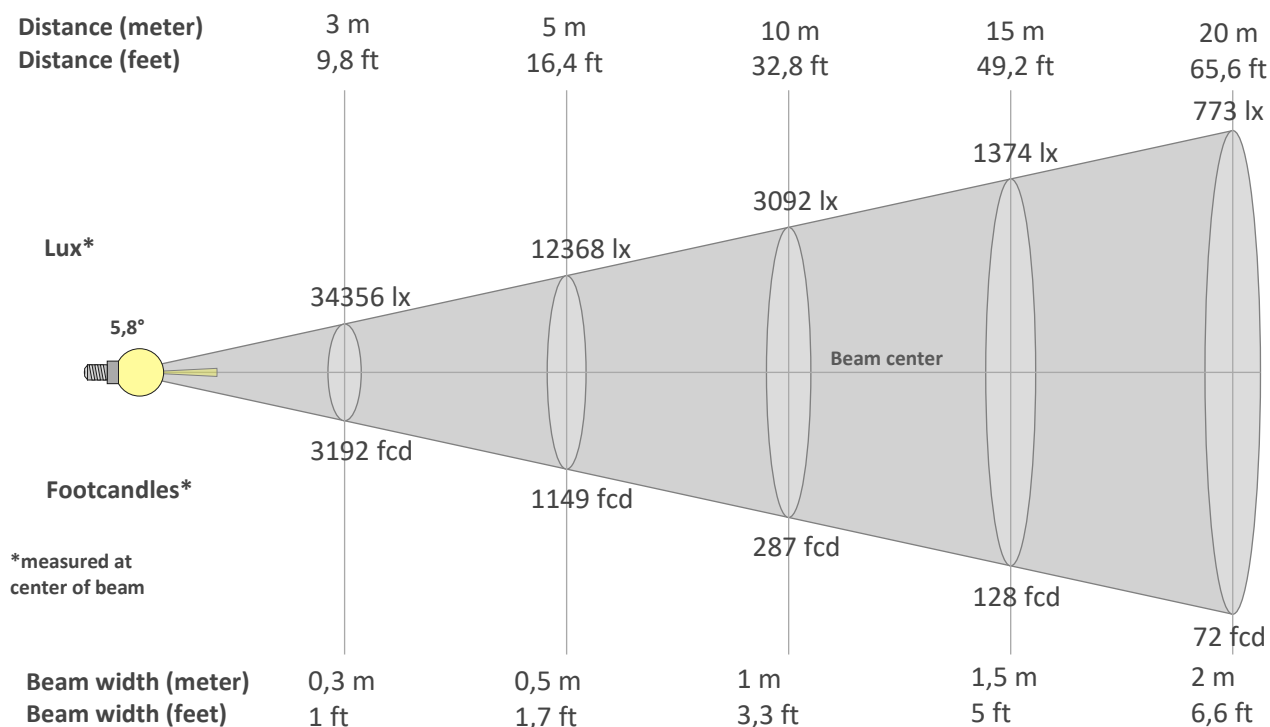
Cut off angle 2.5%: 6,5°

Spectra



BEAM DETAILS

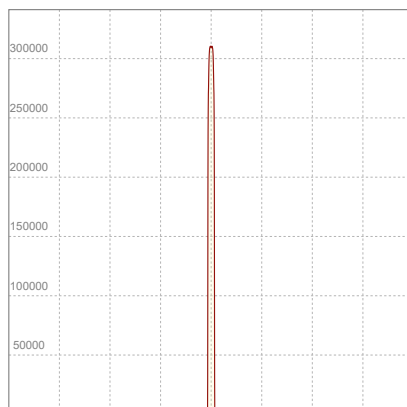
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,8°	6,1°	6,5°	100,0%	100,0%



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	309201lx	77300lx	34356lx	19325lx	12368lx	5497lx	3092lx	1374lx	773lx	495lx	344lx	193lx	124lx
Footcand.	28726fcd	7181fcd	3192fcd	1795fcd	1149fcd	511fcd	287fcd	128fcd	72fcd	46fcd	32fcd	18fcd	11fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2m	2,5m	3m	4m	5m
Beam wid.	0,3ft	0,7ft	1ft	1,3ft	1,7ft	2,5ft	3,3ft	5ft	6,6ft	8,3ft	9,9ft	13,2ft	16,5ft

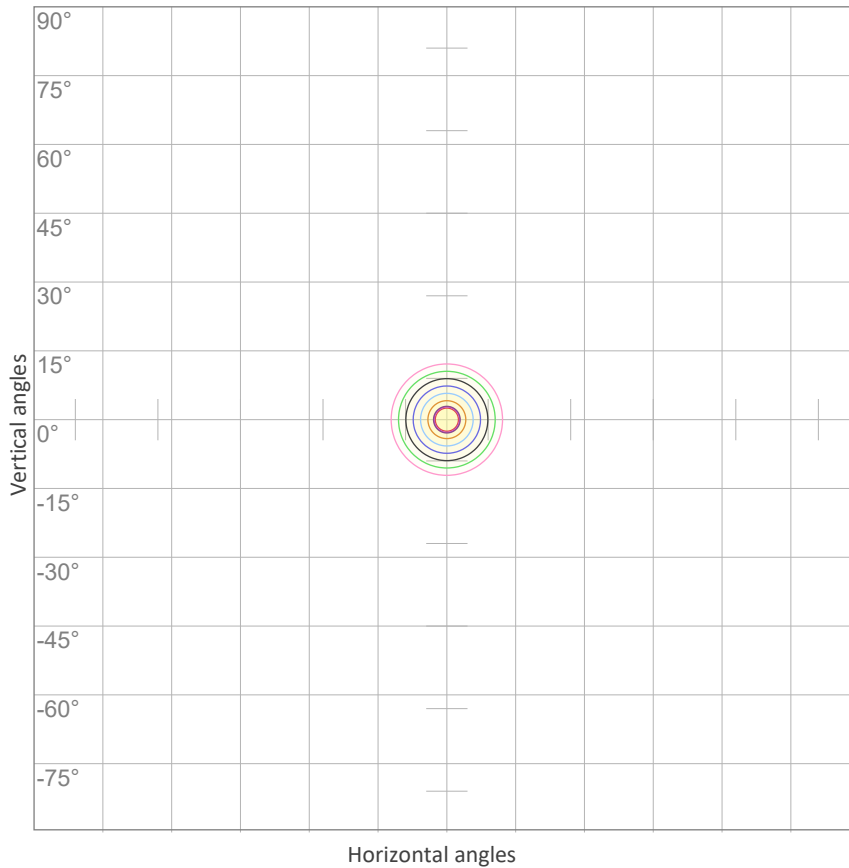
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
229V	1,59A	332W	0,91	7lm/W

ISO CANDELA DIAGRAM



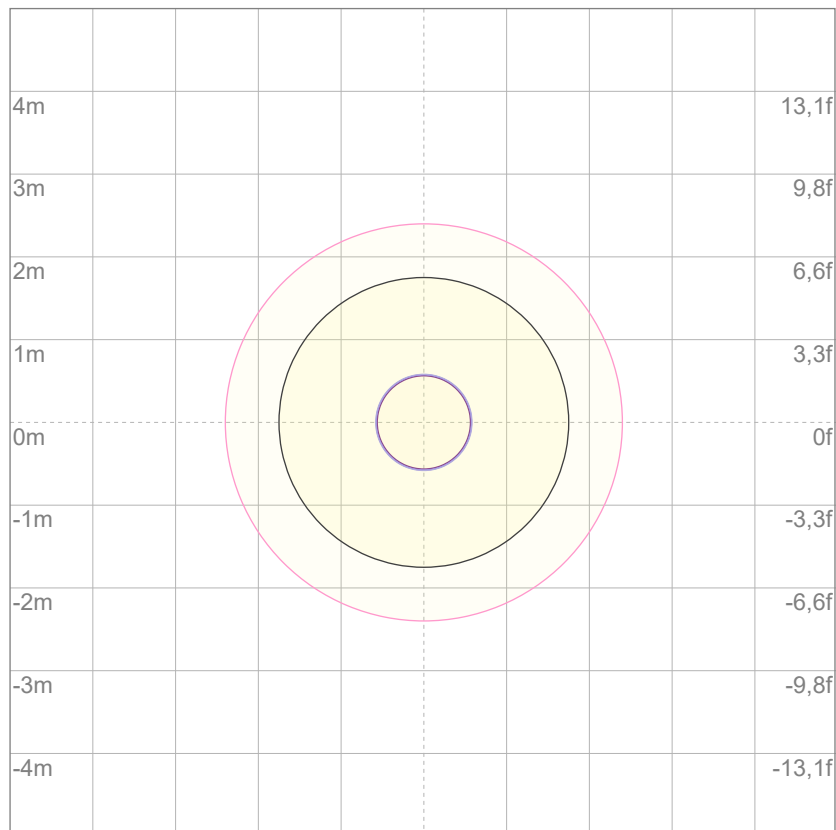
10%	30920 cd
20%	61840 cd
30%	92760 cd
40%	123681 cd
50%	154601 cd
60%	185521 cd
70%	216441 cd
80%	247361 cd
90%	278281 cd

Conditions:

Number of c-planes: 2

Candela at center: 309201 cd

ISO LUX DIAGRAM



3%	92,8 lx
5%	155 lx
10%	309 lx
30%	928 lx
50%	1546 lx

Conditions:

Number of c-planes: 2

Lux at center: 3092 lx

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



Total lumen output:

13306 lm

Peak candela output:

24931 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

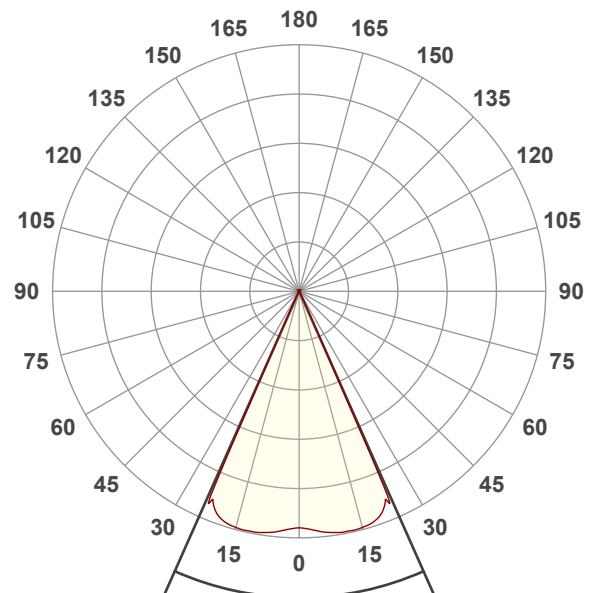
Lime - HQ

Operator:

Giuseppe della Peruta

Date and time:

15/09/2025 14:51:31

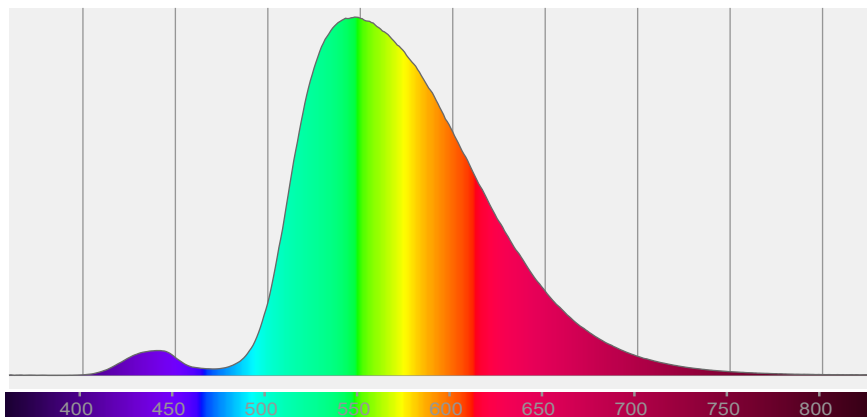


Beam angle 50%: 47,9°

Field angle 10%: 49,2°

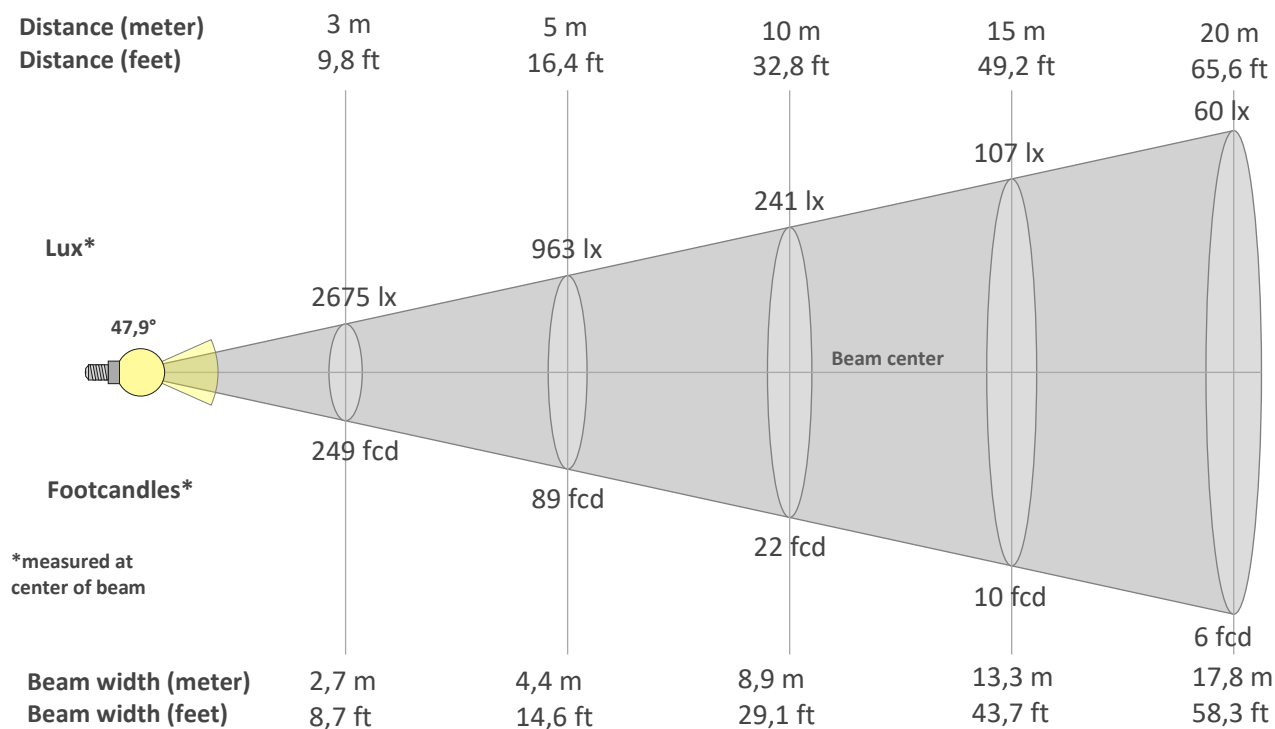
Cut off angle 2.5%: 50,5°

Spectra



BEAM DETAILS

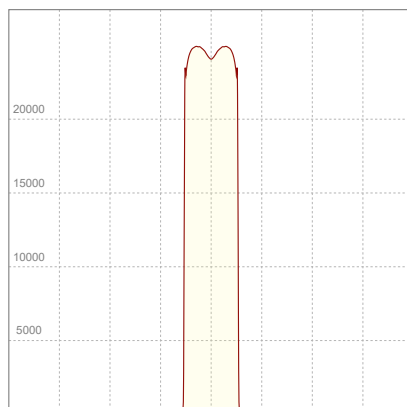
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,9°	49,2°	50,5°	99,8%	99,7%



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	24074lx	6019lx	2675lx	1505lx	963lx	428lx	241lx	107lx	60lx	39lx	27lx	15lx	10lx
Footcand.	2237fcd	559fcd	249fcd	140fcd	89fcd	40fcd	22fcd	10fcd	6fcd	4fcd	2fcd	1fcd	1fcd
Beam wid.	0,9m	1,8m	2,7m	3,6m	4,4m	6,7m	8,9m	13,3m	17,8m	22,2m	26,7m	35,5m	44,4m
Beam wid.	2,9ft	5,9ft	8,7ft	11,6ft	14,6ft	21,9ft	29,1ft	43,7ft	58,3ft	72,9ft	87,4ft	116,6ft	145,7ft

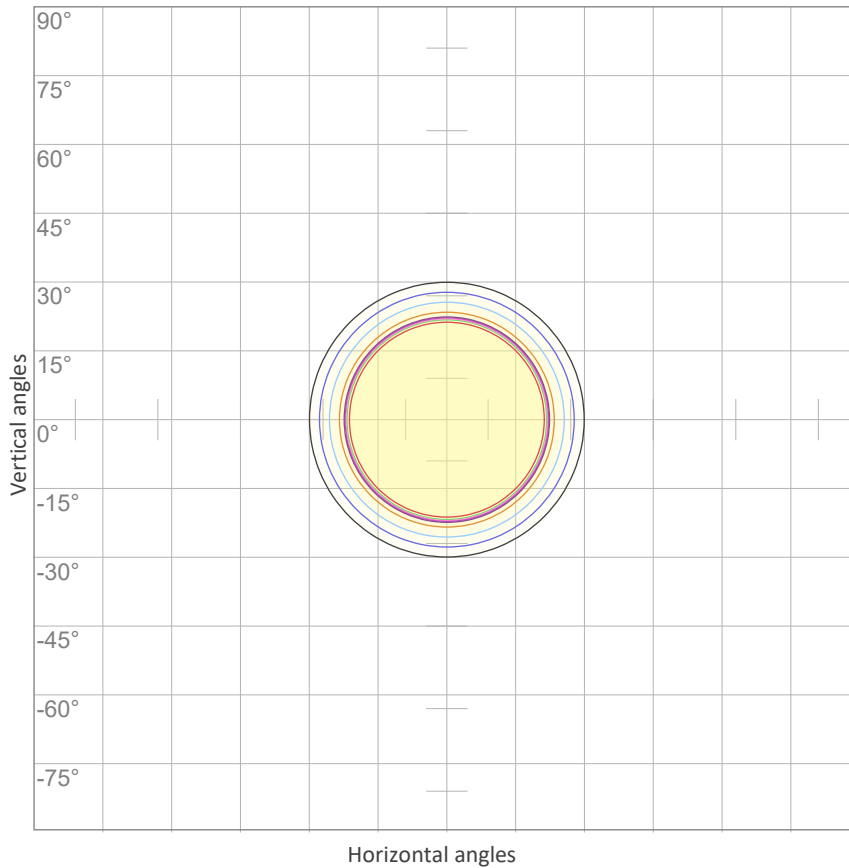
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	2,36A	513,8W	0,96	26lm/W

ISO CANDELA DIAGRAM



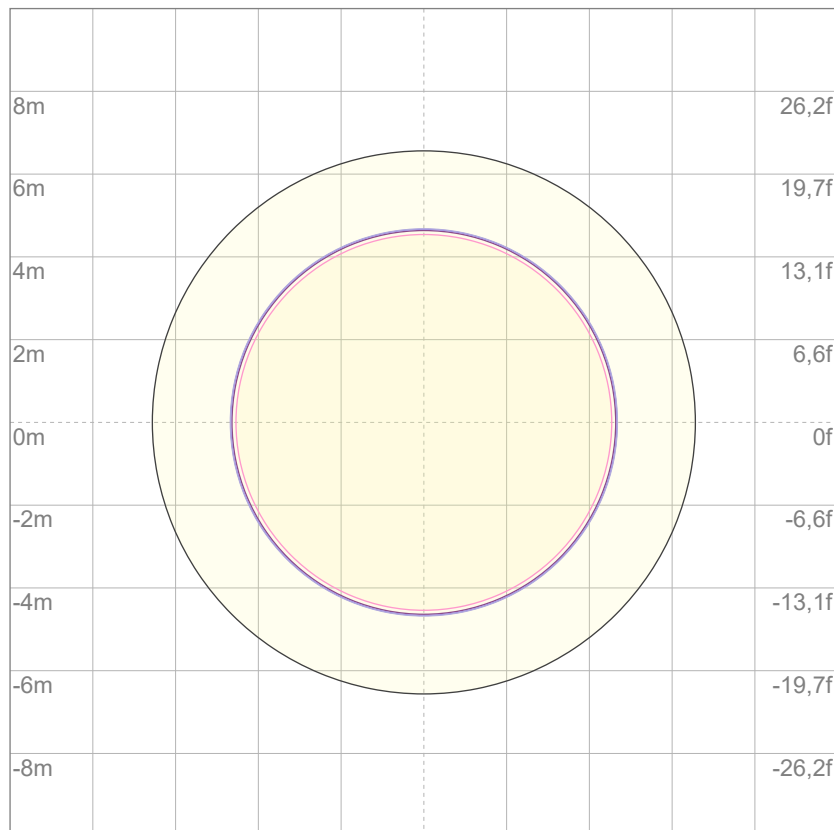
10%	2407 cd
20%	4815 cd
30%	7222 cd
40%	9630 cd
50%	12037 cd
60%	14445 cd
70%	16852 cd
80%	19260 cd
90%	21667 cd

Conditions:

Number of c-planes: 2

Candela at center: 24074 cd

ISO LUX DIAGRAM



3%	7,22 lx
5%	12,0 lx
10%	24,1 lx
30%	72,2 lx
50%	120 lx

Conditions:

Number of c-planes: 2

Lux at center: 241 lx

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



Total lumen output:

13190 lm

Peak candela output:

173908 cd

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

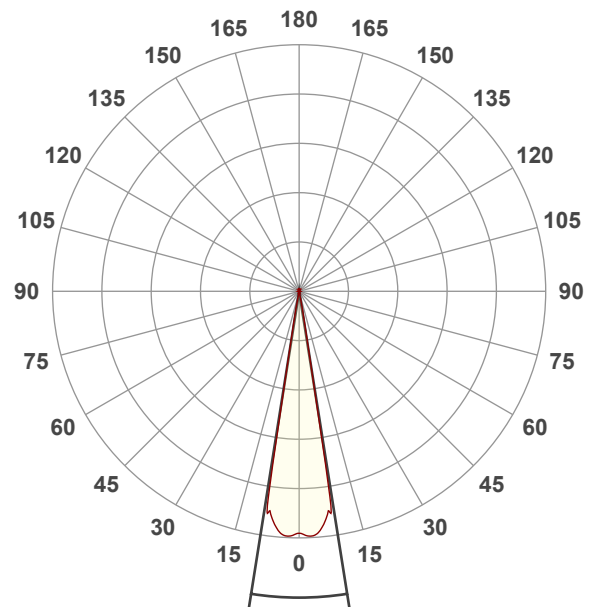
Lime - HQ

Operator:

Giuseppe della Peruta

Date and time:

15/09/2025 14:48:37

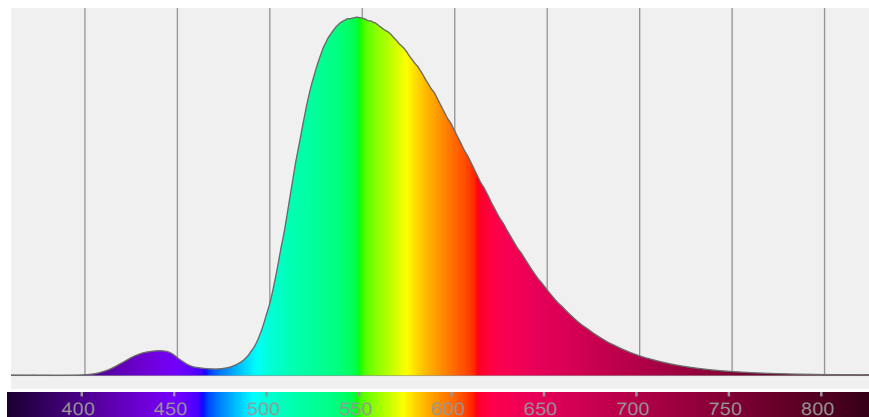


Beam angle 50%: 18°

Field angle 10%: 19,8°

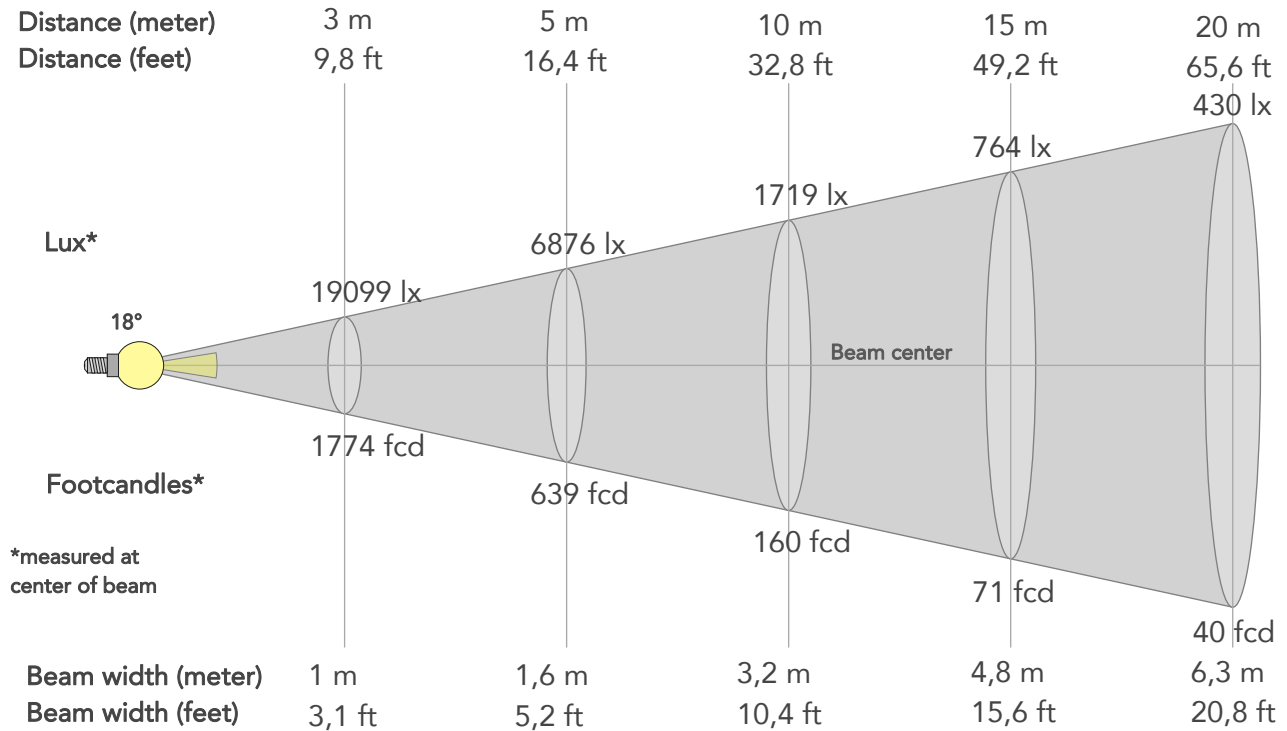
Cut off angle 2.5%: 20,7°

Spectra



BEAM DETAILS

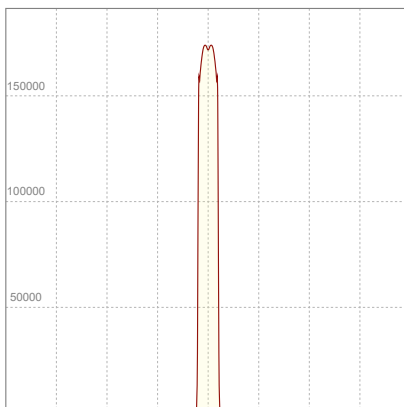
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18°	19,8°	20,7°	99,8%	99,7%



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	171890lx	42973lx	19099lx	10743lx	6876lx	3056lx	1719lx	764lx	430lx	275lx	191lx	107lx	69lx
Footcand.	15969fcd	3992fcd	1774fcd	998fcd	639fcd	284fcd	160fcd	71fcd	40fcd	26fcd	18fcd	10fcd	6fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,3m	7,9m	9,5m	12,7m	15,9m
Beam wid.	1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,8ft	10,4ft	15,6ft	20,8ft	26ft	31,2ft	41,6ft	52,1ft

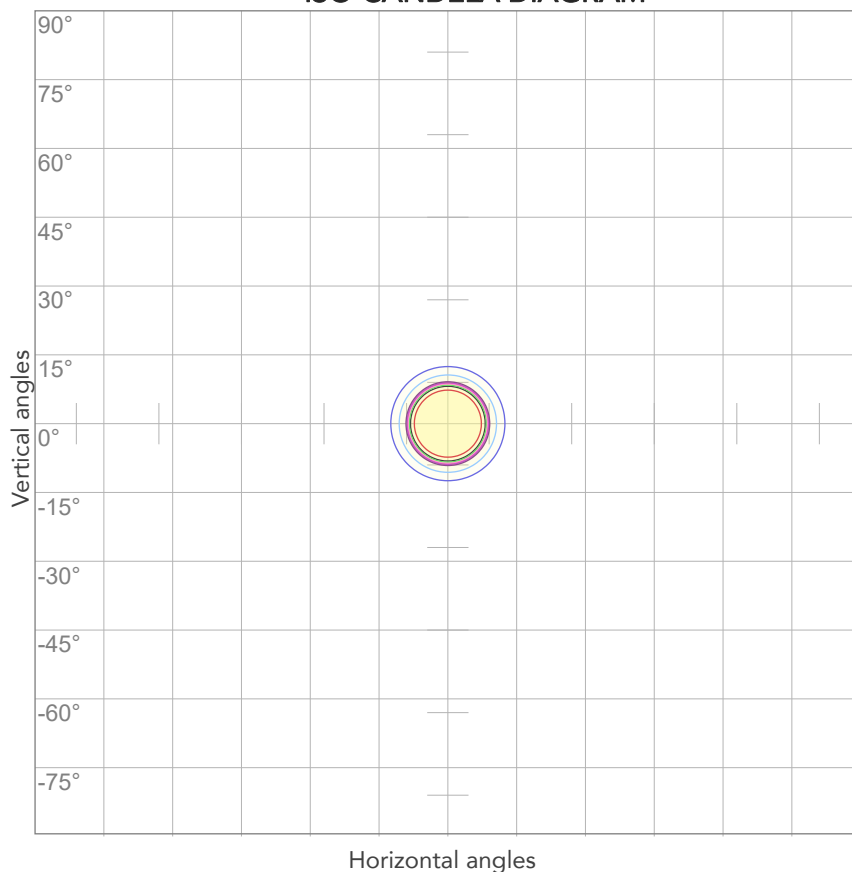
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	2,38A	517,8W	0,96	25lm/W

ISO CANDELA DIAGRAM



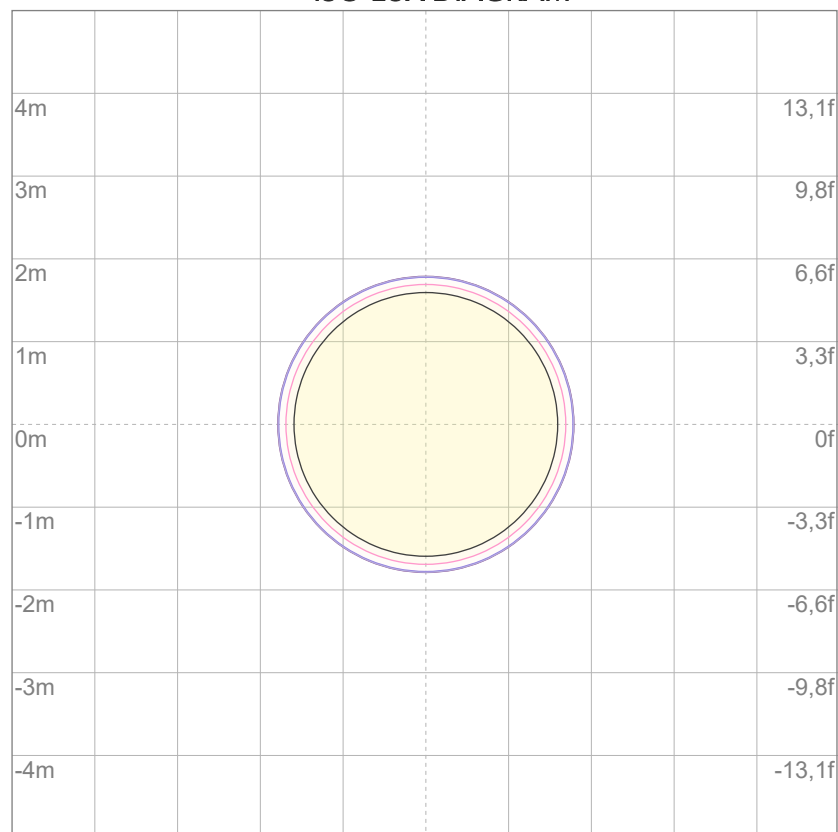
10%	17189 cd
20%	34378 cd
30%	51567 cd
40%	68756 cd
50%	85945 cd
60%	103134 cd
70%	120323 cd
80%	137512 cd

Conditions:

Number of c-planes: 2

Candela at center: 171890 cd

ISO LUX DIAGRAM



3%	51,6 lx
5%	85,9 lx
10%	172 lx
30%	516 lx
50%	859 lx

Conditions:

Number of c-planes: 2

Lux at center: 1719 lx

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



Total lumen output:

8788 lm

Peak candela output:

1107333 cd

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

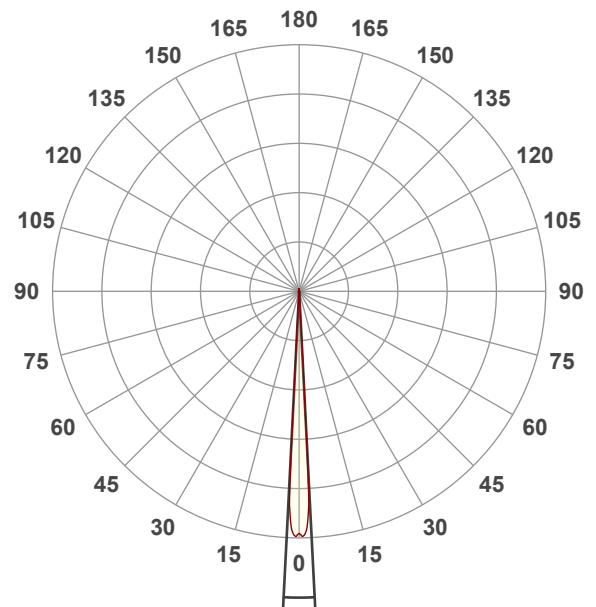
Lime - HQ

Operator:

Giuseppe della Peruta

Date and time:

15/09/2025 14:31:17

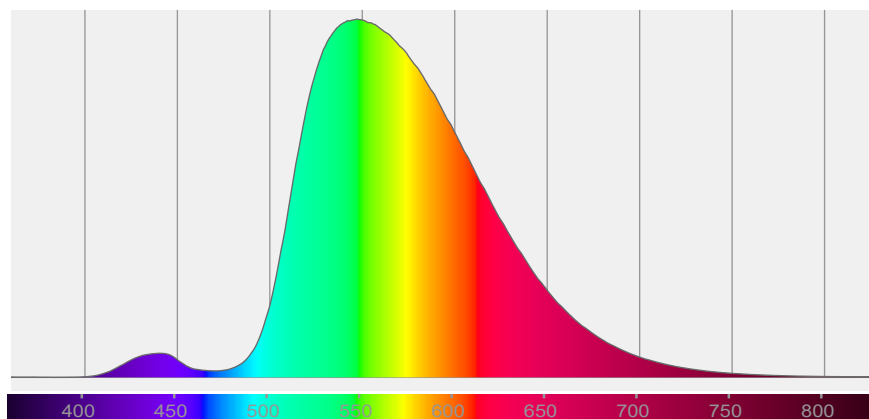


Beam angle 50%: 5,8°

Field angle 10%: 6,2°

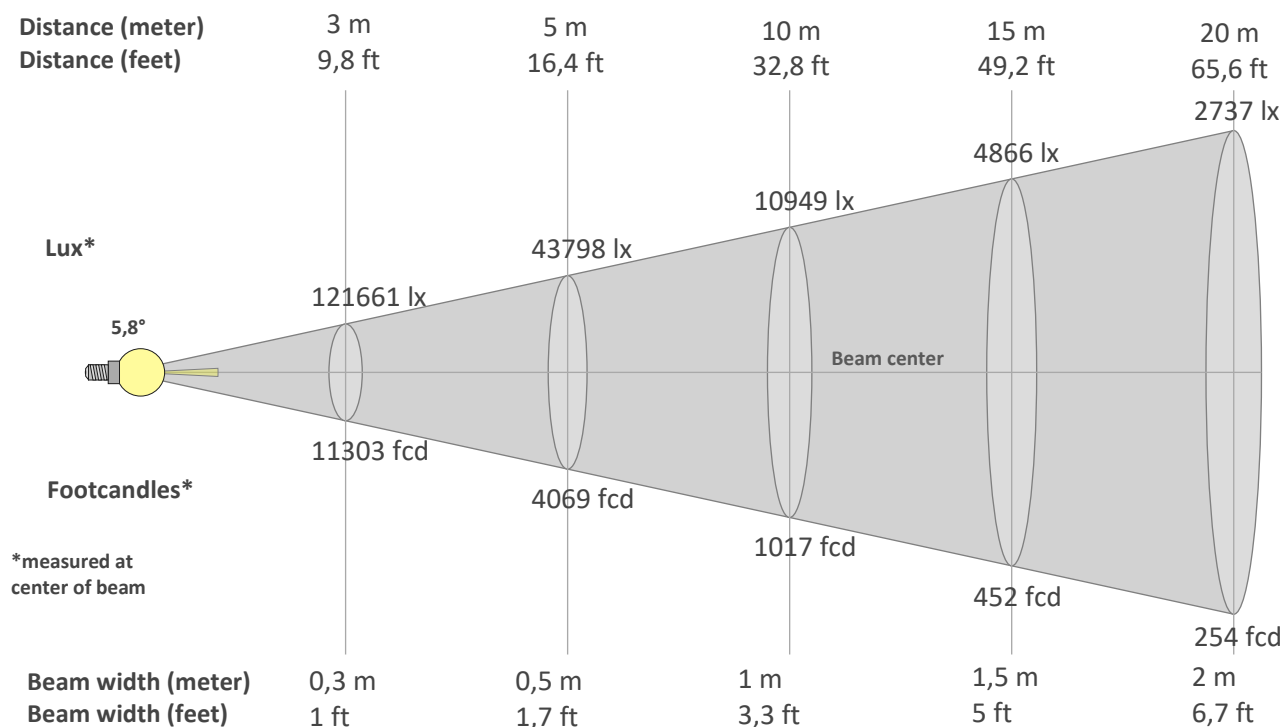
Cut off angle 2.5%: 6,4°

Spectra



BEAM DETAILS

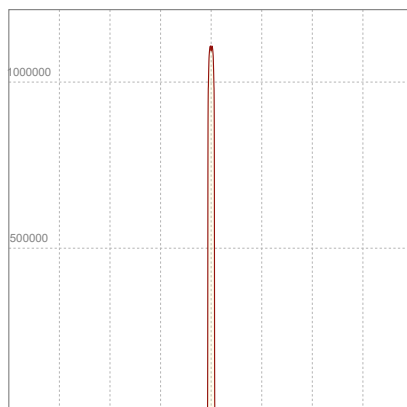
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,8°	6,2°	6,4°	98,5%	97,9%



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	1094947lx	273737lx	121661lx	68434lx	43798lx	19466lx	10949lx	4866lx	2737lx	1752lx	1217lx	684lx	438lx
Footcand.	101724fcd	25431fcd	11303fcd	6358fcd	4069fcd	1808fcd	1017fcd	452fcd	254fcd	163fcd	113fcd	64fcd	41fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2m	2,5m	3m	4,1m	5,1m
Beam wid.	0,3ft	0,7ft	1ft	1,3ft	1,7ft	2,5ft	3,3ft	5ft	6,7ft	8,3ft	10ft	13,3ft	16,6ft

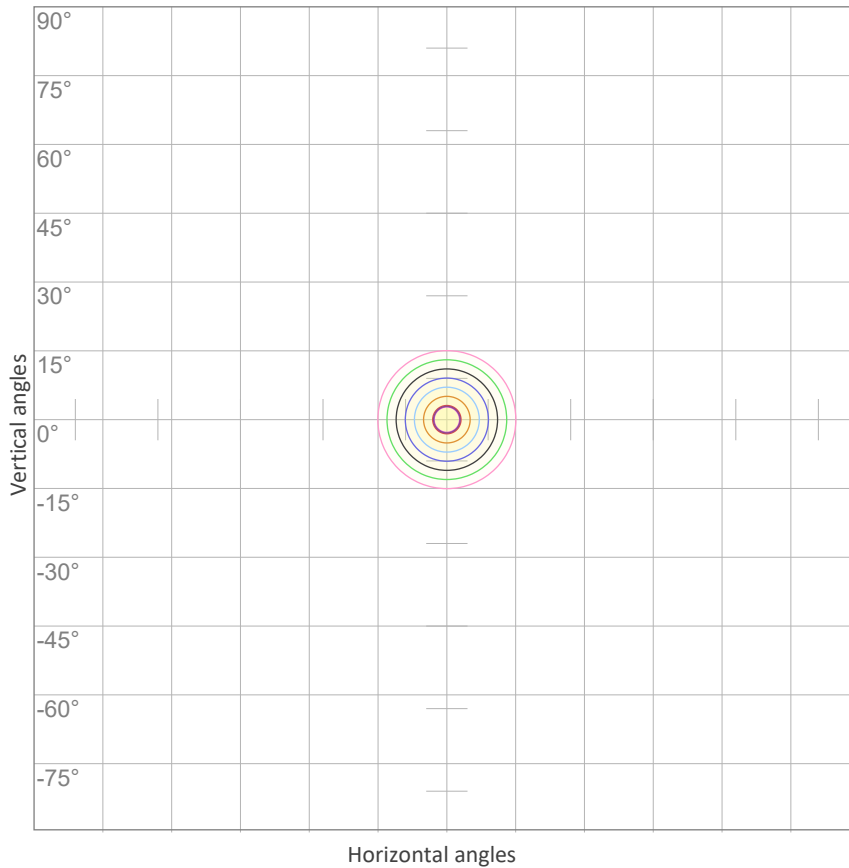
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	2,38A	516,8W	0,96	17lm/W

ISO CANDELA DIAGRAM



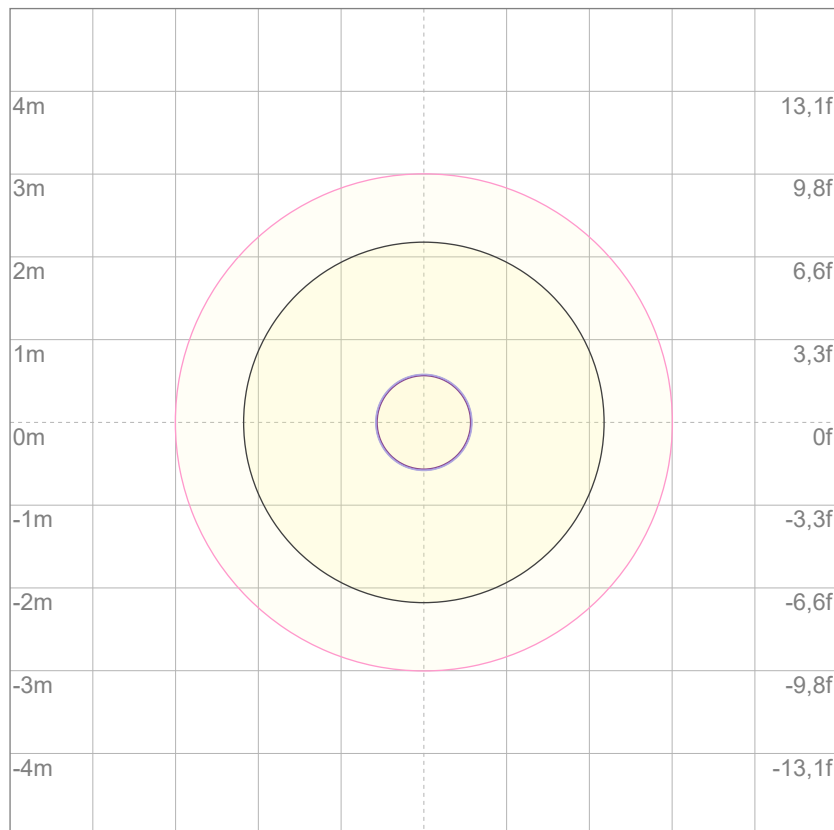
10%	109495 cd
20%	218989 cd
30%	328484 cd
40%	437979 cd
50%	547473 cd
60%	656968 cd
70%	766463 cd
80%	875957 cd
90%	985452 cd

Conditions:

Number of c-planes: 2

Candela at center: 1094947 cd

ISO LUX DIAGRAM



3%	328 lx
5%	547 lx
10%	1095 lx
30%	3285 lx
50%	5475 lx

Conditions:

Number of c-planes: 2

Lux at center: 10,9K lx

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



Total lumen output:

11184 lm

Peak candela output:

21163 cd

Light quality:

CRI: 98,0

Color temperature:

2798 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

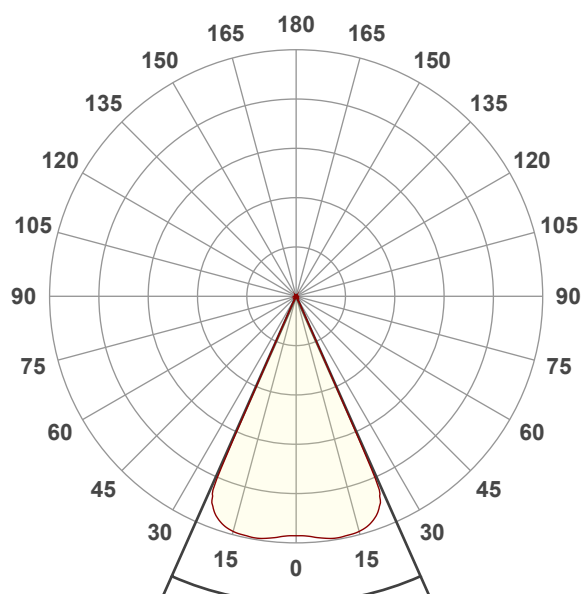
2800K - HQ

Operator:

Giuseppe della Peruta

Date and time:

19/09/2025 16:56:09

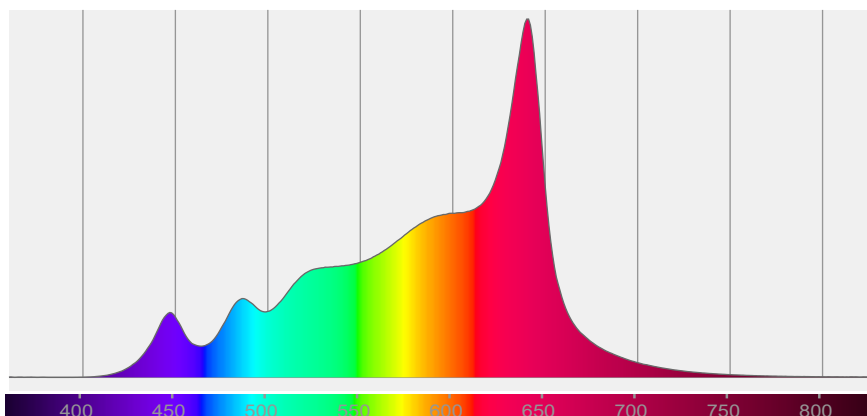


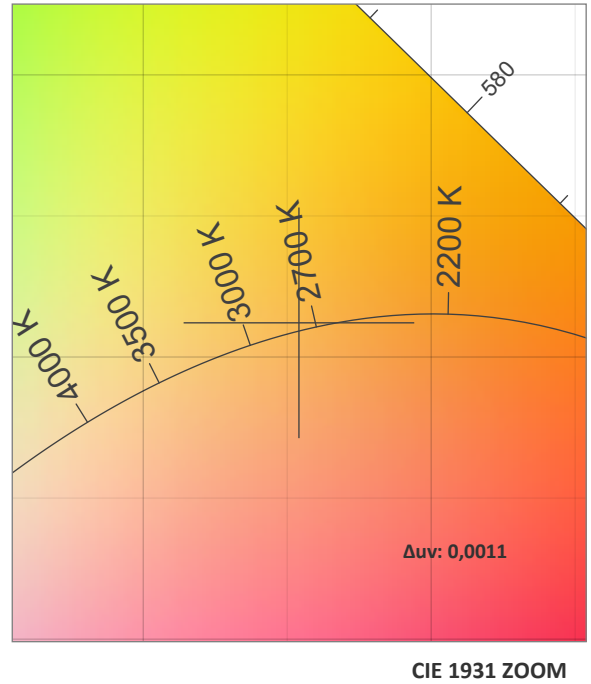
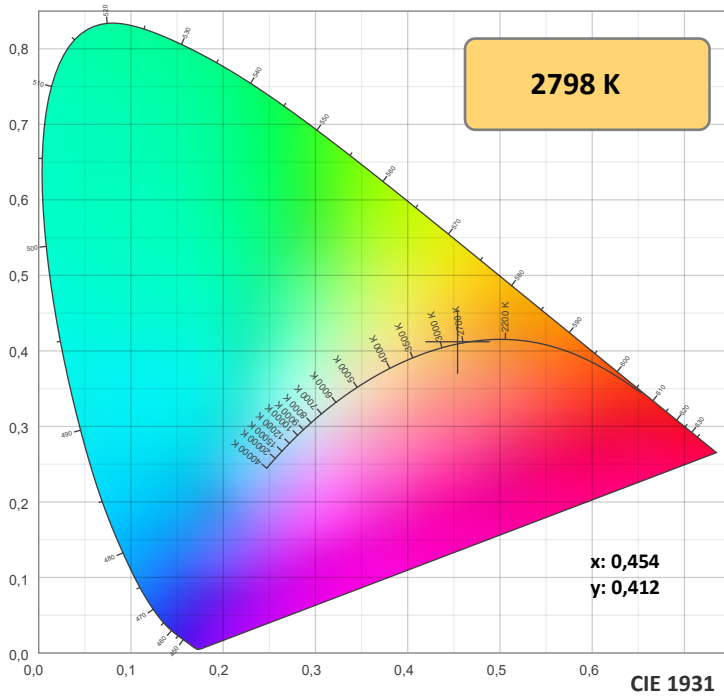
Beam angle 50%: 47,9°

Field angle 10%: 49,1°

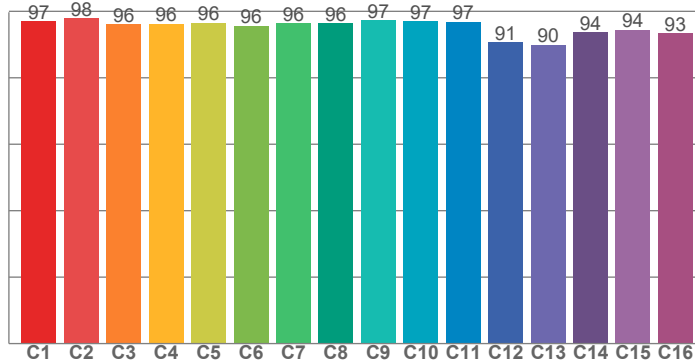
Cut off angle 2.5%: 50,6°

Spectra

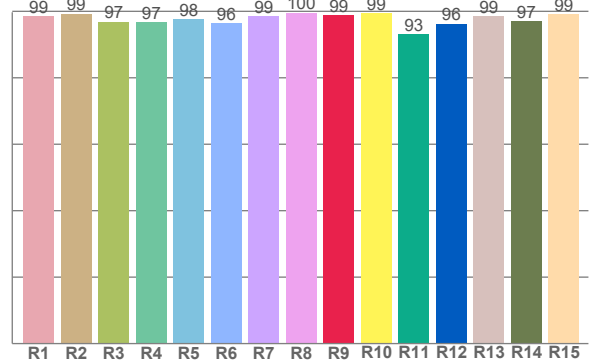




TM30: 95,7



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	99,3	96,9	96,8	97,7	96,3	98,6	99,6	98,8	99,4	93,2	96,3	98,6	96,9	99,1

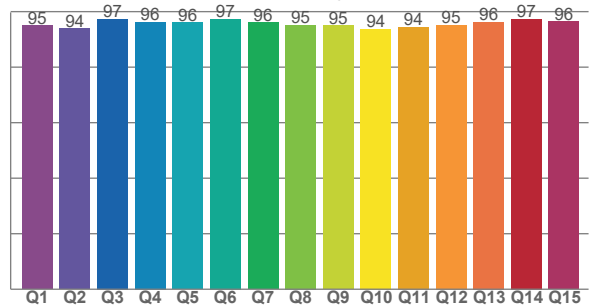
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

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

CQS: 95,4



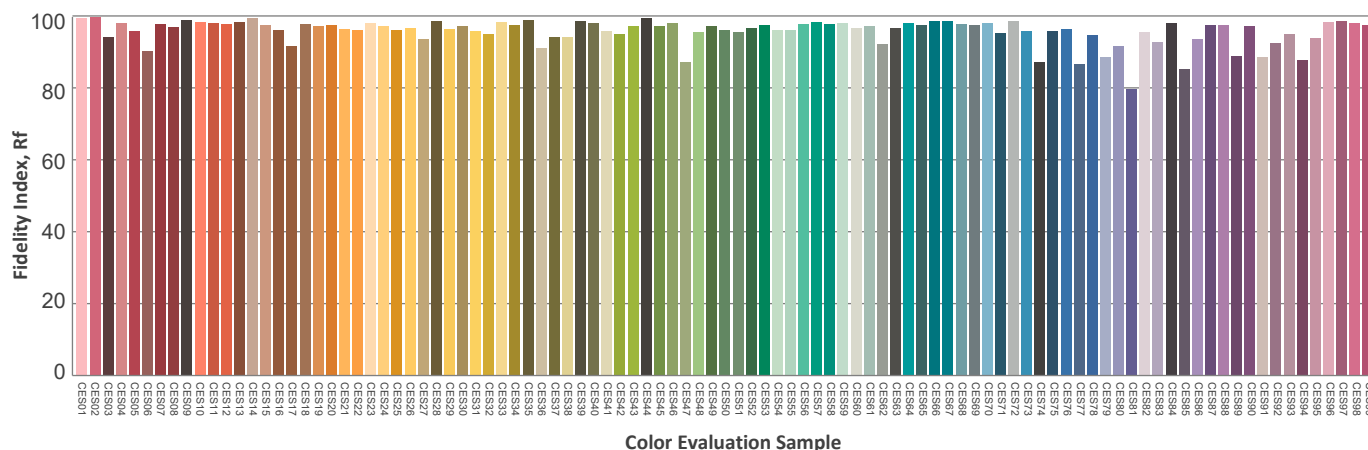
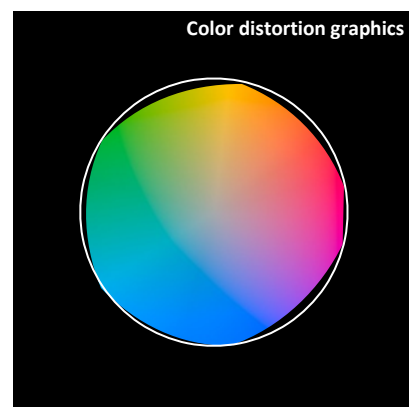
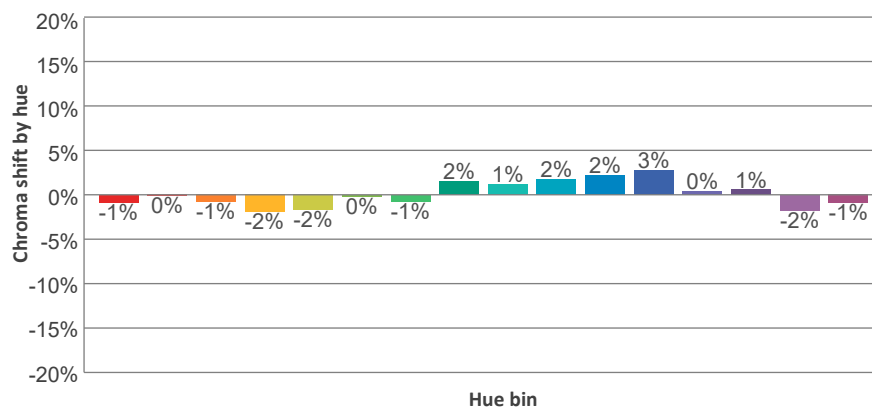
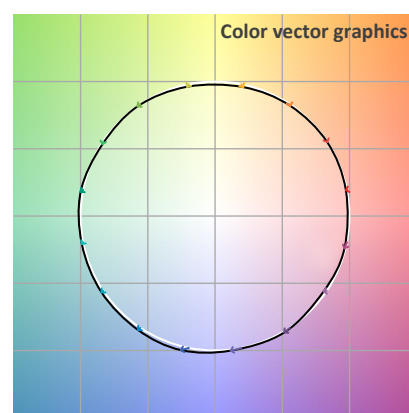
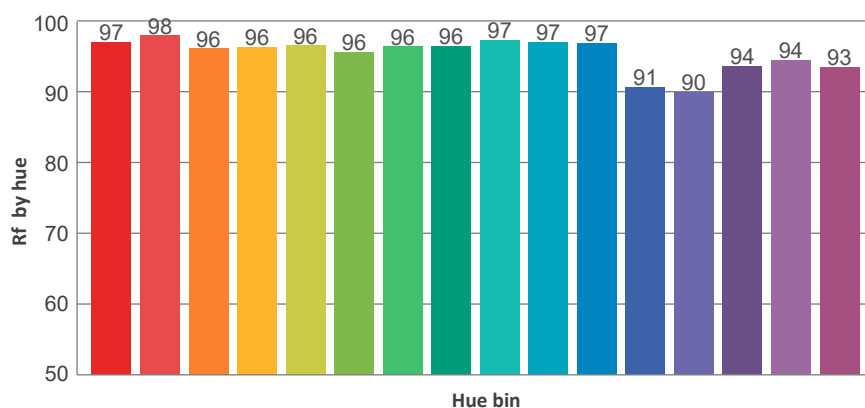
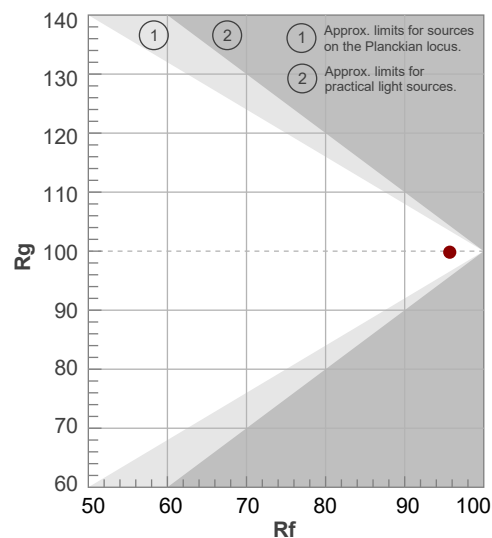
COLOR PARAMETERS

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
2798 K	98,0	98,8	95,7	99,8	95,4	91	0,454	0,412	0,0011

Fidelity index R_f

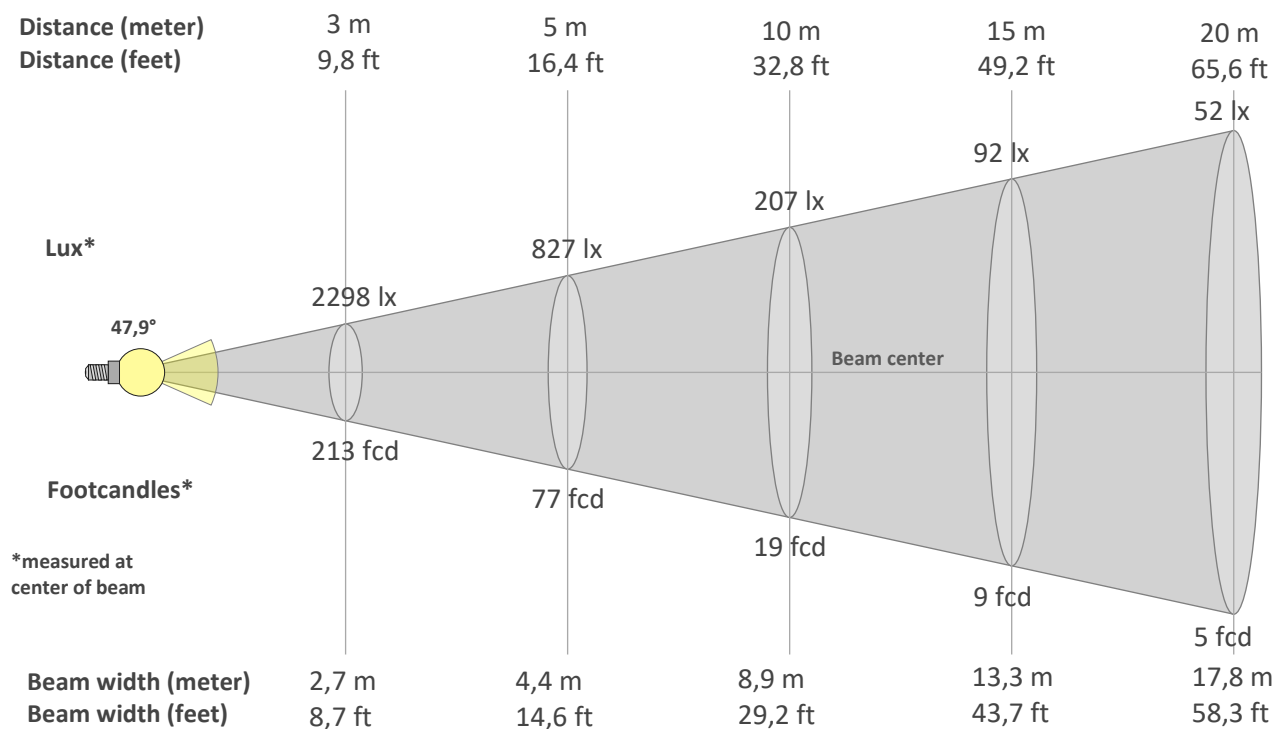
Gammut index Rg

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	97	-1%	0%
2	98	0%	-1%
3	96	-1%	-1%
4	96	-2%	-2%
5	96	-2%	2%
6	96	0%	3%
7	96	-1%	2%
8	96	2%	2%
9	97	1%	1%
10	97	2%	0%
11	97	2%	-1%
12	91	3%	-5%
13	90	0%	-8%
14	94	1%	-5%
15	94	-2%	-2%
16	93	-1%	-5%



BEAM DETAILS

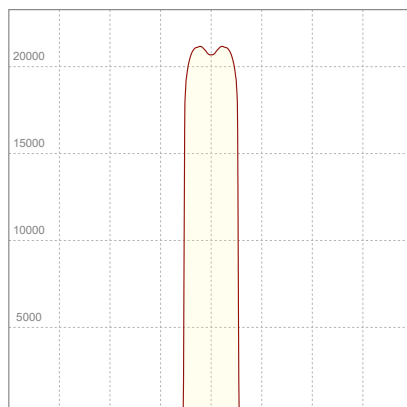
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,9°	49,1°	50,6°	99,7%	99,6%



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	20681lx	5170lx	2298lx	1293lx	827lx	368lx	207lx	92lx	52lx	33lx	23lx	13lx	8lx
Footcand.	1921fcd	480fcd	213fcd	120fcd	77fcd	34fcd	19fcd	9fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,9m	1,8m	2,7m	3,6m	4,4m	6,7m	8,9m	13,3m	17,8m	22,2m	26,7m	35,6m	44,4m
Beam wid.	2,9ft	5,9ft	8,7ft	11,6ft	14,6ft	21,9ft	29,2ft	43,7ft	58,3ft	72,9ft	87,5ft	116,6ft	145,8ft

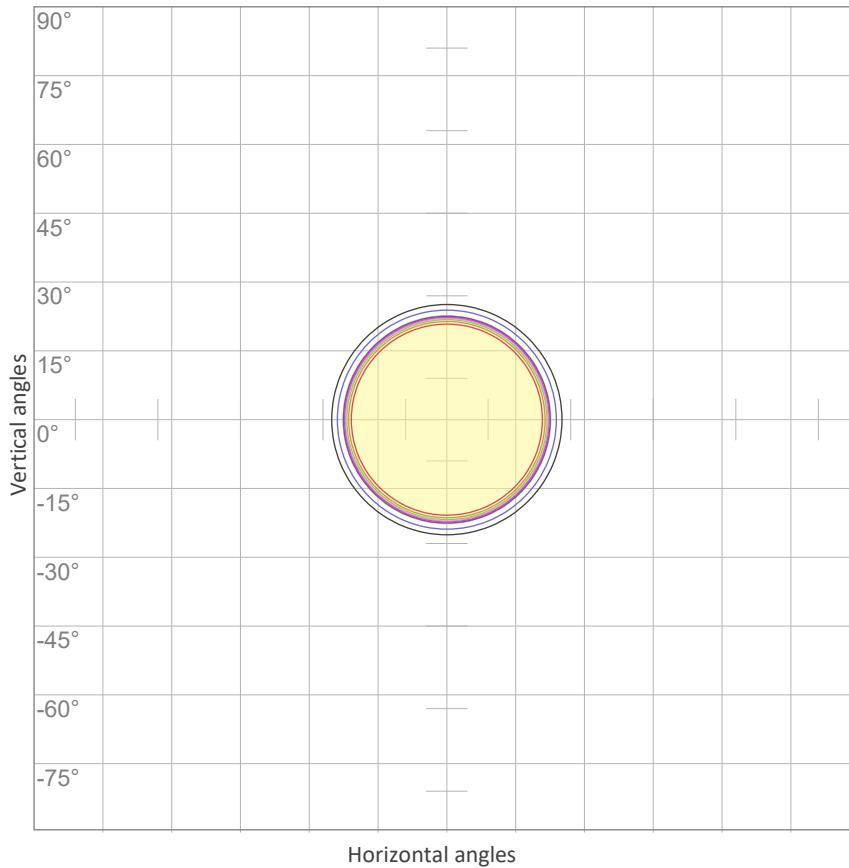
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
223V	3,10A	675,7W	0,98	17lm/W

ISO CANDELA DIAGRAM



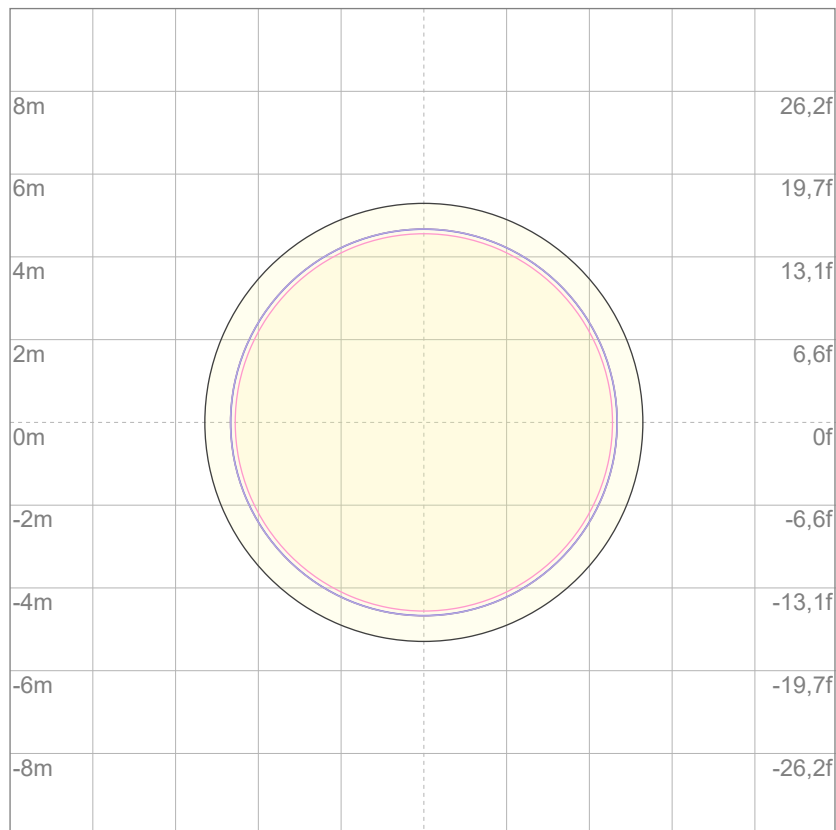
10%	2068 cd
20%	4136 cd
30%	6204 cd
40%	8272 cd
50%	10340 cd
60%	12408 cd
70%	14477 cd
80%	16545 cd
90%	18613 cd

Conditions:

Number of c-planes: 2

Candela at center: 20681 cd

ISO LUX DIAGRAM



3%	6,20 lx
5%	10,3 lx
10%	20,7 lx
30%	62,0 lx
50%	103 lx

Conditions:

Number of c-planes: 2

Lux at center: 207 lx

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



Total lumen output:

11447 lm

Peak candela output:

152943 cd

Light quality:

CRI: 98,2

Color temperature:

2870 K

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

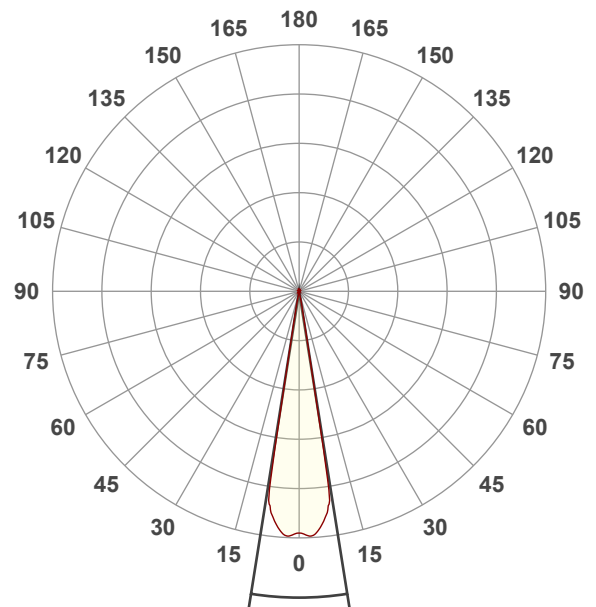
2800K - HQ

Operator:

Giuseppe della Peruta

Date and time:

19/09/2025 17:50:42

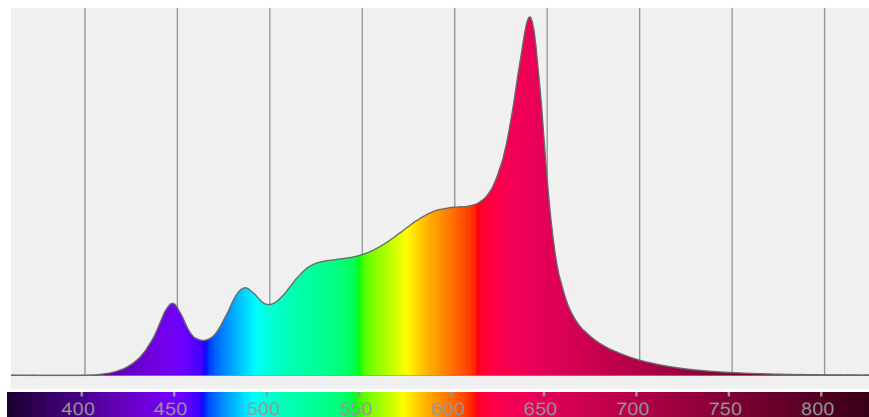


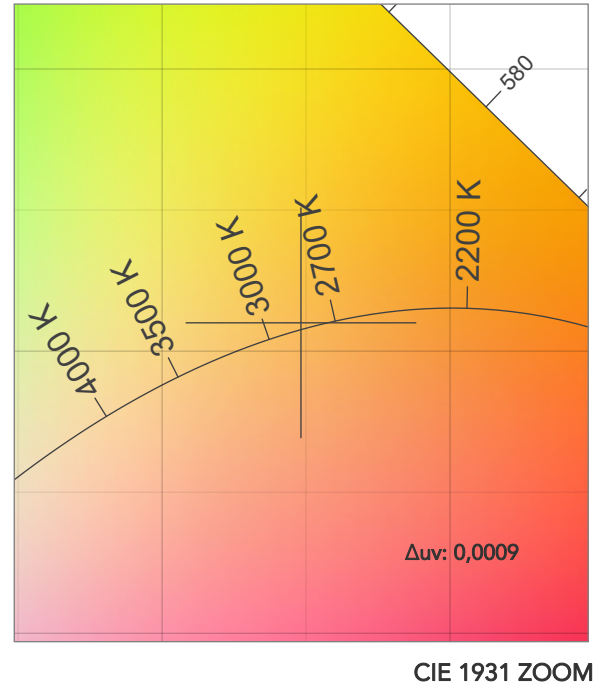
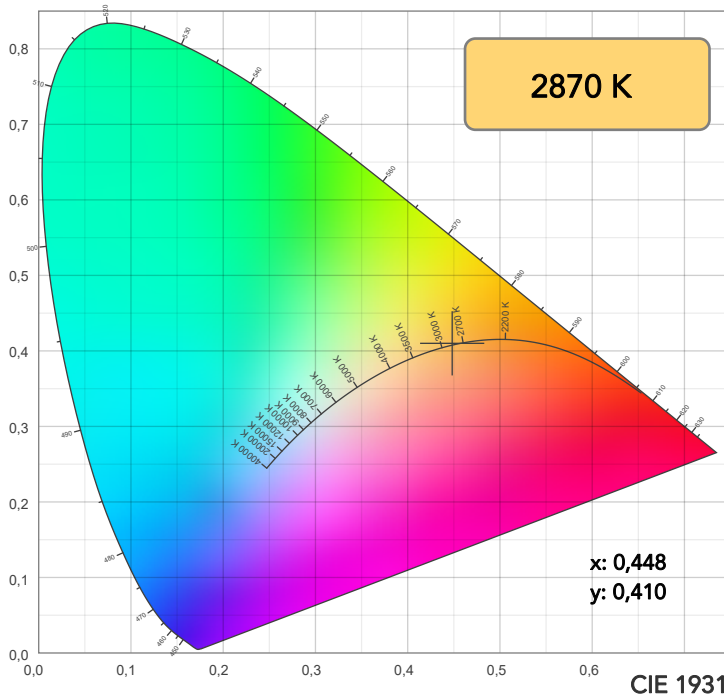
Beam angle 50%: 18,1°

Field angle 10%: 19,7°

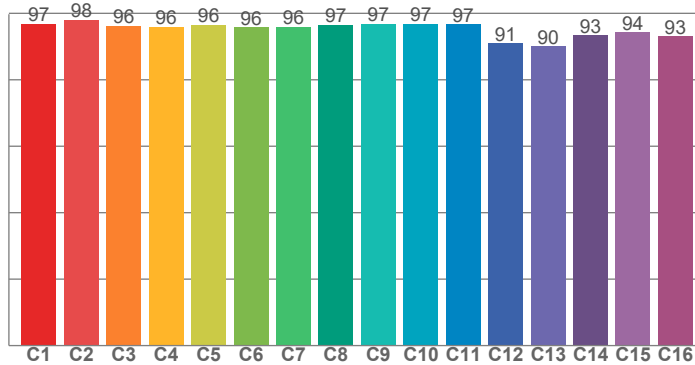
Cut off angle 2.5%: 20,8°

Spectra

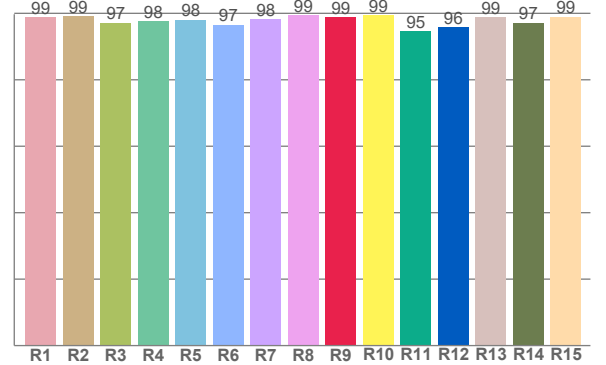




TM30: 95,6



CRI: 98,2 (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
98,8	99,2	97,2	97,6	98,1	96,6	98,3	99,4	98,7	99,4	94,5	95,8	98,8	97,2	99,0

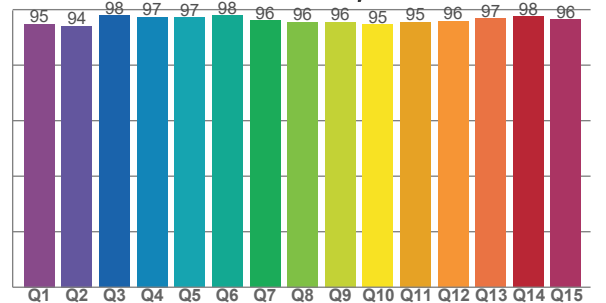
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,9	98,0	96,2	96,0	96,5	95,8	95,9	96,6	96,9	96,8	96,6	90,9	90,1	93,5	94,3	93,1

CQS Q values

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

CQS: 95,9



COLOR PARAMETERS

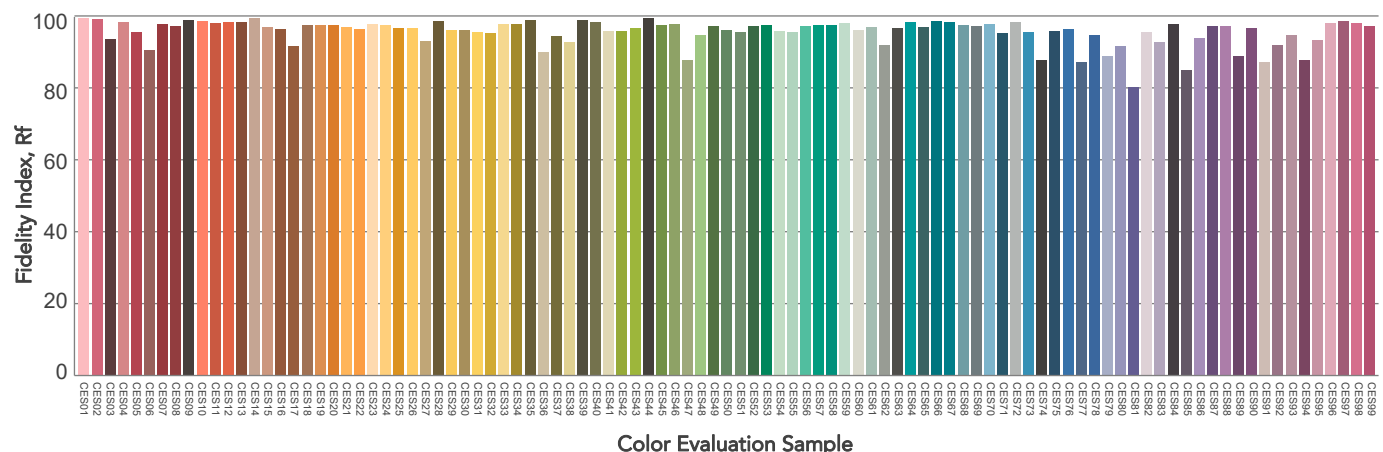
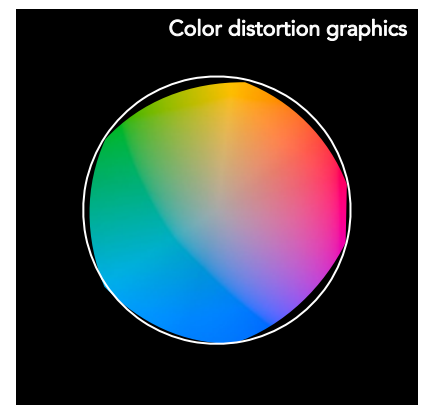
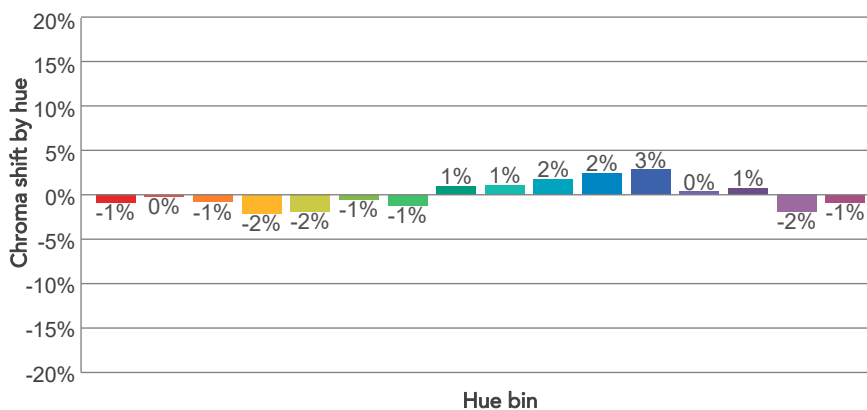
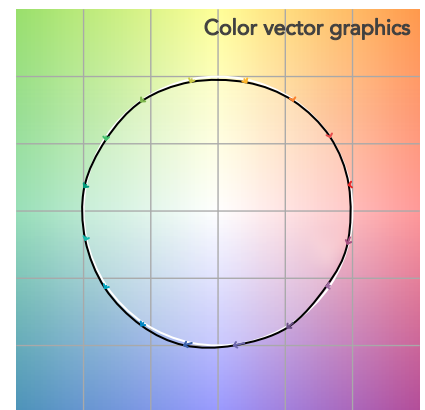
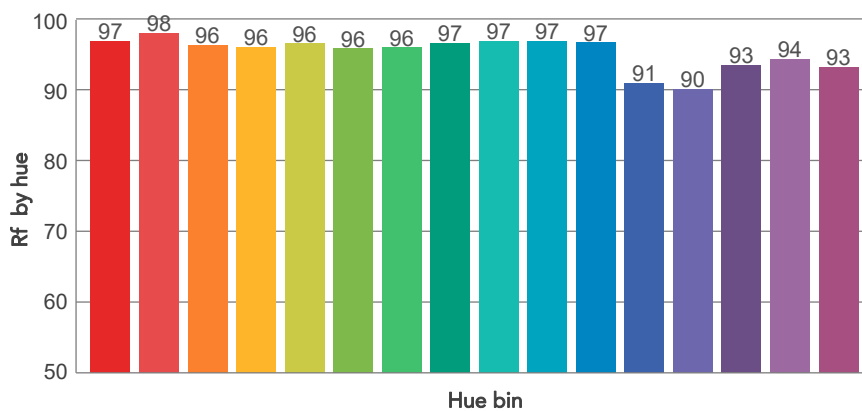
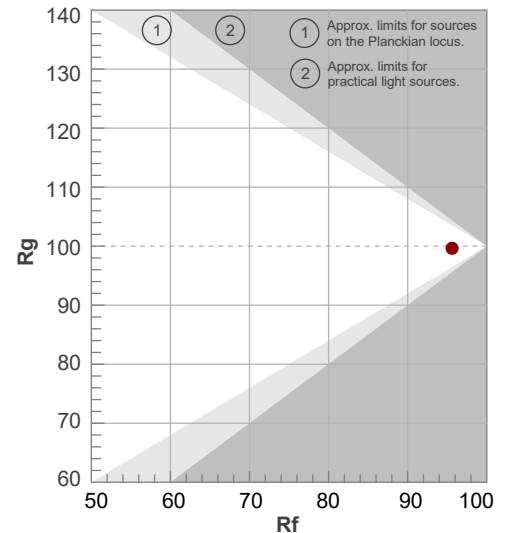
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2870 K	98,2	98,7	95,6	99,6	95,9	92	0,448	0,410	0,0009

TM30 DETAILS

Rf 95,6
Fidelity index Rf

Rg 99,6
Gammut index

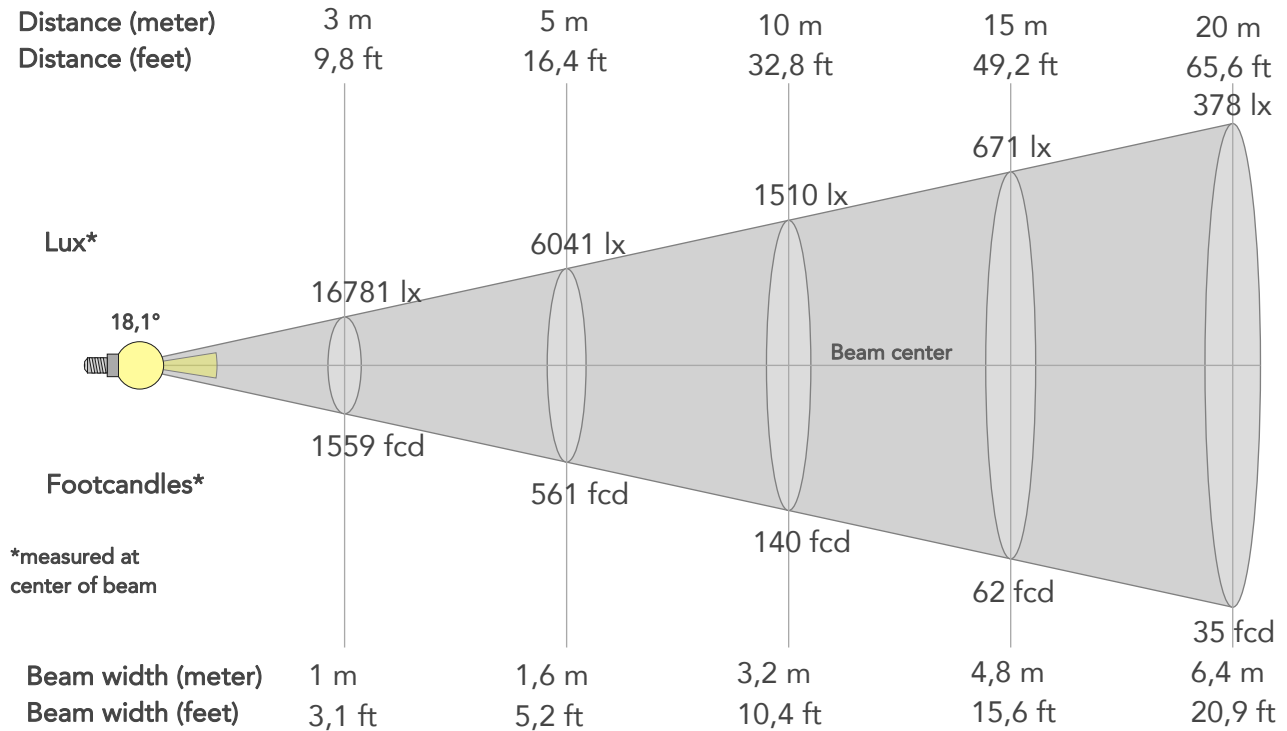
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	0%
2	98	0%	-1%
3	96	-1%	-1%
4	96	-2%	-2%
5	96	-2%	1%
6	96	-1%	2%
7	96	-1%	2%
8	97	1%	2%
9	97	1%	2%
10	97	2%	1%
11	97	2%	0%
12	91	3%	-5%
13	90	0%	-8%
14	93	1%	-5%
15	94	-2%	-2%
16	93	-1%	-5%



BEAM DETAILS



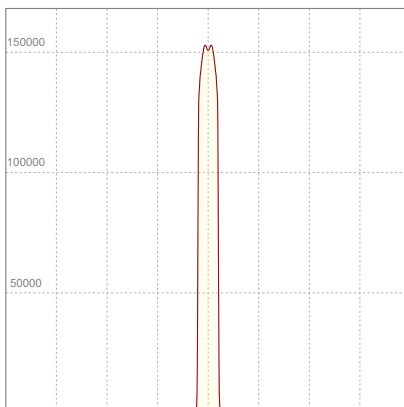
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	19,7°	20,8°	99,9%	99,9%



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	151030lx	37757lx	16781lx	9439lx	6041lx	2685lx	1510lx	671lx	378lx	242lx	168lx	94lx	60lx
Footcand.	14031fcd	3508fcd	1559fcd	877fcd	561fcd	249fcd	140fcd	62fcd	35fcd	22fcd	16fcd	9fcd	6fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,5m	12,7m	15,9m
Beam wid.	1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,8ft	10,4ft	15,6ft	20,9ft	26,1ft	31,3ft	41,7ft	52,2ft

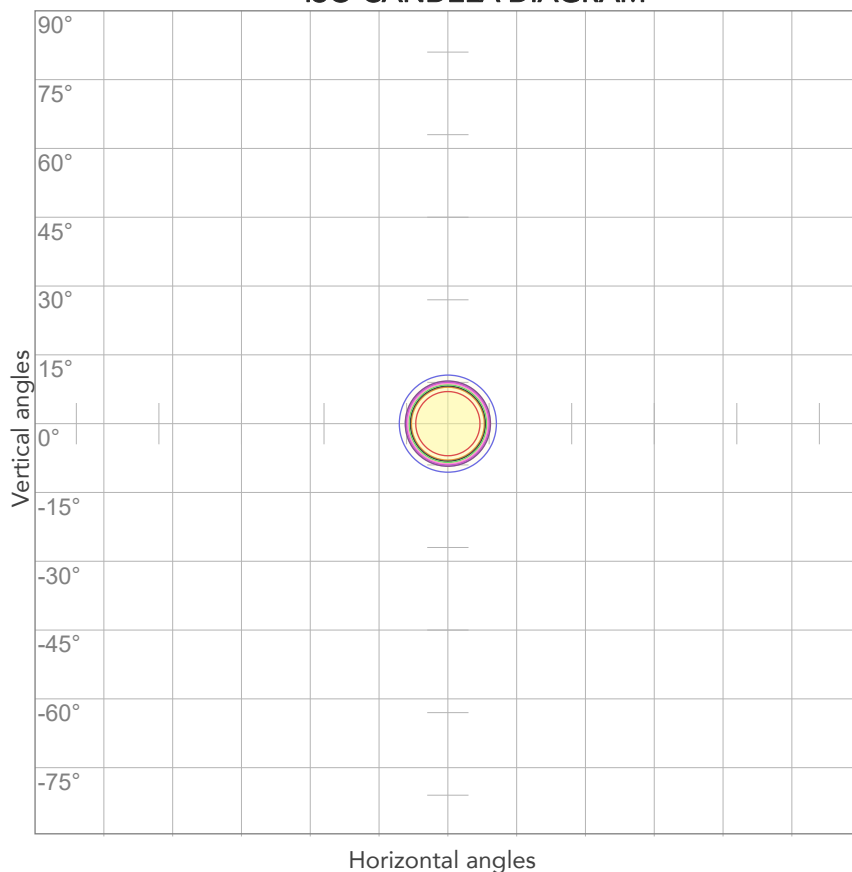
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
224V	3,74A	822,6W	0,98	14lm/W

ISO CANDELA DIAGRAM



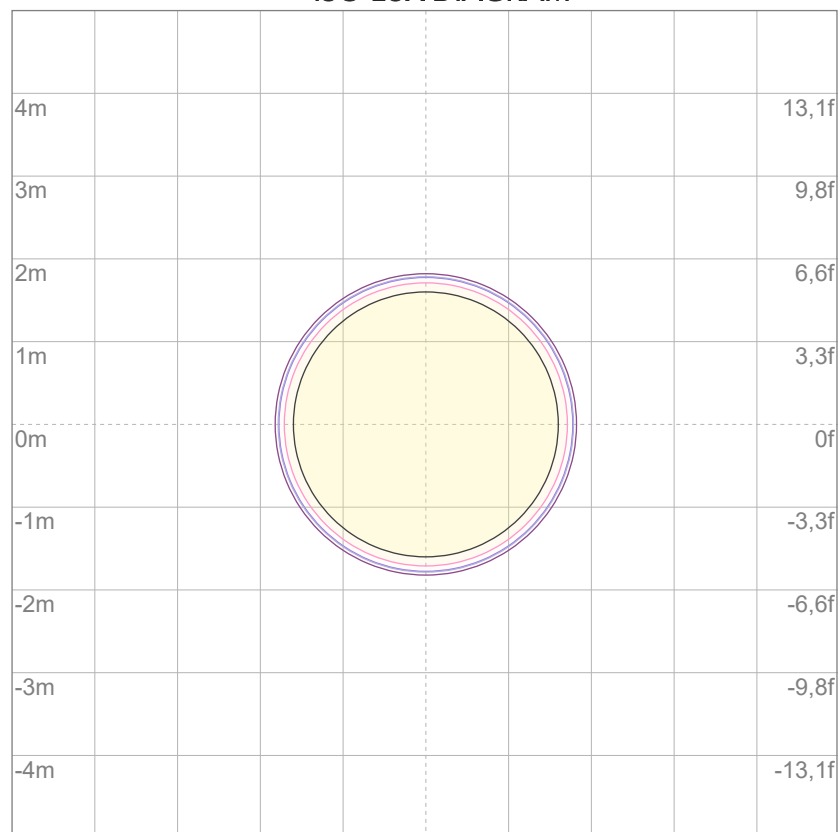
10%	15103 cd
20%	30206 cd
30%	45309 cd
40%	60412 cd
50%	75515 cd
60%	90618 cd
70%	105721 cd
80%	120824 cd

Conditions:

Number of c-planes: 2

Candela at center: 151030 cd

ISO LUX DIAGRAM



3%	45,3 lx
5%	75,5 lx
10%	151 lx
30%	453 lx
50%	755 lx

Conditions:

Number of c-planes: 2

Lux at center: 1510 lx

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



Total lumen output:

8612 lm

Peak candela output:

959500 cd

Light quality:

CRI: 96,9

Color temperature:

2857 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

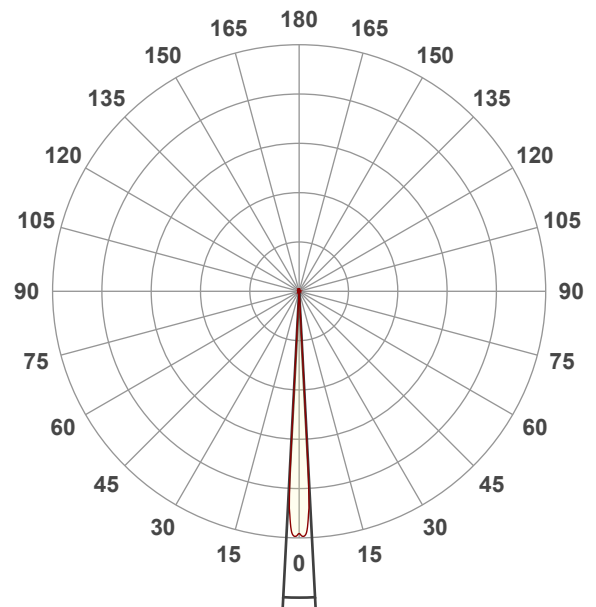
2800K - HQ

Operator:

Giuseppe della Peruta

Date and time:

19/09/2025 17:22:53

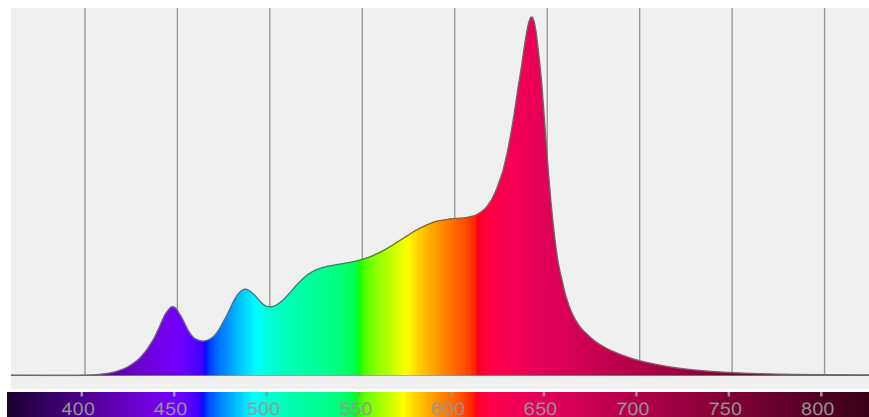


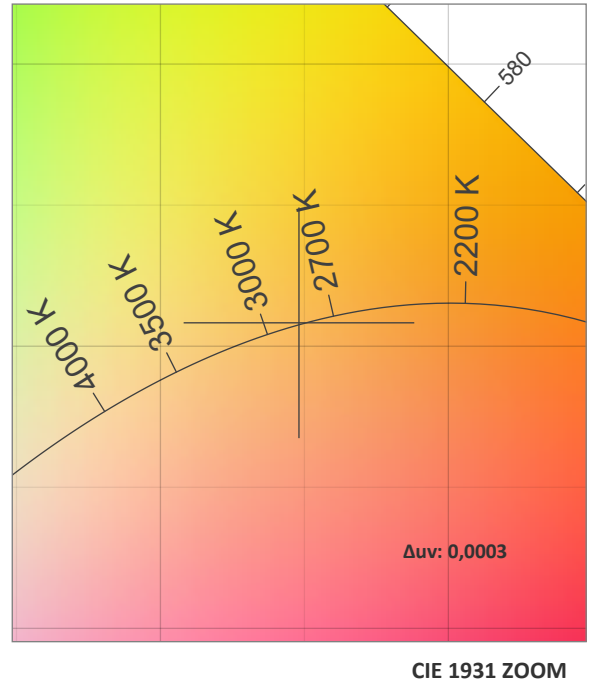
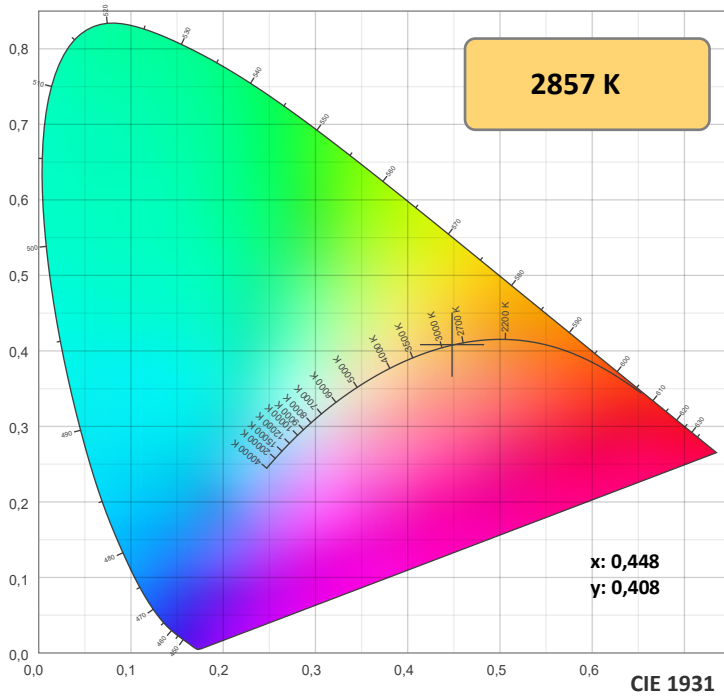
Beam angle 50%: 5,9°

Field angle 10%: 6,3°

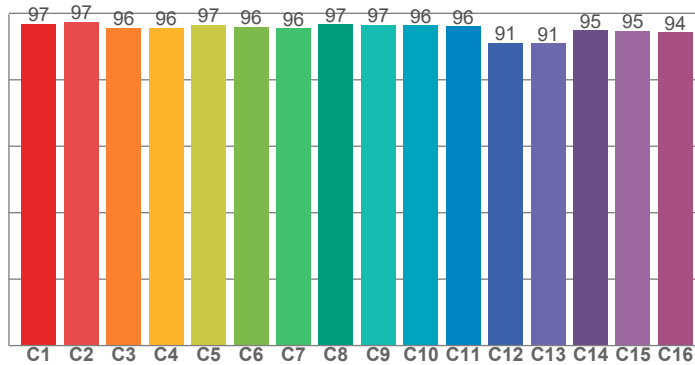
Cut off angle 2.5%: 6,6°

Spectra

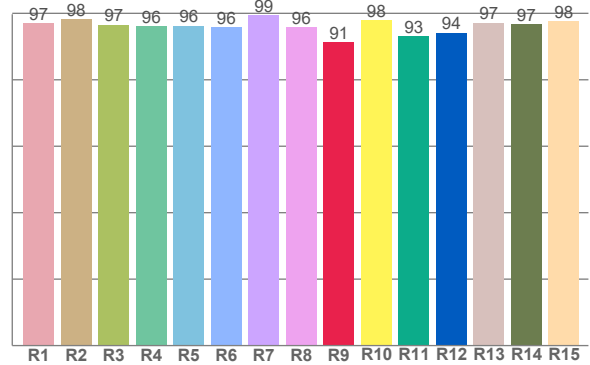




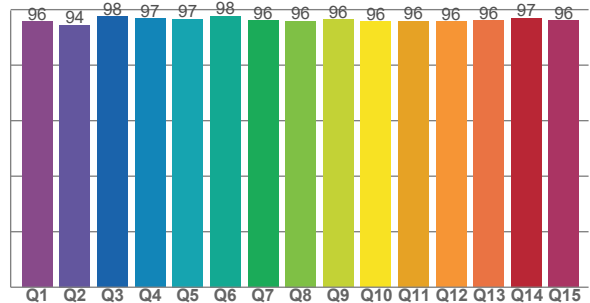
TM30: 95,6



CRI: 96,9 (R1-R8)



CQS: 96,1



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
97,0	98,3	96,6	96,1	96,3	95,8	99,4	95,8	91,2	98,0	93,1	94,2	97,2	96,8	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
96,8	97,4	95,6	95,6	96,6	95,9	95,6	96,7	96,6	96,4	96,1	91,1	91,0	94,8	94,7	94,2

CQS Q values

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

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
2857 K	96,9	91,2	95,6	100,3	96,1	93	0,448	0,408	0,0003

TM30 DETAILS

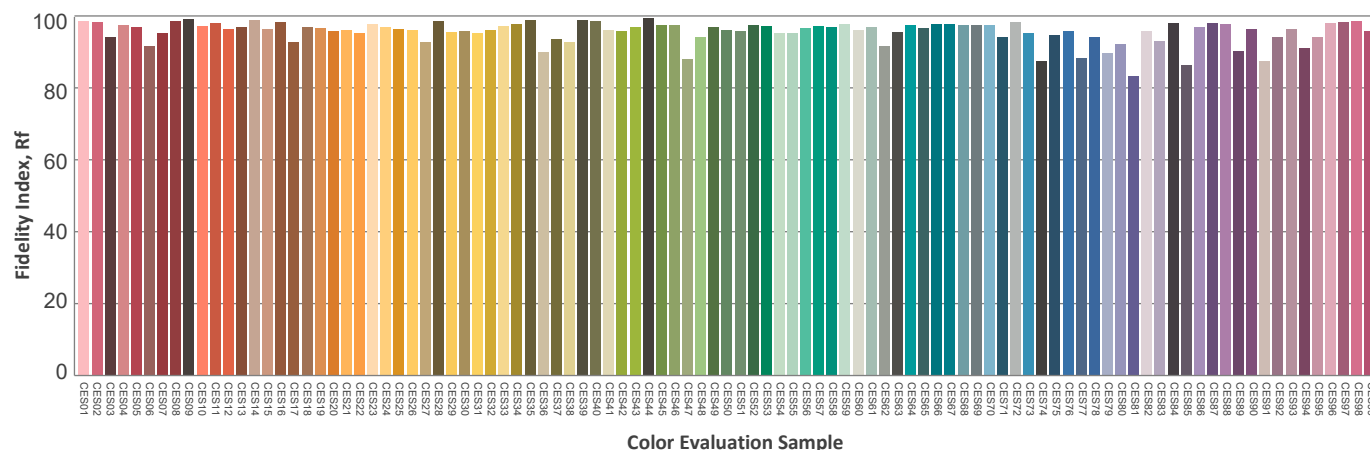
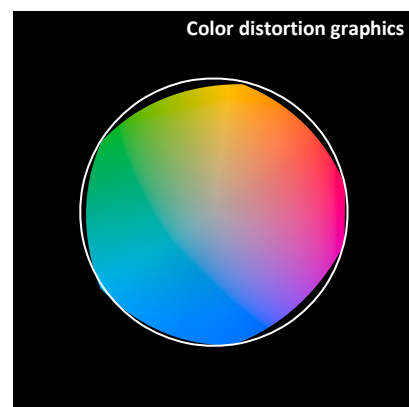
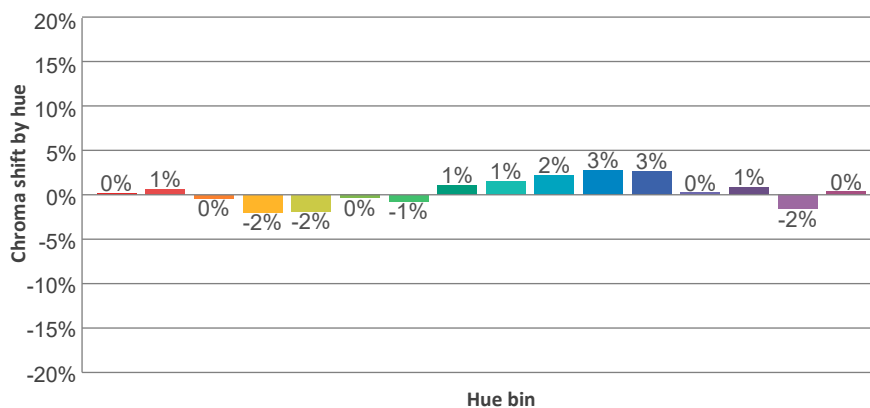
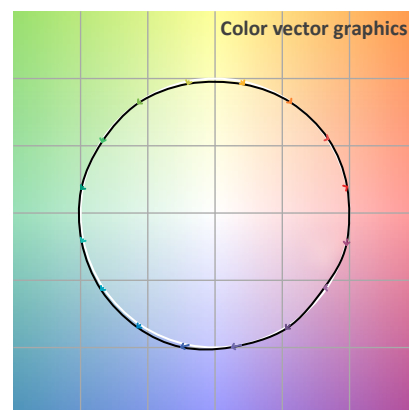
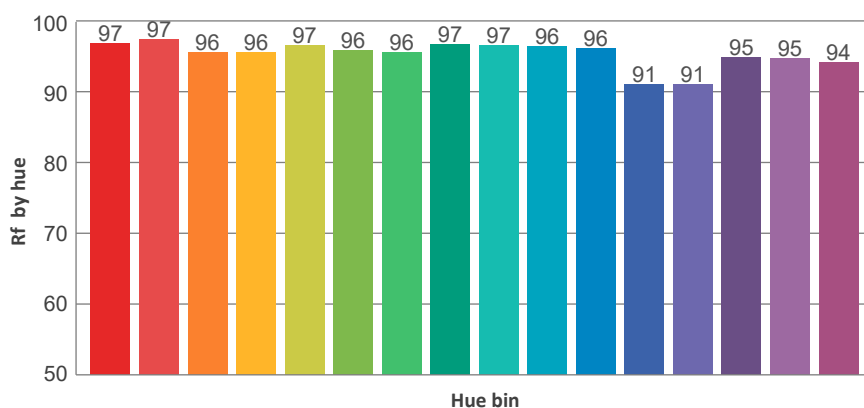
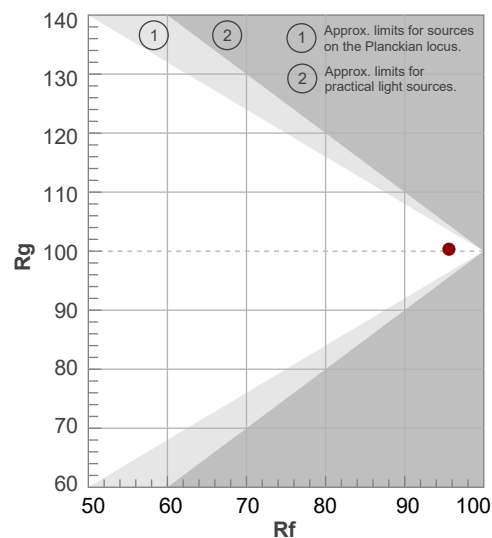
Rf 95,6

Fidelity index Rf

Rg 100,3

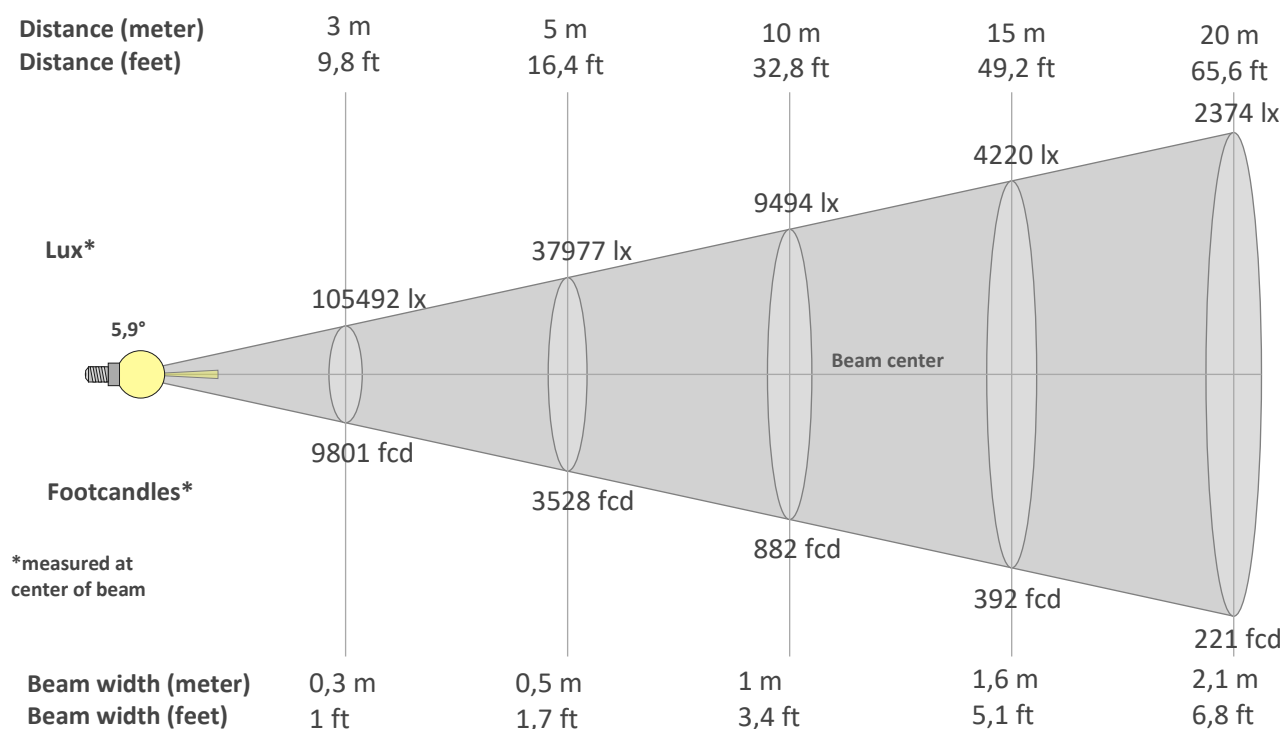
Gammut index Rg

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	-2%	1%
6	96	0%	2%
7	96	-1%	3%
8	97	1%	2%
9	97	1%	2%
10	96	2%	1%
11	96	3%	-1%
12	91	3%	-5%
13	91	0%	-7%
14	95	1%	-4%
15	95	-2%	-1%
16	94	0%	-4%



BEAM DETAILS

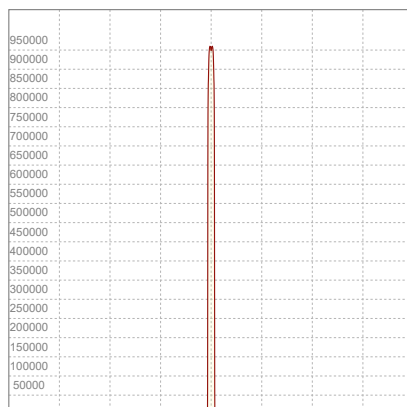
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	6,3°	6,6°	95,0%	92,9%



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	949429lx	237357lx	105492lx	59339lx	37977lx	16879lx	9494lx	4220lx	2374lx	1519lx	1055lx	593lx	380lx
Footcand.	88205fcd	22051fcd	9801fcd	5513fcd	3528fcd	1568fcd	882fcd	392fcd	221fcd	141fcd	98fcd	55fcd	35fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,6m	2,1m	2,6m	3,1m	4,2m	5,2m
Beam wid.	0,3ft	0,7ft	1ft	1,4ft	1,7ft	2,6ft	3,4ft	5,1ft	6,8ft	8,5ft	10,2ft	13,6ft	17ft

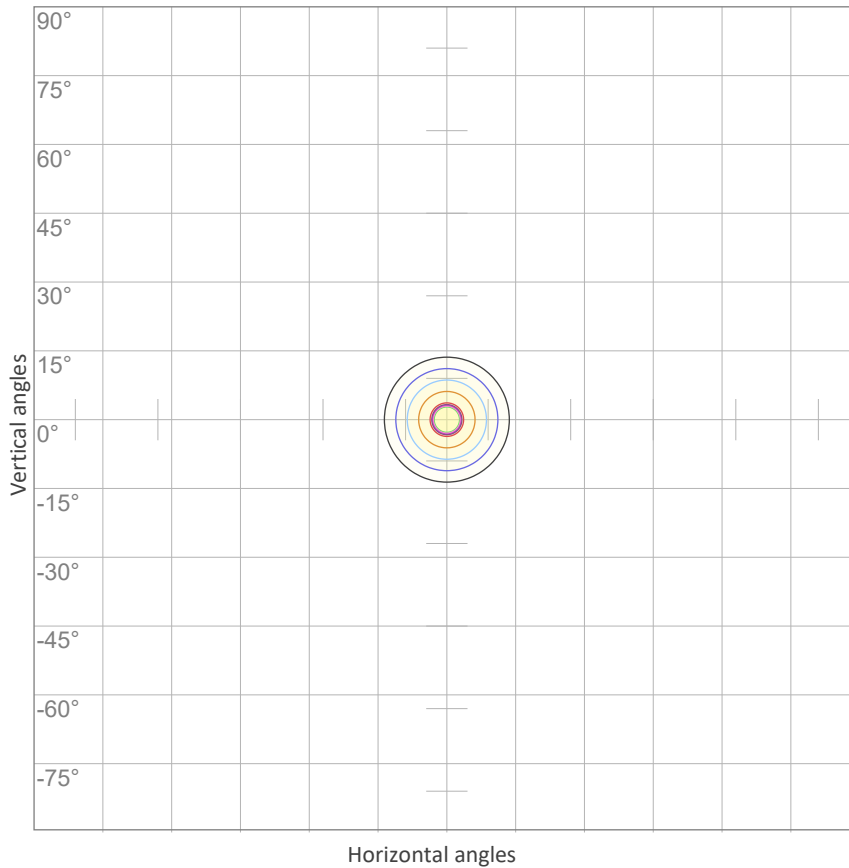
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
225V	3,28A	723,4W	0,98	12lm/W

ISO CANDELA DIAGRAM



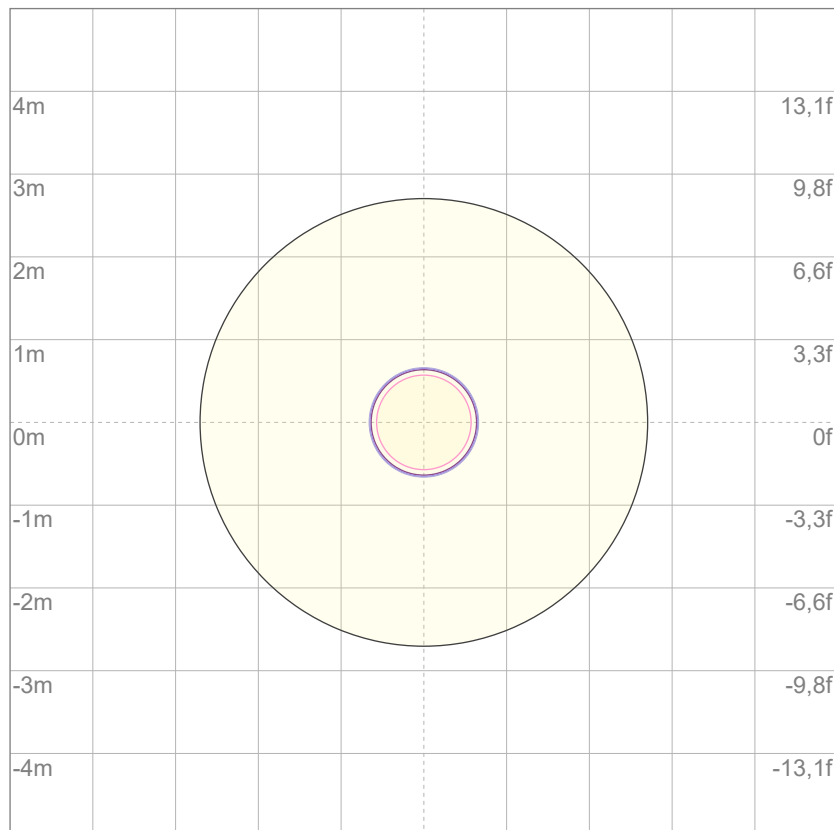
10%	94943 cd
20%	189886 cd
30%	284829 cd
40%	379772 cd
50%	474715 cd
60%	569658 cd
70%	664601 cd
80%	759543 cd
90%	854486 cd

Conditions:

Number of c-planes: 2

Candela at center: 949429 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	285 lx
5%	475 lx
10%	949 lx
30%	2848 lx
50%	4747 lx

Conditions:

Number of c-planes: 2

Lux at center: 9494 lx

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



Total lumen output:

13242 lm

Peak candela output:

24893 cd

Light quality:

CRI: 98,7

Color temperature:

3202 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

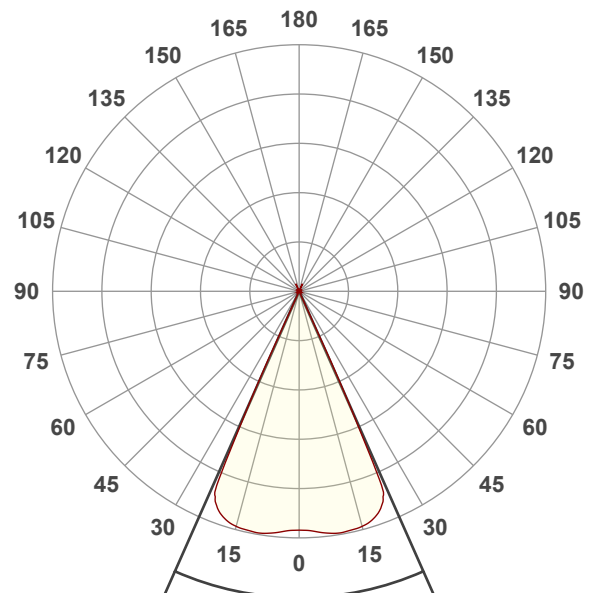
3200K - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 15:56:39

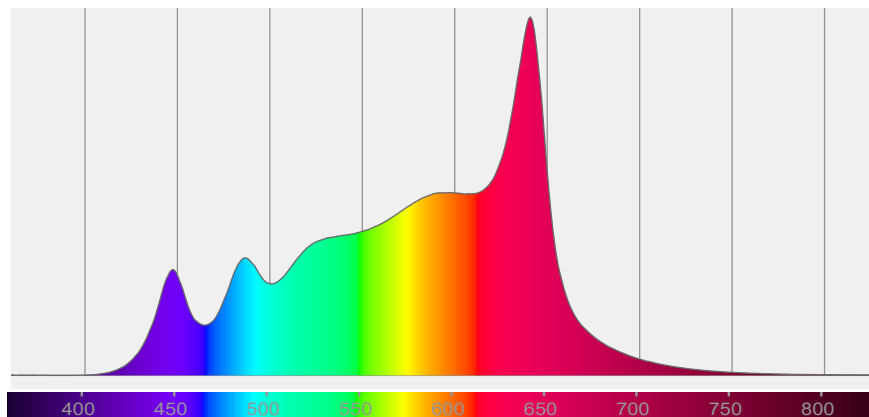


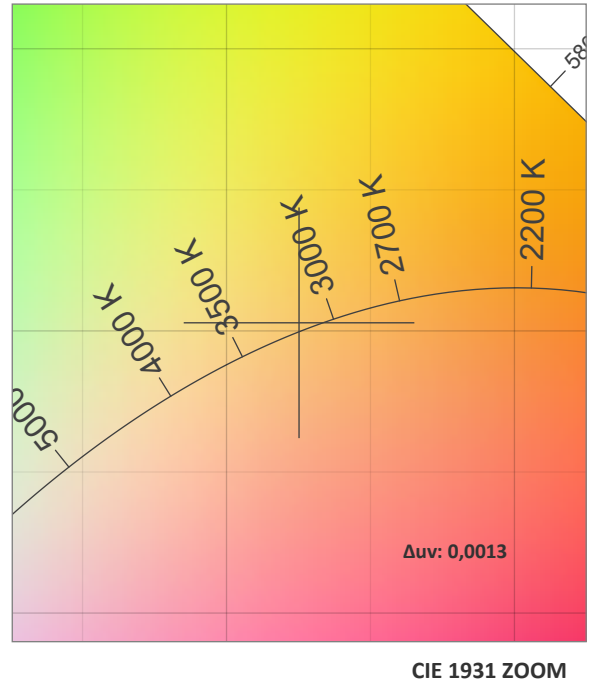
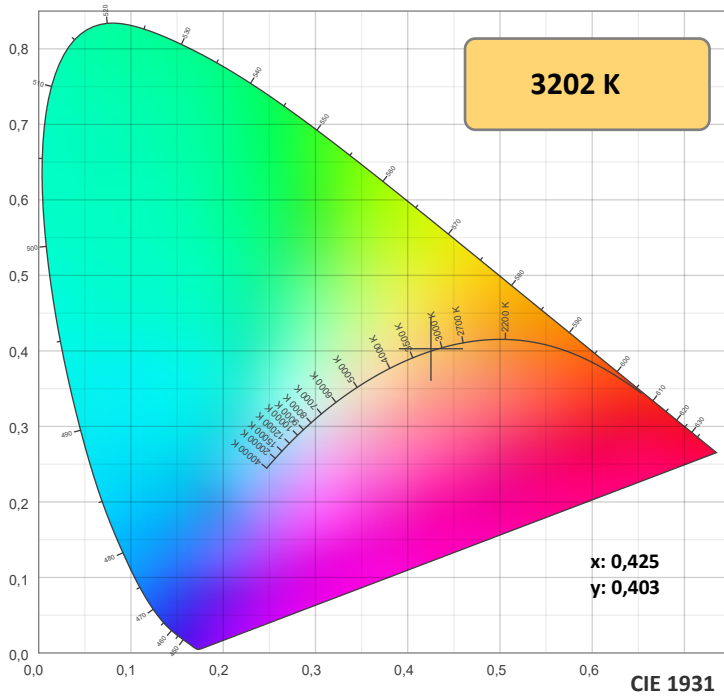
Beam angle 50%: 47,8°

Field angle 10%: 49,8°

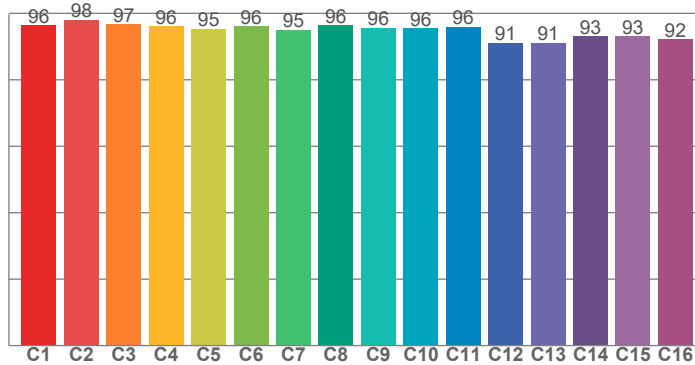
Cut off angle 2.5%: 50,1°

Spectra

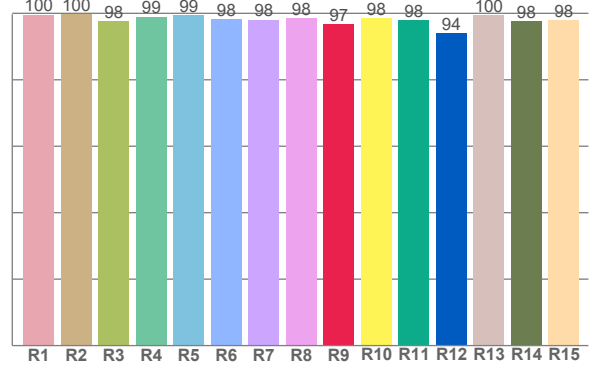




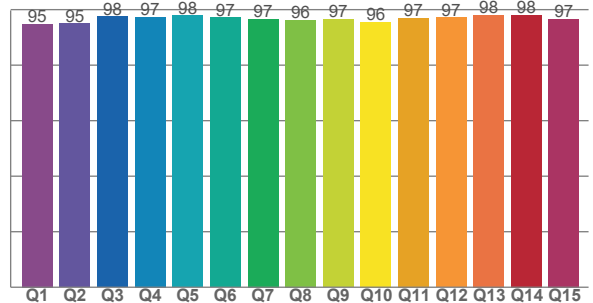
TM30: 95,3



CRI: 98,7 (R1-R8)



CQS: 96,5



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
99,6	99,7	97,5	99,0	99,5	98,1	98,1	98,5	96,8	98,5	97,8	94,1	99,5	97,6	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
96,5	98,1	96,7	96,1	95,4	96,1	95,0	96,4	95,7	95,5	96,0	91,1	91,1	93,1	93,1	92,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,9	94,9	97,6	97,3	97,9	97,1	96,7	96,3	96,5	95,6	96,9	97,2	98,0	98,0	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
3202 K	98,7	96,8	95,3	99,3	96,5	93	0,425	0,403	0,0013

TM30 DETAILS

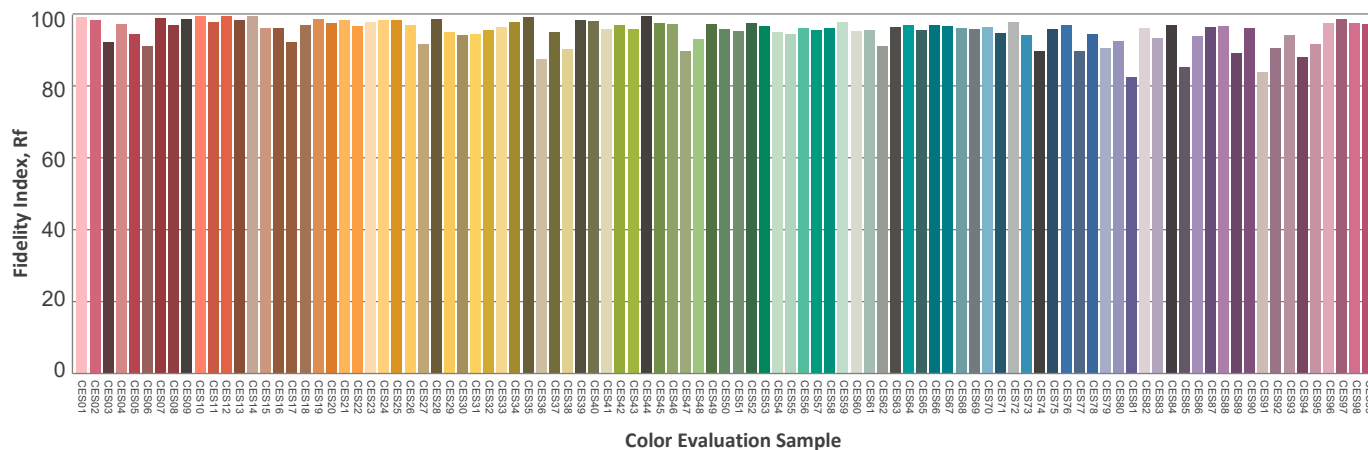
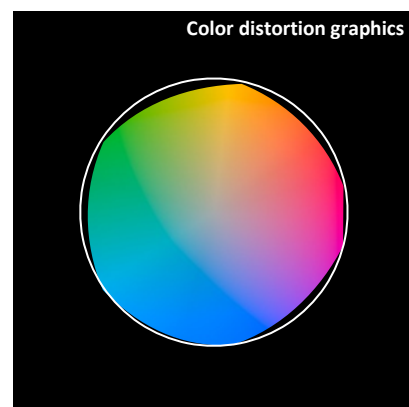
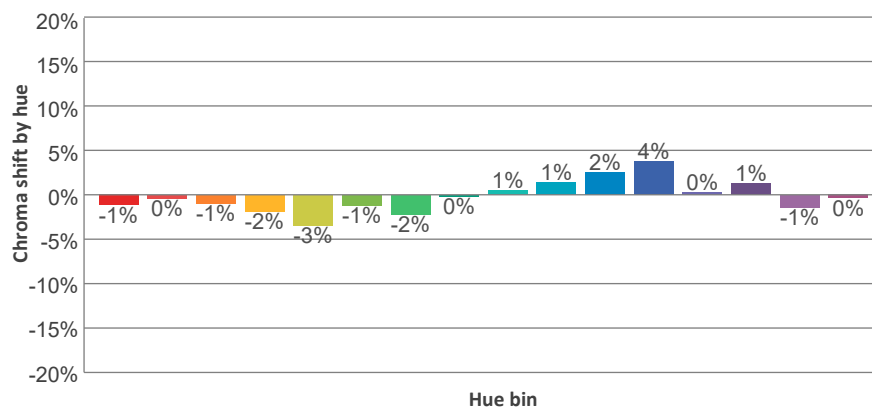
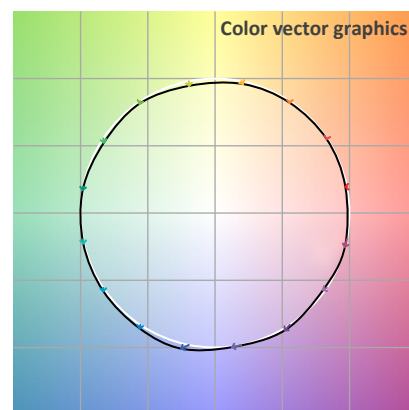
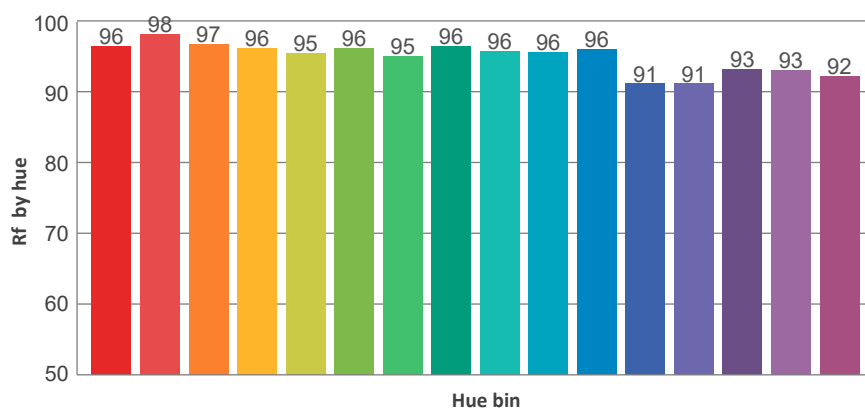
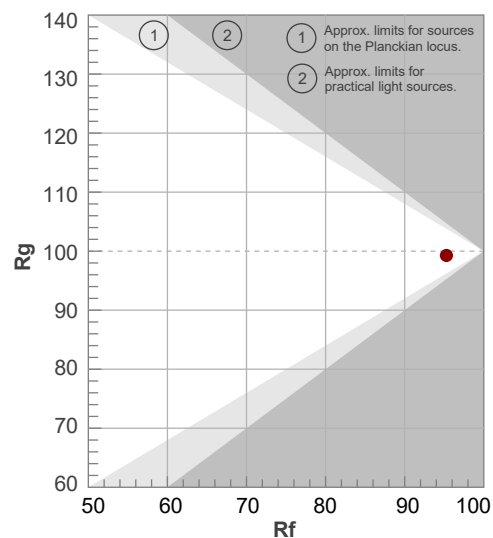
Rf 95,3

Fidelity index Rf

Rg 99,3

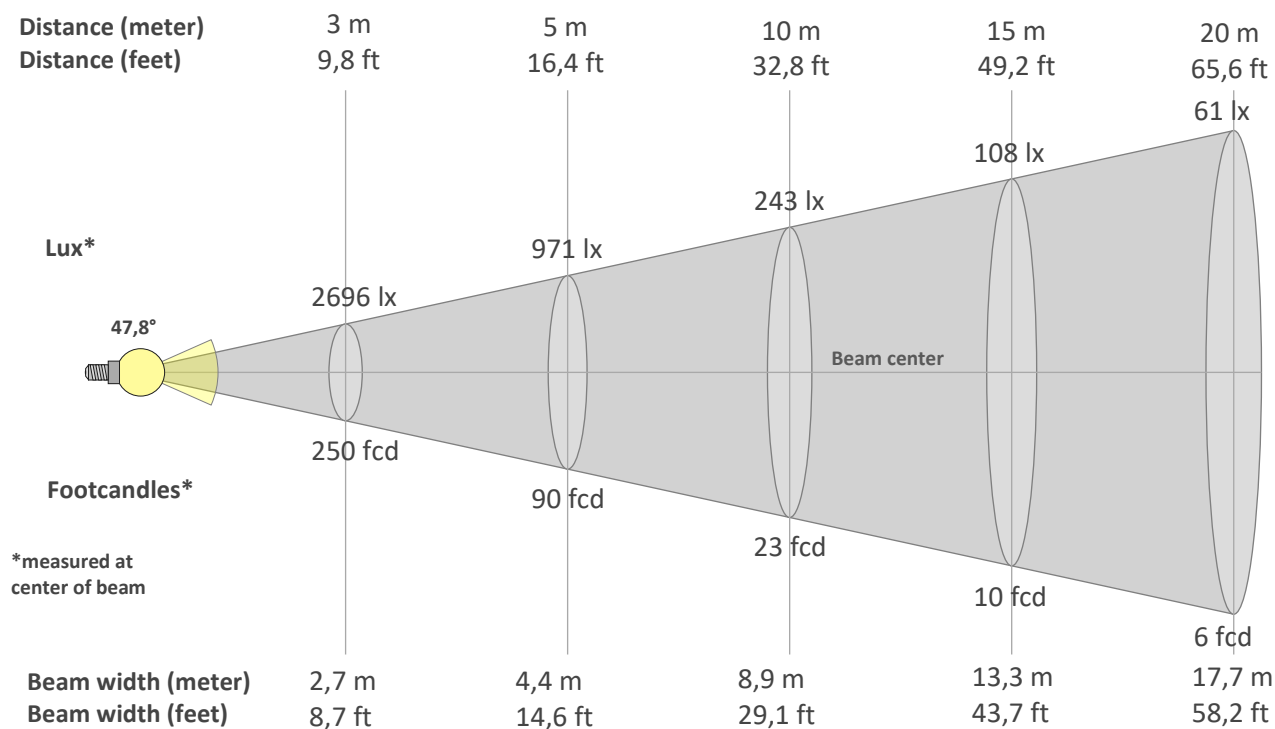
Gammut index Rg

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



BEAM DETAILS

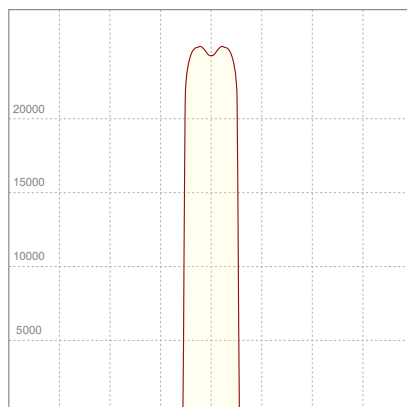
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,8°	49,8°	50,1°	99,0%	99,0%



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	2426lx	606lx	2696lx	1517lx	971lx	431lx	243lx	108lx	61lx	39lx	27lx	15lx	10lx
Footcand.	2254fcd	564fcd	250fcd	141fcd	90fcd	40fcd	23fcd	10fcd	6fcd	4fcd	3fcd	1fcd	1fcd
Beam wid.	0,9m	1,8m	2,7m	3,5m	4,4m	6,7m	8,9m	13,3m	17,7m	22,2m	26,6m	35,5m	44,4m
Beam wid.	2,9ft	5,9ft	8,7ft	11,6ft	14,6ft	21,8ft	29,1ft	43,7ft	58,2ft	72,8ft	87,3ft	116,4ft	145,5ft

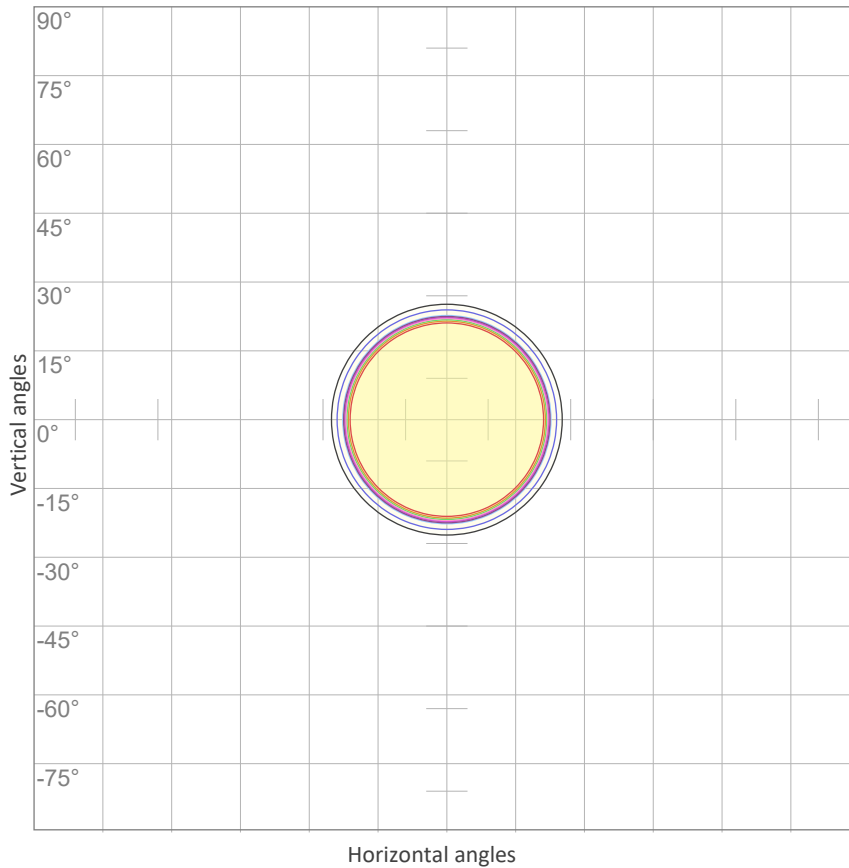
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
225V	3,48A	766,1W	0,98	17lm/W

ISO CANDELA DIAGRAM



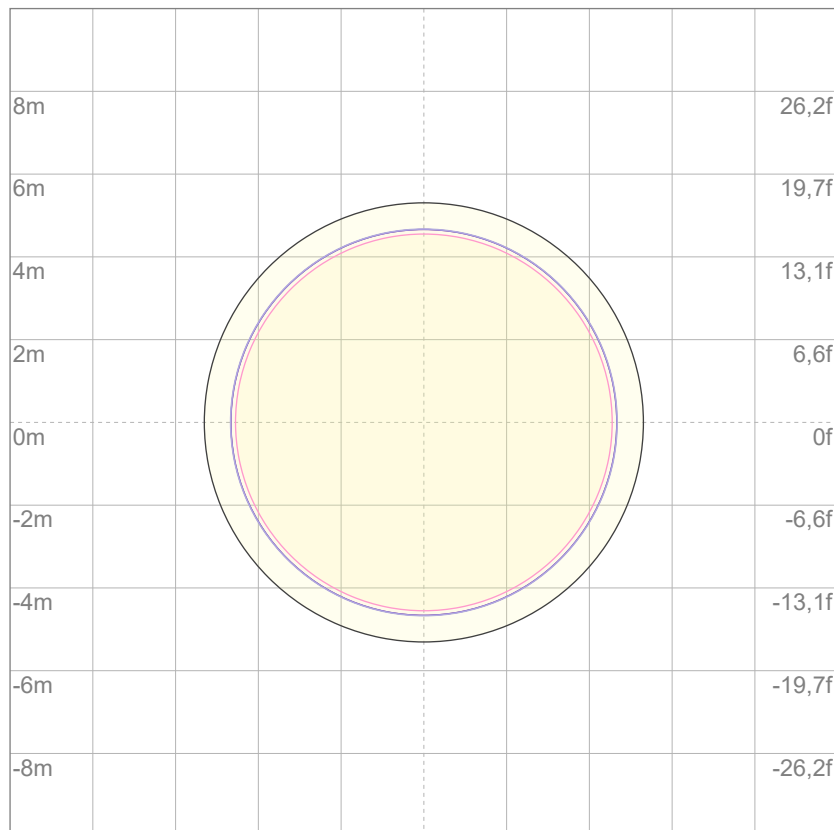
10%	2427 cd
20%	4853 cd
30%	7280 cd
40%	9706 cd
50%	12133 cd
60%	14559 cd
70%	16986 cd
80%	19413 cd
90%	21839 cd

Conditions:

Number of c-planes: 2

Candela at center: 24266 cd

ISO LUX DIAGRAM



3%	7,28 lx
5%	12,1 lx
10%	24,3 lx
30%	72,8 lx
50%	121 lx

Conditions:

Number of c-planes: 2

Lux at center: 243 lx

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



Total lumen output:

13551 lm

Peak candela output:

176574 cd

Light quality:

CRI: 98,8

Color temperature:

3230 K

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

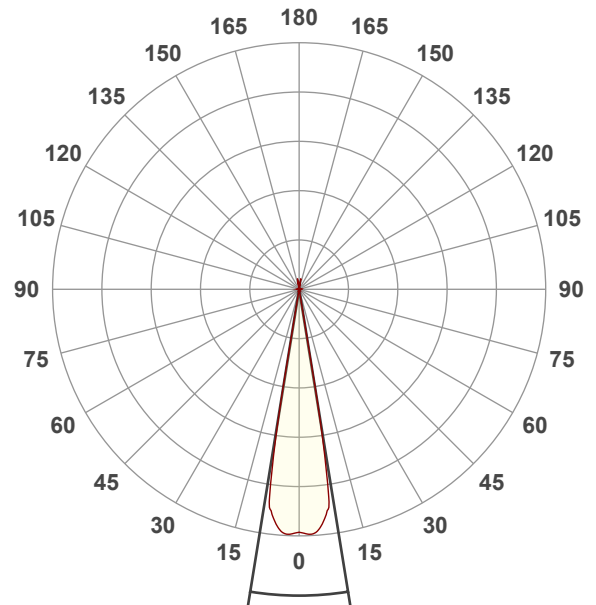
3200K - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 15:52:16

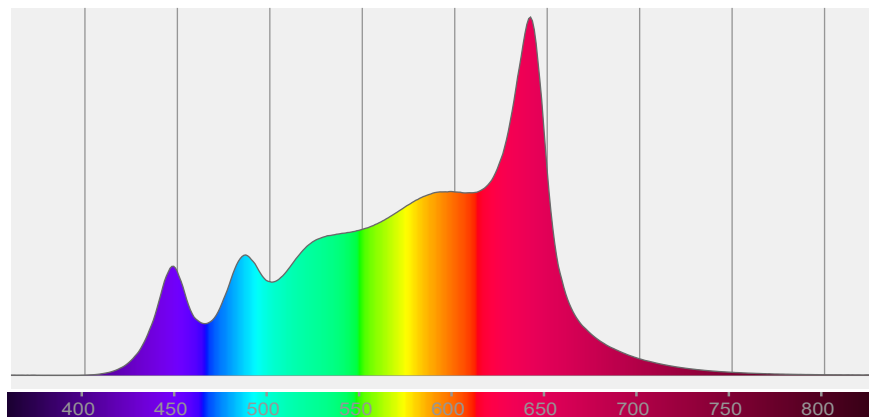


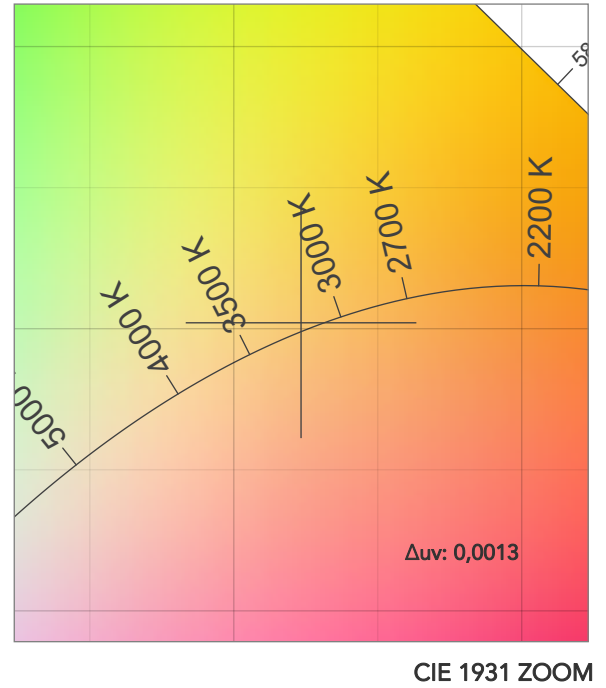
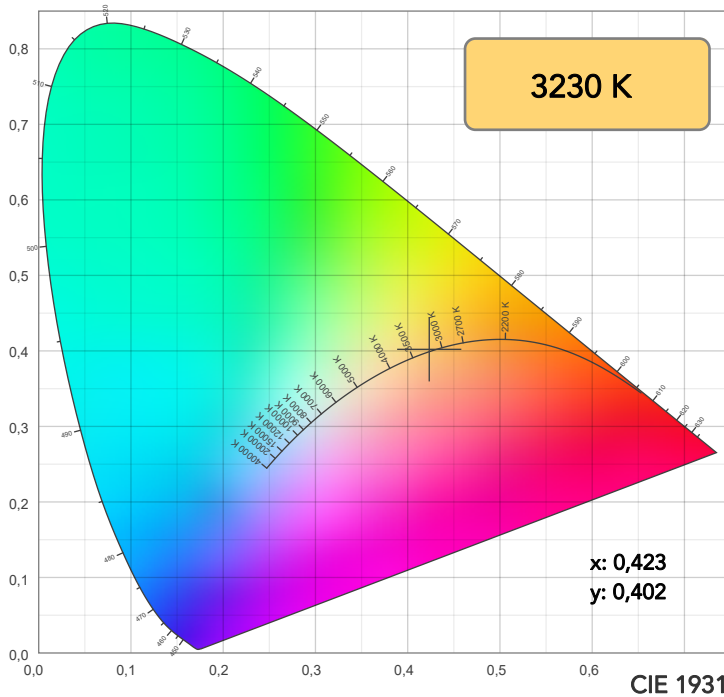
Beam angle 50%: 18,4°

Field angle 10%: 19,9°

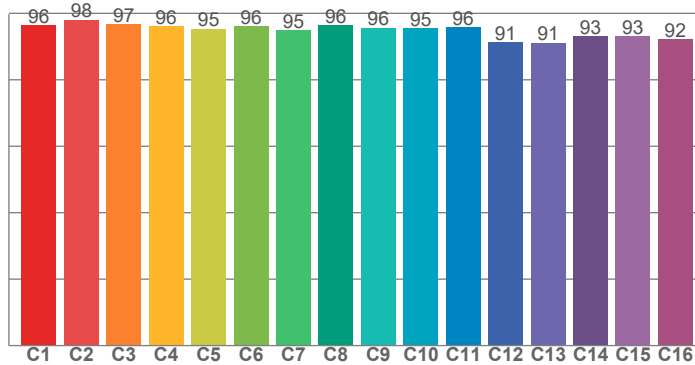
Cut off angle 2.5%: 20,1°

Spectra

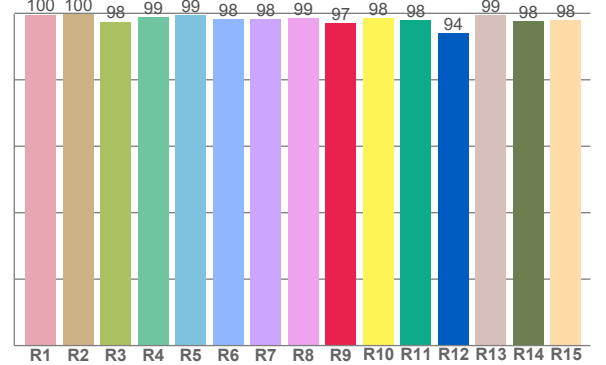




TM30: 95,2



CRI: 98,8 (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
99,6	99,7	97,5	99,0	99,5	98,2	98,1	98,6	97,1	98,5	97,9	93,9	99,5	97,6	98,0

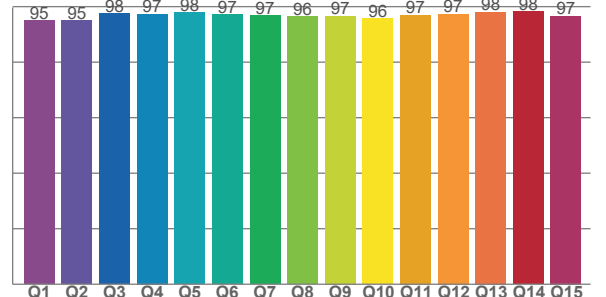
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,9	95,0	97,6	97,3	97,9	97,1	96,8	96,4	96,7	95,7	97,1	97,3	98,1	98,2	96,7

CQS: 96,6



COLOR PARAMETERS

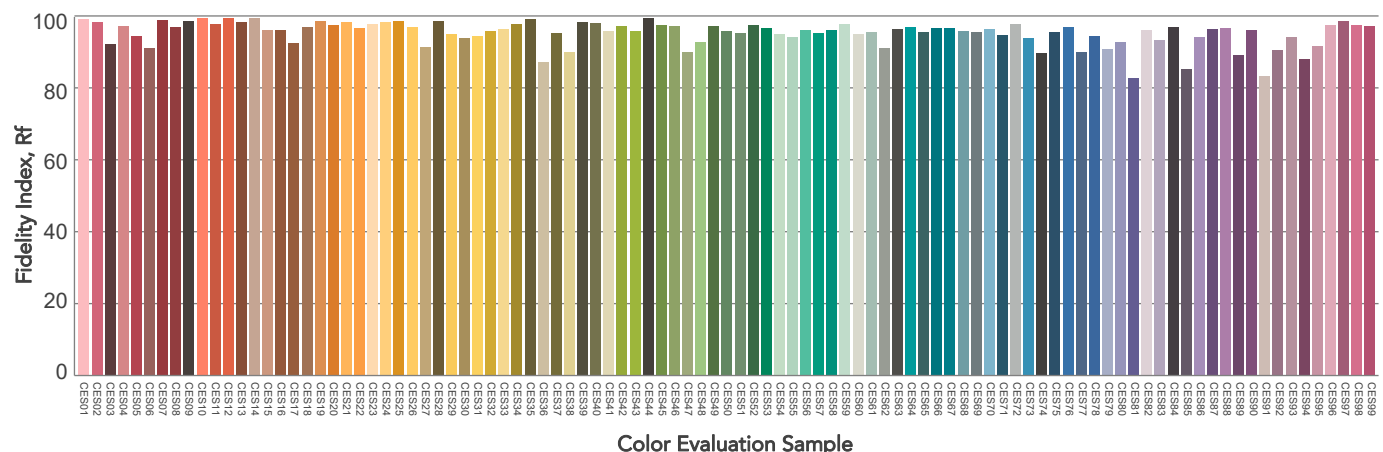
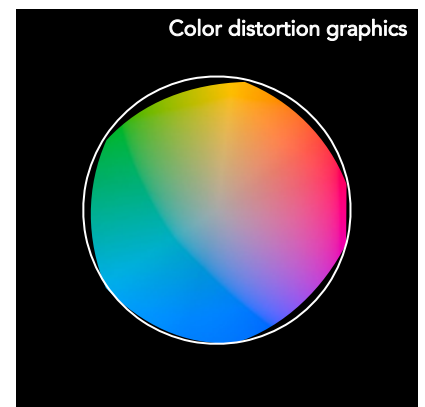
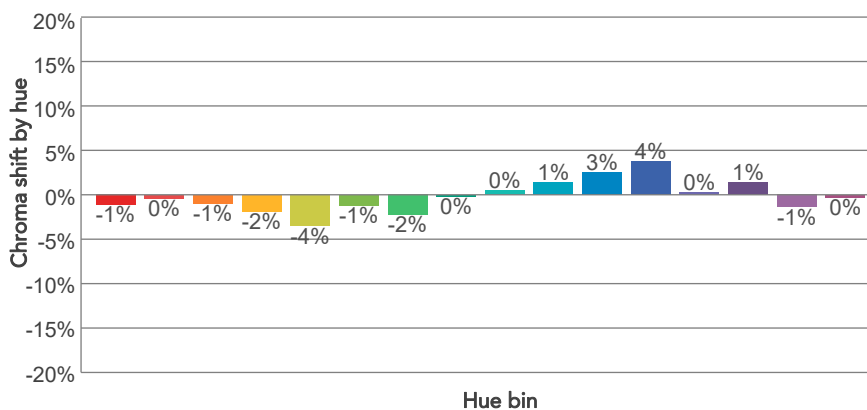
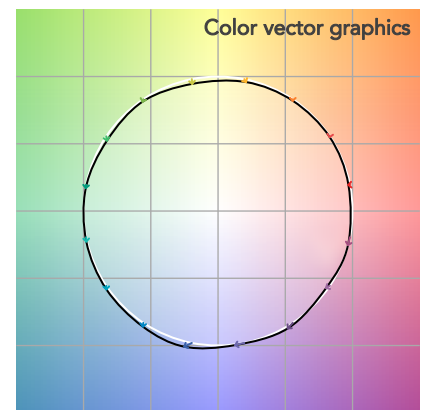
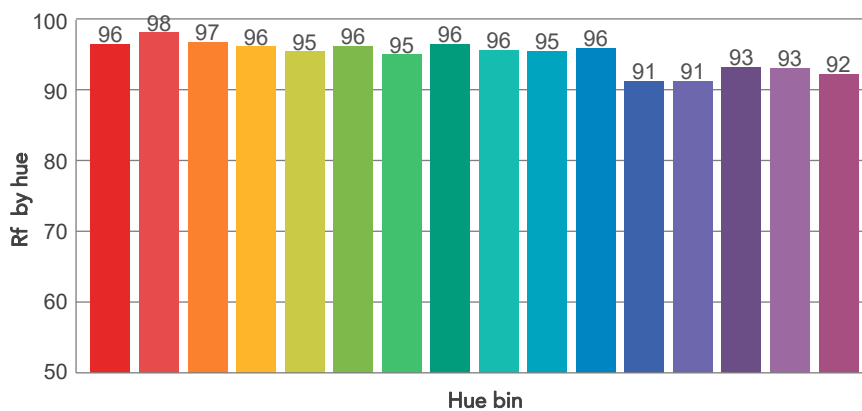
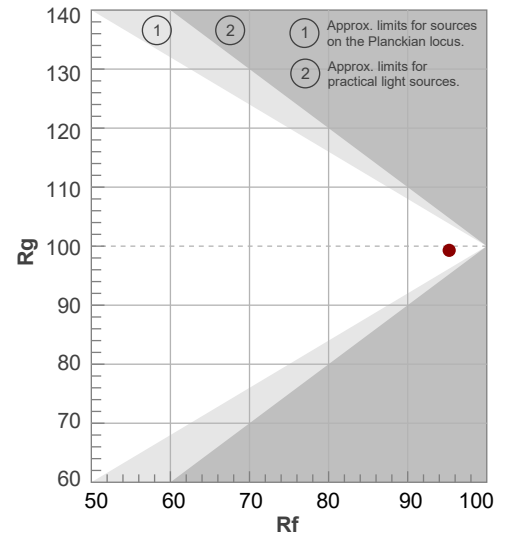
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3230 K	98,8	97,1	95,2	99,3	96,6	93	0,423	0,402	0,0013

TM30 DETAILS

Rf 95,2
Fidelity index Rf

Rg 99,3
Gammut index

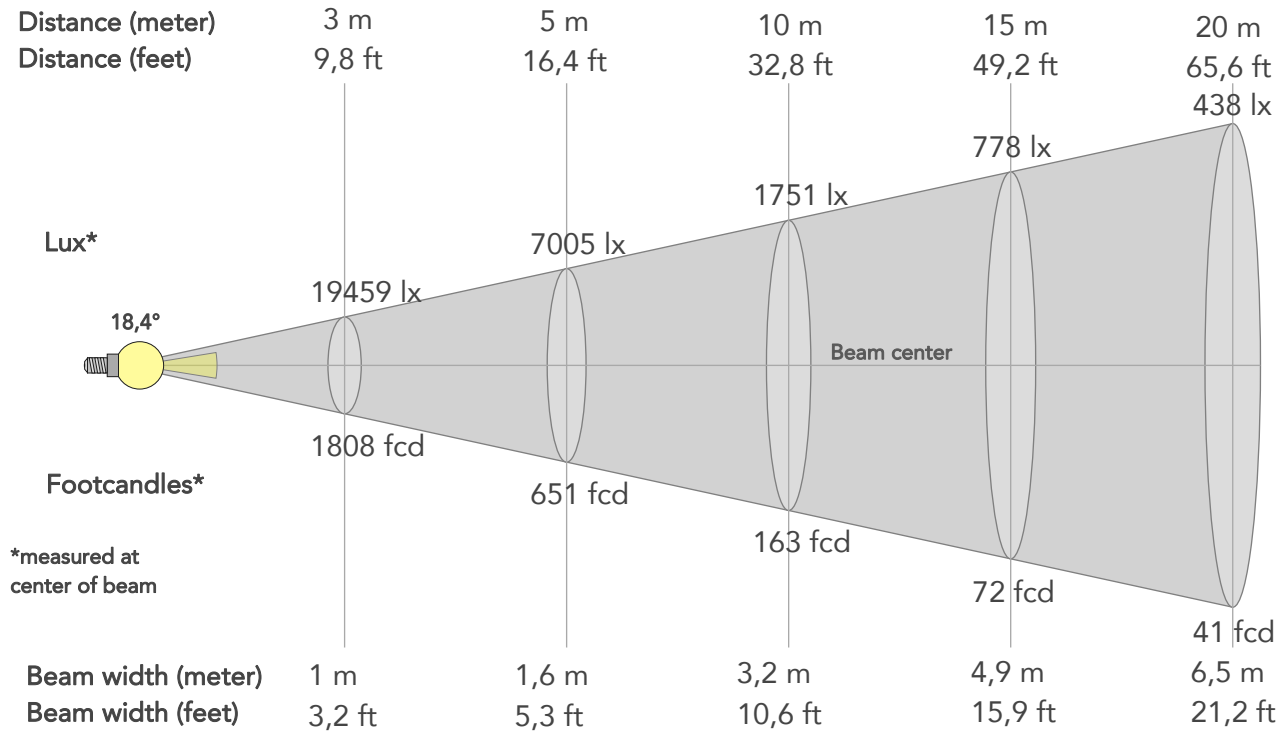
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	-1%	0%
2	98	0%	0%
3	97	-1%	-1%
4	96	-2%	-2%
5	95	-4%	0%
6	96	-1%	2%
7	95	-2%	2%
8	96	0%	2%
9	96	0%	3%
10	95	1%	2%
11	96	3%	1%
12	91	4%	-5%
13	91	0%	-7%
14	93	1%	-5%
15	93	-1%	-3%
16	92	0%	-6%



BEAM DETAILS



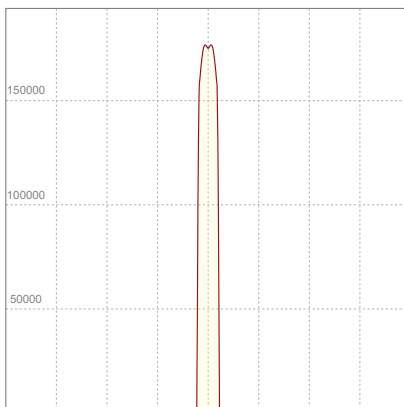
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,4°	19,9°	20,1°	99,1%	99,1%



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	175127lx	43782lx	19459lx	10945lx	7005lx	3113lx	1751lx	778lx	438lx	280lx	195lx	109lx	70lx
Footcand.	16270fcd	4067fcd	1808fcd	1017fcd	651fcd	289fcd	163fcd	72fcd	41fcd	26fcd	18fcd	10fcd	7fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,9m	6,5m	8,1m	9,7m	12,9m	16,2m
Beam wid.	1,1ft	2,1ft	3,2ft	4,2ft	5,3ft	8ft	10,6ft	15,9ft	21,2ft	26,5ft	31,8ft	42,4ft	53,1ft

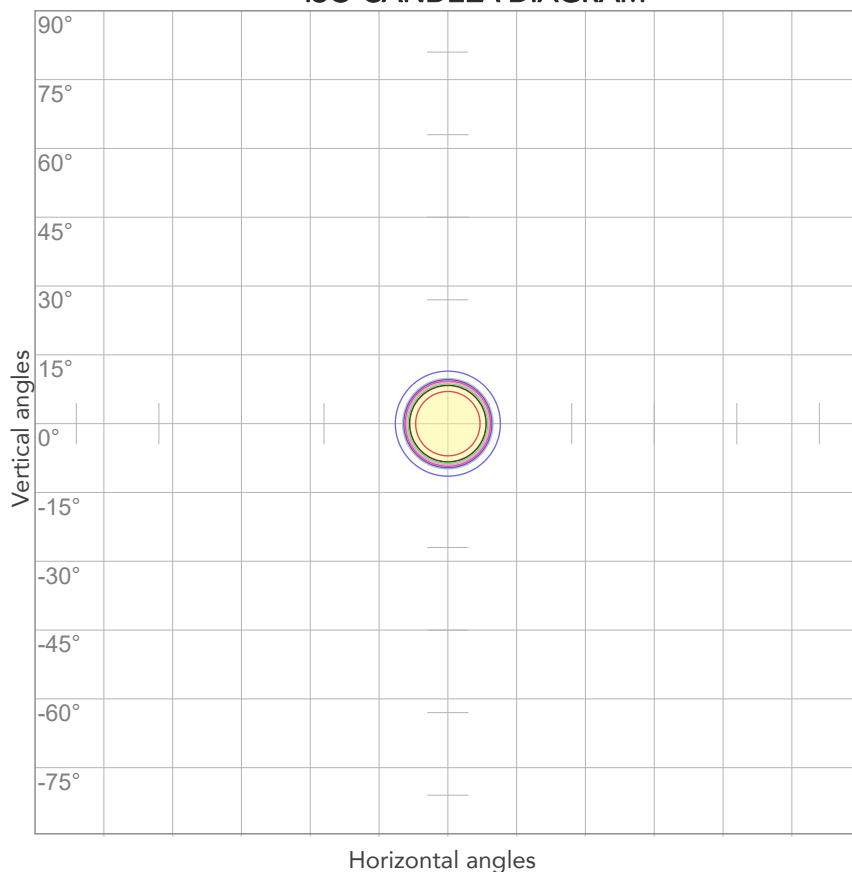
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	3,70A	822,9W	0,98	16lm/W

ISO CANDELA DIAGRAM



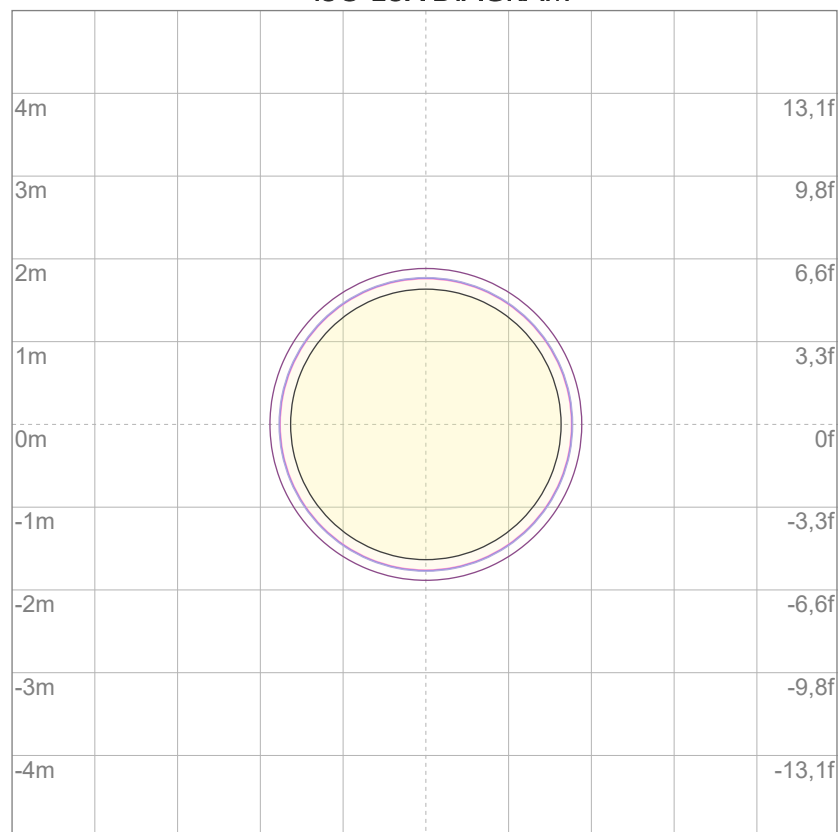
10%	17513 cd
20%	35025 cd
30%	52538 cd
40%	70051 cd
50%	87563 cd
60%	105076 cd
70%	122589 cd
80%	140101 cd

Conditions:

Number of c-planes: 2

Candela at center: 175127 cd

ISO LUX DIAGRAM



3%	52,5 lx
5%	87,6 lx
10%	175 lx
30%	525 lx
50%	876 lx

Conditions:

Number of c-planes: 2

Lux at center: 1751 lx

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



Total lumen output:

9015 lm

Peak candela output:

1106591 cd

Light quality:

CRI: 97,3

Color temperature:

3230 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

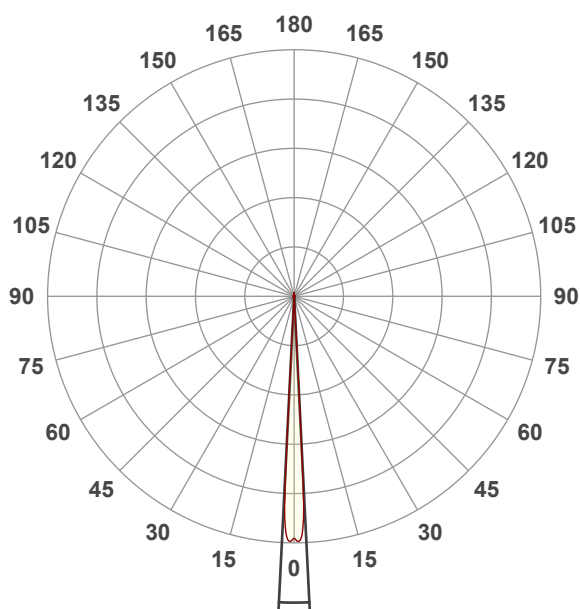
3200K - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 14:50:27

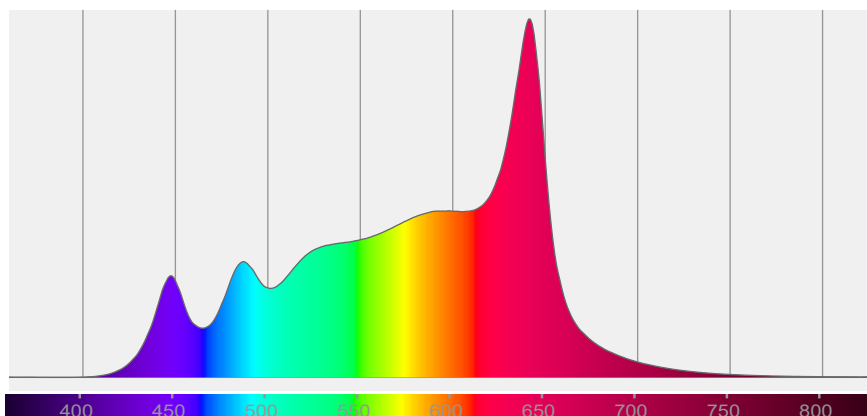


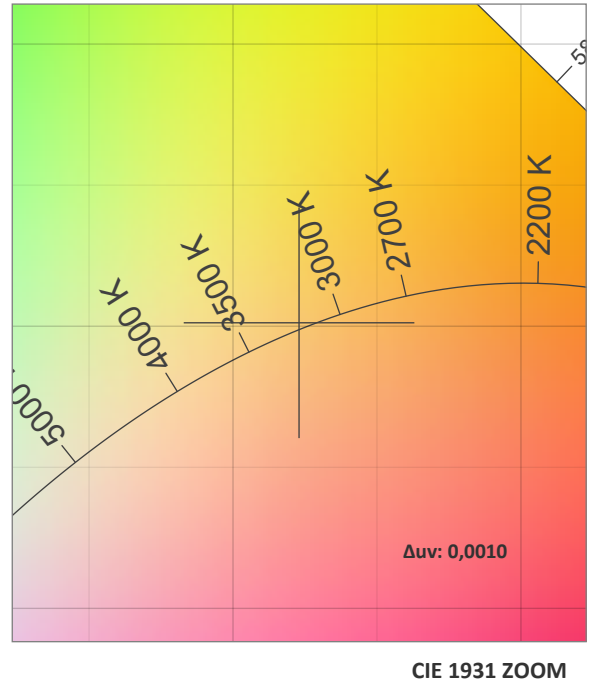
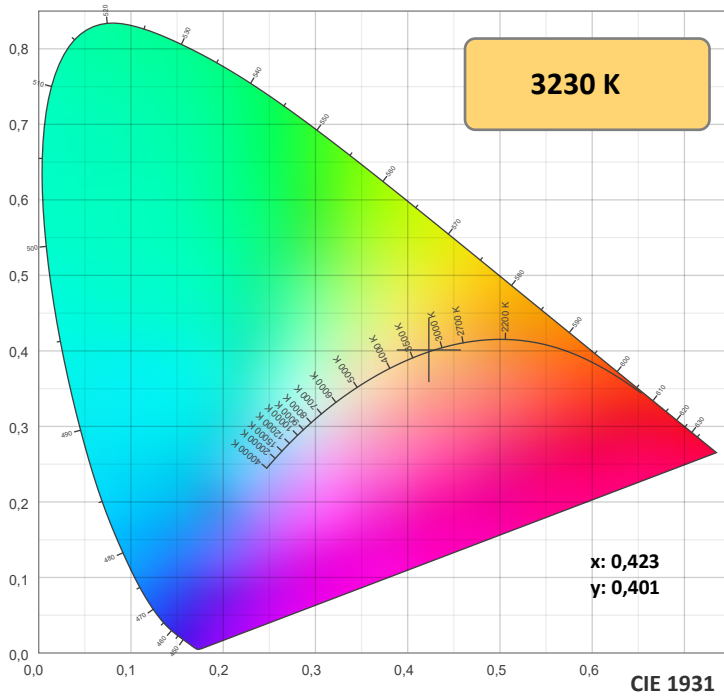
Beam angle 50%: 5,7°

Field angle 10%: 6,1°

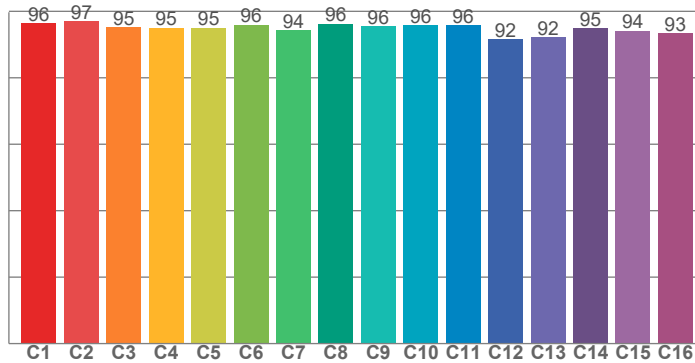
Cut off angle 2.5%: 6,2°

Spectra

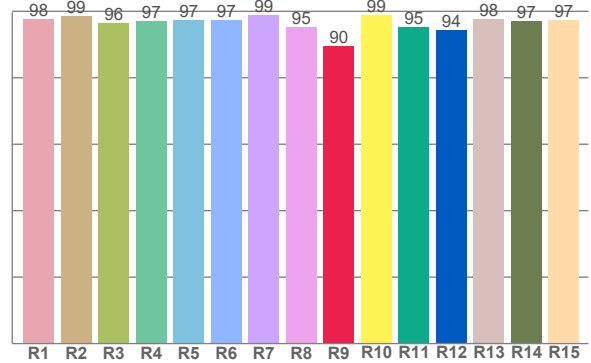




TM30: 95,2



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
97,5	98,6	96,5	97,0	97,3	97,3	98,8	95,2	89,6	98,8	95,3	94,3	97,7	96,9	97,4

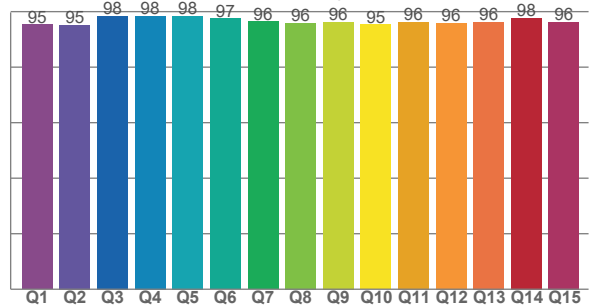
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

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

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
3230 K	97,3	89,6	95,2	100,0	96,4	94	0,423	0,401	0,0010

TM30 DETAILS

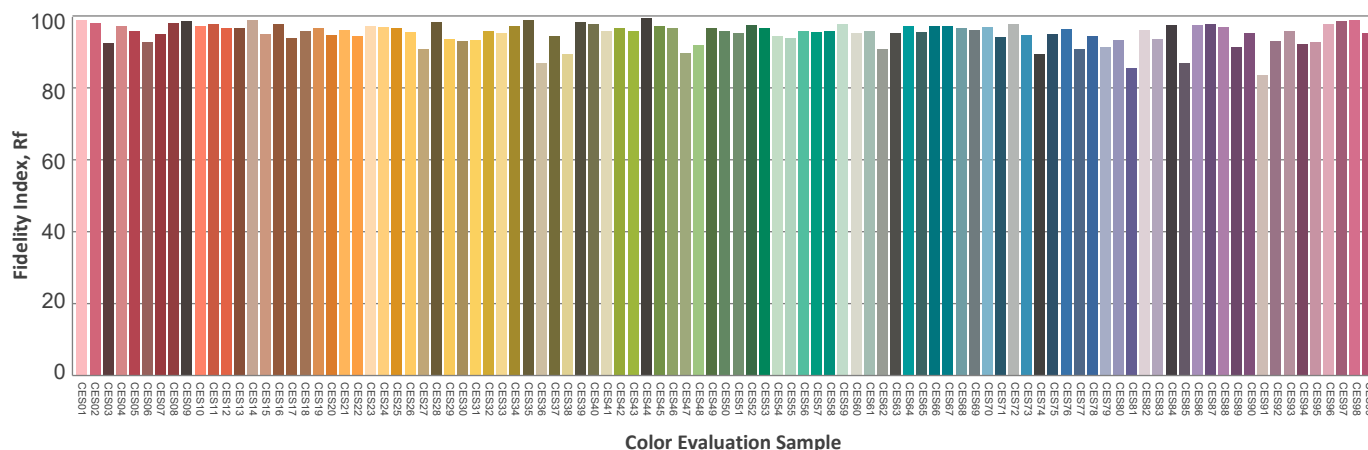
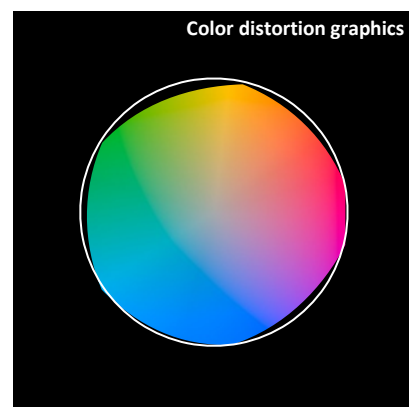
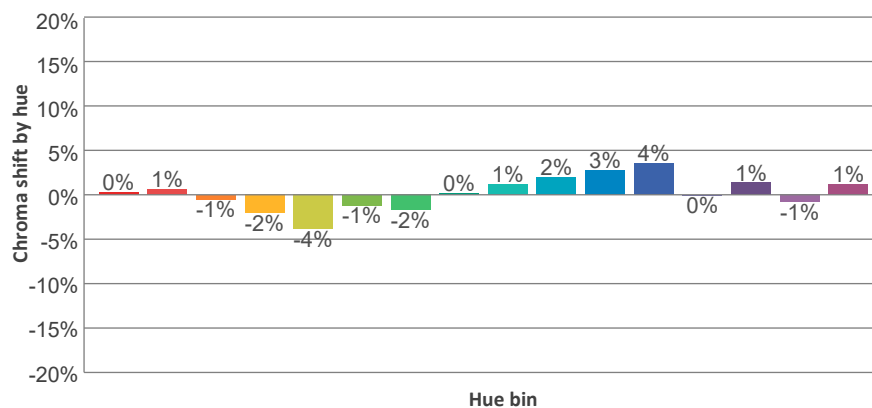
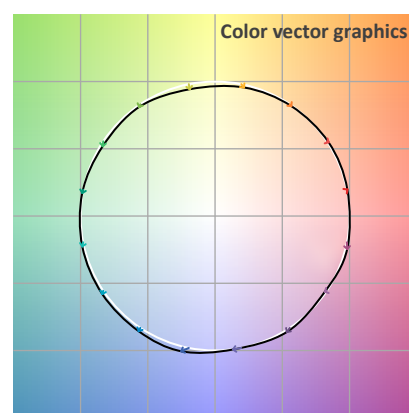
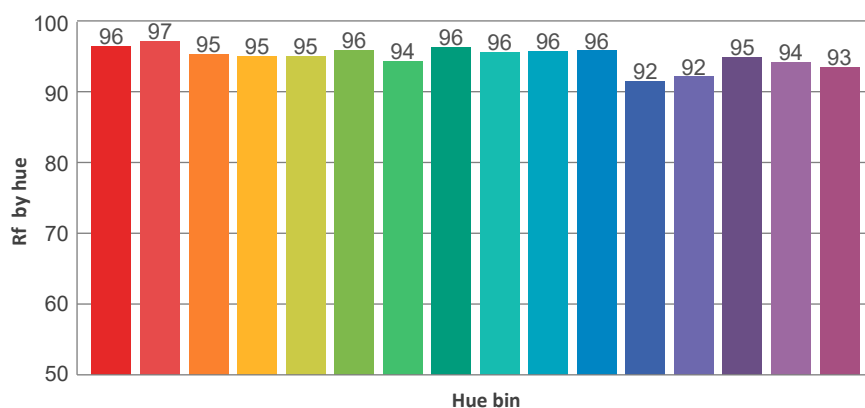
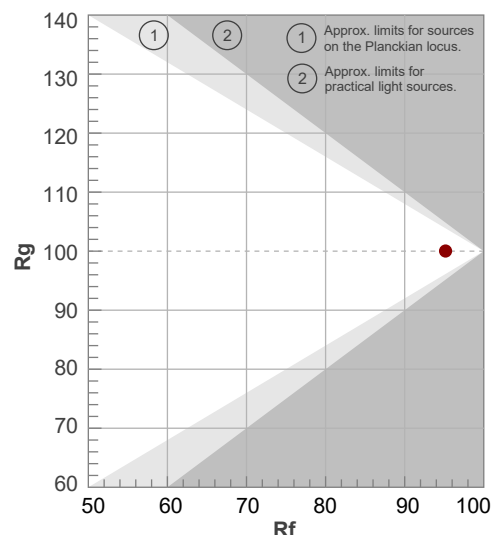
Rf 95,2

Fidelity index Rf

Rg 100,0

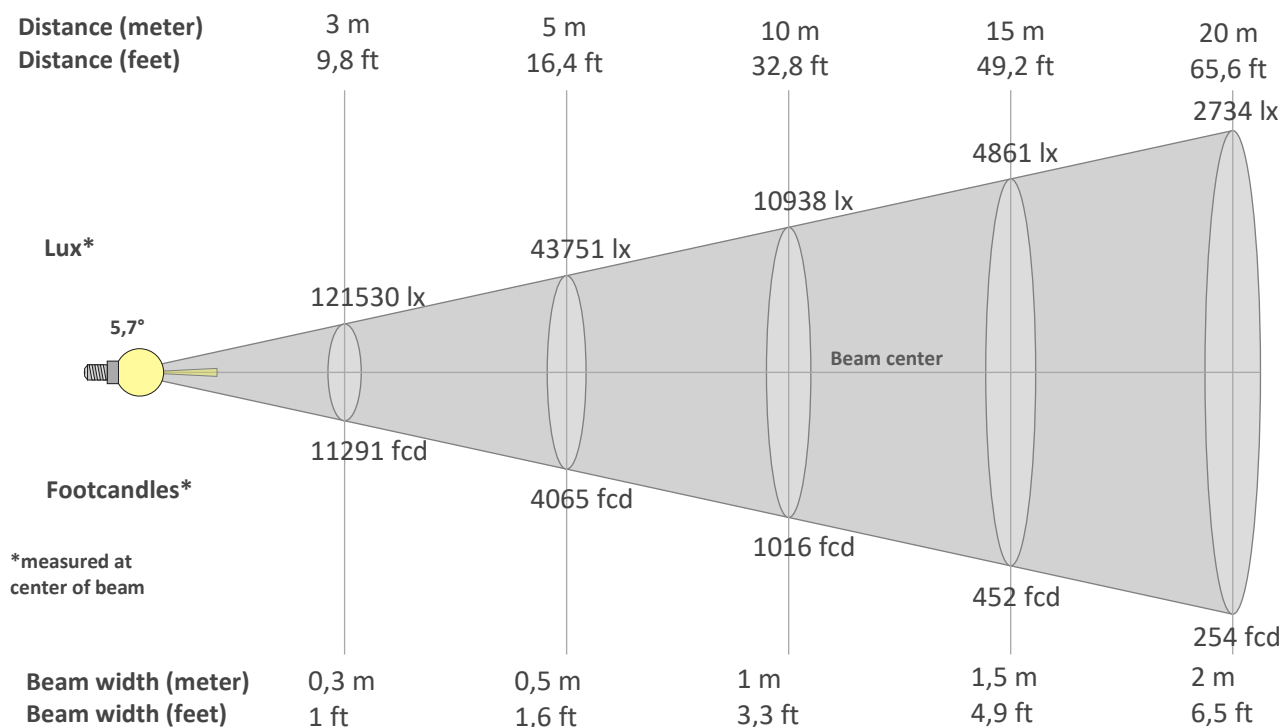
Gammut index Rg

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



BEAM DETAILS

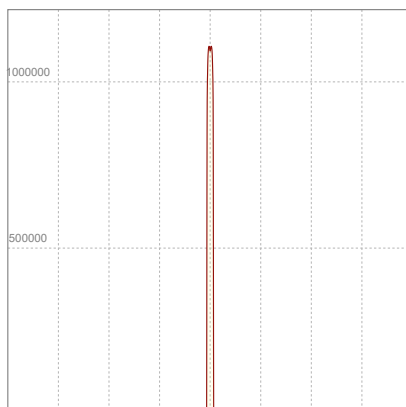
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,7°	6,1°	6,2°	96,3%	94,6%



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	1093770lx	273443lx	121530lx	68361lx	43751lx	19445lx	10938lx	4861lx	2734lx	1750lx	1215lx	684lx	438lx
Footcand.	101615fcd	25404fcd	11291fcd	6351fcd	4065fcd	1806fcd	1016fcd	452fcd	254fcd	163fcd	113fcd	64fcd	41fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,7m	1m	1,5m	2m	2,5m	3m	4m	5m
Beam wid.	0,3ft	0,7ft	1ft	1,3ft	1,6ft	2,4ft	3,3ft	4,9ft	6,5ft	8,2ft	9,8ft	13,1ft	16,3ft

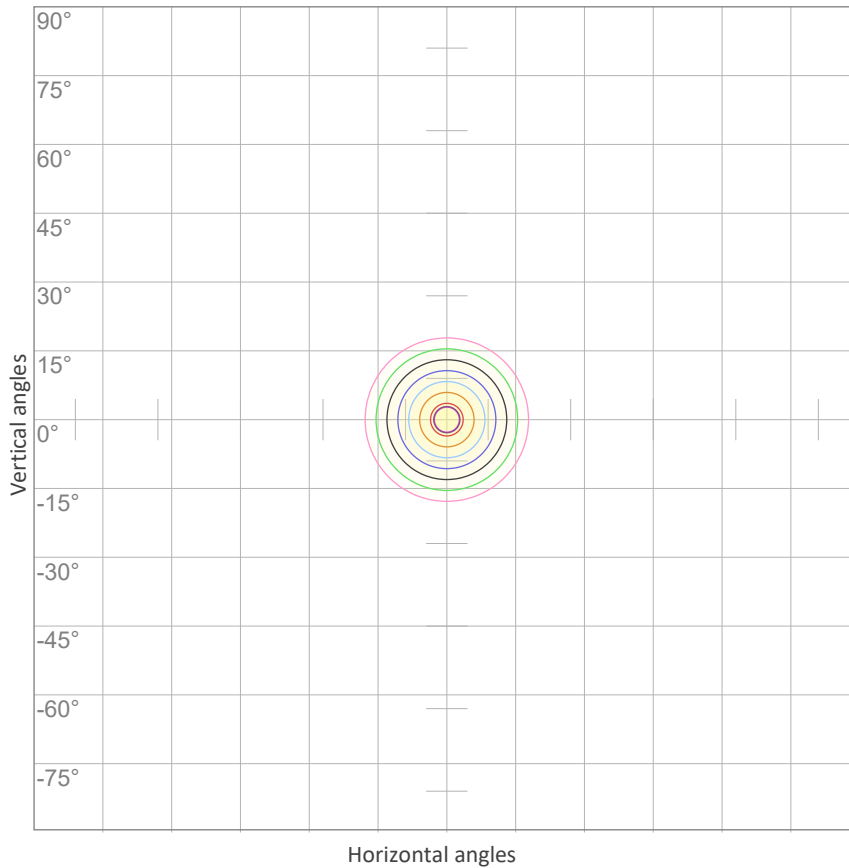
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	3,71A	823,6W	0,98	11lm/W

ISO CANDELA DIAGRAM



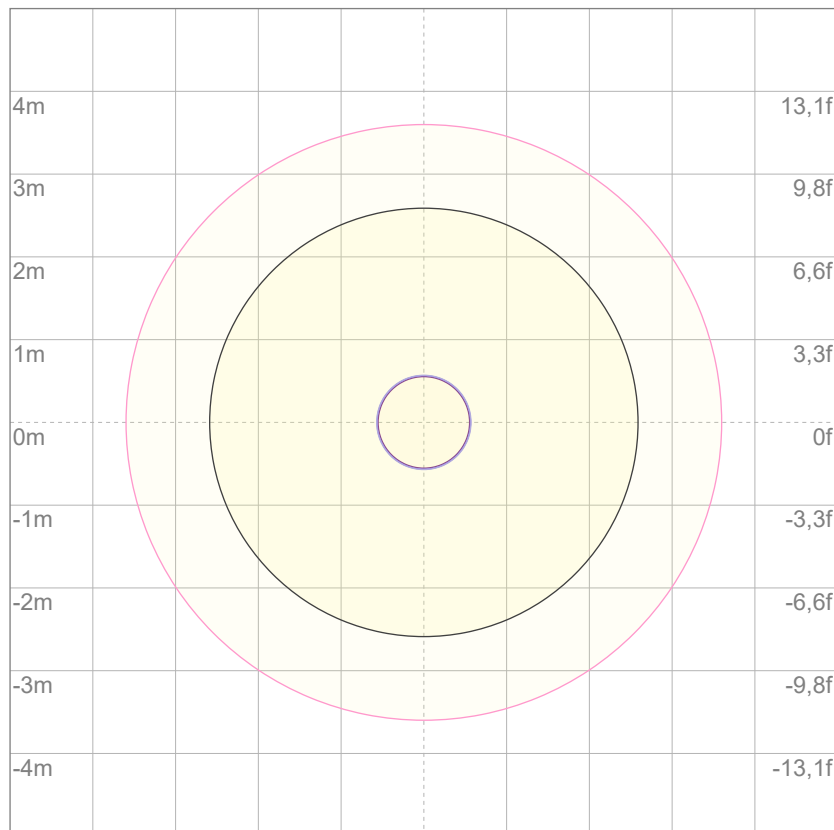
10%	109377 cd
20%	218754 cd
30%	328131 cd
40%	437508 cd
50%	546885 cd
60%	656262 cd
70%	765639 cd
80%	875016 cd
90%	984393 cd

Conditions:

Number of c-planes: 2

Candela at center: 1093770 cd

ISO LUX DIAGRAM



3%	328 lx
5%	547 lx
10%	1094 lx
30%	3281 lx
50%	5469 lx

Conditions:

Number of c-planes: 2

Lux at center: 10,9K lx

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



Total lumen output:

17190 lm

Peak candela output:

32301 cd

Light quality:

CRI: 97,9

Color temperature:

4017 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

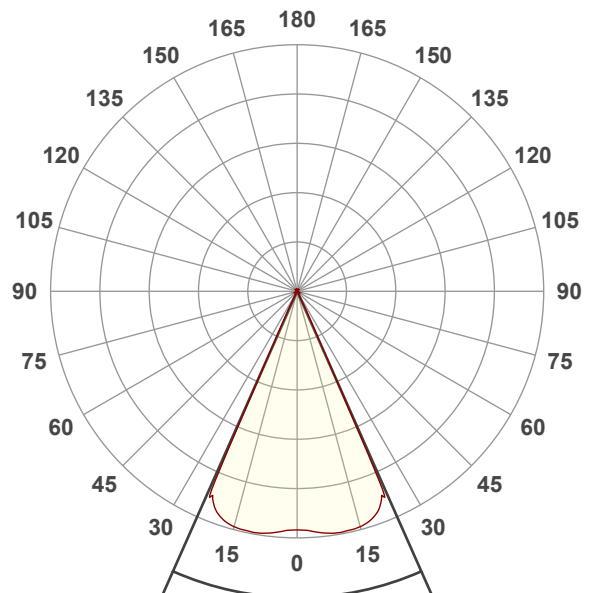
4000K - HQ

Operator:

Giuseppe della Peruta

Date and time:

19/09/2025 16:43:22

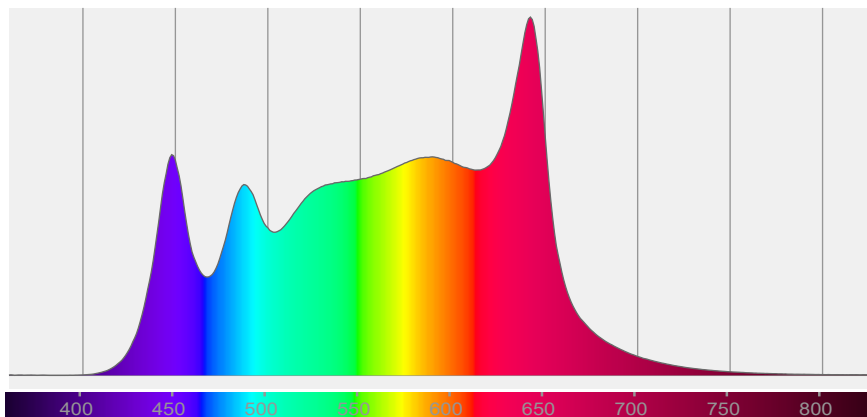


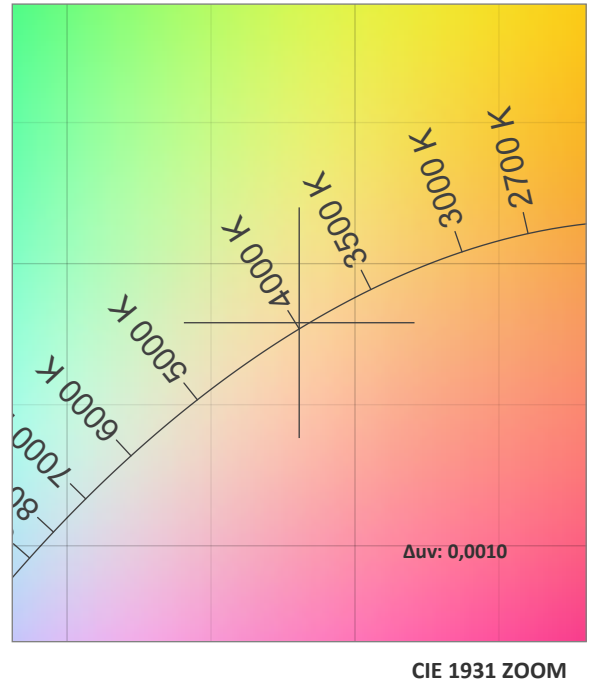
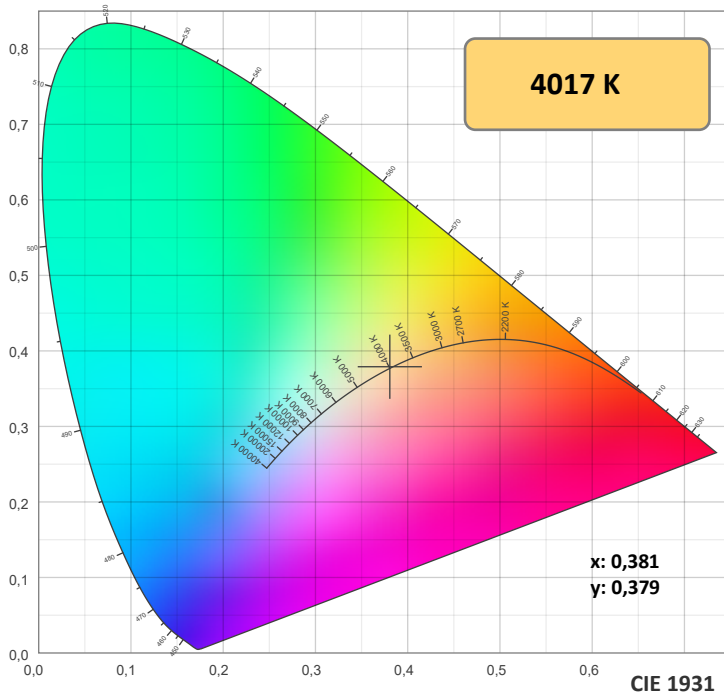
Beam angle 50%: 47,8°

Field angle 10%: 49,6°

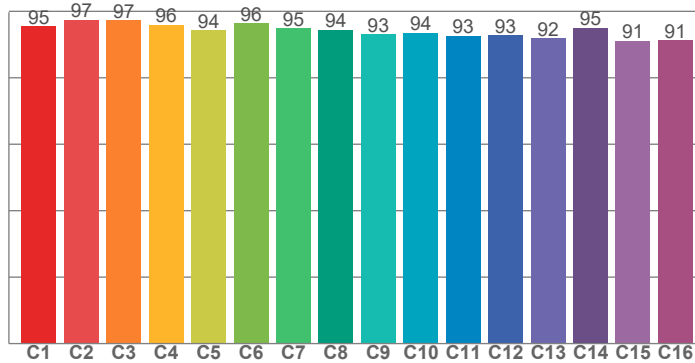
Cut off angle 2.5%: 50,5°

Spectra

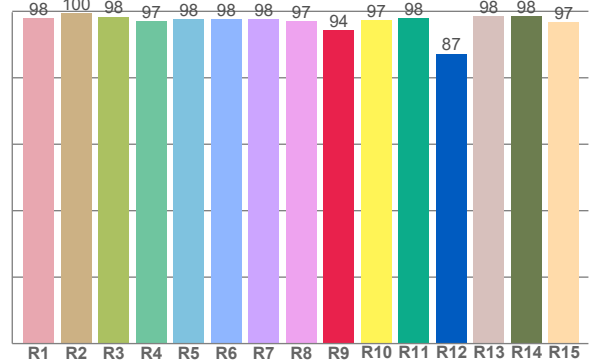




TM30: 94,3



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
98,0	99,6	98,4	97,1	97,7	97,7	97,5	97,1	94,2	97,3	97,9	87,2	98,4	98,4	96,7

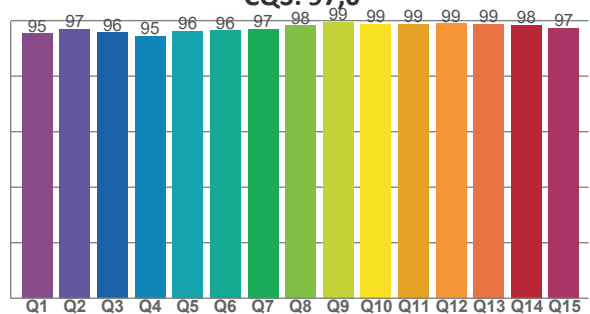
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,4	97,4	97,3	94,9	94,4	96,4	94,8	94,5	93,1	93,5	92,6	92,8	91,9	95,1	91,1	91,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,3	97,0	95,7	94,5	96,3	96,5	96,9	98,2	99,5	98,7	98,8	98,9	98,8	98,5	97,3

CQS: 97,0



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
4017 K	97,9	94,2	94,3	98,9	97,0	95	0,381	0,379	0,0010

TM30 DETAILS

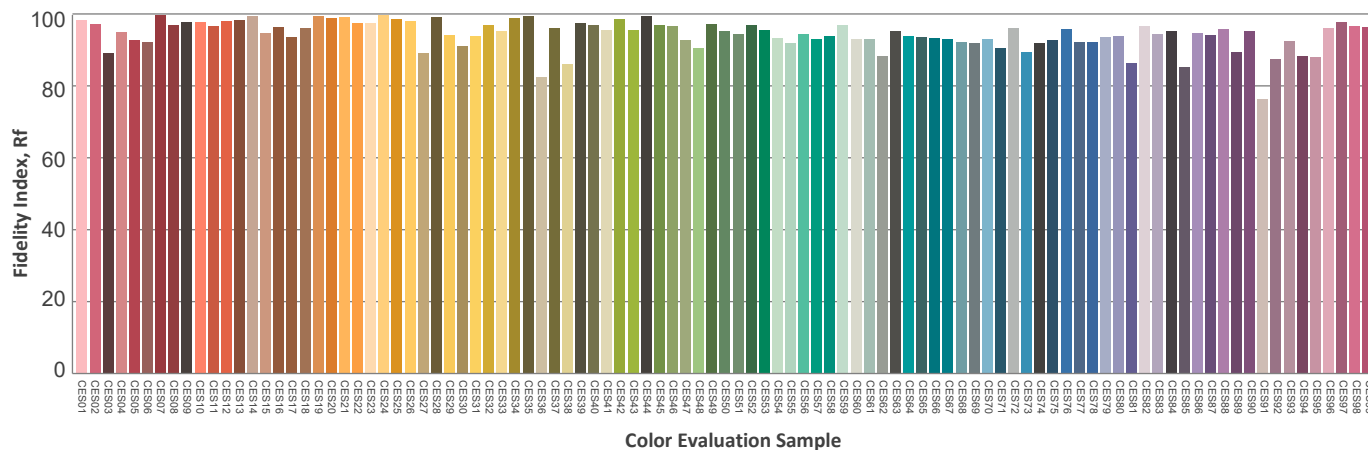
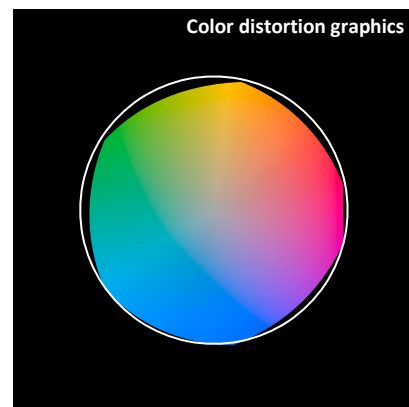
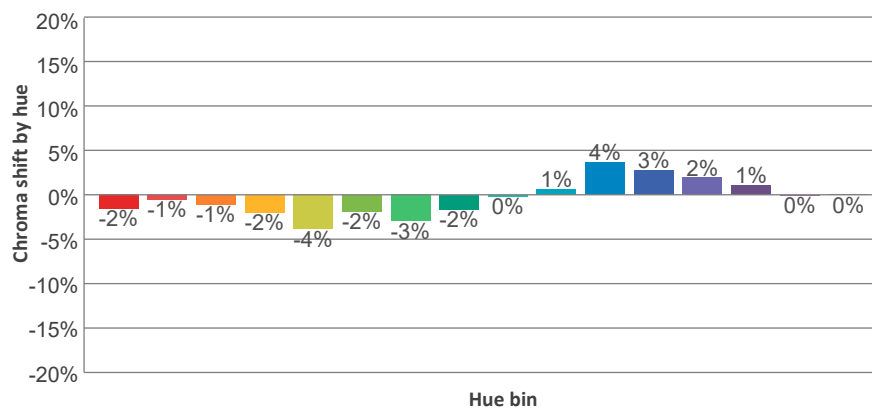
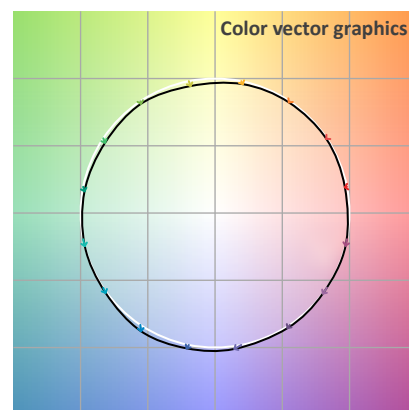
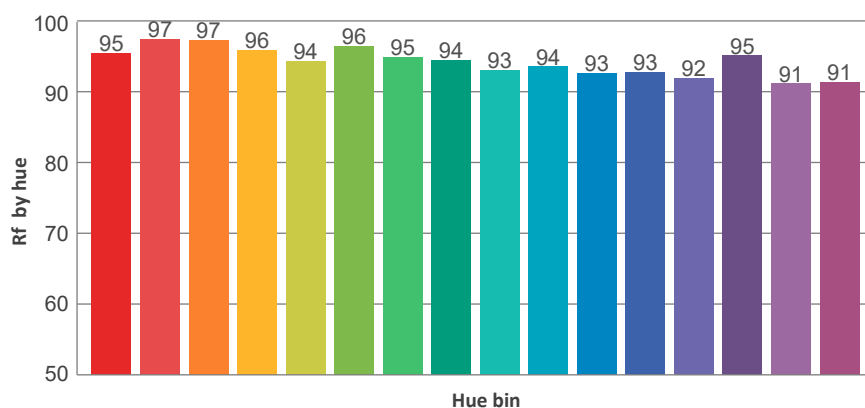
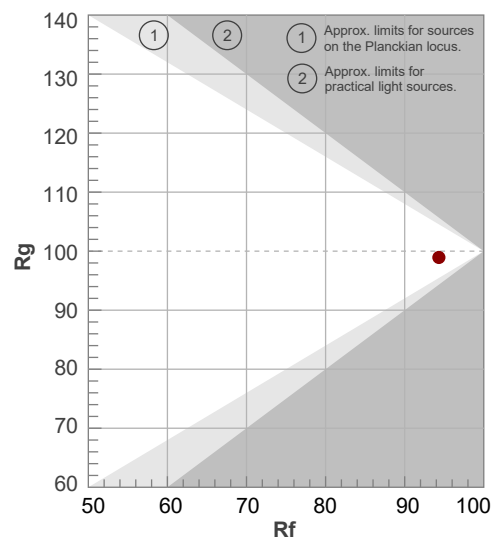
Rf 94,3

Fidelity index Rf

Rg 98,9

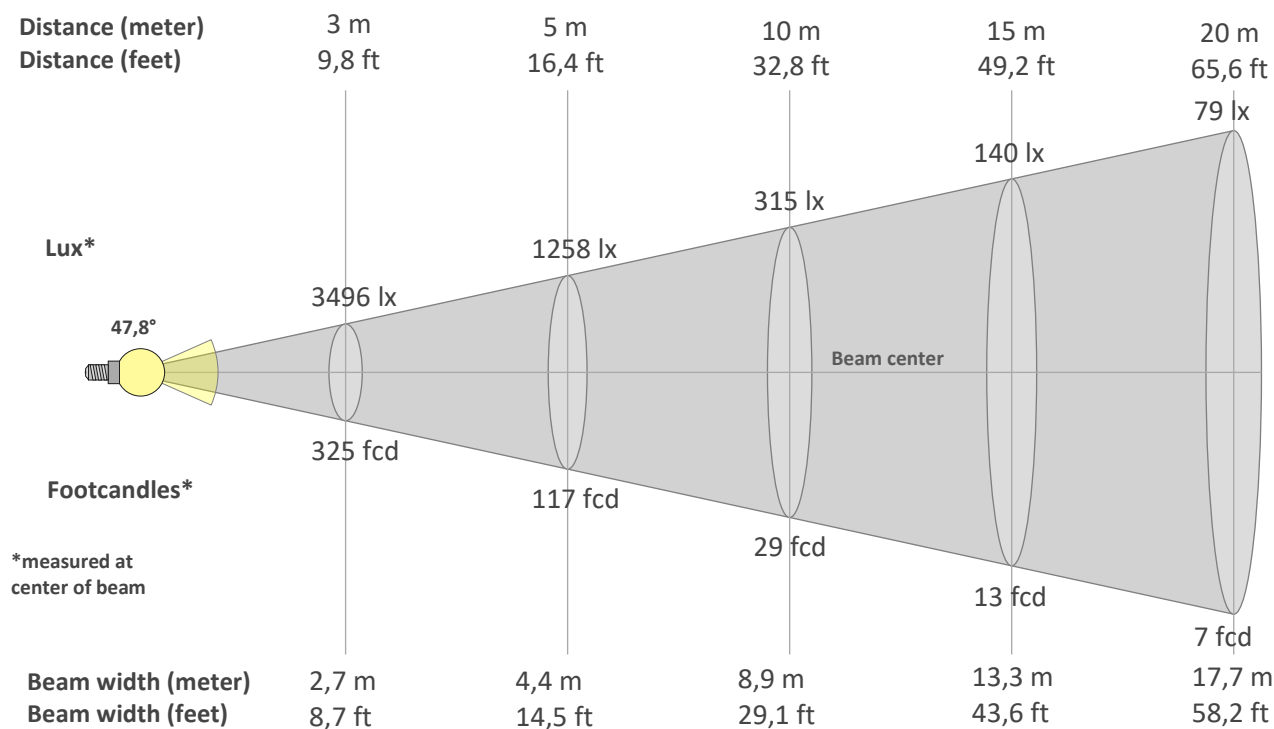
Gammut index Rg

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



BEAM DETAILS

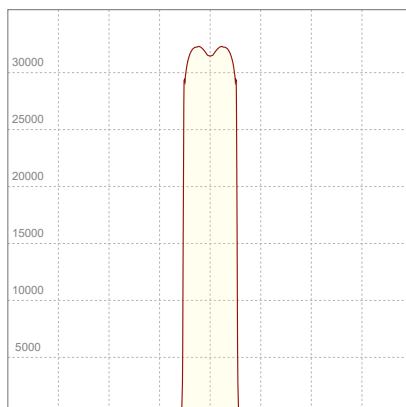
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,8°	49,6°	50,5°	99,3%	99,2%



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	31460lx	7865lx	3496lx	1966lx	1258lx	559lx	315lx	140lx	79lx	50lx	35lx	20lx	13lx
Footcand.	2923fcd	731fcd	325fcd	183fcd	117fcd	52fcd	29fcd	13fcd	7fcd	5fcd	3fcd	2fcd	1fcd
Beam wid.	0,9m	1,8m	2,7m	3,5m	4,4m	6,7m	8,9m	13,3m	17,7m	22,2m	26,6m	35,5m	44,3m
Beam wid.	2,9ft	5,9ft	8,7ft	11,6ft	14,5ft	21,8ft	29,1ft	43,6ft	58,2ft	72,7ft	87,3ft	116,4ft	145,4ft

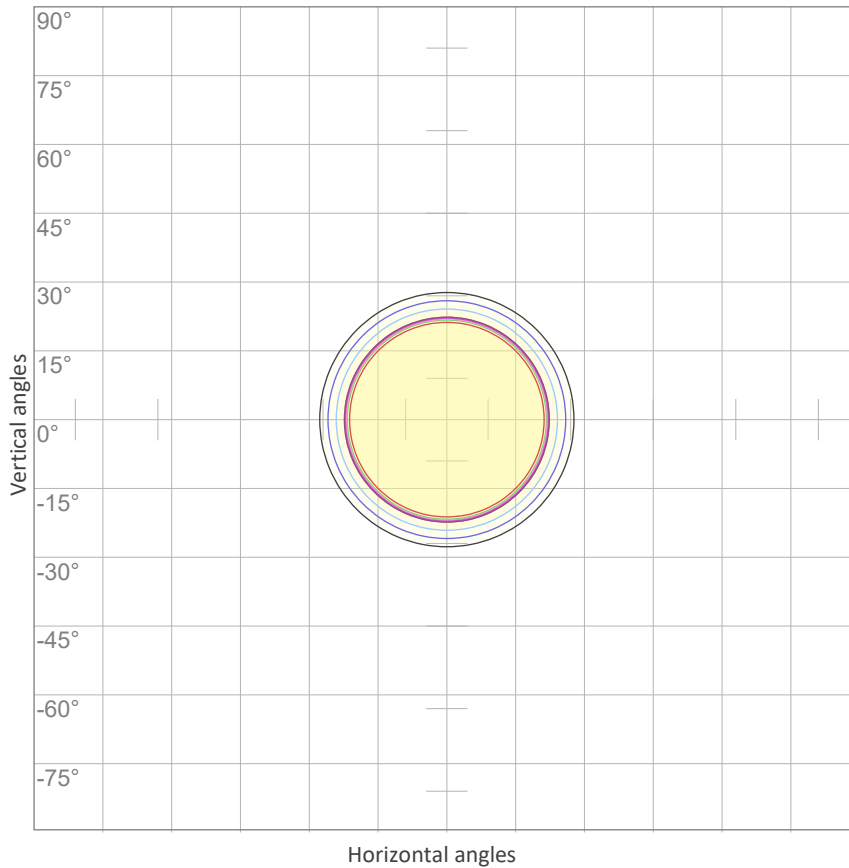
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
222V	4,49A	983W	0,98	17lm/W

ISO CANDELA DIAGRAM



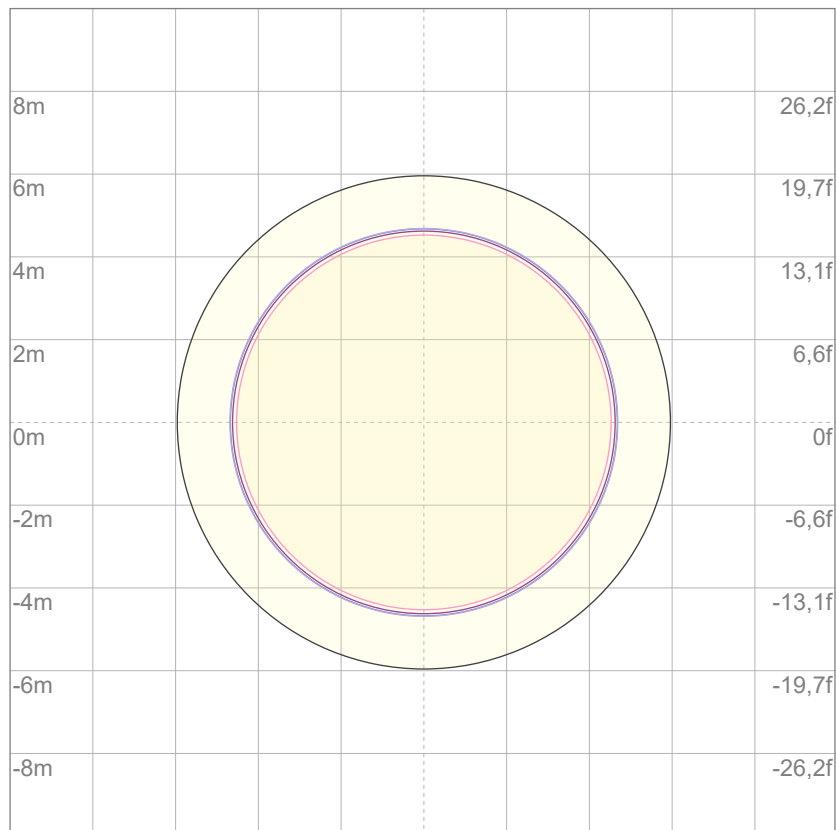
10%	3146 cd
20%	6292 cd
30%	9438 cd
40%	12584 cd
50%	15730 cd
60%	18876 cd
70%	22022 cd
80%	25168 cd
90%	28314 cd

Conditions:

Number of c-planes: 2

Candela at center: 31460 cd

ISO LUX DIAGRAM



3%	9,44 lx
5%	15,7 lx
10%	31,5 lx
30%	94,4 lx
50%	157 lx

Conditions:

Number of c-planes: 2

Lux at center: 315 lx

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



Total lumen output:

17208 lm

Peak candela output:

227992 cd

Light quality:

CRI: 97,7

Color temperature:

4011 K

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

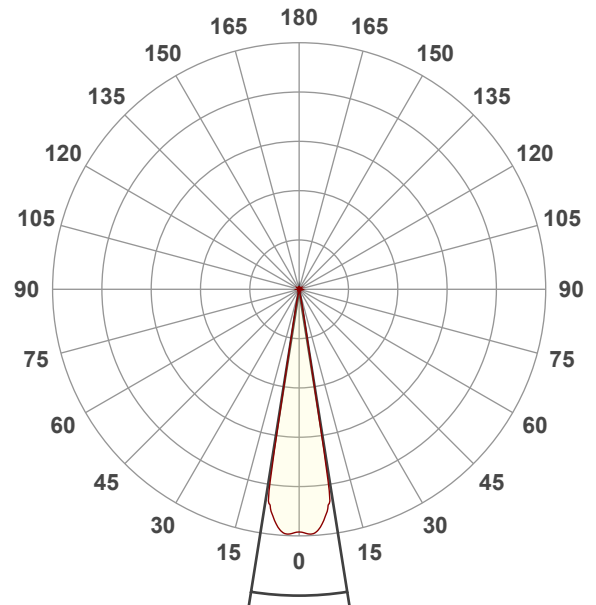
4000K - HQ

Operator:

Giuseppe della Peruta

Date and time:

19/09/2025 17:48:32

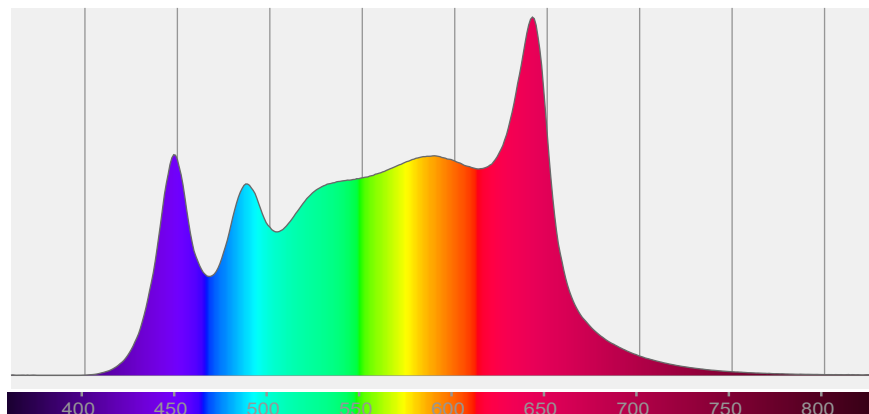


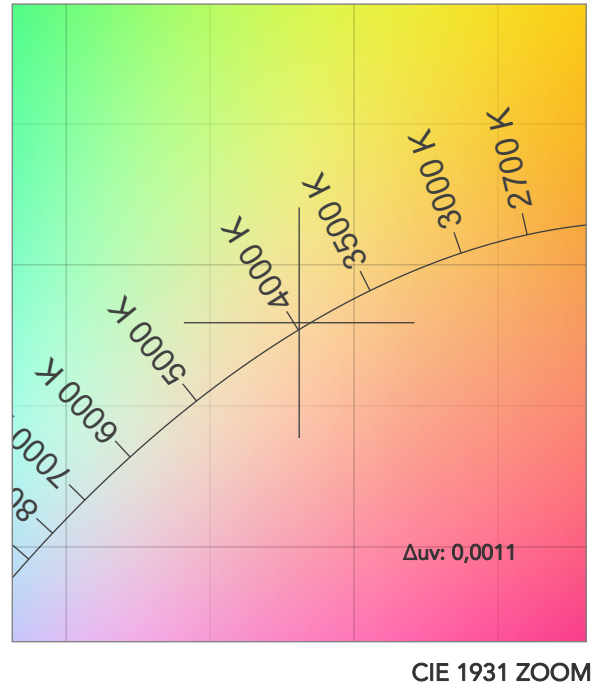
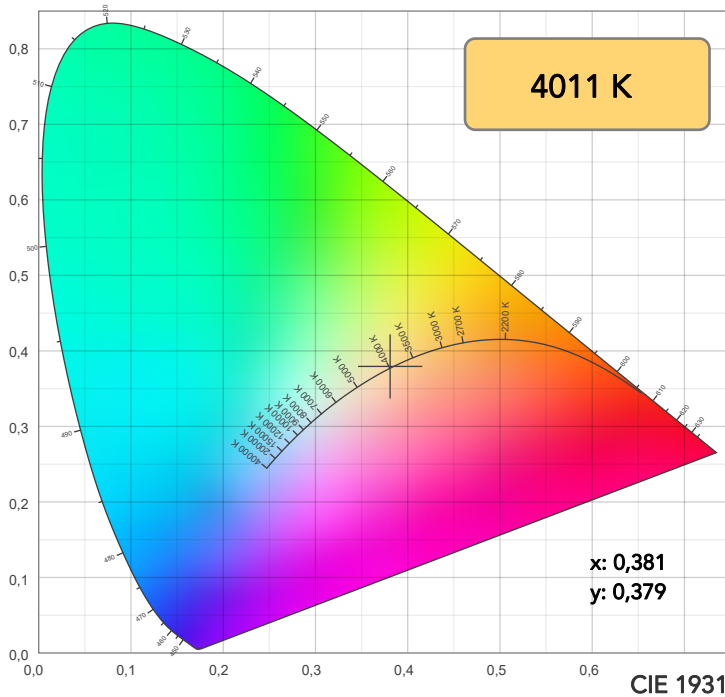
Beam angle 50%: 18,1°

Field angle 10%: 19,8°

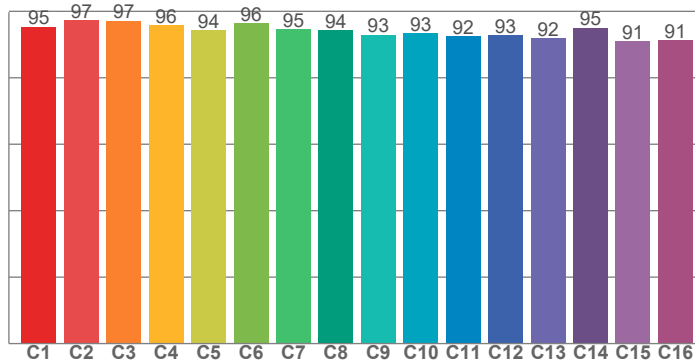
Cut off angle 2.5%: 20,8°

Spectra

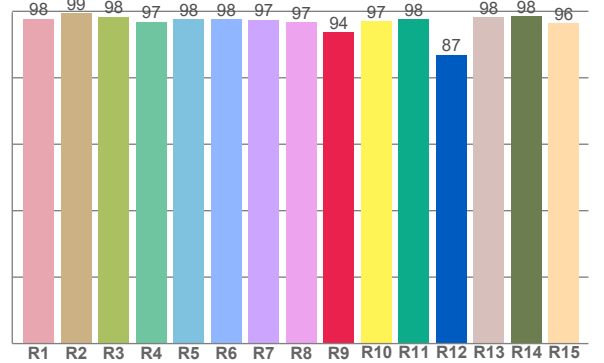




TM30: 94,2



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
97,8	99,5	98,4	96,9	97,5	97,7	97,5	96,8	93,7	97,1	97,6	86,9	98,3	98,4	96,5

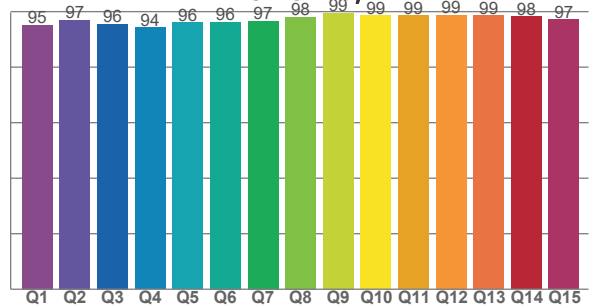
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,2	97,0	95,6	94,3	96,1	96,2	96,7	98,0	99,4	98,6	98,7	98,8	98,7	98,3	97,2

CQS: 96,9



COLOR PARAMETERS

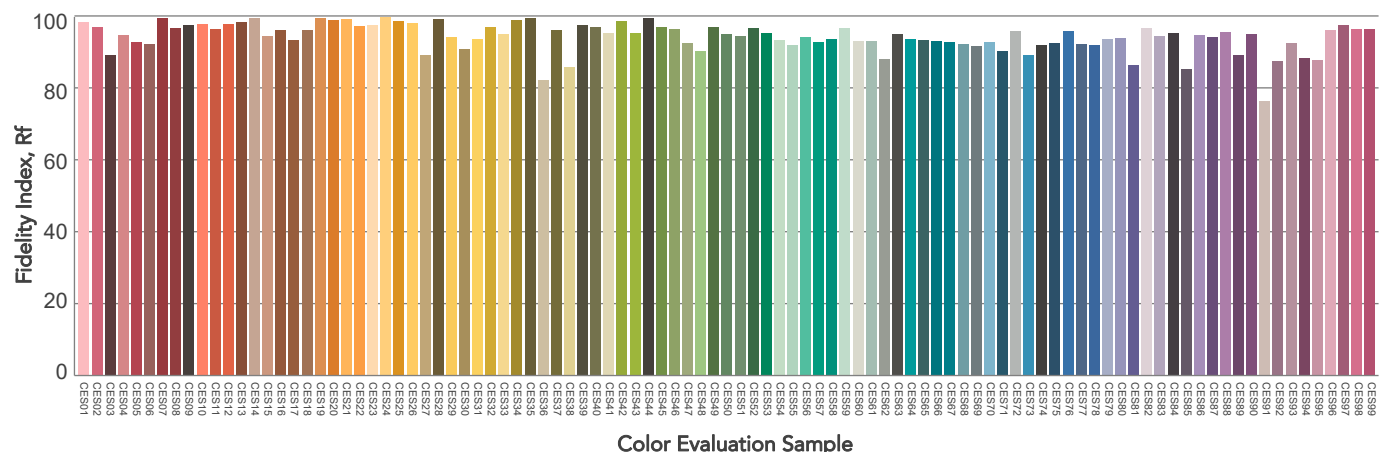
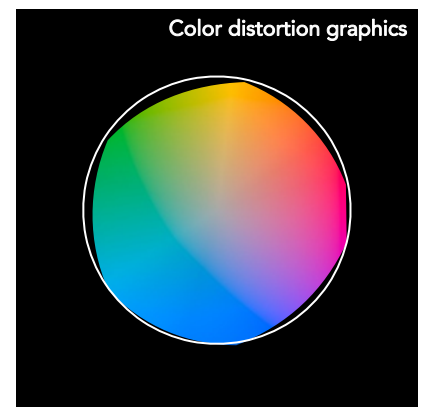
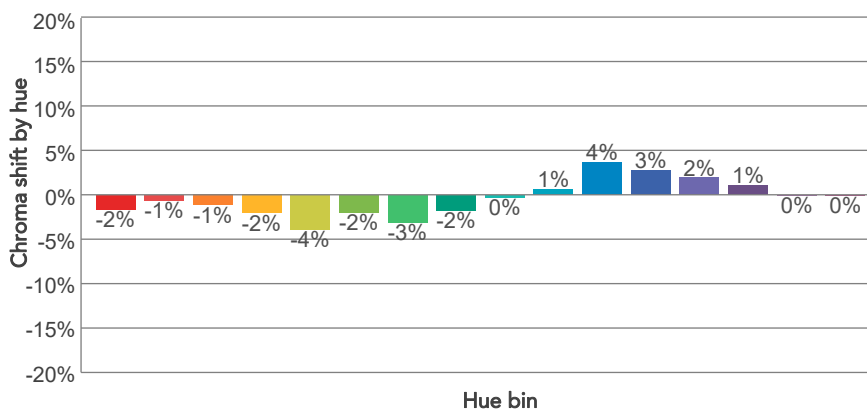
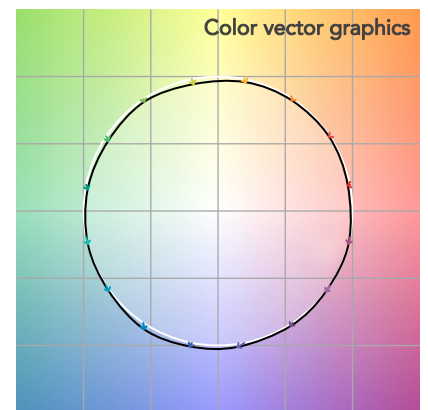
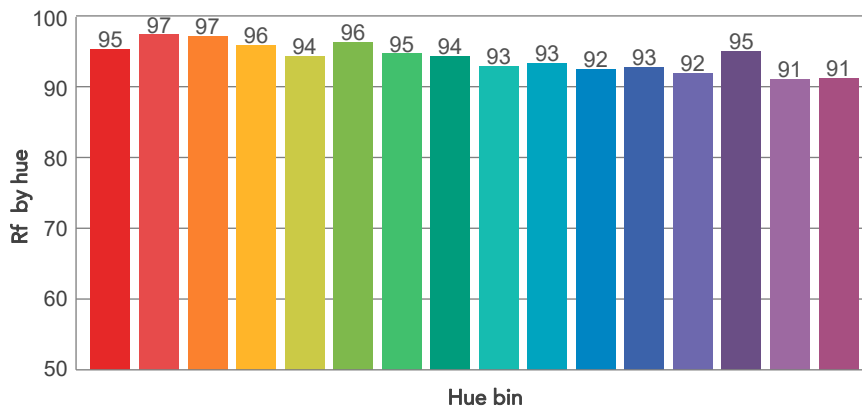
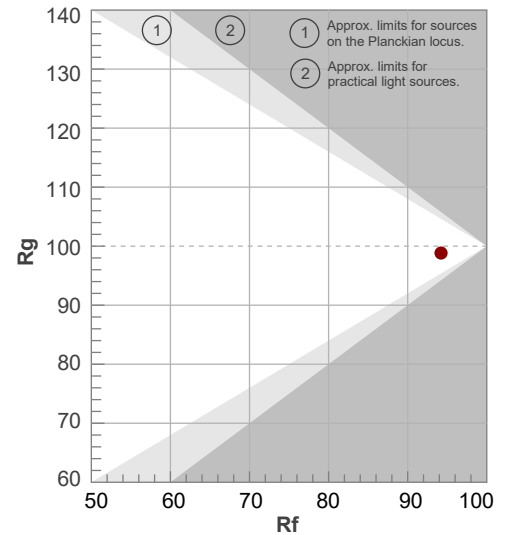
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4011 K	97,7	93,7	94,2	98,8	96,9	95	0,381	0,379	0,0011

TM30 DETAILS

Rf 94,2
Fidelity index Rf

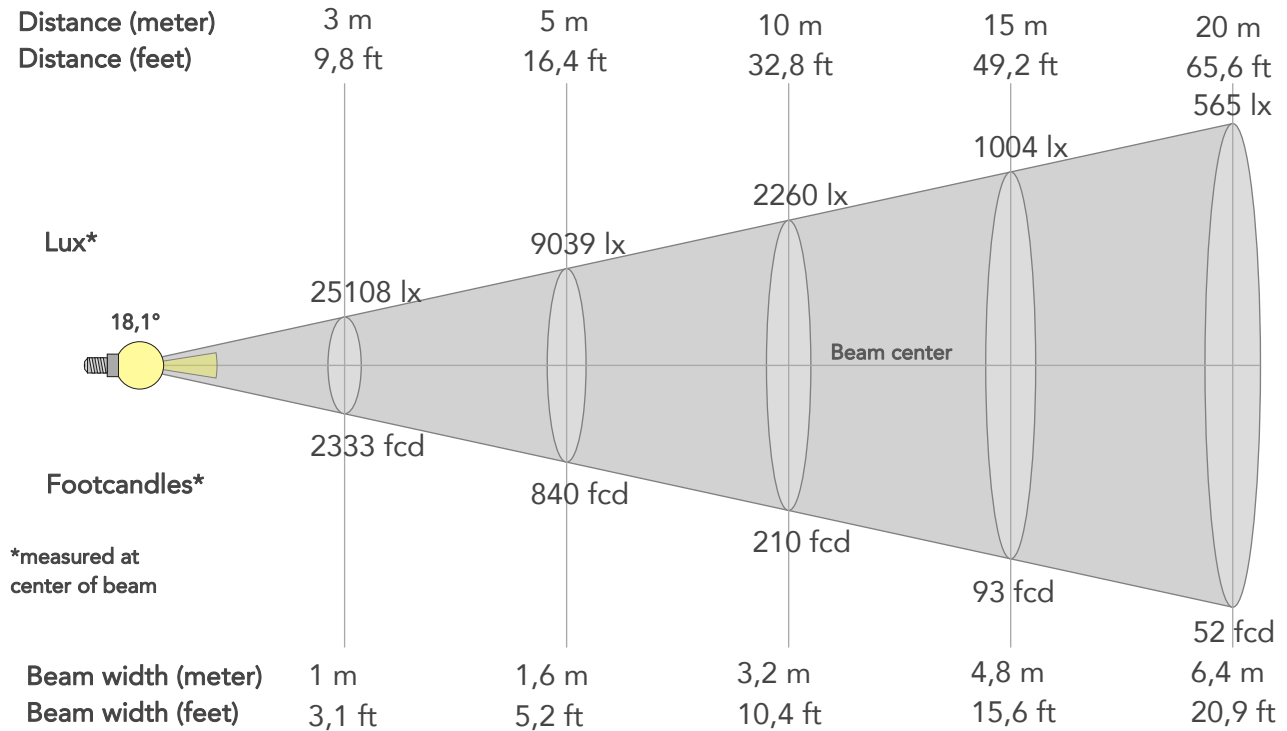
Rg 98,8
Gammut index

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



BEAM DETAILS

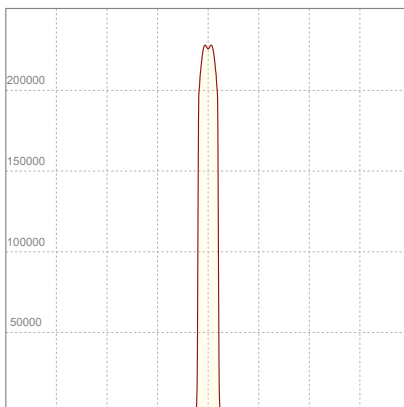
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	19,8°	20,8°	99,7%	99,6%



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	225976lx	56494lx	25108lx	14123lx	9039lx	4017lx	2260lx	1004lx	565lx	362lx	251lx	141lx	90lx
Footcand.	20994fcd	5248fcd	2333fcd	1312fcd	840fcd	373fcd	210fcd	93fcd	52fcd	34fcd	23fcd	13fcd	8fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	7,9m	9,5m	12,7m	15,9m
Beam wid.	1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,8ft	10,4ft	15,6ft	20,9ft	26,1ft	31,3ft	41,7ft	52,1ft

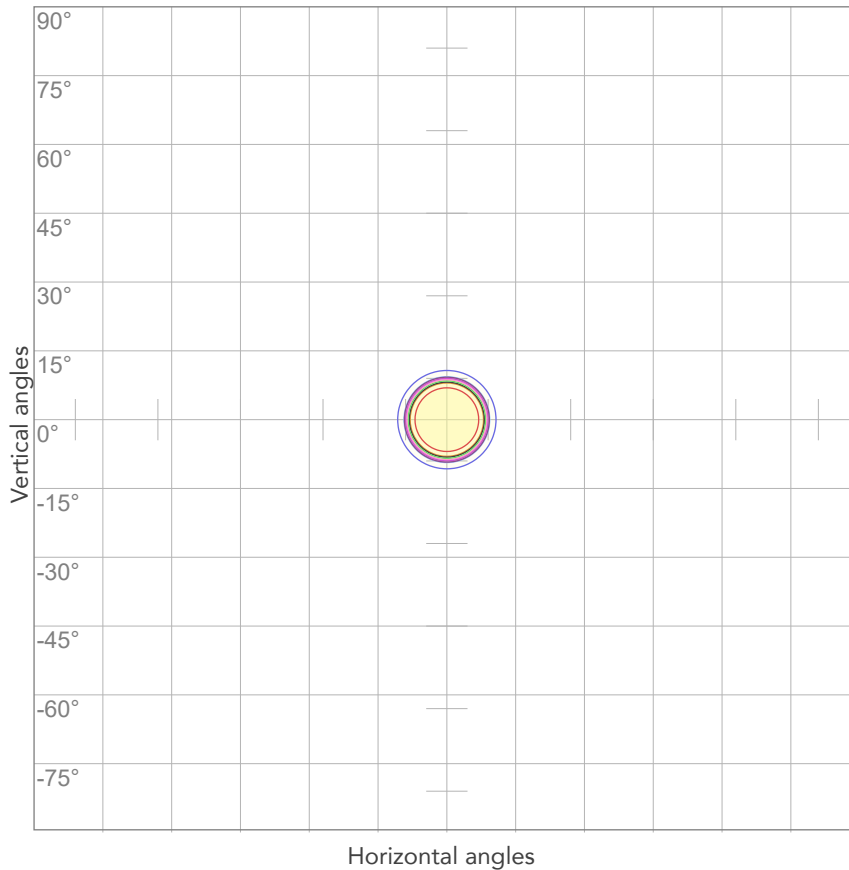
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
223V	5,35A	1174,3W	0,99	15lm/W

ISO CANDELA DIAGRAM



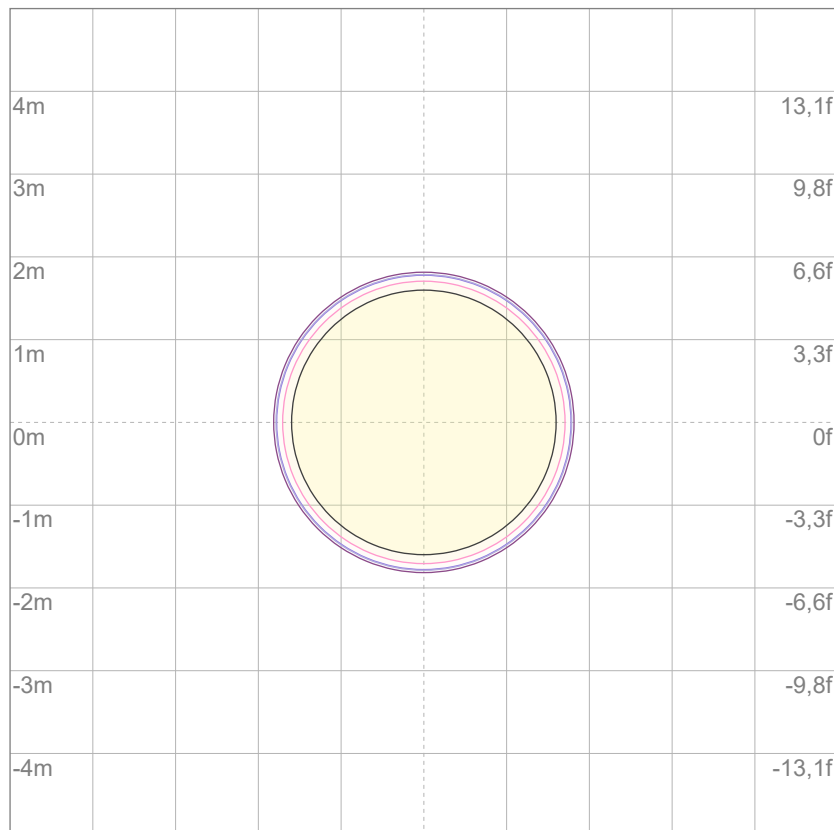
10%	22598 cd
20%	45195 cd
30%	67793 cd
40%	90390 cd
50%	112988 cd
60%	135585 cd
70%	158183 cd
80%	180781 cd

Conditions:

Number of c-planes: 2

Candela at center: 225976 cd

ISO LUX DIAGRAM



3%	67,8 lx
5%	113 lx
10%	226 lx
30%	678 lx
50%	1130 lx

Conditions:

Number of c-planes: 2

Lux at center: 2260 lx

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



Total lumen output:

11674 lm

Peak candela output:

1310116 cd

Light quality:

CRI: 97,5

Color temperature:

4054 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

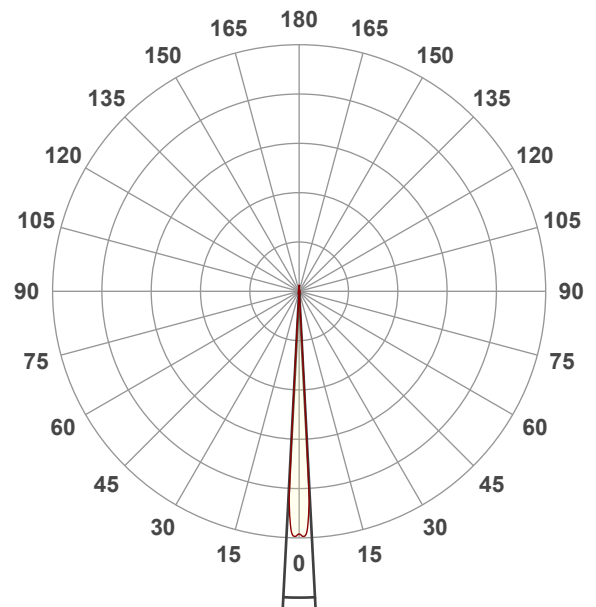
4000K - HQ

Operator:

Giuseppe della Peruta

Date and time:

19/09/2025 17:31:27

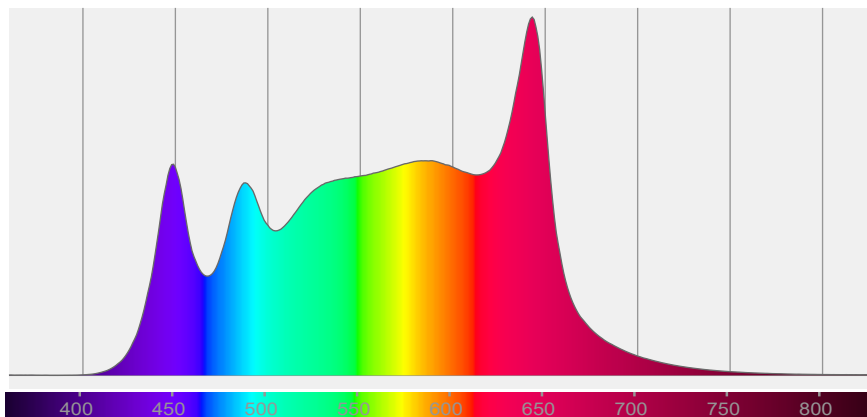


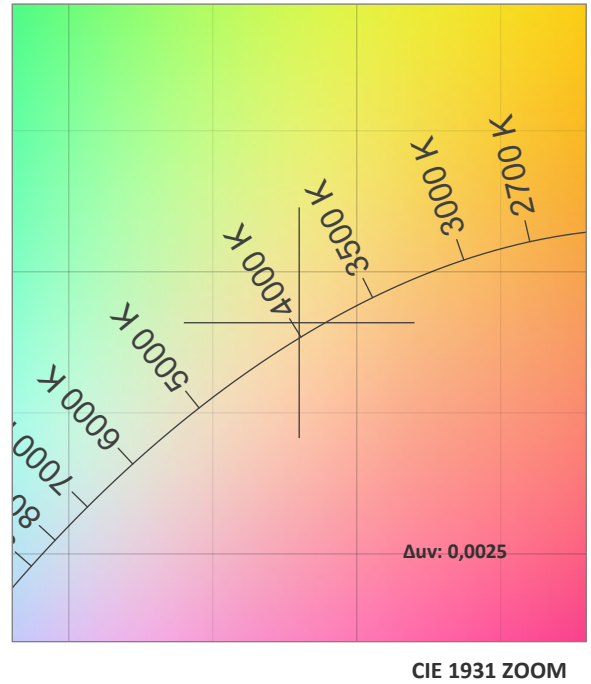
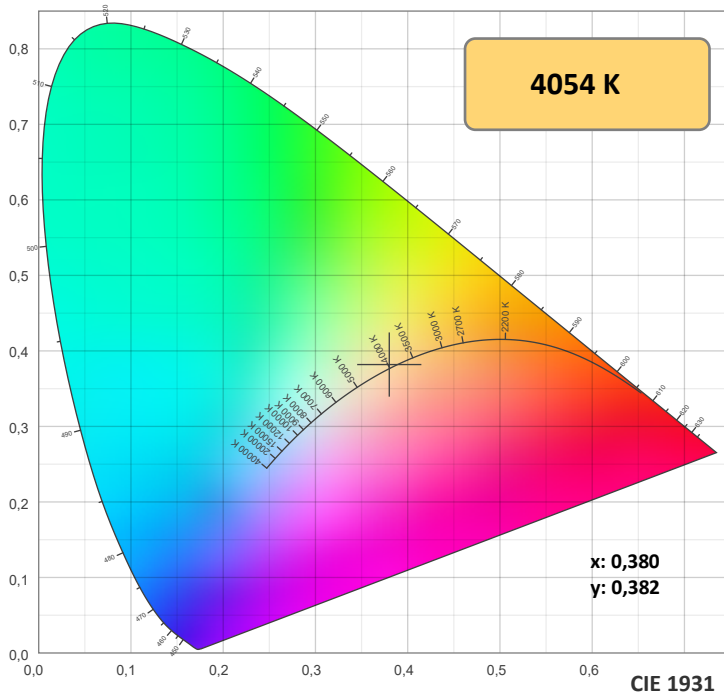
Beam angle 50%: 5,9°

Field angle 10%: 6,5°

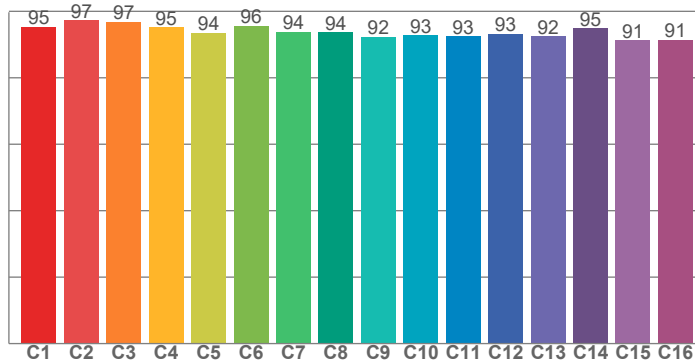
Cut off angle 2.5%: 6,6°

Spectra

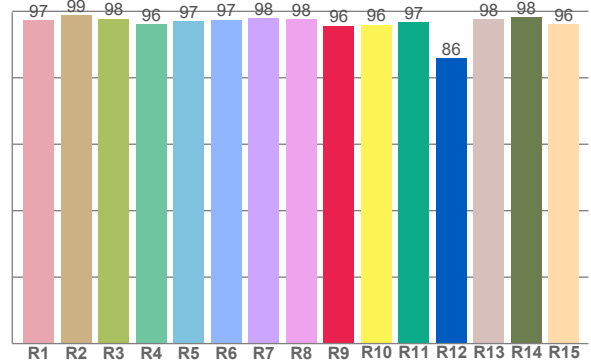




TM30: 94,0



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
97,4	98,9	97,8	96,2	97,0	97,5	97,9	97,6	95,7	96,0	96,7	85,8	97,6	98,2	96,1

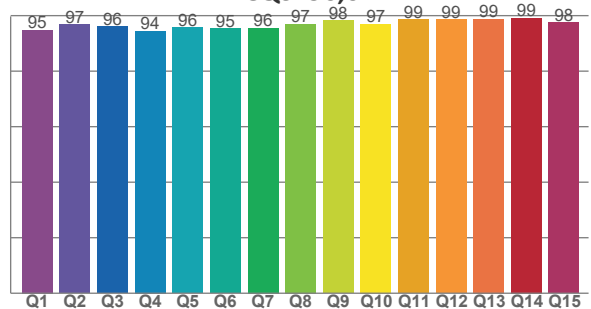
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,9	96,7	96,1	94,4	95,7	95,3	95,6	96,9	98,2	97,0	98,6	98,6	98,8	99,1	97,6

CQS: 96,6



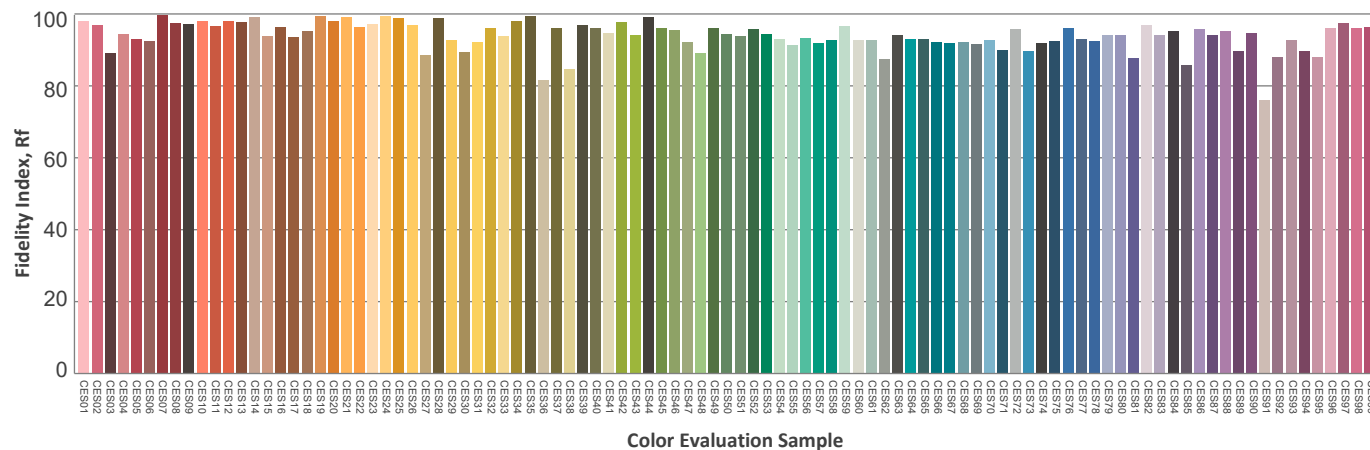
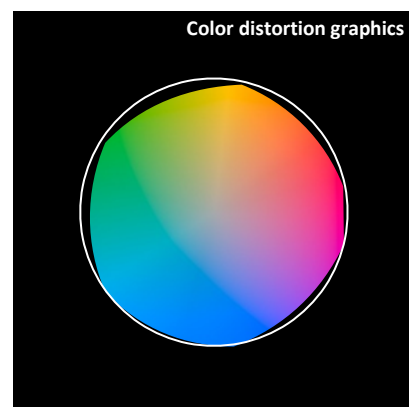
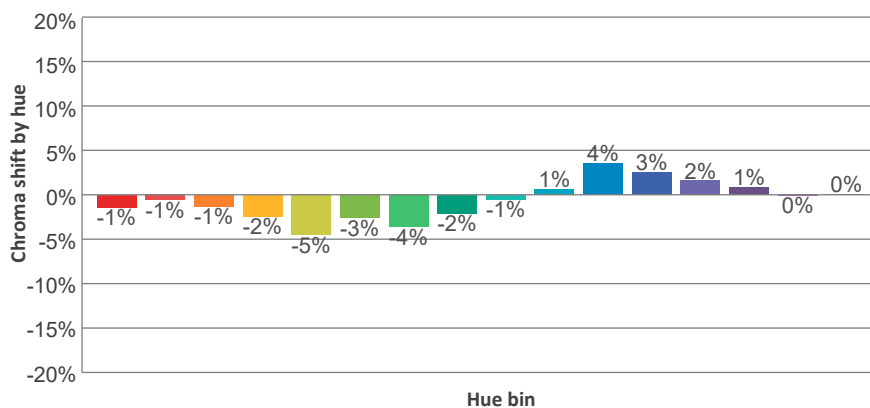
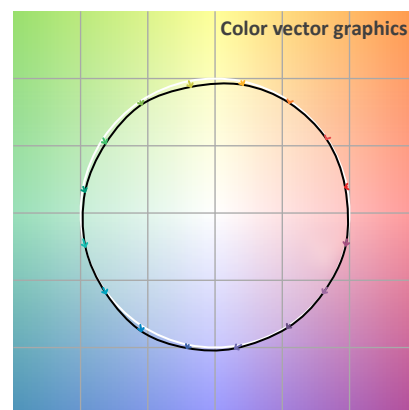
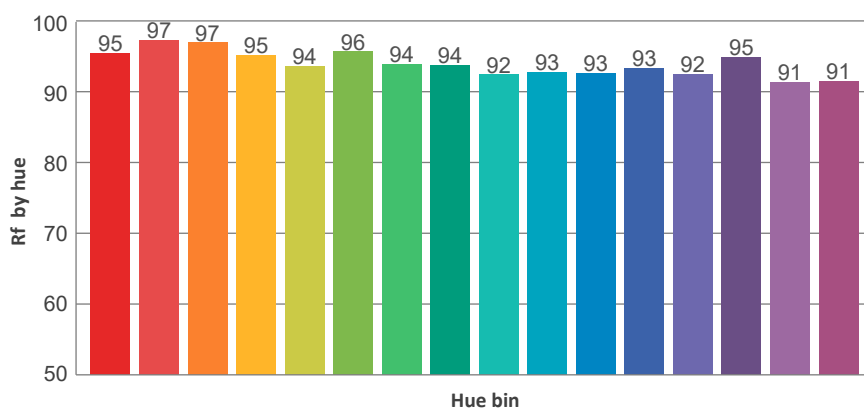
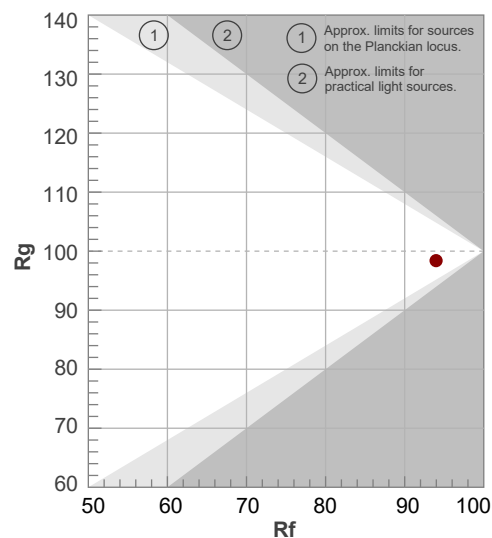
COLOR PARAMETERS

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
4054 K	97,5	95,7	94,0	98,4	96,6	95	0,380	0,382	0,0025

Fidelity index Rf

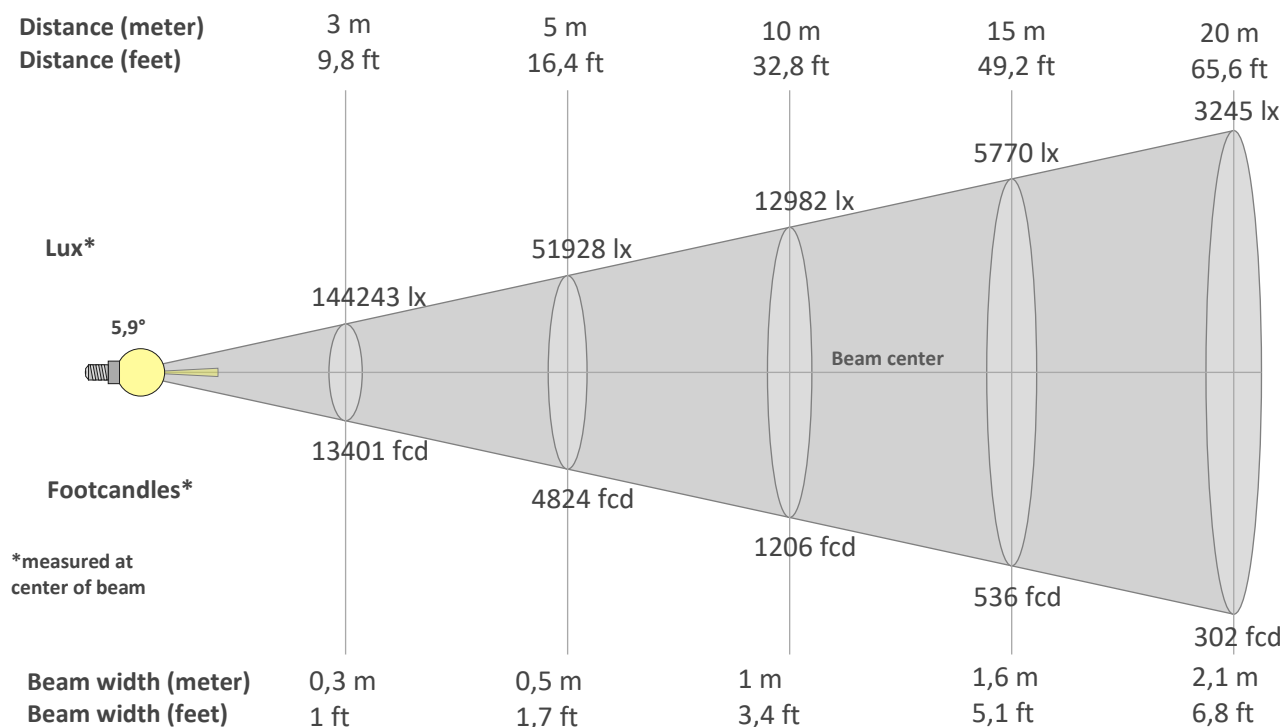
Gammut index Rg

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



BEAM DETAILS

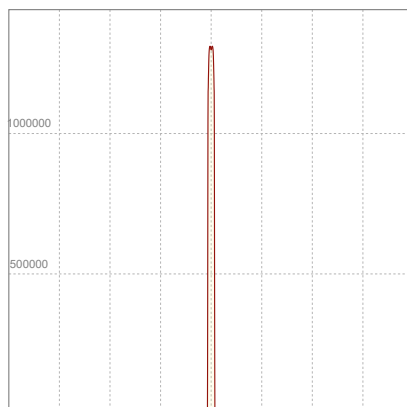
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	6,5°	6,6°	95,8%	94,0%



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	129819lx	324548lx	144243lx	81137lx	51928lx	23079lx	12982lx	5770lx	3245lx	2077lx	1442lx	811lx	519lx
Footcand.	120606fcd	30151fcd	13401fcd	7538fcd	4824fcd	2144fcd	1206fcd	536fcd	302fcd	193fcd	134fcd	75fcd	48fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,6m	2,1m	2,6m	3,1m	4,1m	5,2m
Beam wid.	0,3ft	0,7ft	1ft	1,4ft	1,7ft	2,5ft	3,4ft	5,1ft	6,8ft	8,5ft	10,2ft	13,6ft	17ft

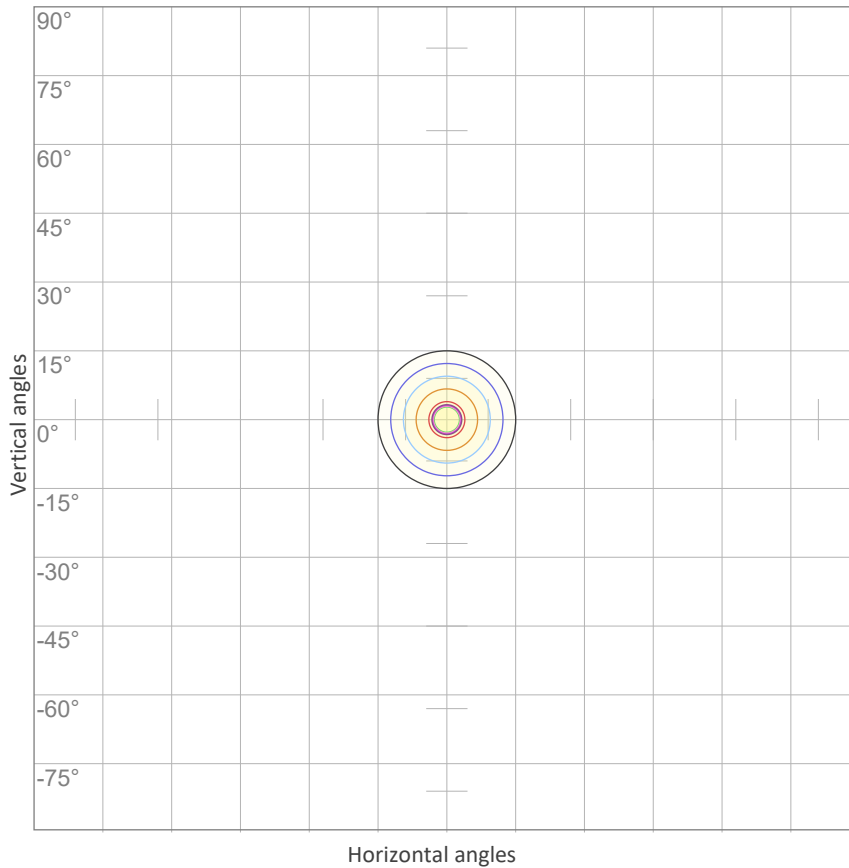
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
223V	4,37A	958W	0,98	12lm/W

ISO CANDELA DIAGRAM



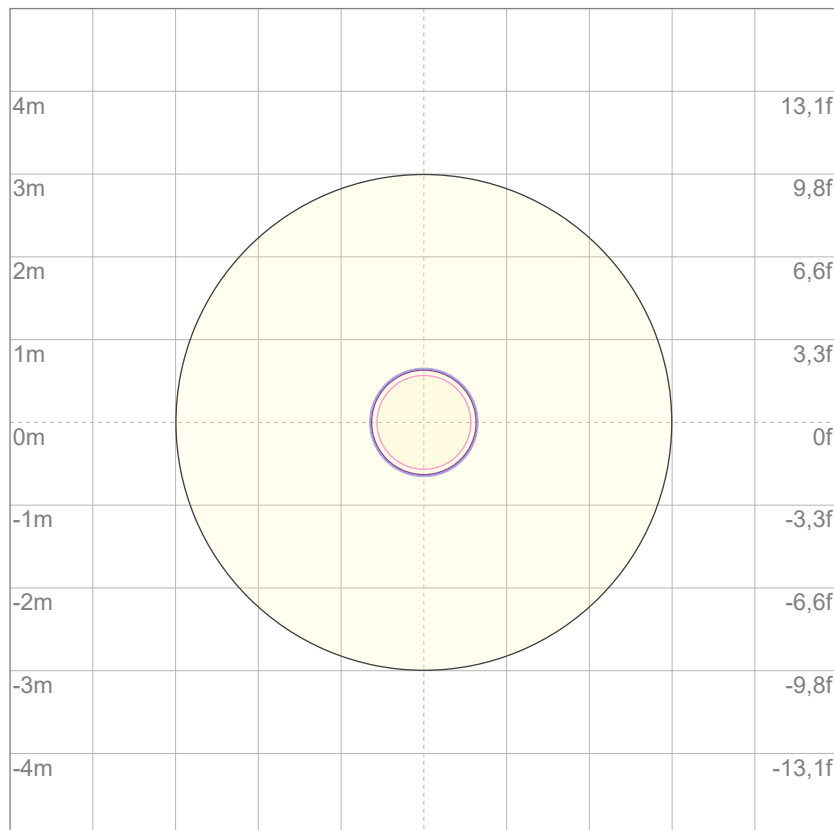
10%	129819 cd
20%	259638 cd
30%	389457 cd
40%	519276 cd
50%	649096 cd
60%	778915 cd
70%	908734 cd
80%	1038553 cd
90%	1168372 cd

Conditions:

Number of c-planes: 2

Candela at center: 1298191 cd

ISO LUX DIAGRAM



3%	389 lx
5%	649 lx
10%	1298 lx
30%	3895 lx
50%	6491 lx

Conditions:

Number of c-planes: 2

Lux at center: 13,0K lx

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



Total lumen output:

20484 lm

Peak candela output:

38441 cd

Light quality:

CRI: 95,9

Color temperature:

5598 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

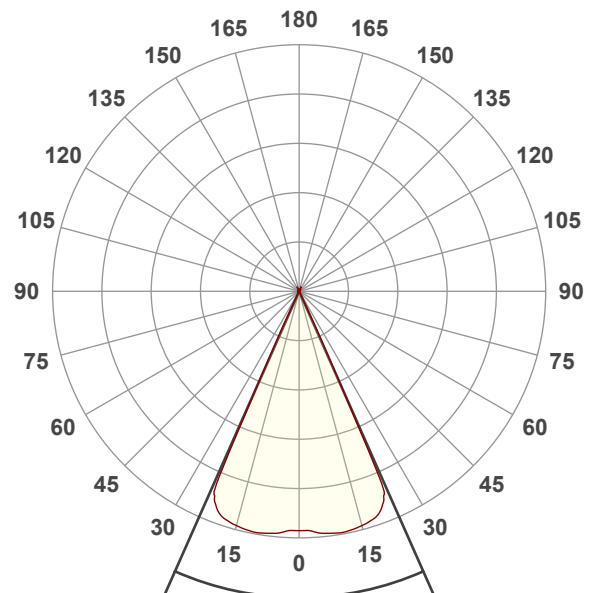
5600K - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 15:59:02

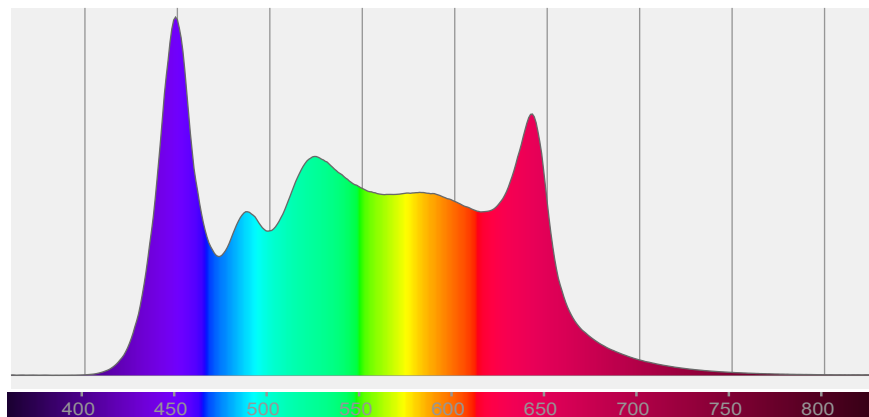


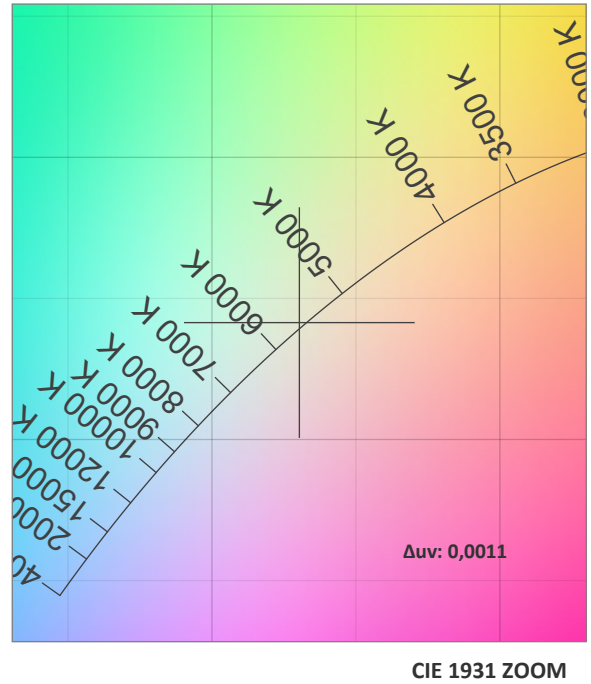
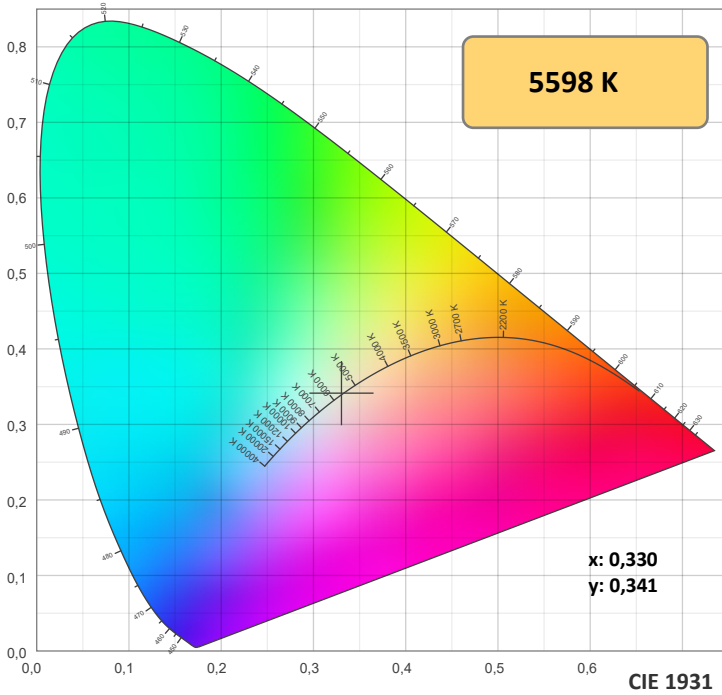
Beam angle 50%: 47,8°

Field angle 10%: 49,9°

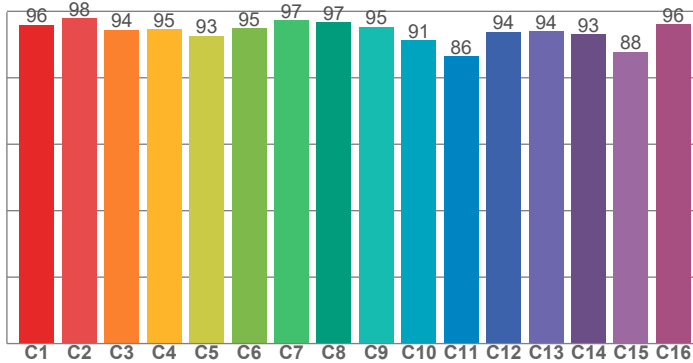
Cut off angle 2.5%: 50,5°

Spectra

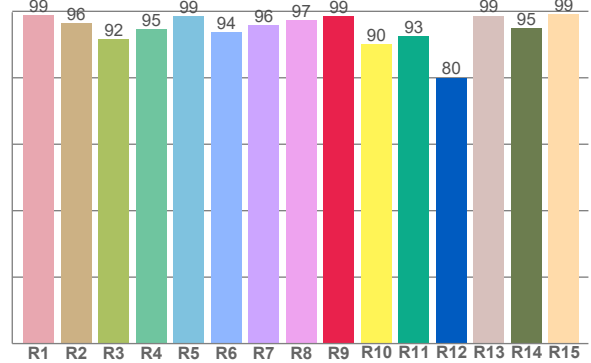




TM30: 93,7



CRI: 95,9 (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
98,9	96,4	91,7	94,7	98,5	93,7	95,8	97,2	98,7	90,1	92,6	80,0	98,7	94,9	99,1

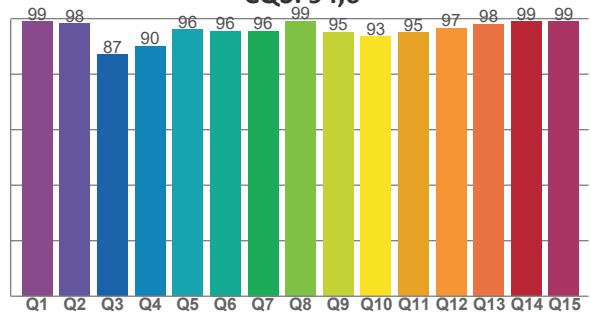
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,9	97,8	94,5	94,6	92,6	94,9	97,3	96,7	95,4	91,3	86,5	93,9	94,0	93,0	87,8	96,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,9	98,3	87,1	90,1	96,0	95,6	95,5	99,1	95,2	93,5	95,0	96,6	98,1	99,0	99,0

CQS: 94,6



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
5598 K	95,9	98,7	93,7	102,6	94,6	97	0,330	0,341	0,0011

TM30 DETAILS

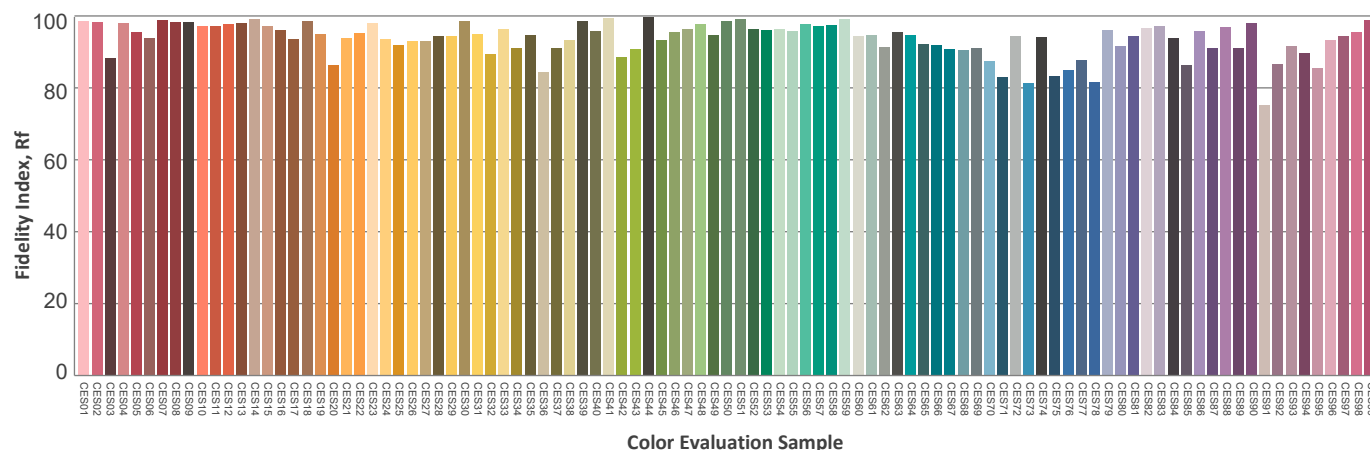
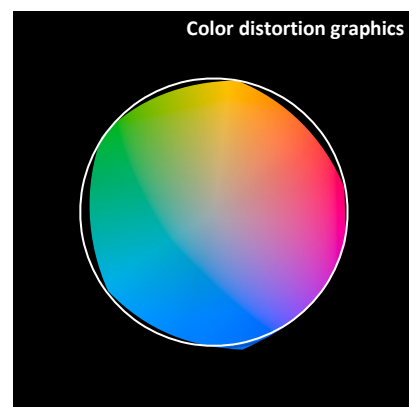
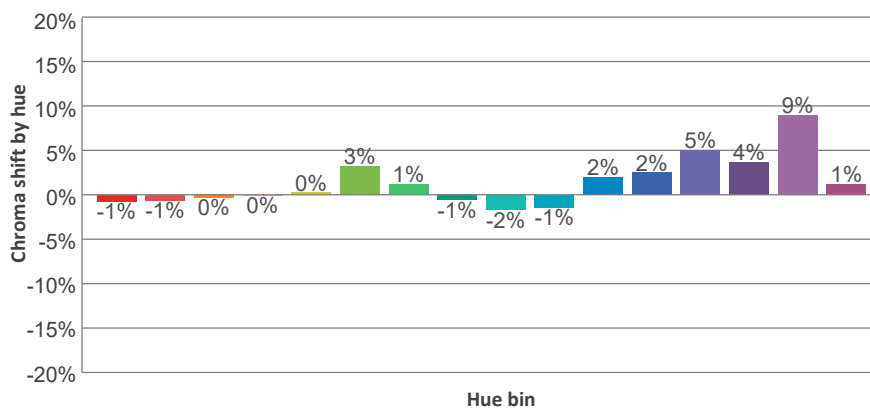
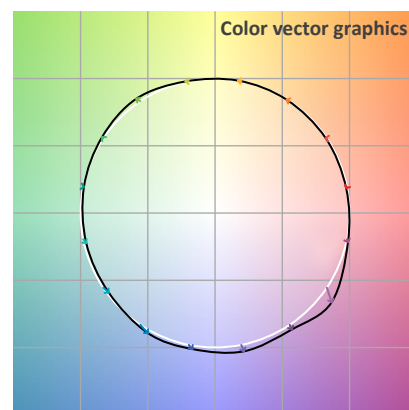
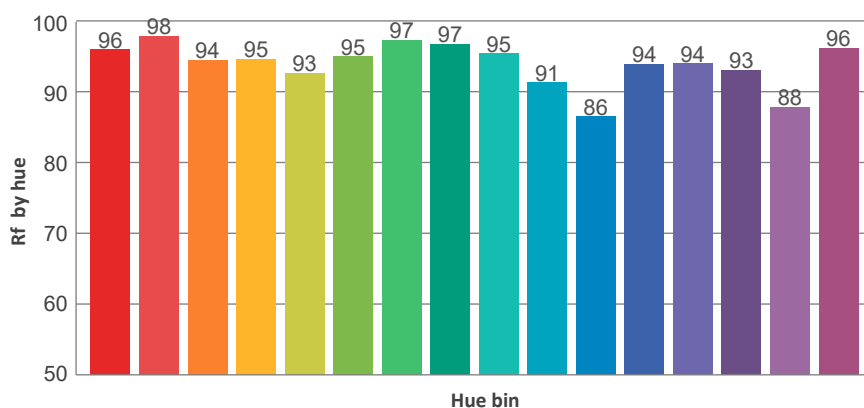
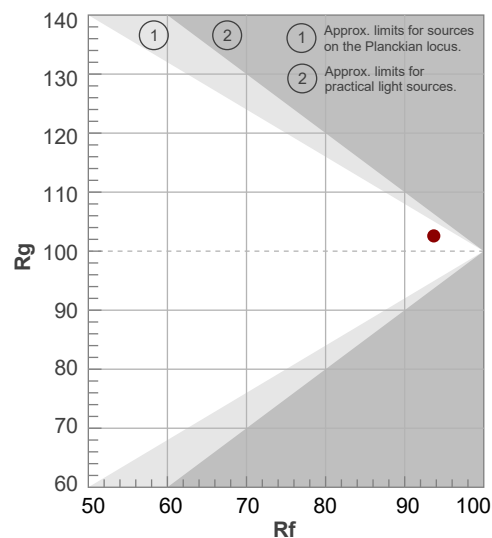
Rf 93,7

Fidelity index Rf

Rg 102,6

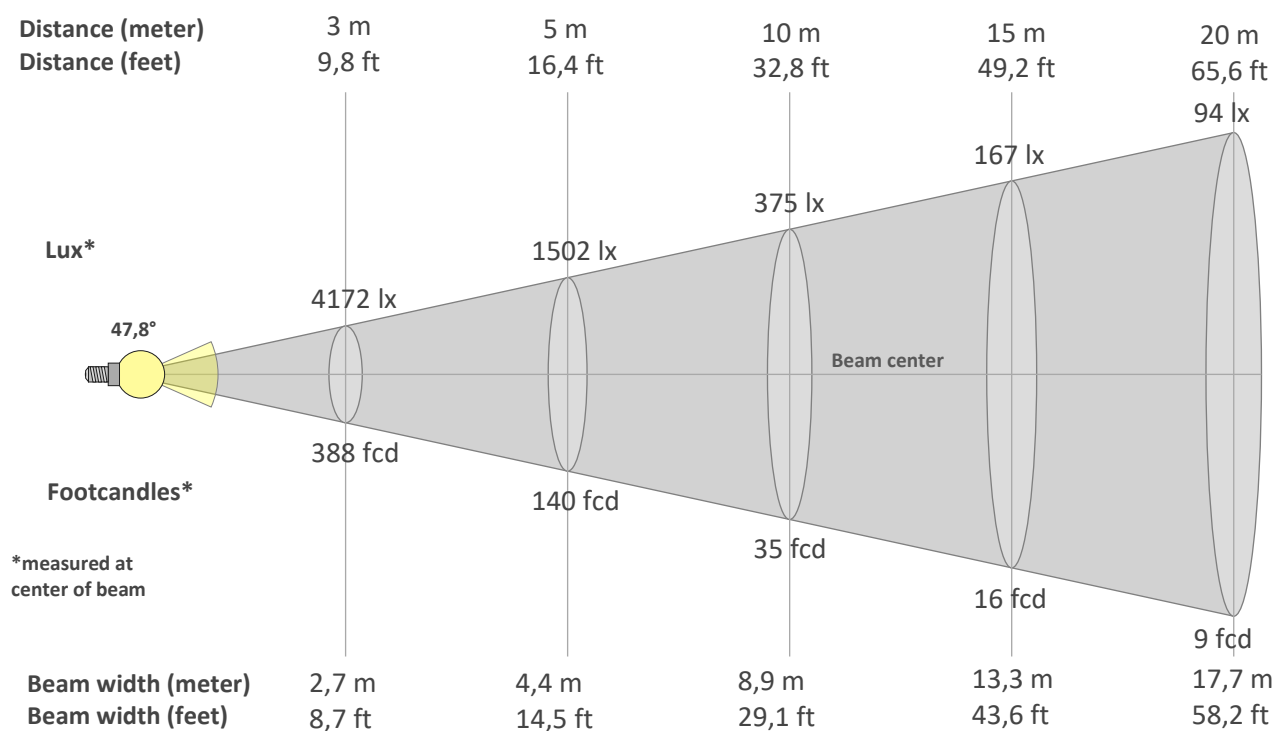
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	-1%	-1%
2	98	-1%	1%
3	94	0%	3%
4	95	0%	2%
5	93	0%	2%
6	95	3%	1%
7	97	1%	0%
8	97	-1%	0%
9	95	-2%	3%
10	91	-1%	5%
11	86	2%	8%
12	94	2%	3%
13	94	5%	1%
14	93	4%	-1%
15	88	9%	-7%
16	96	1%	-2%



BEAM DETAILS

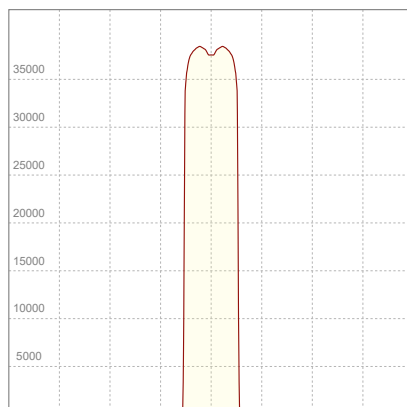
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,8°	49,9°	50,5°	99,1%	99,1%



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	37548lx	9387lx	4172lx	2347lx	1502lx	668lx	375lx	167lx	94lx	60lx	42lx	23lx	15lx
Footcand.	3488fcd	872fcd	388fcd	218fcd	140fcd	62fcd	35fcd	16fcd	9fcd	6fcd	4fcd	2fcd	1fcd
Beam wid.	0,9m	1,8m	2,7m	3,5m	4,4m	6,7m	8,9m	13,3m	17,7m	22,2m	26,6m	35,5m	44,3m
Beam wid.	2,9ft	5,9ft	8,7ft	11,6ft	14,5ft	21,8ft	29,1ft	43,6ft	58,2ft	72,7ft	87,2ft	116,3ft	145,4ft

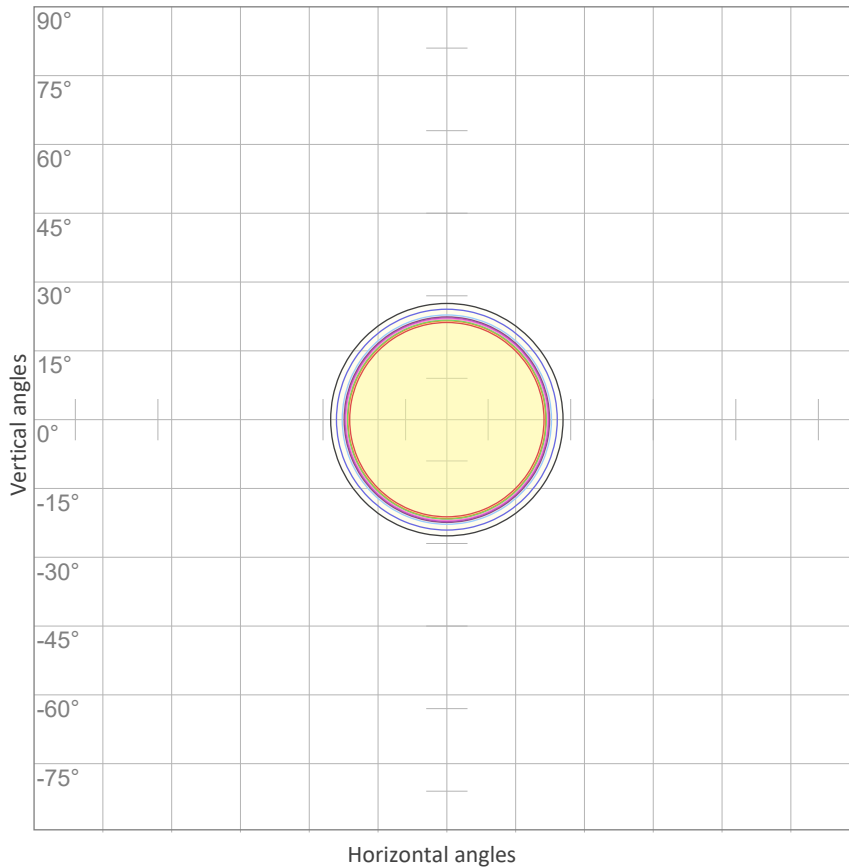
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
223V	5,25A	1155,1W	0,99	18lm/W

ISO CANDELA DIAGRAM



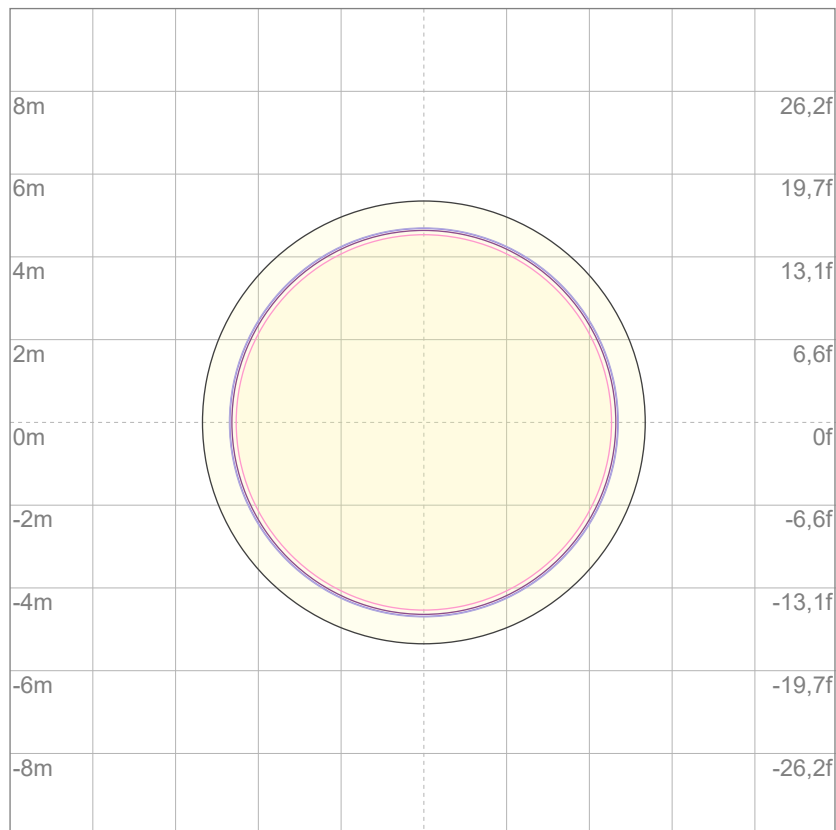
10%	3755 cd
20%	7510 cd
30%	11264 cd
40%	15019 cd
50%	18774 cd
60%	22529 cd
70%	26284 cd
80%	30038 cd
90%	33793 cd

Conditions:

Number of c-planes: 2

Candela at center: 37548 cd

ISO LUX DIAGRAM



3%	11,3 lx
5%	18,8 lx
10%	37,5 lx
30%	113 lx
50%	188 lx

Conditions:

Number of c-planes: 2

Lux at center: 375 lx

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



Total lumen output:

21125 lm

Peak candela output:

276027 cd

Light quality:

CRI: 96,8

Color temperature:

5649 K

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

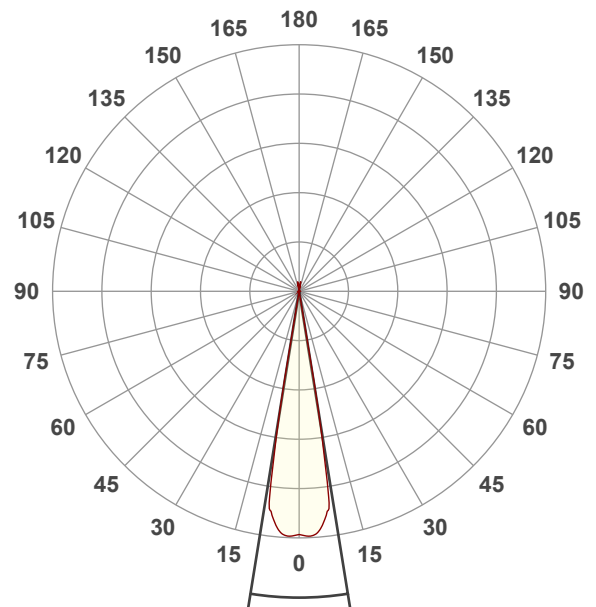
5600K - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 15:47:54

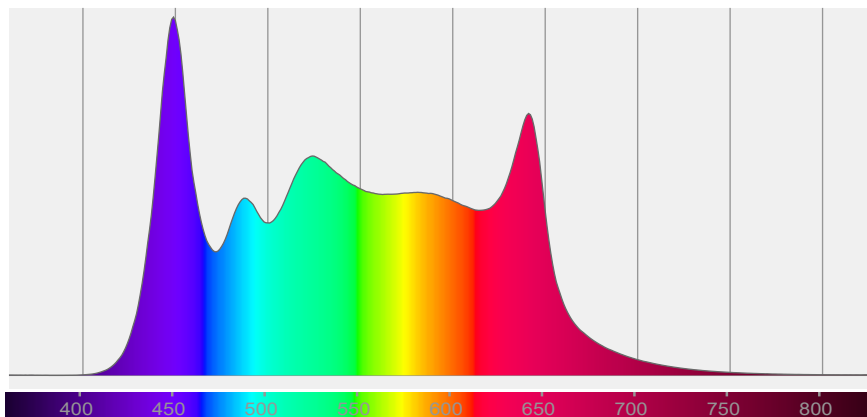


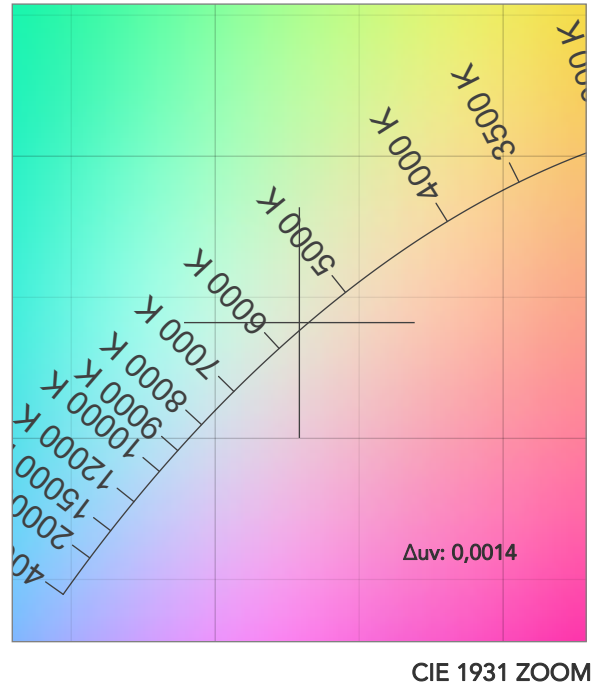
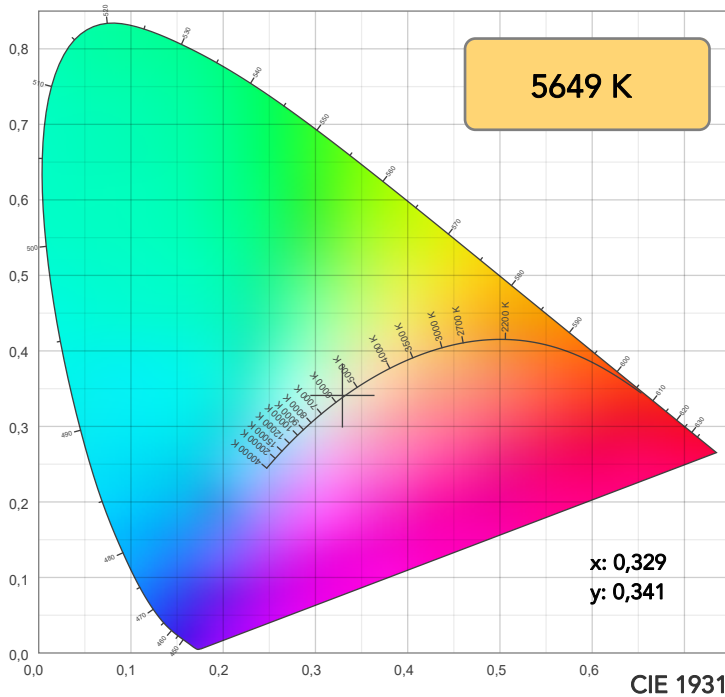
Beam angle 50%: 18,3°

Field angle 10%: 19,9°

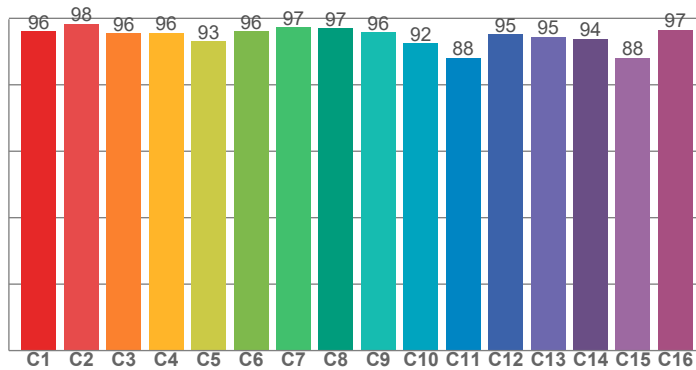
Cut off angle 2.5%: 20,2°

Spectra

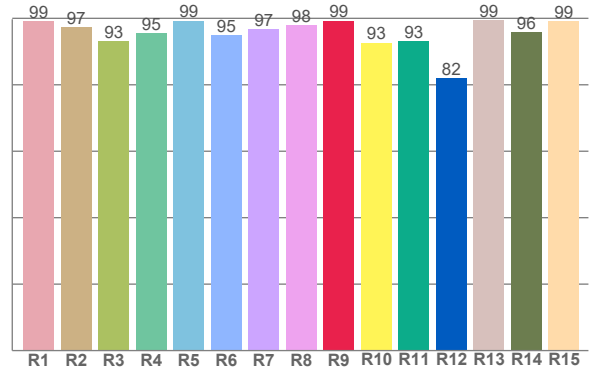




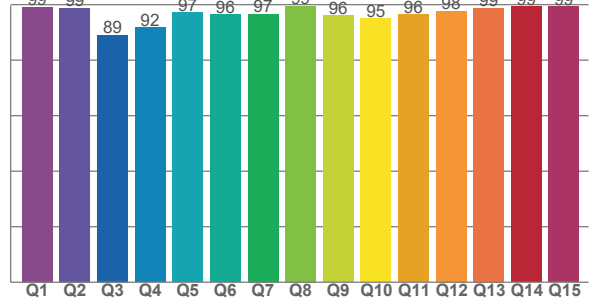
TM30: 94,4



CRI: 96,8 (R1-R8)



CQS: 95,6



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
99,1	97,4	93,2	95,5	99,3	95,0	96,7	97,8	99,3	92,7	93,0	82,0	99,5	95,7	99,1

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
96,1	98,4	95,5	95,7	93,0	96,1	97,3	97,1	95,8	92,5	88,1	95,2	94,5	93,9	88,1	96,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
99,2	98,9	89,0	91,8	97,2	96,4	96,6	99,4	96,1	95,0	96,4	97,6	98,7	99,3	99,3

COLOR PARAMETERS

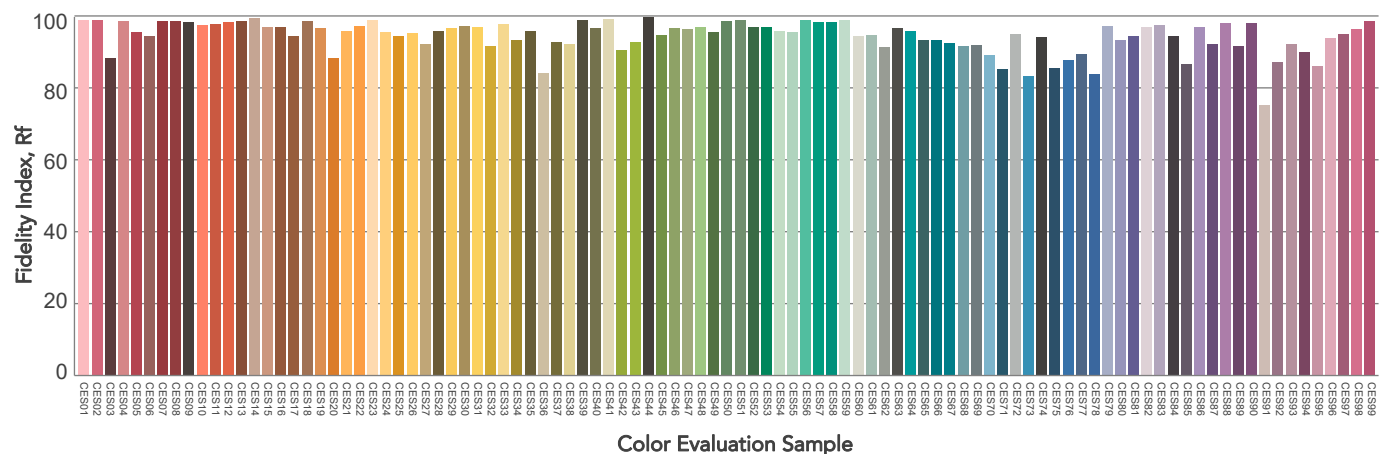
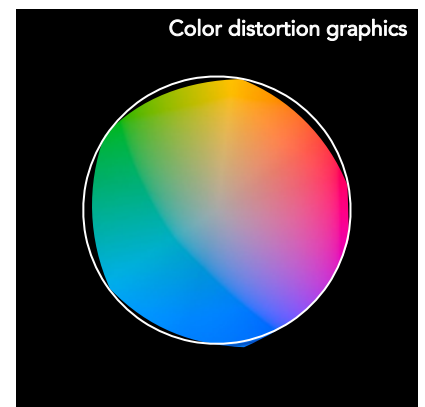
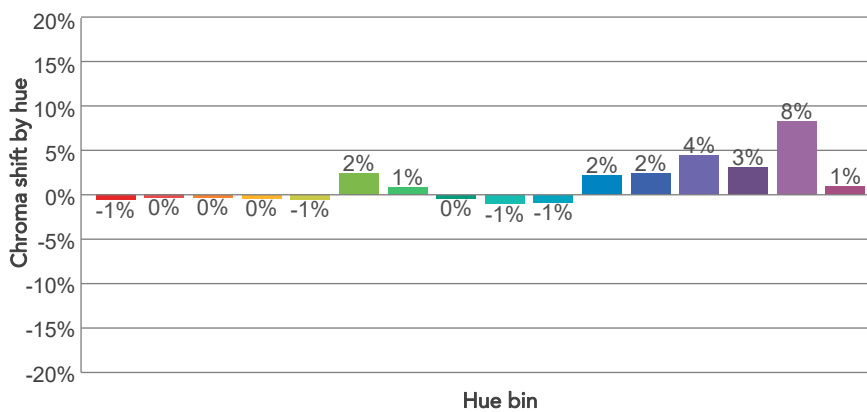
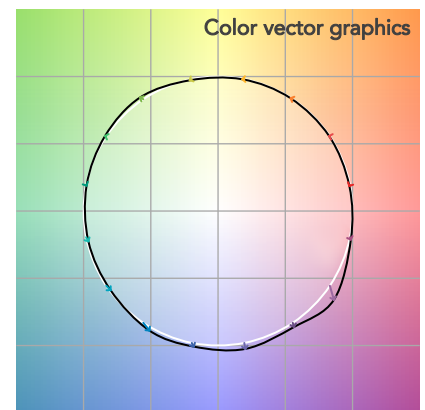
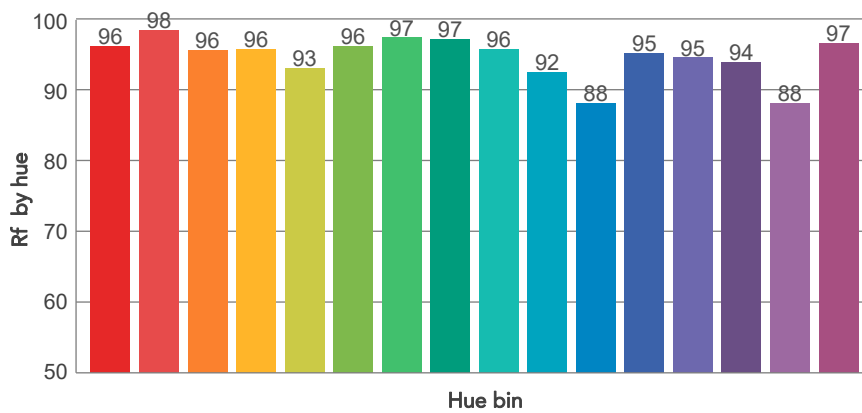
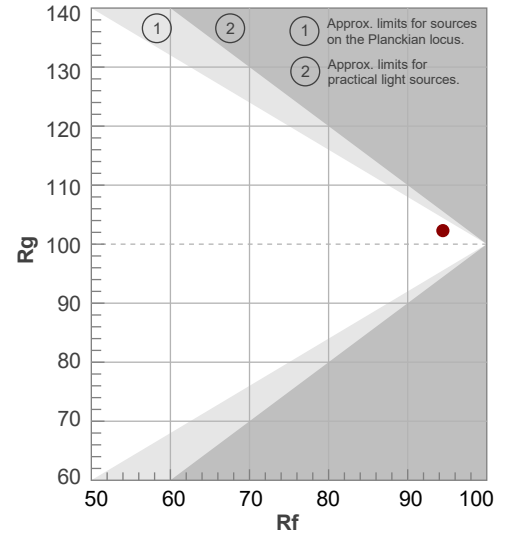
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5649 K	96,8	99,3	94,4	102,3	95,6	97	0,329	0,341	0,0014

TM30 DETAILS

Rf 94,4
Fidelity index Rf

Rg 102,3
Gammut index

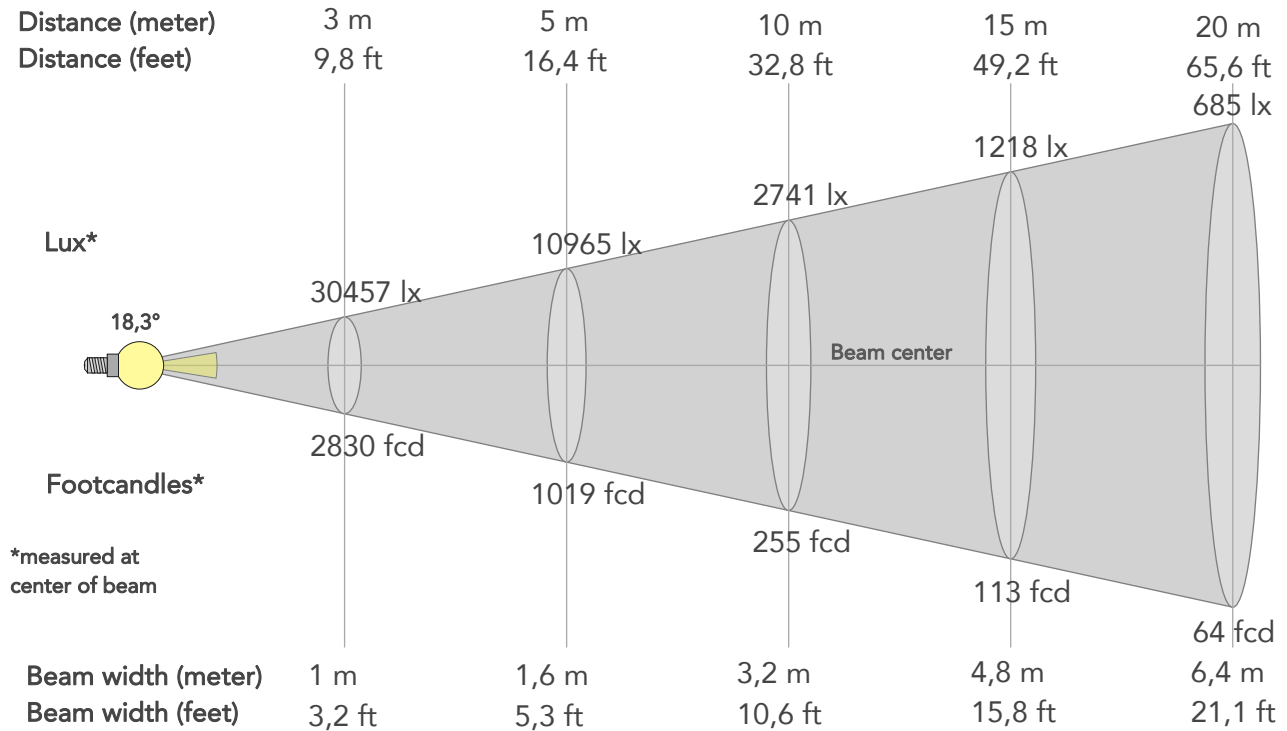
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	-1%	-1%
2	98	0%	0%
3	96	0%	2%
4	96	0%	1%
5	93	-1%	2%
6	96	2%	1%
7	97	1%	0%
8	97	0%	1%
9	96	-1%	3%
10	92	-1%	5%
11	88	2%	7%
12	95	2%	2%
13	95	4%	0%
14	94	3%	-1%
15	88	8%	-7%
16	97	1%	-2%



BEAM DETAILS



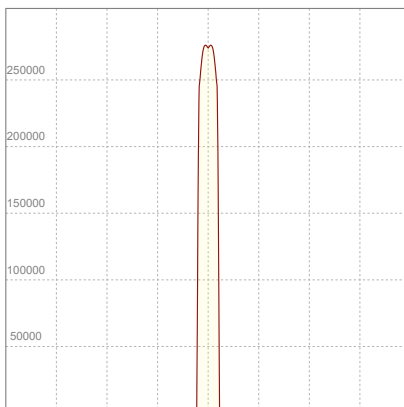
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,3°	19,9°	20,2°	99,2%	99,1%



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	274115lx	68529lx	30457lx	17132lx	10965lx	4873lx	2741lx	1218lx	685lx	439lx	305lx	171lx	110lx
Footcand.	25466fcd	6367fcd	2830fcd	1592fcd	1019fcd	453fcd	255fcd	113fcd	64fcd	41fcd	28fcd	16fcd	10fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,7m	12,9m	16,1m
Beam wid.	1,1ft	2,1ft	3,2ft	4,2ft	5,3ft	7,9ft	10,6ft	15,8ft	21,1ft	26,4ft	31,7ft	42,2ft	52,8ft

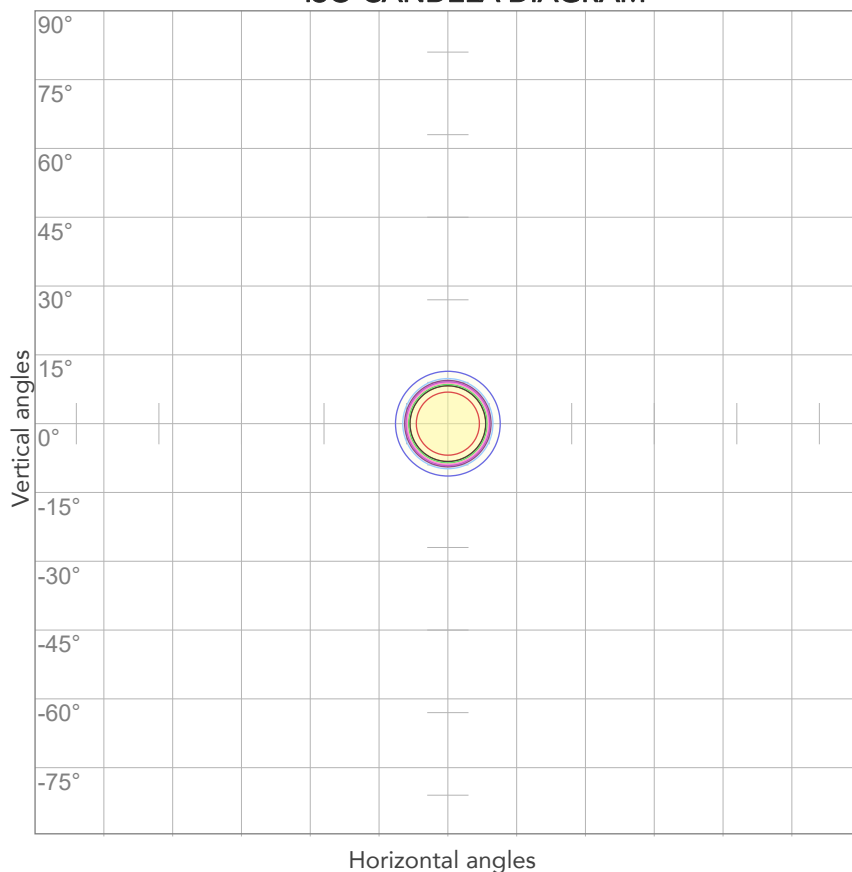
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
225V	5,12A	1133,9W	0,99	19lm/W

ISO CANDELA DIAGRAM



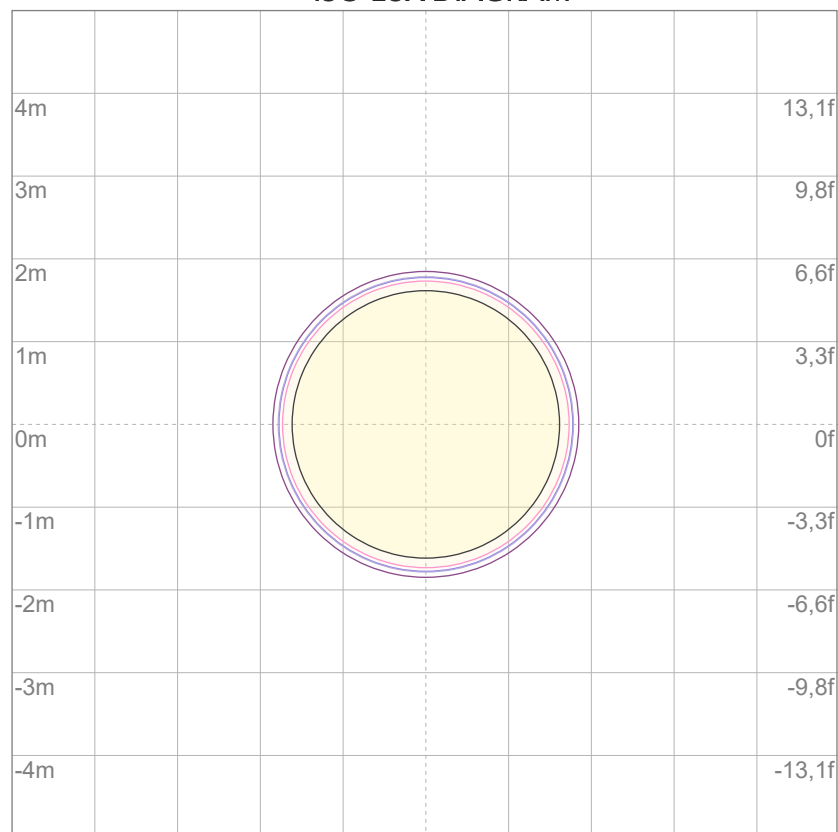
10%	27412 cd
20%	54823 cd
30%	82235 cd
40%	109646 cd
50%	137058 cd
60%	164469 cd
70%	191881 cd
80%	219292 cd

Conditions:

Number of c-planes: 2

Candela at center: 274115 cd

ISO LUX DIAGRAM



3%	82,2 lx
5%	137 lx
10%	274 lx
30%	822 lx
50%	1371 lx

Conditions:

Number of c-planes: 2

Lux at center: 2741 lx

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



Total lumen output:

13328 lm

Peak candela output:

1537121 cd

Light quality:

CRI: 97,2

Color temperature:

5622 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

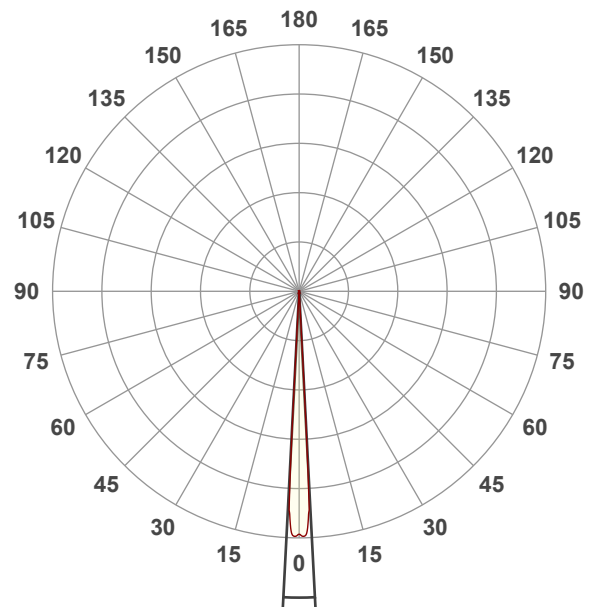
5600K - HQ

Operator:

Giuseppe della Peruta

Date and time:

18/09/2025 15:10:18

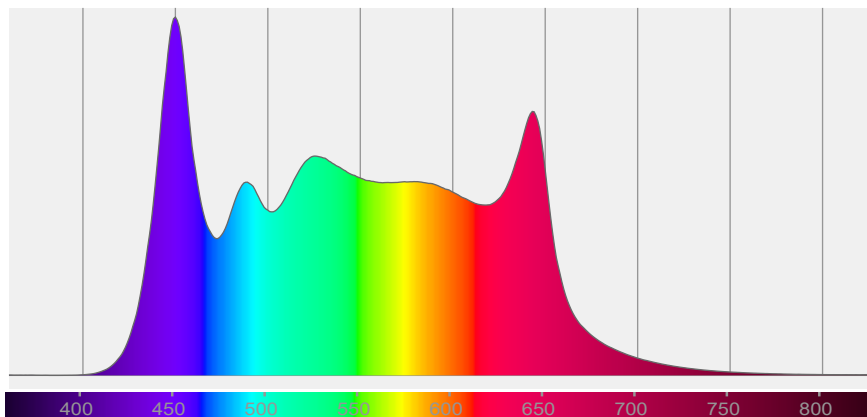


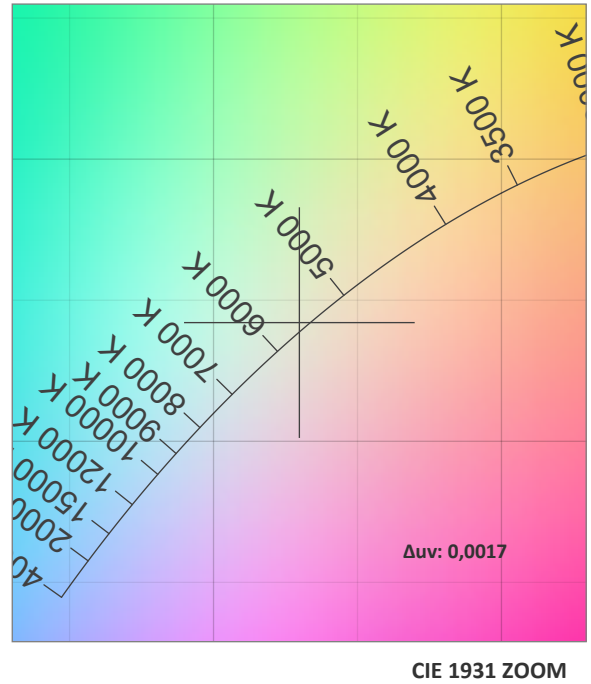
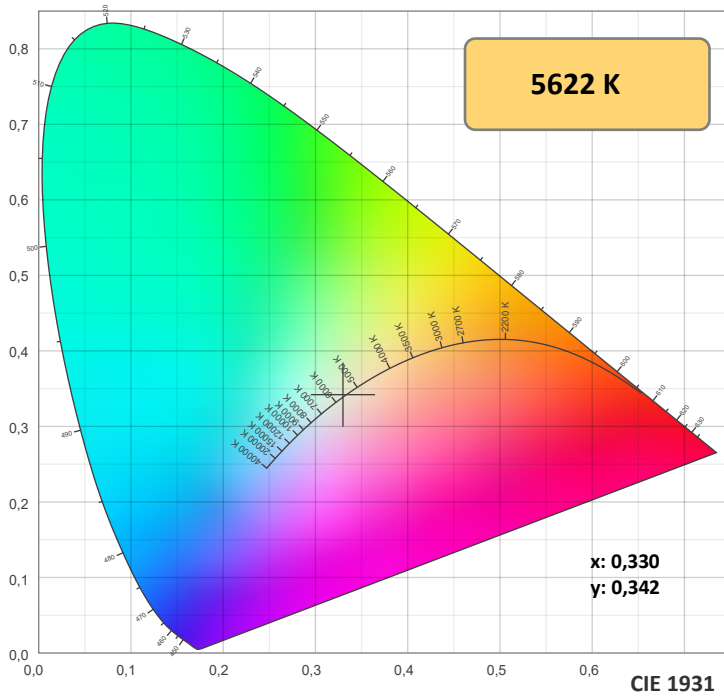
Beam angle 50%: 5,9°

Field angle 10%: 6,3°

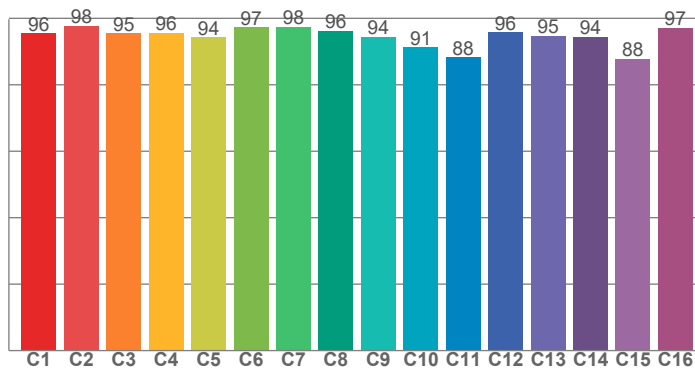
Cut off angle 2.5%: 6,7°

Spectra

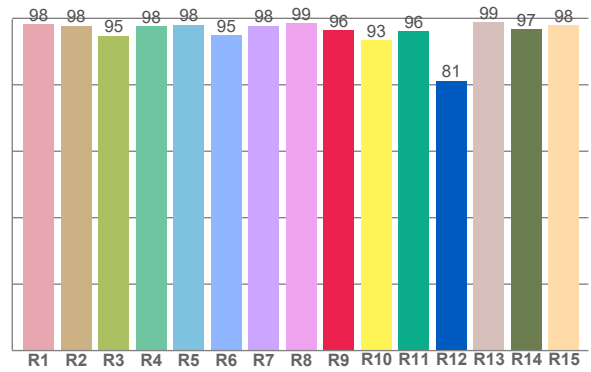




TM30: 94,4



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
98,3	97,8	94,8	97,7	98,1	94,9	97,8	98,5	96,4	93,4	96,1	81,2	98,8	96,7	97,9

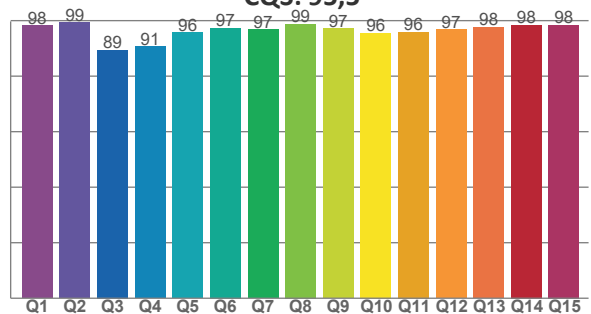
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,6	97,7	95,5	95,6	94,2	97,3	97,5	96,2	94,4	91,2	88,3	95,8	94,7	94,4	87,9	97,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,2	99,3	89,5	90,6	95,7	97,4	96,9	98,8	97,1	95,6	95,9	96,8	97,6	98,3	98,4

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
5622 K	97,2	96,4	94,4	101,1	95,5	98	0,330	0,342	0,0017

TM30 DETAILS

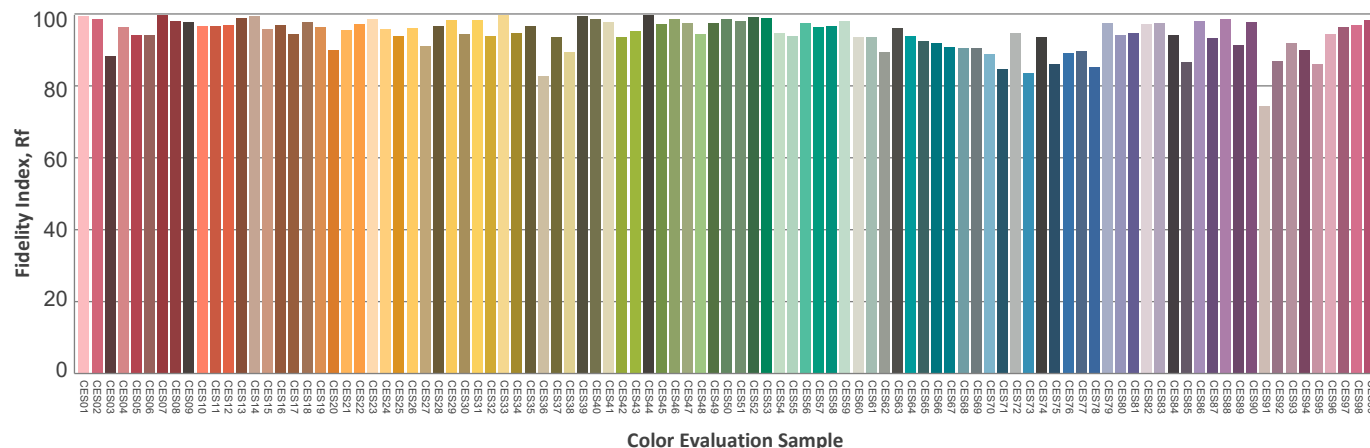
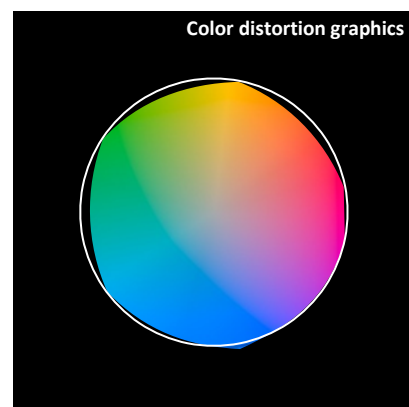
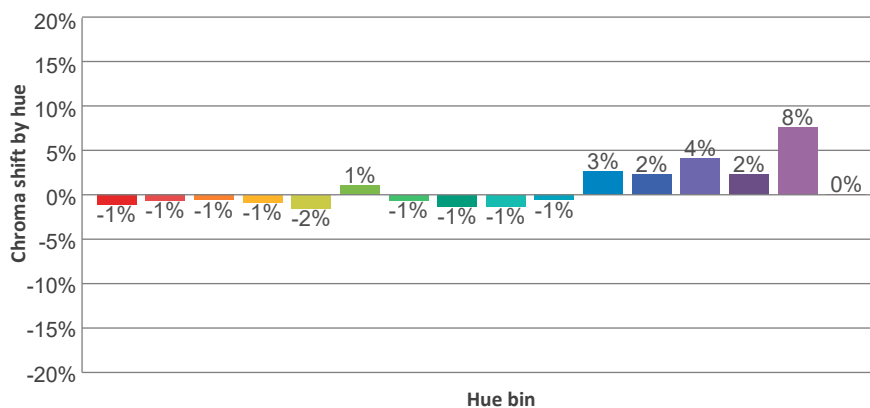
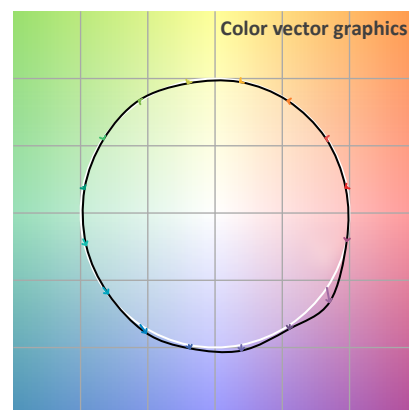
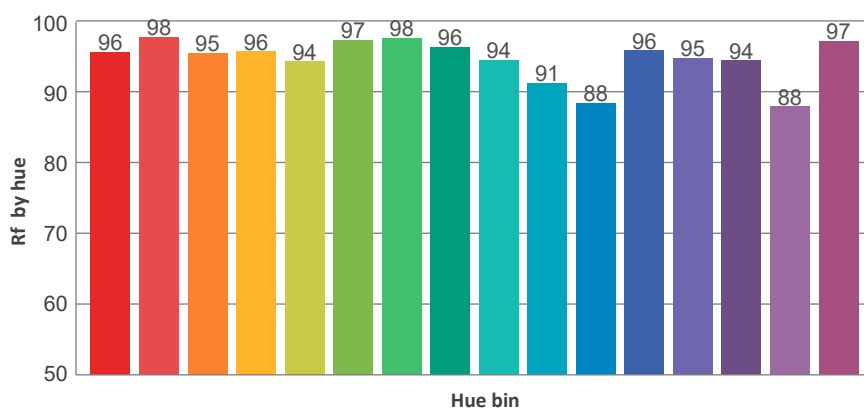
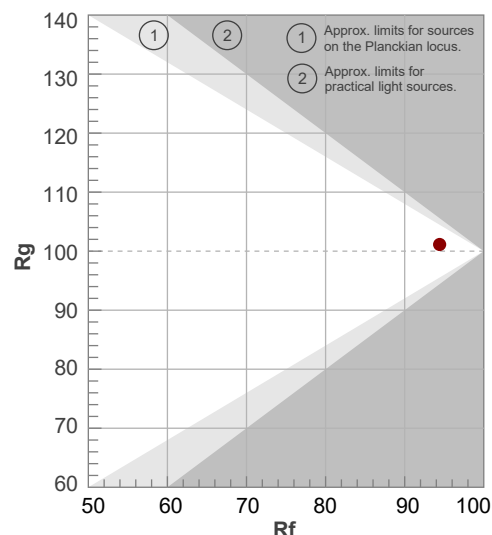
Rf 94,4

Fidelity index Rf

Rg 101,1

Gammut index Rg

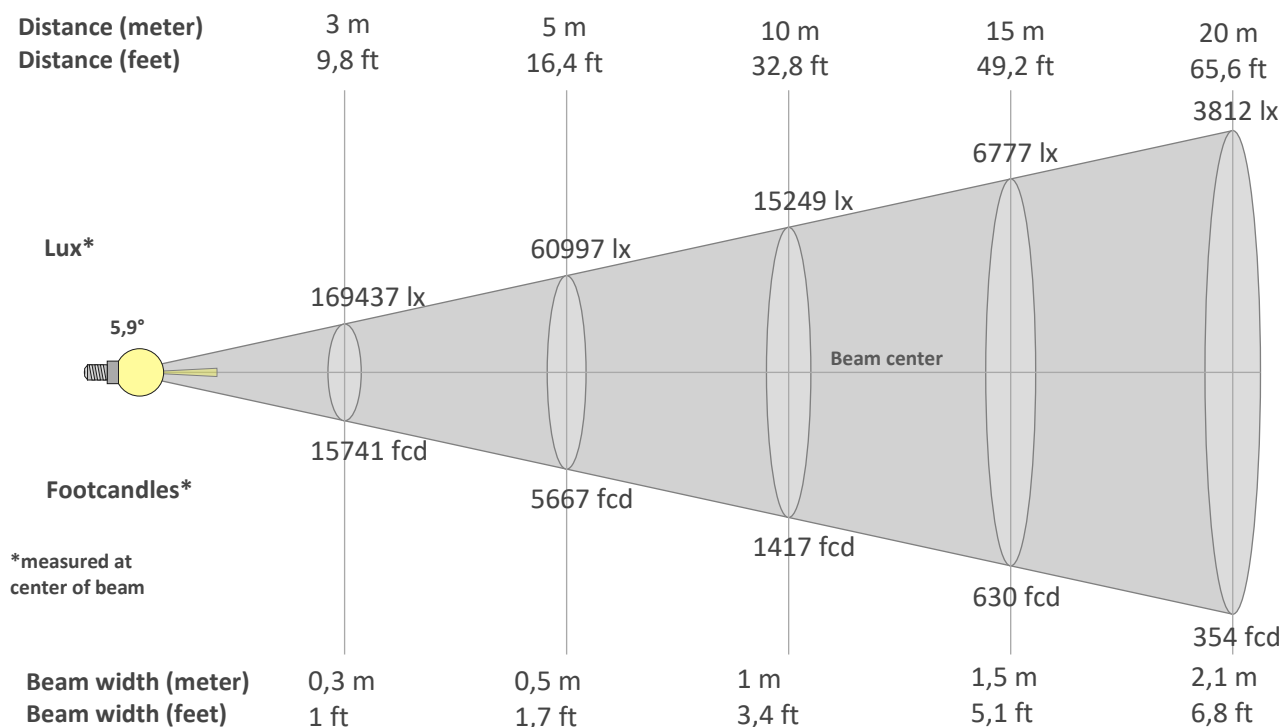
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	-1%	0%
2	98	-1%	1%
3	95	-1%	2%
4	96	-1%	1%
5	94	-2%	1%
6	97	1%	1%
7	98	-1%	0%
8	96	-1%	1%
9	94	-1%	5%
10	91	-1%	5%
11	88	3%	7%
12	96	2%	1%
13	95	4%	-1%
14	94	2%	-2%
15	88	8%	-8%
16	97	0%	-1%



BEAM DETAILS



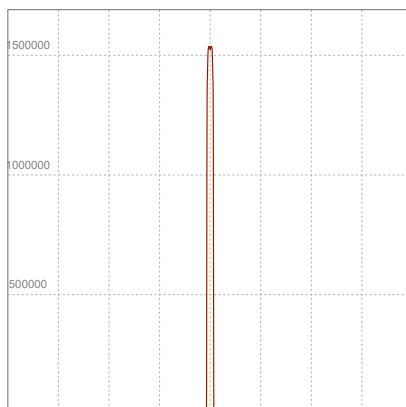
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	6,3°	6,7°	95,2%	94,0%



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	1524933lx	381233lx	169437lx	95308lx	60997lx	27110lx	15249lx	6777lx	3812lx	2440lx	1694lx	953lx	610lx
Footcand.	141671fcd	35418fcd	15741fcd	8854fcd	5667fcd	2519fcd	1417fcd	630fcd	354fcd	227fcd	157fcd	89fcd	57fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2,1m	2,6m	3,1m	4,1m	5,2m
Beam wid.	0,3ft	0,7ft	1ft	1,4ft	1,7ft	2,5ft	3,4ft	5,1ft	6,8ft	8,5ft	10,1ft	13,5ft	16,9ft

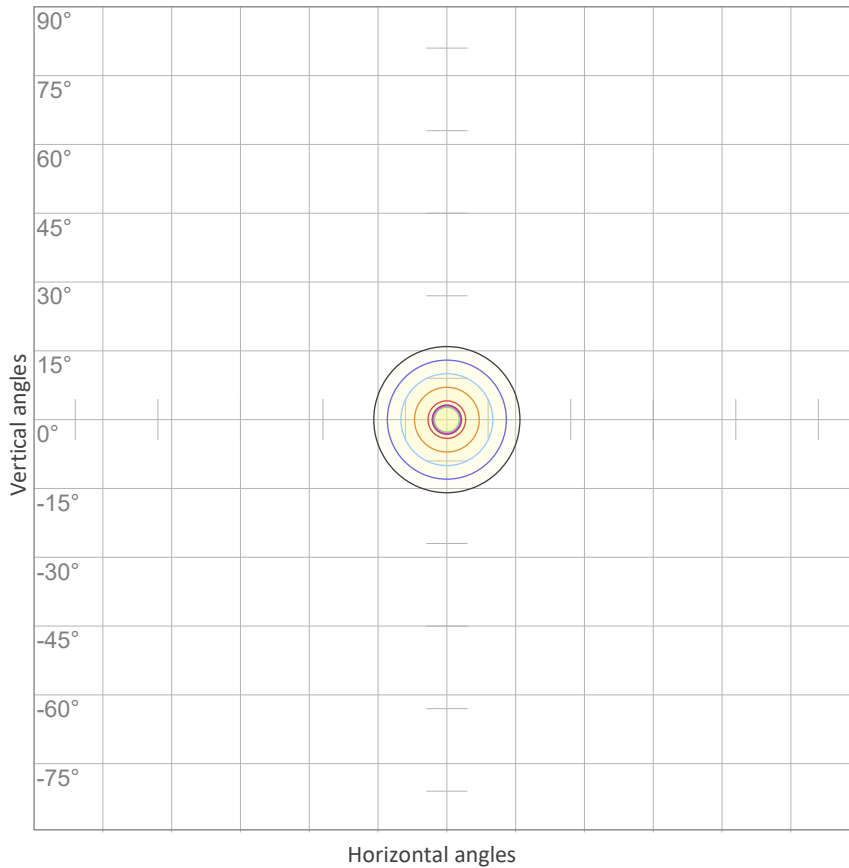
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
224V	5,53A	1221,2W	0,99	11lm/W

ISO CANDELA DIAGRAM



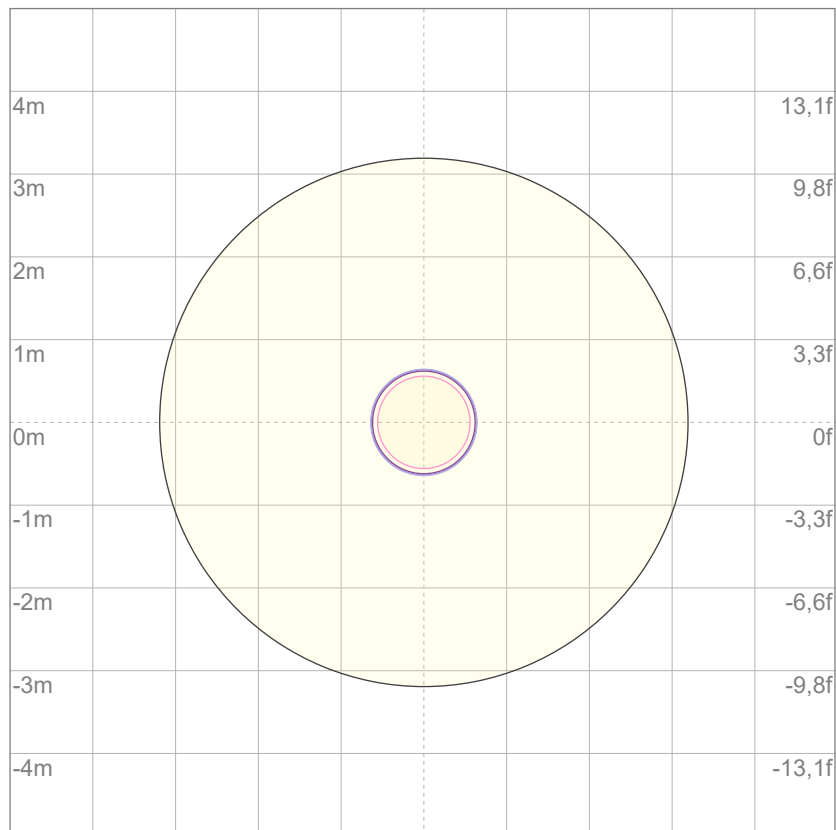
10%	152493 cd
20%	304987 cd
30%	457480 cd
40%	609973 cd
50%	762467 cd
60%	914960 cd
70%	1067453 cd
80%	1219947 cd
90%	1372440 cd

Conditions:

Number of c-planes: 2

Candela at center: 1524933 cd

ISO LUX DIAGRAM



3%	457 lx
5%	762 lx
10%	1525 lx
30%	4575 lx
50%	7625 lx

Conditions:

Number of c-planes: 2

Lux at center: 15,2K lx

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



Total lumen output:

20008 lm

Peak candela output:

37838 cd

Light quality:

CRI: 97,8

Color temperature:

6046 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

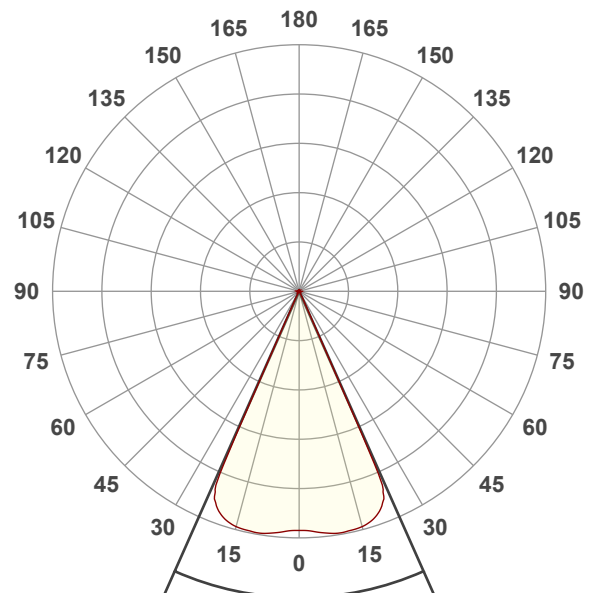
6000K - HQ

Operator:

Giuseppe della Peruta

Date and time:

19/09/2025 16:38:41

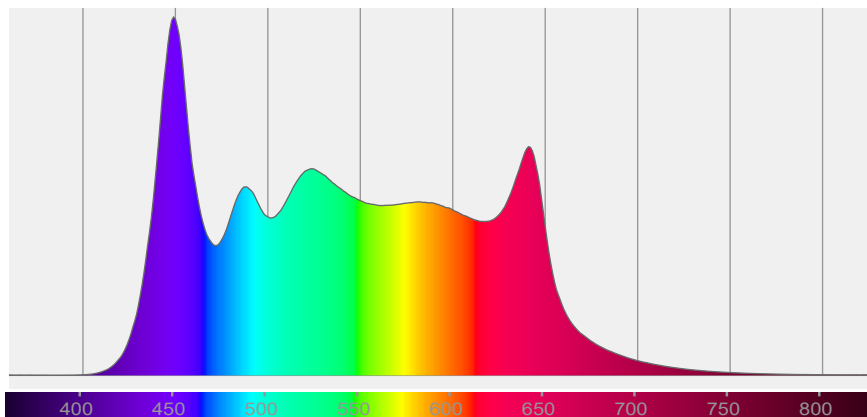


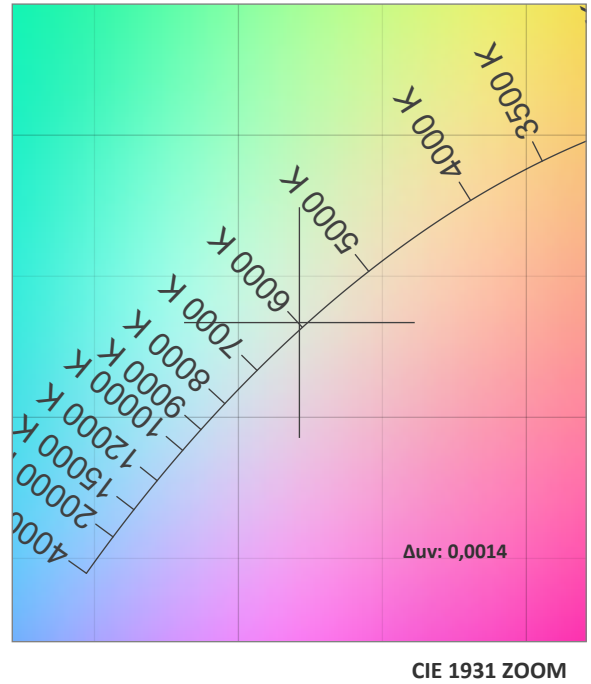
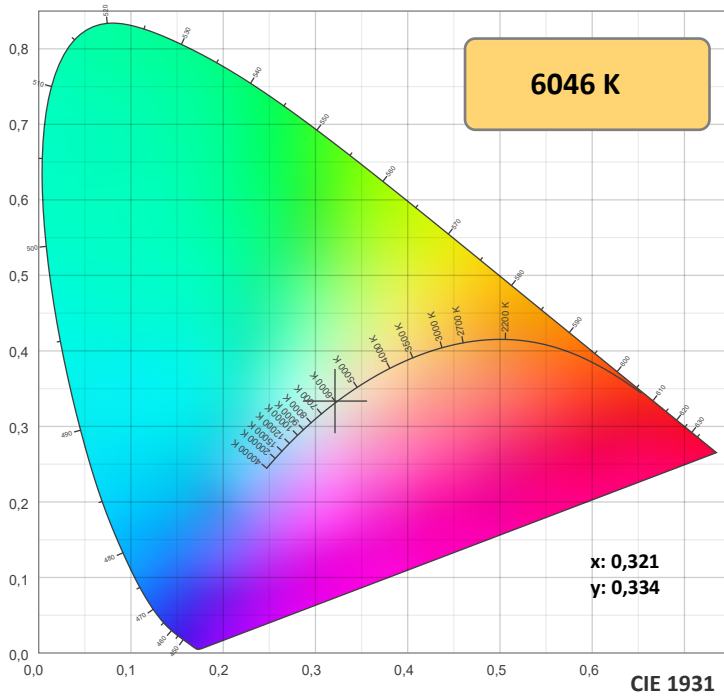
Beam angle 50%: 47,9°

Field angle 10%: 49,1°

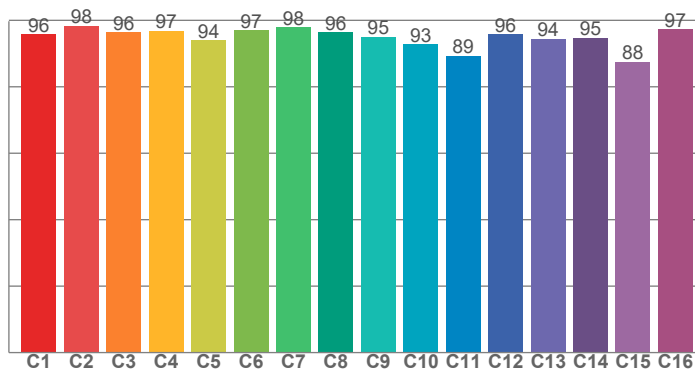
Cut off angle 2.5%: 50,7°

Spectra

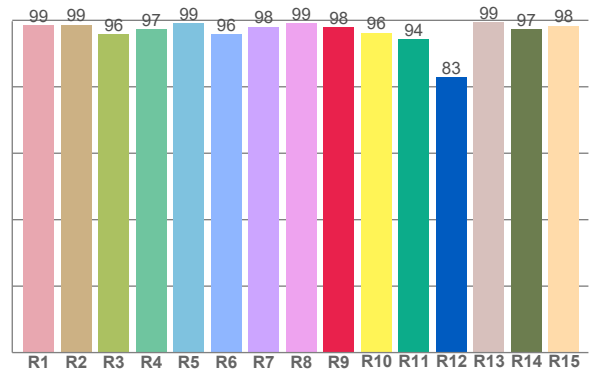




TM30: 94,8



CRI: 97,8 (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
98,5	98,7	95,8	97,3	99,3	95,9	98,1	99,1	97,9	96,3	94,2	82,8	99,4	97,3	98,4

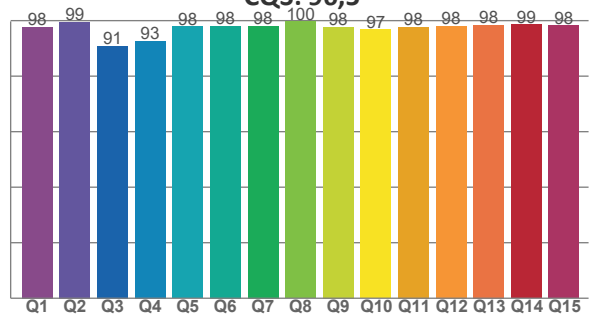
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,7	98,3	96,4	96,8	94,1	97,1	97,8	96,5	95,0	92,7	89,3	95,9	94,4	94,8	87,5	97,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,7	99,5	90,9	92,7	97,8	98,1	98,1	99,7	97,6	96,8	97,7	98,1	98,4	98,6	98,3

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
6046 K	97,8	97,9	94,8	101,5	96,5	97	0,321	0,334	0,0014

TM30 DETAILS

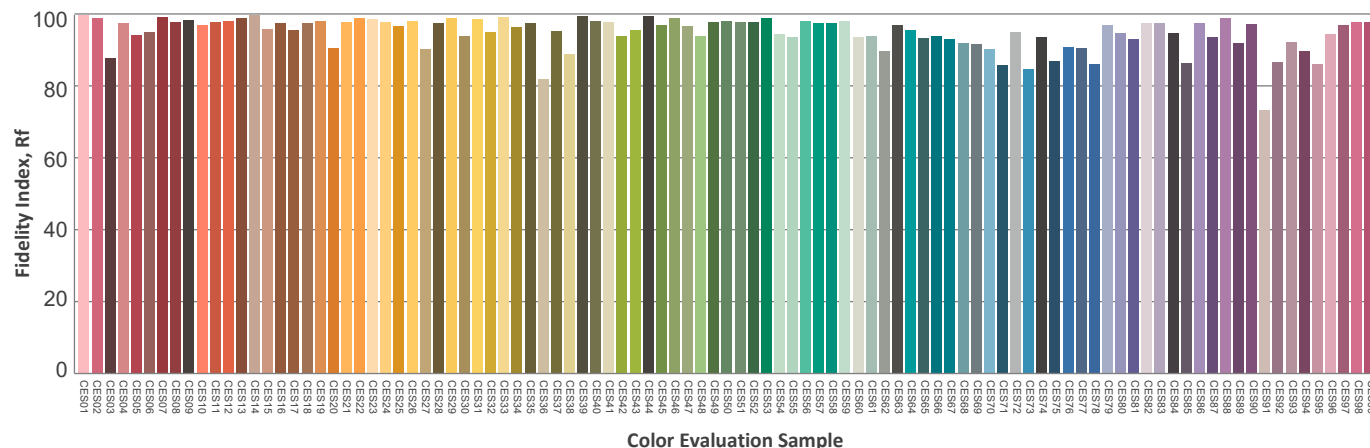
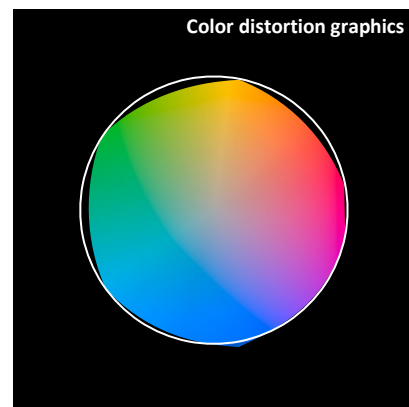
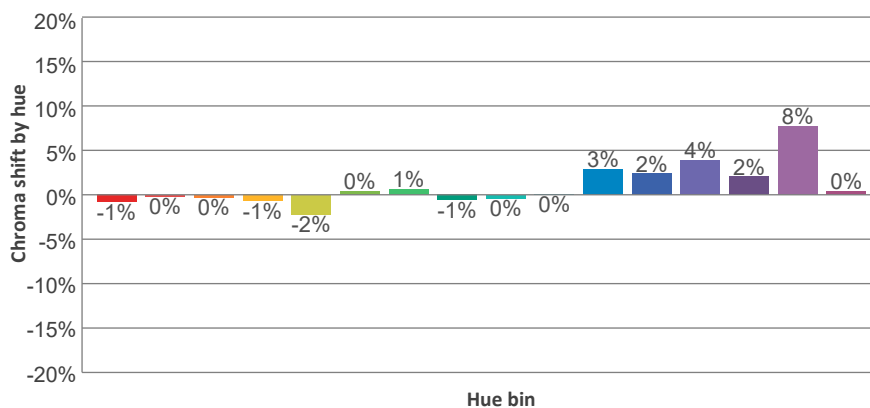
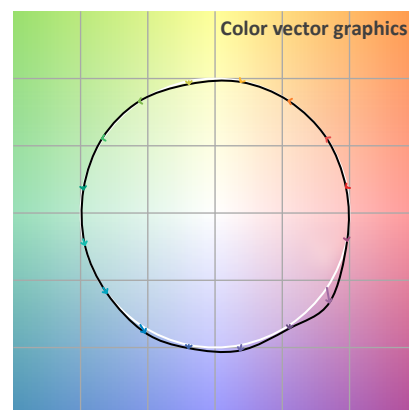
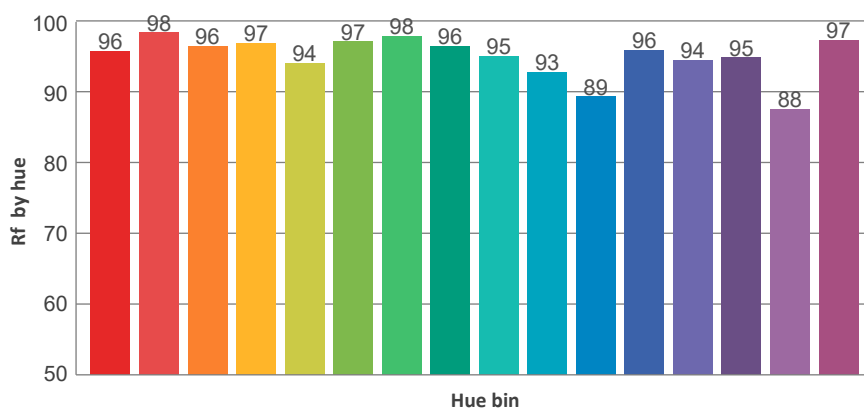
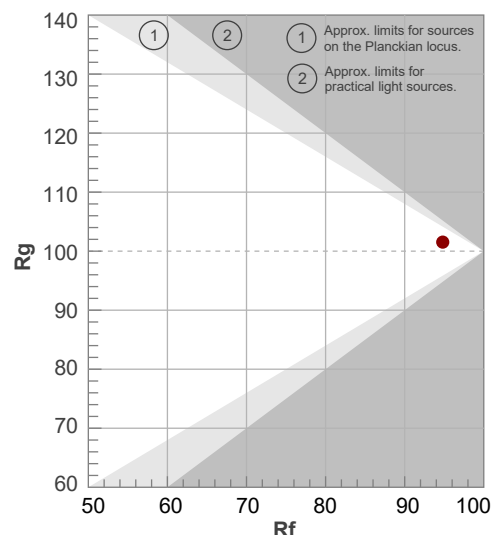
Rf 94,8

Fidelity index Rf

Rg 101,5

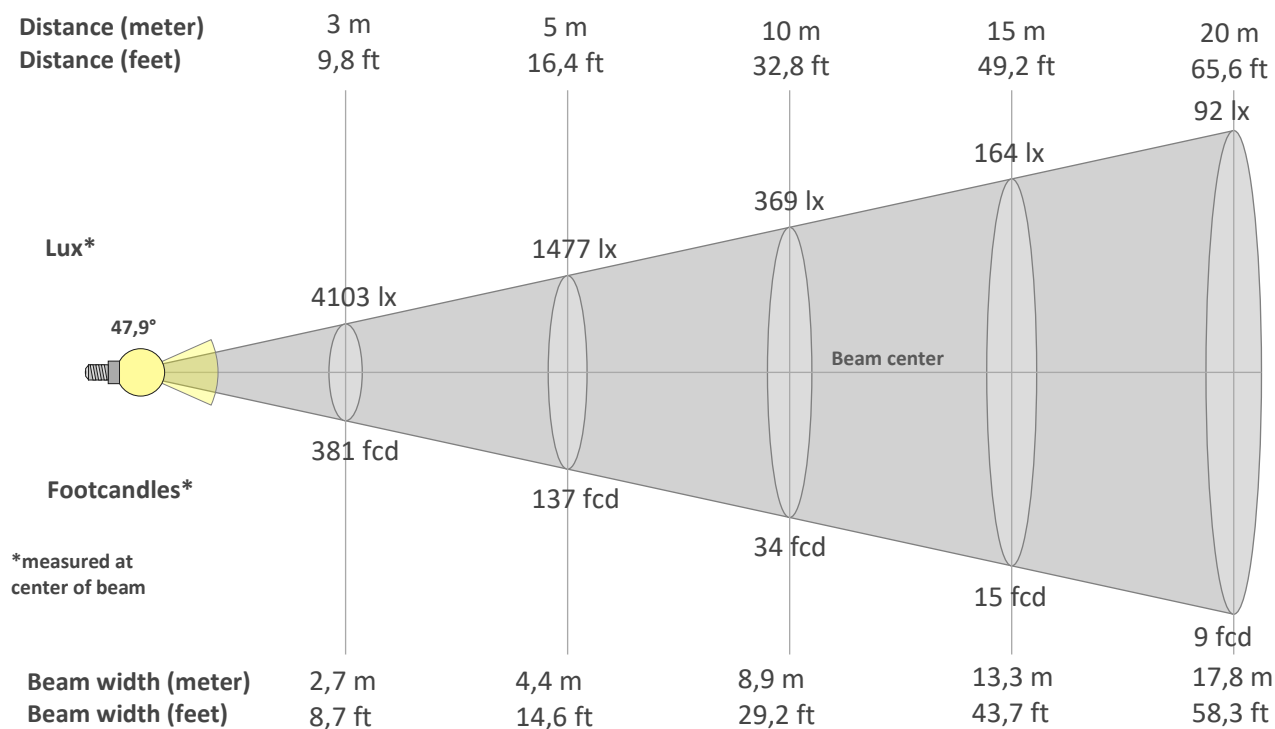
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	-1%	0%
2	98	0%	1%
3	96	0%	1%
4	97	-1%	0%
5	94	-2%	0%
6	97	0%	1%
7	98	1%	1%
8	96	-1%	2%
9	95	0%	4%
10	93	0%	5%
11	89	3%	6%
12	96	2%	0%
13	94	4%	-2%
14	95	2%	-2%
15	88	8%	-8%
16	97	0%	-1%



BEAM DETAILS

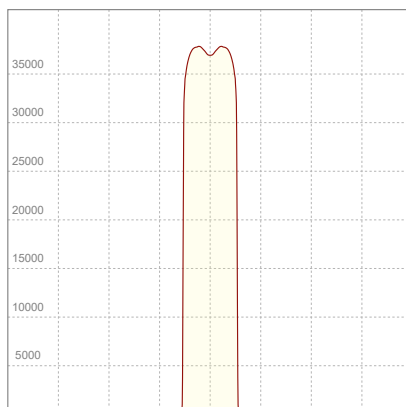
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,9°	49,1°	50,7°	99,8%	99,7%



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	36930lx	9232lx	4103lx	2308lx	1477lx	657lx	369lx	164lx	92lx	59lx	41lx	23lx	15lx
Footcand.	3431fcd	858fcd	381fcd	214fcd	137fcd	61fcd	34fcd	15fcd	9fcd	5fcd	4fcd	2fcd	1fcd
Beam wid.	0,9m	1,8m	2,7m	3,6m	4,4m	6,7m	8,9m	13,3m	17,8m	22,2m	26,7m	35,6m	44,5m
Beam wid.	2,9ft	5,9ft	8,7ft	11,6ft	14,6ft	21,9ft	29,2ft	43,7ft	58,3ft	72,9ft	87,5ft	116,6ft	145,8ft

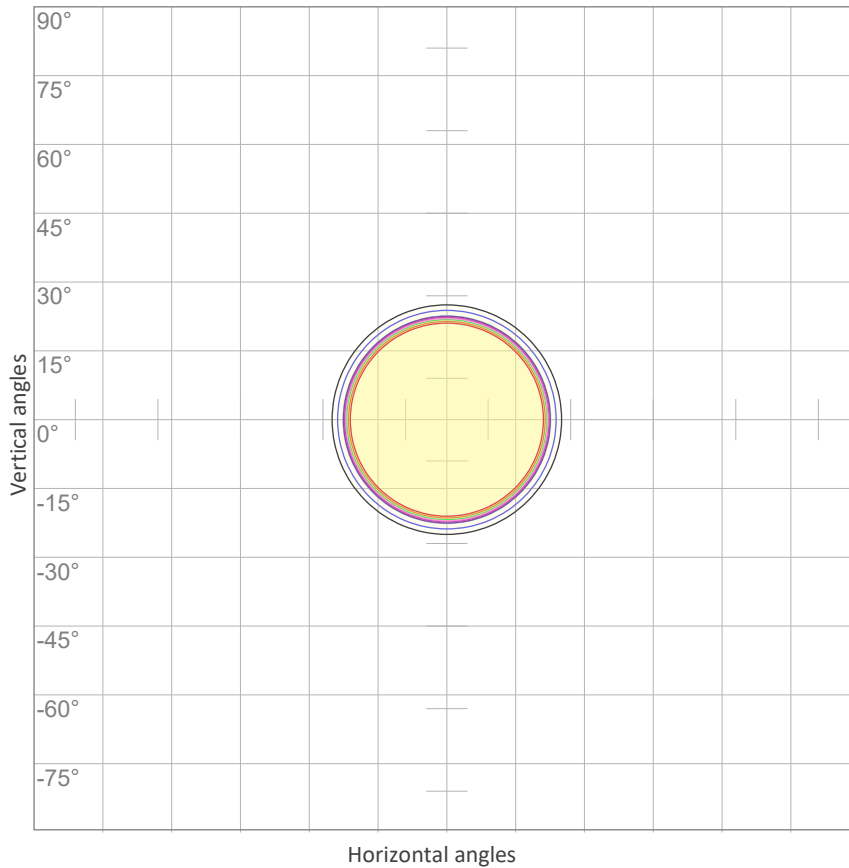
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
221V	5,55A	1211,7W	0,99	17lm/W

ISO CANDELA DIAGRAM



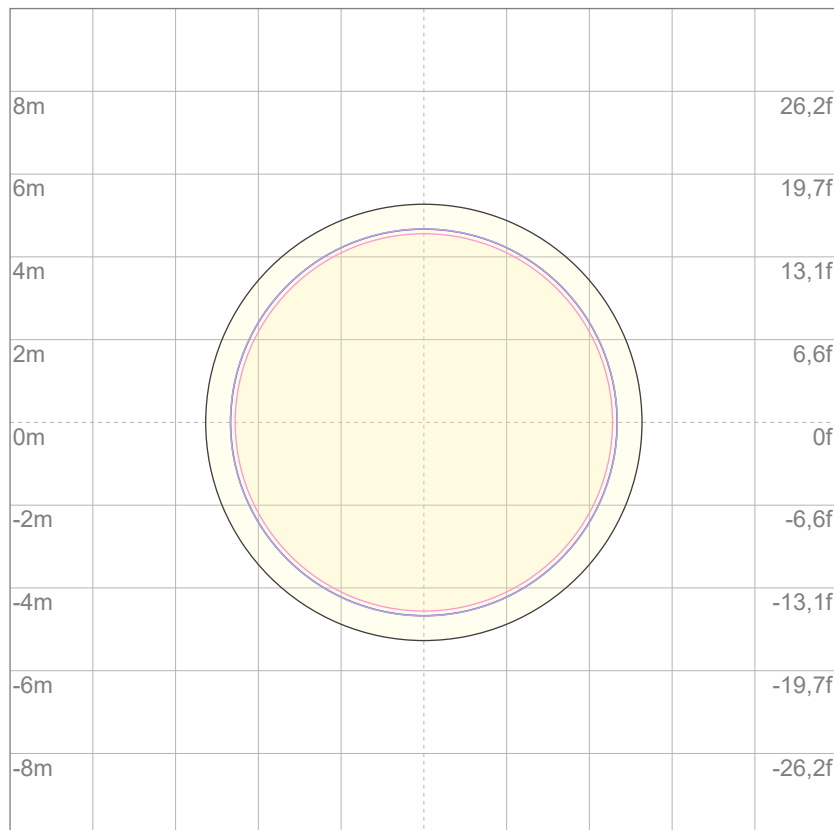
10%	3693 cd
20%	7386 cd
30%	11079 cd
40%	14772 cd
50%	18465 cd
60%	22158 cd
70%	25851 cd
80%	29544 cd
90%	33237 cd

Conditions:

Number of c-planes: 2

Candela at center: 36930 cd

ISO LUX DIAGRAM



3%	11,1 lx
5%	18,5 lx
10%	36,9 lx
30%	111 lx
50%	185 lx

Conditions:

Number of c-planes: 2

Lux at center: 369 lx

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



Total lumen output:

19425 lm

Peak candela output:

257465 cd

Light quality:

CRI: 97,5

Color temperature:

6003 K

PRODUCT NAME:

MUSEP70CTP

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

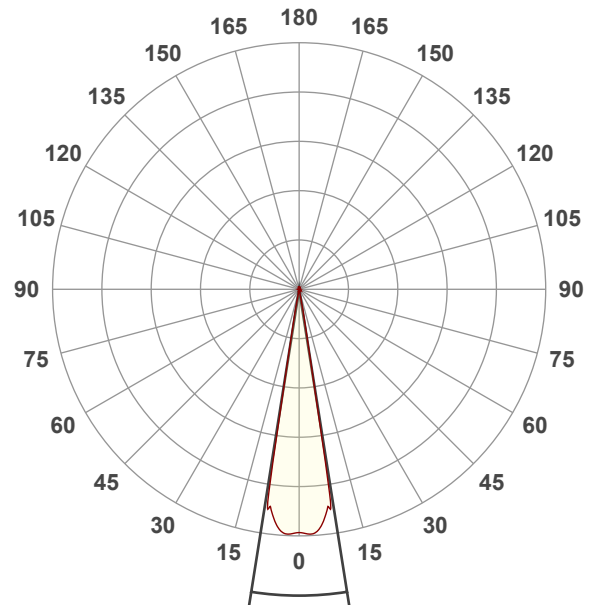
6000K - HQ

Operator:

Giuseppe della Peruta

Date and time:

19/09/2025 17:45:46

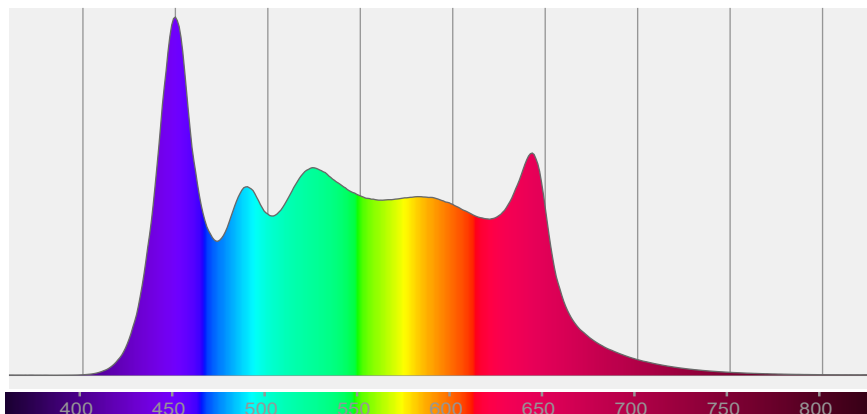


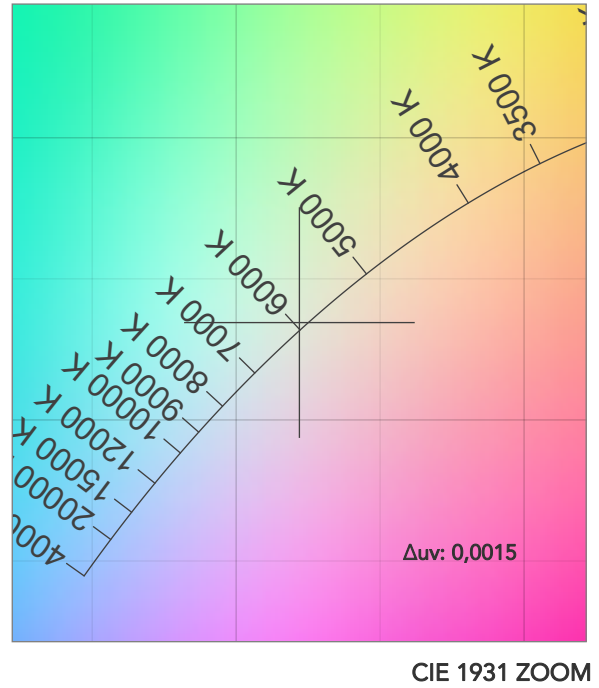
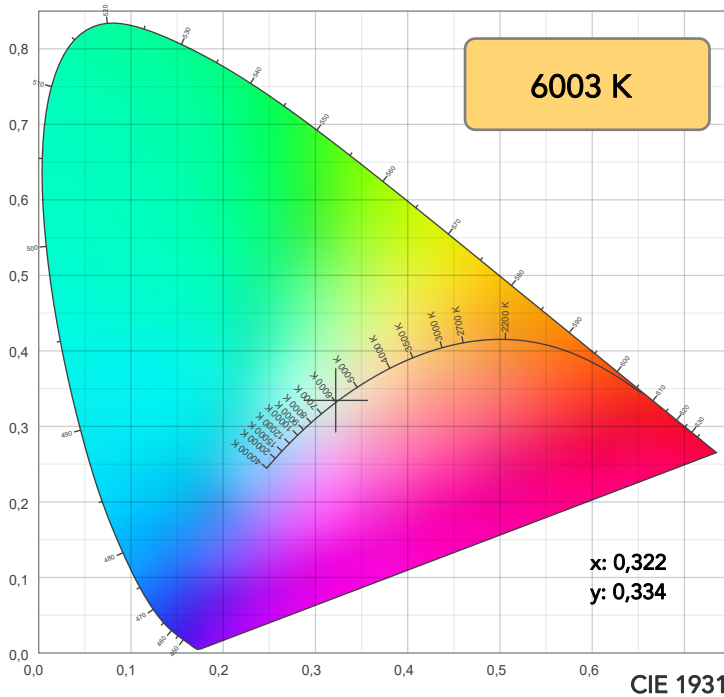
Beam angle 50%: 18°

Field angle 10%: 19,8°

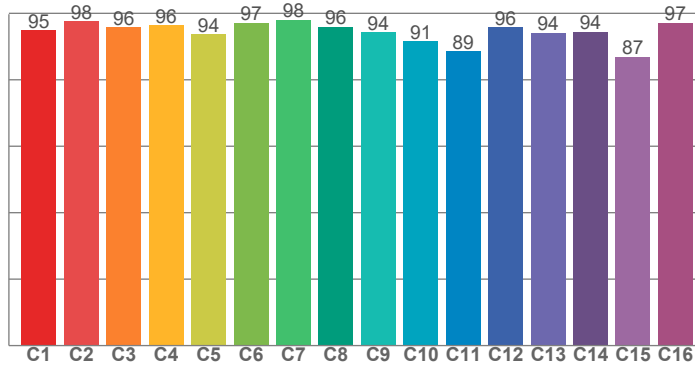
Cut off angle 2.5%: 20,7°

Spectra

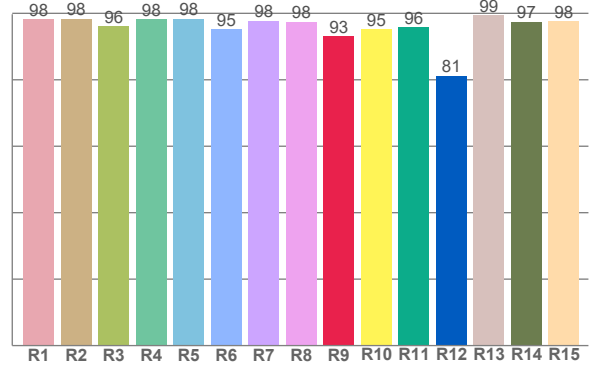




TM30: 94,3



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	98,4	96,1	98,2	98,4	95,3	97,8	97,5	93,0	95,3	95,8	81,2	99,4	97,5	97,6

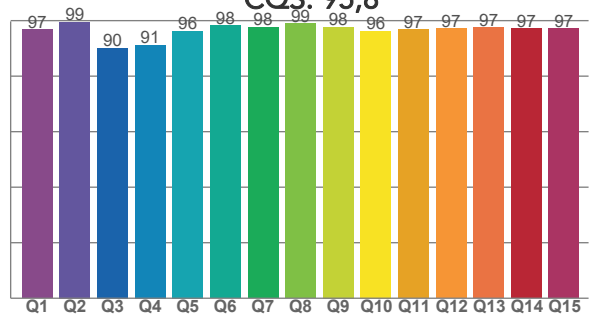
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,9	97,6	95,8	96,3	93,7	97,2	98,1	96,0	94,2	91,5	88,6	95,8	94,2	94,4	87,0	97,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,9	99,5	90,2	91,2	96,3	98,2	97,6	99,1	97,8	96,3	96,7	97,1	97,4	97,2	97,2

CQS: 95,8



COLOR PARAMETERS

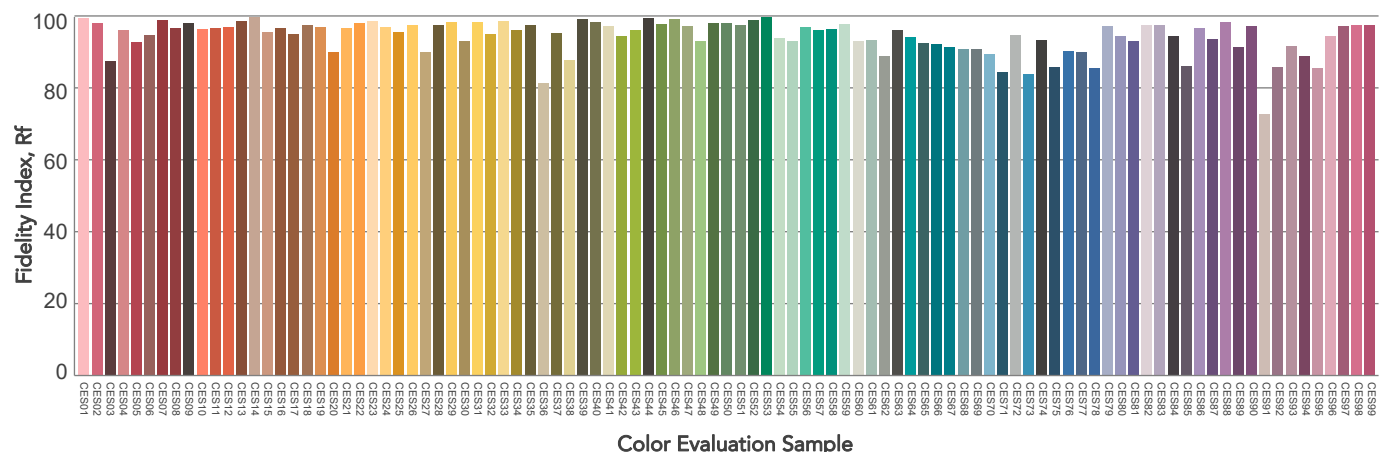
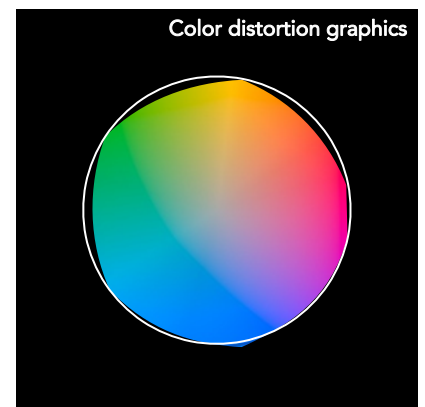
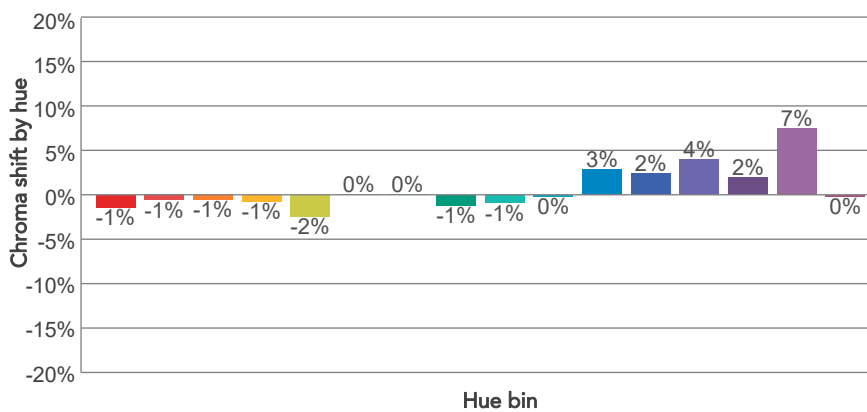
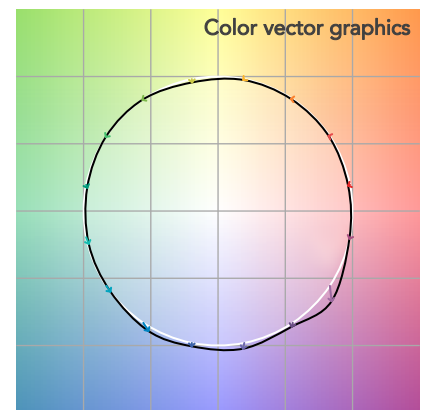
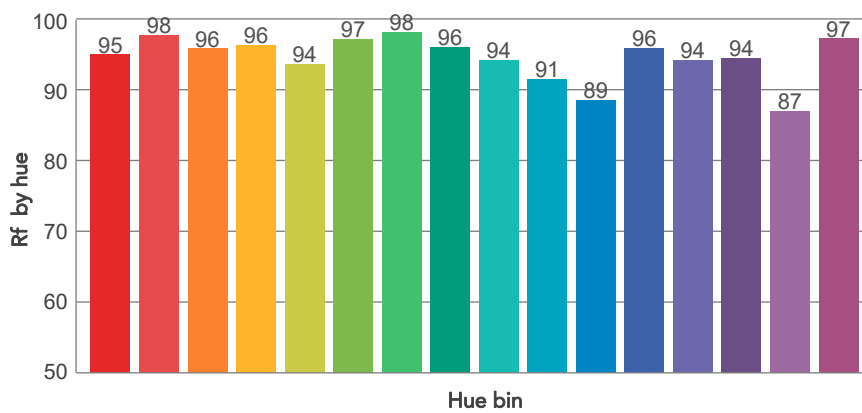
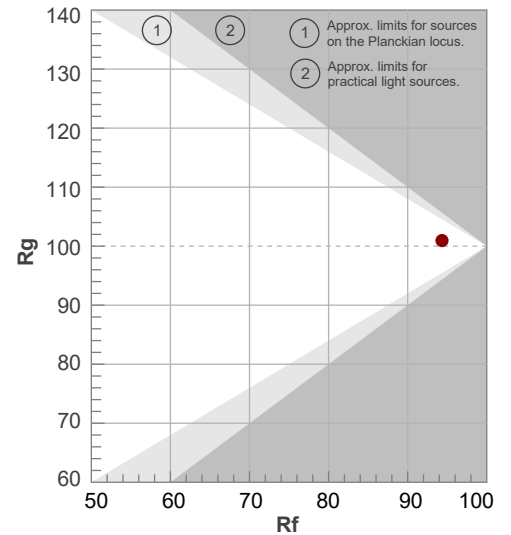
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6003 K	97,5	93,0	94,3	100,9	95,8	97	0,322	0,334	0,0015

TM30 DETAILS

Rf 94,3
Fidelity index Rf

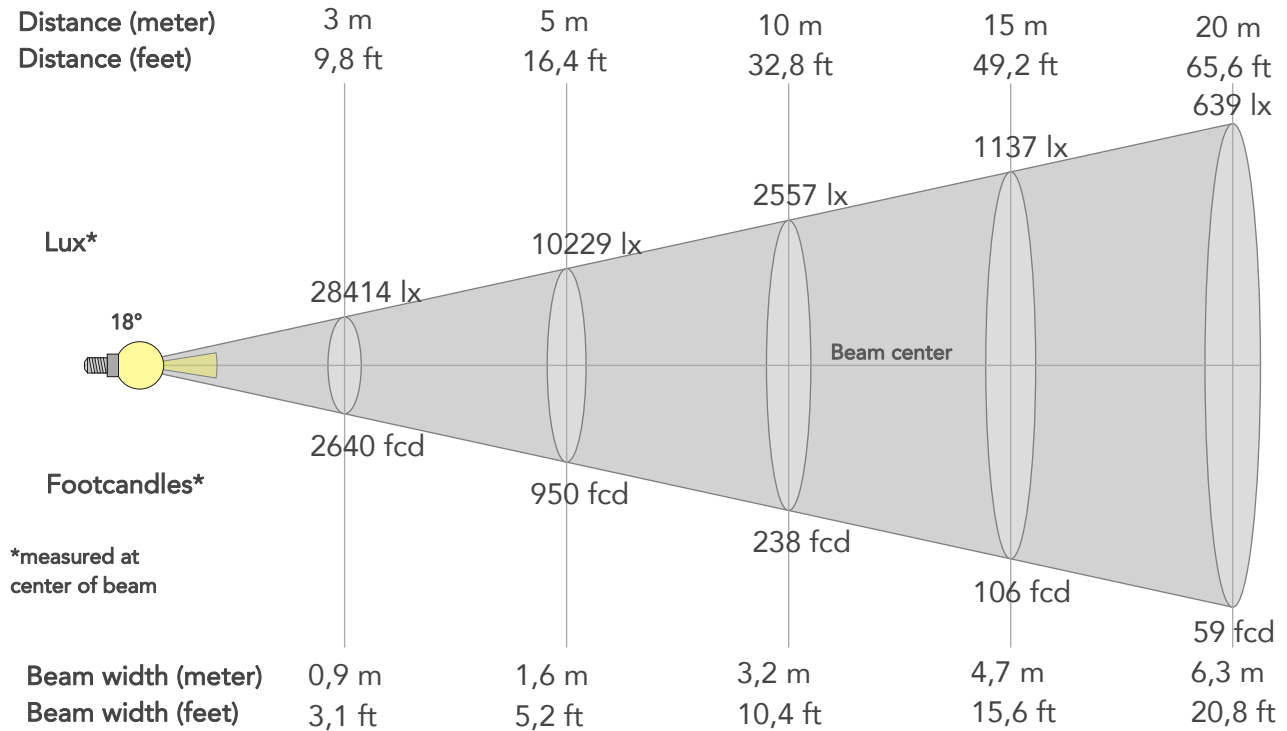
Rg 100,9
Gammut index

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



BEAM DETAILS

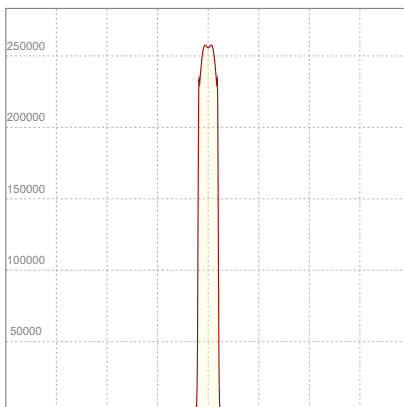
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18°	19,8°	20,7°	99,7%	99,5%



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	255730lx	63933lx	28414lx	15983lx	10229lx	4546lx	2557lx	1137lx	639lx	409lx	284lx	160lx	102lx
Footcand.	23758fcd	5940fcd	2640fcd	1485fcd	950fcd	422fcd	238fcd	106fcd	59fcd	38fcd	26fcd	15fcd	10fcd
Beam wid.	0,3m	0,6m	0,9m	1,3m	1,6m	2,4m	3,2m	4,7m	6,3m	7,9m	9,5m	12,7m	15,8m
Beam wid.	1ft	2,1ft	3,1ft	4,1ft	5,2ft	7,8ft	10,4ft	15,6ft	20,8ft	26ft	31,2ft	41,5ft	51,9ft

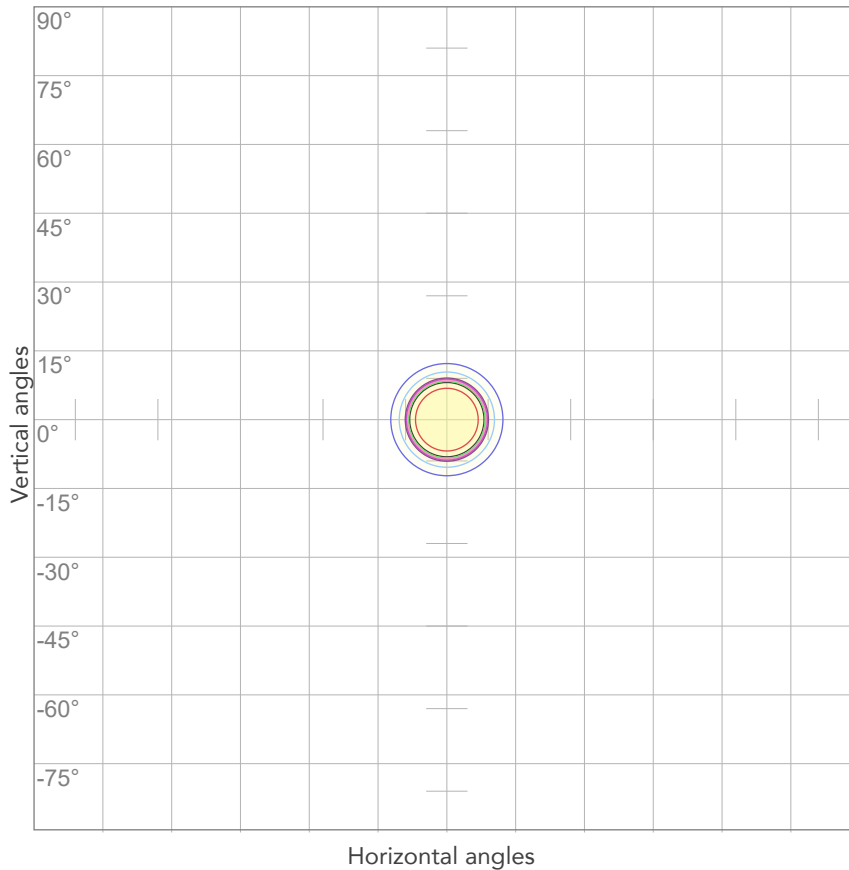
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
223V	5,43A	1193,8W	0,99	16lm/W

ISO CANDELA DIAGRAM



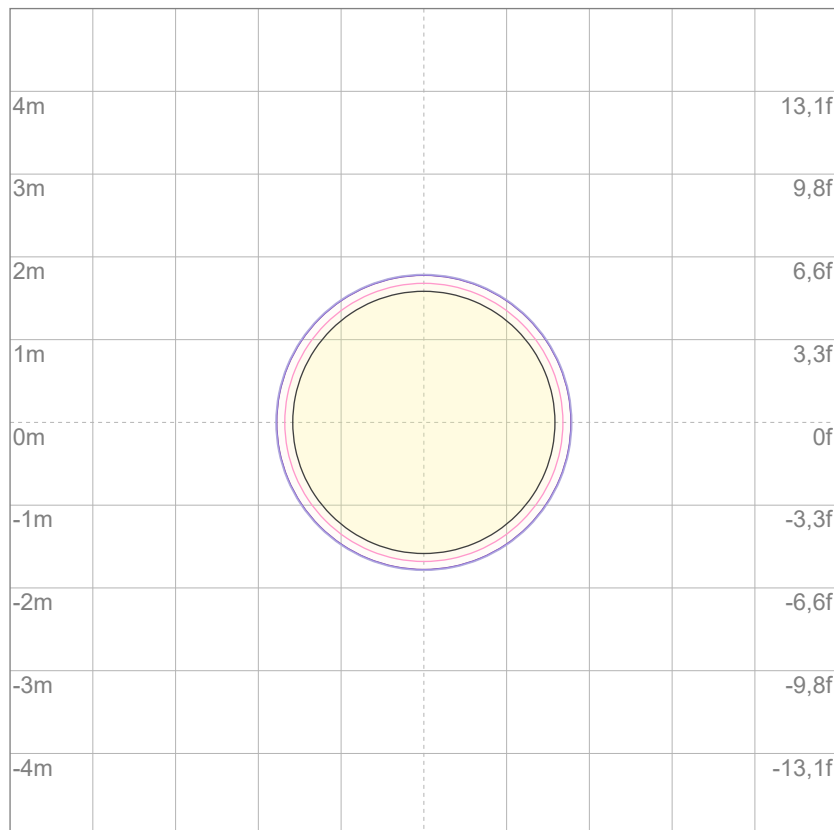
10%	25573 cd
20%	51146 cd
30%	76719 cd
40%	102292 cd
50%	127865 cd
60%	153438 cd
70%	179011 cd
80%	204584 cd

Conditions:

Number of c-planes: 2

Candela at center: 255730 cd

ISO LUX DIAGRAM



3%	76,7 lx
5%	128 lx
10%	256 lx
30%	767 lx
50%	1279 lx

Conditions:

Number of c-planes: 2

Lux at center: 2557 lx

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



Total lumen output:

13329 lm

Peak candela output:

1414819 cd

Light quality:

CRI: 98,1

Color temperature:

6053 K

PRODUCT NAME:

MUSEP70CTP

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

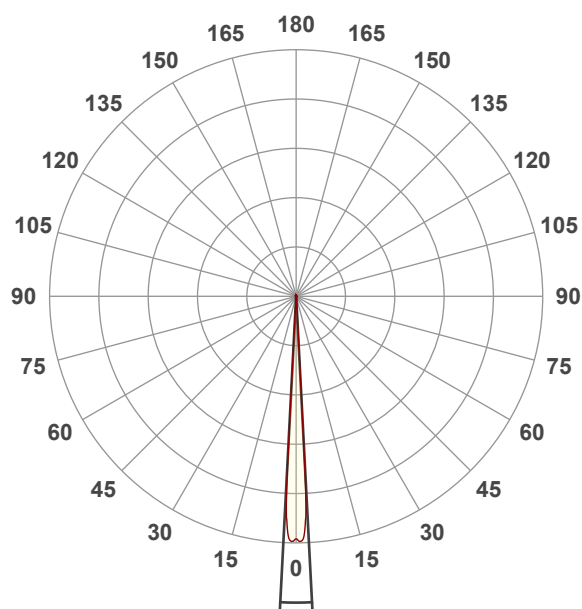
6000K - HQ

Operator:

Giuseppe della Peruta

Date and time:

19/09/2025 17:37:15

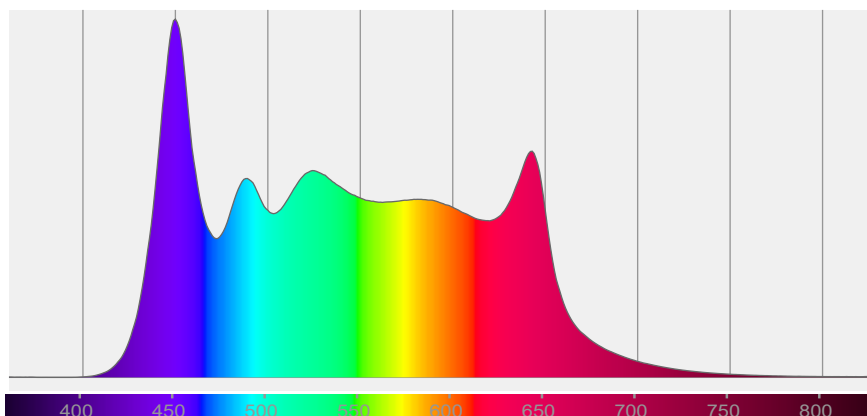


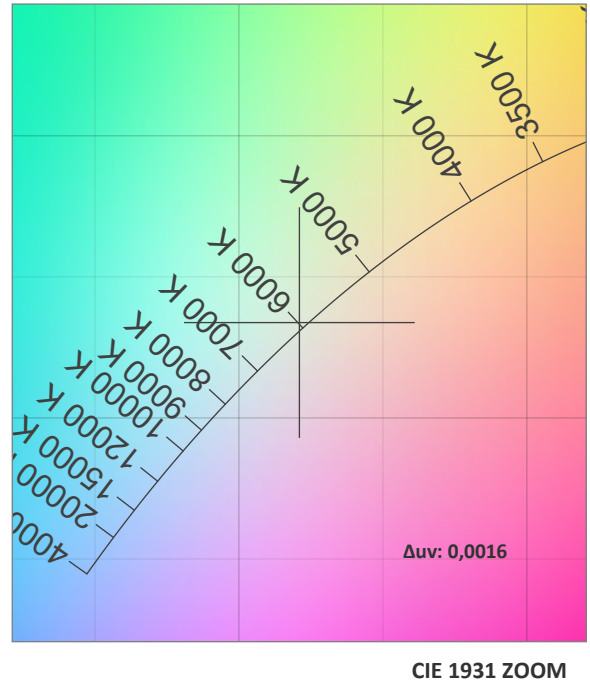
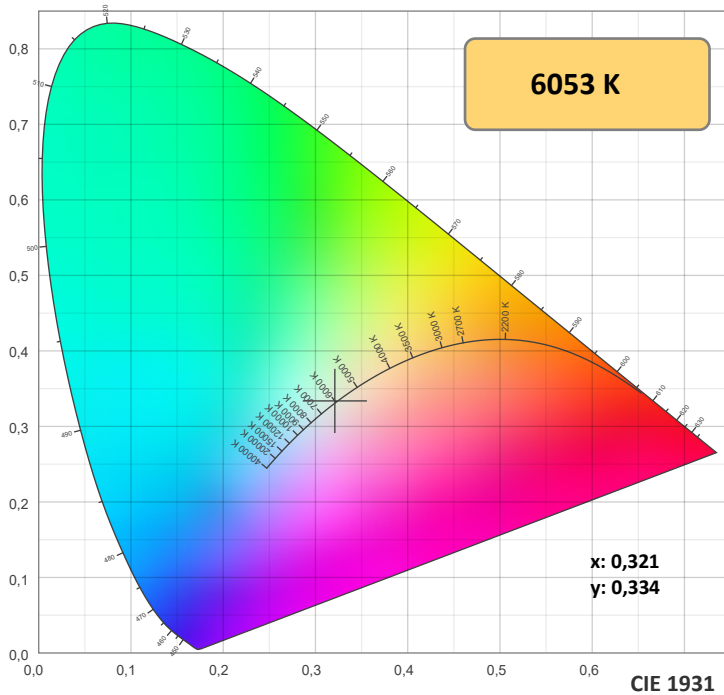
Beam angle 50%: 5,9°

Field angle 10%: 6,4°

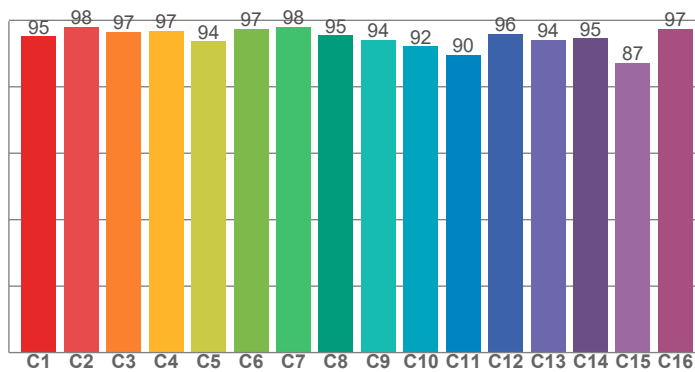
Cut off angle 2.5%: 6,7°

Spectra

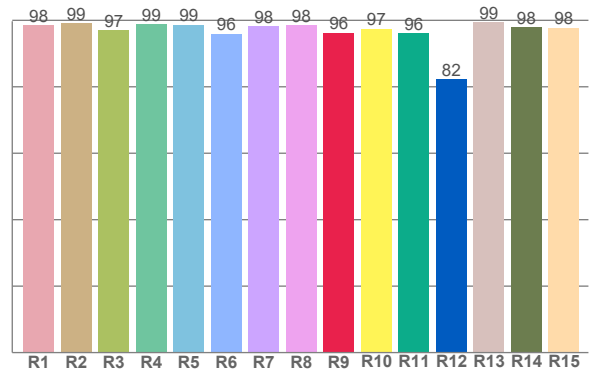




TM30: 94,6



CRI: 98,1 (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
98,4	99,1	97,1	98,9	98,7	96,0	98,3	98,5	96,3	97,5	96,1	82,3	99,4	98,0	97,8

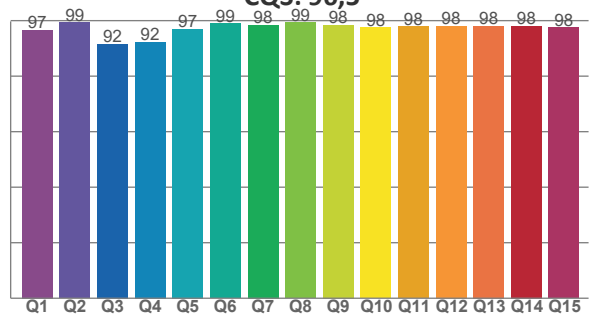
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,3	98,1	96,5	96,8	93,6	97,4	98,0	95,4	94,1	92,1	89,6	95,9	94,1	94,6	87,2	97,4

CQS Q values

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

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
6053 K	98,1	96,3	94,6	100,8	96,5	97	0,321	0,334	0,0016

TM30 DETAILS

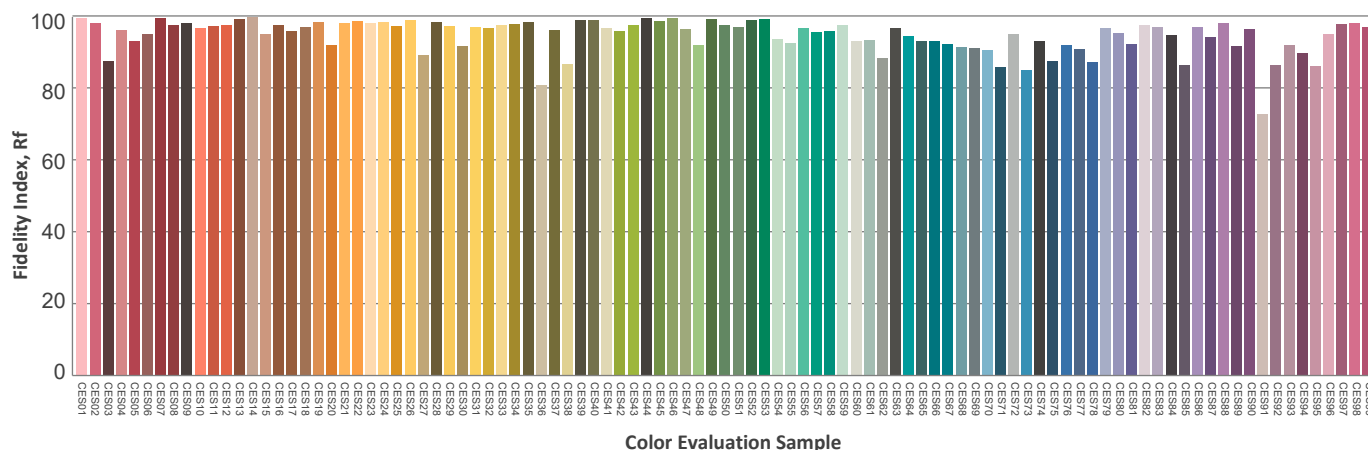
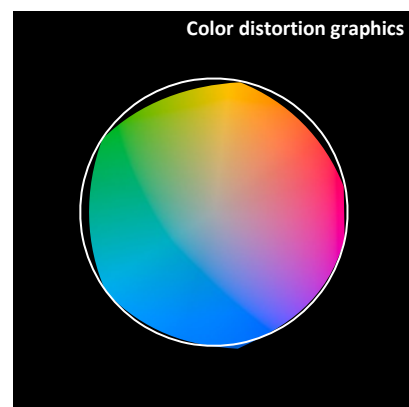
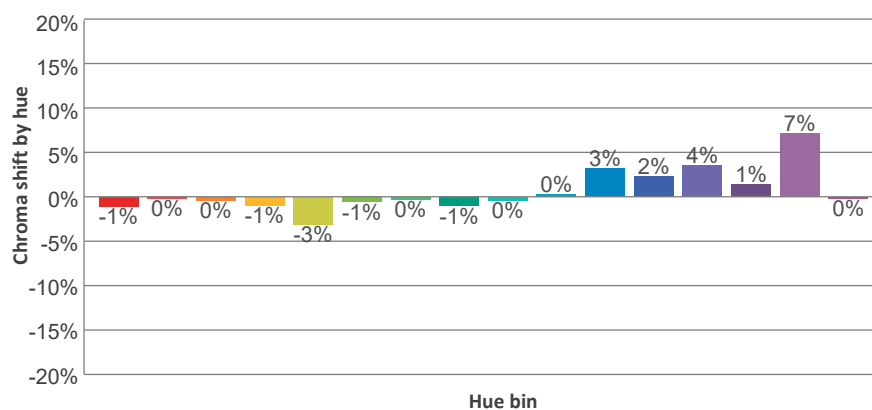
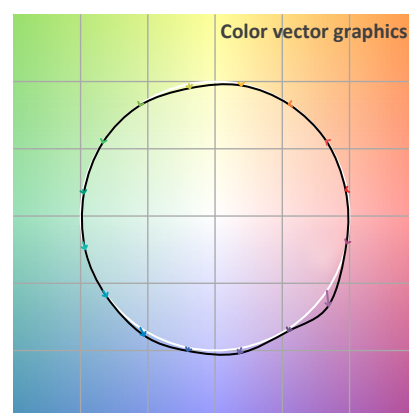
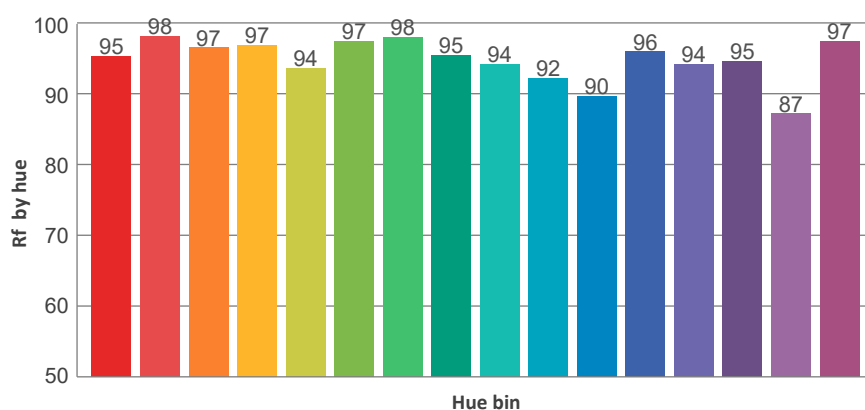
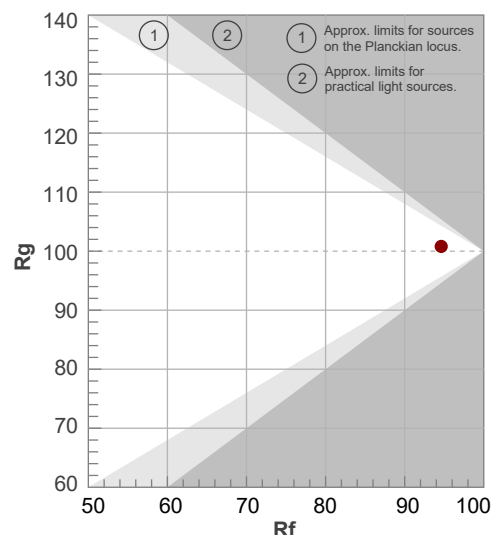
Rf 94,6

Fidelity index Rf

Rg 100,8

Gammut index Rg

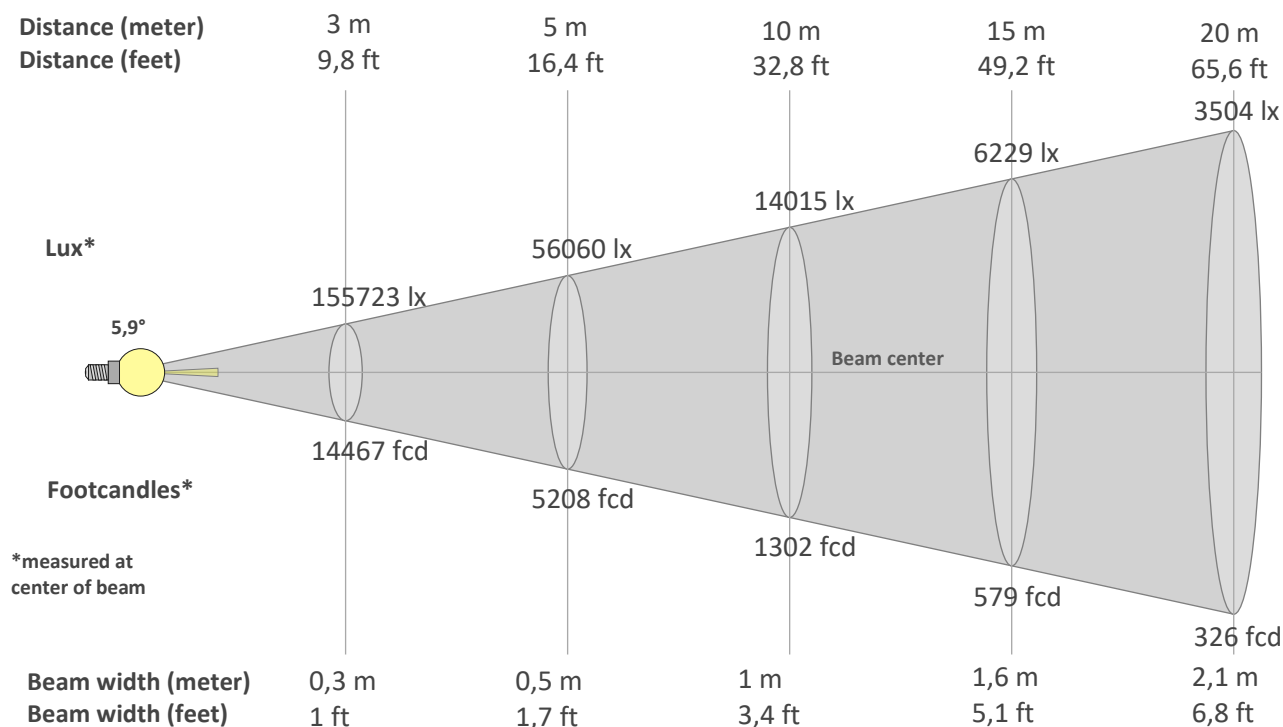
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	0%
2	98	0%	1%
3	97	0%	0%
4	97	-1%	0%
5	94	-3%	0%
6	97	-1%	1%
7	98	0%	1%
8	95	-1%	3%
9	94	0%	5%
10	92	0%	5%
11	90	3%	6%
12	96	2%	0%
13	94	4%	-2%
14	95	1%	-2%
15	87	7%	-8%
16	97	0%	-1%



BEAM DETAILS



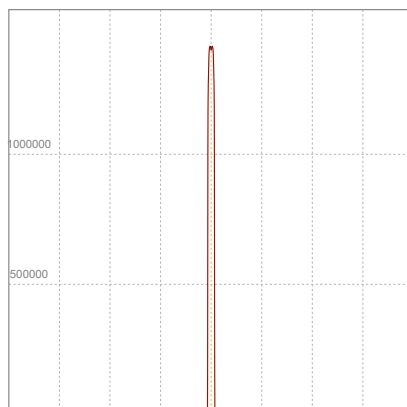
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	6,4°	6,7°	93,1%	90,2%



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	1401510lx	350377lx	155723lx	87594lx	56060lx	24916lx	14015lx	6229lx	3504lx	2242lx	1557lx	876lx	561lx
Footcand.	130205fcd	32551fcd	14467fcd	8138fcd	5208fcd	2315fcd	1302fcd	579fcd	326fcd	208fcd	145fcd	81fcd	52fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,6m	2,1m	2,6m	3,1m	4,2m	5,2m
Beam wid.	0,3ft	0,7ft	1ft	1,4ft	1,7ft	2,6ft	3,4ft	5,1ft	6,8ft	8,5ft	10,2ft	13,6ft	17ft

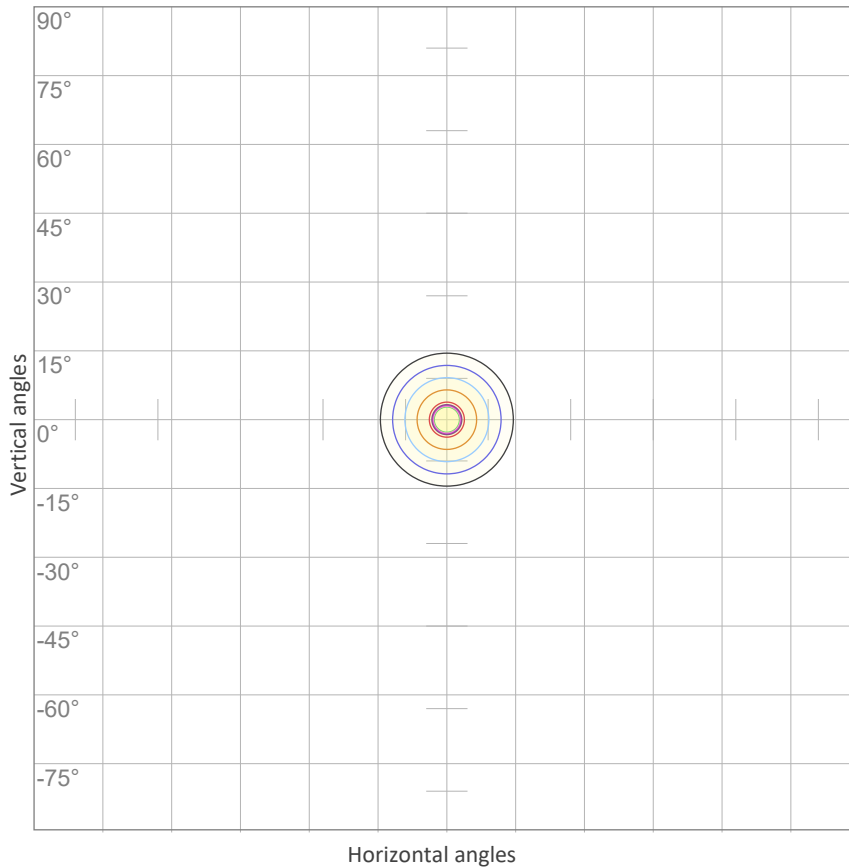
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
222V	5,32A	1165,7W	0,99	11lm/W

ISO CANDELA DIAGRAM



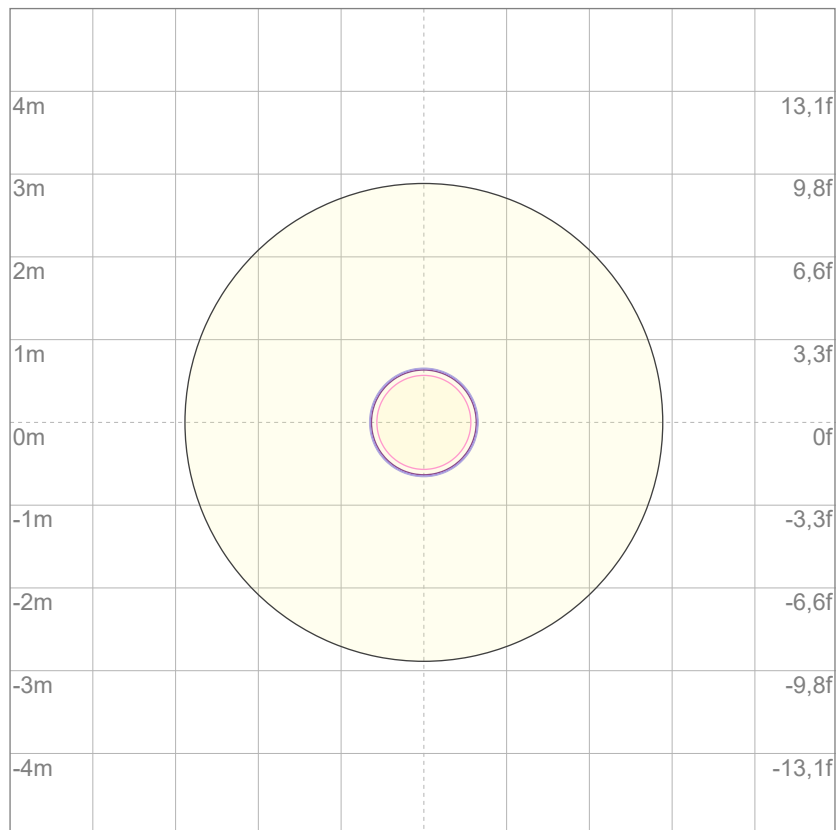
10%	140151 cd
20%	280302 cd
30%	420453 cd
40%	560604 cd
50%	700755 cd
60%	840906 cd
70%	981057 cd
80%	1121208 cd
90%	1261359 cd

Conditions:

Number of c-planes: 2

Candela at center: 1401510 cd

ISO LUX DIAGRAM



3%	420 lx
5%	701 lx
10%	1402 lx
30%	4205 lx
50%	7008 lx

Conditions:

Number of c-planes: 2

Lux at center: 14,0K lx

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