



Photometric Test Report



ArcPod 300FCLT

Exterior 2.5° narrow-beam Full Color wash light

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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:

18345 lm

Peak candela output:

1890578 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic

Target:

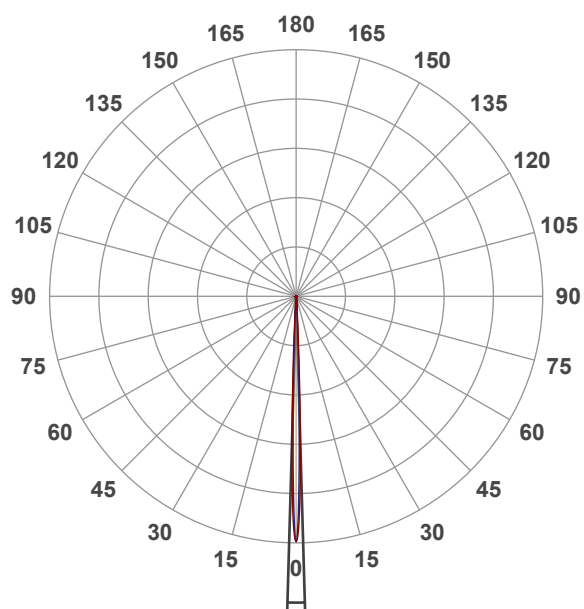
Full

Operator:

Salvatore Giglio

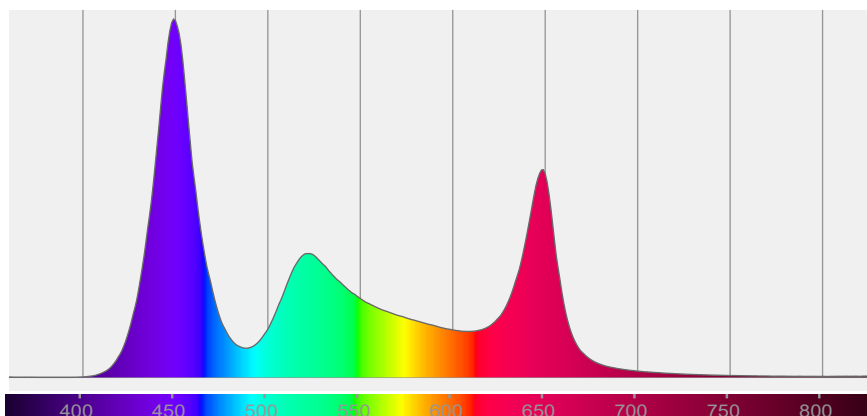
Date and time:

24/06/2025 16:02:16



	Blue curve V	Red curve H
Beam angle 50%:	2,5°	3,7°
Field angle 10%:	5,3°	6,6°
Cut off angle 2.5%:	7,2°	8,9°

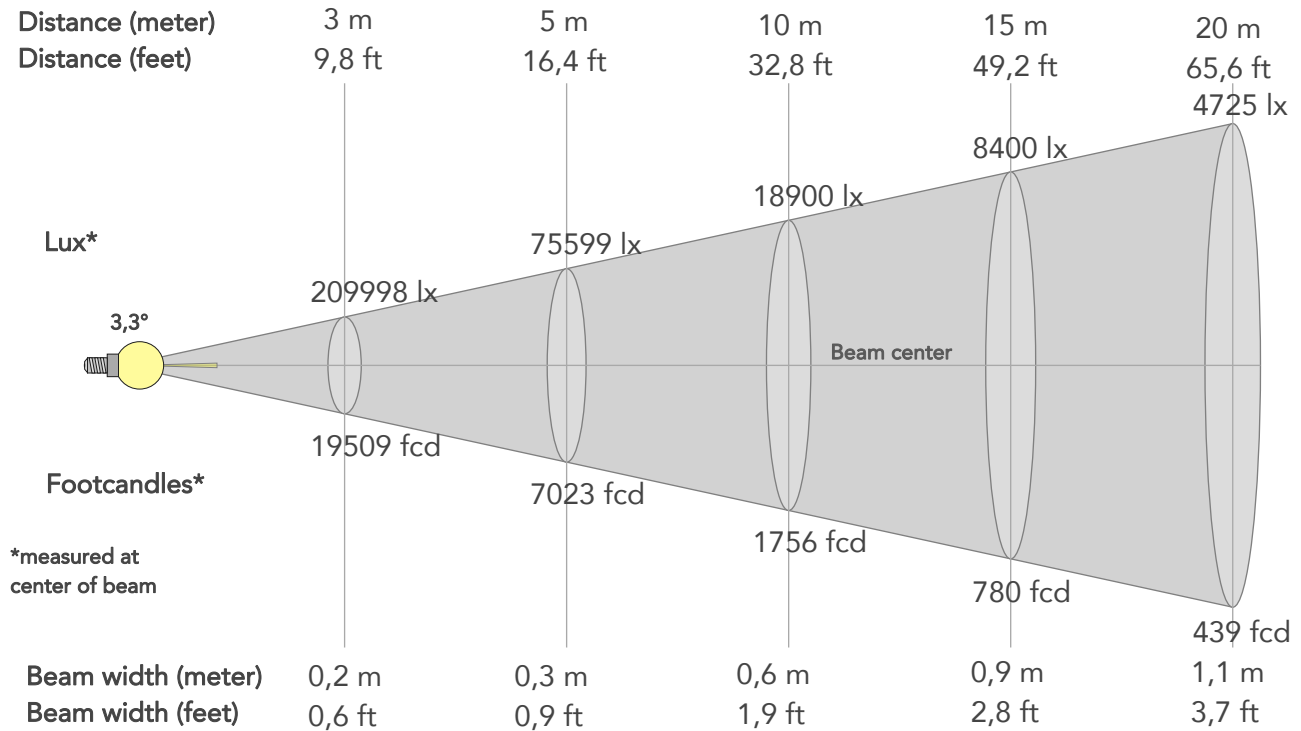
Spectra



BEAM DETAILS



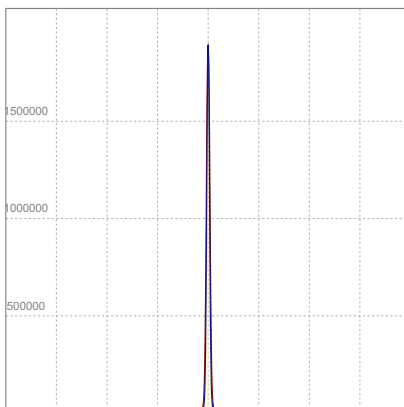
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3,3°	6°	8,1°	73,3%	63,1%



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	1889984lx	472496lx	209998lx	118124lx	75599lx	33600lx	18900lx	8400lx	4725lx	3024lx	2100lx	1181lx	756lx
Footcand.	175585fcd	43896fcd	19509fcd	10974fcd	7023fcd	3122fcd	1756fcd	780fcd	439fcd	281fcd	195fcd	110fcd	70fcd
Beam wid.	0,1m	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,9m	1,1m	1,4m	1,7m	2,3m	2,8m
Beam wid.	0,2ft	0,4ft	0,6ft	0,7ft	0,9ft	1,4ft	1,9ft	2,8ft	3,7ft	4,7ft	5,6ft	7,5ft	9,3ft

LINEAR DISTRIBUTION DIAGRAM

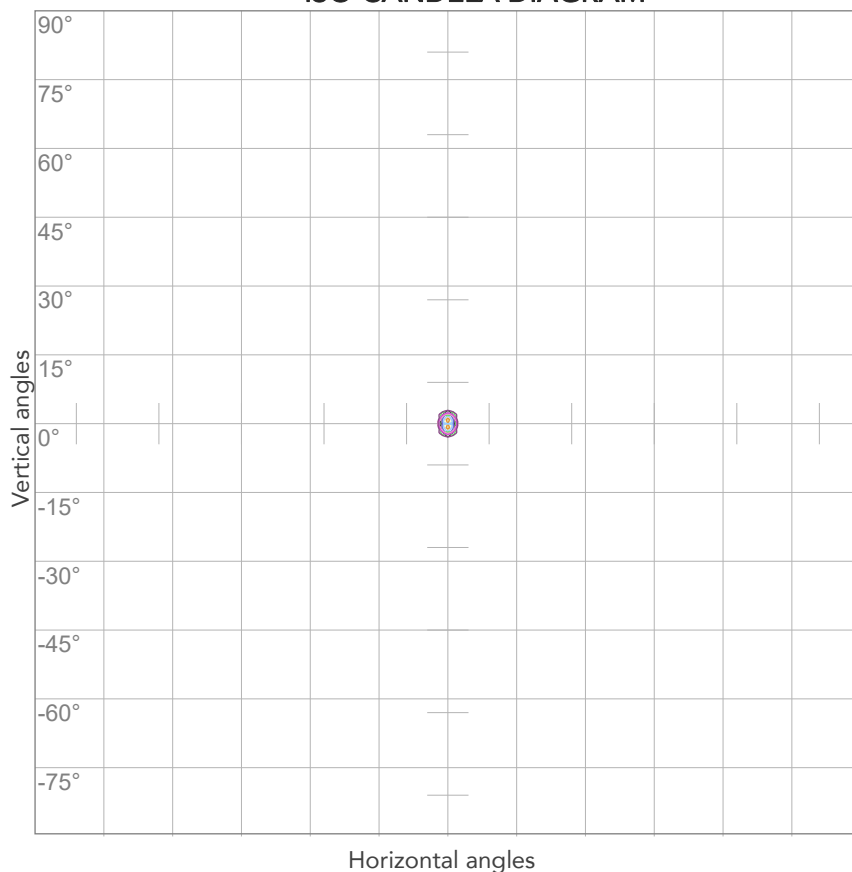


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	1,13A	250,5W	0,97	73lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



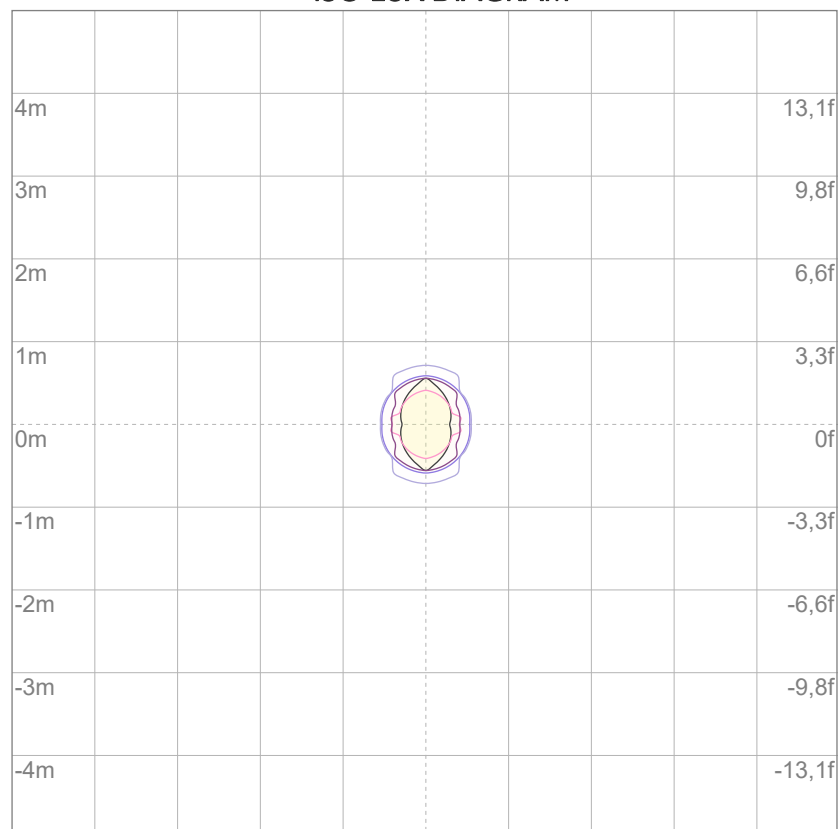
10%	188998 cd
20%	377997 cd
30%	566995 cd
40%	755994 cd
50%	944992 cd
60%	1133991 cd
70%	1322989 cd
80%	1511987 cd

Conditions:

Number of c-planes: 4

Candela at center: 1889984 cd

ISO LUX DIAGRAM



3%	567 lx
5%	945 lx
10%	1890 lx
30%	5670 lx
50%	9450 lx

Conditions:

Number of c-planes: 4

Lux at center: 18,9K lx

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



Total lumen output:

10573 lm

Peak candela output:

1082461 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 3 Deg Filter

Target:

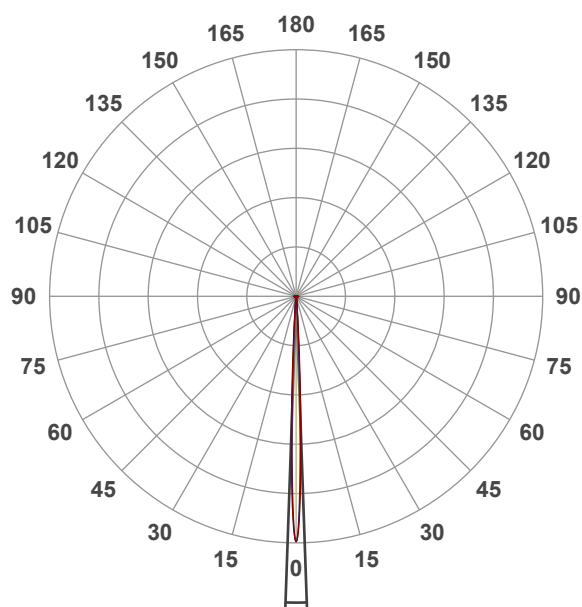
Full

Operator:

Salvatore Giglio

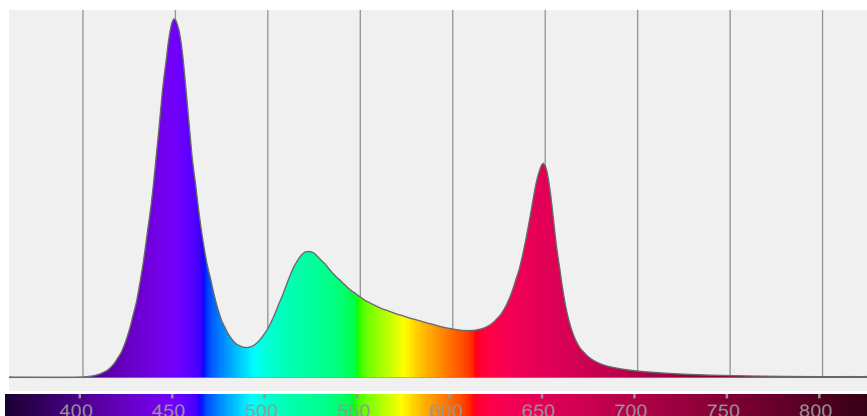
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24/06/2025 14:44:00



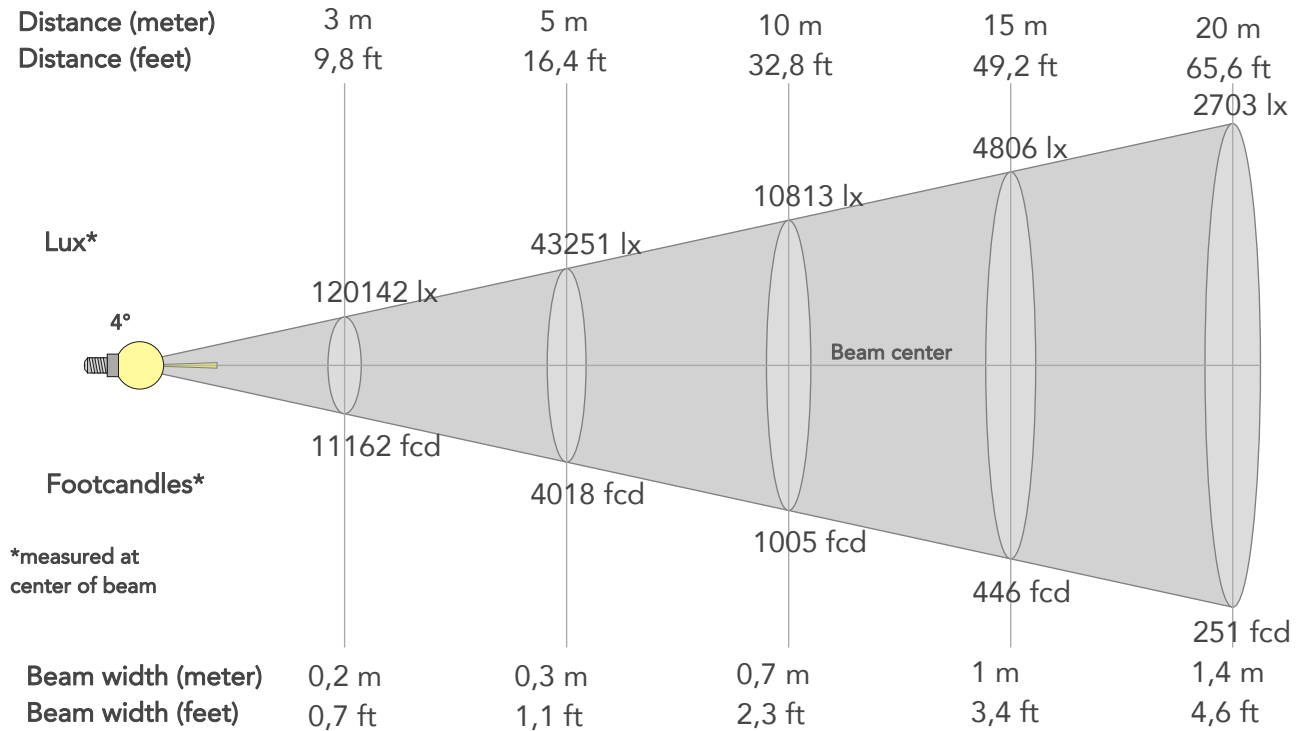
	Blue curve V	Red curve H
Beam angle 50%:	3,7°	4,3°
Field angle 10%:	7,1°	7,9°
Cut off angle 2.5%:	10,5°	10,7°

Spectra



BEAM DETAILS

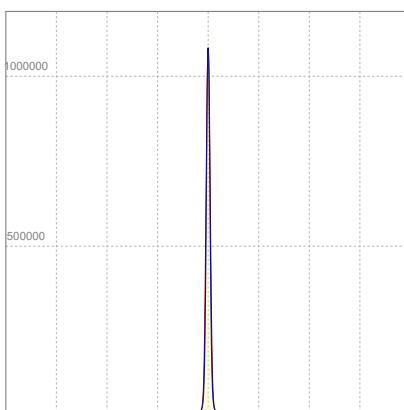
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4°	7,5°	10,6°	90,6%	85,2%



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	1081281lx	270320lx	120142lx	67580lx	43251lx	19223lx	10813lx	4806lx	2703lx	1730lx	1201lx	676lx	433lx
Footcand.	100454fcd	25114fcd	11162fcd	6278fcd	4018fcd	1786fcd	1005fcd	446fcd	251fcd	161fcd	112fcd	63fcd	40fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,3m	0,5m	0,7m	1m	1,4m	1,7m	2,1m	2,8m	3,5m
Beam wid.	0,2ft	0,5ft	0,7ft	0,9ft	1,1ft	1,7ft	2,3ft	3,4ft	4,6ft	5,7ft	6,8ft	9,1ft	11,4ft

LINEAR DISTRIBUTION DIAGRAM

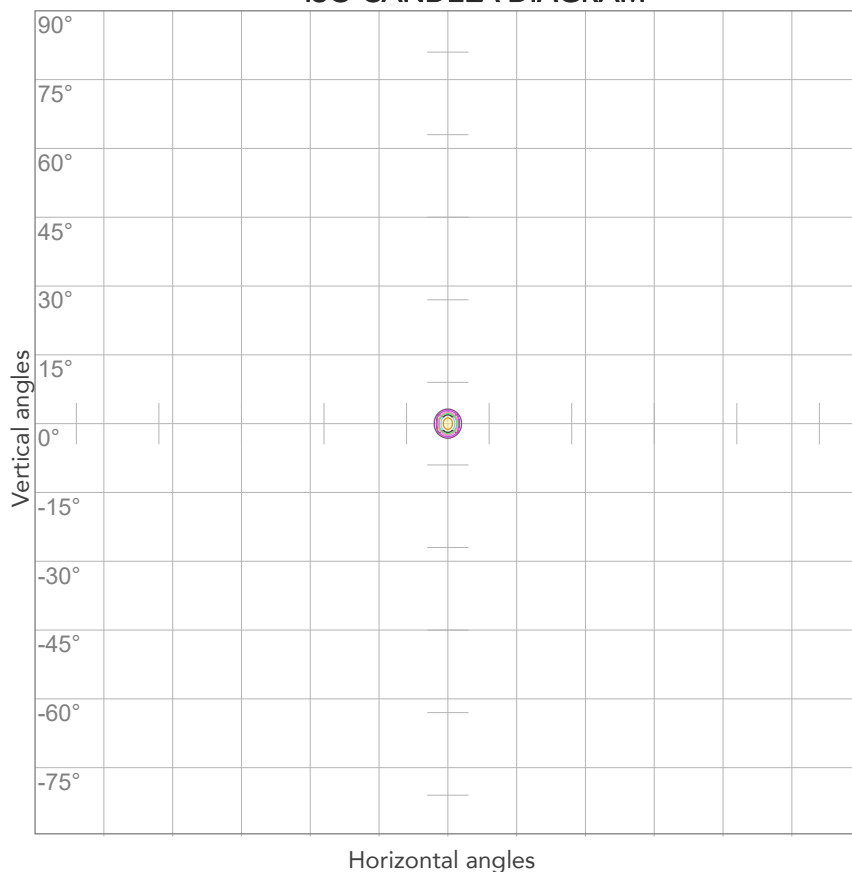


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
229V	1,11A	247,6W	0,97	43lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



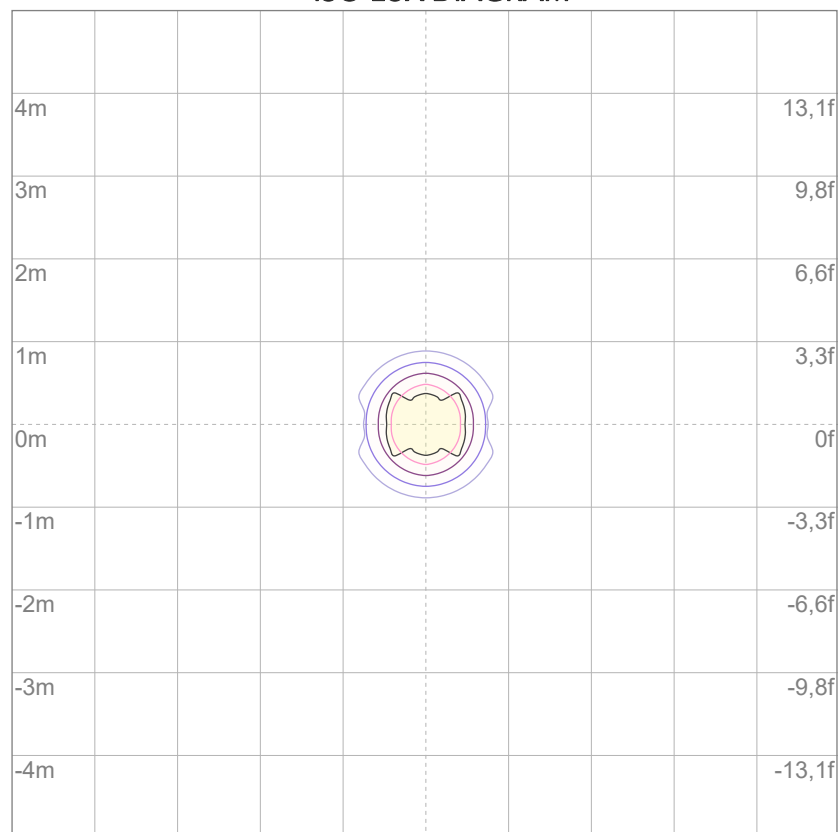
10%	108128 cd
20%	216256 cd
30%	324384 cd
40%	432512 cd
50%	540640 cd
60%	648769 cd
70%	756897 cd
80%	865025 cd

Conditions:

Number of c-planes: 4

Candela at center: 1081281 cd

ISO LUX DIAGRAM



3%	324 lx
5%	541 lx
10%	1081 lx
30%	3244 lx
50%	5406 lx

Conditions:

Number of c-planes: 4

Lux at center: 10,8K lx

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



Total lumen output:

8699 lm

Peak candela output:

349279 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 5 Deg Filter

Target:

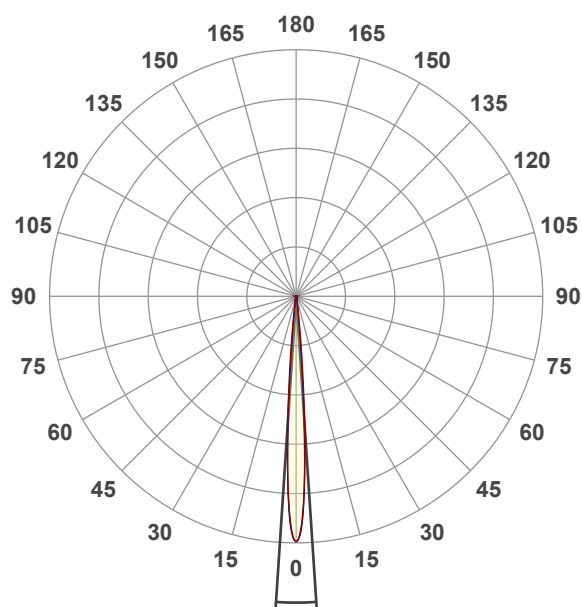
Full

Operator:

Salvatore Giglio

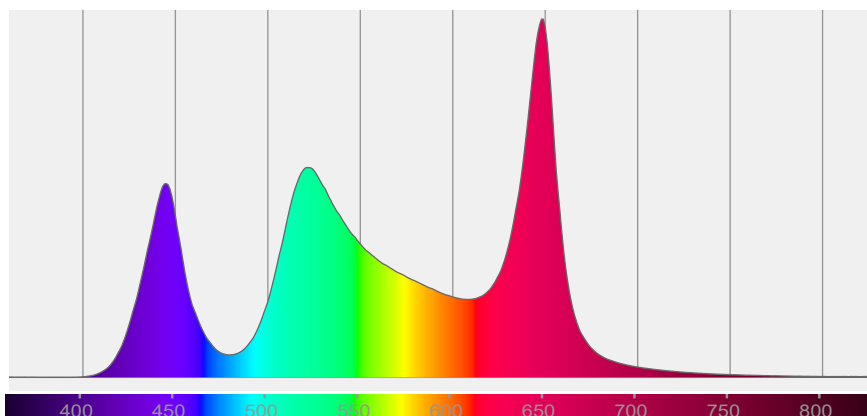
Date and time:

24/06/2025 17:58:53



	Blue curve V	Red curve H
Beam angle 50%:	7,3°	7,8°
Field angle 10%:	12°	13,8°
Cut off angle 2.5%:	16,8°	20,8°

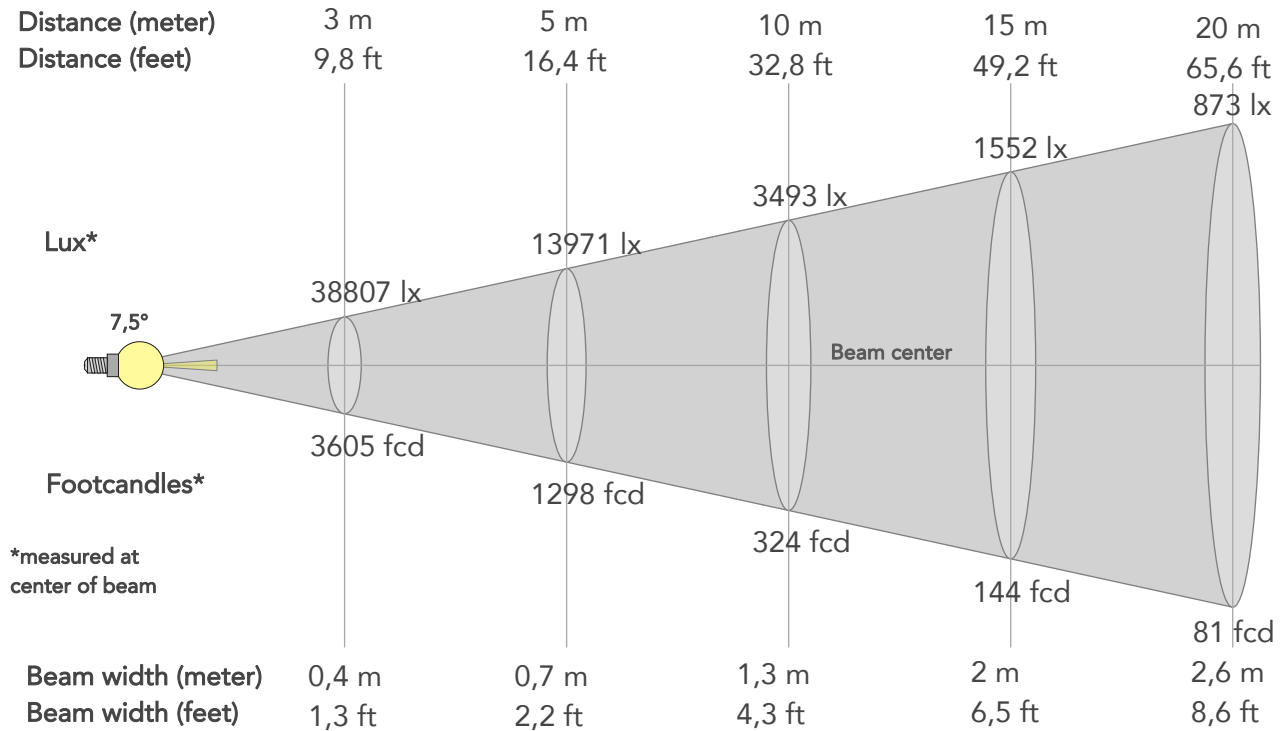
Spectra



BEAM DETAILS



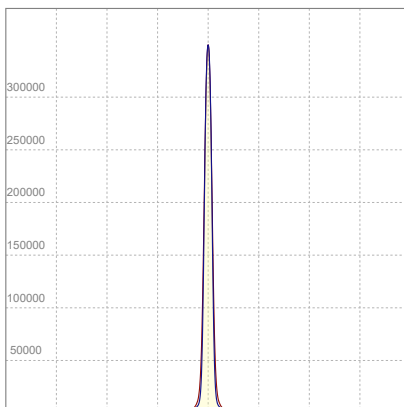
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
7,5°	12,9°	18,8°	97,5%	94,9%



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	349267lx	87317lx	38807lx	21829lx	13971lx	6209lx	3493lx	1552lx	873lx	559lx	388lx	218lx	140lx
Footcand.	32448fcd	8112fcd	3605fcd	2028fcd	1298fcd	577fcd	324fcd	144fcd	81fcd	52fcd	36fcd	20fcd	13fcd
Beam wid.	0,1m	0,3m	0,4m	0,5m	0,7m	1m	1,3m	2m	2,6m	3,3m	4m	5,3m	6,6m
Beam wid.	0,4ft	0,9ft	1,3ft	1,7ft	2,2ft	3,2ft	4,3ft	6,5ft	8,6ft	10,8ft	13ft	17,3ft	21,6ft

LINEAR DISTRIBUTION DIAGRAM

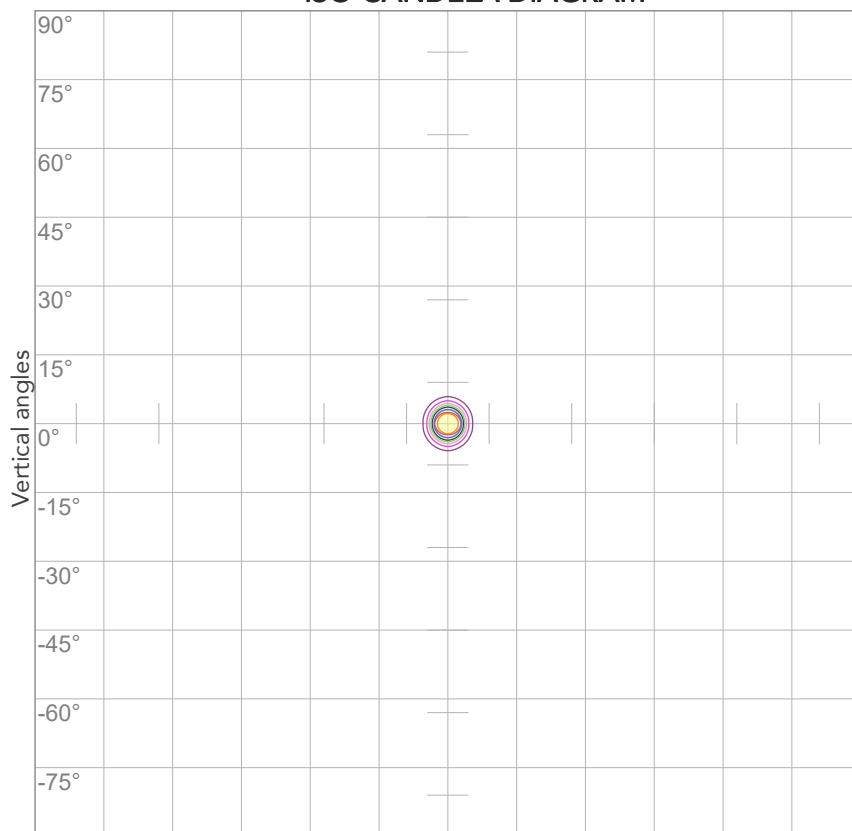


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,925A	202,2W	0,96	43lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



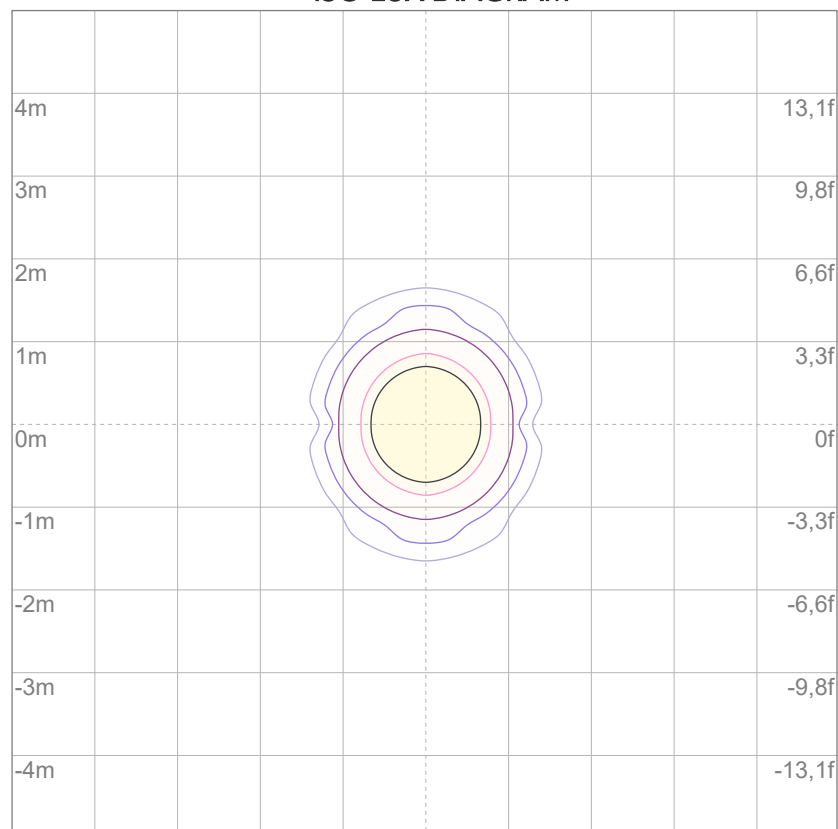
10%	34927 cd
20%	69853 cd
30%	104780 cd
40%	139707 cd
50%	174633 cd
60%	209560 cd
70%	244487 cd
80%	279413 cd

Conditions:

Number of c-planes: 4

Candela at center: 349267 cd

ISO LUX DIAGRAM



3%	105 lx
5%	175 lx
10%	349 lx
30%	1048 lx
50%	1746 lx

Conditions:

Number of c-planes: 4

Lux at center: 3493 lx

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



Total lumen output:

8776 lm

Peak candela output:

309324 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 8 Deg Filter

Target:

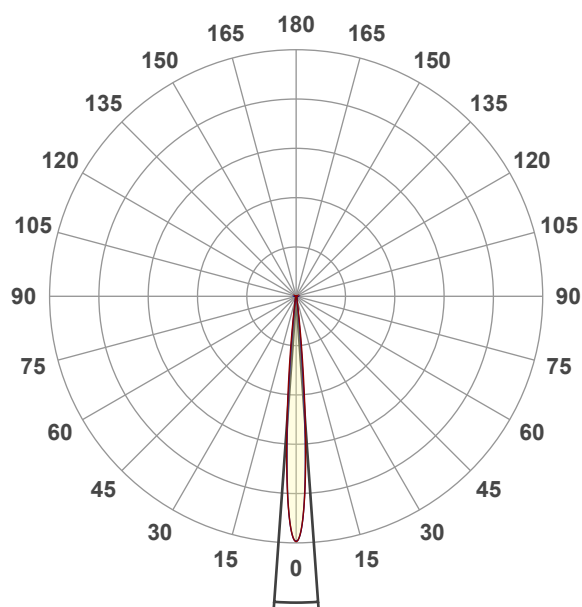
Full

Operator:

Salvatore Giglio

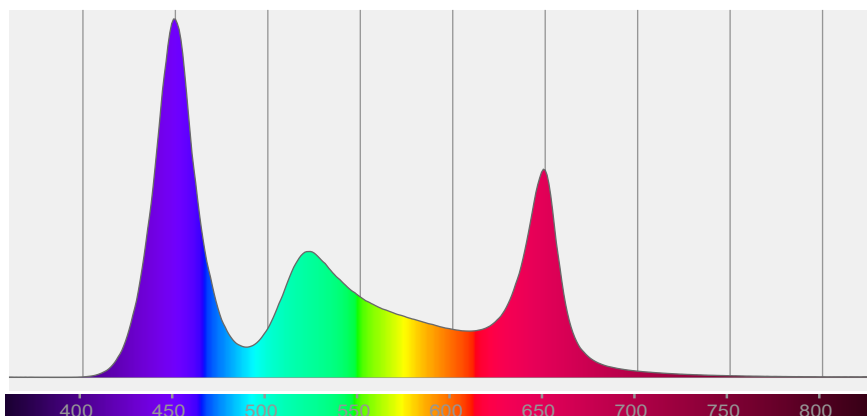
Date and time:

24/06/2025 18:26:04



	Blue curve V	Red curve H
Beam angle 50%:	8°	8,5°
Field angle 10%:	13,1°	14,7°
Cut off angle 2.5%:	18,1°	21,2°

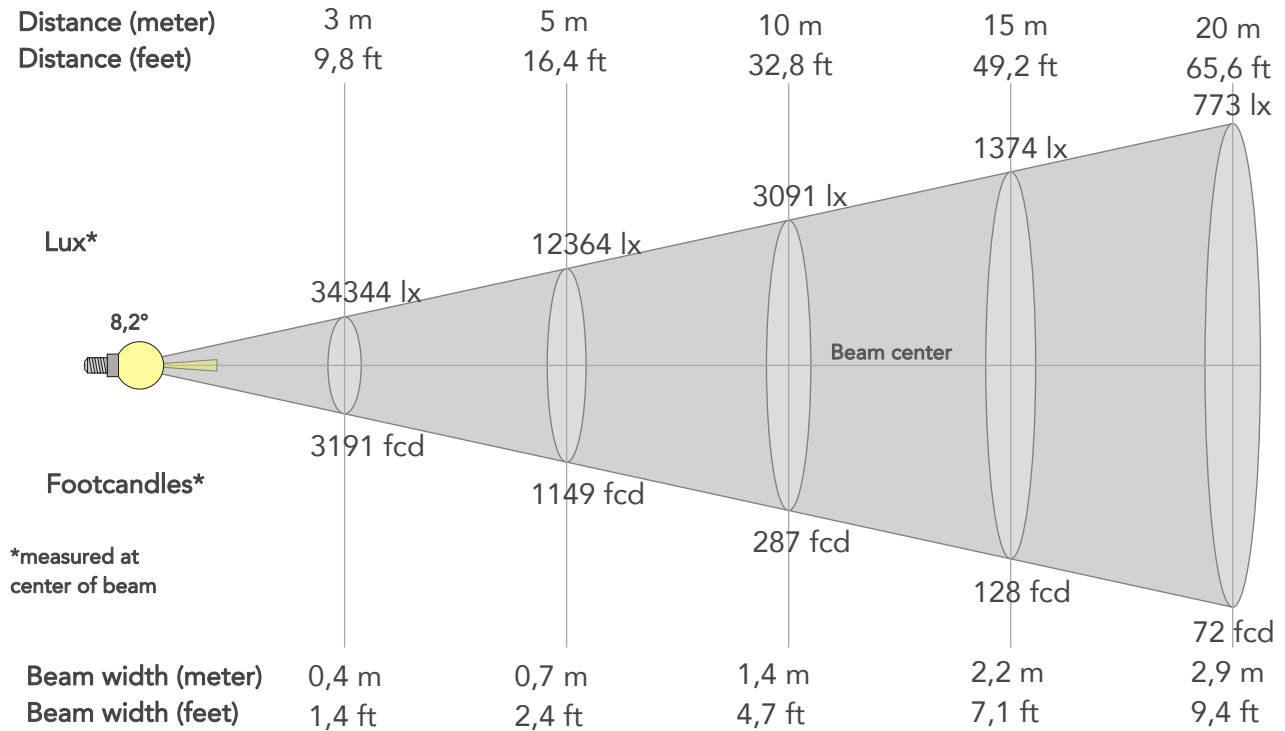
Spectra



BEAM DETAILS



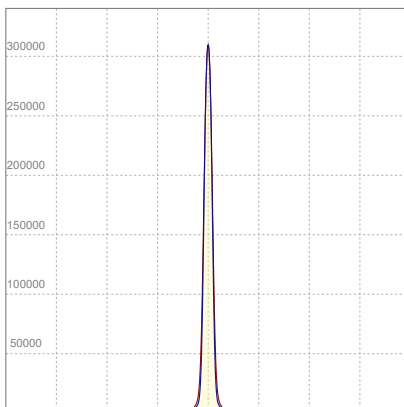
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
8,2°	13,9°	19,6°	97,8%	95,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	309092lx	77273lx	34344lx	19318lx	12364lx	5495lx	3091lx	1374lx	773lx	495lx	343lx	193lx	124lx
Footcand.	28716fcd	7179fcd	3191fcd	1795fcd	1149fcd	510fcd	287fcd	128fcd	72fcd	46fcd	32fcd	18fcd	11fcd
Beam wid.	0,1m	0,3m	0,4m	0,6m	0,7m	1,1m	1,4m	2,2m	2,9m	3,6m	4,3m	5,7m	7,2m
Beam wid.	0,5ft	0,9ft	1,4ft	1,9ft	2,4ft	3,5ft	4,7ft	7,1ft	9,4ft	11,8ft	14,1ft	18,8ft	23,5ft

LINEAR DISTRIBUTION DIAGRAM

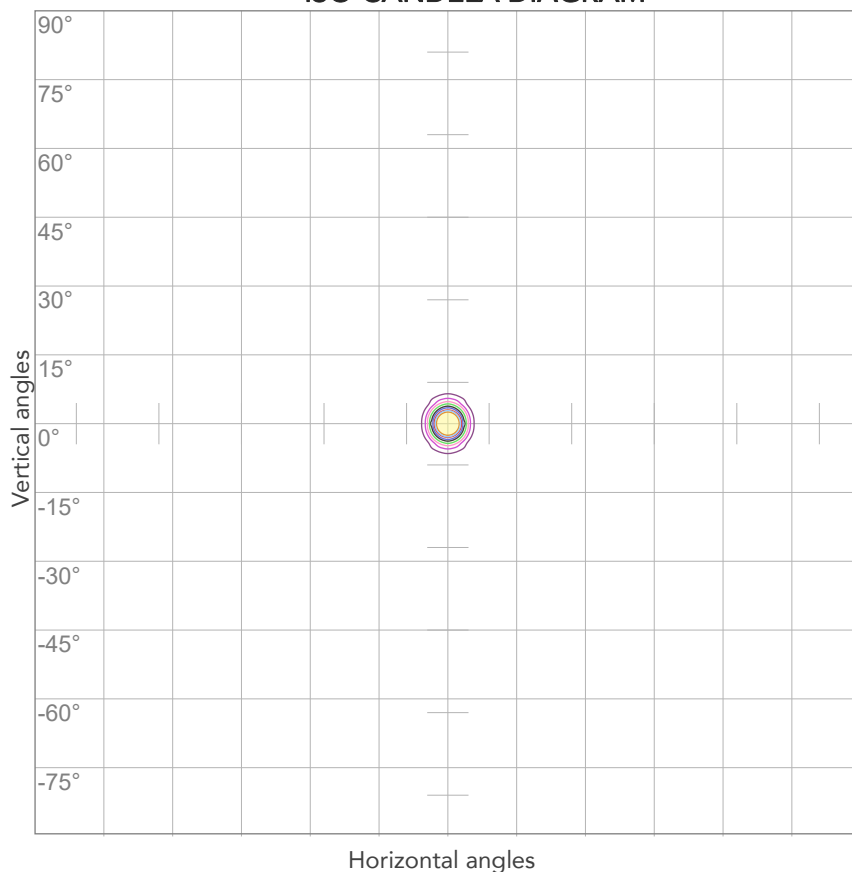


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	1,11A	245,8W	0,97	36lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



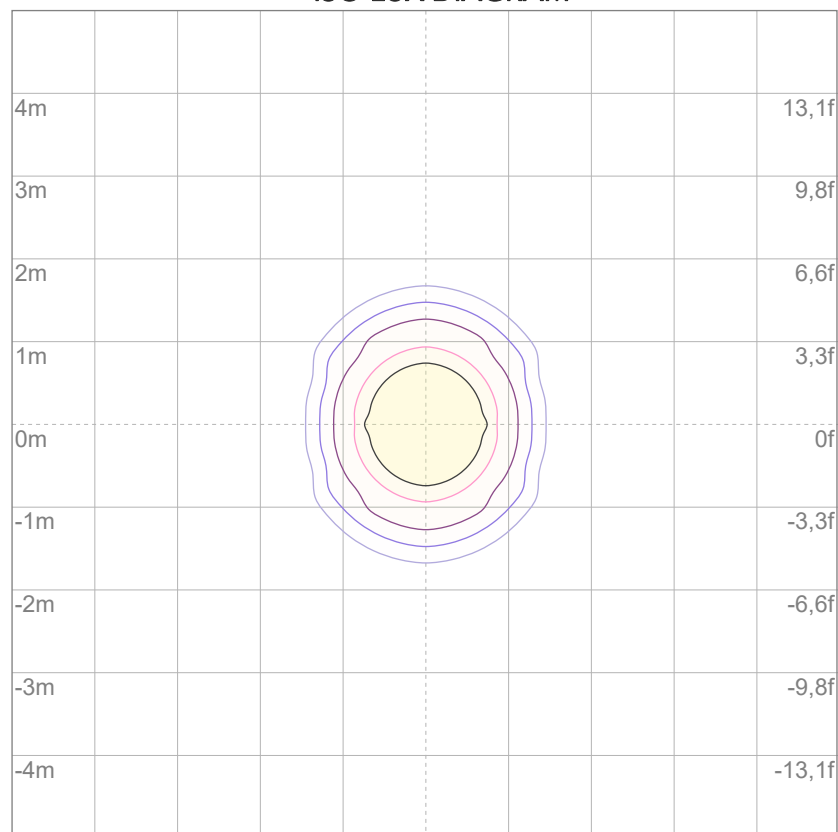
10%	30909 cd
20%	61818 cd
30%	92728 cd
40%	123637 cd
50%	154546 cd
60%	185455 cd
70%	216365 cd
80%	247274 cd

Conditions:

Number of c-planes: 4

Candela at center: 309092 cd

ISO LUX DIAGRAM



3%	92,7 lx
5%	155 lx
10%	309 lx
30%	927 lx
50%	1545 lx

Conditions:

Number of c-planes: 4

Lux at center: 3091 lx

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



Total lumen output:

4298 lm

Peak candela output:

189681 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic

Target:

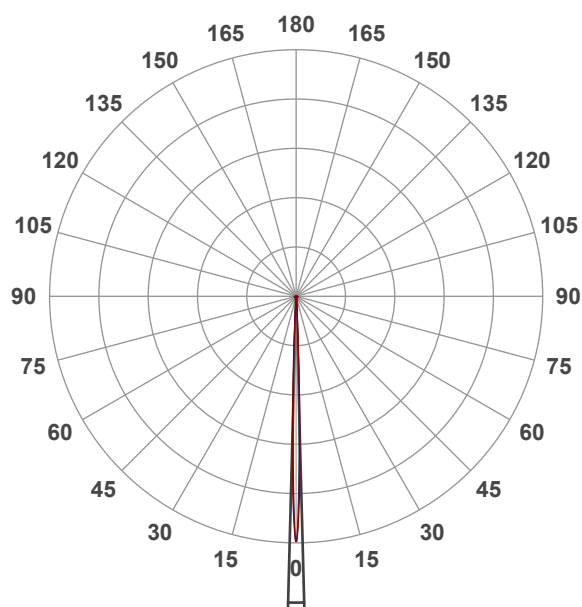
Red

Operator:

Salvatore Giglio

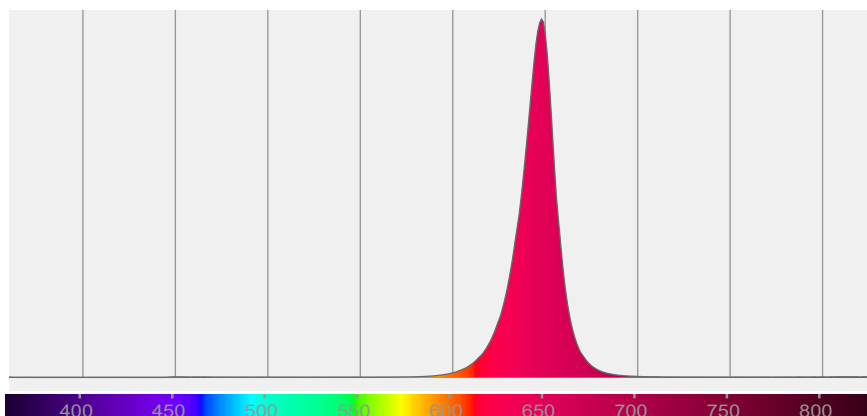
Date and time:

24/06/2025 16:29:28



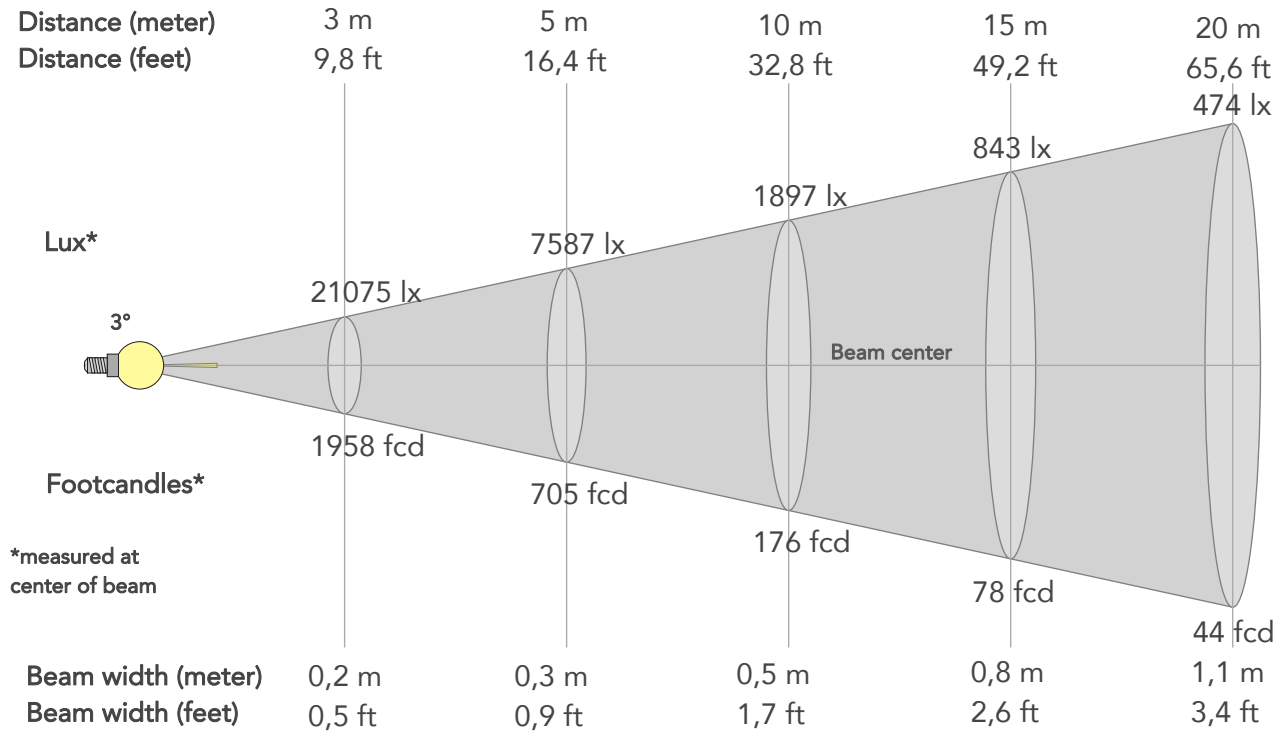
	Blue curve V	Red curve H
Beam angle 50%:	2,5°	3,3°
Field angle 10%:	5,3°	5,9°
Cut off angle 2.5%:	7,3°	7,9°

Spectra



BEAM DETAILS

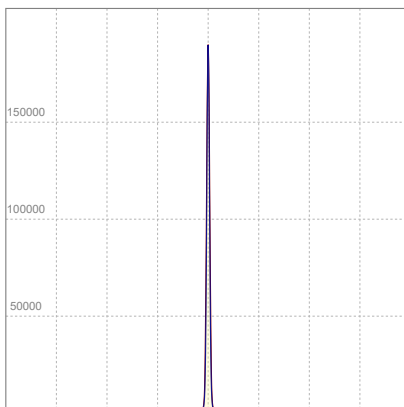
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3°	5,6°	7,6°	59,3%	42,1%



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	189671lx	47418lx	21075lx	11854lx	7587lx	3372lx	1897lx	843lx	474lx	303lx	211lx	119lx	76lx
Footcand.	17621fcd	4405fcd	1958fcd	1101fcd	705fcd	313fcd	176fcd	78fcd	44fcd	28fcd	20fcd	11fcd	7fcd
Beam wid.	0,1m	0,1m	0,2m	0,2m	0,3m	0,4m	0,5m	0,8m	1,1m	1,3m	1,6m	2,1m	2,6m
Beam wid.	0,2ft	0,3ft	0,5ft	0,7ft	0,9ft	1,3ft	1,7ft	2,6ft	3,4ft	4,3ft	5,2ft	6,9ft	8,6ft

LINEAR DISTRIBUTION DIAGRAM

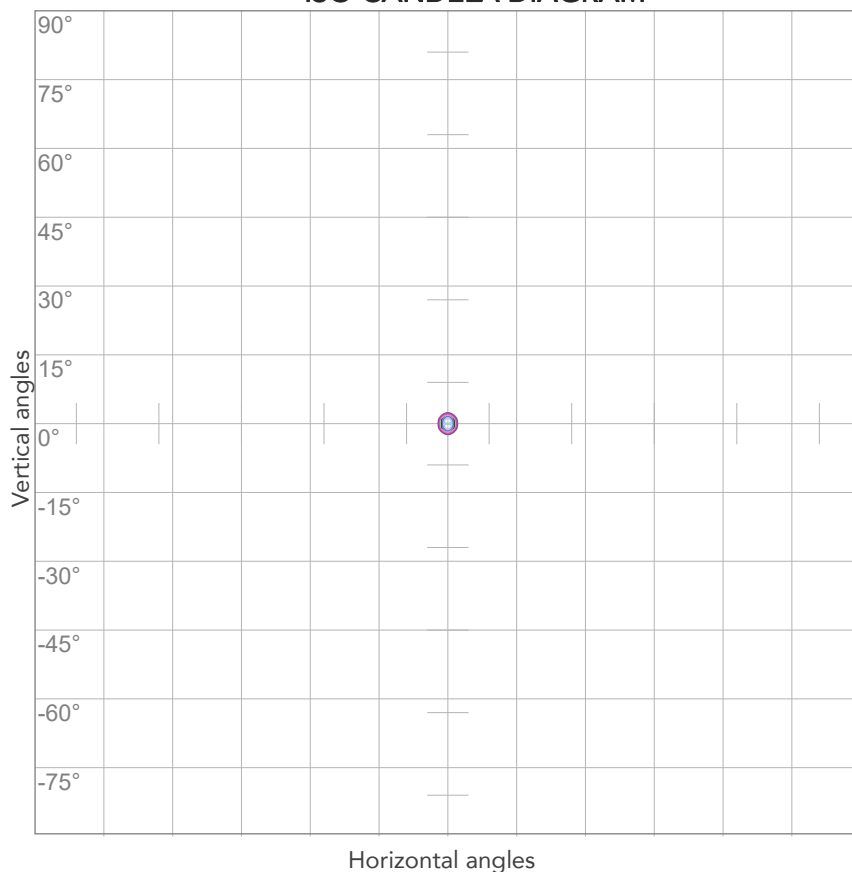


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,286A	43,7W	0,67	98lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



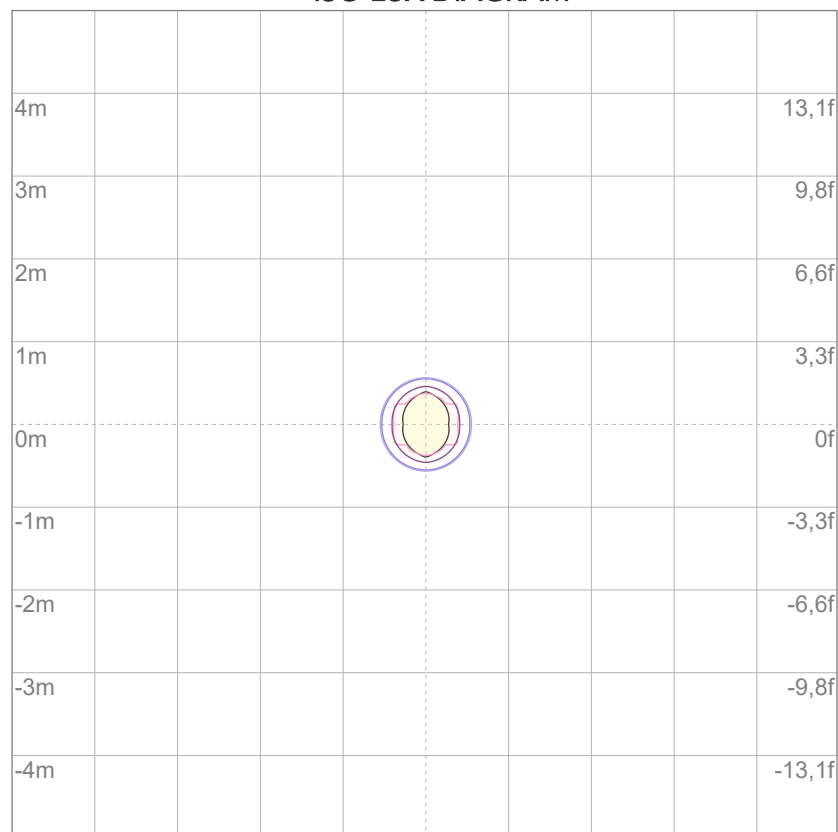
10%	18967 cd
20%	37934 cd
30%	56901 cd
40%	75868 cd
50%	94836 cd
60%	113803 cd
70%	132770 cd
80%	151737 cd

Conditions:

Number of c-planes: 4

Candela at center: 189671 cd

ISO LUX DIAGRAM



3%	56,9 lx
5%	94,8 lx
10%	190 lx
30%	569 lx
50%	948 lx

Conditions:

Number of c-planes: 4

Lux at center: 1897 lx

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



Total lumen output:

2130 lm

Peak candela output:

99639 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 3 Deg Filter

Target:

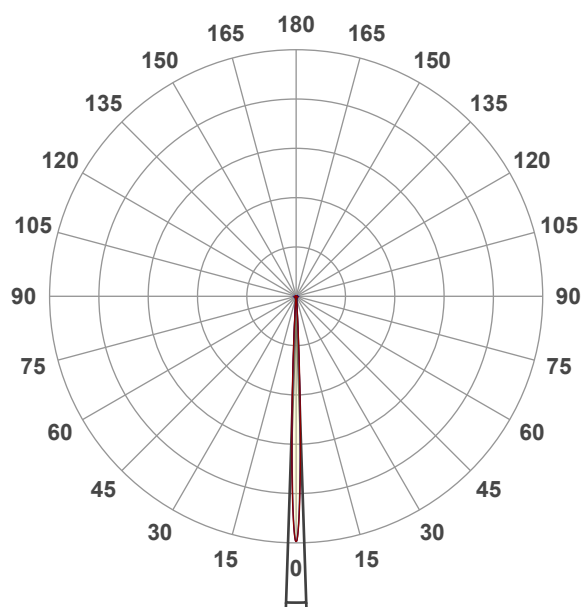
Red

Operator:

Salvatore Giglio

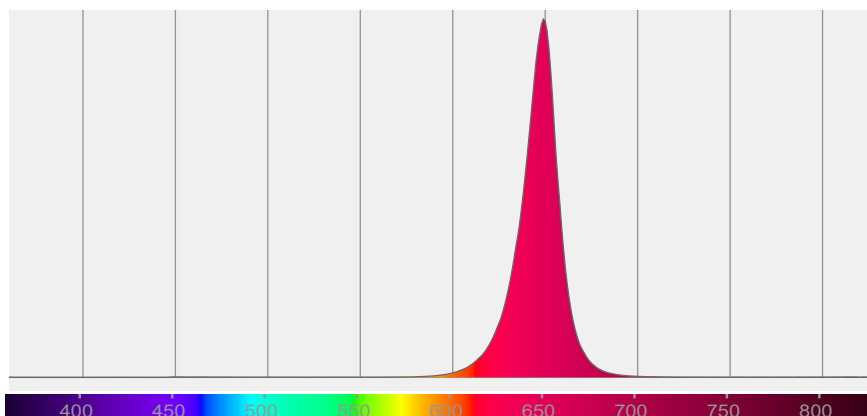
Date and time:

24/06/2025 14:49:52



	Blue curve V	Red curve H
Beam angle 50%:	3,6°	3,9°
Field angle 10%:	7°	7,2°
Cut off angle 2.5%:	10,3°	9,9°

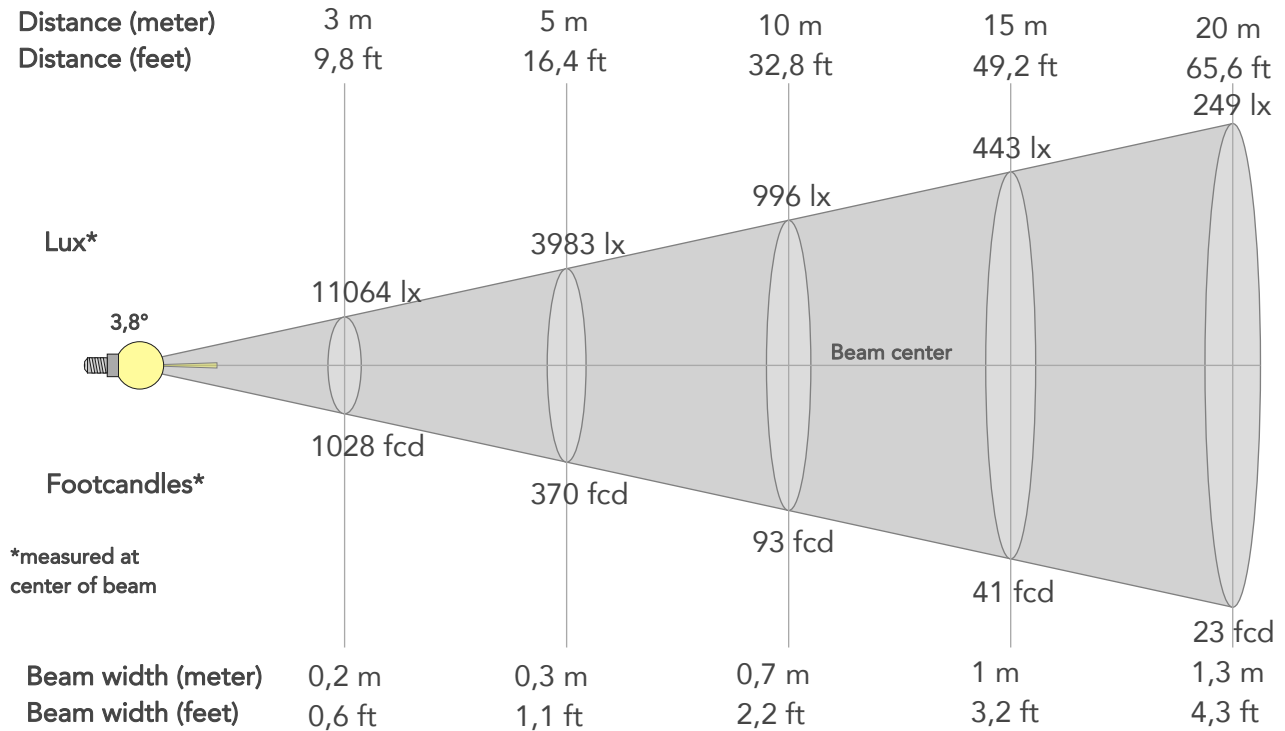
Spectra



BEAM DETAILS



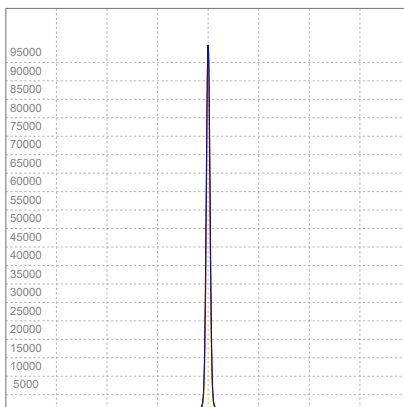
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3,8°	7,1°	10,1°	66,4%	51,9%



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	99572lx	24893lx	11064lx	6223lx	3983lx	1770lx	996lx	443lx	249lx	159lx	111lx	62lx	40lx
Footcand.	9251fcd	2313fcd	1028fcd	578fcd	370fcd	164fcd	93fcd	41fcd	23fcd	15fcd	10fcd	6fcd	4fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,3m	0,5m	0,7m	1m	1,3m	1,6m	2m	2,6m	3,3m
Beam wid.	0,2ft	0,4ft	0,6ft	0,9ft	1,1ft	1,6ft	2,2ft	3,2ft	4,3ft	5,4ft	6,5ft	8,6ft	10,8ft

LINEAR DISTRIBUTION DIAGRAM

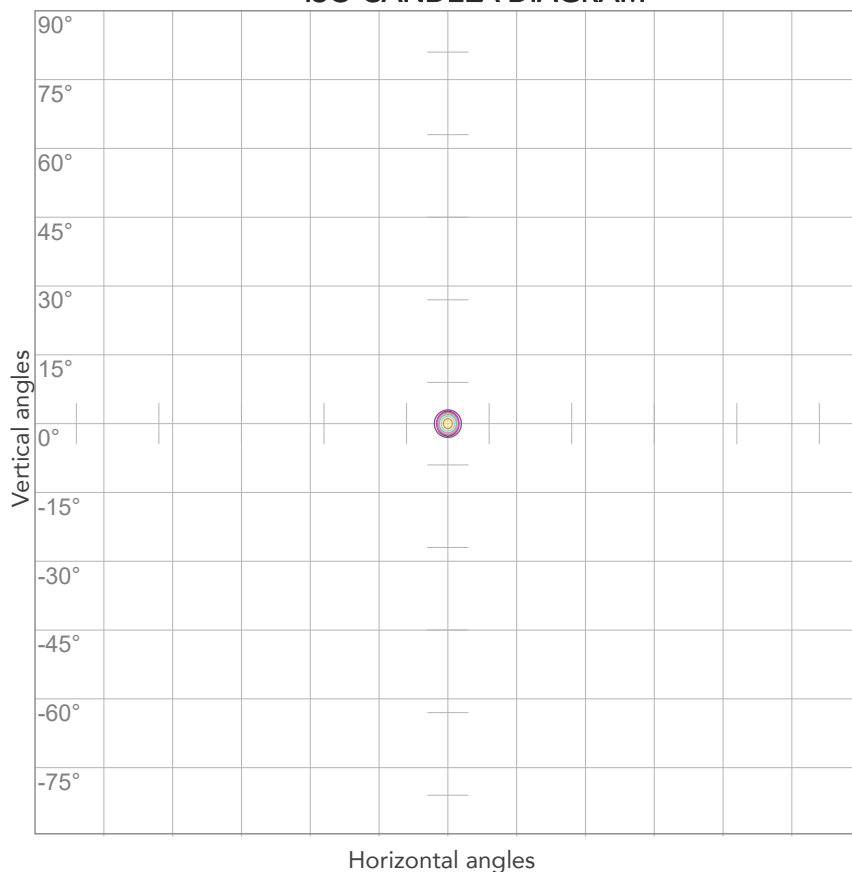


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
230V	0,282A	42,5W	0,66	50lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



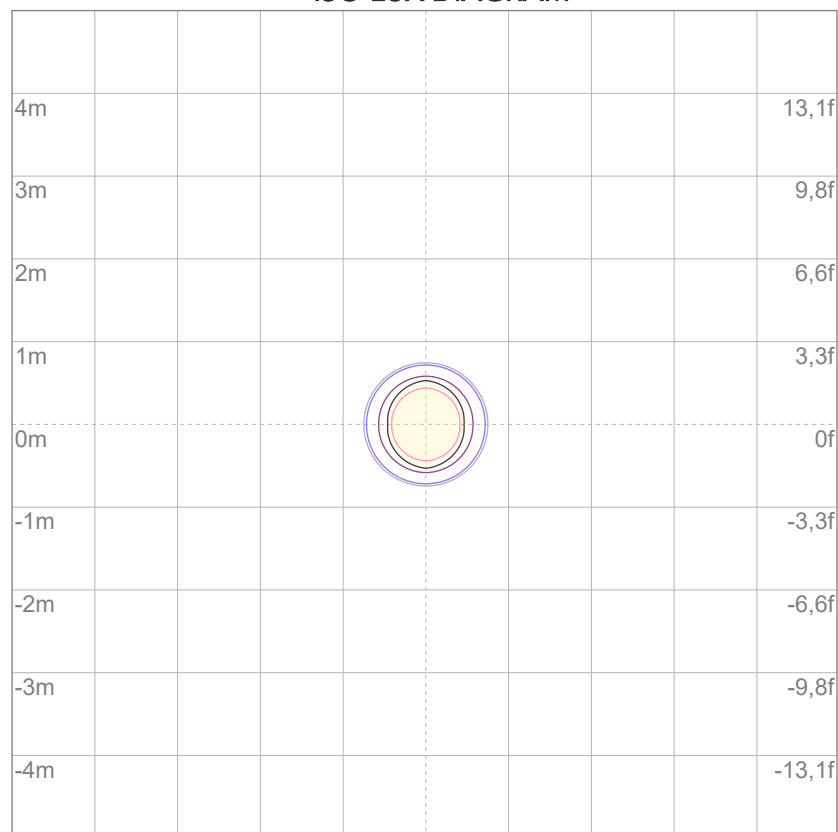
10%	9957 cd
20%	19914 cd
30%	29872 cd
40%	39829 cd
50%	49786 cd
60%	59743 cd
70%	69700 cd
80%	79658 cd

Conditions:

Number of c-planes: 4

Candela at center: 99572 cd

ISO LUX DIAGRAM



3%	29,9 lx
5%	49,8 lx
10%	99,6 lx
30%	299 lx
50%	498 lx

Conditions:

Number of c-planes: 4

Lux at center: 996 lx

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



Total lumen output:

932 lm

Peak candela output:

33071 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 5 Deg Filter

Target:

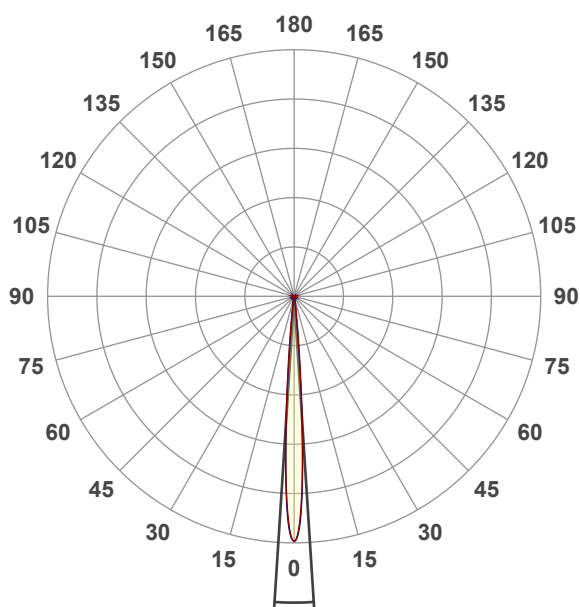
Red

Operator:

Salvatore Giglio

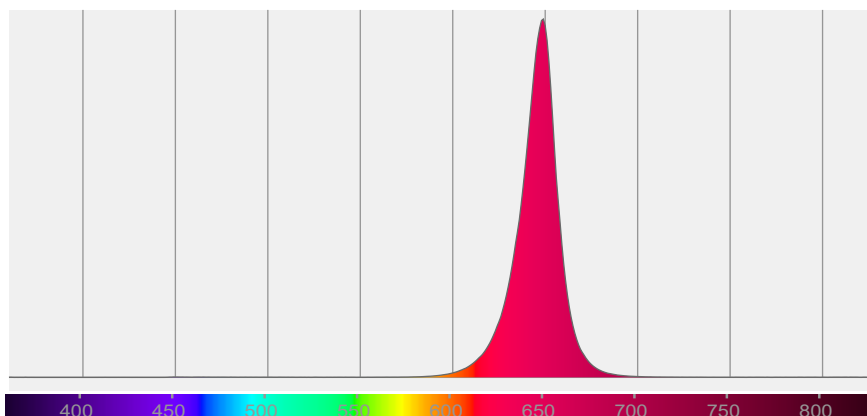
Date and time:

24/06/2025 18:04:40



	Blue curve V	Red curve H
Beam angle 50%:	7,2°	7,5°
Field angle 10%:	11,8°	13°
Cut off angle 2.5%:	16,2°	19,9°

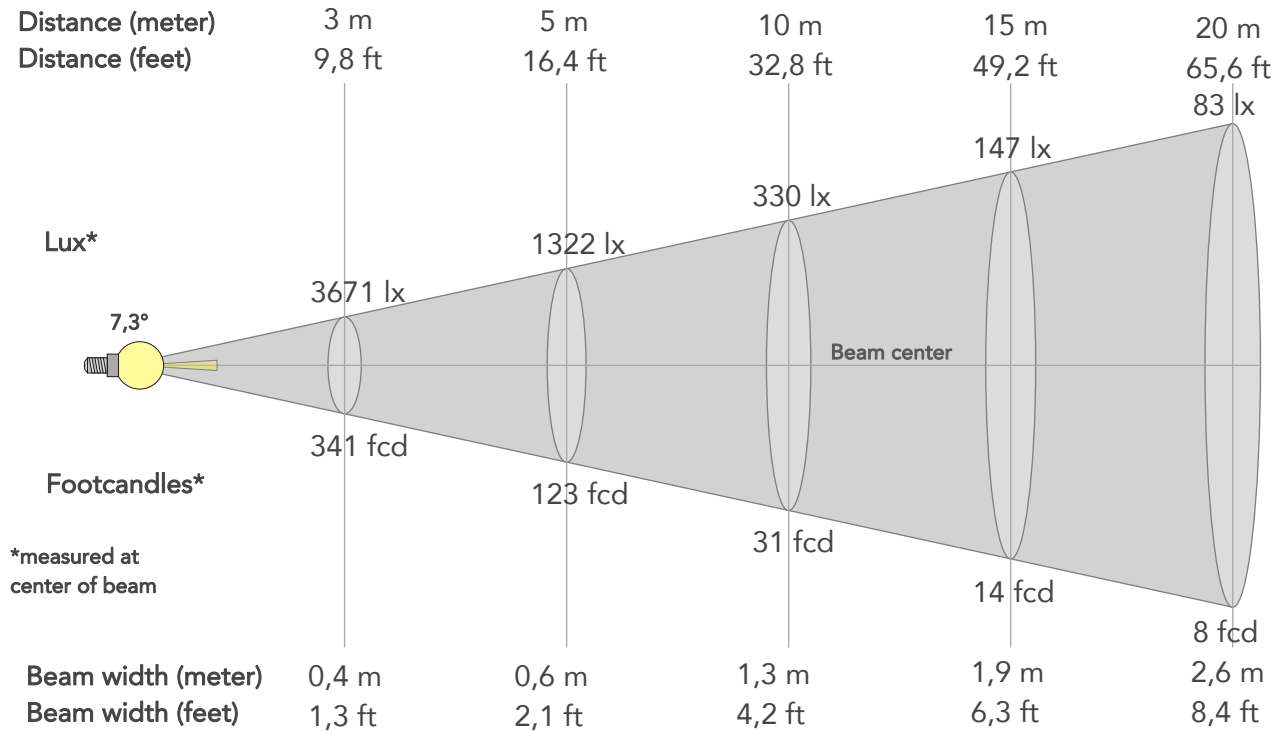
Spectra



BEAM DETAILS



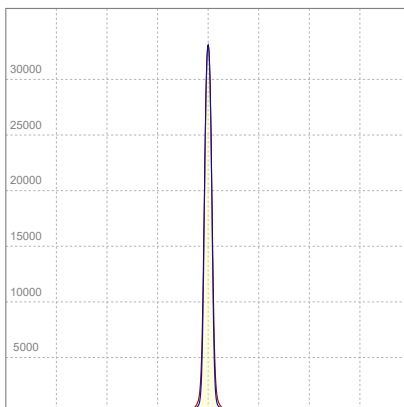
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
7,3°	12,4°	18°	88,0%	82,8%



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	33038lx	8260lx	3671lx	2065lx	1322lx	587lx	330lx	147lx	83lx	53lx	37lx	21lx	13lx
Footcand.	3069fcd	767fcd	341fcd	192fcd	123fcd	55fcd	31fcd	14fcd	8fcd	5fcd	3fcd	2fcd	1fcd
Beam wid.	0,1m	0,3m	0,4m	0,5m	0,6m	1m	1,3m	1,9m	2,6m	3,2m	3,8m	5,1m	6,4m
Beam wid.	0,4ft	0,8ft	1,3ft	1,7ft	2,1ft	3,2ft	4,2ft	6,3ft	8,4ft	10,5ft	12,6ft	16,8ft	21ft

LINEAR DISTRIBUTION DIAGRAM

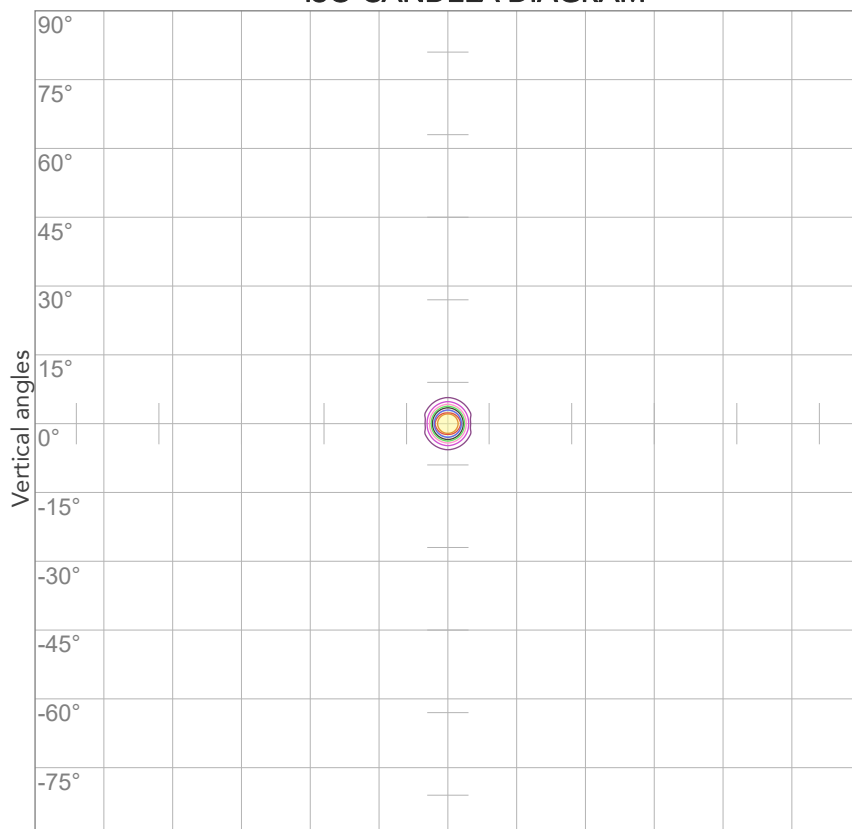


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,288A	43,1W	0,66	22lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



Horizontal angles

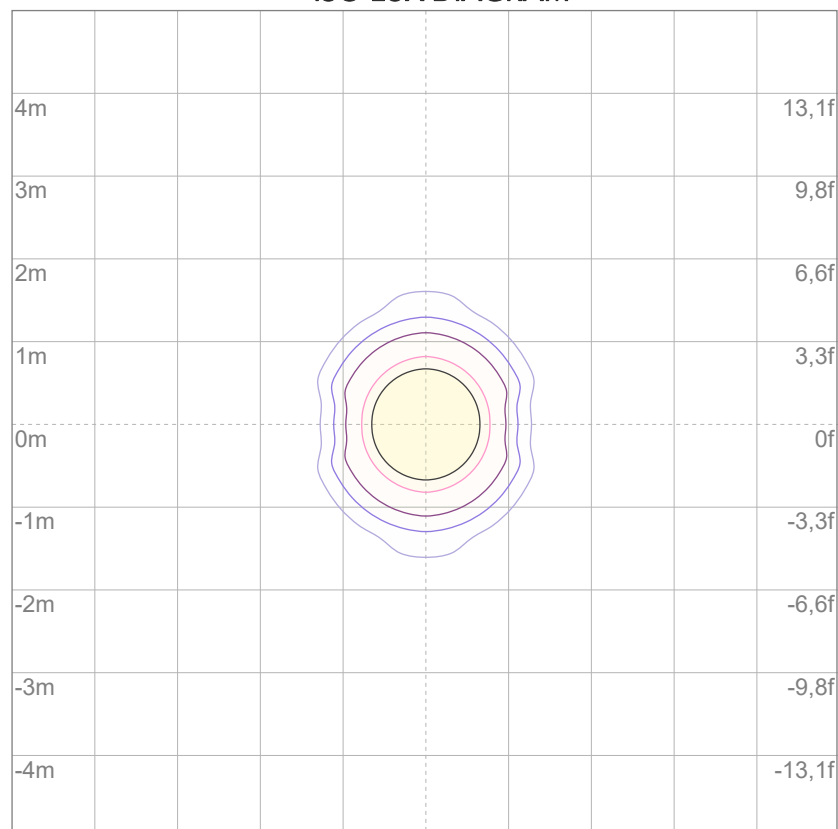
10%	3304 cd
20%	6608 cd
30%	9912 cd
40%	13215 cd
50%	16519 cd
60%	19823 cd
70%	23127 cd
80%	26431 cd

Conditions:

Number of c-planes: 4

Candela at center: 33038 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	9,91 lx
5%	16,5 lx
10%	33,0 lx
30%	99,1 lx
50%	165 lx

Conditions:

Number of c-planes: 4

Lux at center: 330 lx

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



Total lumen output:

894 lm

Peak candela output:

26436 cd

PRODUCT NAME:

ArcPod300FCLT

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic + 8 Deg Filter

Target:

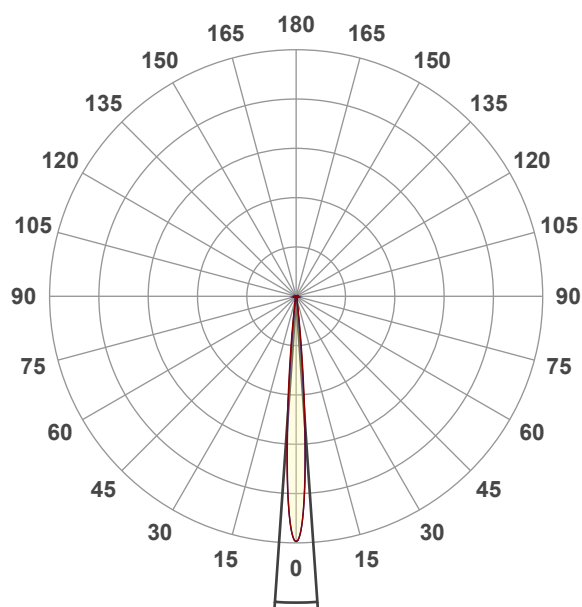
Red

Operator:

Salvatore Giglio

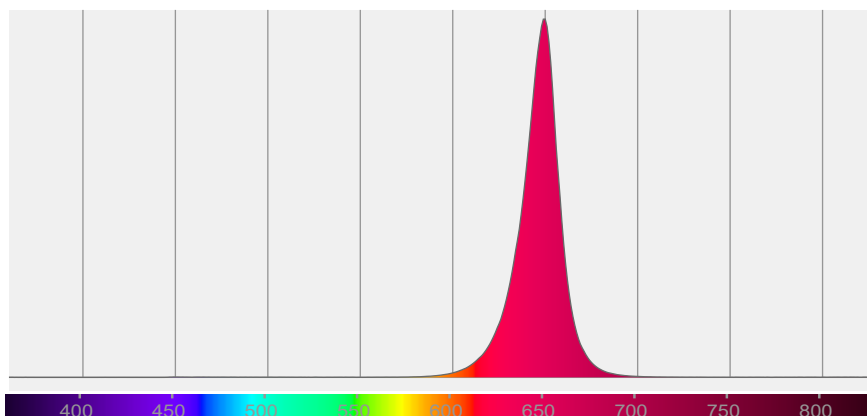
Date and time:

24/06/2025 18:30:13



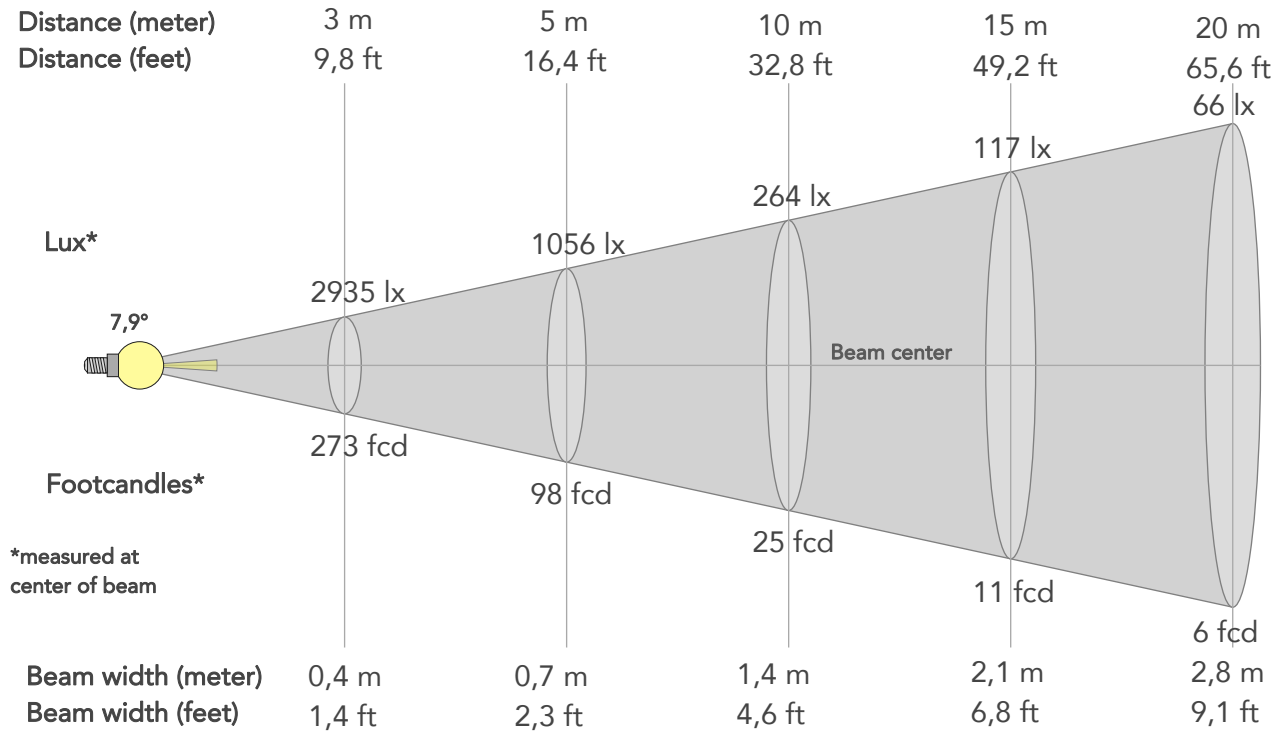
	Blue curve V	Red curve H
Beam angle 50%:	7,8°	8,1°
Field angle 10%:	13°	14,1°
Cut off angle 2.5%:	17,8°	20,7°

Spectra



BEAM DETAILS

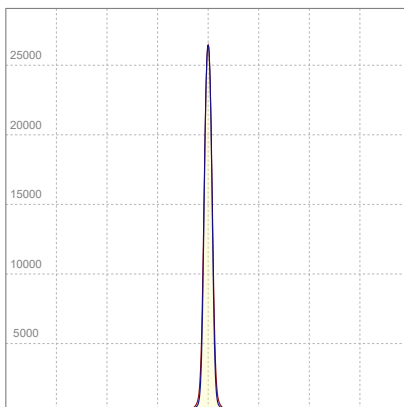
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
7,9°	13,6°	19,3°	87,9%	81,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	26411lx	6603lx	2935lx	1651lx	1056lx	470lx	264lx	117lx	66lx	42lx	29lx	17lx	11lx
Footcand.	2454fcd	613fcd	273fcd	153fcd	98fcd	44fcd	25fcd	11fcd	6fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,1m	0,3m	0,4m	0,6m	0,7m	1m	1,4m	2,1m	2,8m	3,5m	4,2m	5,6m	6,9m
Beam wid.	0,5ft	0,9ft	1,4ft	1,8ft	2,3ft	3,4ft	4,6ft	6,8ft	9,1ft	11,4ft	13,7ft	18,2ft	22,8ft

LINEAR DISTRIBUTION DIAGRAM

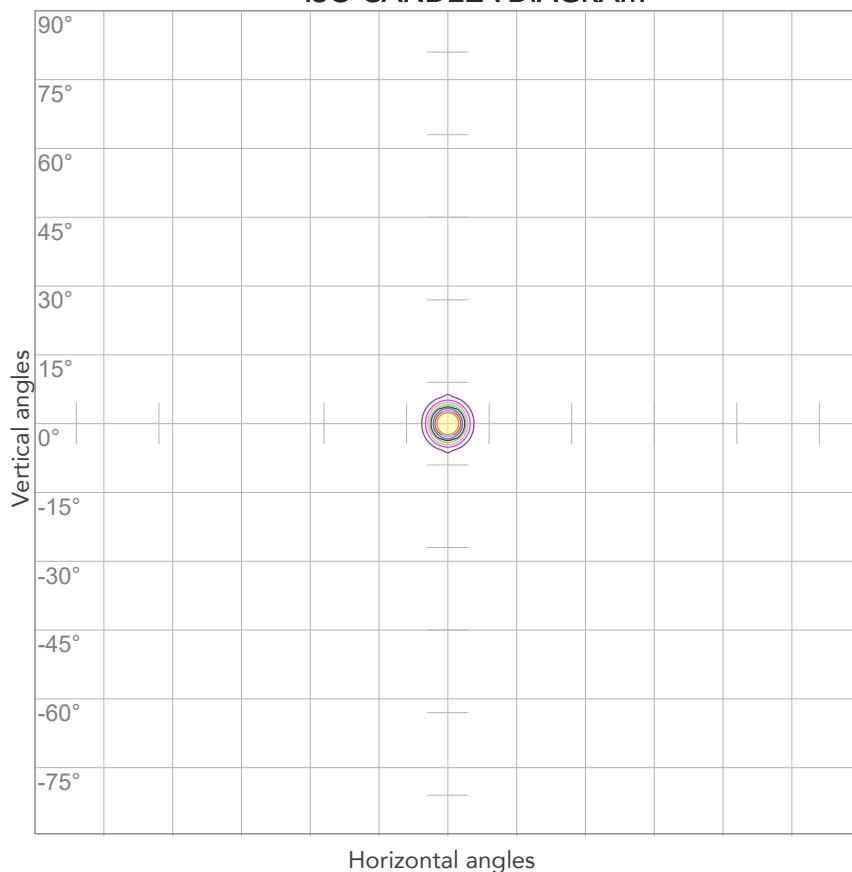


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,281A	42,2W	0,66	21lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



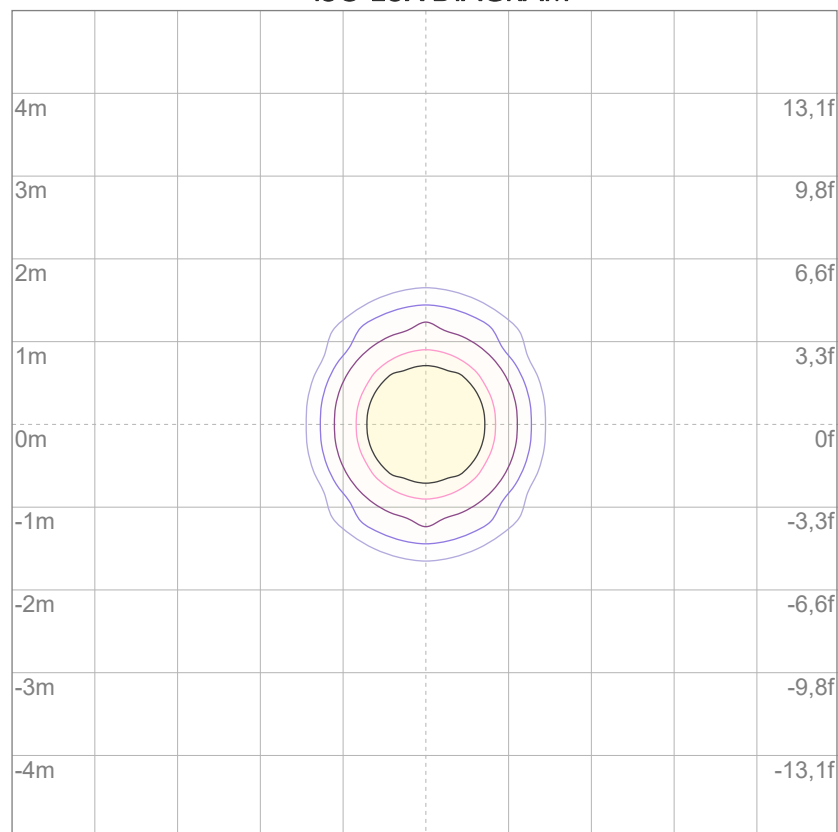
10%	2641 cd
20%	5282 cd
30%	7923 cd
40%	10564 cd
50%	13205 cd
60%	15847 cd
70%	18488 cd
80%	21129 cd

Conditions:

Number of c-planes: 4

Candela at center: 26411 cd

ISO LUX DIAGRAM



3%	7,92 lx
5%	13,2 lx
10%	26,4 lx
30%	79,2 lx
50%	132 lx

Conditions:

Number of c-planes: 4

Lux at center: 264 lx

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



Total lumen output:

2601 lm

Peak candela output:

437546 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic

Target:

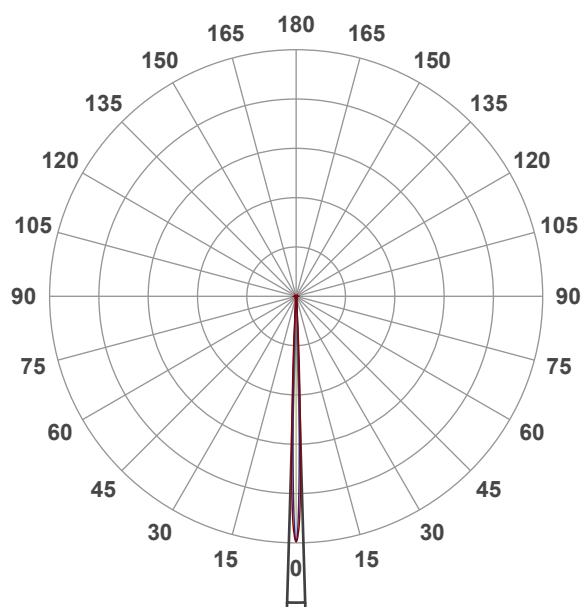
Green

Operator:

Salvatore Giglio

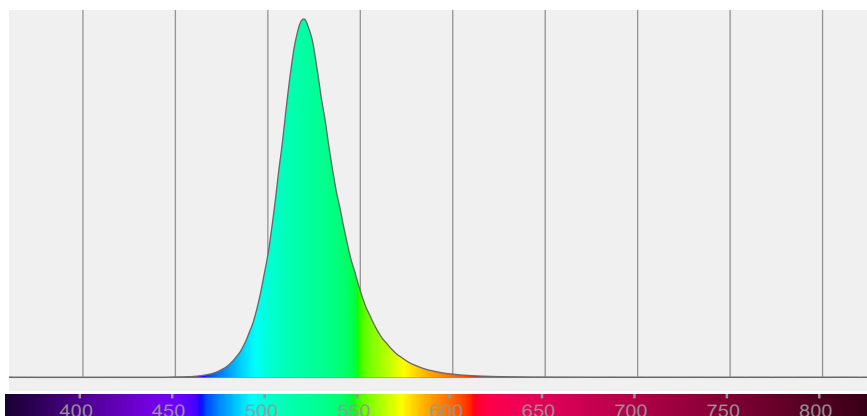
Date and time:

24/06/2025 16:34:03



	Blue curve V	Red curve H
Beam angle 50%:	2,6°	3,9°
Field angle 10%:	5,4°	7°
Cut off angle 2.5%:	7,3°	9,5°

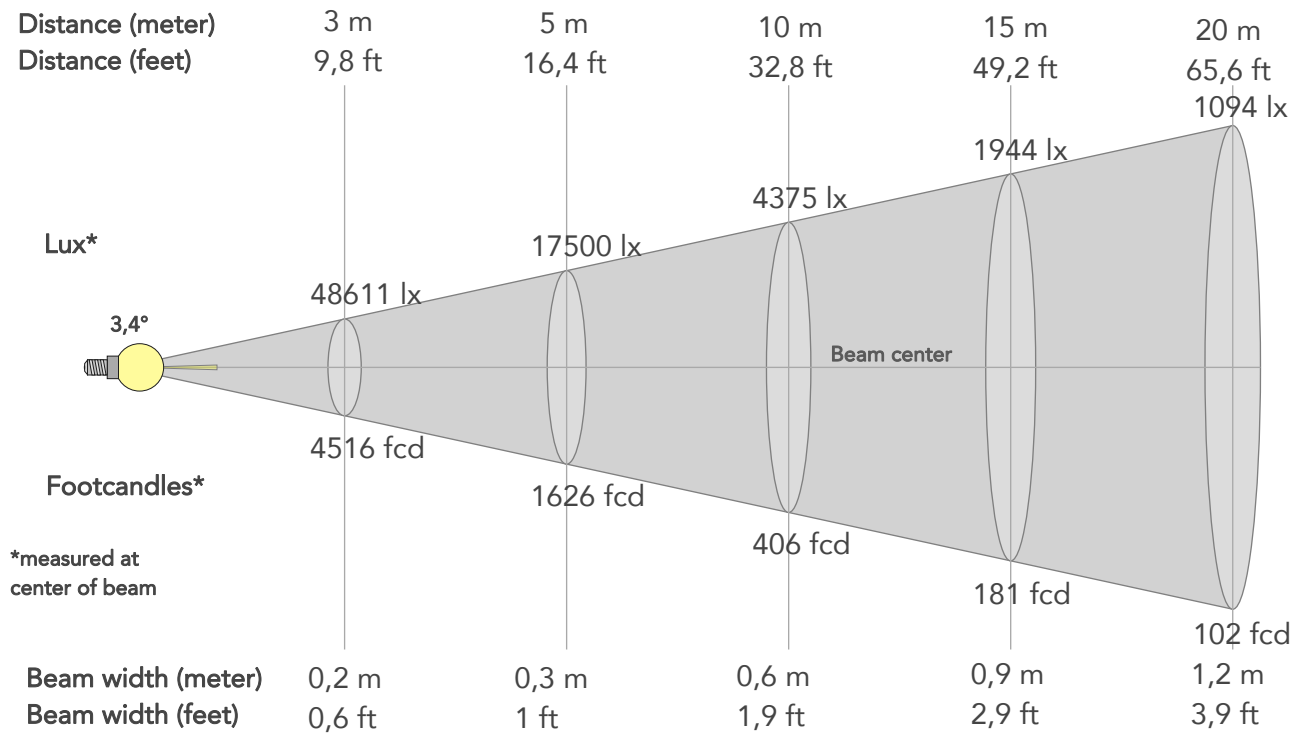
Spectra



BEAM DETAILS



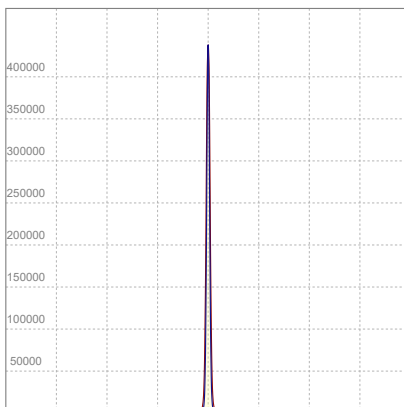
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3,4°	6,2°	8,4°	94,1%	90,9%



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	437496lx	109374lx	48611lx	27343lx	17500lx	7778lx	4375lx	1944lx	1094lx	700lx	486lx	273lx	175lx
Footcand.	40645fcd	10161fcd	4516fcd	2540fcd	1626fcd	723fcd	406fcd	181fcd	102fcd	65fcd	45fcd	25fcd	16fcd
Beam wid.	0,1m	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,9m	1,2m	1,5m	1,8m	2,4m	3m
Beam wid.	0,2ft	0,4ft	0,6ft	0,8ft	1ft	1,5ft	1,9ft	2,9ft	3,9ft	4,8ft	5,8ft	7,7ft	9,7ft

LINEAR DISTRIBUTION DIAGRAM

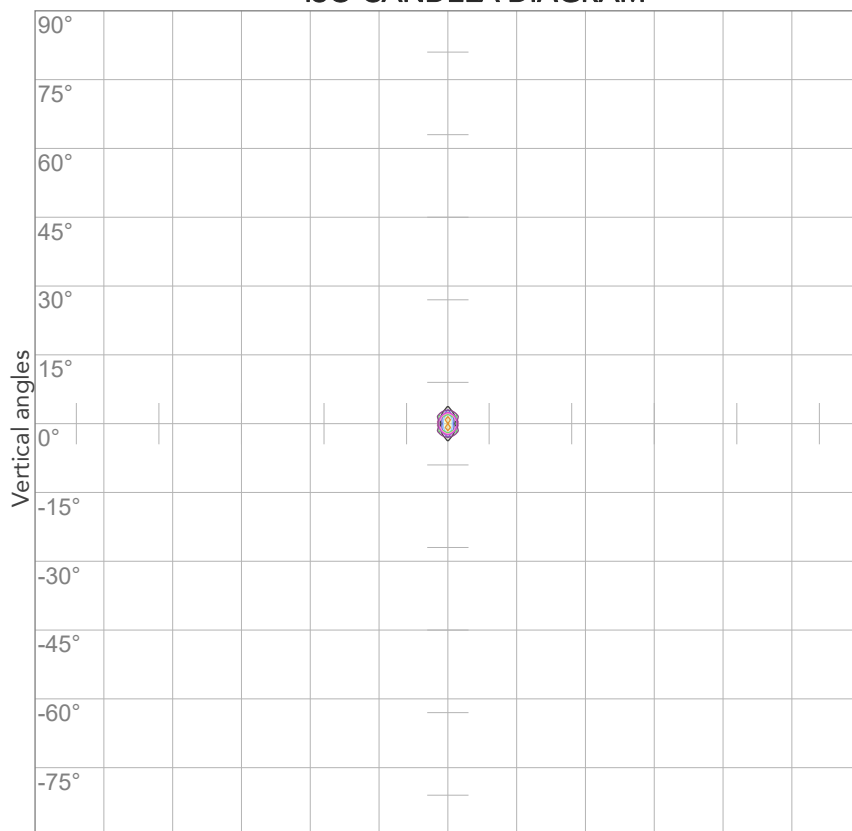


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,343A	59,5W	0,76	44lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



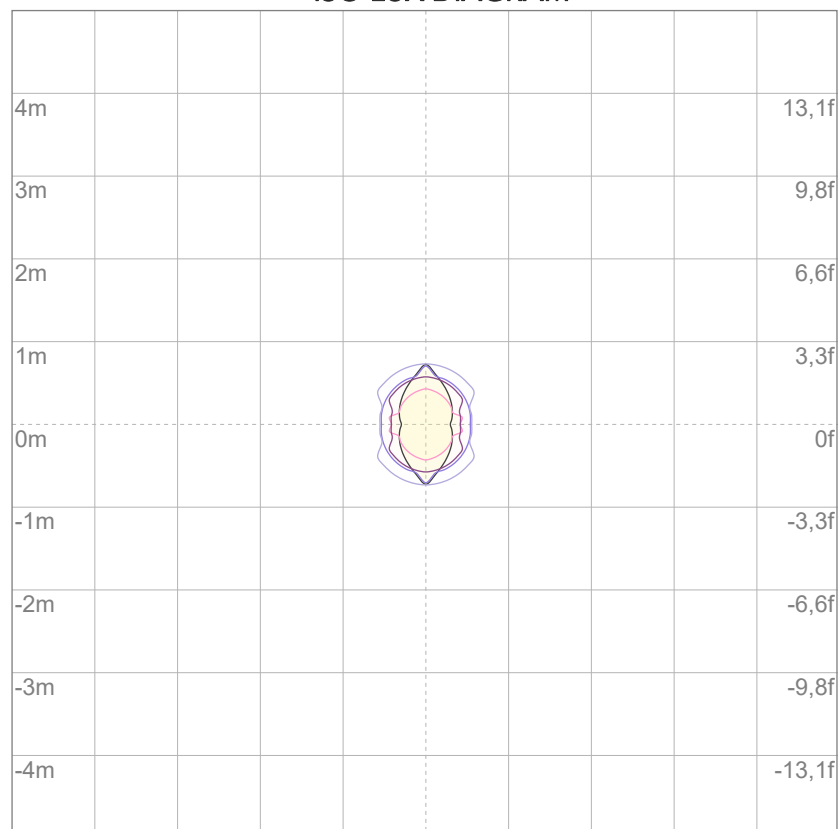
10%	43750 cd
20%	87499 cd
30%	131249 cd
40%	174998 cd
50%	218748 cd
60%	262498 cd
70%	306247 cd
80%	349997 cd

Conditions:

Number of c-planes: 4

Candela at center: 437496 cd

ISO LUX DIAGRAM



3%	131 lx
5%	219 lx
10%	437 lx
30%	1312 lx
50%	2187 lx

Conditions:

Number of c-planes: 4

Lux at center: 4375 lx

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



Total lumen output:

2399 lm

Peak candela output:

257840 cd

PRODUCT NAME:

ArcPod300FCLT

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic + 3 Deg Filter

Target:

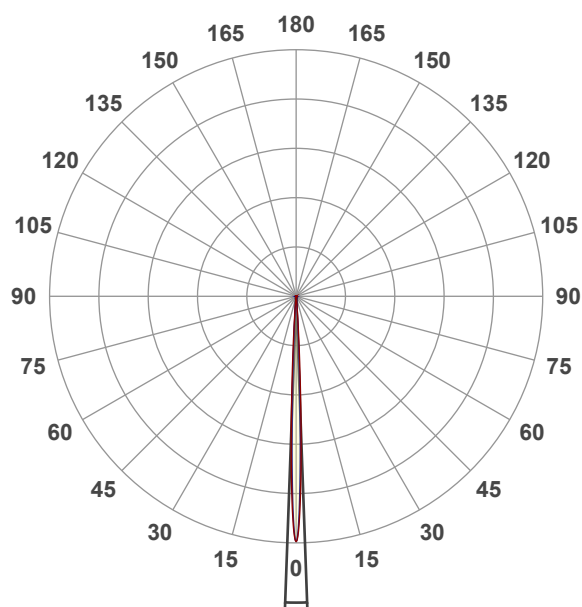
Green

Operator:

Salvatore Giglio

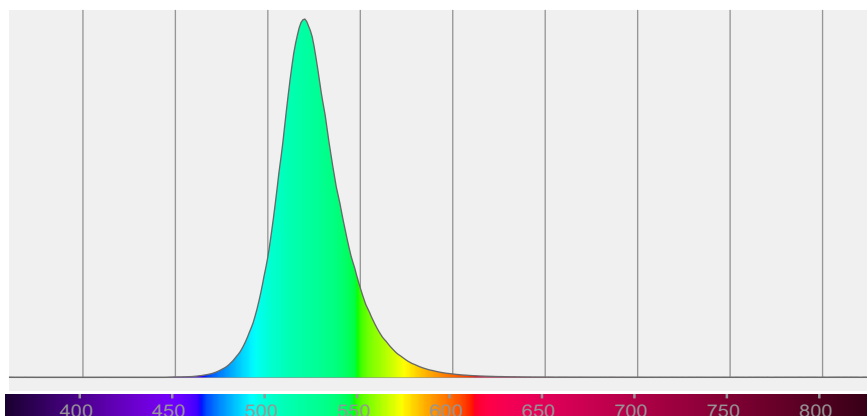
Date and time:

24/06/2025 14:55:29



	Blue curve V	Red curve H
Beam angle 50%:	3,7°	4,5°
Field angle 10%:	7,2°	8,2°
Cut off angle 2.5%:	10,6°	11,2°

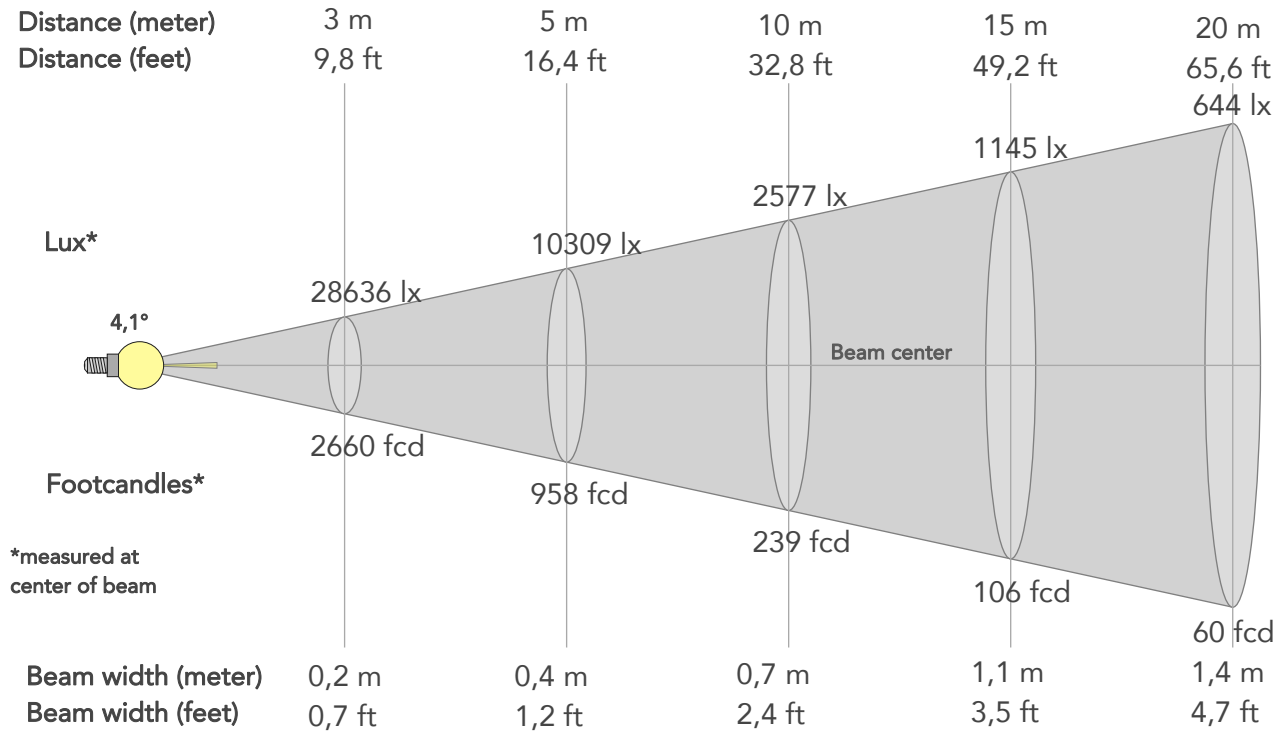
Spectra



BEAM DETAILS



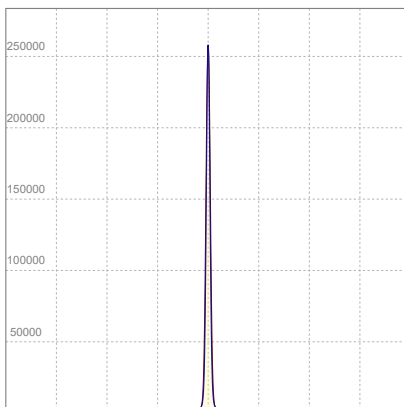
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,1°	7,7°	10,9°	94,9%	91,1%



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	257723lx	64431lx	28636lx	16108lx	10309lx	4582lx	2577lx	1145lx	644lx	412lx	286lx	161lx	103lx
Footcand.	23943fcd	5986fcd	2660fcd	1496fcd	958fcd	426fcd	239fcd	106fcd	60fcd	38fcd	27fcd	15fcd	10fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,4m	0,5m	0,7m	1,1m	1,4m	1,8m	2,2m	2,9m	3,6m
Beam wid.	0,2ft	0,5ft	0,7ft	0,9ft	1,2ft	1,8ft	2,4ft	3,5ft	4,7ft	5,9ft	7,1ft	9,4ft	11,8ft

LINEAR DISTRIBUTION DIAGRAM

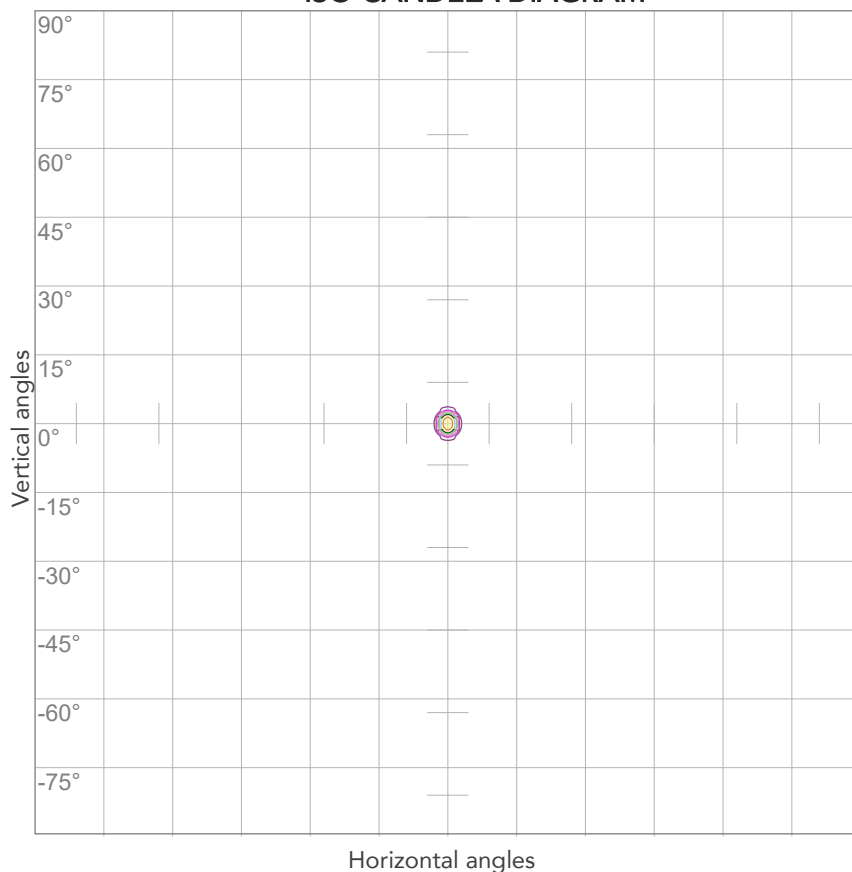


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
231V	0,337A	58,5W	0,75	41lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



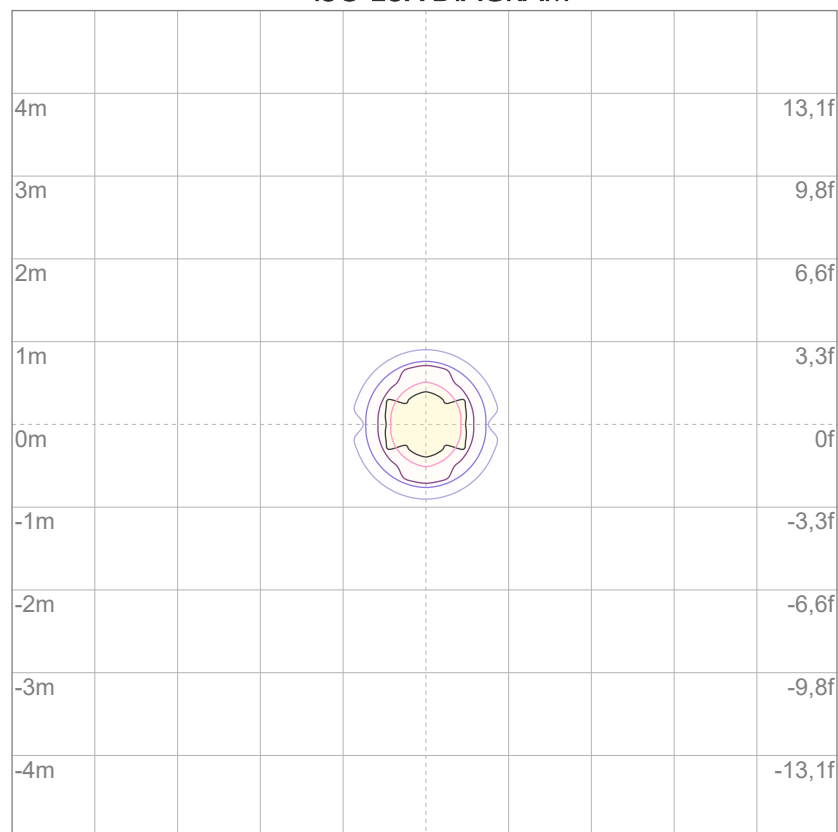
10%	25772 cd
20%	51545 cd
30%	77317 cd
40%	103089 cd
50%	128861 cd
60%	154634 cd
70%	180406 cd
80%	206178 cd

Conditions:

Number of c-planes: 4

Candela at center: 257723 cd

ISO LUX DIAGRAM



3%	77,3 lx
5%	129 lx
10%	258 lx
30%	773 lx
50%	1289 lx

Conditions:

Number of c-planes: 4

Lux at center: 2577 lx

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



Total lumen output:

2369 lm

Peak candela output:

92136 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 5 Deg Filter

Target:

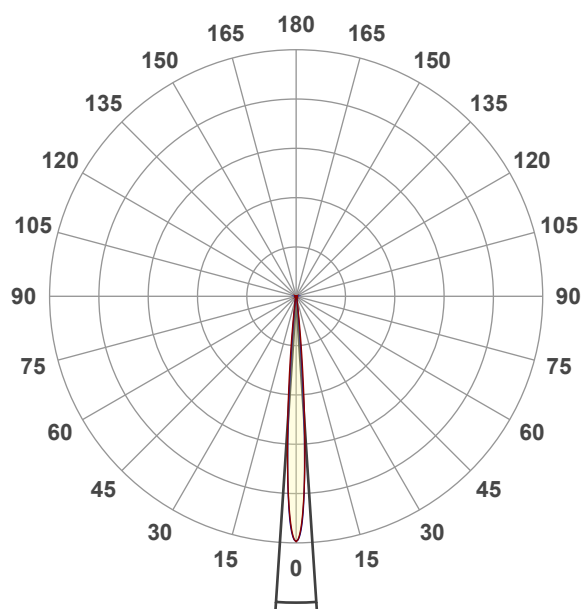
Green

Operator:

Salvatore Giglio

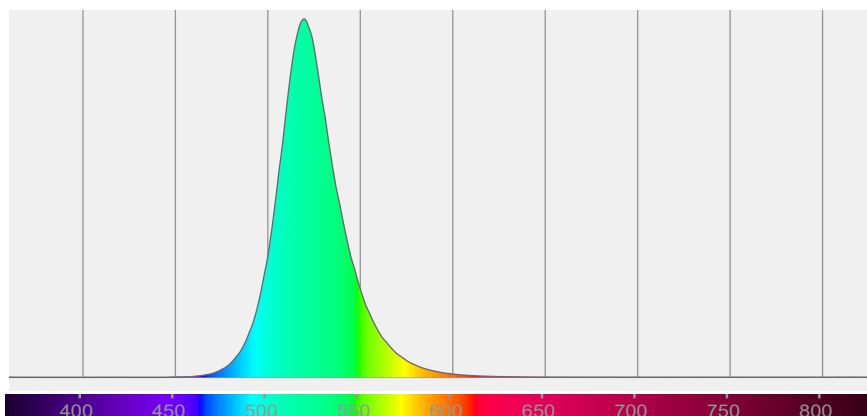
Date and time:

24/06/2025 18:09:33



	Blue curve V	Red curve H
Beam angle 50%:	7,3°	7,8°
Field angle 10%:	11,9°	13,9°
Cut off angle 2.5%:	16,7°	20,8°

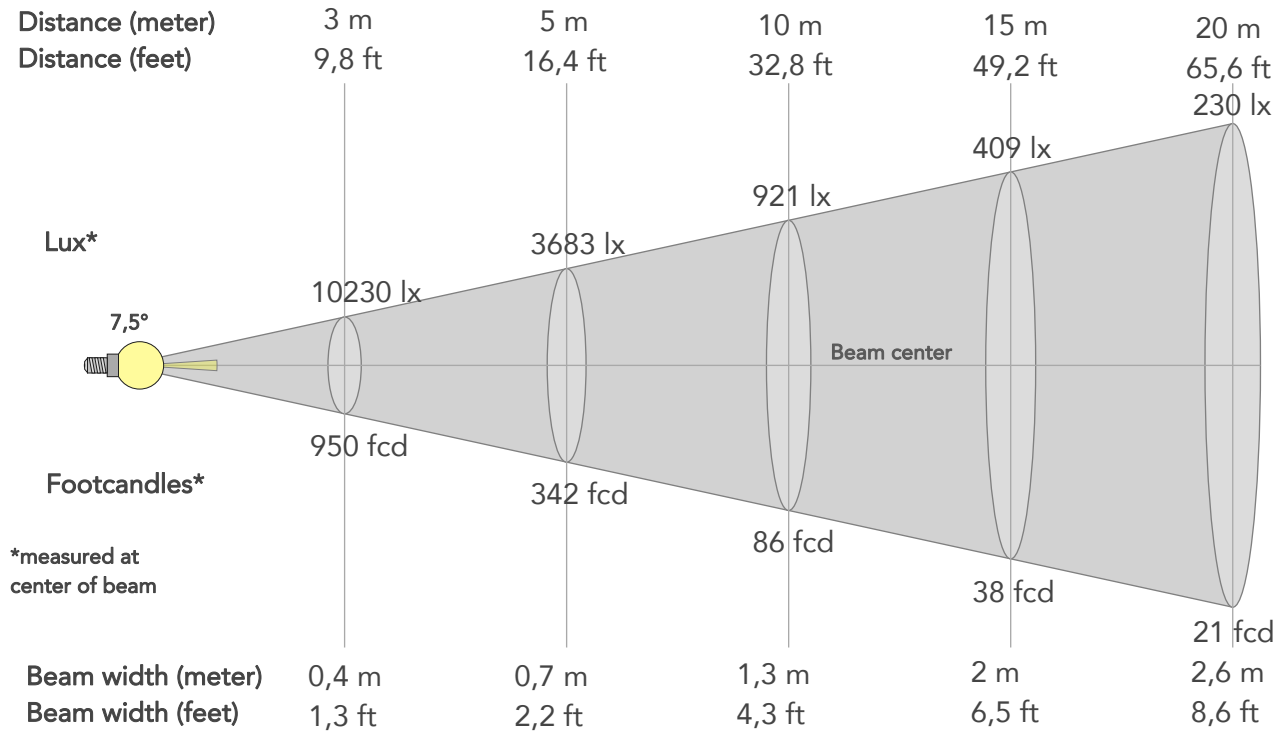
Spectra



BEAM DETAILS



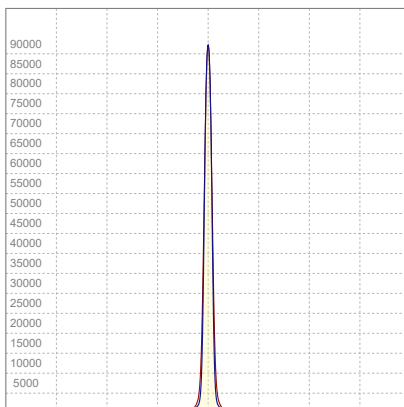
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
7,5°	12,9°	18,7°	95,5%	92,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	92073lx	23018lx	10230lx	5755lx	3683lx	1637lx	921lx	409lx	230lx	147lx	102lx	58lx	37lx
Footcand.	8554fcd	2138fcd	950fcd	535fcd	342fcd	152fcd	86fcd	38fcd	21fcd	14fcd	10fcd	5fcd	3fcd
Beam wid.	0,1m	0,3m	0,4m	0,5m	0,7m	1m	1,3m	2m	2,6m	3,3m	4m	5,3m	6,6m
Beam wid.	0,4ft	0,9ft	1,3ft	1,7ft	2,2ft	3,2ft	4,3ft	6,5ft	8,6ft	10,8ft	13ft	17,3ft	21,6ft

LINEAR DISTRIBUTION DIAGRAM

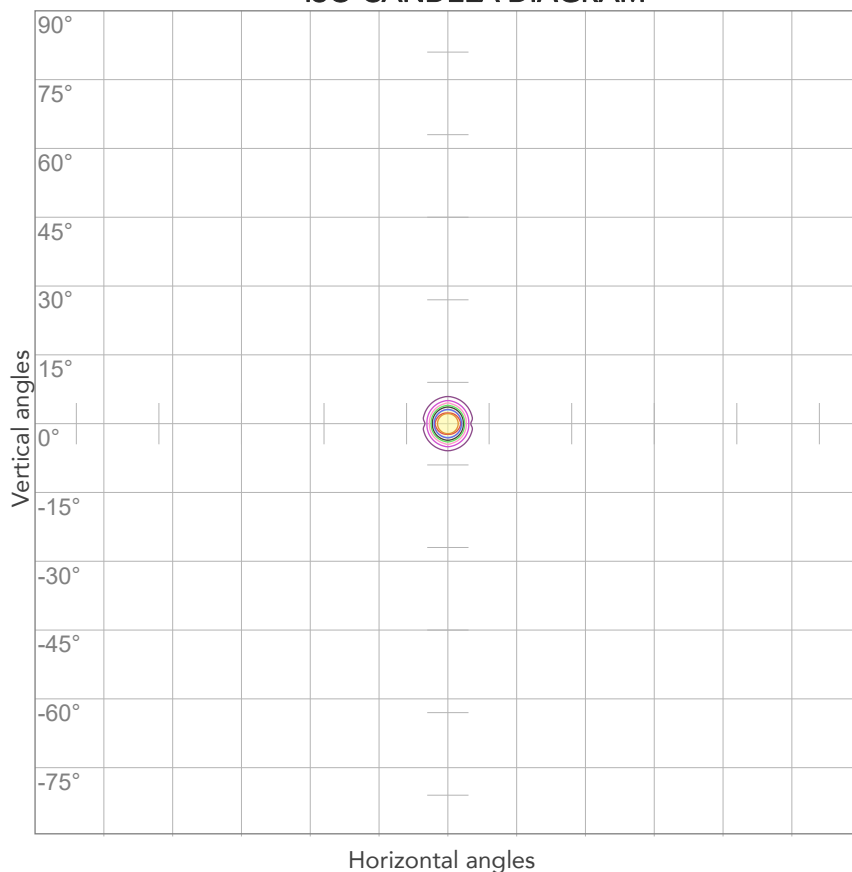


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,342A	58,9W	0,76	40lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



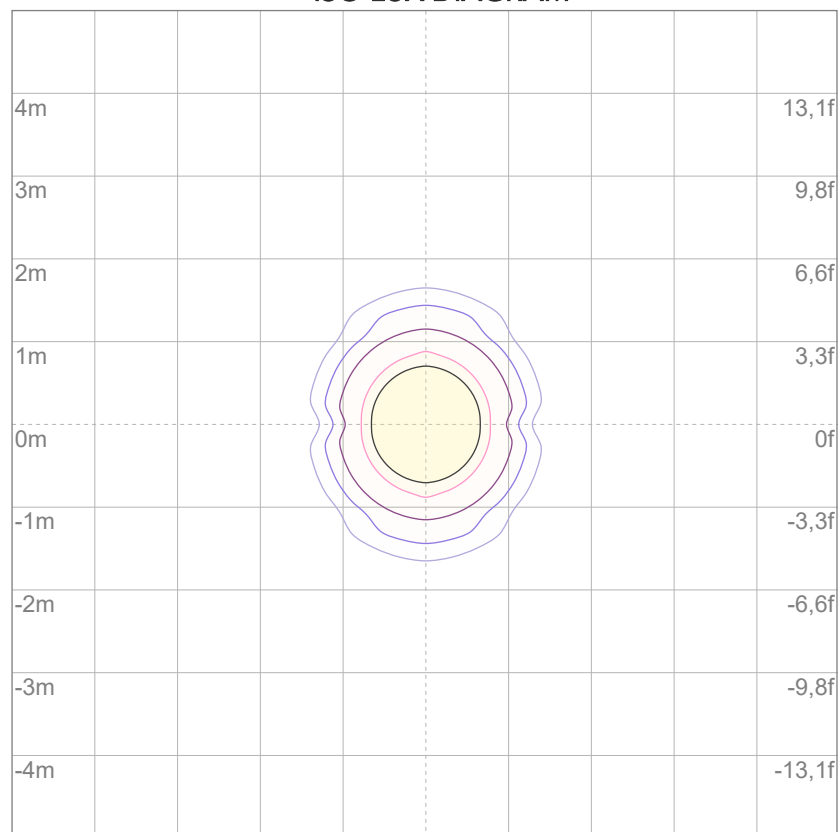
10%	9207 cd
20%	18415 cd
30%	27622 cd
40%	36829 cd
50%	46037 cd
60%	55244 cd
70%	64451 cd
80%	73659 cd

Conditions:

Number of c-planes: 4

Candela at center: 92073 cd

ISO LUX DIAGRAM



3%	27,6 lx
5%	46,0 lx
10%	92,1 lx
30%	276 lx
50%	460 lx

Conditions:

Number of c-planes: 4

Lux at center: 921 lx

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



Total lumen output:

2274 lm

Peak candela output:

77210 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 8 Deg Filter

Target:

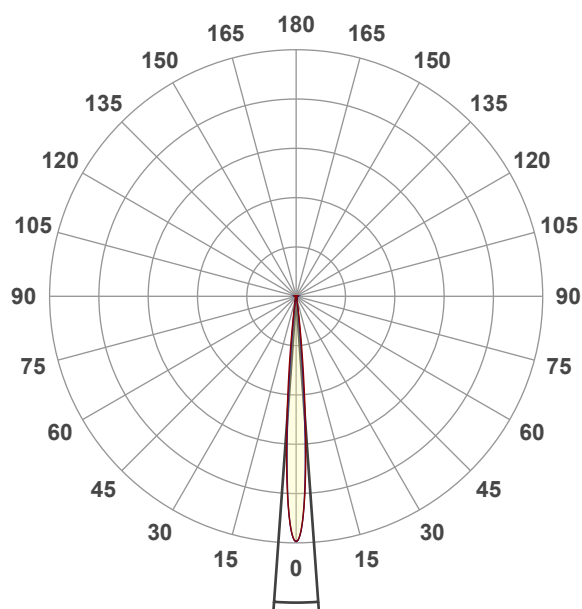
Green

Operator:

Salvatore Giglio

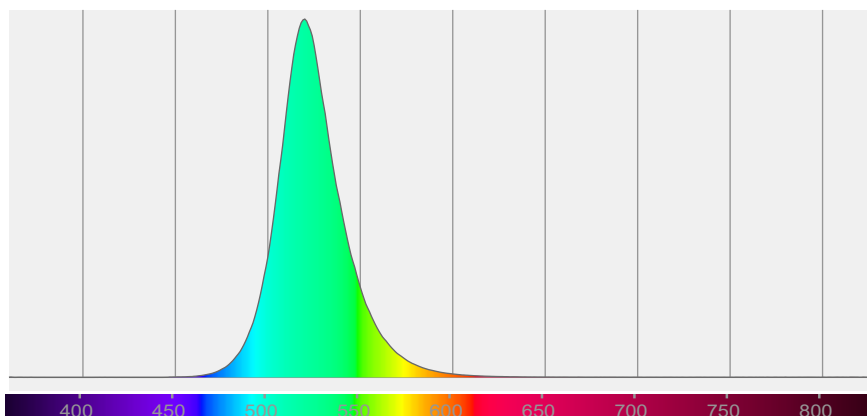
Date and time:

24/06/2025 18:35:09



	Blue curve V	Red curve H
Beam angle 50%:	7,9°	8,6°
Field angle 10%:	13,2°	15°
Cut off angle 2.5%:	18,1°	21,3°

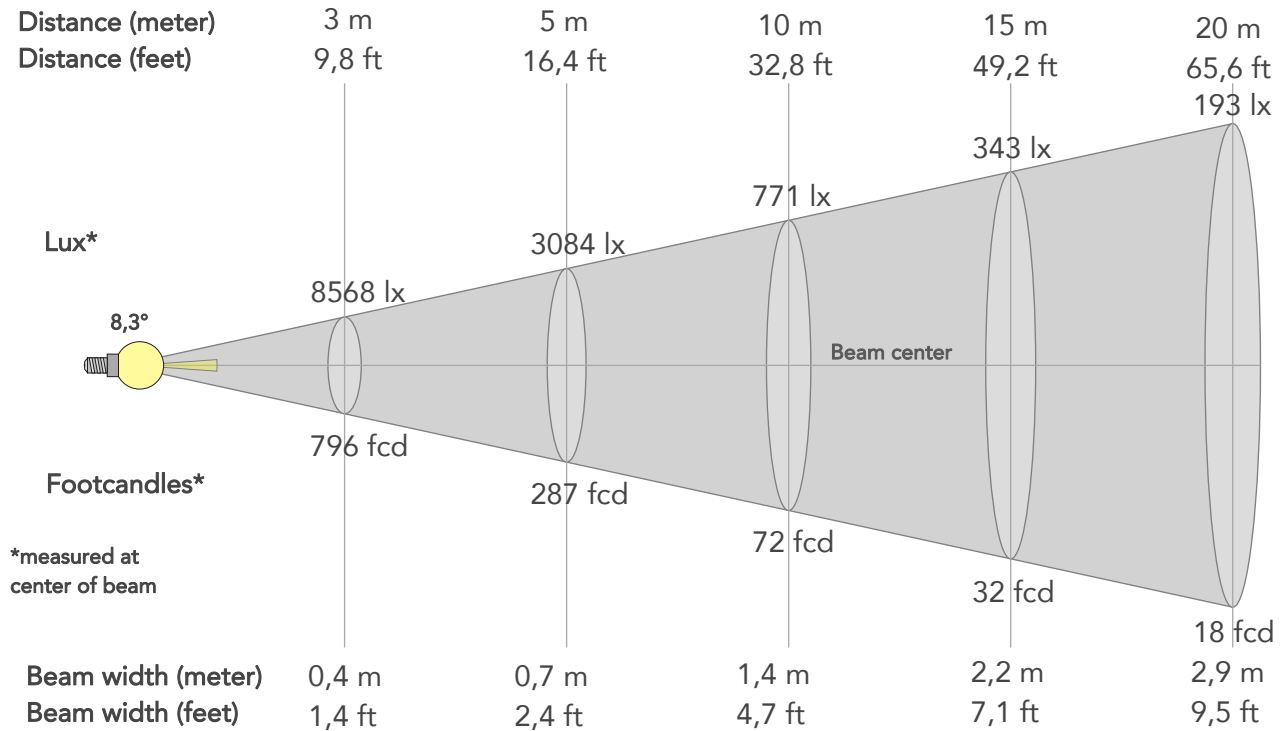
Spectra



BEAM DETAILS



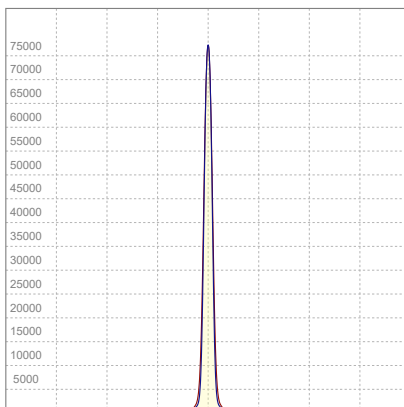
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
8,3°	14,1°	19,7°	96,6%	93,6%



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	77111lx	19278lx	8568lx	4819lx	3084lx	1371lx	771lx	343lx	193lx	123lx	86lx	48lx	31lx
Footcand.	7164fcd	1791fcd	796fcd	448fcd	287fcd	127fcd	72fcd	32fcd	18fcd	11fcd	8fcd	4fcd	3fcd
Beam wid.	0,1m	0,3m	0,4m	0,6m	0,7m	1,1m	1,4m	2,2m	2,9m	3,6m	4,3m	5,8m	7,2m
Beam wid.	0,5ft	1ft	1,4ft	1,9ft	2,4ft	3,6ft	4,7ft	7,1ft	9,5ft	11,8ft	14,2ft	19ft	23,7ft

LINEAR DISTRIBUTION DIAGRAM

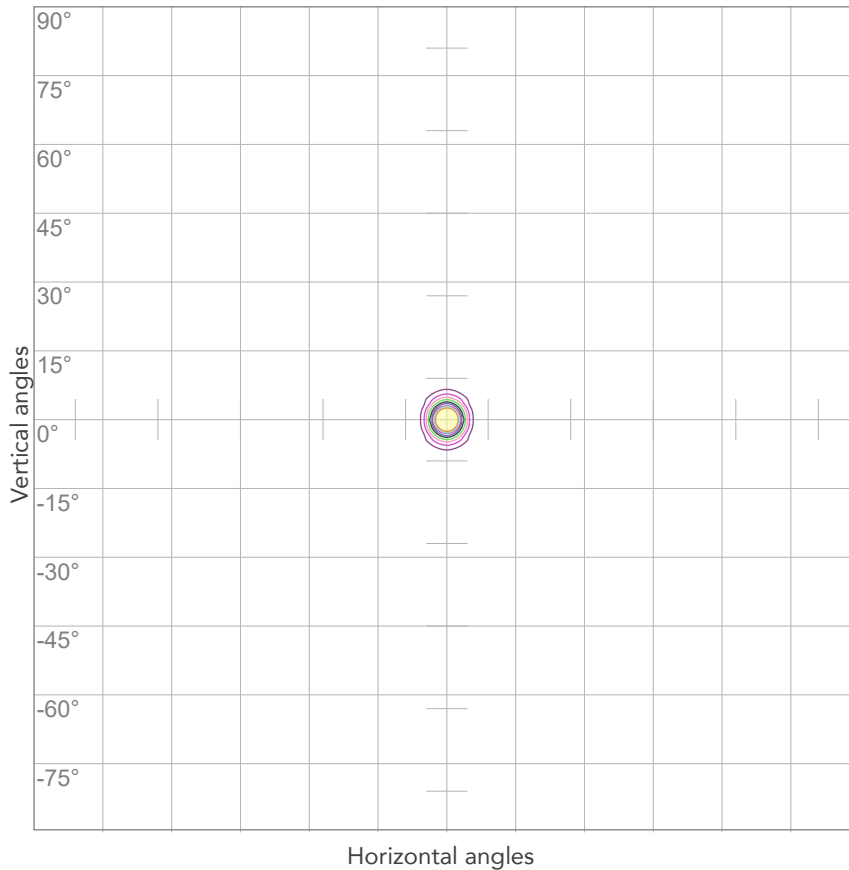


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,338A	58,2W	0,76	39lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



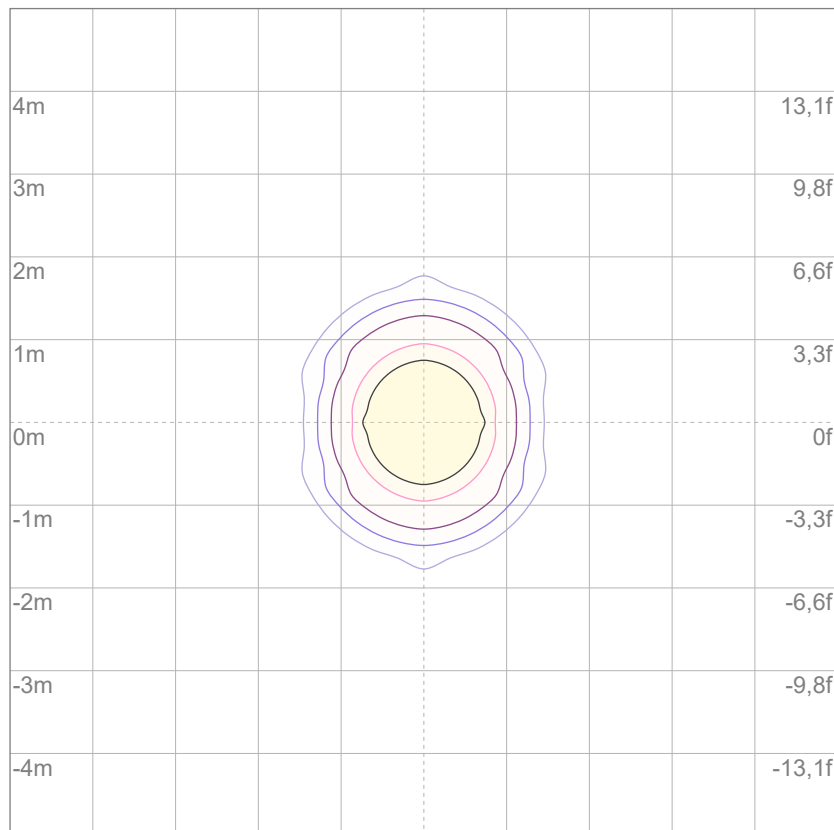
10%	7711 cd
20%	15422 cd
30%	23133 cd
40%	30844 cd
50%	38555 cd
60%	46267 cd
70%	53978 cd
80%	61689 cd

Conditions:

Number of c-planes: 4

Candela at center: 77111 cd

ISO LUX DIAGRAM



3%	23,1 lx
5%	38,6 lx
10%	77,1 lx
30%	231 lx
50%	386 lx

Conditions:

Number of c-planes: 4

Lux at center: 771 lx

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



Total lumen output:

4659 lm

Peak candela output:

117125 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic

Target:

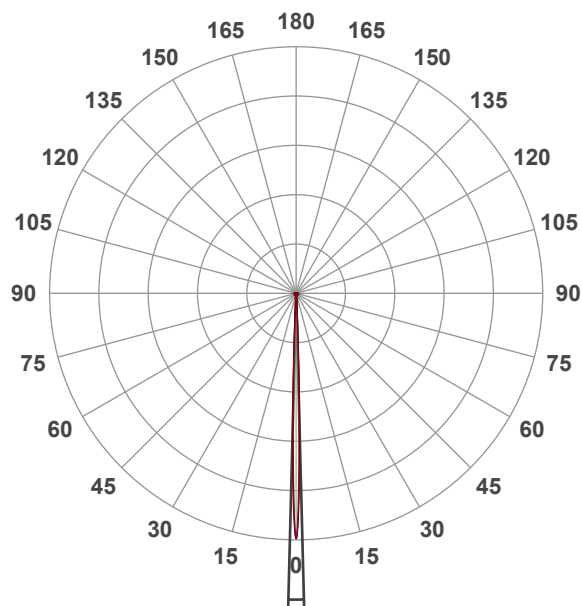
Blue

Operator:

Salvatore Giglio

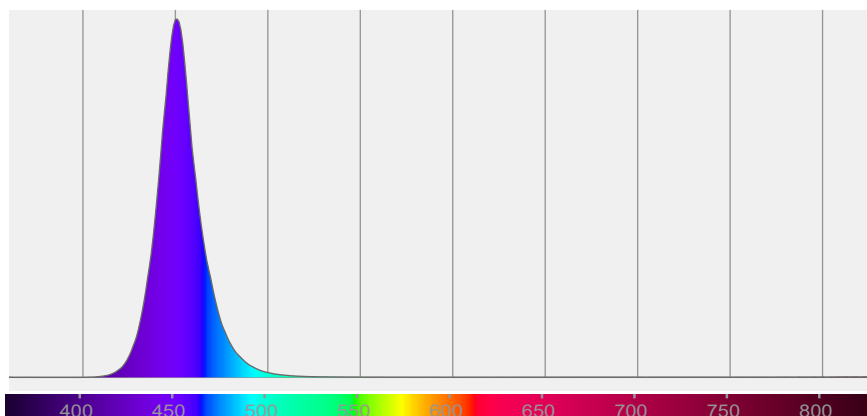
Date and time:

24/06/2025 17:27:25



	Blue curve V	Red curve H
Beam angle 50%:	2,7°	3,1°
Field angle 10%:	5,2°	5,8°
Cut off angle 2.5%:	7,4°	8,1°

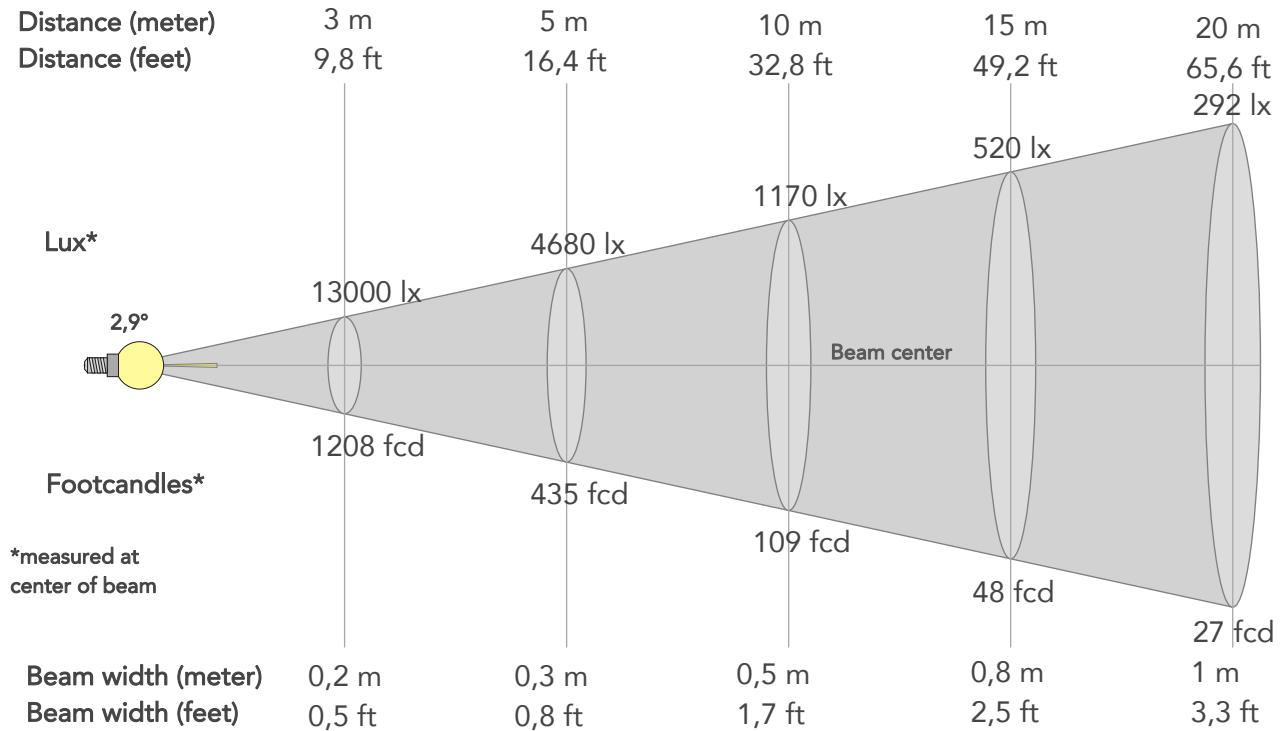
Spectra



BEAM DETAILS



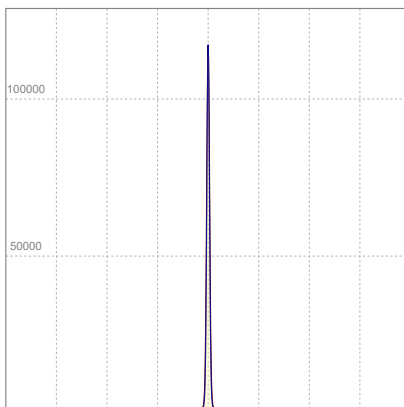
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
2,9°	5,5°	7,8°	55,0%	36,2%



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	116996lx	29249lx	13000lx	7312lx	4680lx	2080lx	1170lx	520lx	292lx	187lx	130lx	73lx	47lx
Footcand.	10869fcd	2717fcd	1208fcd	679fcd	435fcd	193fcd	109fcd	48fcd	27fcd	17fcd	12fcd	7fcd	4fcd
Beam wid.	0,1m	0,1m	0,2m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,3m	1,5m	2m	2,5m
Beam wid.	0,2ft	0,3ft	0,5ft	0,7ft	0,8ft	1,2ft	1,7ft	2,5ft	3,3ft	4,2ft	5ft	6,7ft	8,3ft

LINEAR DISTRIBUTION DIAGRAM

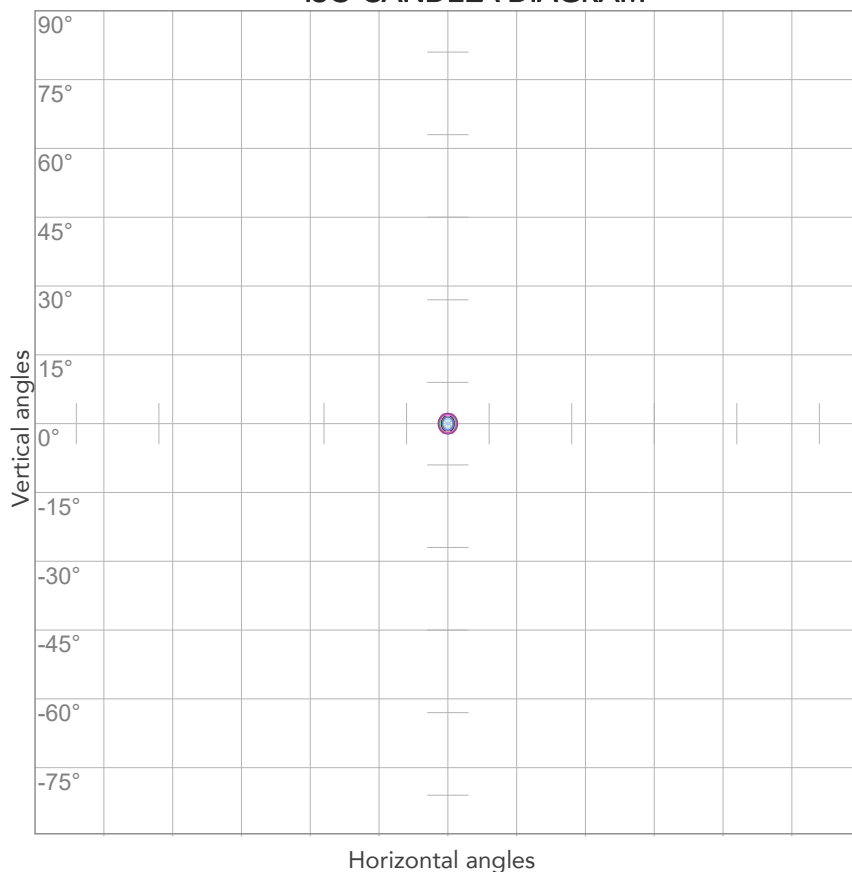


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,310A	50,4W	0,71	92lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



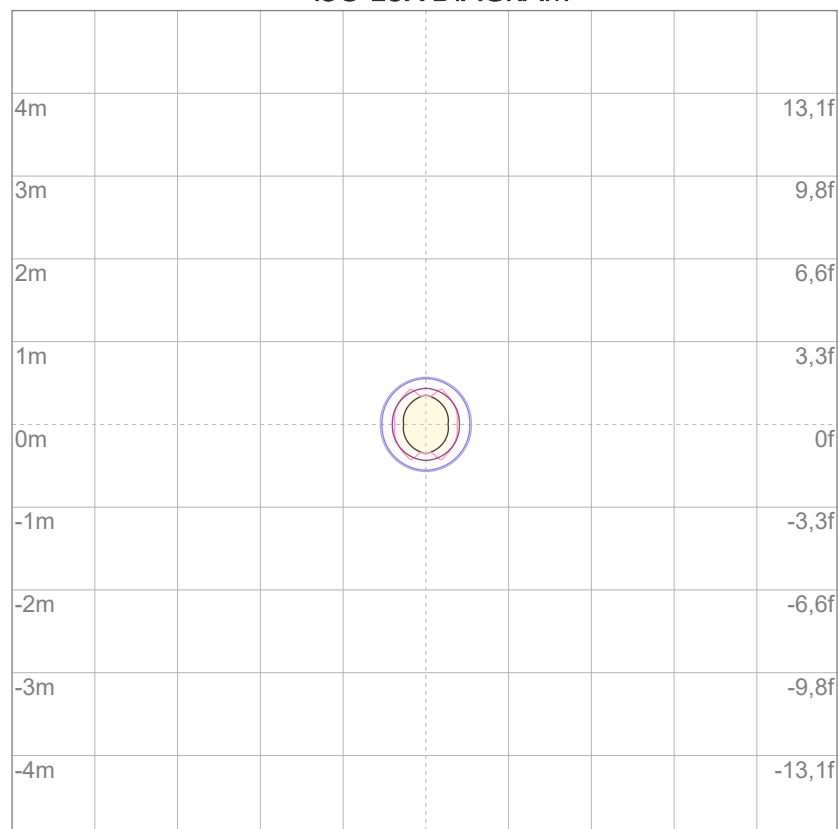
10%	11700 cd
20%	23399 cd
30%	35099 cd
40%	46798 cd
50%	58498 cd
60%	70198 cd
70%	81897 cd
80%	93597 cd

Conditions:

Number of c-planes: 4

Candela at center: 116996 cd

ISO LUX DIAGRAM



3%	35,1 lx
5%	58,5 lx
10%	117 lx
30%	351 lx
50%	585 lx

Conditions:

Number of c-planes: 4

Lux at center: 1170 lx

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



Total lumen output:

2375 lm

Peak candela output:

60578 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 3 Deg Filter

Target:

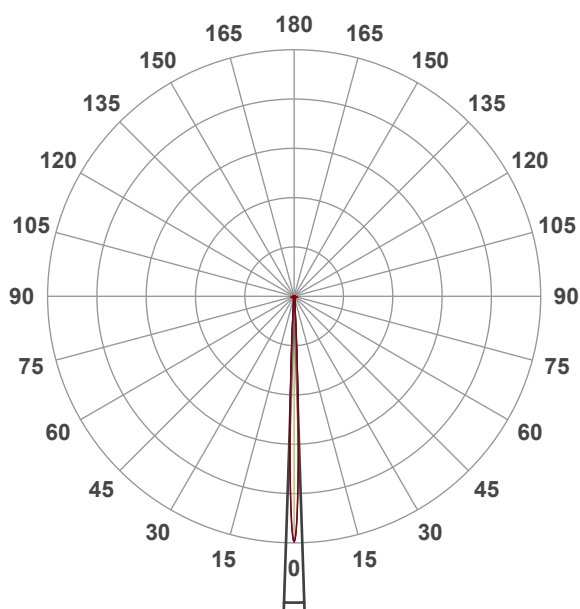
Blue

Operator:

Salvatore Giglio

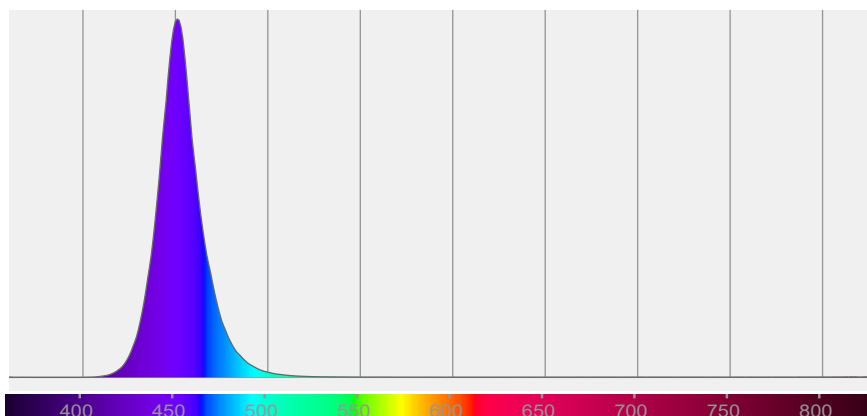
Date and time:

24/06/2025 15:00:29



	Blue curve V	Red curve H
Beam angle 50%:	3,7°	3,8°
Field angle 10%:	7,2°	7,3°
Cut off angle 2.5%:	11,3°	10,5°

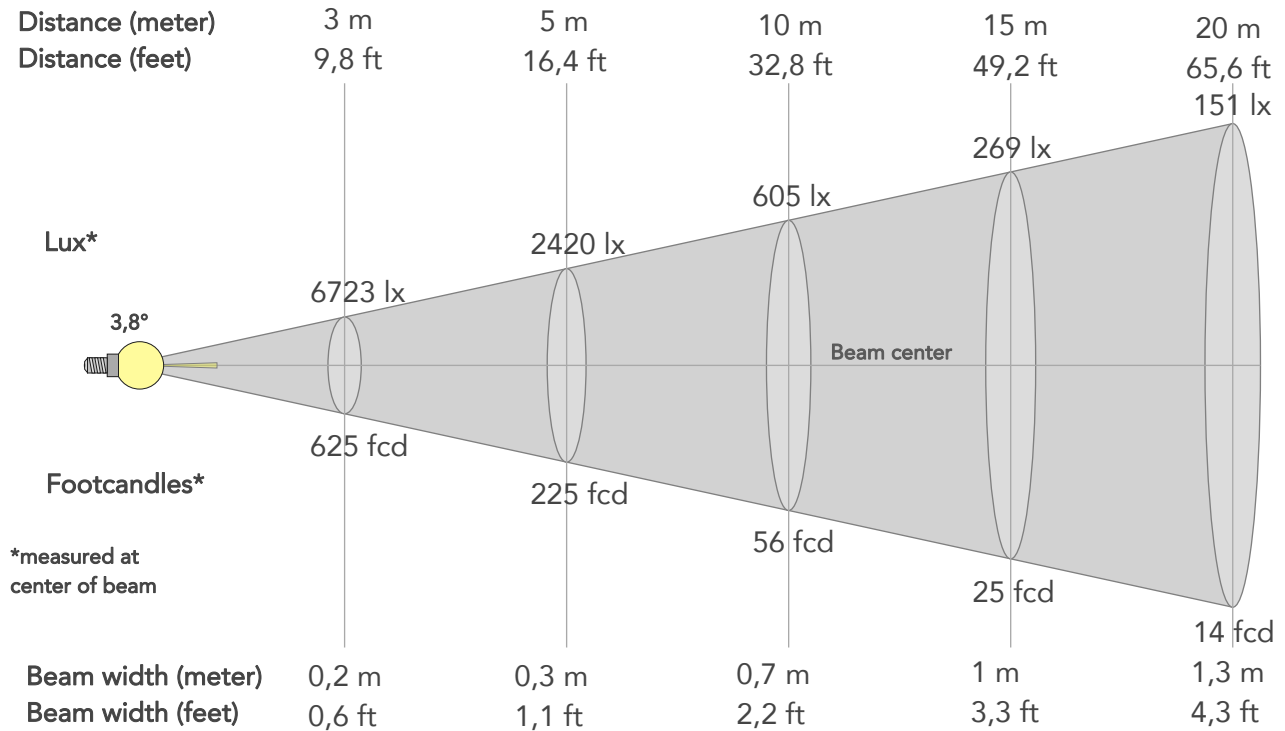
Spectra



BEAM DETAILS



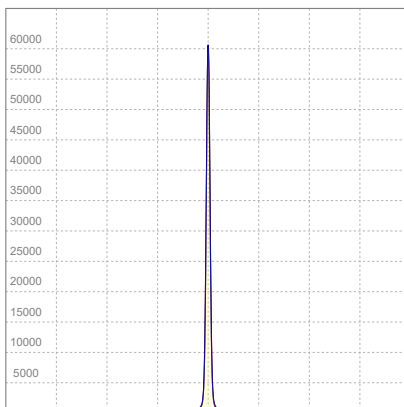
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3,8°	7,2°	10,9°	59,2%	41,8%



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	60504lx	15126lx	6723lx	3782lx	2420lx	1076lx	605lx	269lx	151lx	97lx	67lx	38lx	24lx
Footcand.	5621fcd	1405fcd	625fcd	351fcd	225fcd	100fcd	56fcd	25fcd	14fcd	9fcd	6fcd	4fcd	2fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,3m	0,5m	0,7m	1m	1,3m	1,7m	2m	2,6m	3,3m
Beam wid.	0,2ft	0,4ft	0,6ft	0,9ft	1,1ft	1,6ft	2,2ft	3,3ft	4,3ft	5,4ft	6,5ft	8,7ft	10,8ft

LINEAR DISTRIBUTION DIAGRAM

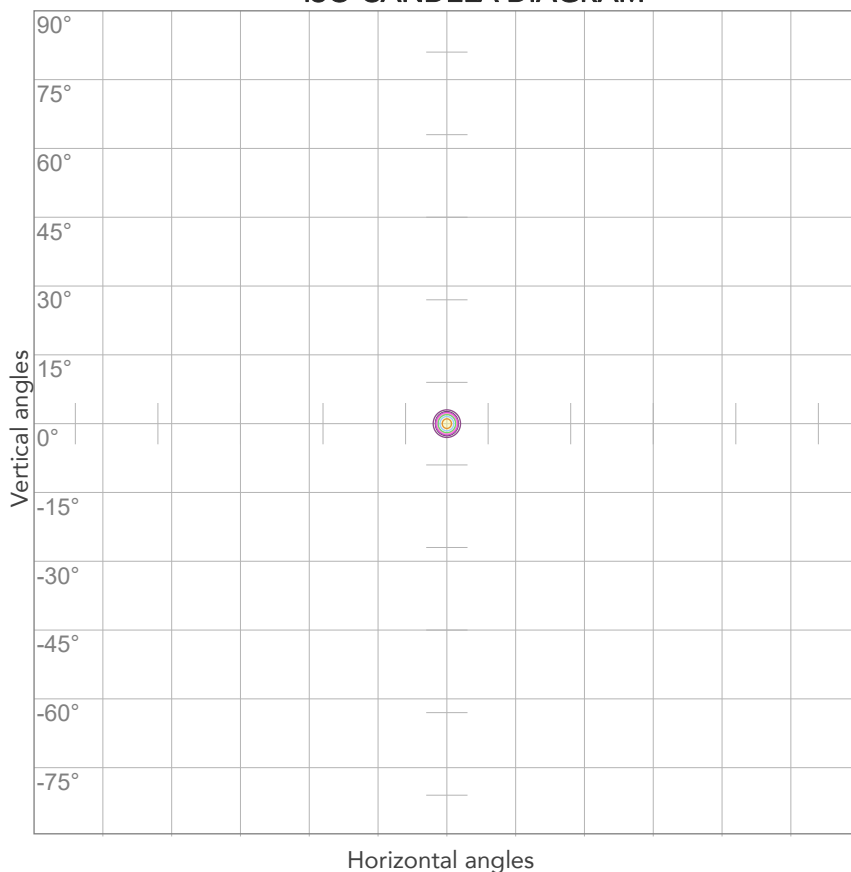


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,307A	49,6W	0,71	48lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



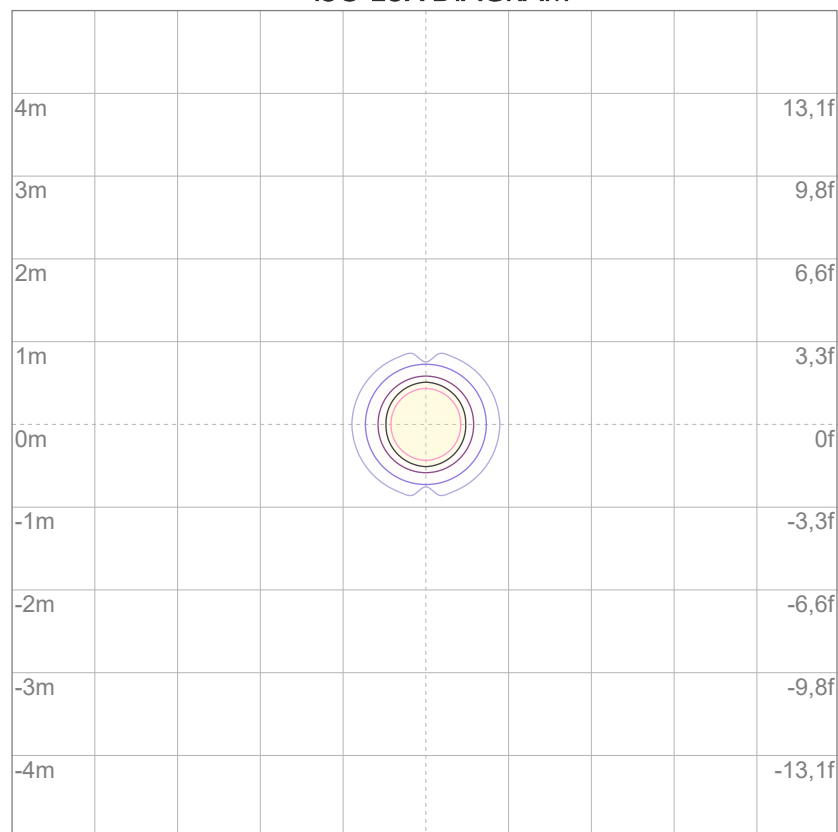
10%	6050 cd
20%	12101 cd
30%	18151 cd
40%	24202 cd
50%	30252 cd
60%	36302 cd
70%	42353 cd
80%	48403 cd

Conditions:

Number of c-planes: 4

Candela at center: 60504 cd

ISO LUX DIAGRAM



3%	18,2 lx
5%	30,3 lx
10%	60,5 lx
30%	182 lx
50%	303 lx

Conditions:

Number of c-planes: 4

Lux at center: 605 lx

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



Total lumen output:

654 lm

Peak candela output:

18409 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 5 Deg Filter

Target:

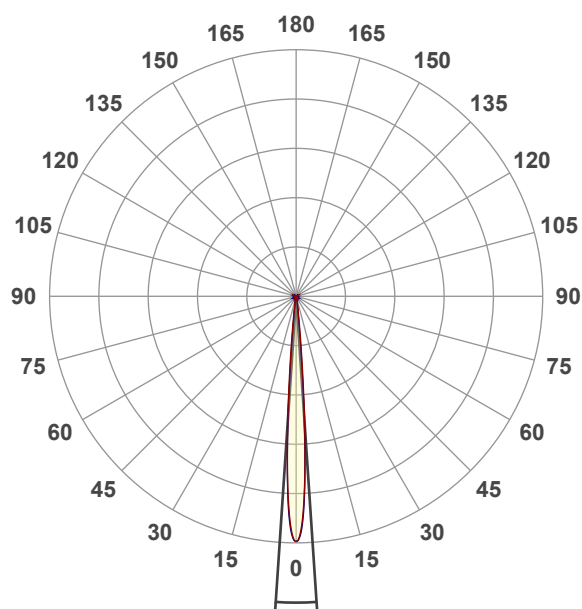
Blue

Operator:

Salvatore Giglio

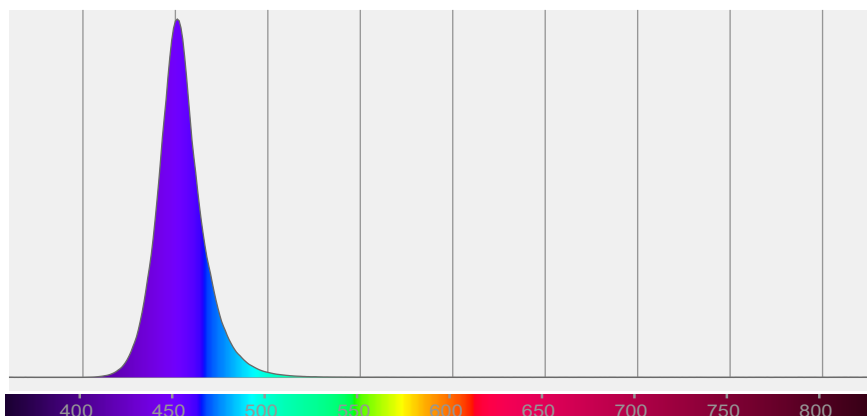
Date and time:

24/06/2025 18:13:22



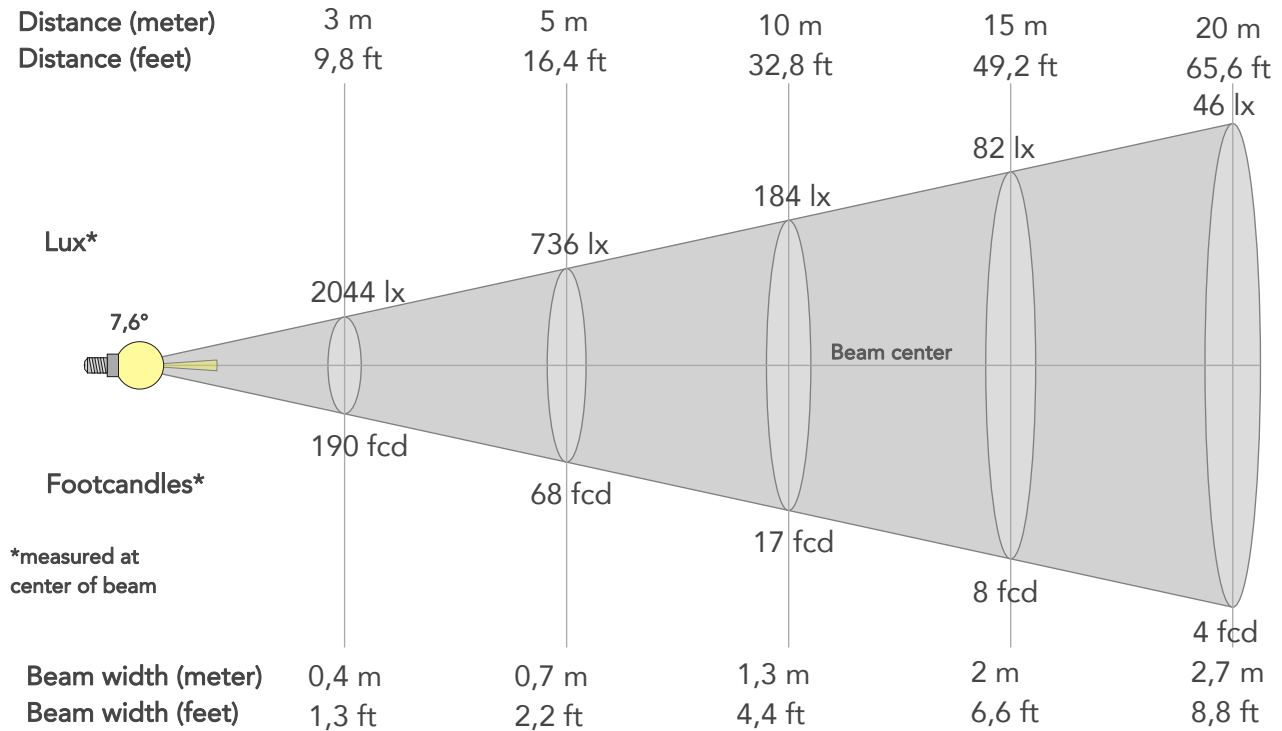
	Blue curve V	Red curve H
Beam angle 50%:	7,5°	7,8°
Field angle 10%:	12,1°	13,6°
Cut off angle 2.5%:	17,5°	21,1°

Spectra



BEAM DETAILS

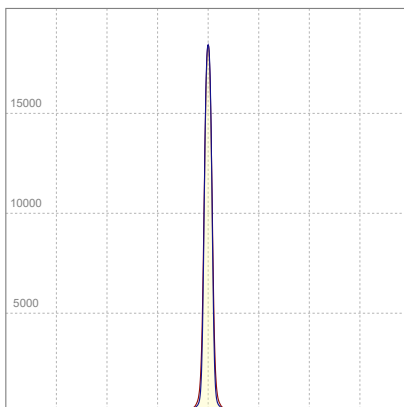
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
7,6°	12,8°	19,3°	79,8%	73,5%



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	18400lx	4600lx	2044lx	1150lx	736lx	327lx	184lx	82lx	46lx	29lx	20lx	11lx	7lx
Footcand.	1709fcd	427fcd	190fcd	107fcd	68fcd	30fcd	17fcd	8fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,1m	0,3m	0,4m	0,5m	0,7m	1m	1,3m	2m	2,7m	3,3m	4m	5,3m	6,7m
Beam wid.	0,4ft	0,9ft	1,3ft	1,7ft	2,2ft	3,3ft	4,4ft	6,6ft	8,8ft	11ft	13,1ft	17,5ft	21,9ft

LINEAR DISTRIBUTION DIAGRAM

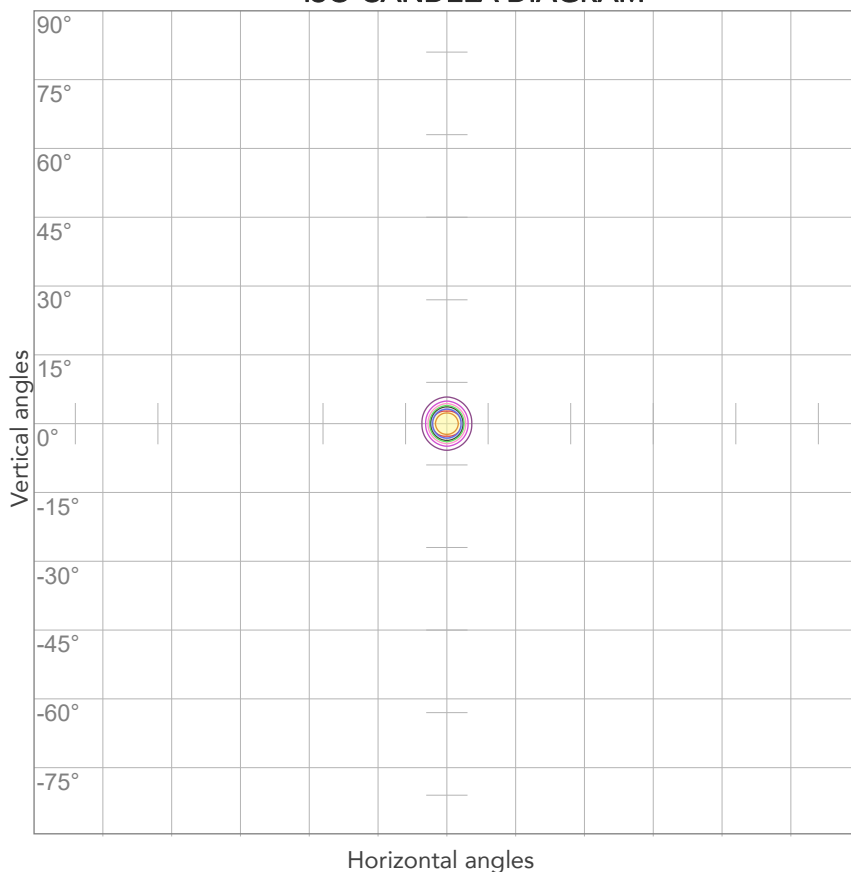


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,312A	49,8W	0,7	13lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



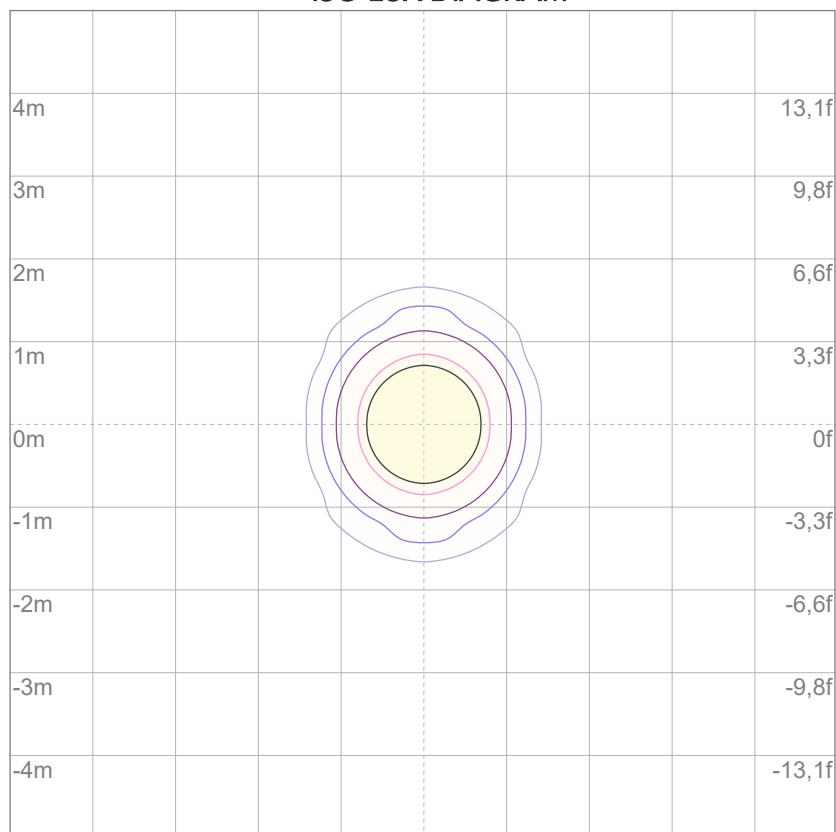
10%	1840 cd
20%	3680 cd
30%	5520 cd
40%	7360 cd
50%	9200 cd
60%	11040 cd
70%	12880 cd
80%	14720 cd

Conditions:

Number of c-planes: 4

Candela at center: 18400 cd

ISO LUX DIAGRAM



3%	5,52 lx
5%	9,20 lx
10%	18,4 lx
30%	55,2 lx
50%	92,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 184 lx

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



Total lumen output:

713 lm

Peak candela output:

15432 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 8 Deg Filter

Target:

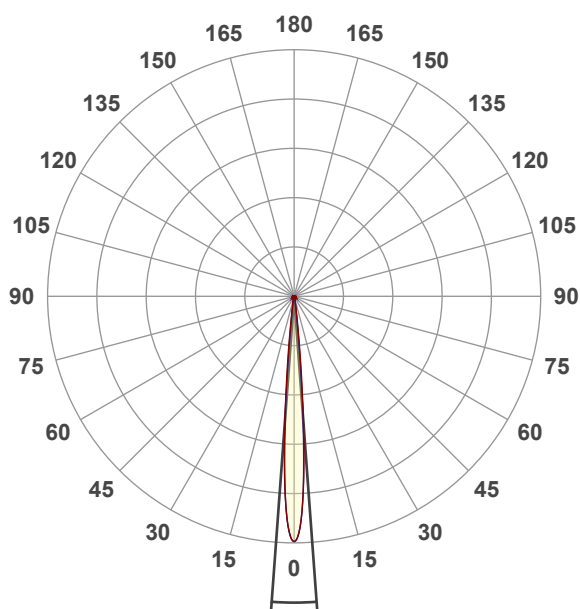
Blue

Operator:

Salvatore Giglio

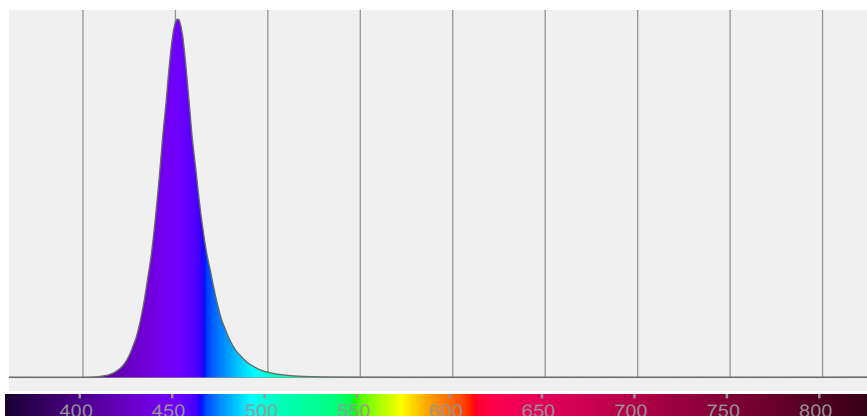
Date and time:

24/06/2025 18:39:22



	Blue curve V	Red curve H
Beam angle 50%:	8,2°	8,6°
Field angle 10%:	13,4°	14,7°
Cut off angle 2.5%:	19,1°	21,8°

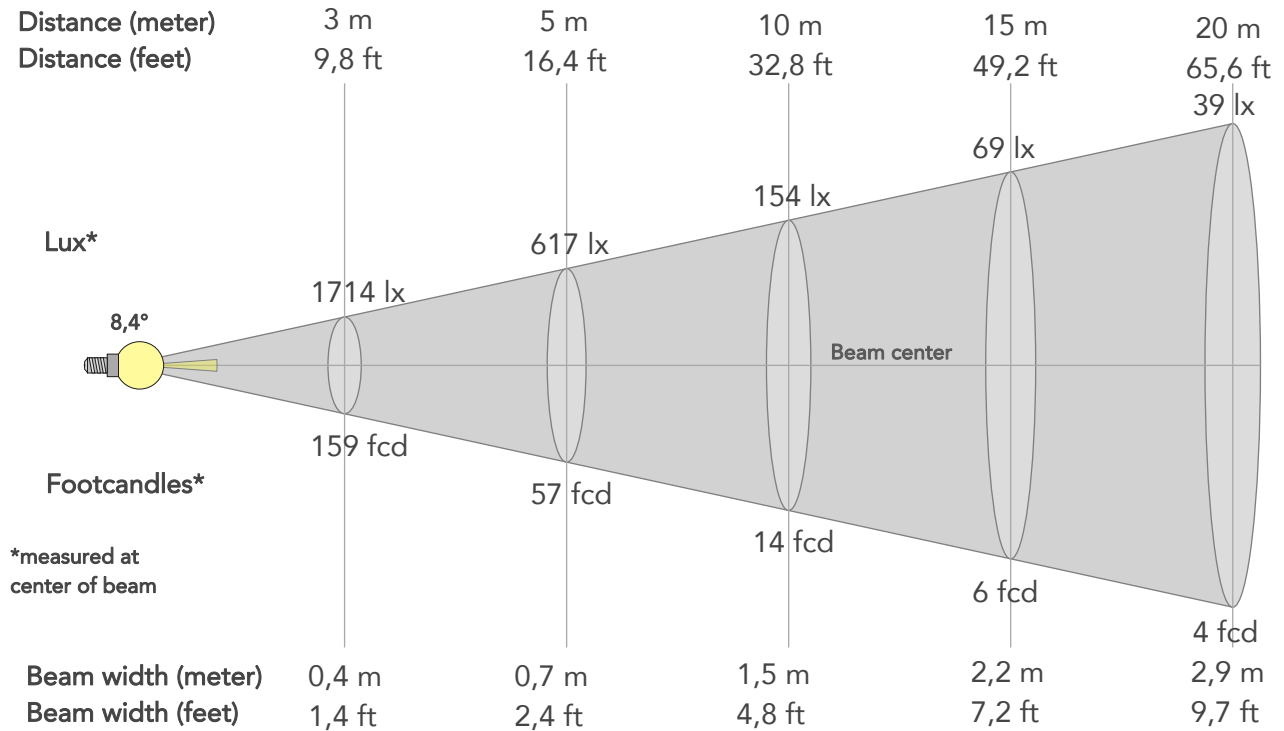
Spectra



BEAM DETAILS



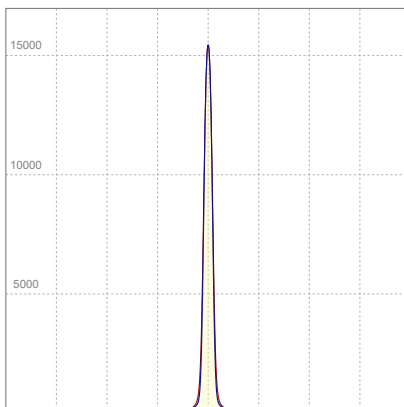
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
8,4°	14,1°	20,5°	77,9%	69,6%



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	15427lx	3857lx	1714lx	964lx	617lx	274lx	154lx	69lx	39lx	25lx	17lx	10lx	6lx
Footcand.	1433fcd	358fcd	159fcd	90fcd	57fcd	25fcd	14fcd	6fcd	4fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,1m	0,3m	0,4m	0,6m	0,7m	1,1m	1,5m	2,2m	2,9m	3,7m	4,4m	5,9m	7,4m
Beam wid.	0,5ft	1ft	1,4ft	1,9ft	2,4ft	3,6ft	4,8ft	7,2ft	9,7ft	12,1ft	14,5ft	19,3ft	24,1ft

LINEAR DISTRIBUTION DIAGRAM

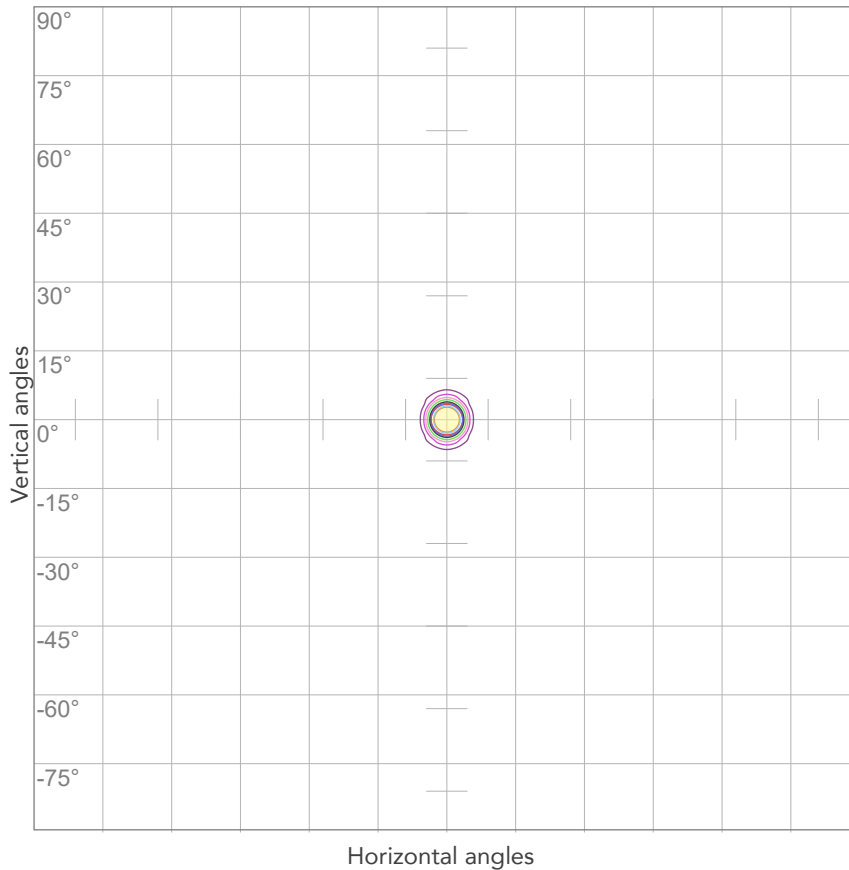


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,306A	49,3W	0,71	14lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



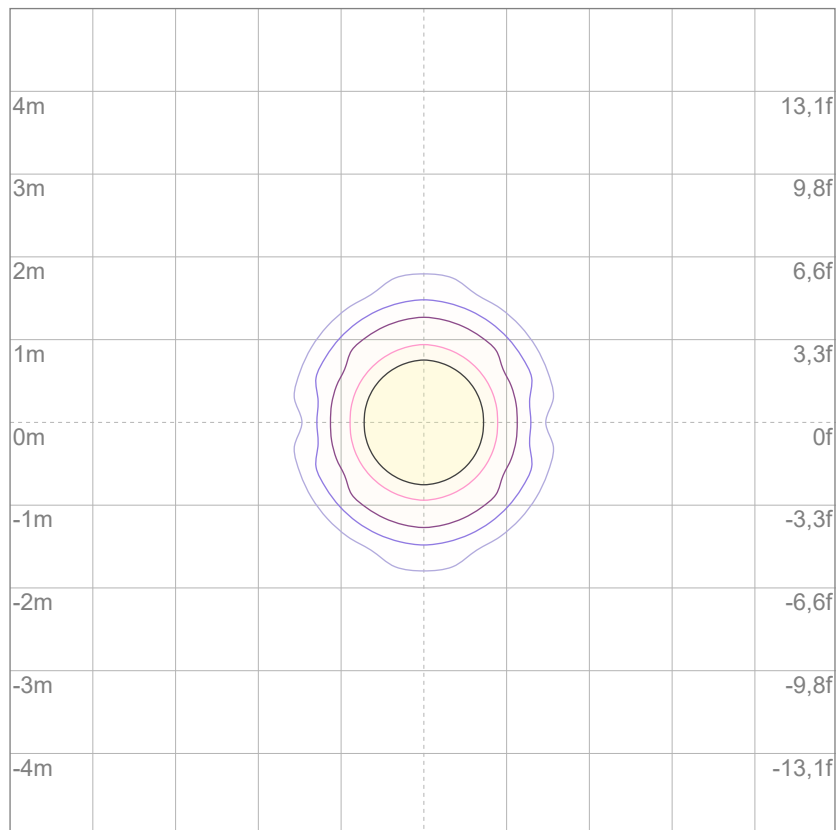
10%	1543 cd
20%	3085 cd
30%	4628 cd
40%	6171 cd
50%	7714 cd
60%	9256 cd
70%	10799 cd
80%	12342 cd

Conditions:

Number of c-planes: 4

Candela at center: 15427 cd

ISO LUX DIAGRAM



3%	4,63 lx
5%	7,71 lx
10%	15,4 lx
30%	46,3 lx
50%	77,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 154 lx

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



Total lumen output:

6550 lm

Peak candela output:

1148482 cd

PRODUCT NAME:

ArcPod300FCLT

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic

Target:

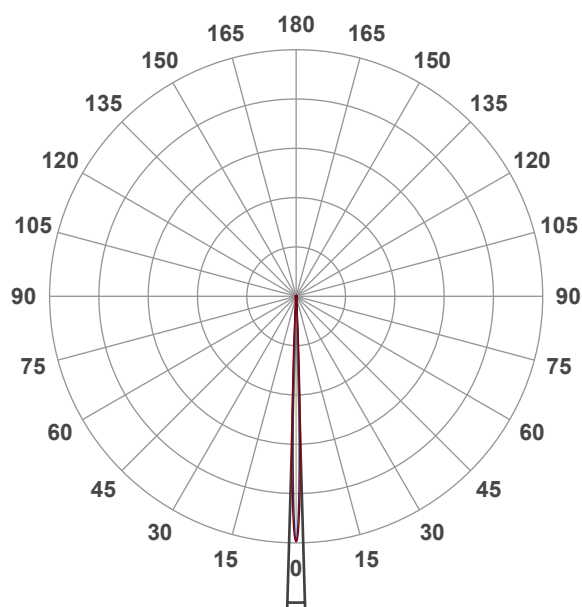
White

Operator:

Salvatore Giglio

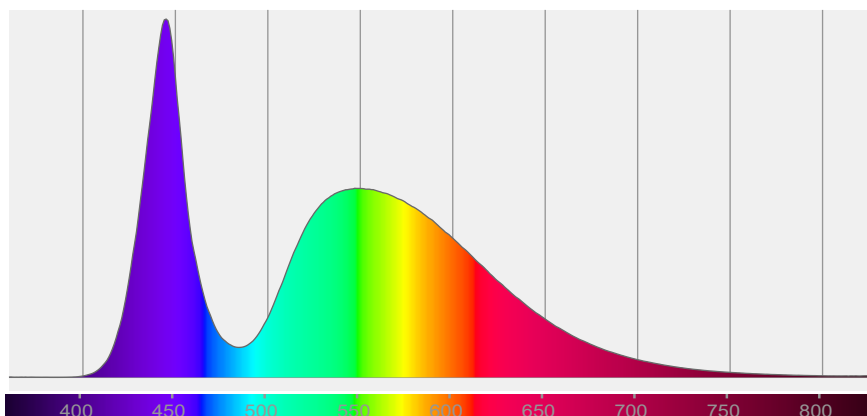
Date and time:

24/06/2025 16:43:23



	Blue curve V	Red curve H
Beam angle 50%:	2,6°	3,8°
Field angle 10%:	5,2°	6,7°
Cut off angle 2.5%:	7,2°	8,8°

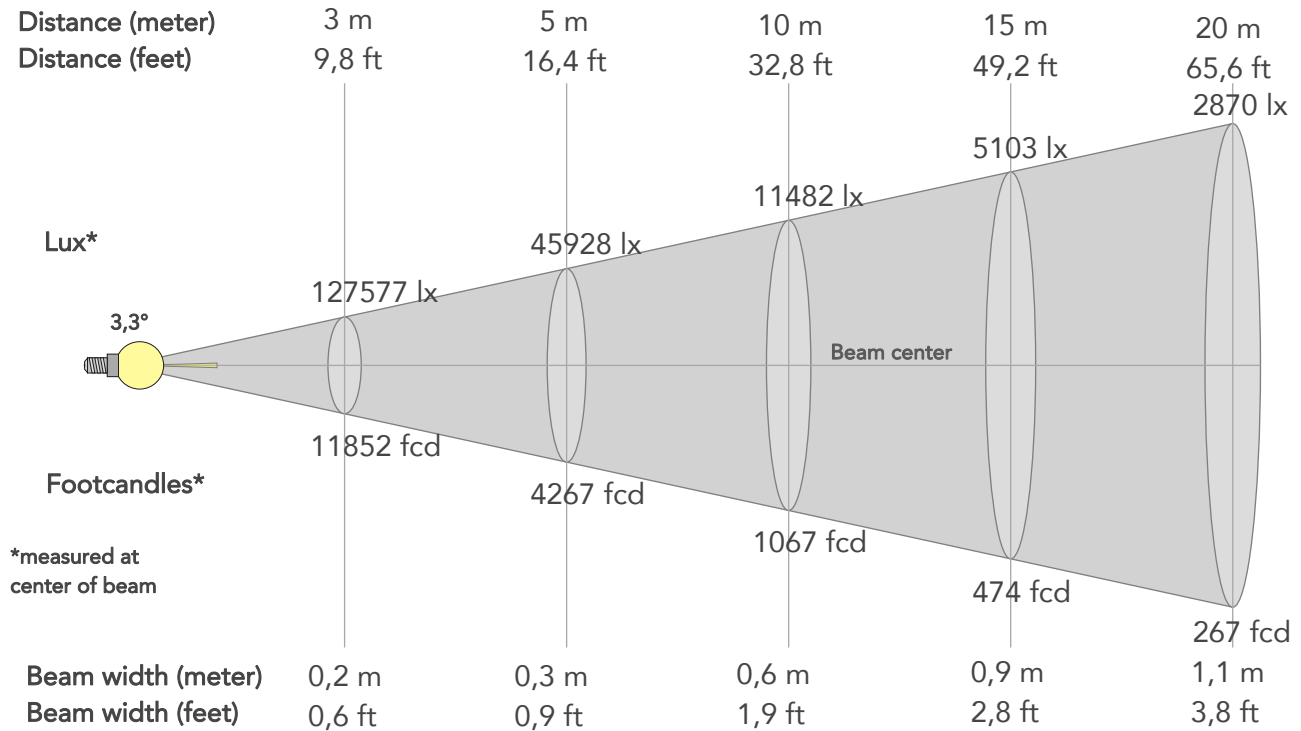
Spectra



BEAM DETAILS



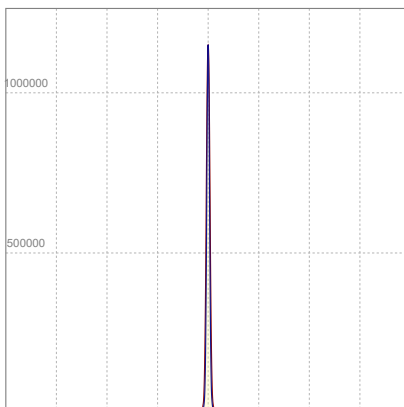
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3,3°	6°	8°	93,4%	89,5%



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	1148190lx	287047lx	127577lx	71762lx	45928lx	20412lx	11482lx	5103lx	2870lx	1837lx	1276lx	718lx	459lx
Footcand.	106670fcd	26668fcd	11852fcd	6667fcd	4267fcd	1896fcd	1067fcd	474fcd	267fcd	171fcd	119fcd	67fcd	43fcd
Beam wid.	0,1m	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,9m	1,1m	1,4m	1,7m	2,3m	2,9m
Beam wid.	0,2ft	0,4ft	0,6ft	0,8ft	0,9ft	1,4ft	1,9ft	2,8ft	3,8ft	4,7ft	5,6ft	7,5ft	9,4ft

LINEAR DISTRIBUTION DIAGRAM

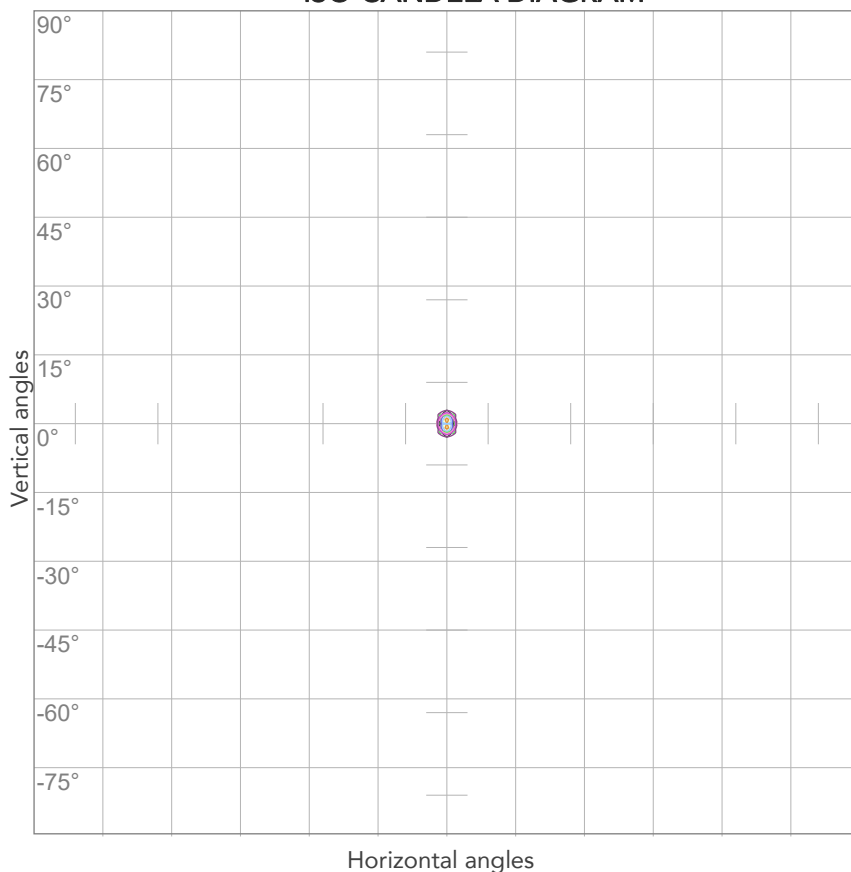


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,516A	103,4W	0,88	63lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



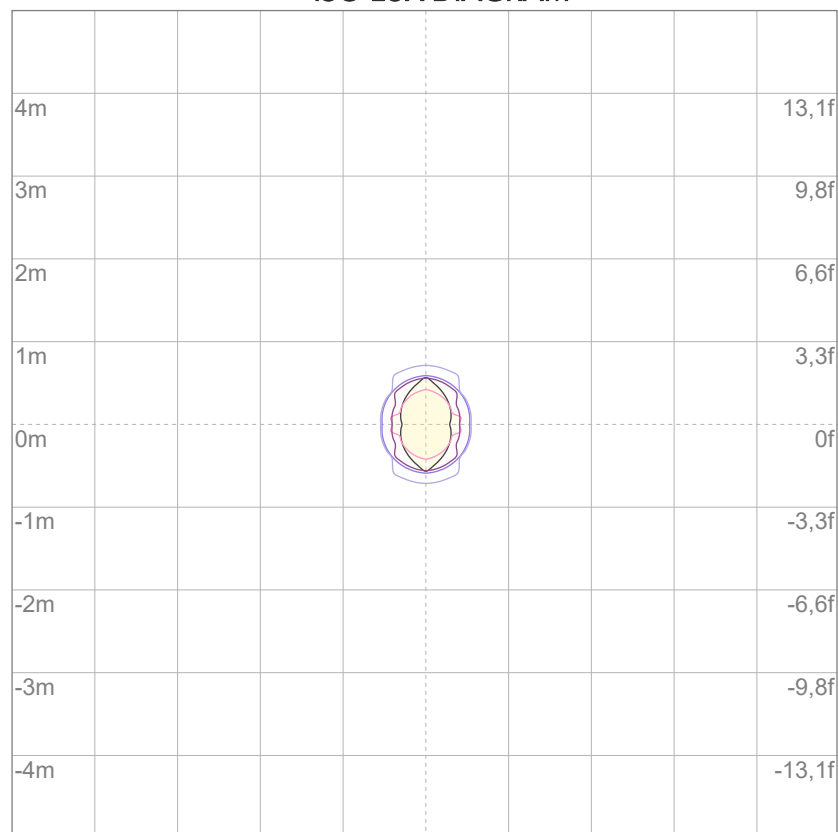
10%	114819 cd
20%	229638 cd
30%	344457 cd
40%	459276 cd
50%	574095 cd
60%	688914 cd
70%	803733 cd
80%	918552 cd

Conditions:

Number of c-planes: 4

Candela at center: 1148190 cd

ISO LUX DIAGRAM



3%	344 lx
5%	574 lx
10%	1148 lx
30%	3445 lx
50%	5741 lx

Conditions:

Number of c-planes: 4

Lux at center: 11,5K lx

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



Total lumen output:

5468 lm

Peak candela output:

653449 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 3 Deg Filter

Target:

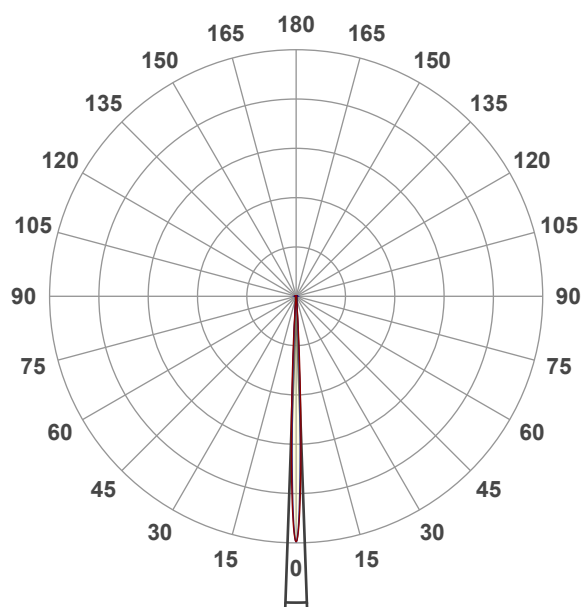
White

Operator:

Salvatore Giglio

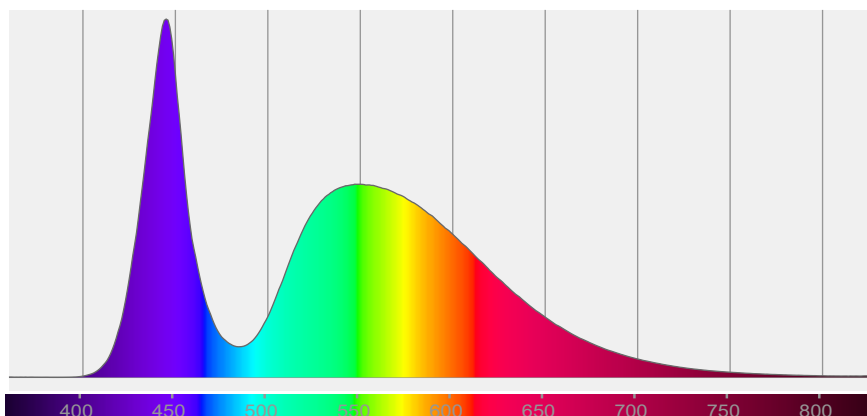
Date and time:

24/06/2025 15:04:56



	Blue curve V	Red curve H
Beam angle 50%:	3,7°	4,3°
Field angle 10%:	7,1°	8°
Cut off angle 2.5%:	10,5°	10,8°

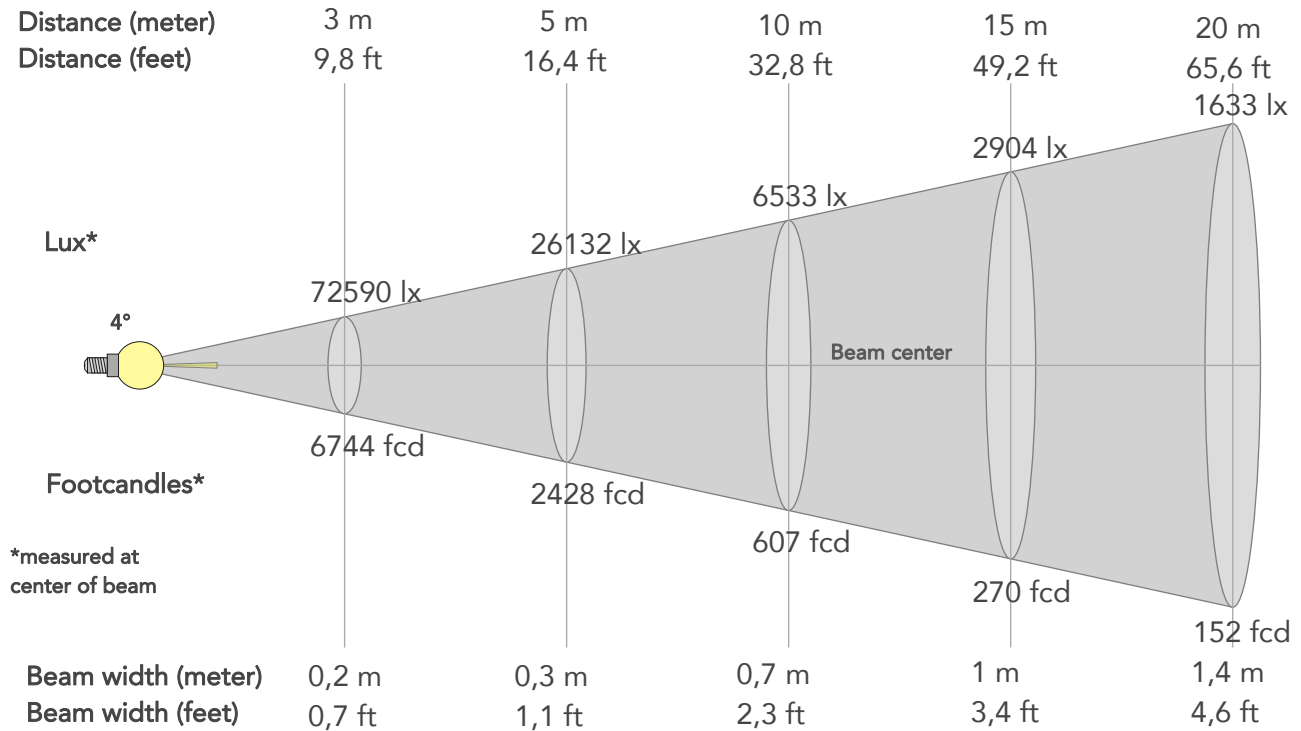
Spectra



BEAM DETAILS



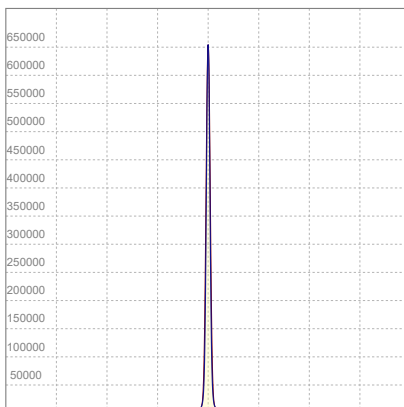
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4°	7,5°	10,7°	97,9%	95,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	653310lx	163327lx	72590lx	40832lx	26132lx	11614lx	6533lx	2904lx	1633lx	1045lx	726lx	408lx	261lx
Footcand.	60694fcd	15174fcd	6744fcd	3793fcd	2428fcd	1079fcd	607fcd	270fcd	152fcd	97fcd	67fcd	38fcd	24fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,3m	0,5m	0,7m	1m	1,4m	1,7m	2,1m	2,8m	3,5m
Beam wid.	0,2ft	0,5ft	0,7ft	0,9ft	1,1ft	1,7ft	2,3ft	3,4ft	4,6ft	5,7ft	6,9ft	9,2ft	11,5ft

LINEAR DISTRIBUTION DIAGRAM

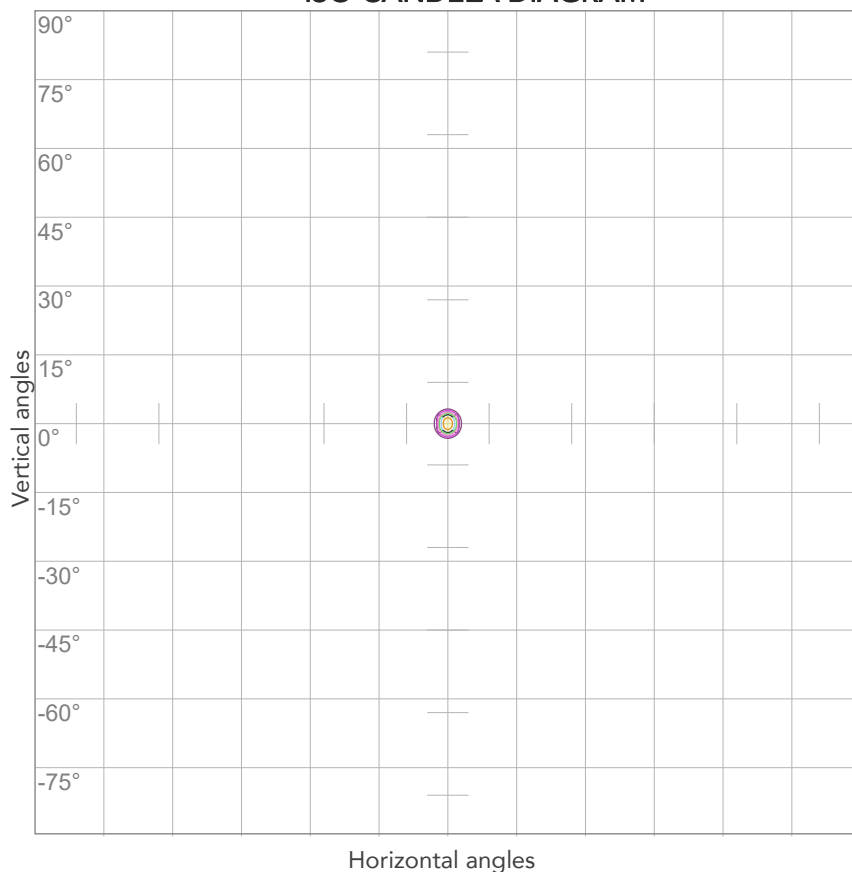


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,513A	102,7W	0,88	53lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



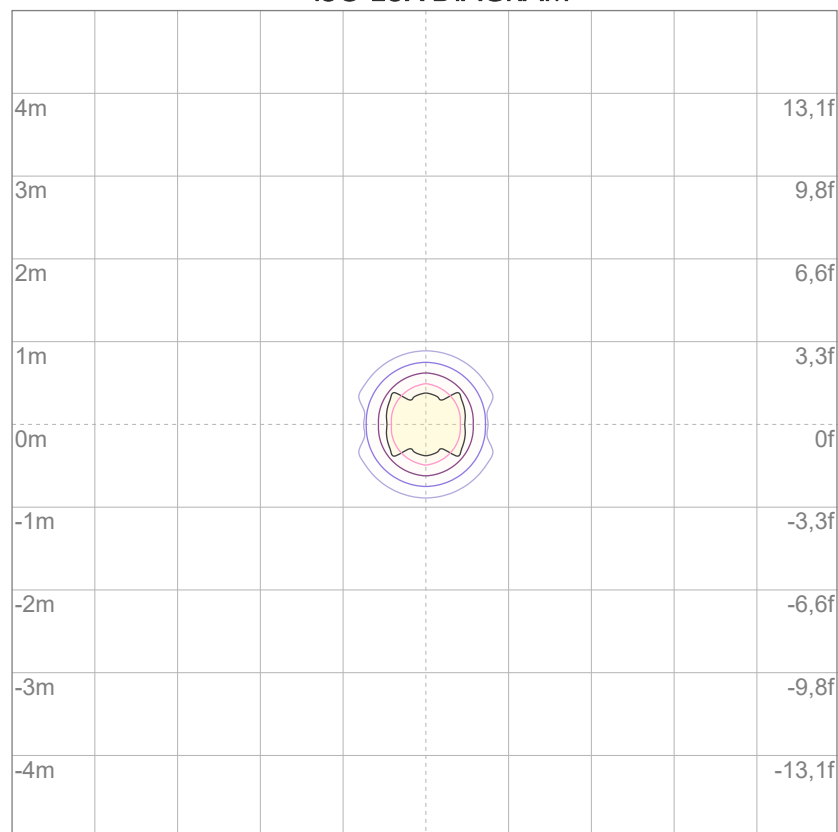
10%	65331 cd
20%	130662 cd
30%	195993 cd
40%	261324 cd
50%	326655 cd
60%	391986 cd
70%	457317 cd
80%	522648 cd

Conditions:

Number of c-planes: 4

Candela at center: 653310 cd

ISO LUX DIAGRAM



3%	196 lx
5%	327 lx
10%	653 lx
30%	1960 lx
50%	3267 lx

Conditions:

Number of c-planes: 4

Lux at center: 6533 lx

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



Total lumen output:

5523 lm

Peak candela output:

218786 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 5 Deg Filter

Target:

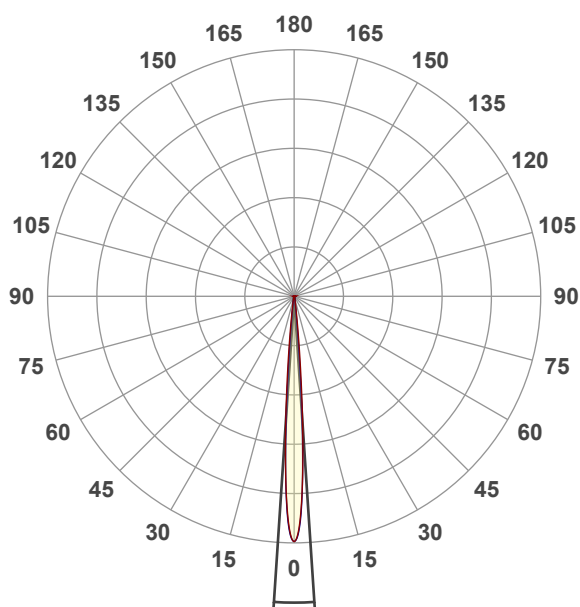
White

Operator:

Salvatore Giglio

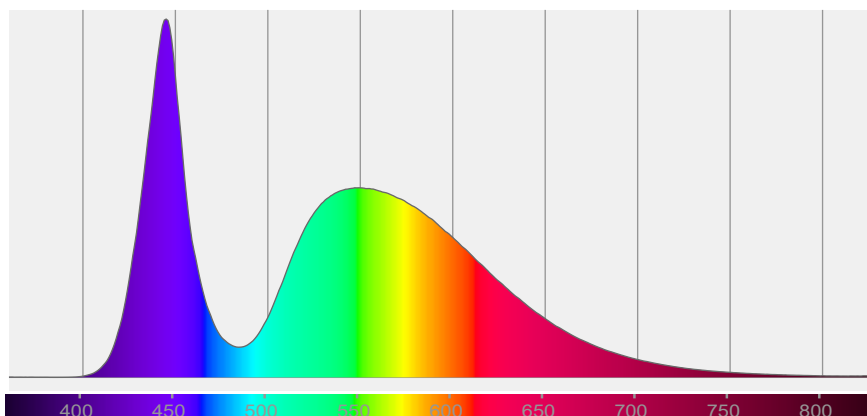
Date and time:

24/06/2025 18:17:45



	Blue curve V	Red curve H
Beam angle 50%:	7,3°	7,8°
Field angle 10%:	12,1°	13,9°
Cut off angle 2.5%:	17°	21°

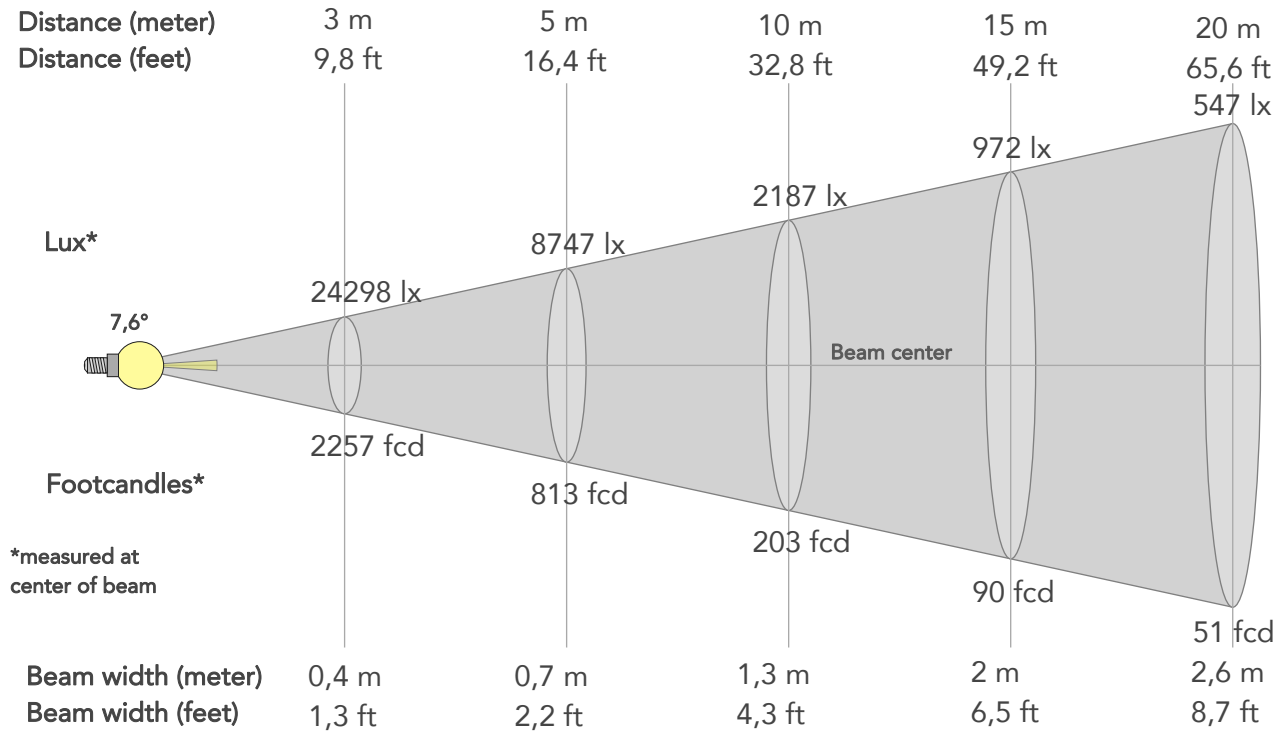
Spectra



BEAM DETAILS



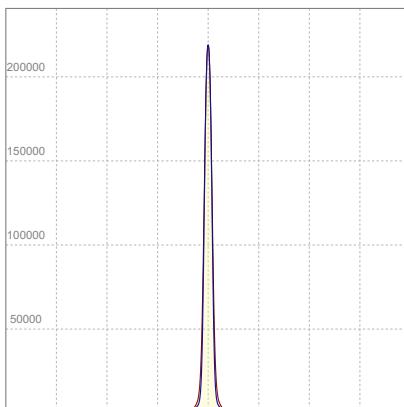
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
7,6°	13°	19°	97,3%	94,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	218682lx	54671lx	24298lx	13668lx	8747lx	3888lx	2187lx	972lx	547lx	350lx	243lx	137lx	87lx
Footcand.	20316fcd	5079fcd	2257fcd	1270fcd	813fcd	361fcd	203fcd	90fcd	51fcd	33fcd	23fcd	13fcd	8fcd
Beam wid.	0,1m	0,3m	0,4m	0,5m	0,7m	1m	1,3m	2m	2,6m	3,3m	4m	5,3m	6,6m
Beam wid.	0,4ft	0,9ft	1,3ft	1,7ft	2,2ft	3,3ft	4,3ft	6,5ft	8,7ft	10,8ft	13ft	17,4ft	21,7ft

LINEAR DISTRIBUTION DIAGRAM

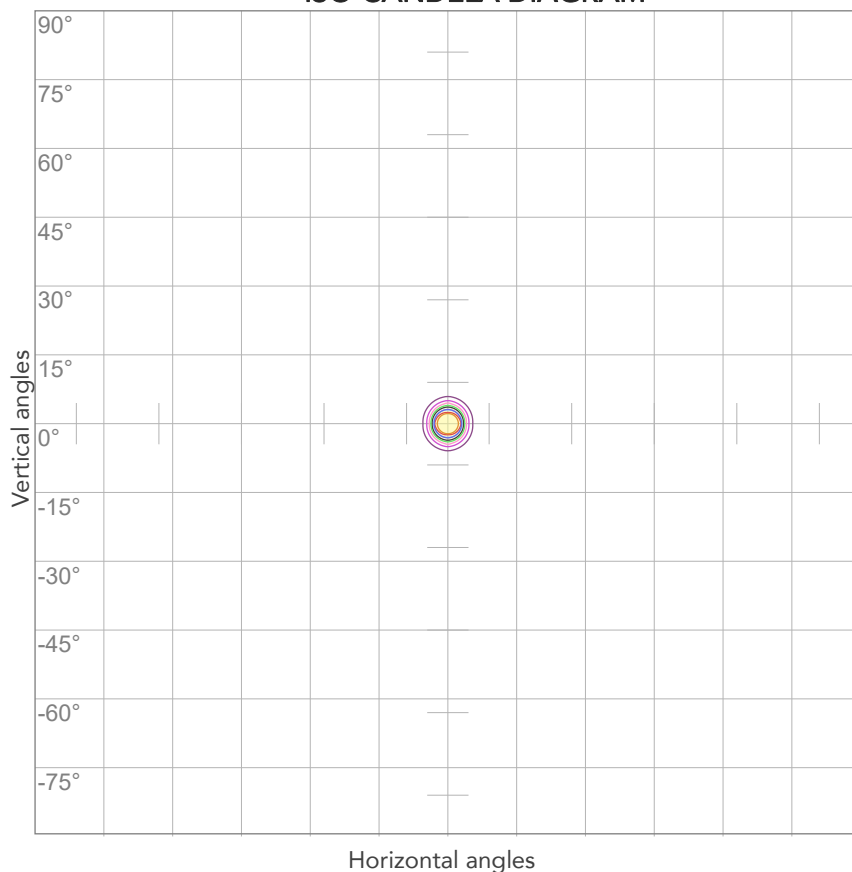


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,514A	102,9W	0,88	54lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



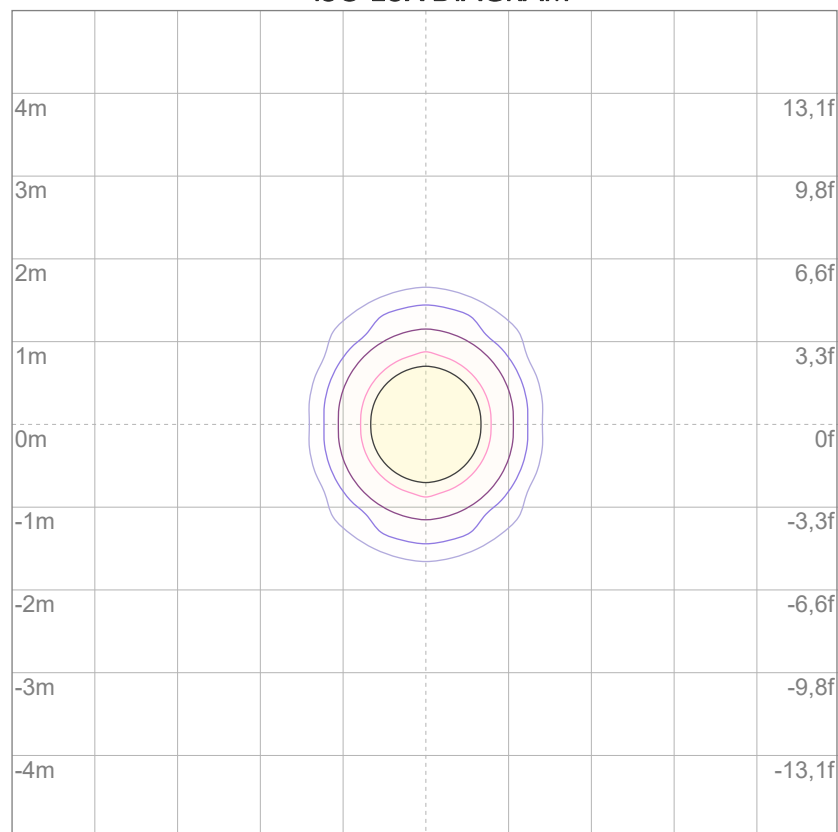
10%	21868 cd
20%	43736 cd
30%	65605 cd
40%	87473 cd
50%	109341 cd
60%	131209 cd
70%	153078 cd
80%	174946 cd

Conditions:

Number of c-planes: 4

Candela at center: 218682 cd

ISO LUX DIAGRAM



3%	65,6 lx
5%	109 lx
10%	219 lx
30%	656 lx
50%	1093 lx

Conditions:

Number of c-planes: 4

Lux at center: 2187 lx

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



Total lumen output:

5336 lm

Peak candela output:

188240 cd

PRODUCT NAME:

ArcPod300FCLT

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + 8 Deg Filter

Target:

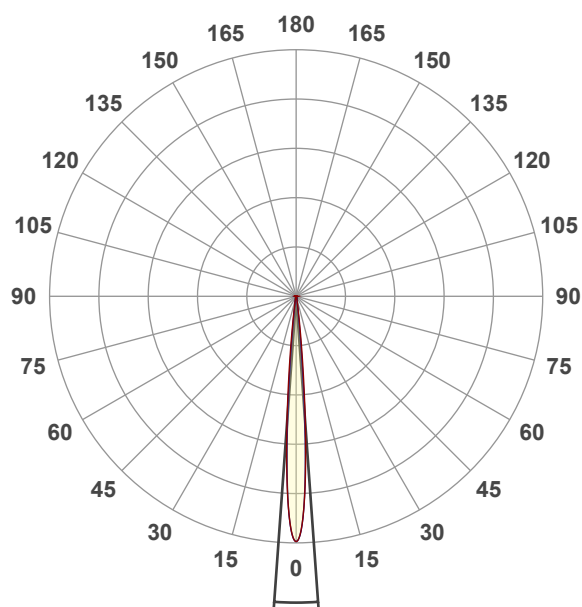
White

Operator:

Salvatore Giglio

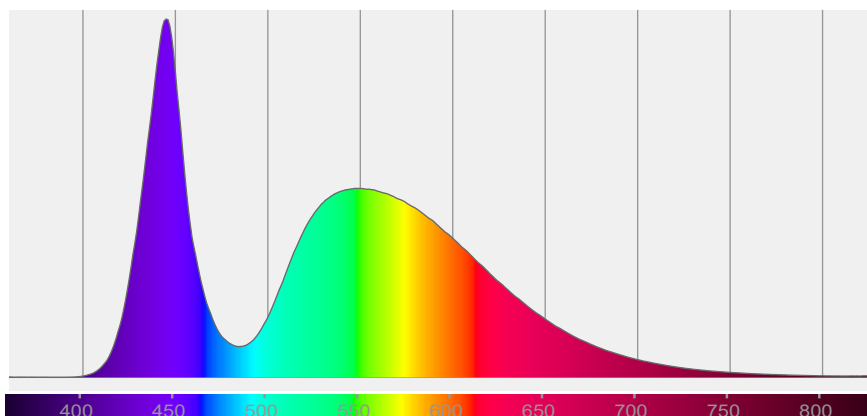
Date and time:

24/06/2025 18:43:16



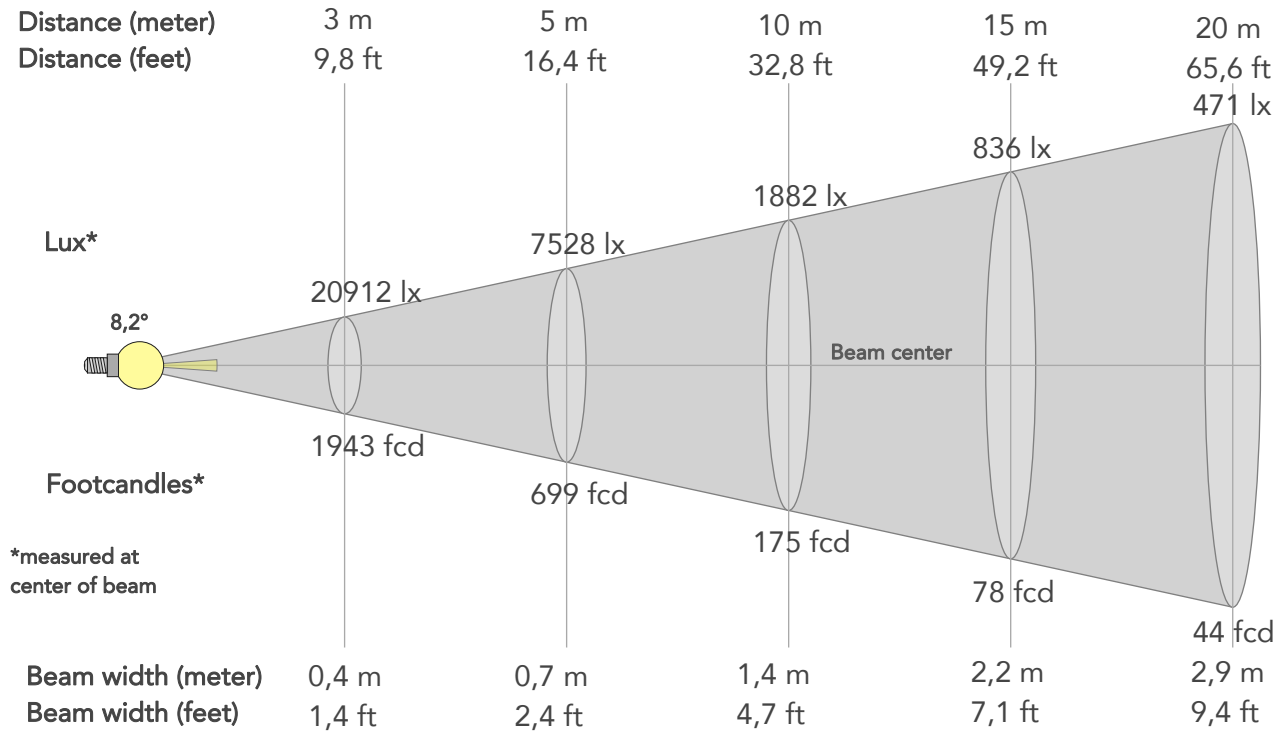
	Blue curve V	Red curve H
Beam angle 50%:	7,9°	8,5°
Field angle 10%:	13,1°	14,7°
Cut off angle 2.5%:	18,1°	21,3°

Spectra



BEAM DETAILS

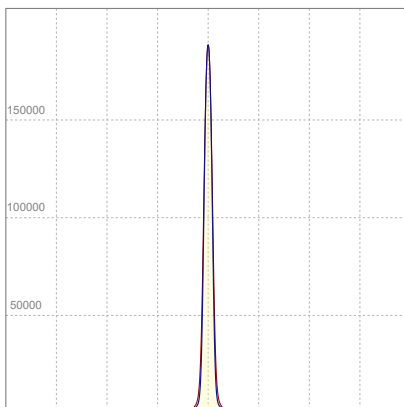
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
8,2°	13,9°	19,7°	98,0%	95,5%



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	188212lx	47053lx	20912lx	11763lx	7528lx	3346lx	1882lx	836lx	471lx	301lx	209lx	118lx	75lx
Footcand.	17485fcd	4371fcd	1943fcd	1093fcd	699fcd	311fcd	175fcd	78fcd	44fcd	28fcd	19fcd	11fcd	7fcd
Beam wid.	0,1m	0,3m	0,4m	0,6m	0,7m	1,1m	1,4m	2,2m	2,9m	3,6m	4,3m	5,7m	7,2m
Beam wid.	0,5ft	0,9ft	1,4ft	1,9ft	2,4ft	3,5ft	4,7ft	7,1ft	9,4ft	11,8ft	14,1ft	18,8ft	23,5ft

LINEAR DISTRIBUTION DIAGRAM

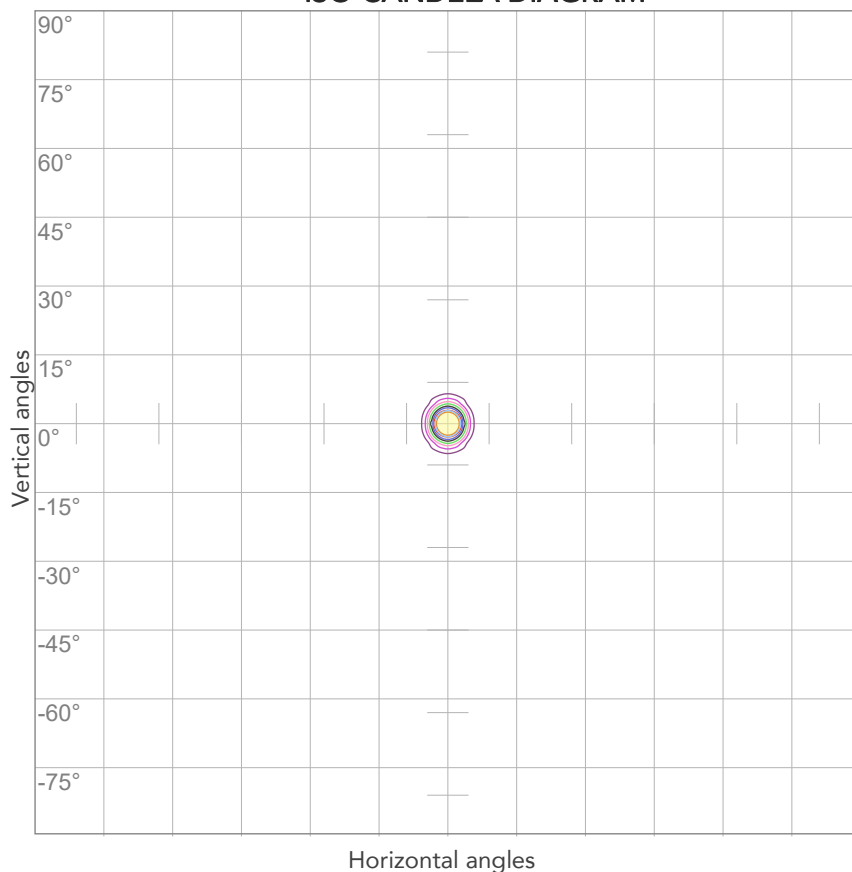


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,511A	102W	0,88	52lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



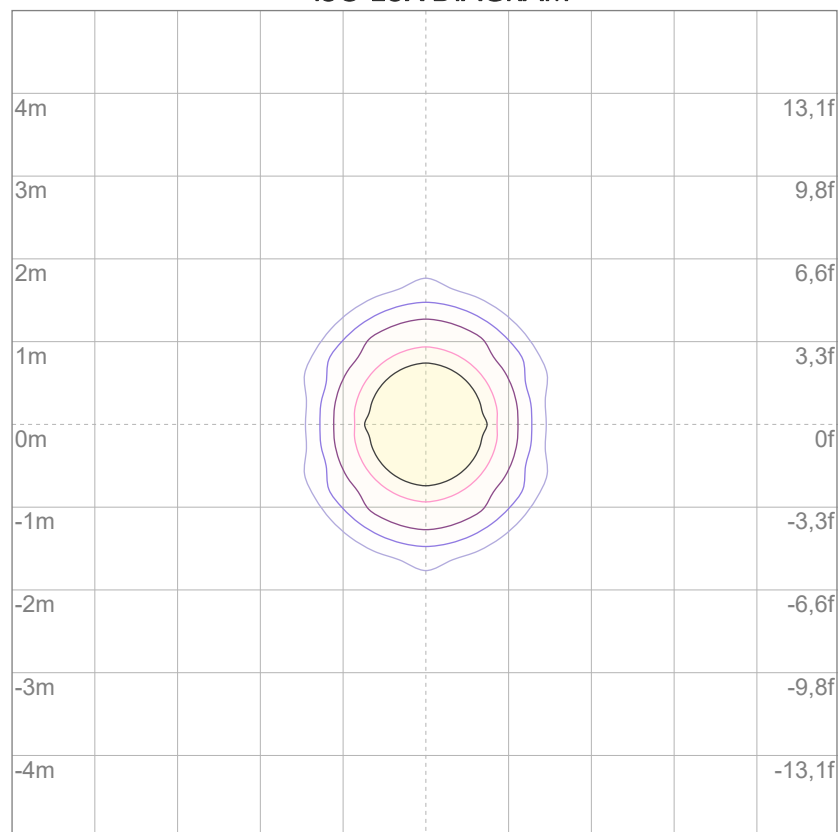
10%	18821 cd
20%	37642 cd
30%	56464 cd
40%	75285 cd
50%	94106 cd
60%	112927 cd
70%	131749 cd
80%	150570 cd

Conditions:

Number of c-planes: 4

Candela at center: 188212 cd

ISO LUX DIAGRAM



3%	56,5 lx
5%	94,1 lx
10%	188 lx
30%	565 lx
50%	941 lx

Conditions:

Number of c-planes: 4

Lux at center: 1882 lx

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