

Photometric Test Report



ARCPD15Q

15 x 10 W RGBW / FC outdoor IP66 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:

4552 lm

Peak candela output:

77977 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

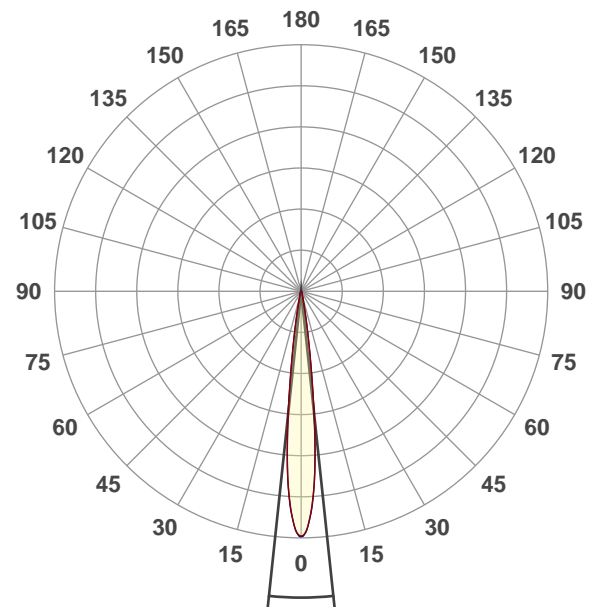
Full on

Operator:

Paolo Carvone

Date and time:

17/03/2020 15:55:16

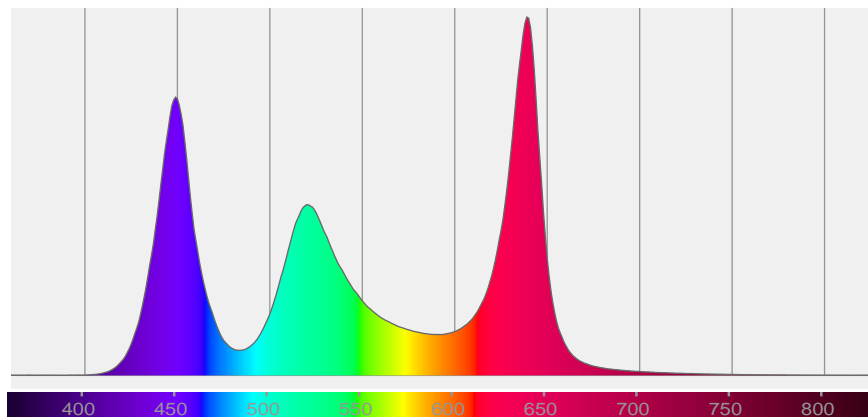


Beam angle 50%: 12,1°

Field angle 10%: 20,7°

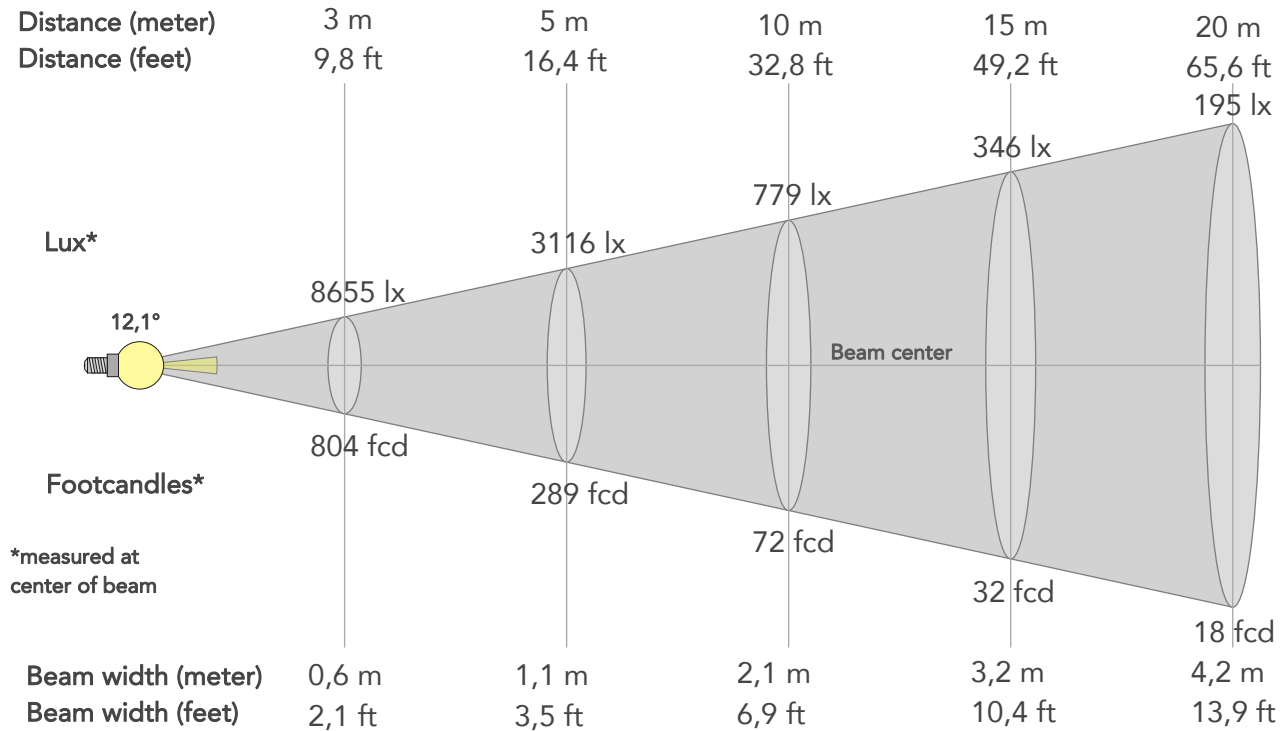
Cut off angle 2.5%: 29,6°

Spectra



BEAM DETAILS

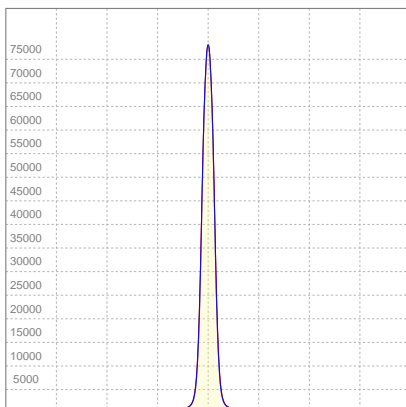
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,1°	20,7°	29,6°	99,7%	98,0%



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	77894lx	19474lx	8655lx	4868lx	3116lx	1385lx	779lx	346lx	195lx	125lx	87lx	49lx	31lx
Footcand.	7237fcd	1809fcd	804fcd	452fcd	289fcd	129fcd	72fcd	32fcd	18fcd	12fcd	8fcd	5fcd	3fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1,1m	1,6m	2,1m	3,2m	4,2m	5,3m	6,3m	8,5m	10,6m
Beam wid.	0,7ft	1,4ft	2,1ft	2,8ft	3,5ft	5,2ft	6,9ft	10,4ft	13,9ft	17,3ft	20,8ft	27,7ft	34,7ft

LINEAR DISTRIBUTION DIAGRAM



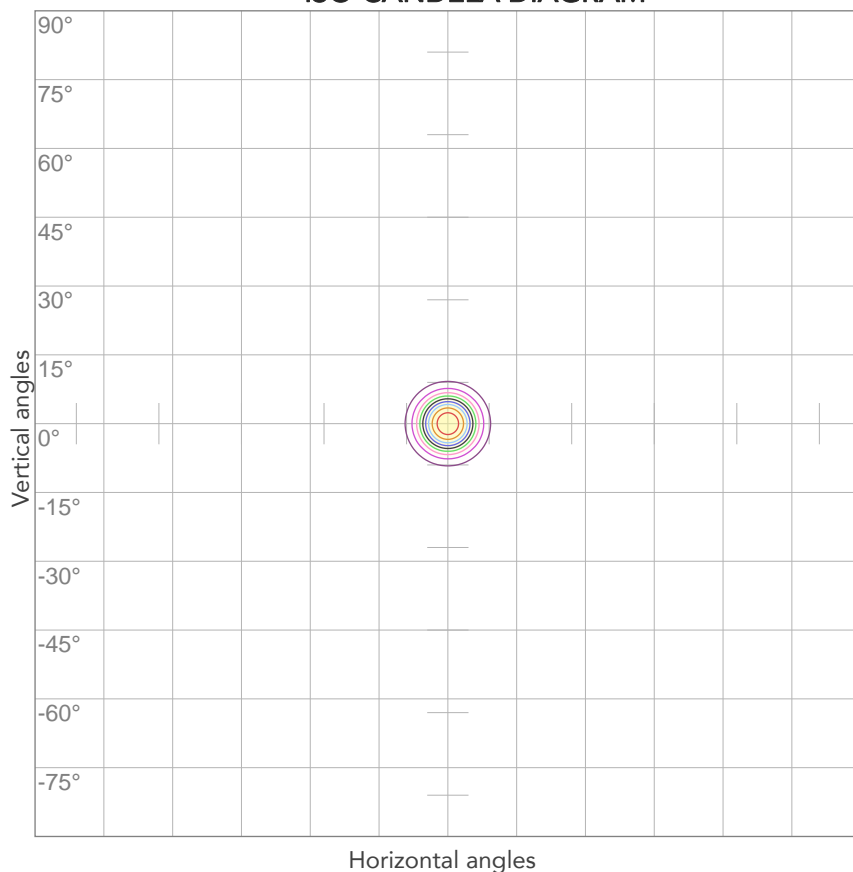
ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,532A	116,7W	39lm/W

Power FC
0,97

ISO DIAGRAMS

ISO CANDELA DIAGRAM



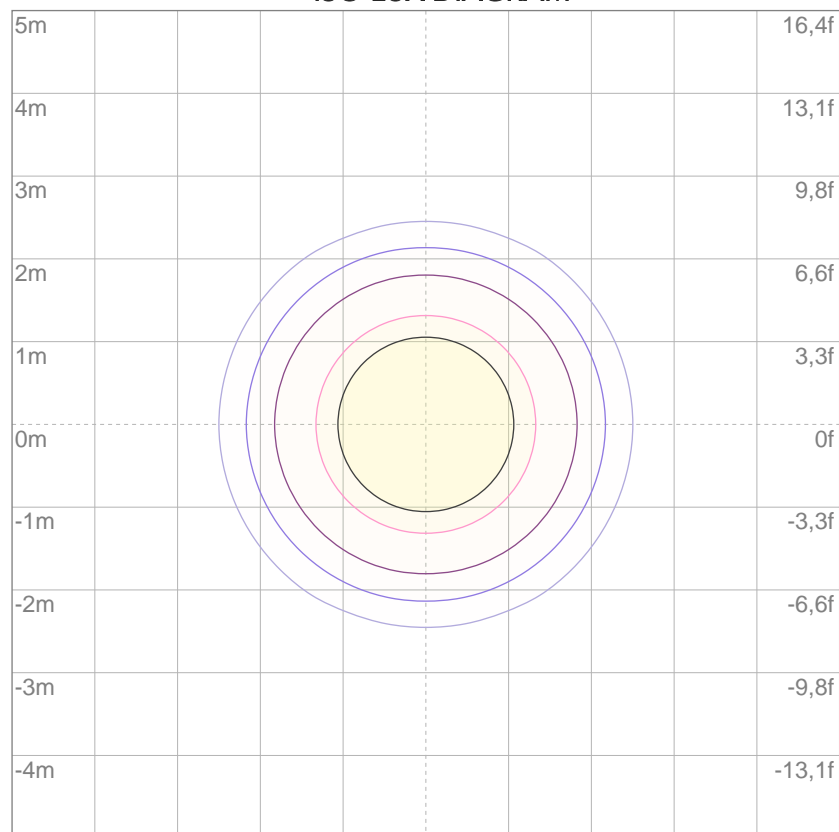
10%	7789 cd
20%	15579 cd
30%	23368 cd
40%	31158 cd
50%	38947 cd
60%	46737 cd
70%	54526 cd
80%	62316 cd

Conditions:

Number of c-planes: 4

Candela at center: 77894 cd

ISO LUX DIAGRAM



3%	23,4 lx
5%	38,9 lx
10%	77,9 lx
30%	234 lx
50%	389 lx

Conditions:

Number of c-planes: 4

Lux at center: 779 lx

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



Total lumen output:

4839 lm

Peak candela output:

9959 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

10°+F60x10

Target:

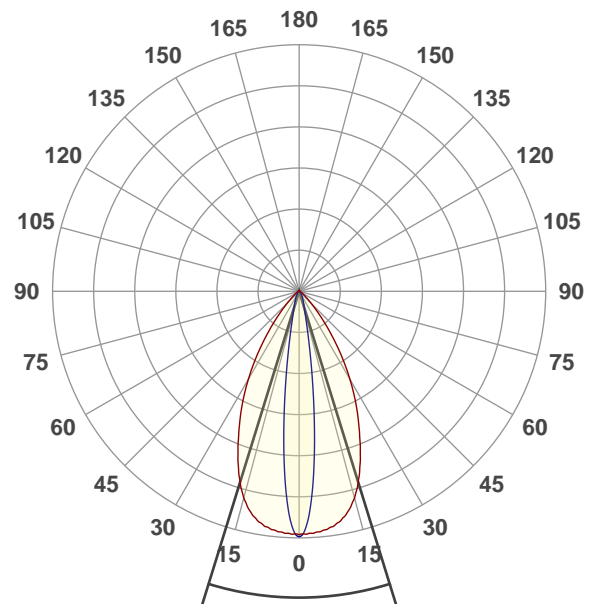
Full on

Operator:

Paolo Carvone

Date and time:

20/03/2020 15:51:12

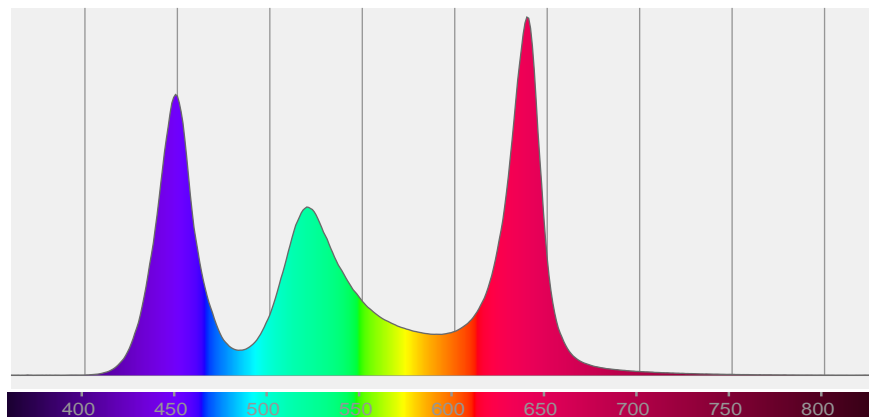


Beam angle 50%: 34,4°

Field angle 10%: 57,2°

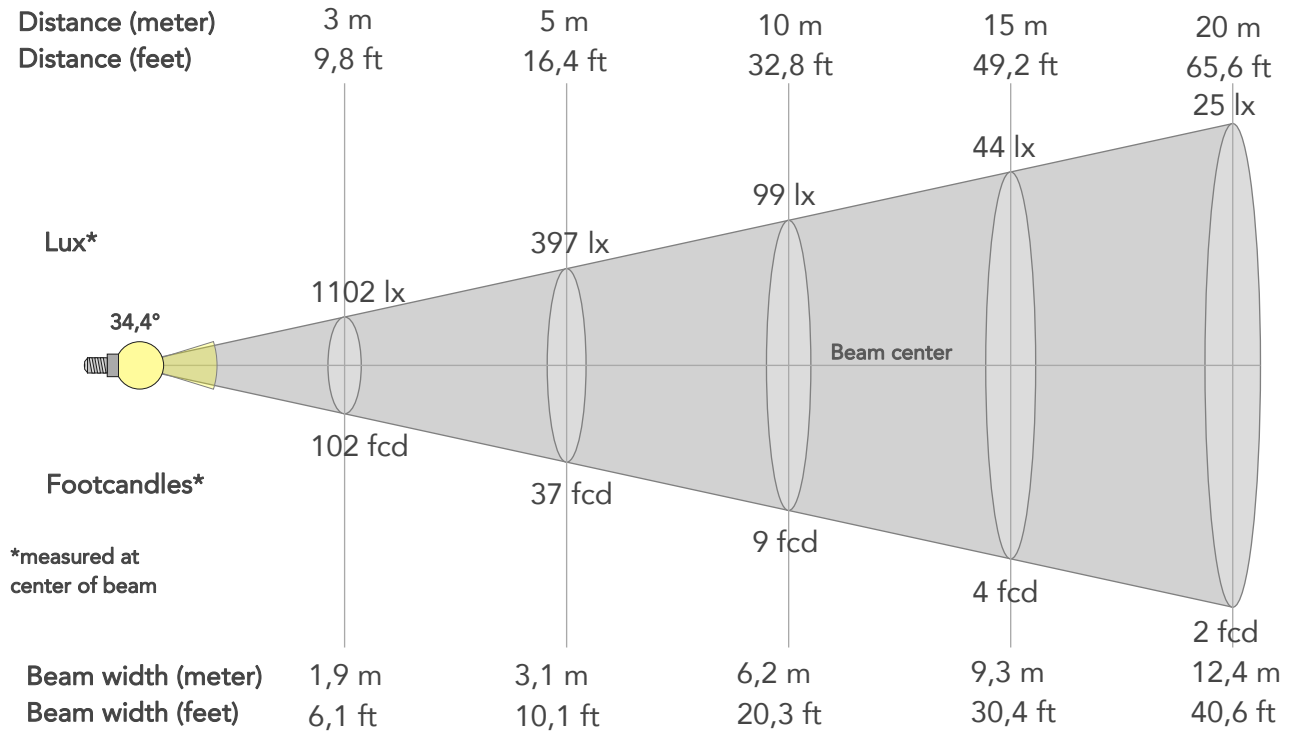
Cut off angle 2.5%: 82,6°

Spectra



BEAM DETAILS

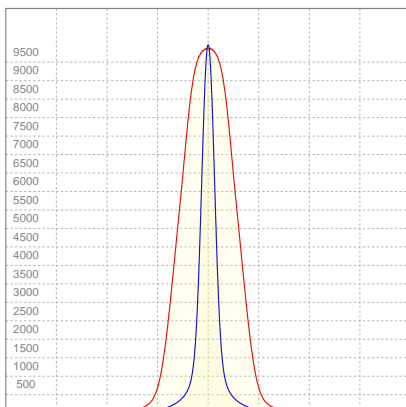
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
34,4°	57,2°	82,6°	98,3%	93,6%



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	9919lx	2480lx	1102lx	620lx	397lx	176lx	99lx	44lx	25lx	16lx	11lx	6lx	4lx
Footcand.	922fcd	230fcd	102fcd	58fcd	37fcd	16fcd	9fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,6m	1,2m	1,9m	2,5m	3,1m	4,6m	6,2m	9,3m	12,4m	15,5m	18,6m	24,8m	30,9m
Beam wid.	2ft	4,1ft	6,1ft	8,1ft	10,1ft	15,2ft	20,3ft	30,4ft	40,6ft	50,7ft	60,9ft	81,2ft	101,5ft

LINEAR DISTRIBUTION DIAGRAM

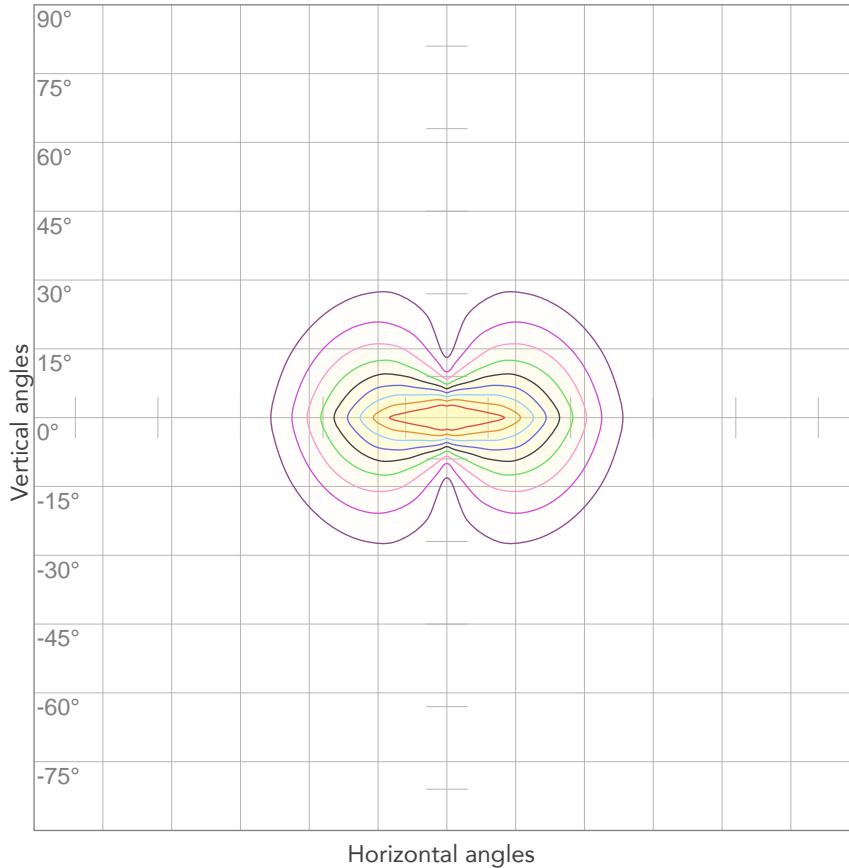


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,531A	116,8W	41lm/W
Power FC			
0,97			

ISO DIAGRAMS

ISO CANDELA DIAGRAM



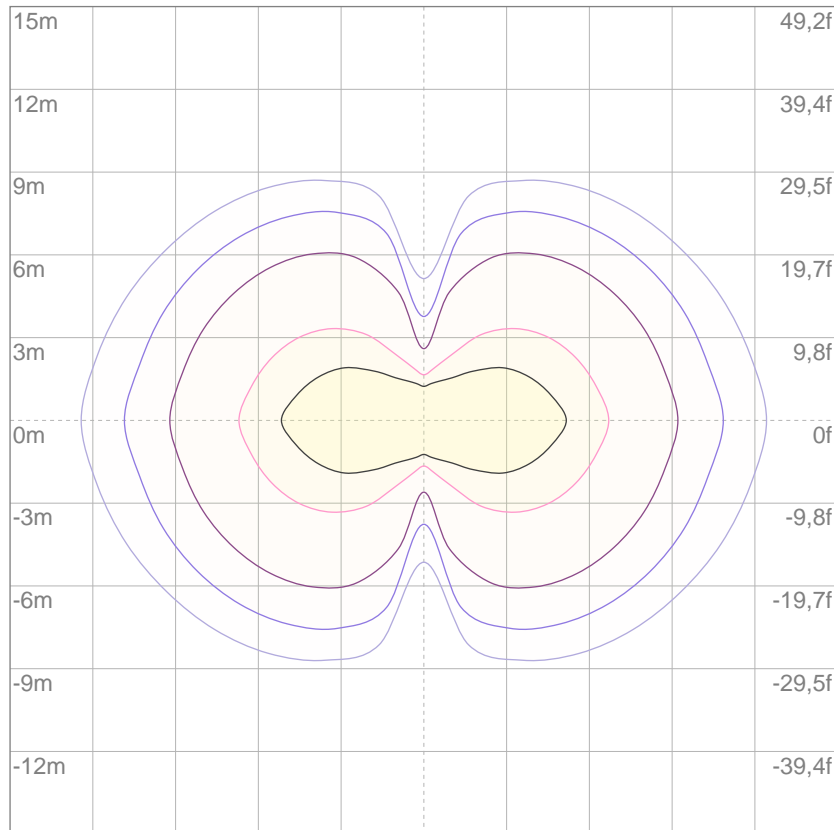
10%	992 cd
20%	1984 cd
30%	2976 cd
40%	3968 cd
50%	4960 cd
60%	5952 cd
70%	6944 cd
80%	7935 cd

Conditions:

Number of c-planes: 4

Candela at center: 9919 cd

ISO LUX DIAGRAM



3%	2,98 lx
5%	4,96 lx
10%	9,92 lx
30%	29,8 lx
50%	49,6 lx

Conditions:

Number of c-planes: 4

Lux at center: 99,2 lx

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



Total lumen output:

5678 lm

Peak candela output:

70438 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

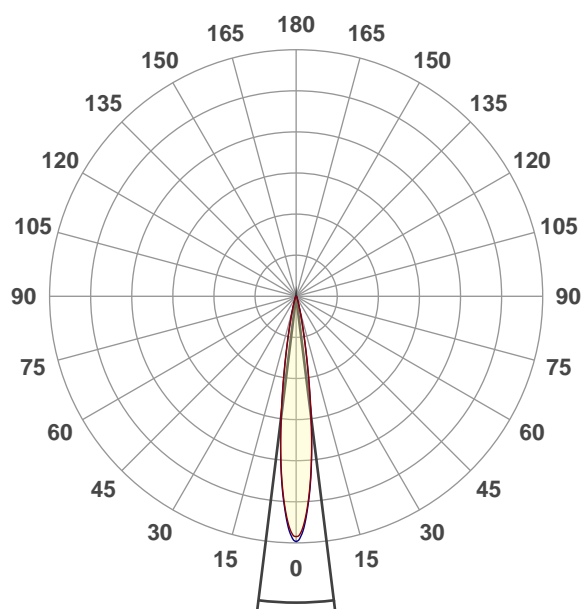
Full on

Operator:

Paolo Carvone

Date and time:

31/07/2020 12:20:07

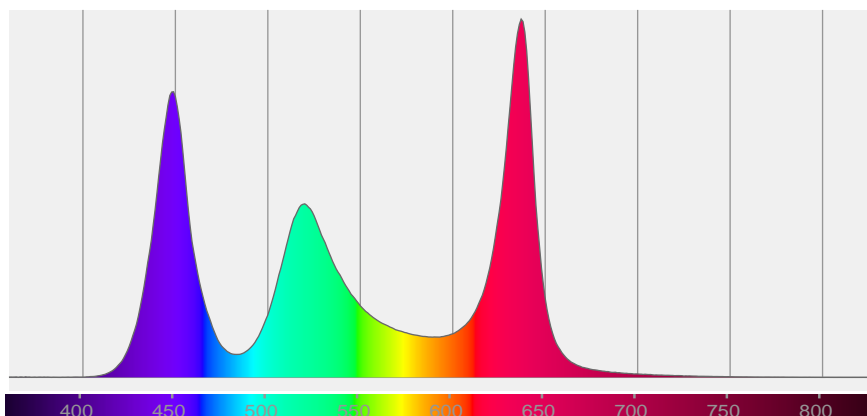


Beam angle 50%: 14,1°

Field angle 10%: 26°

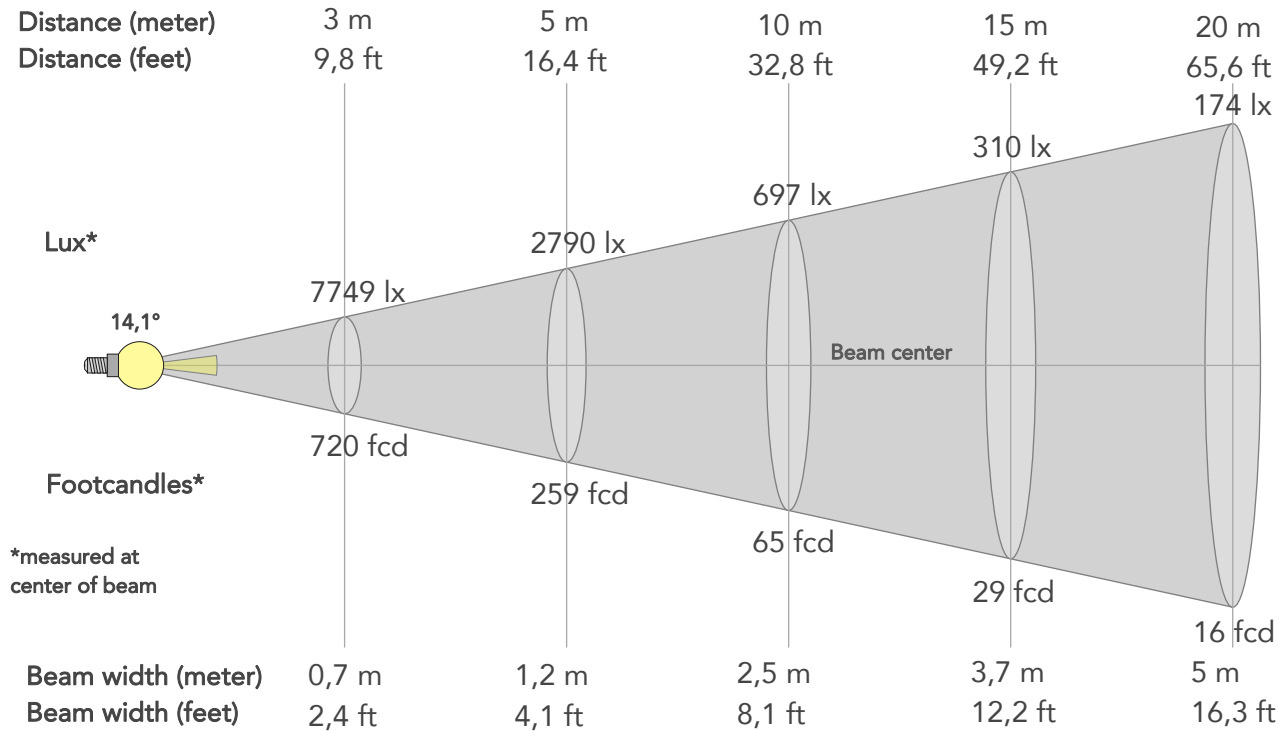
Cut off angle 2.5%: 38,7°

Spectra



BEAM DETAILS

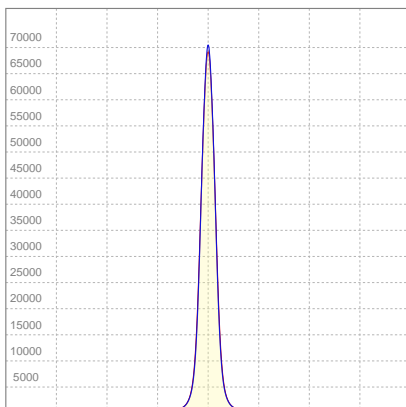
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,1°	26°	38,7°	100,0%	99,1%



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	69740lx	17435lx	7749lx	4359lx	2790lx	1240lx	697lx	310lx	174lx	112lx	77lx	44lx	28lx
Footcand.	6479fcd	1620fcd	720fcd	405fcd	259fcd	115fcd	65fcd	29fcd	16fcd	10fcd	7fcd	4fcd	3fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,9m	2,5m	3,7m	5m	6,2m	7,4m	9,9m	12,4m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4,1ft	6,1ft	8,1ft	12,2ft	16,3ft	20,3ft	24,4ft	32,5ft	40,7ft

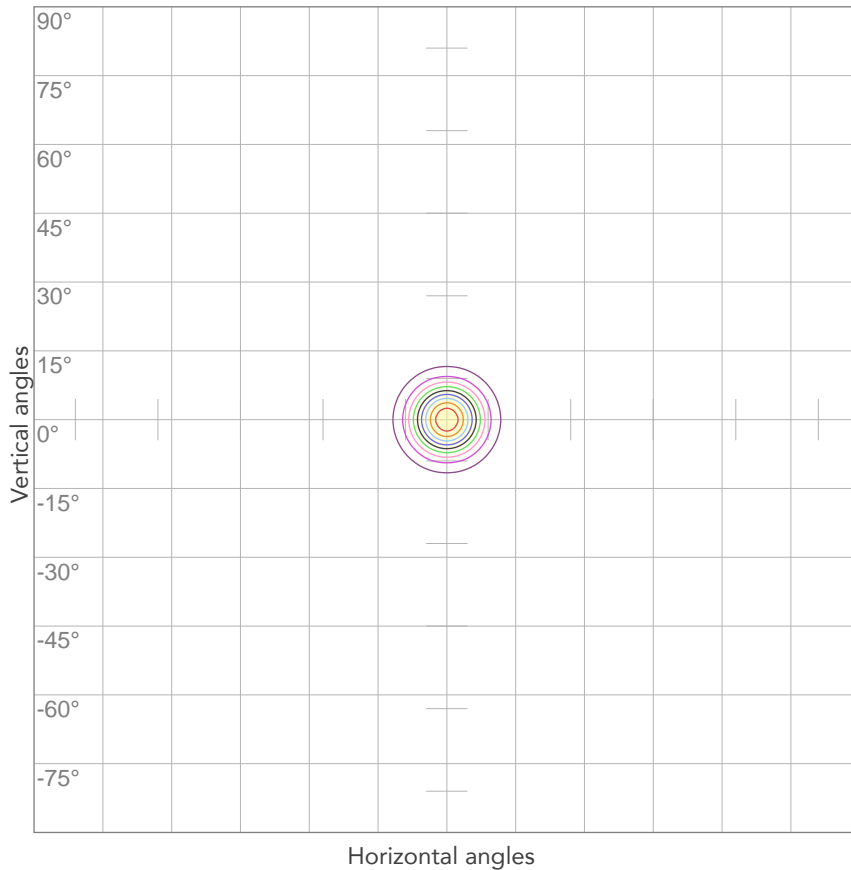
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,564A	123,7W	46lm/W
Power FC			
0,97			

ISO CANDELA DIAGRAM



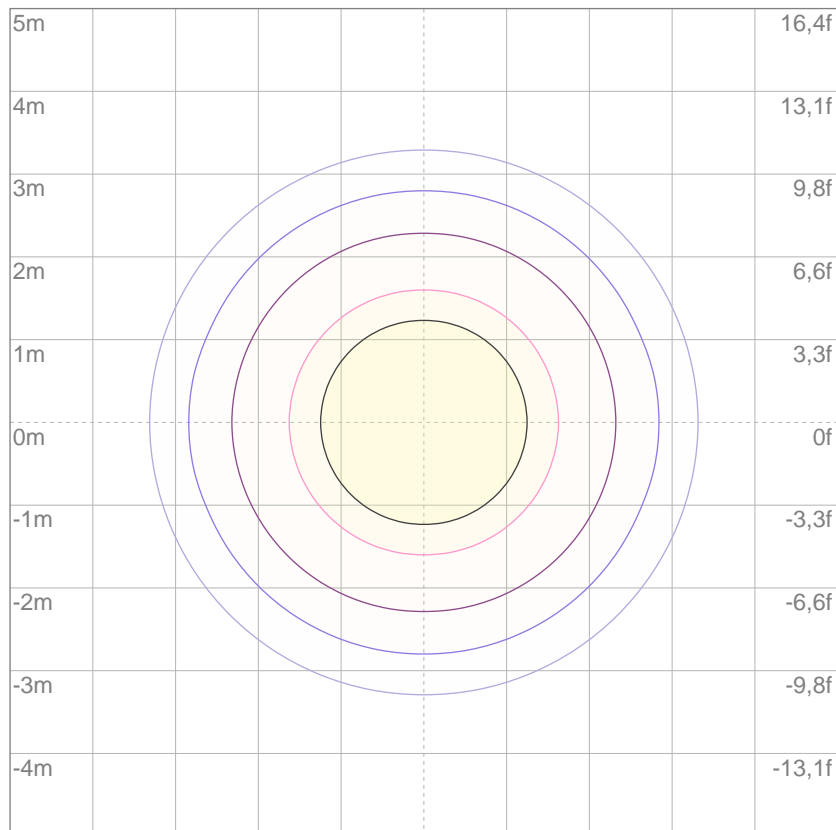
10%	6974 cd
20%	13948 cd
30%	20922 cd
40%	27896 cd
50%	34870 cd
60%	41844 cd
70%	48818 cd
80%	55792 cd

Conditions:

Number of c-planes: 4

Candela at center: 69740 cd

ISO LUX DIAGRAM



3%	20,9 lx
5%	34,9 lx
10%	69,7 lx
30%	209 lx
50%	349 lx

Conditions:

Number of c-planes: 4

Lux at center: 697 lx

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



Total lumen output:

5732 lm

Peak candela output:

30554 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

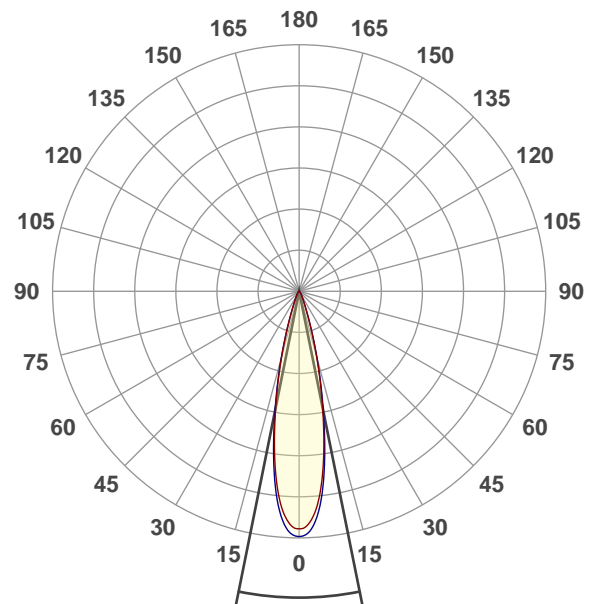
Full on

Operator:

Paolo Carvone

Date and time:

06/07/2020 13:05:40

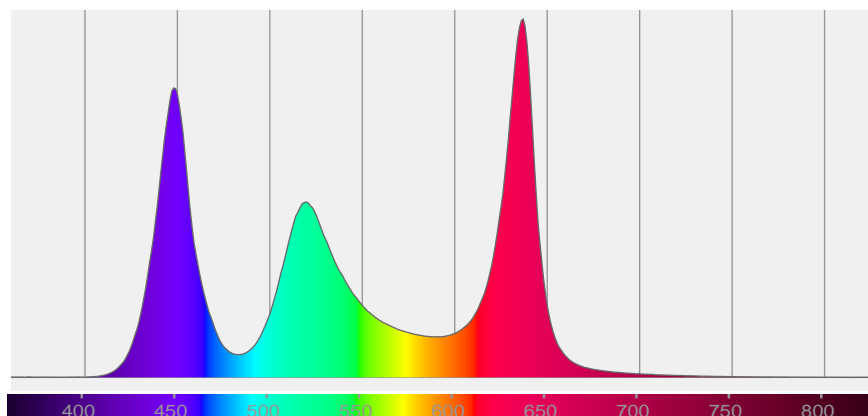


Beam angle 50%: 22,8°

Field angle 10%: 39,7°

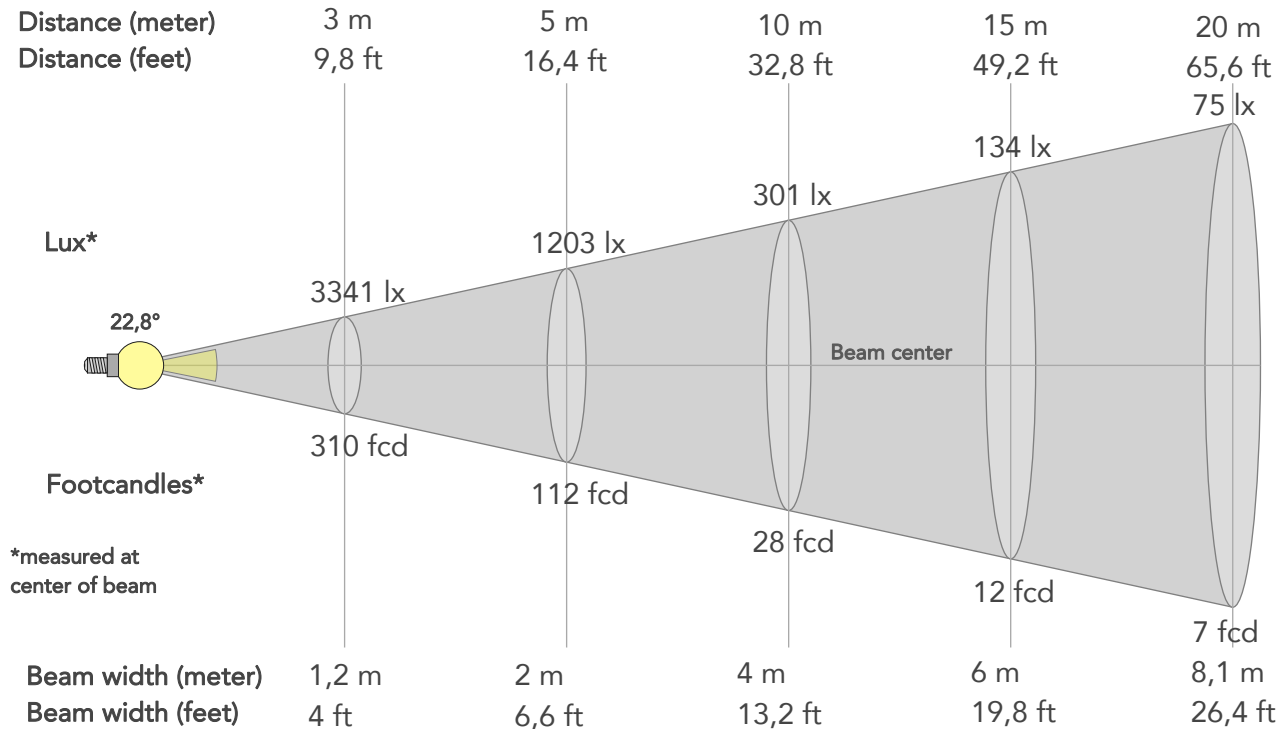
Cut off angle 2.5%: 57°

Spectra



BEAM DETAILS

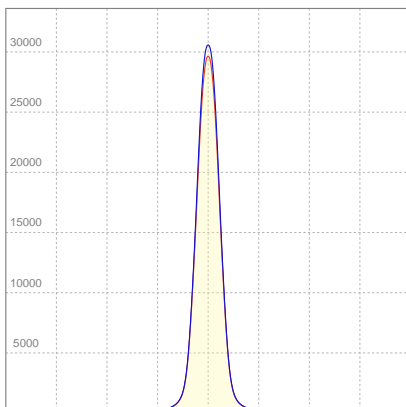
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,8°	39,7°	57°	99,7%	97,5%



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	30070lx	7517lx	3341lx	1879lx	1203lx	535lx	301lx	134lx	75lx	48lx	33lx	19lx	12lx
Footcand.	2794fcd	698fcd	310fcd	175fcd	112fcd	50fcd	28fcd	12fcd	7fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3m	4m	6m	8,1m	10,1m	12,1m	16,1m	20,2m
Beam wid.	1,3ft	2,7ft	4ft	5,3ft	6,6ft	9,9ft	13,2ft	19,8ft	26,4ft	33,1ft	39,7ft	52,9ft	66,1ft

LINEAR DISTRIBUTION DIAGRAM

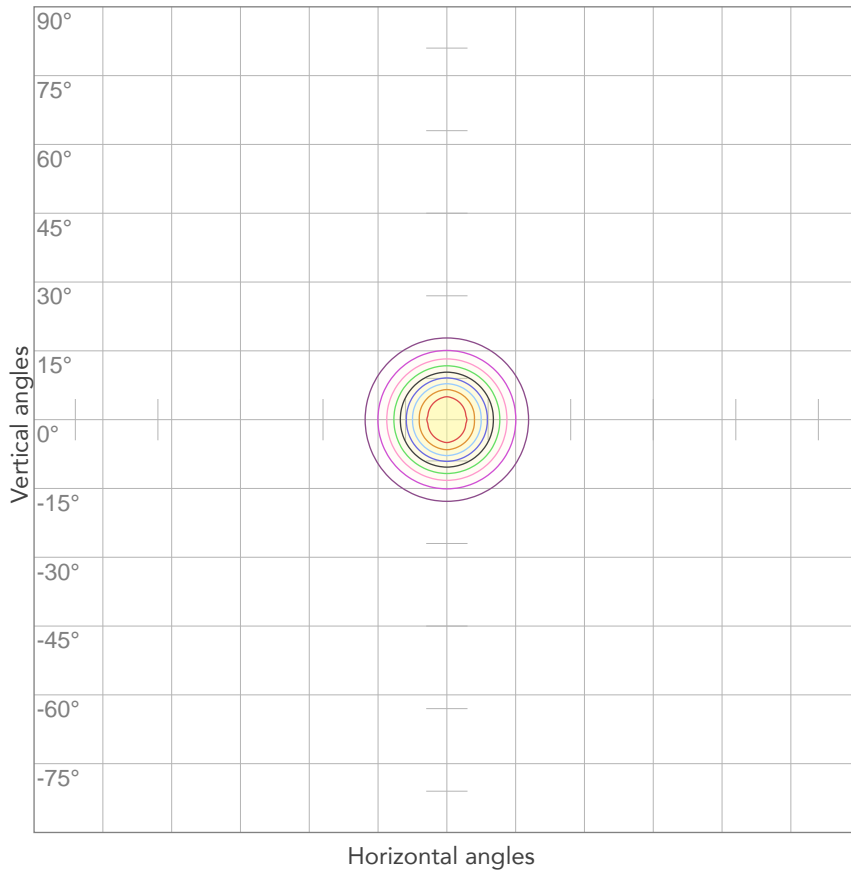


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,570A	124,9W	46lm/W
Power FC			
0,97			

ISO DIAGRAMS

ISO CANDELA DIAGRAM



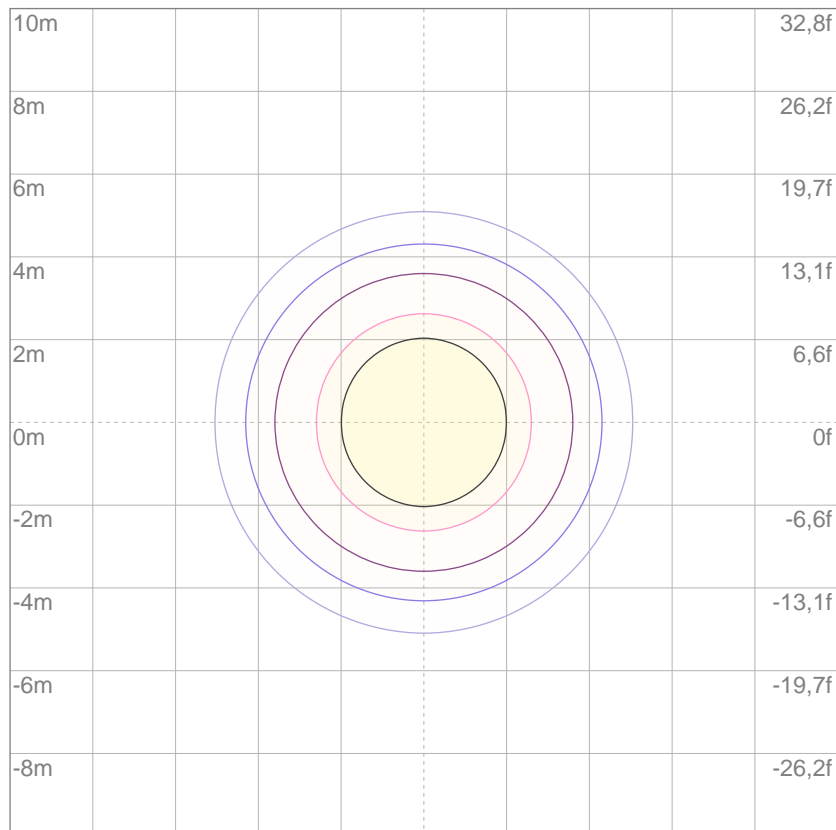
10%	3007 cd
20%	6014 cd
30%	9021 cd
40%	12028 cd
50%	15035 cd
60%	18042 cd
70%	21049 cd
80%	24056 cd

Conditions:

Number of c-planes: 4

Candela at center: 30070 cd

ISO LUX DIAGRAM



3%	9,02 lx
5%	15,0 lx
10%	30,1 lx
30%	90,2 lx
50%	150 lx

Conditions:

Number of c-planes: 4

Lux at center: 301 lx

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



Total lumen output:

5390 lm

Peak candela output:

7232 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

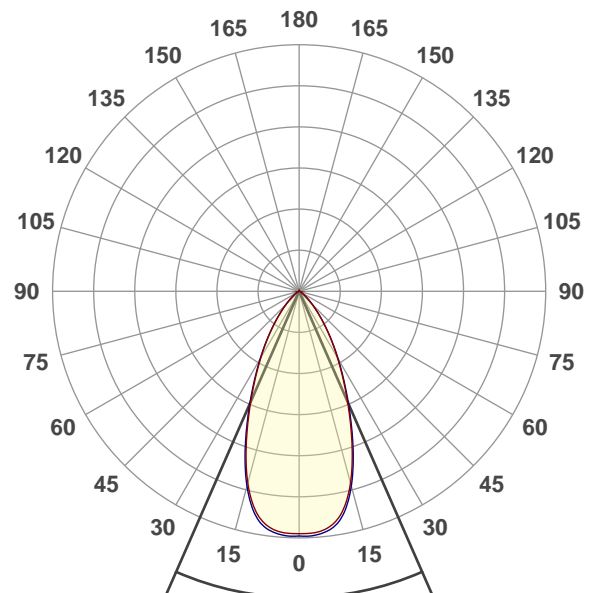
Full on

Operator:

Paolo Carvone

Date and time:

06/07/2020 12:39:00

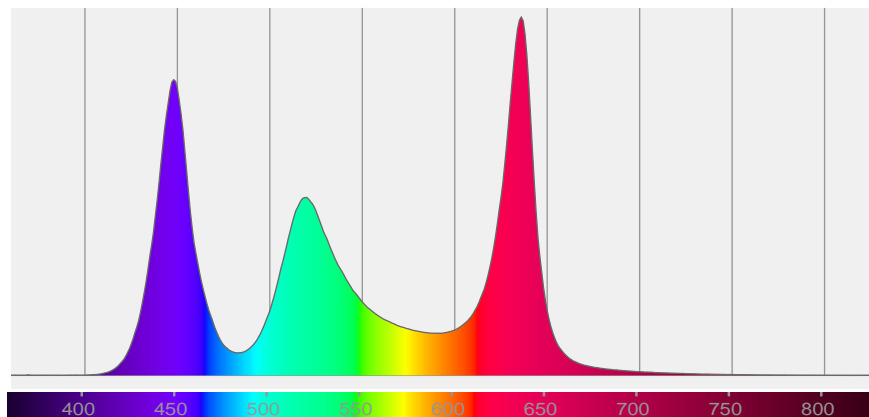


Beam angle 50%: 47,4°

Field angle 10%: 85,1°

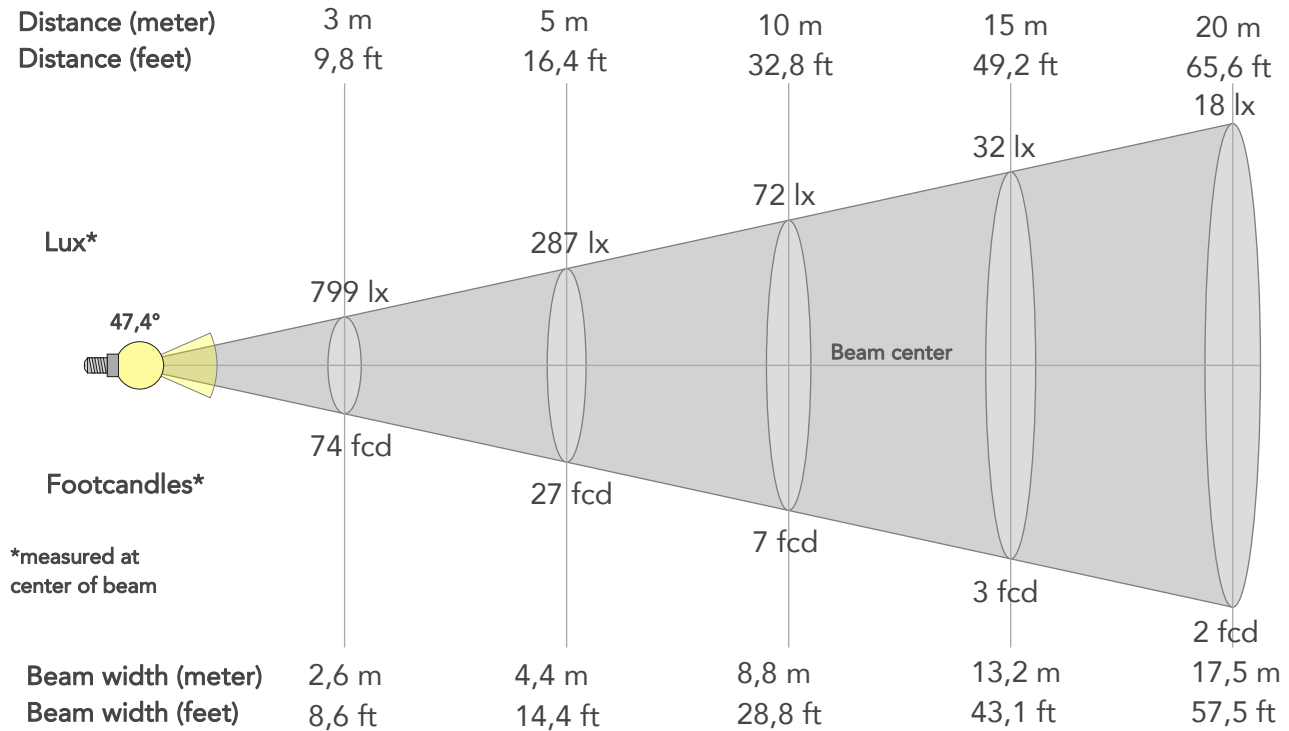
Cut off angle 2.5%: 108,1°

Spectra



BEAM DETAILS

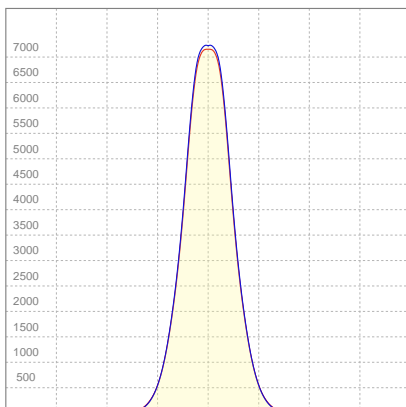
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,4°	85,1°	108,1°	98,9%	93,1%



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	7187lx	1797lx	799lx	449lx	287lx	128lx	72lx	32lx	18lx	11lx	8lx	4lx	3lx
Footcand.	668fcd	167fcd	74fcd	42fcd	27fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,2m	17,5m	21,9m	26,3m	35,1m	43,8m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,4ft	21,6ft	28,8ft	43,1ft	57,5ft	71,9ft	86,3ft	115,1ft	143,8ft

LINEAR DISTRIBUTION DIAGRAM



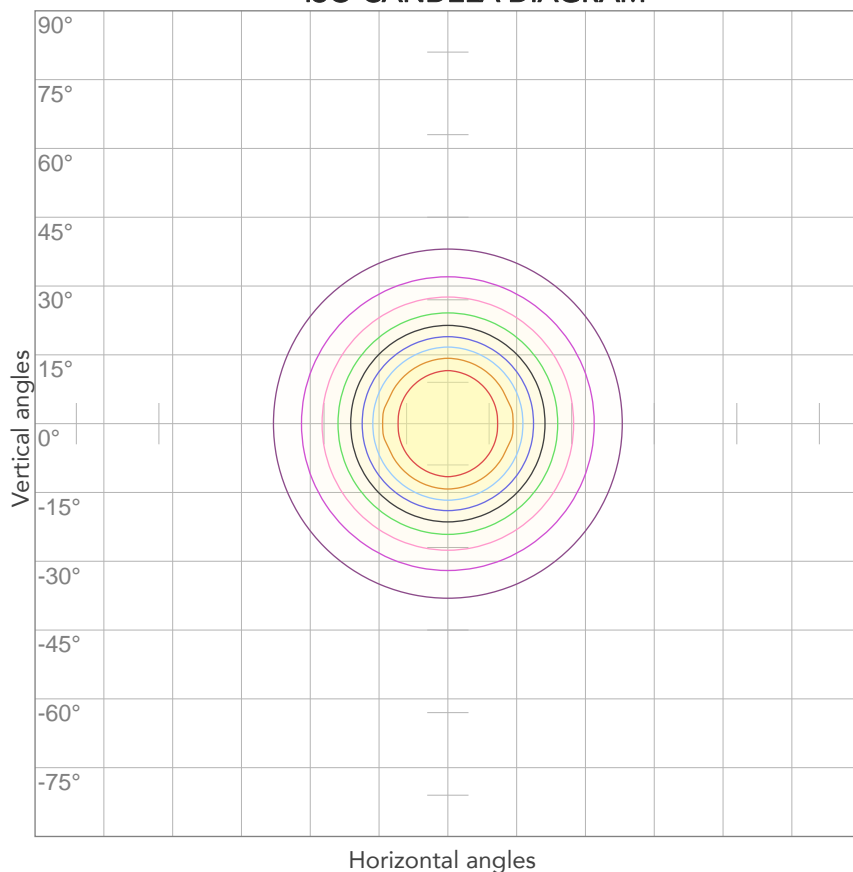
ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,581A	126,8W	42lm/W

Power FC
0,97

ISO DIAGRAMS

ISO CANDELA DIAGRAM



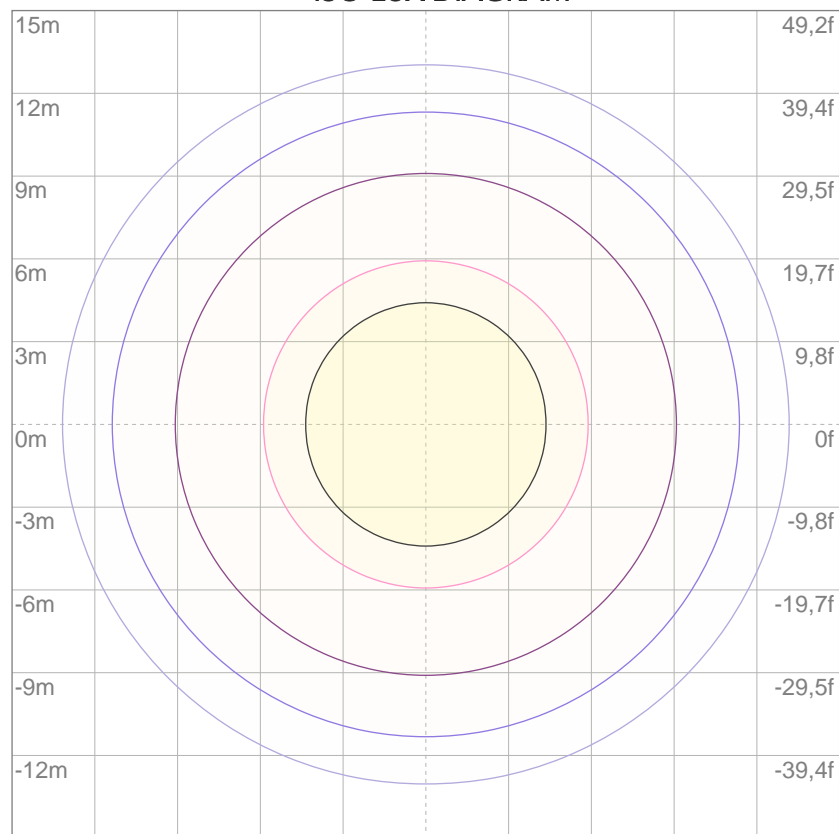
10%	719 cd
20%	1437 cd
30%	2156 cd
40%	2875 cd
50%	3594 cd
60%	4312 cd
70%	5031 cd
80%	5750 cd

Conditions:

Number of c-planes: 4

Candela at center: 7187 cd

ISO LUX DIAGRAM



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

Conditions:

Number of c-planes: 4

Lux at center: 71,9 lx

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



Total lumen output:

918 lm

Peak candela output:

16047 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

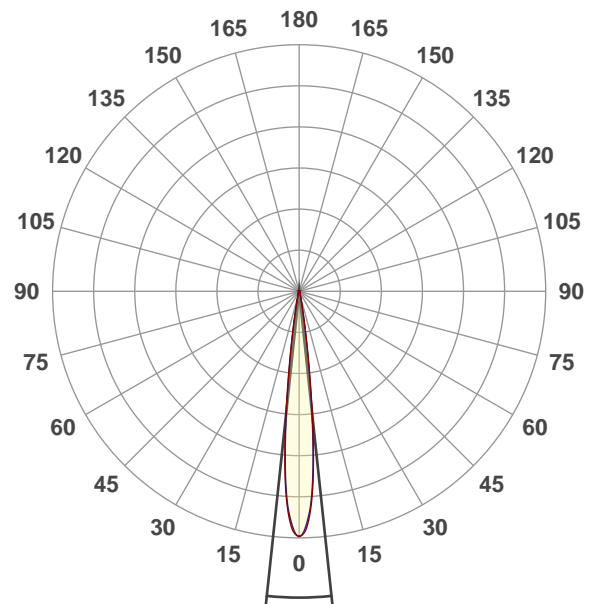
Red

Operator:

Paolo Carvone

Date and time:

17/03/2020 15:59:00

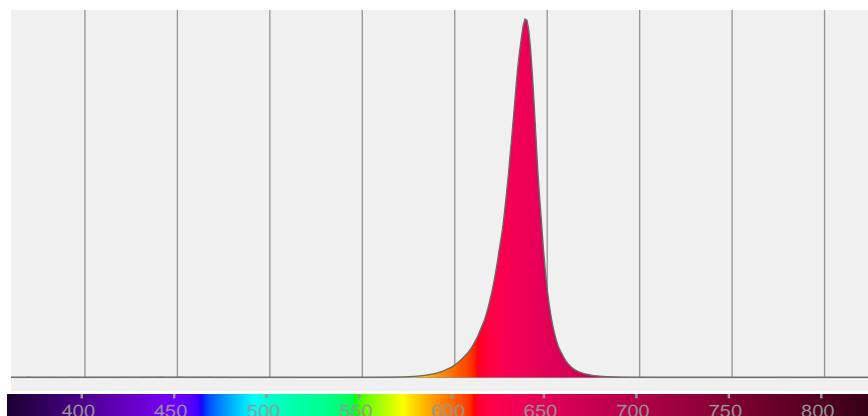


Beam angle 50%: 12,1°

Field angle 10%: 20,1°

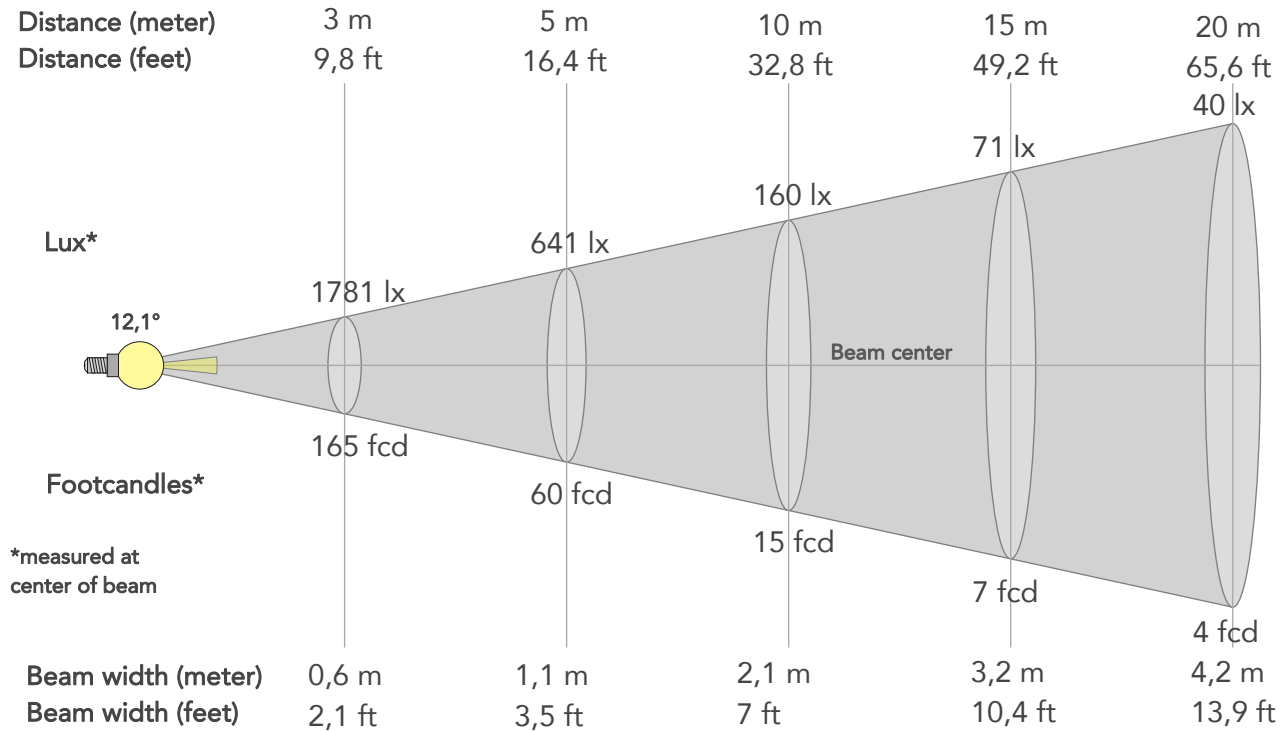
Cut off angle 2.5%: 28,7°

Spectra



BEAM DETAILS

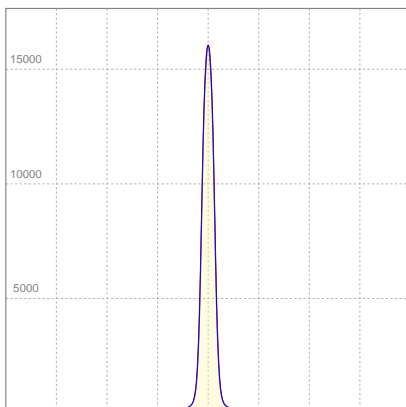
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,1°	20,1°	28,7°	99,4%	97,6%



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	16025lx	4006lx	1781lx	1002lx	641lx	285lx	160lx	71lx	40lx	26lx	18lx	10lx	6lx
Footcand.	1489fcd	372fcd	165fcd	93fcd	60fcd	26fcd	15fcd	7fcd	4fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1,1m	1,6m	2,1m	3,2m	4,2m	5,3m	6,4m	8,5m	10,6m
Beam wid.	0,7ft	1,4ft	2,1ft	2,8ft	3,5ft	5,2ft	7ft	10,4ft	13,9ft	17,4ft	20,9ft	27,9ft	34,8ft

LINEAR DISTRIBUTION DIAGRAM

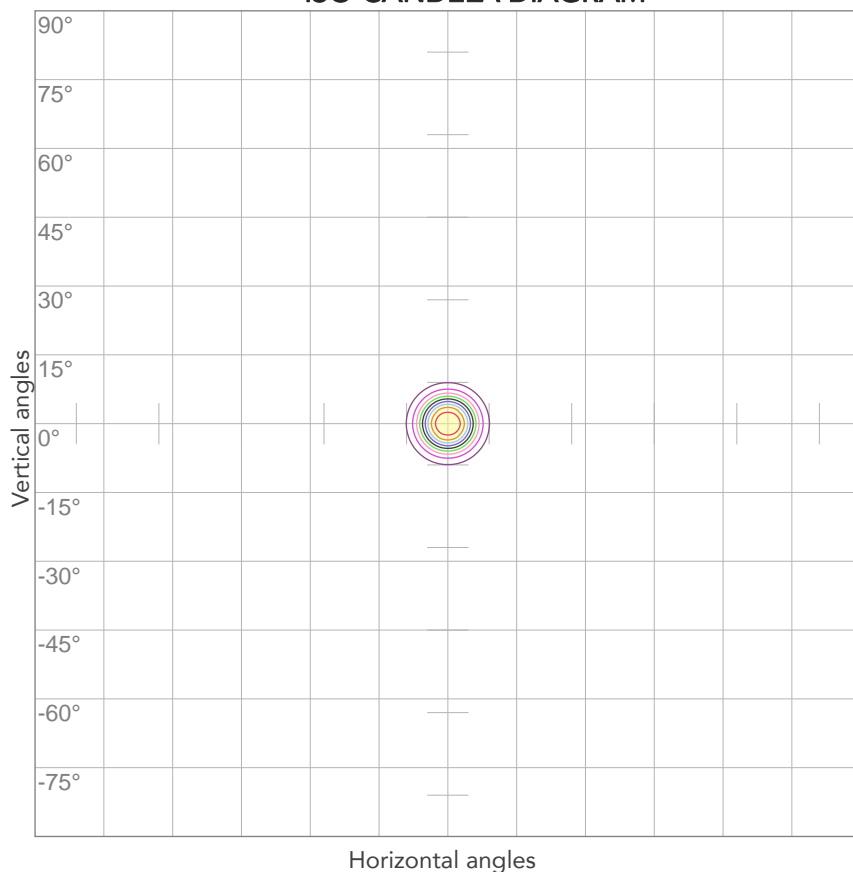


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,191A	35,6W	26lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



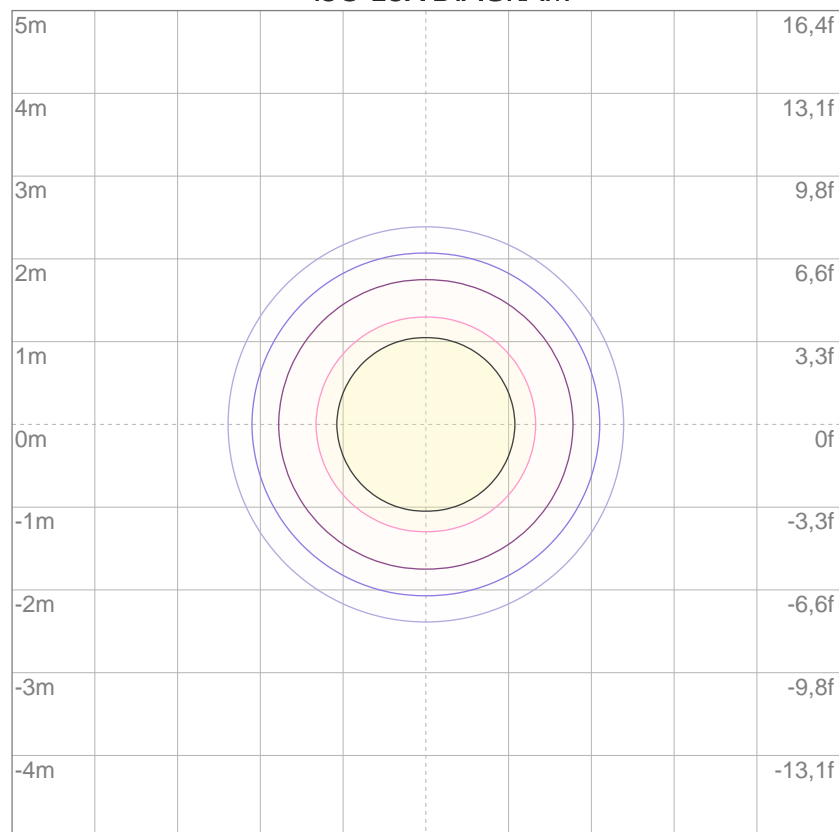
10%	1603 cd
20%	3205 cd
30%	4808 cd
40%	6410 cd
50%	8013 cd
60%	9615 cd
70%	11218 cd
80%	12820 cd

Conditions:

Number of c-planes: 4

Candela at center: 16025 cd

ISO LUX DIAGRAM



3%	4,81 lx
5%	8,01 lx
10%	16,0 lx
30%	48,1 lx
50%	80,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 160 lx

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



Total lumen output:

967 lm

Peak candela output:

2028 cd

PRODUCT NAME:

ArcPod15Q

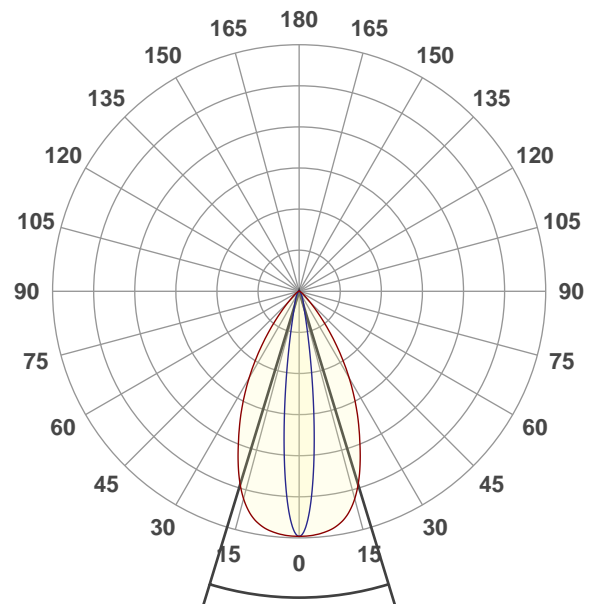
MEASUREMENT CONDITIONS:

Beam angle:
10°+F60x10

Target:
Red

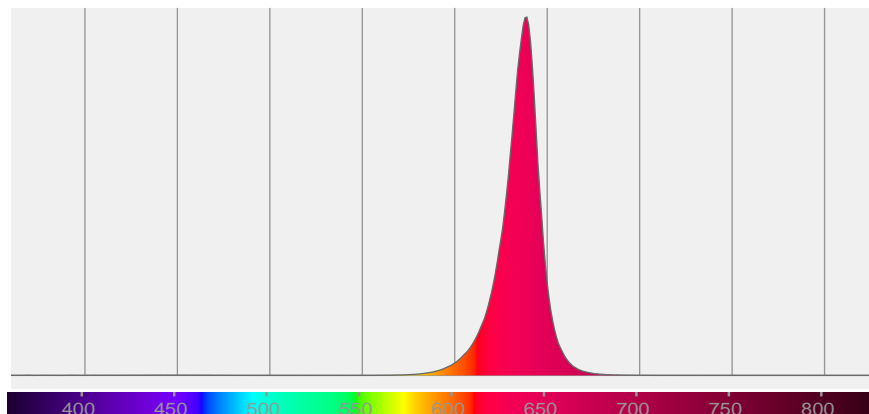
Operator:
Paolo Carvone

Date and time:
20/03/2020 15:54:49



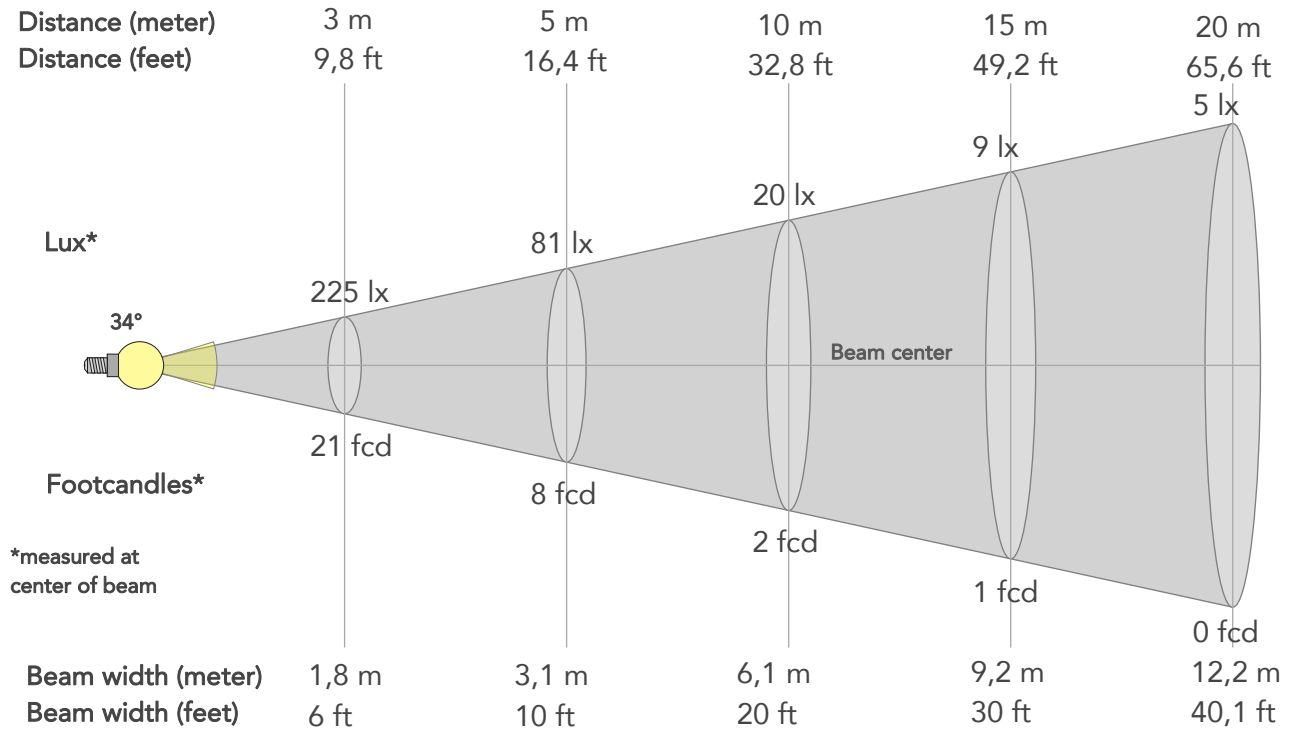
Beam angle 50%: 34°
Field angle 10%: 56,3°
Cut off angle 2.5%: 80,5°

Spectra



BEAM DETAILS

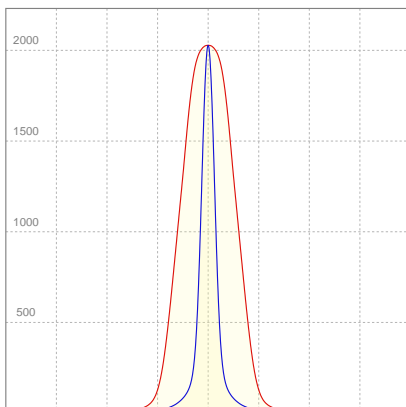
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
34°	56,3°	80,5°	98,3%	93,9%



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	2026lx	507lx	225lx	127lx	81lx	36lx	20lx	9lx	5lx	3lx	2lx	1lx	1lx
Footcand.	188fcd	47fcd	21fcd	12fcd	8fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,4m	3,1m	4,6m	6,1m	9,2m	12,2m	15,3m	18,3m	24,4m	30,5m
Beam wid.	2ft	4ft	6ft	8ft	10ft	15ft	20ft	30ft	40,1ft	50,1ft	60,1ft	80,1ft	100,1ft

LINEAR DISTRIBUTION DIAGRAM

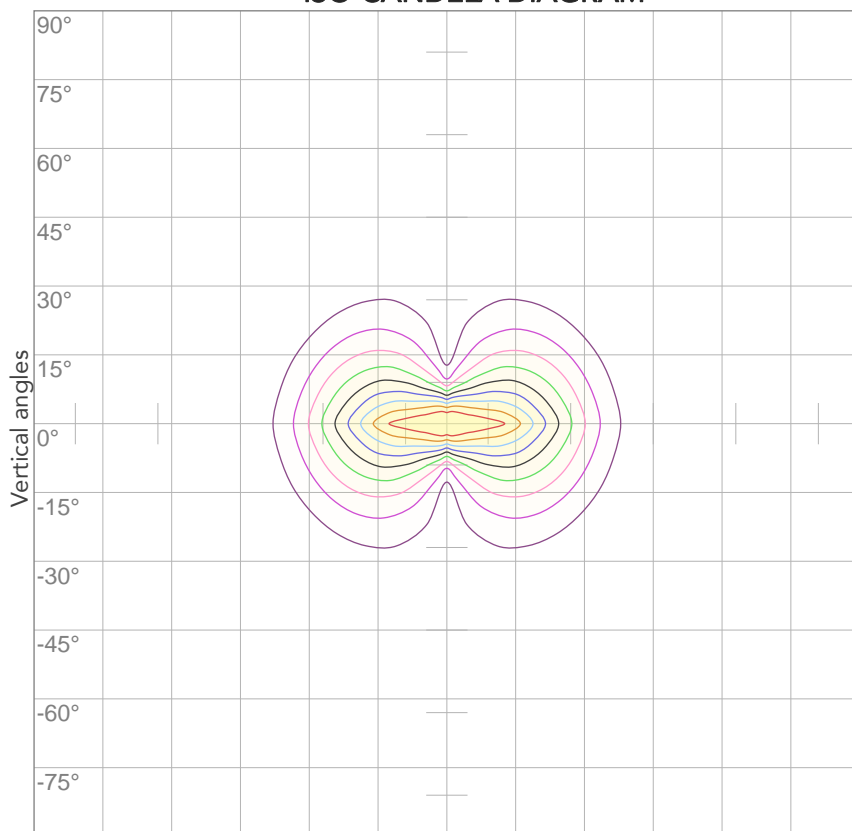


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,191A	35,6W	27lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



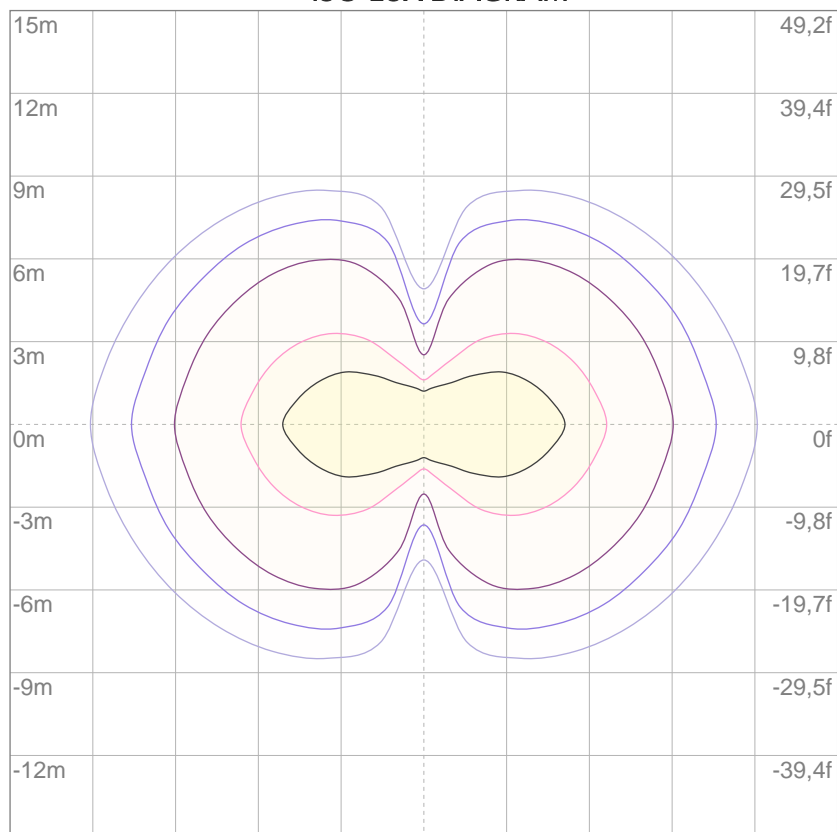
10%	203 cd
20%	405 cd
30%	608 cd
40%	811 cd
50%	1013 cd
60%	1216 cd
70%	1418 cd
80%	1621 cd

Conditions:

Number of c-planes: 4

Candela at center: 2026 cd

ISO LUX DIAGRAM



3%	0,608 lx
5%	1,01 lx
10%	2,03 lx
30%	6,08 lx
50%	10,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 20,3 lx

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



Total lumen output:

1139 lm

Peak candela output:

15131 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

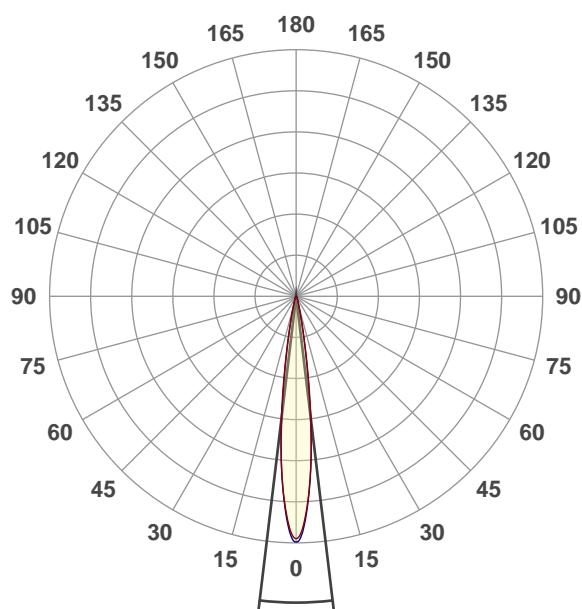
Red

Operator:

Paolo Carvone

Date and time:

31/07/2020 12:27:18

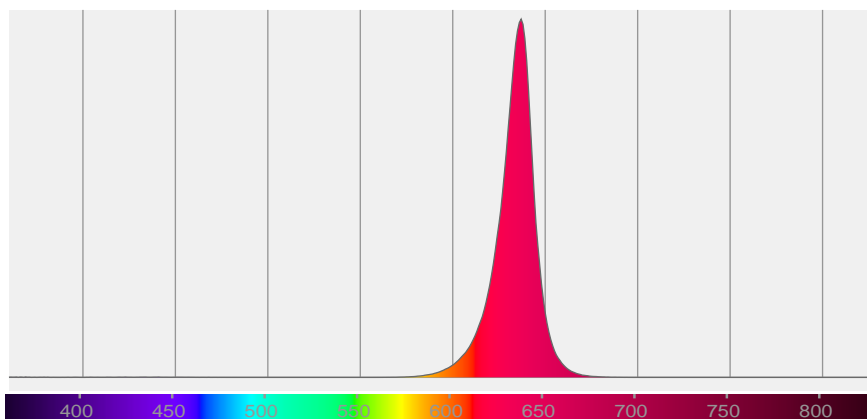


Beam angle 50%: 13,7°

Field angle 10%: 24,7°

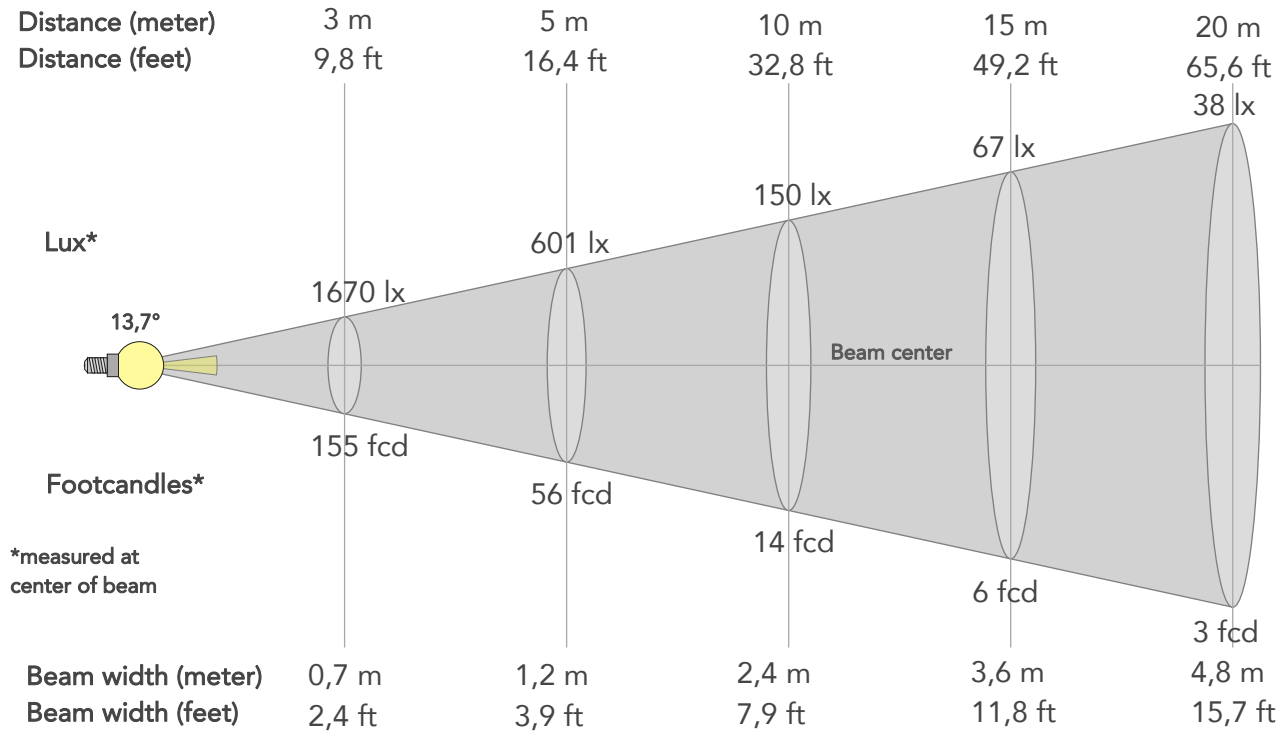
Cut off angle 2.5%: 36,6°

Spectra



BEAM DETAILS

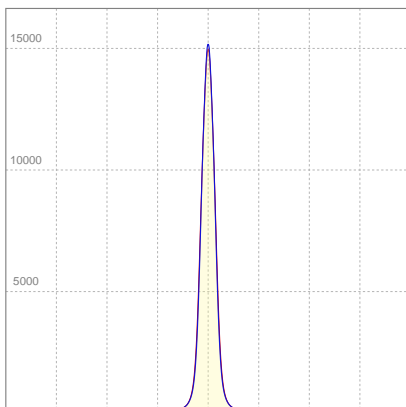
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,7°	24,7°	36,6°	99,9%	98,5%



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	15031lx	3758lx	1670lx	939lx	601lx	267lx	150lx	67lx	38lx	24lx	17lx	9lx	6lx
Footcand.	1396fcd	349fcd	155fcd	87fcd	56fcd	25fcd	14fcd	6fcd	3fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,4m	3,6m	4,8m	6m	7,2m	9,6m	12m
Beam wid.	0,8ft	1,6ft	2,4ft	3,1ft	3,9ft	5,9ft	7,9ft	11,8ft	15,7ft	19,7ft	23,6ft	31,5ft	39,3ft

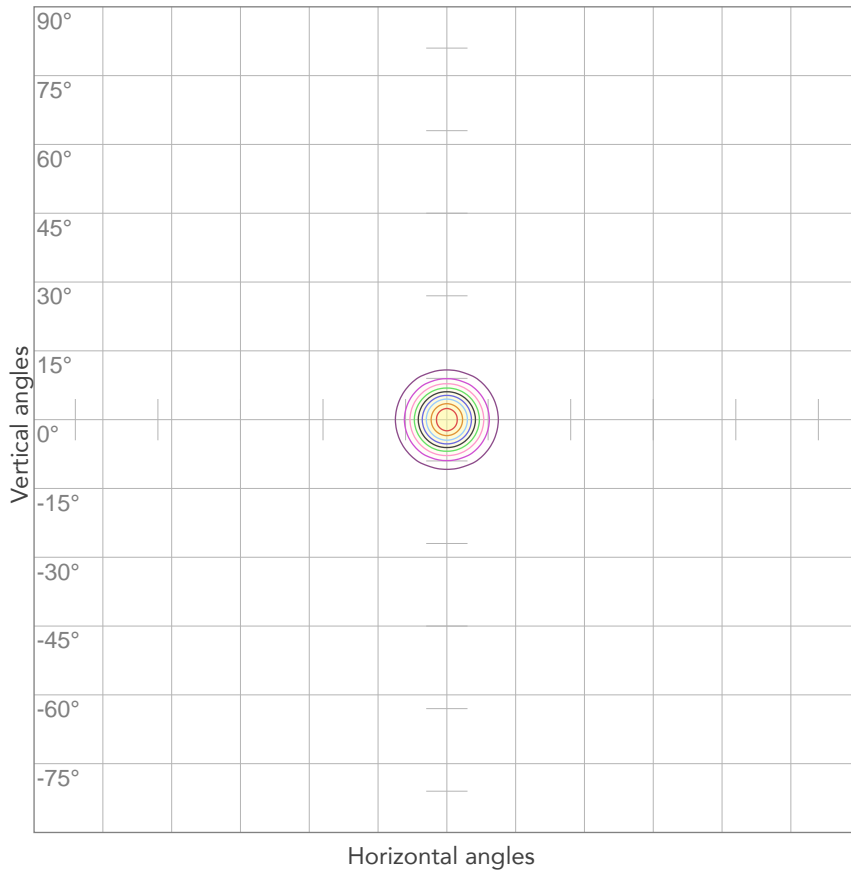
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,191A	35,3W	32lm/W

ISO CANDELA DIAGRAM



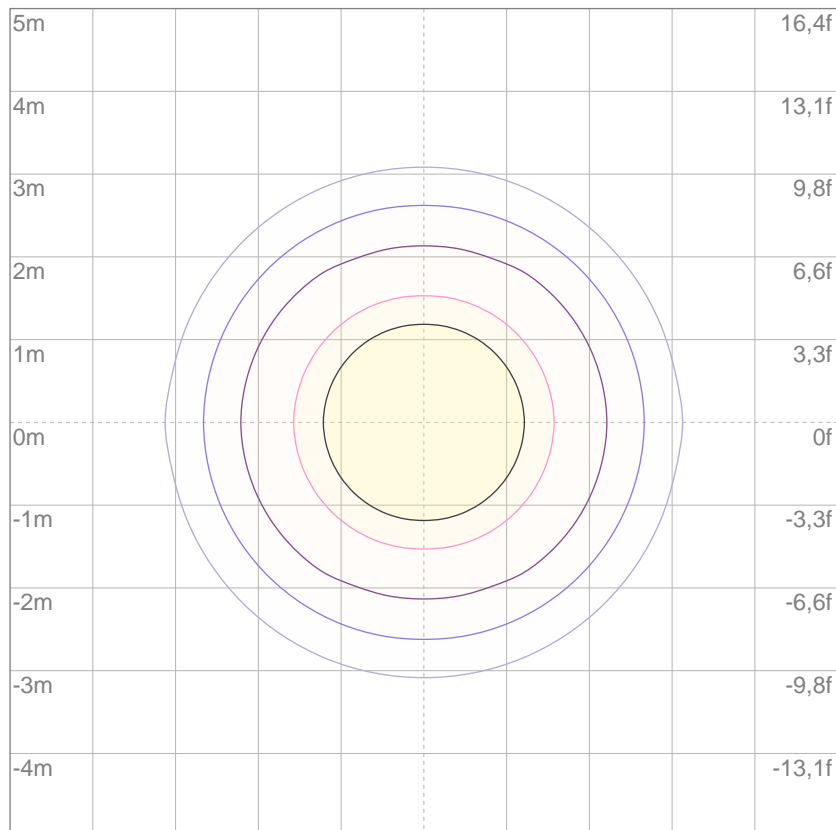
10%	1503 cd
20%	3006 cd
30%	4509 cd
40%	6012 cd
50%	7515 cd
60%	9018 cd
70%	10521 cd
80%	12024 cd

Conditions:

Number of c-planes: 4

Candela at center: 15031 cd

ISO LUX DIAGRAM



3%	4,51 lx
5%	7,52 lx
10%	15,0 lx
30%	45,1 lx
50%	75,2 lx

Conditions:

Number of c-planes: 4

Lux at center: 150 lx

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



Total lumen output:

1043 lm

Peak candela output:

5719 cd

PRODUCT NAME:

ArcPod15Q

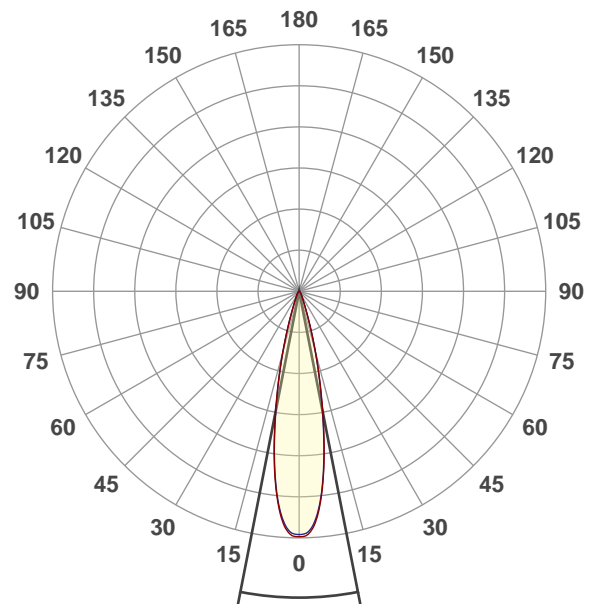
MEASUREMENT CONDITIONS:

Beam angle:
25°

Target:
Red

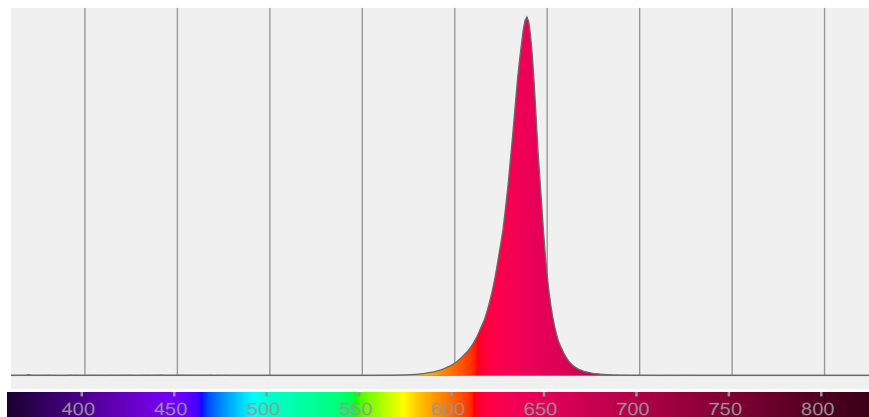
Operator:
Paolo Carvone

Date and time:
27/02/2020 13:02:17



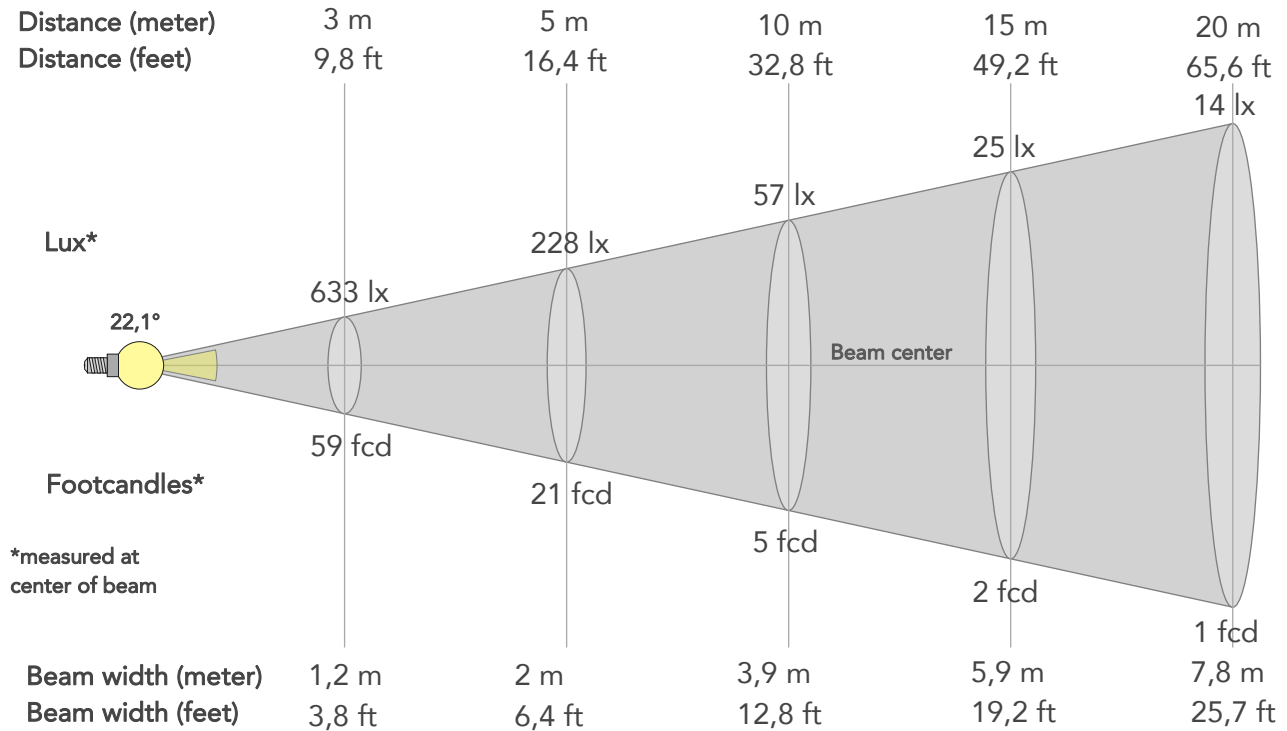
Beam angle 50%: 22,1°
Field angle 10%: 38,3°
Cut off angle 2.5%: 55,4°

Spectra



BEAM DETAILS

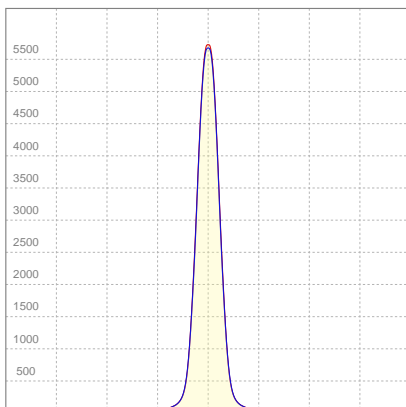
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,1°	38,3°	55,4°	98,8%	96,3%



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	5695lx	1424lx	633lx	356lx	228lx	101lx	57lx	25lx	14lx	9lx	6lx	4lx	2lx
Footcand.	529fcd	132fcd	59fcd	33fcd	21fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	2,9m	3,9m	5,9m	7,8m	9,8m	11,7m	15,6m	19,6m
Beam wid.	1,3ft	2,6ft	3,8ft	5,1ft	6,4ft	9,6ft	12,8ft	19,2ft	25,7ft	32,1ft	38,5ft	51,3ft	64,1ft

LINEAR DISTRIBUTION DIAGRAM

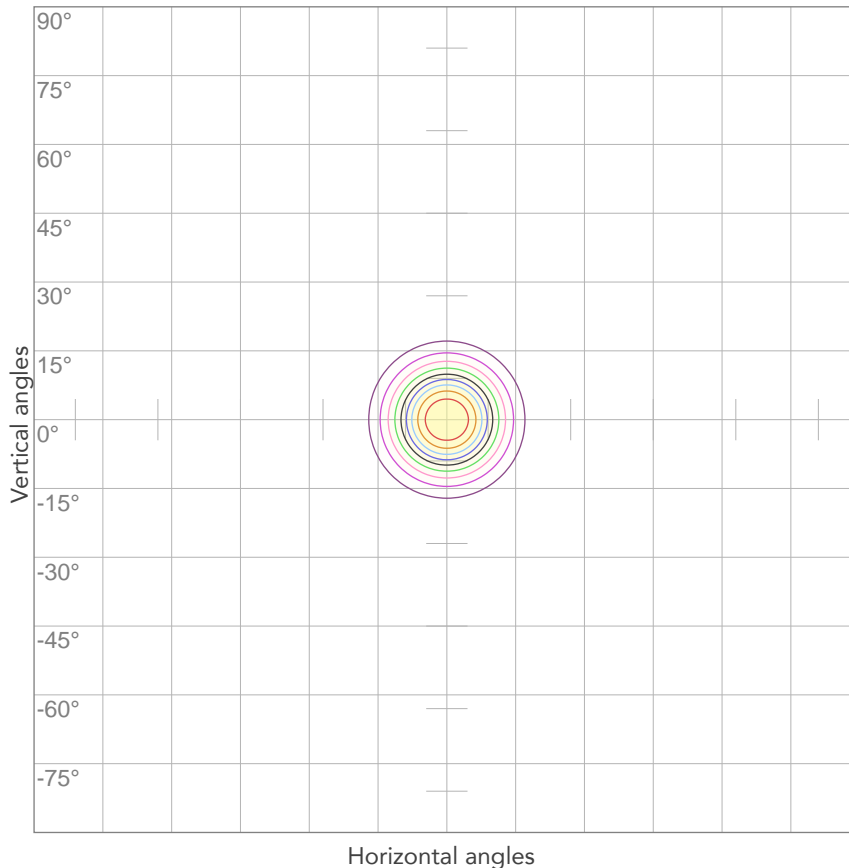


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,178A	32,0W	33lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



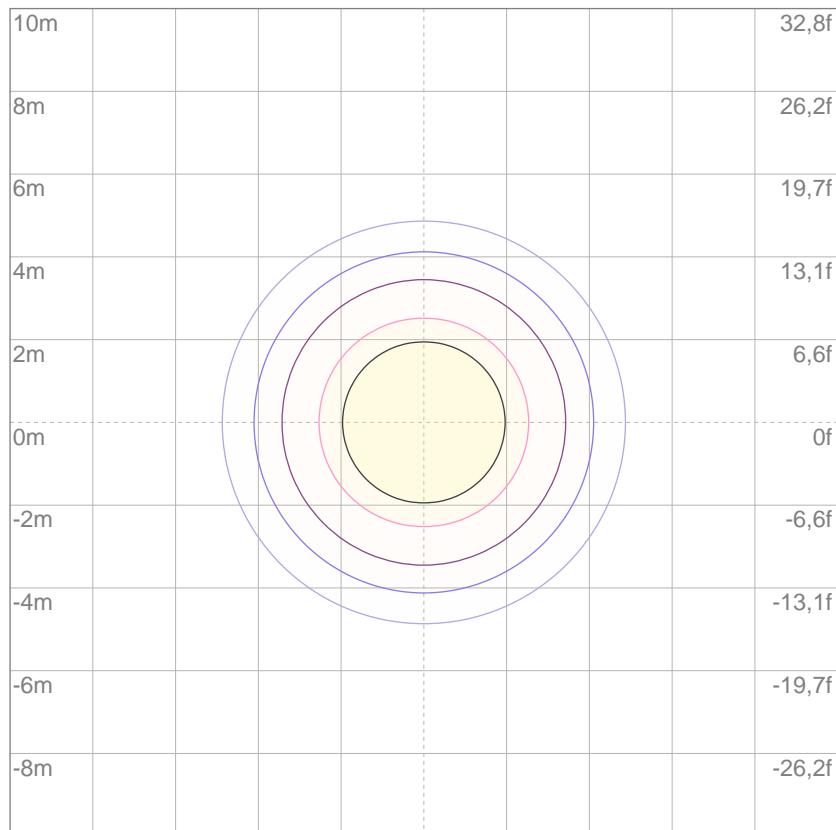
10%	569 cd
20%	1139 cd
30%	1708 cd
40%	2278 cd
50%	2847 cd
60%	3417 cd
70%	3986 cd
80%	4556 cd

Conditions:

Number of c-planes: 4

Candela at center: 5695 cd

ISO LUX DIAGRAM



3%	1,71 lx
5%	2,85 lx
10%	5,69 lx
30%	17,1 lx
50%	28,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 56,9 lx

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



Total lumen output:

857 lm

Peak candela output:

1150 cd

PRODUCT NAME:

ArcPod15Q

MEASURAMENT CONDITIONS:

Beam angle:

45°

Target:

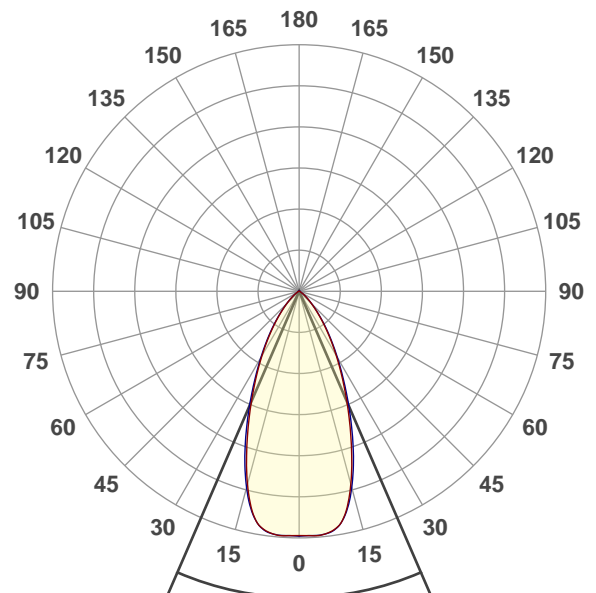
Red

Operator:

Paolo Carvone

Date and time:

27/02/2020 14:38:08

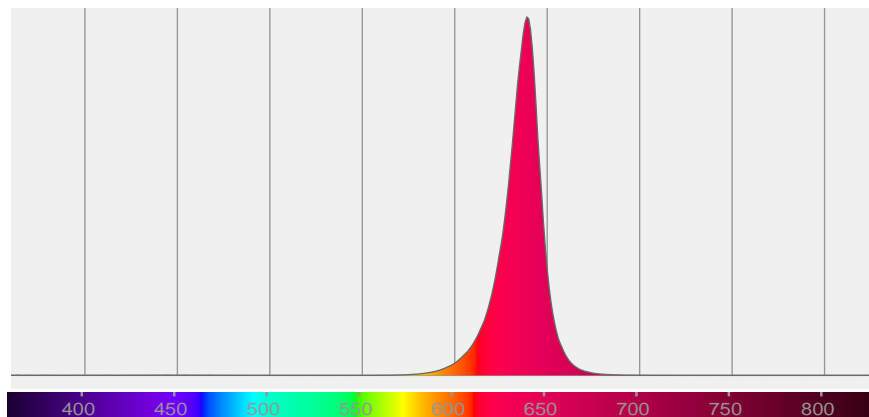


Beam angle 50%: 46,8°

Field angle 10%: 84,2°

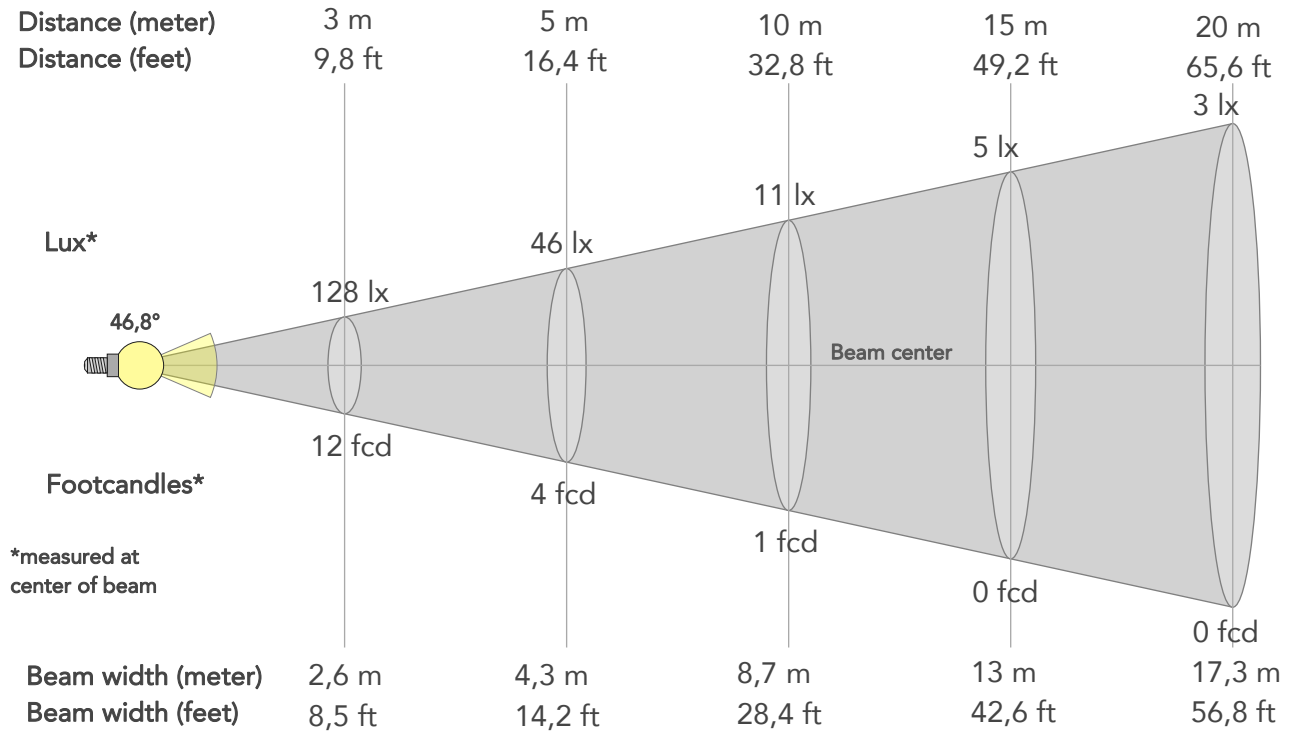
Cut off angle 2.5%: 107,2°

Spectra



BEAM DETAILS

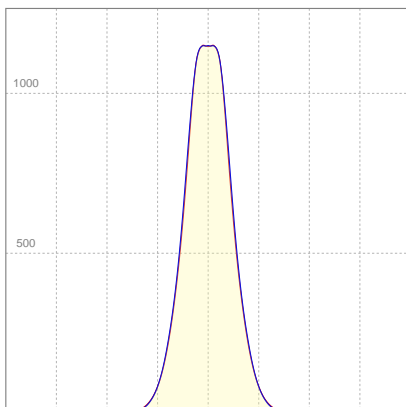
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,8°	84,2°	107,2°	98,0%	92,4%



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	1148lx	287lx	128lx	72lx	46lx	20lx	11lx	5lx	3lx	2lx	1lx	1lx	0lx
Footcand.	107fcd	27fcd	12fcd	7fcd	4fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,3m	6,5m	8,7m	13m	17,3m	21,7m	26m	34,7m	43,3m
Beam wid.	2,9ft	5,7ft	8,5ft	11,3ft	14,2ft	21,3ft	28,4ft	42,6ft	56,8ft	71ft	85,2ft	113,7ft	142,1ft

LINEAR DISTRIBUTION DIAGRAM

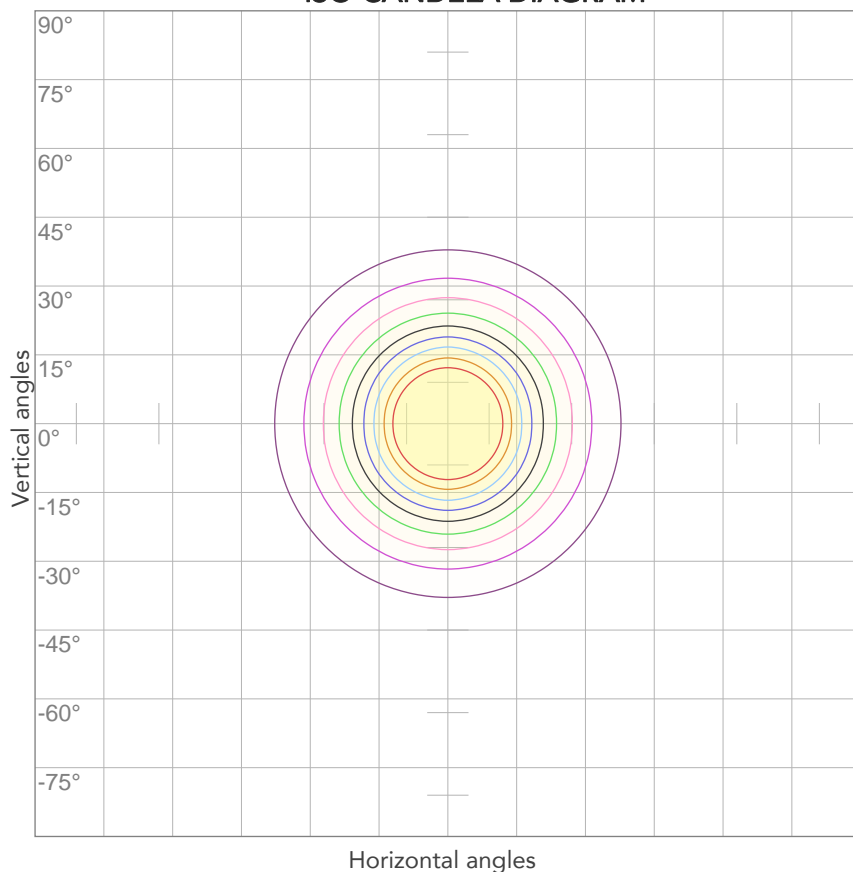


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	0,170A	30,0W	29lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



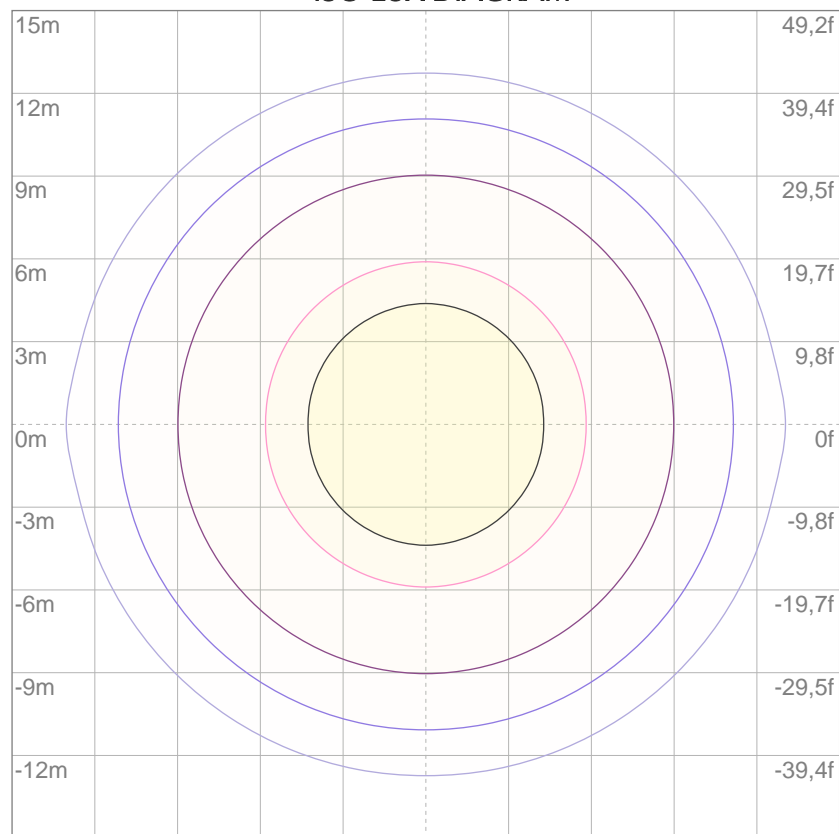
10%	115 cd
20%	230 cd
30%	344 cd
40%	459 cd
50%	574 cd
60%	689 cd
70%	804 cd
80%	919 cd

Conditions:

Number of c-planes: 4

Candela at center: 1148 cd

ISO LUX DIAGRAM



3%	0,344 lx
5%	0,574 lx
10%	1,15 lx
30%	3,44 lx
50%	5,74 lx

Conditions:

Number of c-planes: 4

Lux at center: 11,5 lx

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



Total lumen output:

1891 lm

Peak candela output:

28243 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

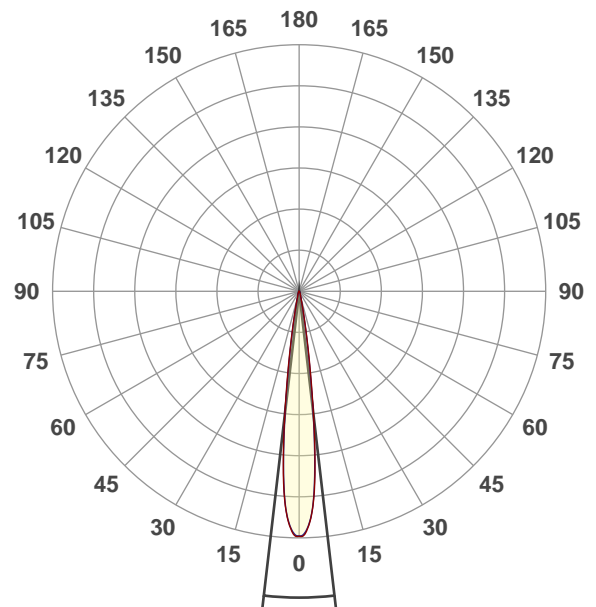
Green

Operator:

Paolo Carvone

Date and time:

17/03/2020 16:01:50

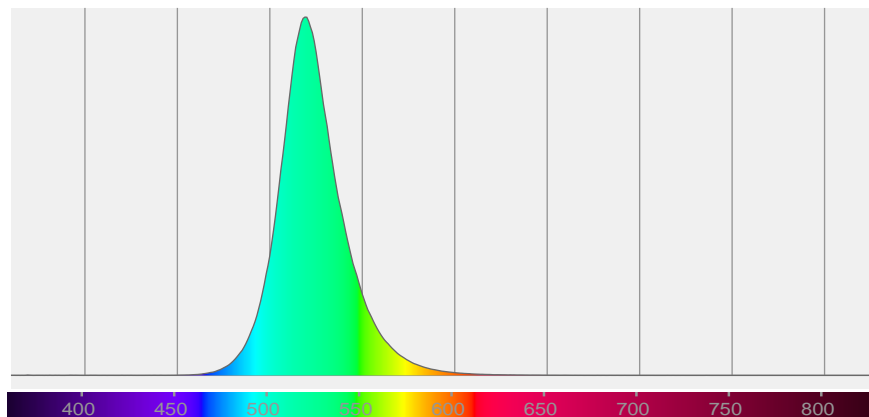


Beam angle 50%: 13,2°

Field angle 10%: 21,8°

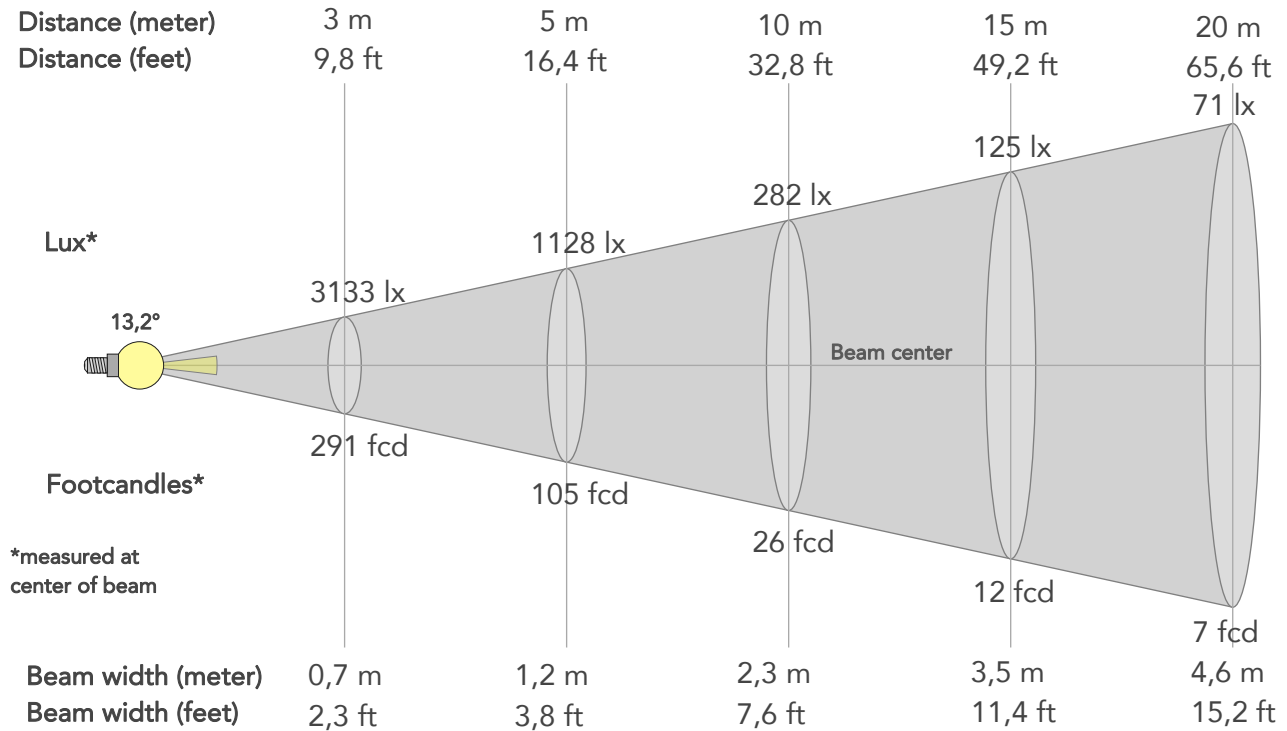
Cut off angle 2.5%: 30,9°

Spectra



BEAM DETAILS

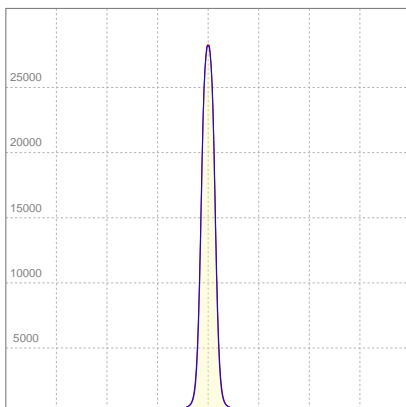
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,2°	21,8°	30,9°	99,5%	97,5%



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	28201lx	7050lx	3133lx	1763lx	1128lx	501lx	282lx	125lx	71lx	45lx	31lx	18lx	11lx
Footcand.	2620fcd	655fcd	291fcd	164fcd	105fcd	47fcd	26fcd	12fcd	7fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,2m	0,5m	0,7m	0,9m	1,2m	1,7m	2,3m	3,5m	4,6m	5,8m	7m	9,3m	11,6m
Beam wid.	0,8ft	1,5ft	2,3ft	3ft	3,8ft	5,7ft	7,6ft	11,4ft	15,2ft	19ft	22,9ft	30,5ft	38,1ft

LINEAR DISTRIBUTION DIAGRAM

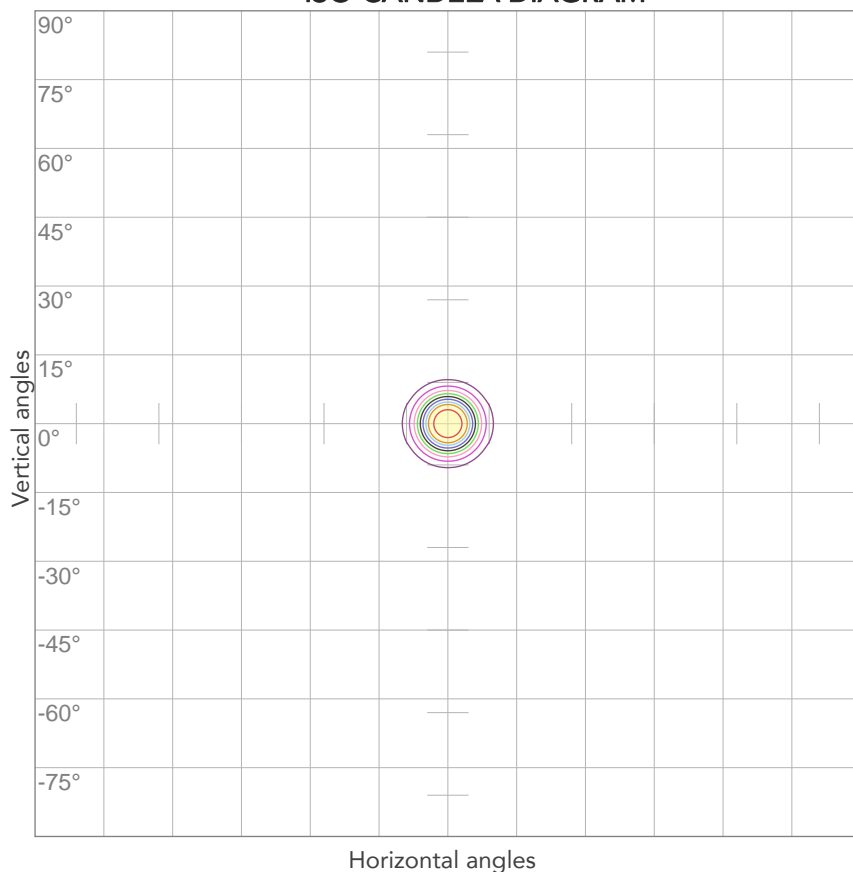


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,209A	40,0W	47lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



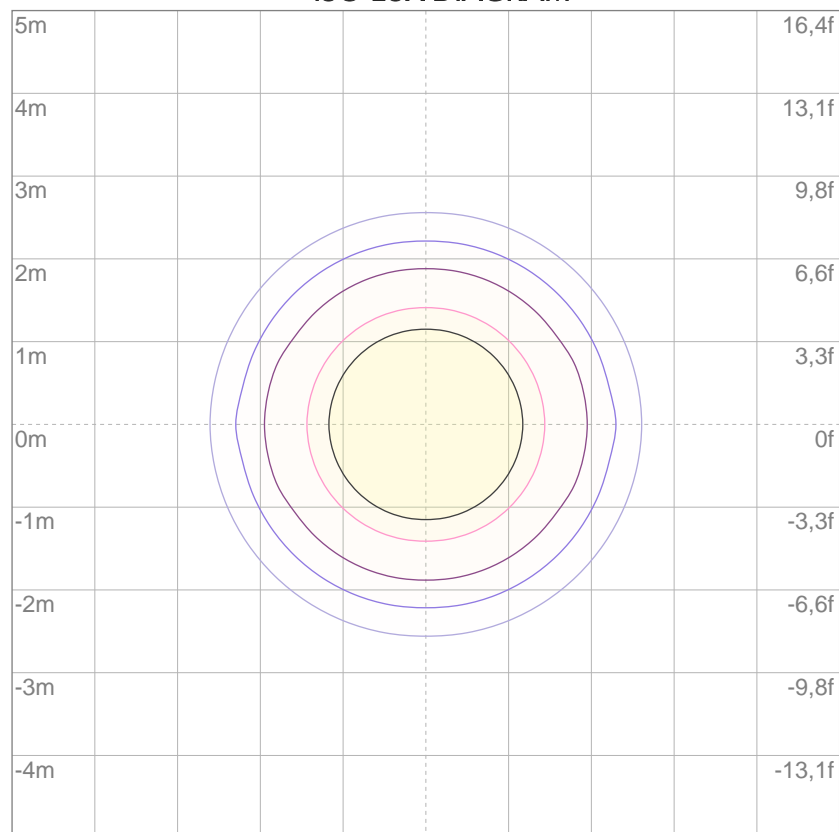
10%	2820 cd
20%	5640 cd
30%	8460 cd
40%	11280 cd
50%	14100 cd
60%	16921 cd
70%	19741 cd
80%	22561 cd

Conditions:

Number of c-planes: 4

Candela at center: 28201 cd

ISO LUX DIAGRAM



3%	8,46 lx
5%	14,1 lx
10%	28,2 lx
30%	84,6 lx
50%	141 lx

Conditions:

Number of c-planes: 4

Lux at center: 282 lx

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



Total lumen output:

1957 lm

Peak candela output:

3984 cd

PRODUCT NAME:

ArcPod15Q

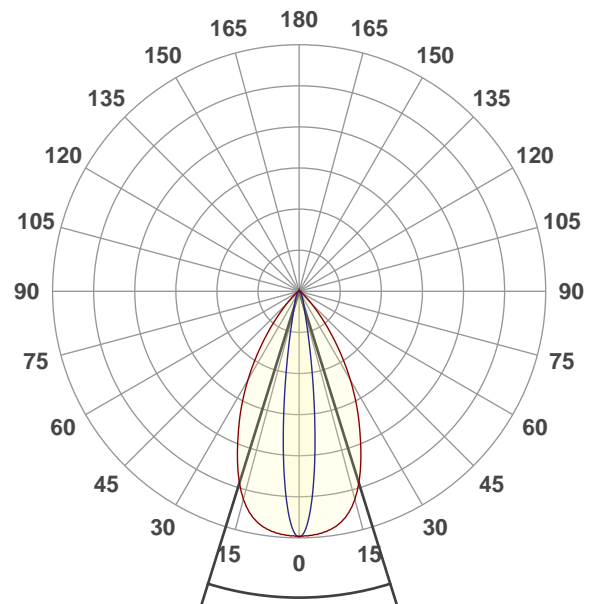
MEASUREMENT CONDITIONS:

Beam angle:
10°+F60x10

Target:
Green

Operator:
Paolo Carvone

Date and time:
20/03/2020 15:57:53

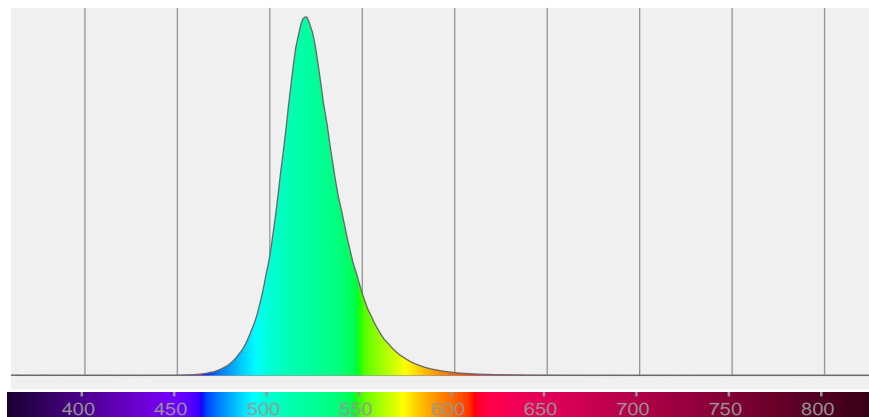


Beam angle 50%: 34,6°

Field angle 10%: 57,4°

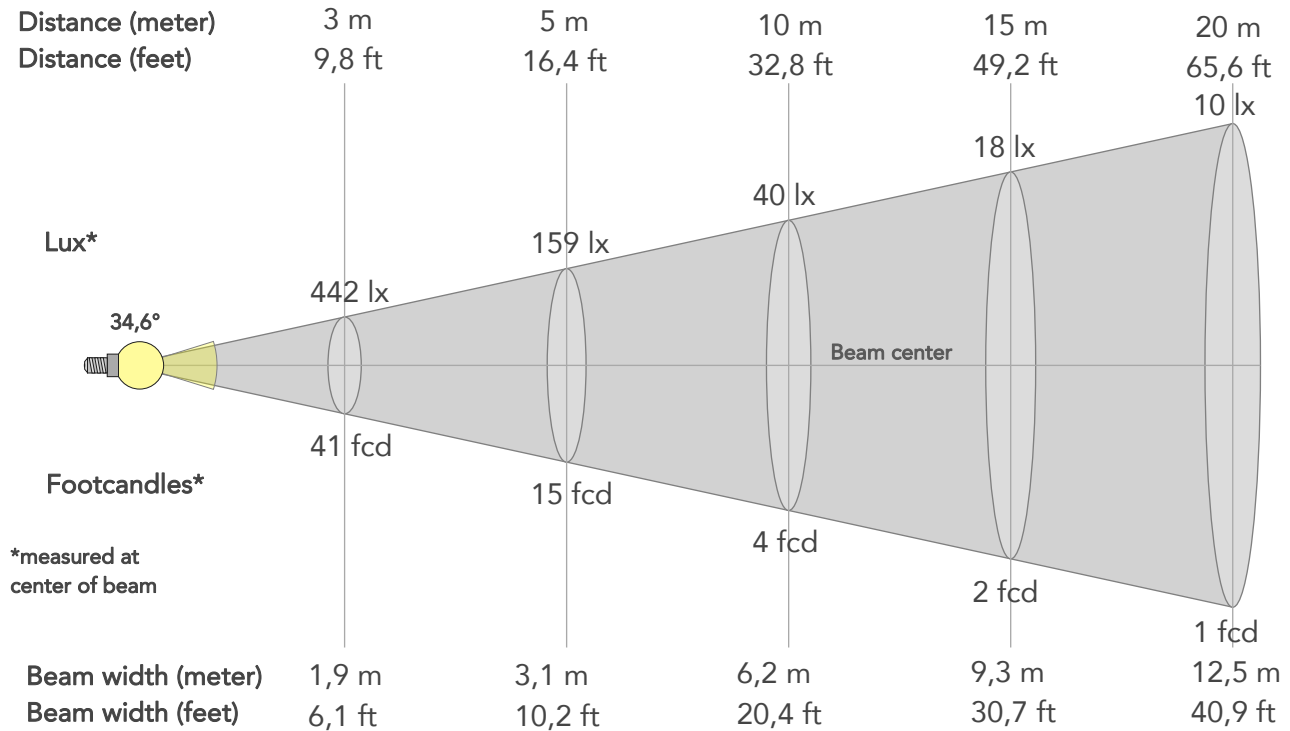
Cut off angle 2.5%: 82,2°

Spectra



BEAM DETAILS

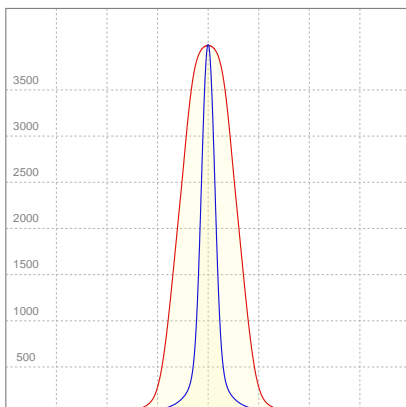
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
34,6°	57,4°	82,2°	98,2%	93,4%



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	3982lx	995lx	442lx	249lx	159lx	71lx	40lx	18lx	10lx	6lx	4lx	2lx	2lx
Footcand.	370fcd	92fcd	41fcd	23fcd	15fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,9m	2,5m	3,1m	4,7m	6,2m	9,3m	12,5m	15,6m	18,7m	24,9m	31,2m
Beam wid.	2,1ft	4,1ft	6,1ft	8,2ft	10,2ft	15,3ft	20,4ft	30,7ft	40,9ft	51,1ft	61,3ft	81,8ft	102,2ft

LINEAR DISTRIBUTION DIAGRAM

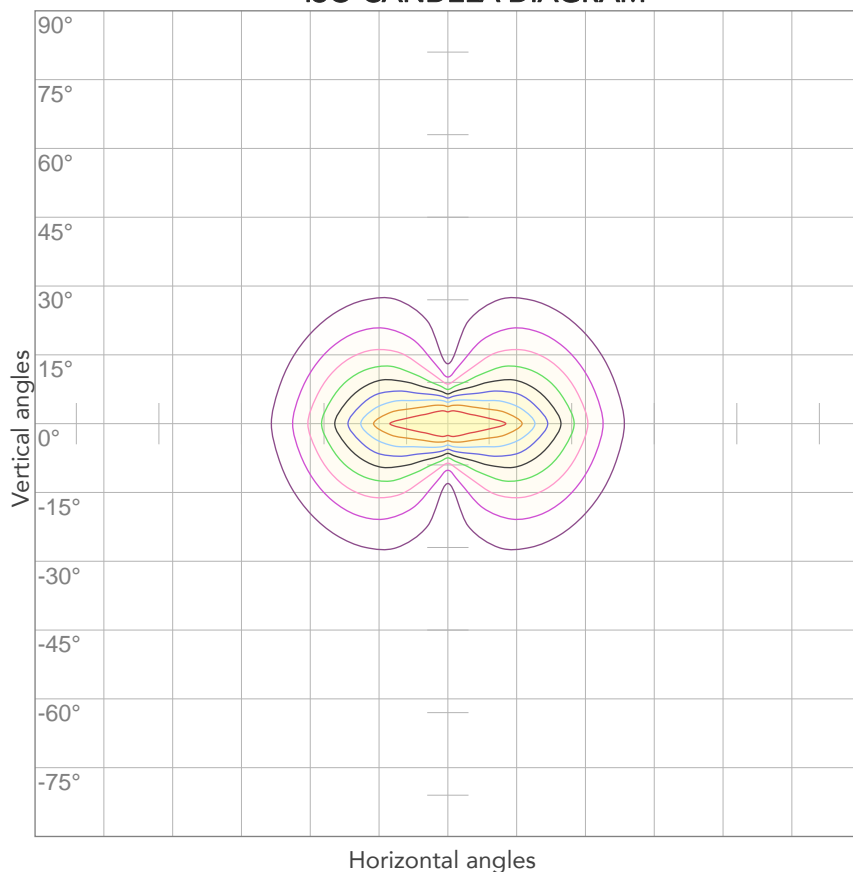


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,207A	39,5W	50lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



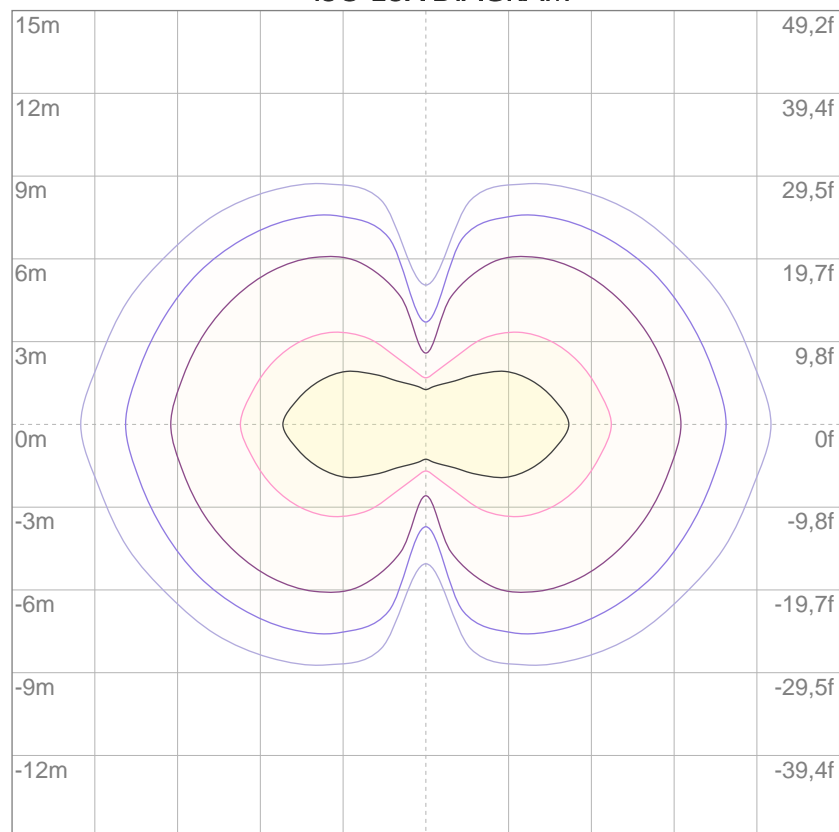
10%	398 cd
20%	796 cd
30%	1195 cd
40%	1593 cd
50%	1991 cd
60%	2389 cd
70%	2787 cd
80%	3186 cd

Conditions:

Number of c-planes: 4

Candela at center: 3982 cd

ISO LUX DIAGRAM



3%	1,19 lx
5%	1,99 lx
10%	3,98 lx
30%	11,9 lx
50%	19,9 lx

Conditions:

Number of c-planes: 4

Lux at center: 39,8 lx

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



Total lumen output:

2262 lm

Peak candela output:

26347 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

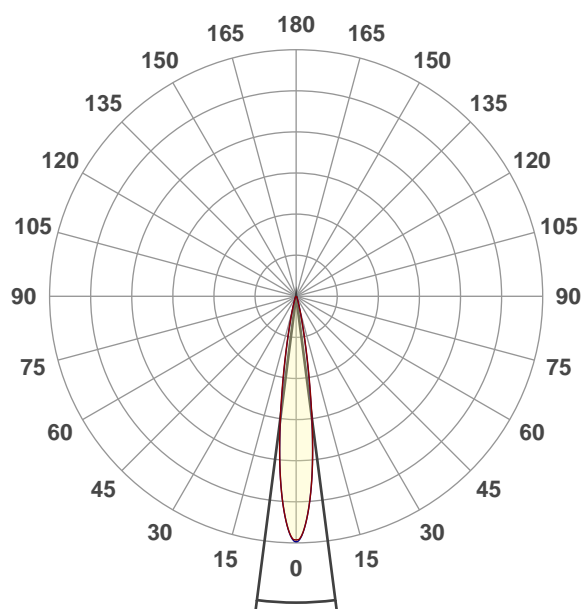
Green

Operator:

Paolo Carvone

Date and time:

31/07/2020 12:24:40

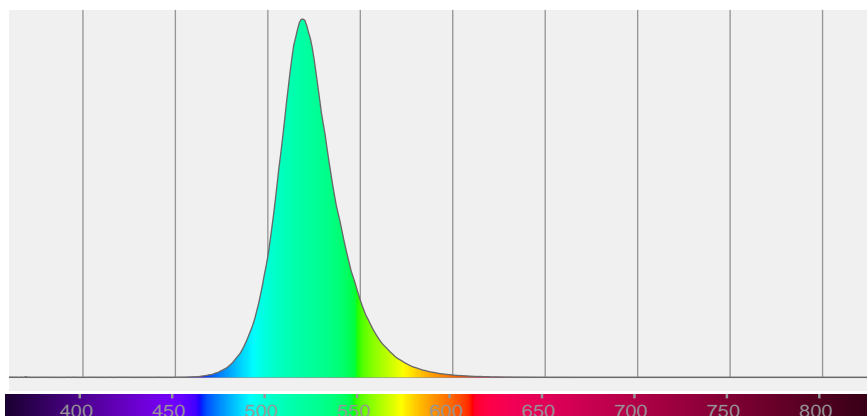


Beam angle 50%: 14,7°

Field angle 10%: 26,4°

Cut off angle 2.5%: 39,1°

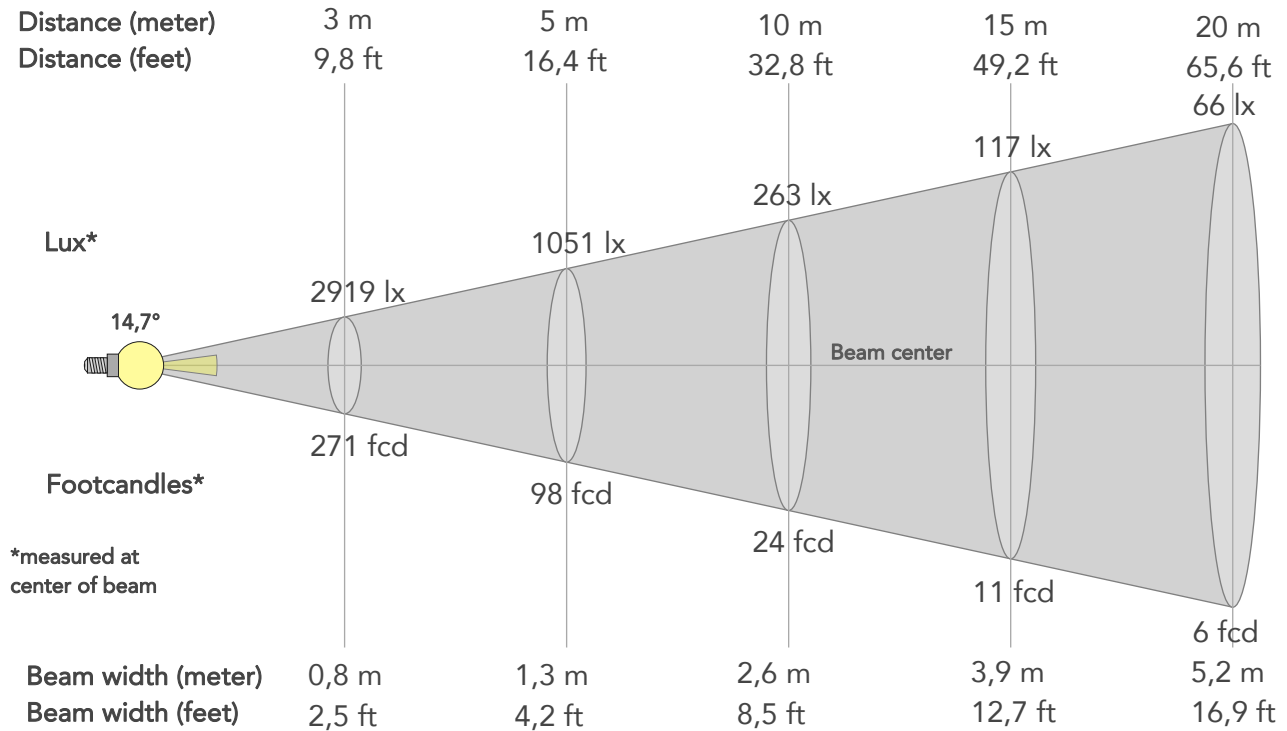
Spectra



BEAM DETAILS



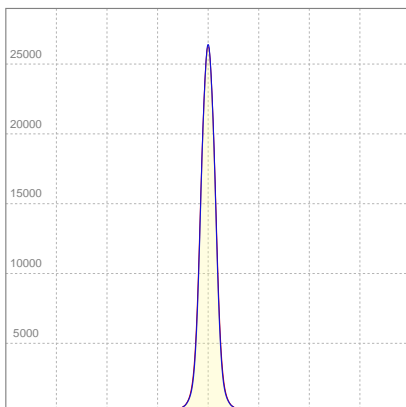
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,7°	26,4°	39,1°	99,9%	98,6%



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	26268lx	6567lx	2919lx	1642lx	1051lx	467lx	263lx	117lx	66lx	42lx	29lx	16lx	11lx
Footcand.	2440fcd	610fcd	271fcd	153fcd	98fcd	43fcd	24fcd	11fcd	6fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,3m	0,5m	0,8m	1m	1,3m	1,9m	2,6m	3,9m	5,2m	6,5m	7,7m	10,3m	12,9m
Beam wid.	0,9ft	1,7ft	2,5ft	3,4ft	4,2ft	6,4ft	8,5ft	12,7ft	16,9ft	21,2ft	25,4ft	33,9ft	42,4ft

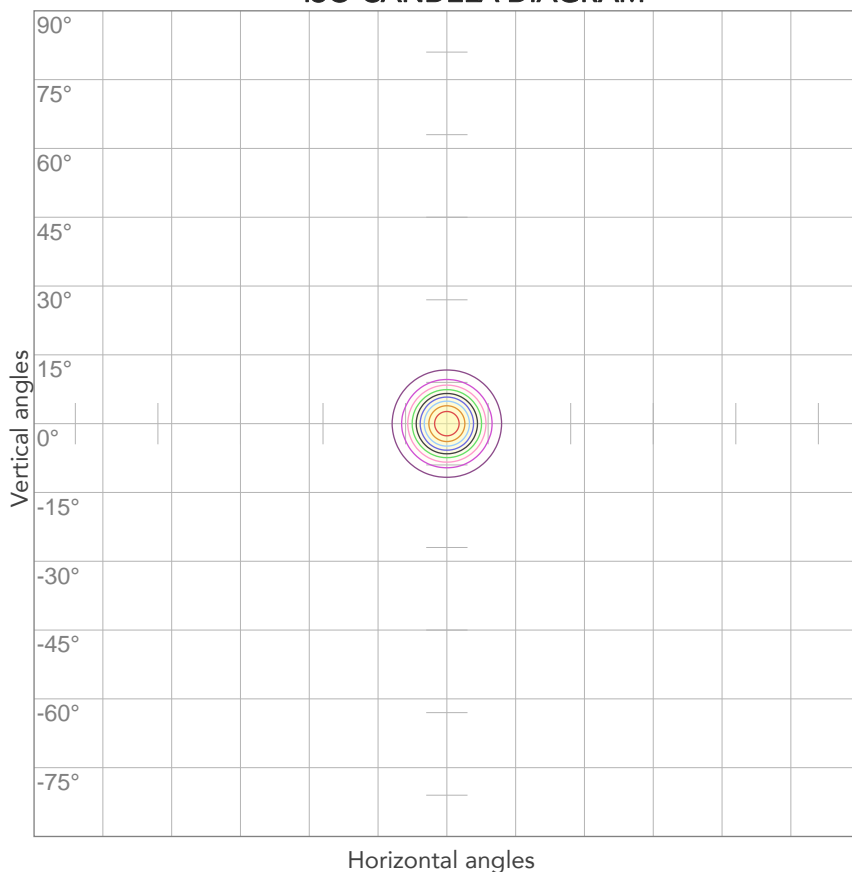
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,215A	41,2W	55lm/W

ISO CANDELA DIAGRAM



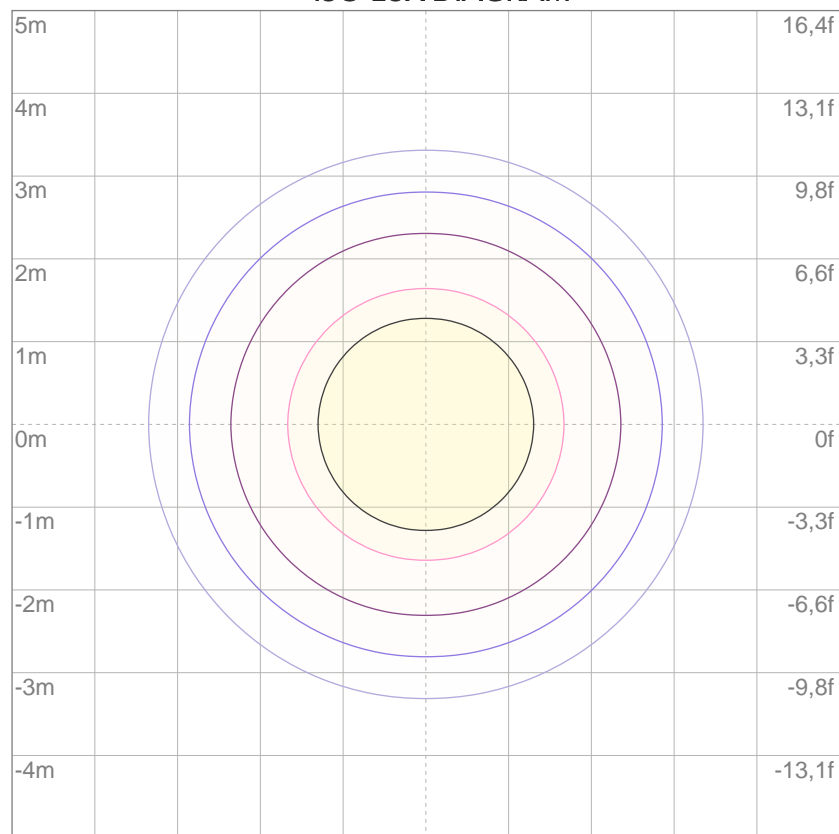
10%	2627 cd
20%	5254 cd
30%	7880 cd
40%	10507 cd
50%	13134 cd
60%	15761 cd
70%	18388 cd
80%	21014 cd

Conditions:

Number of c-planes: 4

Candela at center: 26268 cd

ISO LUX DIAGRAM



3%	7,88 lx
5%	13,1 lx
10%	26,3 lx
30%	78,8 lx
50%	131 lx

Conditions:

Number of c-planes: 4

Lux at center: 263 lx

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



Total lumen output:

2177 lm

Peak candela output:

11638 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

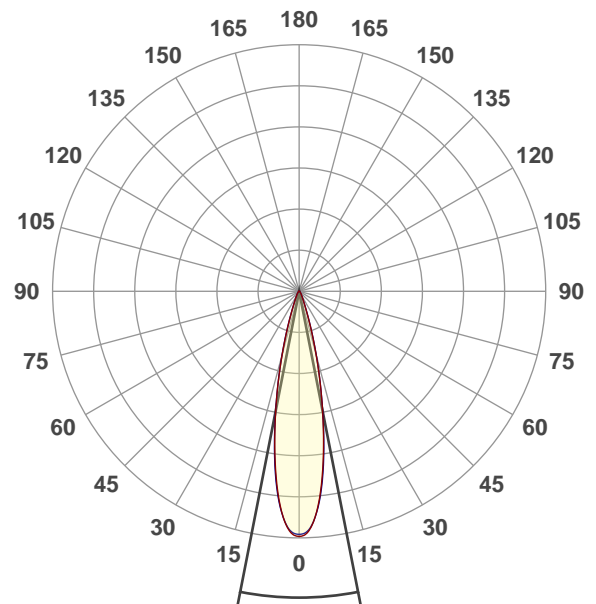
Green

Operator:

Paolo Carvone

Date and time:

27/02/2020 13:07:09

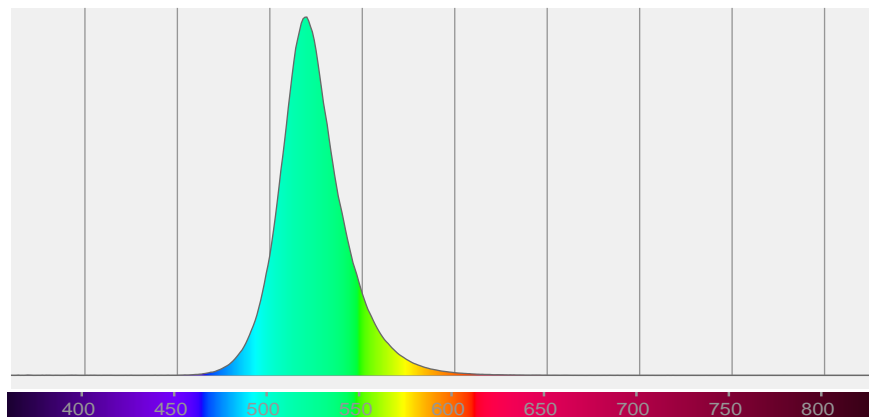


Beam angle 50%: 22,2°

Field angle 10%: 39,3°

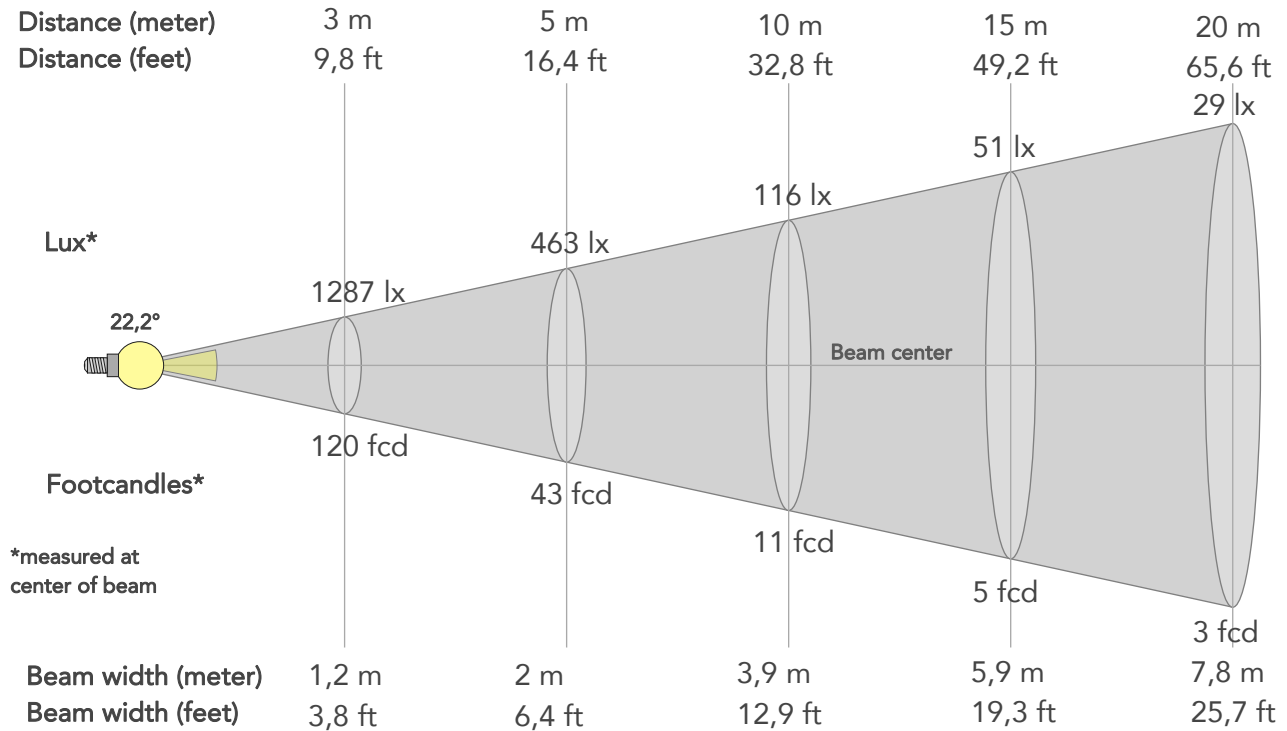
Cut off angle 2.5%: 56,7°

Spectra



BEAM DETAILS

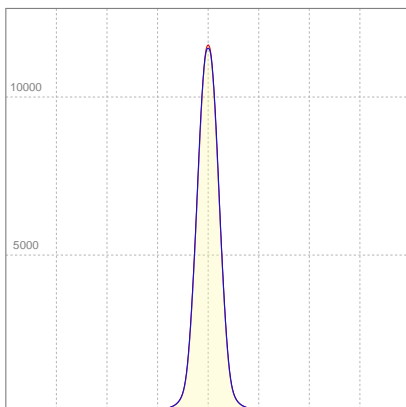
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,2°	39,3°	56,7°	98,9%	96,2%



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	11585lx	2896lx	1287lx	724lx	463lx	206lx	116lx	51lx	29lx	19lx	13lx	7lx	5lx
Footcand.	1076fcd	269fcd	120fcd	67fcd	43fcd	19fcd	11fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	2,9m	3,9m	5,9m	7,8m	9,8m	11,8m	15,7m	19,6m
Beam wid.	1,3ft	2,6ft	3,8ft	5,1ft	6,4ft	9,6ft	12,9ft	19,3ft	25,7ft	32,2ft	38,6ft	51,4ft	64,3ft

LINEAR DISTRIBUTION DIAGRAM

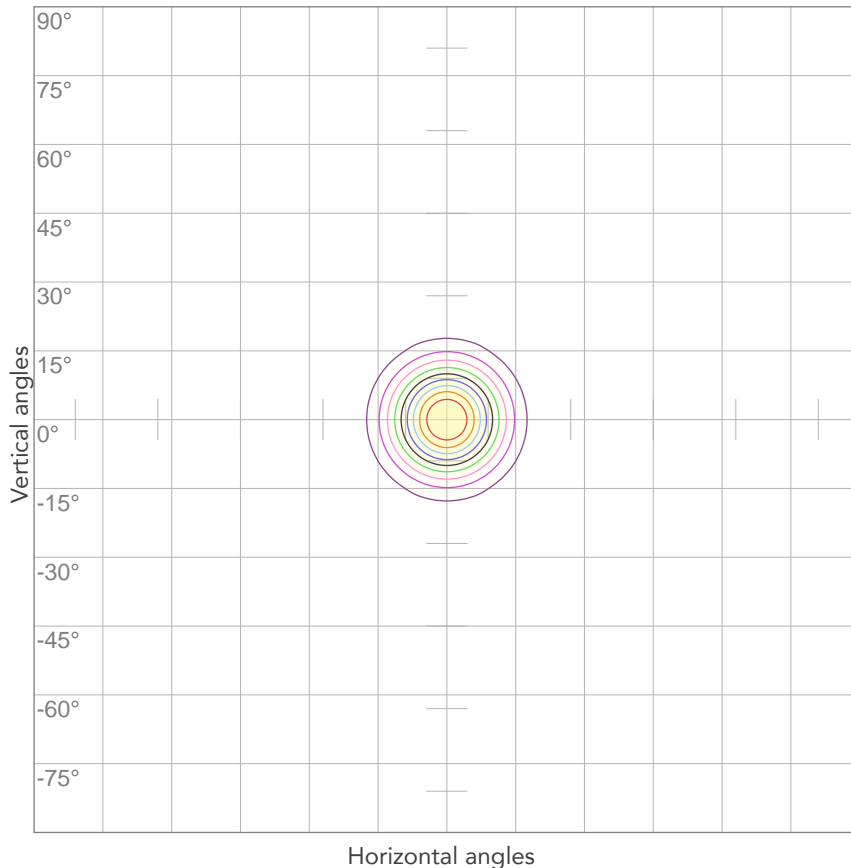


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,207A	39,2W	55lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



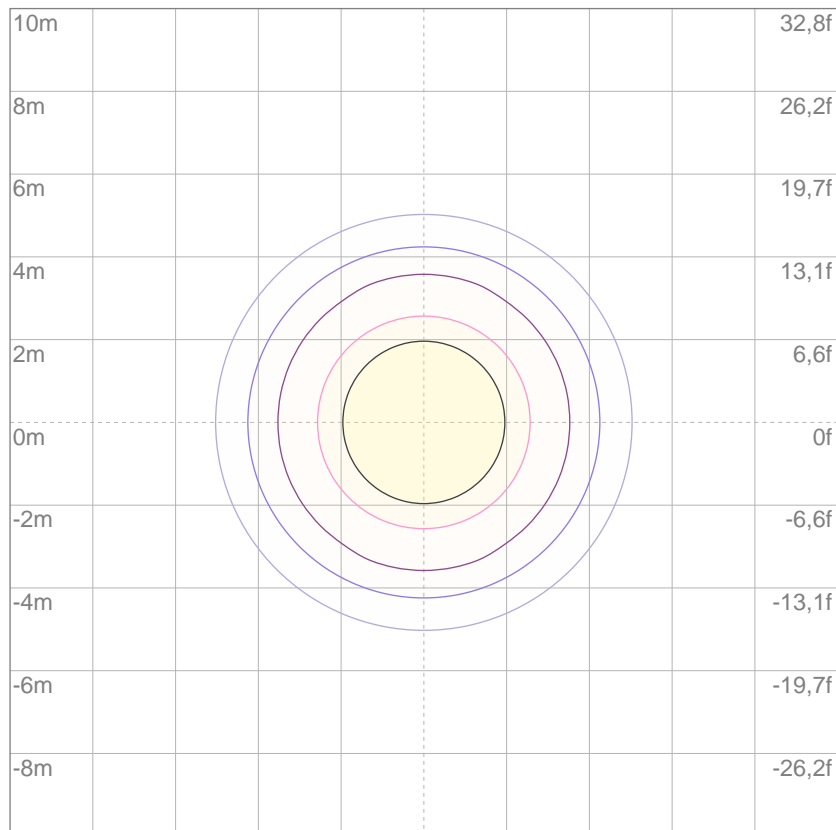
10%	1159 cd
20%	2317 cd
30%	3476 cd
40%	4634 cd
50%	5793 cd
60%	6951 cd
70%	8110 cd
80%	9268 cd

Conditions:

Number of c-planes: 4

Candela at center: 11585 cd

ISO LUX DIAGRAM



3%	3,48 lx
5%	5,79 lx
10%	11,6 lx
30%	34,8 lx
50%	57,9 lx

Conditions:

Number of c-planes: 4

Lux at center: 116 lx

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



Total lumen output:

1880 lm

Peak candela output:

2502 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

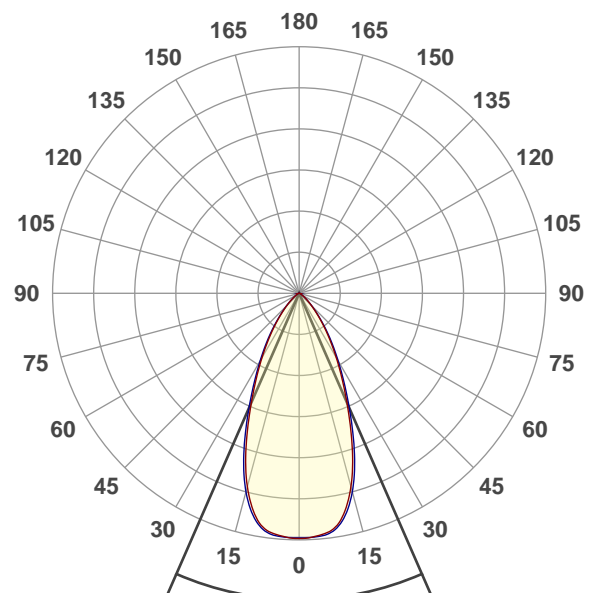
Green

Operator:

Paolo Carvone

Date and time:

27/02/2020 14:41:04

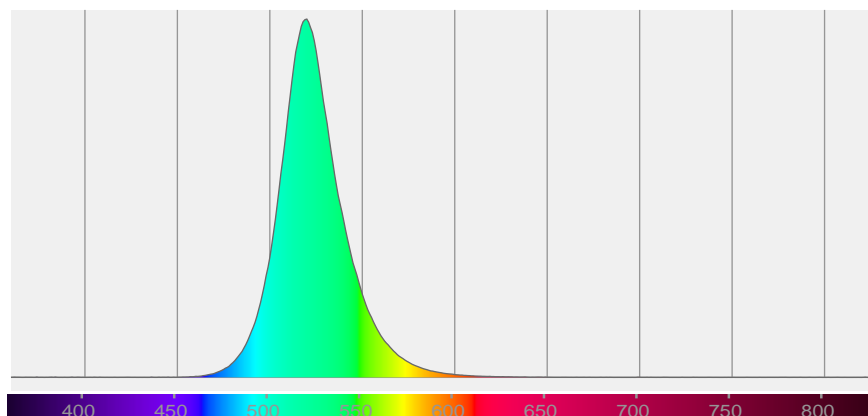


Beam angle 50%: 47,2°

Field angle 10%: 84,3°

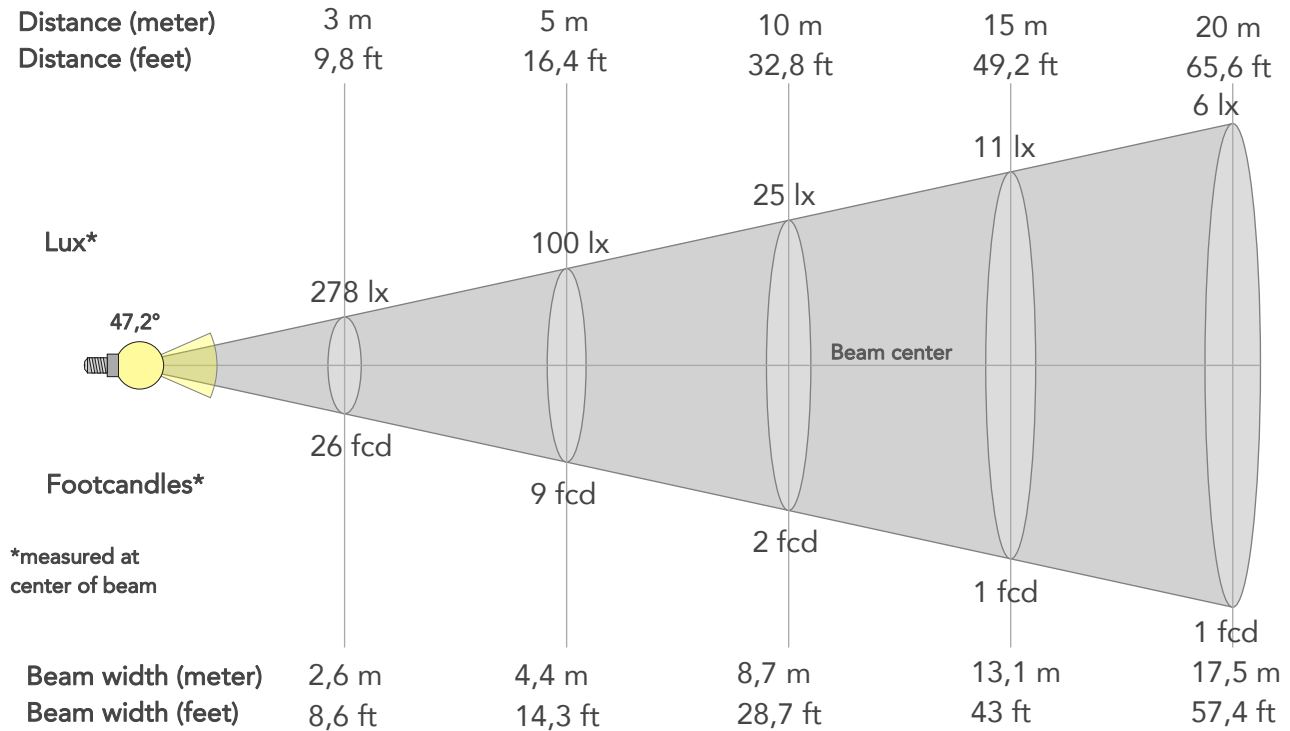
Cut off angle 2.5%: 107,4°

Spectra



BEAM DETAILS

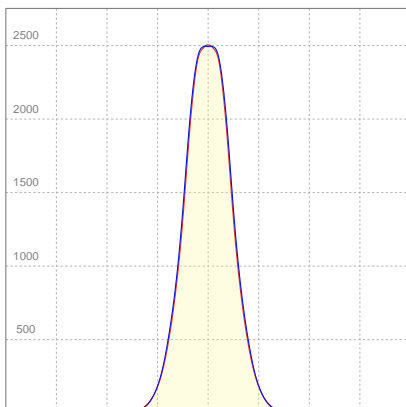
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,2°	84,3°	107,4°	97,8%	92,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	2498lx	624lx	278lx	156lx	100lx	44lx	25lx	11lx	6lx	4lx	3lx	2lx	1lx
Footcand.	232fcd	58fcd	26fcd	15fcd	9fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,4m	6,6m	8,7m	13,1m	17,5m	21,9m	26,2m	35m	43,7m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,3ft	21,5ft	28,7ft	43ft	57,4ft	71,7ft	86,1ft	114,8ft	143,5ft

LINEAR DISTRIBUTION DIAGRAM

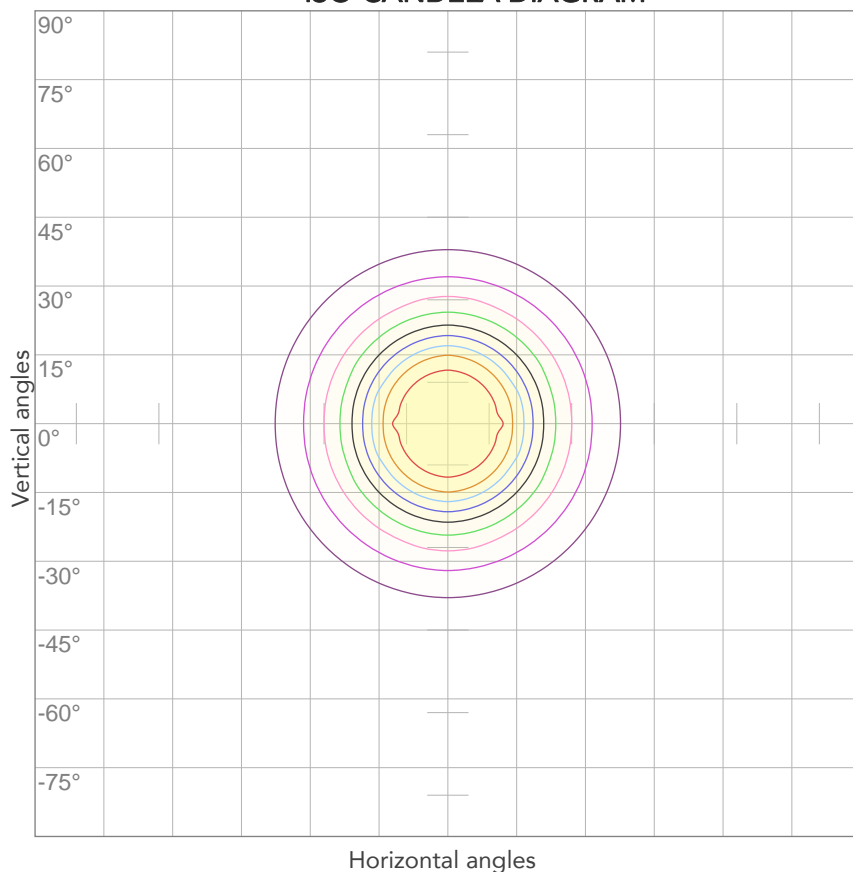


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,205A	38,8W	48lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



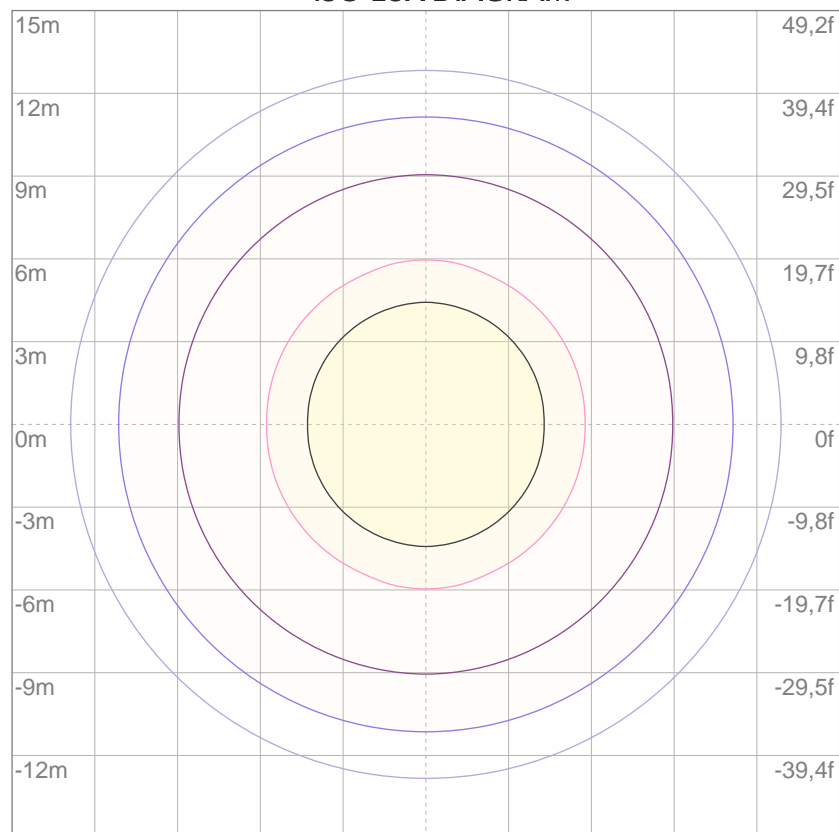
10%	250 cd
20%	500 cd
30%	749 cd
40%	999 cd
50%	1249 cd
60%	1499 cd
70%	1748 cd
80%	1998 cd

Conditions:

Number of c-planes: 4

Candela at center: 2498 cd

ISO LUX DIAGRAM



3%	0,749 lx
5%	1,25 lx
10%	2,50 lx
30%	7,49 lx
50%	12,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 25,0 lx

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



Total lumen output:

353 lm

Peak candela output:

6313 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

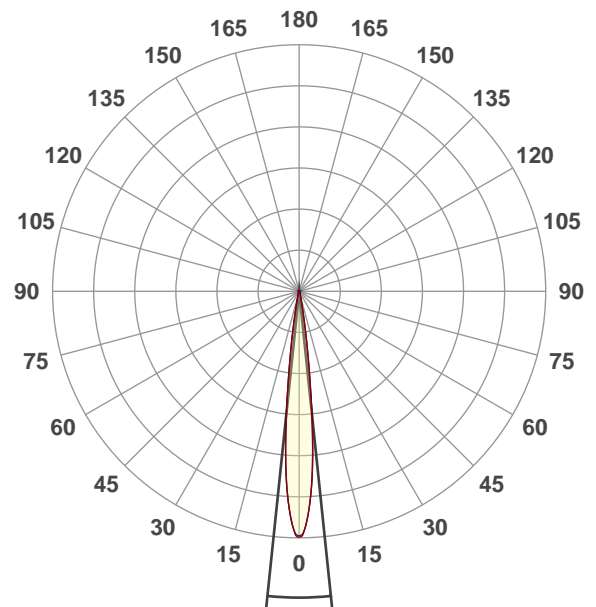
Blue

Operator:

Paolo Carvone

Date and time:

17/03/2020 16:04:27

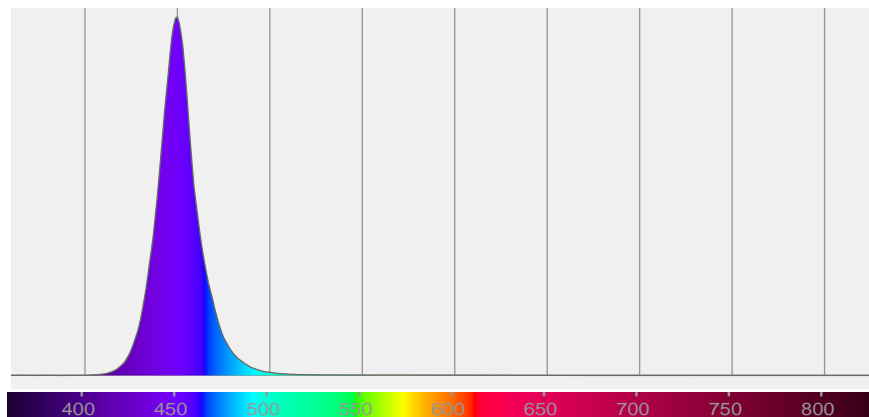


Beam angle 50%: 11,9°

Field angle 10%: 20,4°

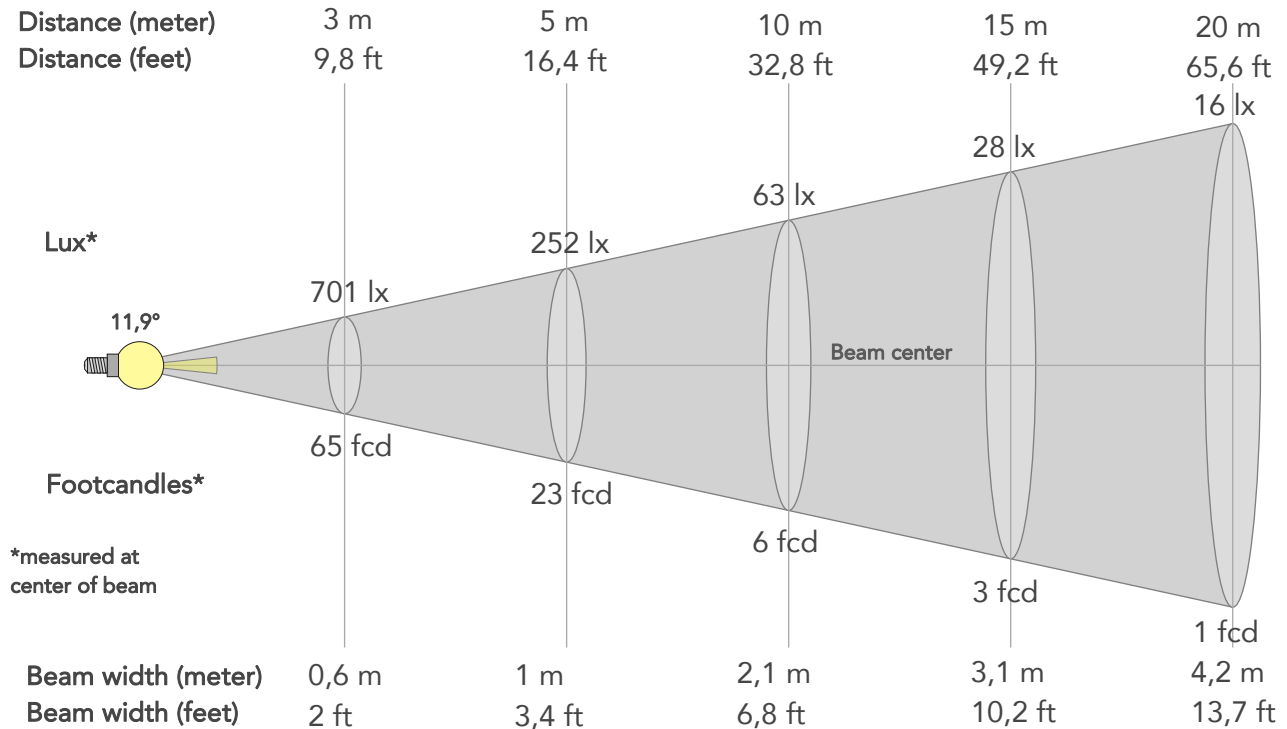
Cut off angle 2.5%: 28,6°

Spectra



BEAM DETAILS

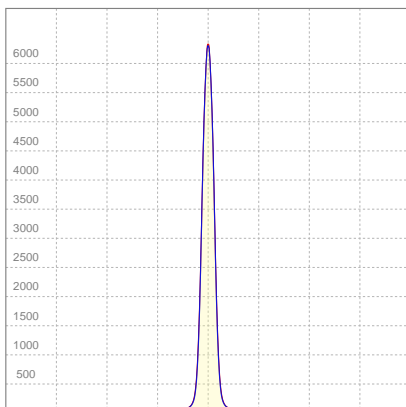
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,9°	20,4°	28,6°	99,2%	97,4%



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	6305lx	1576lx	701lx	394lx	252lx	112lx	63lx	28lx	16lx	10lx	7lx	4lx	3lx
Footcand.	586fcd	146fcd	65fcd	37fcd	23fcd	10fcd	6fcd	3fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,6m	2,1m	3,1m	4,2m	5,2m	6,2m	8,3m	10,4m
Beam wid.	0,7ft	1,4ft	2ft	2,7ft	3,4ft	5,1ft	6,8ft	10,2ft	13,7ft	17,1ft	20,5ft	27,3ft	34,1ft

LINEAR DISTRIBUTION DIAGRAM

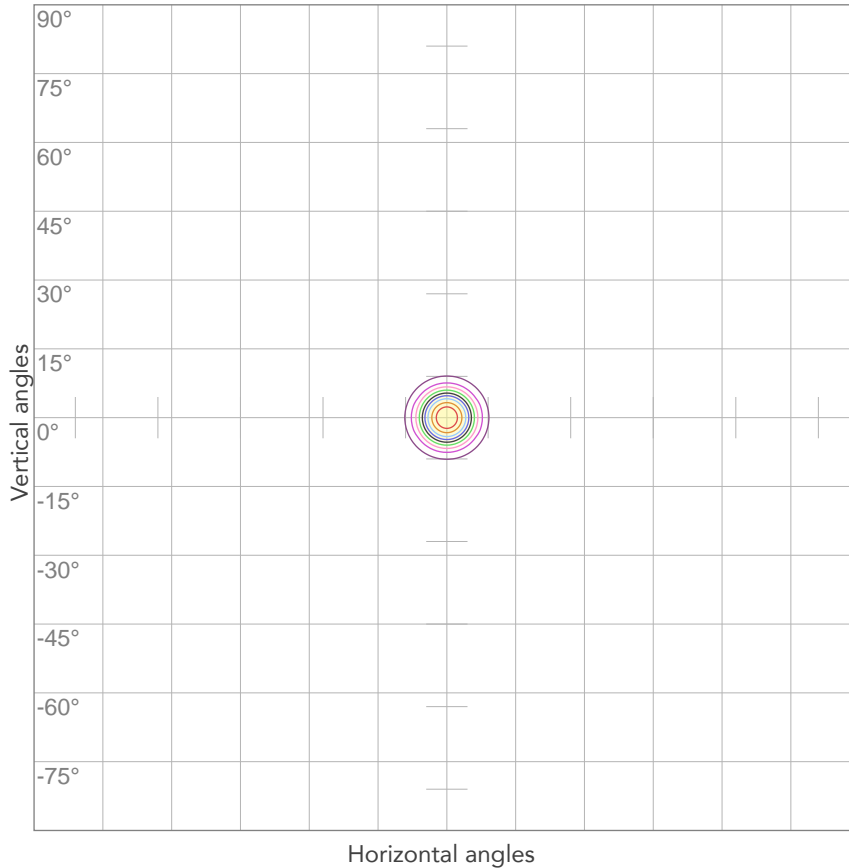


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,203A	38,4W	9lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



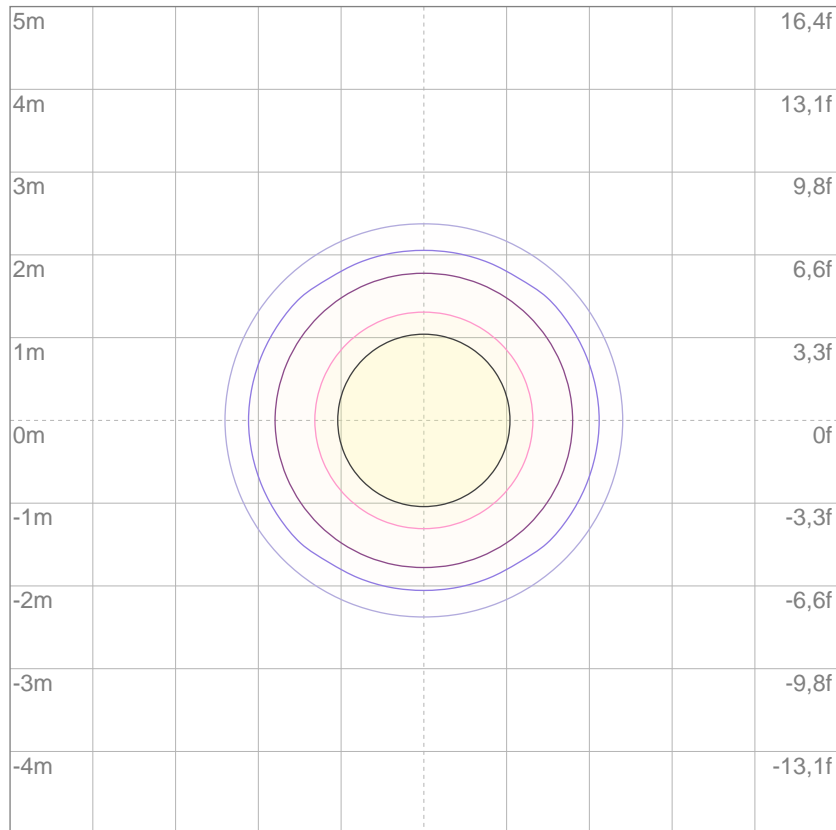
10%	631 cd
20%	1261 cd
30%	1892 cd
40%	2522 cd
50%	3153 cd
60%	3783 cd
70%	4414 cd
80%	5044 cd

Conditions:

Number of c-planes: 4

Candela at center: 6305 cd

ISO LUX DIAGRAM



3%	1,89 lx
5%	3,15 lx
10%	6,31 lx
30%	18,9 lx
50%	31,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 63,1 lx

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



Total lumen output:

382 lm

Peak candela output:

782 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

10°+F60x10

Target:

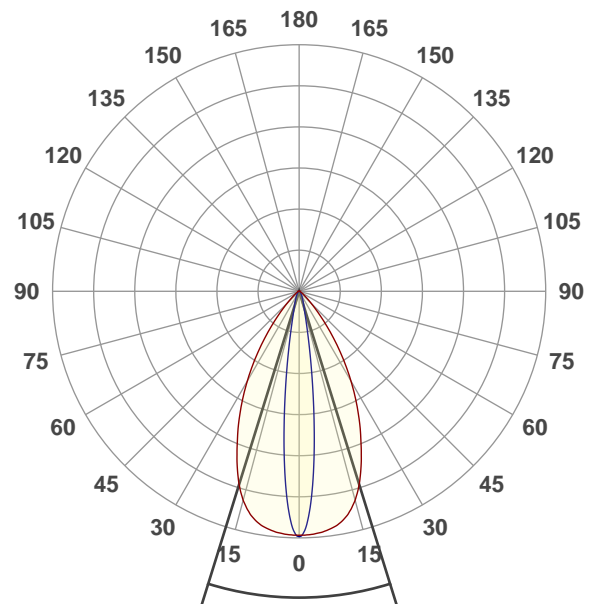
Blue

Operator:

Paolo Carvone

Date and time:

20/03/2020 16:00:57

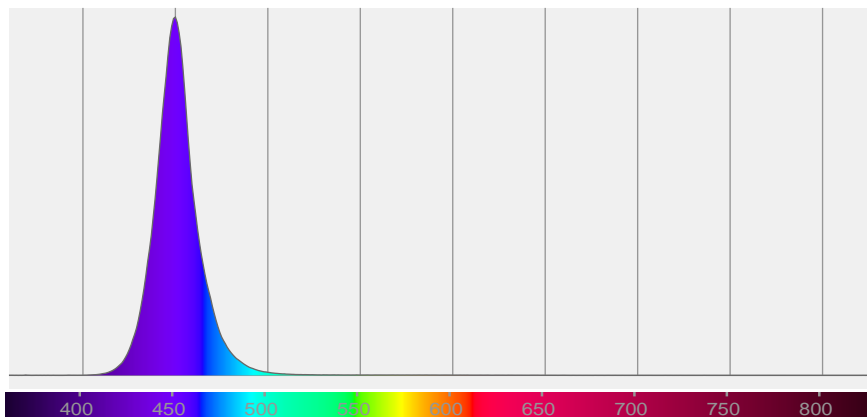


Beam angle 50%: 34,5°

Field angle 10%: 56,9°

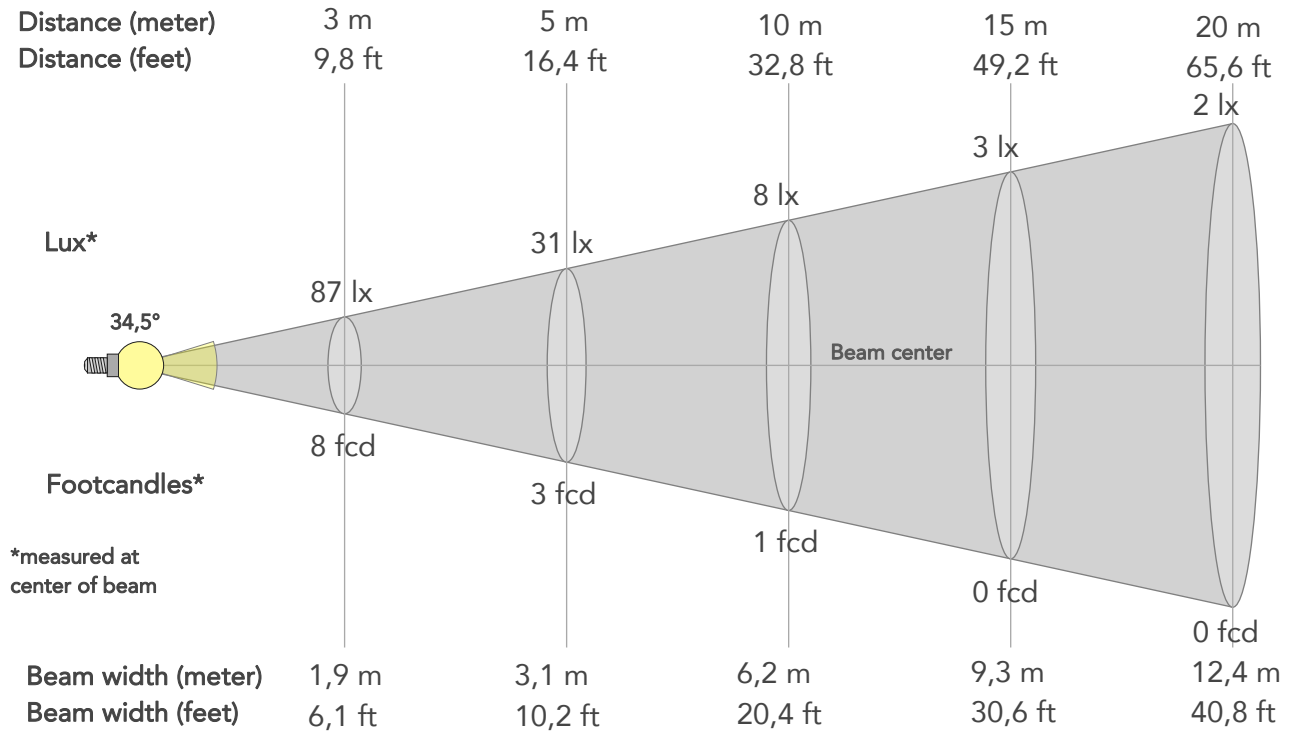
Cut off angle 2.5%: 80,9°

Spectra



BEAM DETAILS

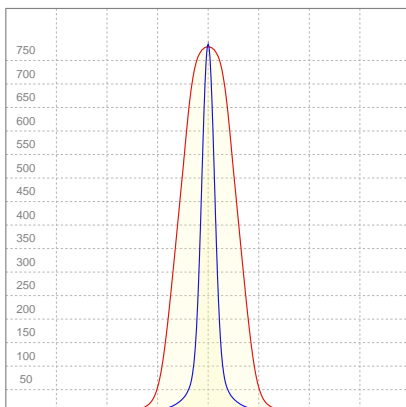
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
34,5°	56,9°	80,9°	98,5%	93,9%



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	781lx	195lx	87lx	49lx	31lx	14lx	8lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	73fcd	18fcd	8fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,9m	2,5m	3,1m	4,7m	6,2m	9,3m	12,4m	15,5m	18,7m	24,9m	31,1m
Beam wid.	2,1ft	4,1ft	6,1ft	8,1ft	10,2ft	15,3ft	20,4ft	30,6ft	40,8ft	51ft	61,2ft	81,6ft	102ft

LINEAR DISTRIBUTION DIAGRAM

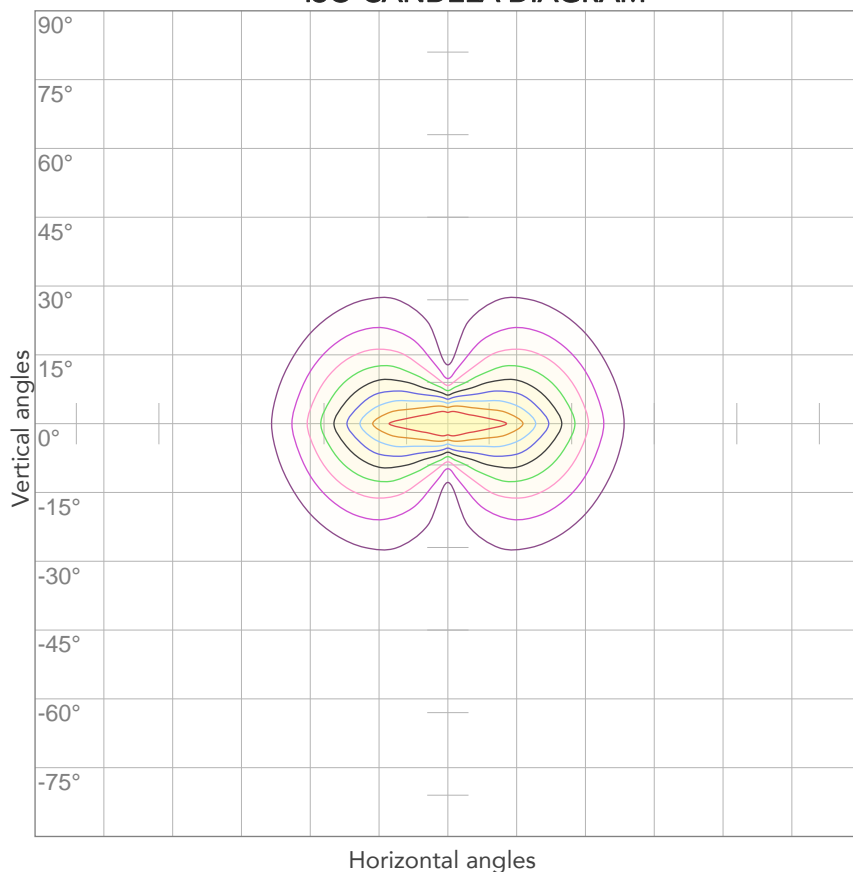


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,202A	38,3W	10lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



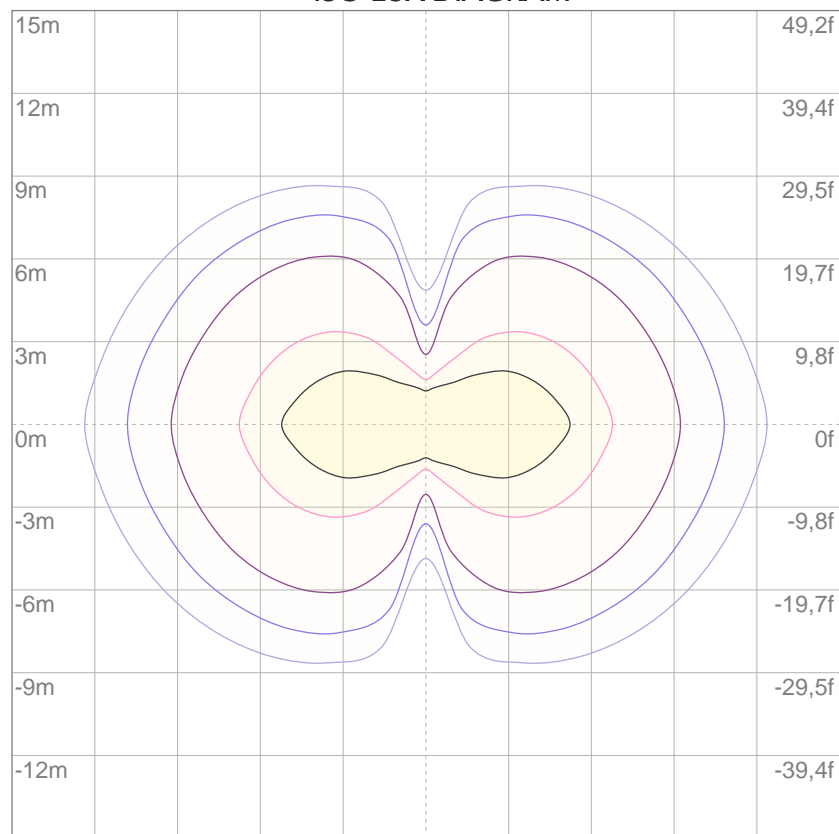
10%	78 cd
20%	156 cd
30%	234 cd
40%	312 cd
50%	390 cd
60%	468 cd
70%	546 cd
80%	624 cd

Conditions:

Number of c-planes: 4

Candela at center: 781 cd

ISO LUX DIAGRAM



3%	0,234 lx
5%	0,390 lx
10%	0,781 lx
30%	2,34 lx
50%	3,90 lx

Conditions:

Number of c-planes: 4

Lux at center: 7,81 lx

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



Total lumen output:

417 lm

Peak candela output:

5167 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

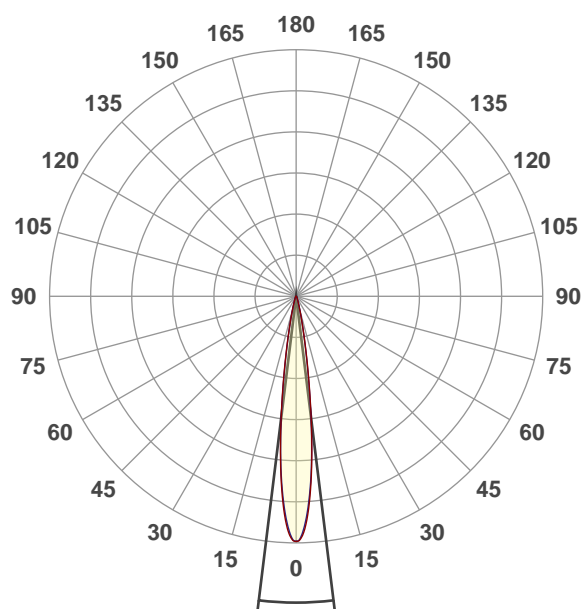
Blue

Operator:

Paolo Carvone

Date and time:

31/07/2020 12:17:22

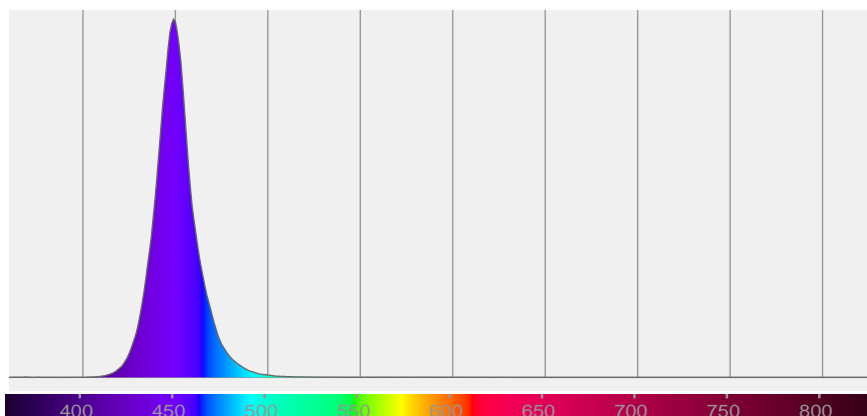


Beam angle 50%: 14°

Field angle 10%: 25,8°

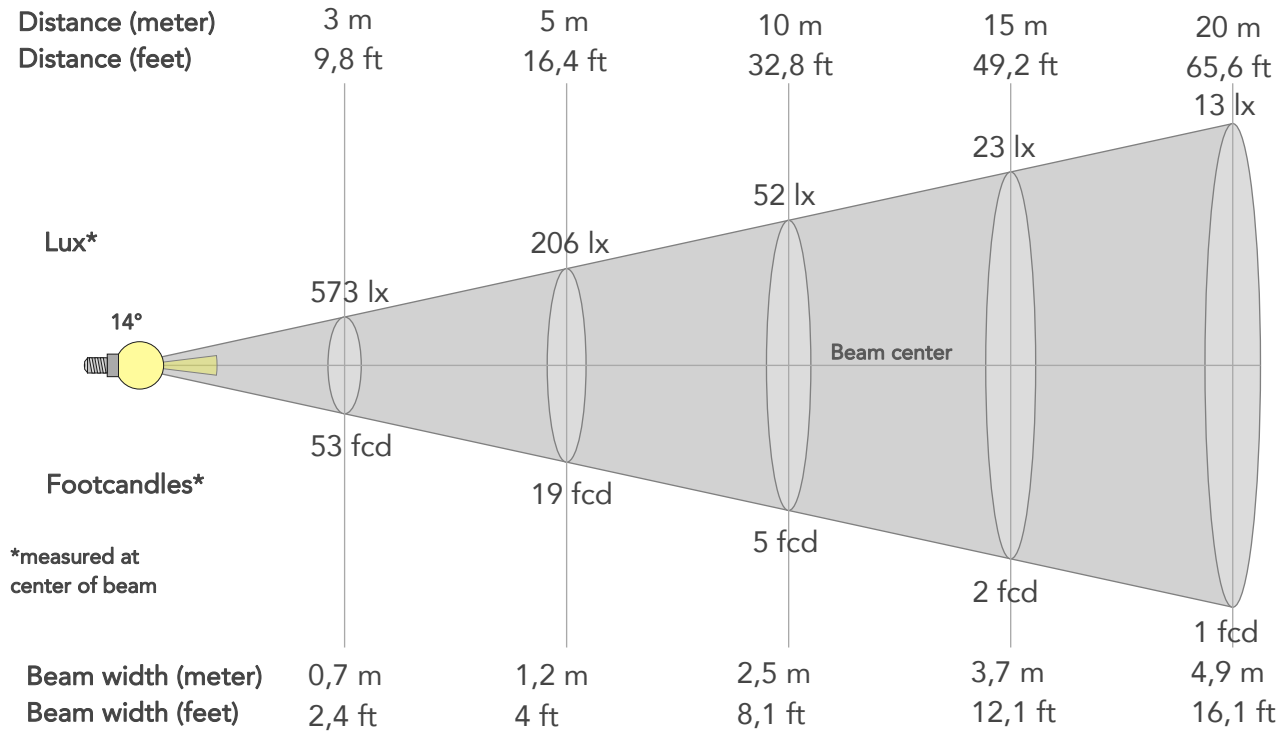
Cut off angle 2.5%: 38,3°

Spectra



BEAM DETAILS

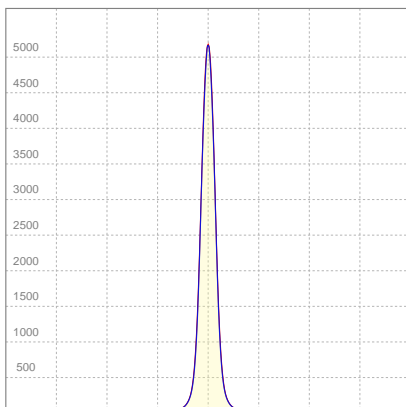
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14°	25,8°	38,3°	99,8%	98,5%



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	5160lx	1290lx	573lx	323lx	206lx	92lx	52lx	23lx	13lx	8lx	6lx	3lx	2lx
Footcand.	479fcd	120fcd	53fcd	30fcd	19fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,5m	3,7m	4,9m	6,1m	7,4m	9,8m	12,3m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6ft	8,1ft	12,1ft	16,1ft	20,1ft	24,2ft	32,2ft	40,3ft

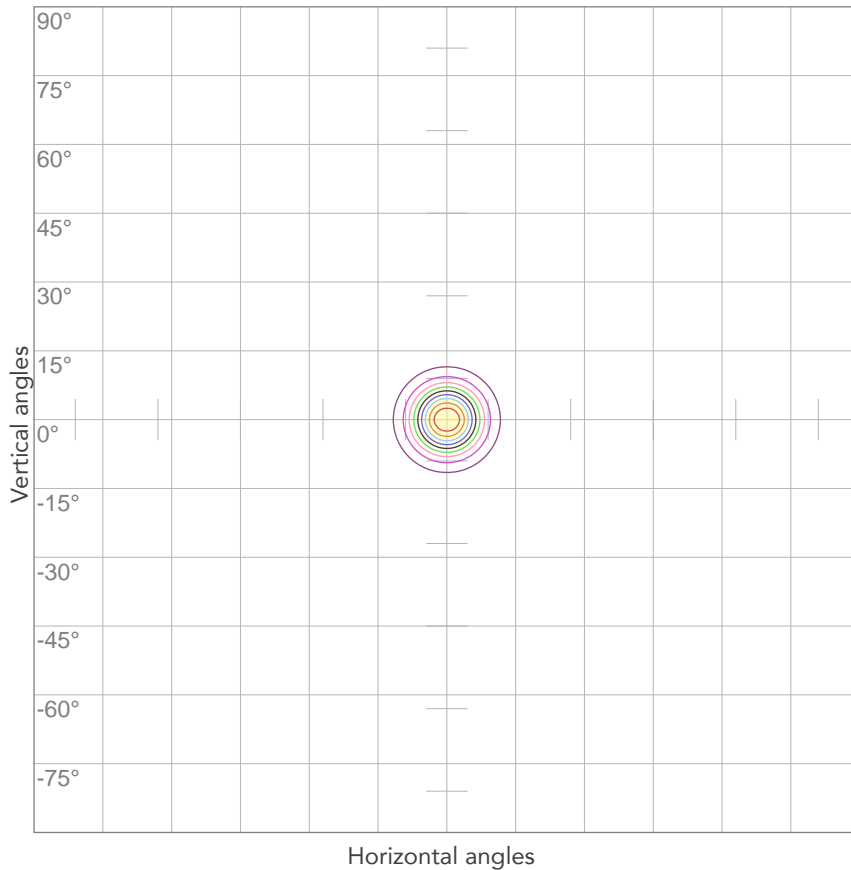
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,213A	40,7W	10lm/W

ISO CANDELA DIAGRAM



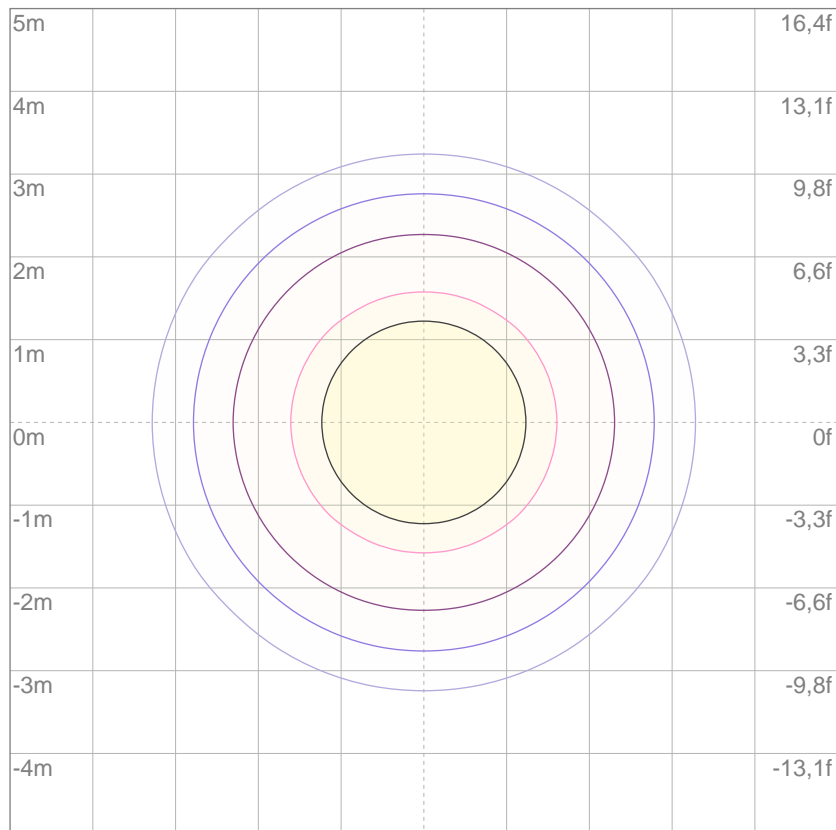
10%	516 cd
20%	1032 cd
30%	1548 cd
40%	2064 cd
50%	2580 cd
60%	3096 cd
70%	3612 cd
80%	4128 cd

Conditions:

Number of c-planes: 4

Candela at center: 5160 cd

ISO LUX DIAGRAM



3%	1,55 lx
5%	2,58 lx
10%	5,16 lx
30%	15,5 lx
50%	25,8 lx

Conditions:

Number of c-planes: 4

Lux at center: 51,6 lx

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



Total lumen output:

414 lm

Peak candela output:

2214 cd

PRODUCT NAME:

ArcPod15Q

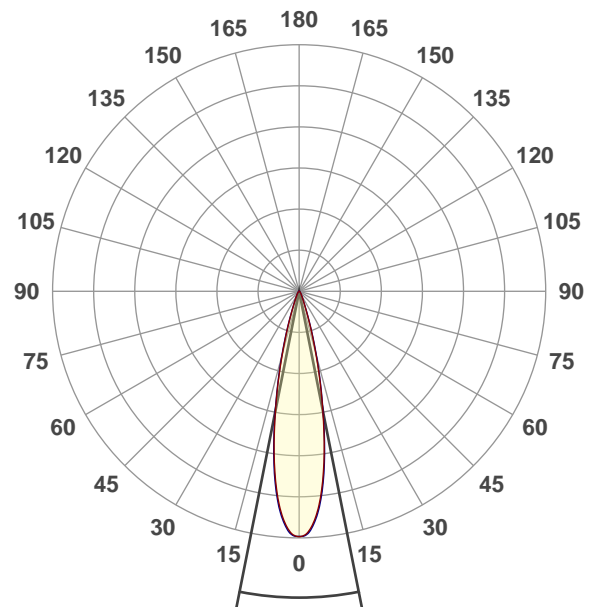
MEASUREMENT CONDITIONS:

Beam angle:
25°

Target:
Blue

Operator:
Paolo Carvone

Date and time:
27/02/2020 13:10:07

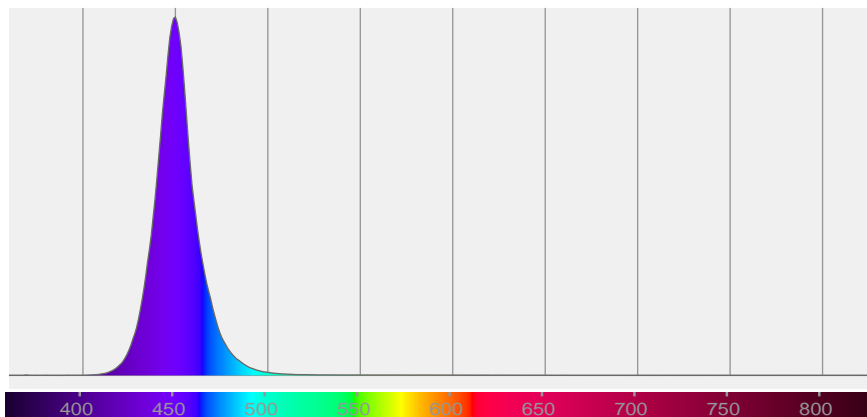


Beam angle 50%: 22,4°

Field angle 10%: 39°

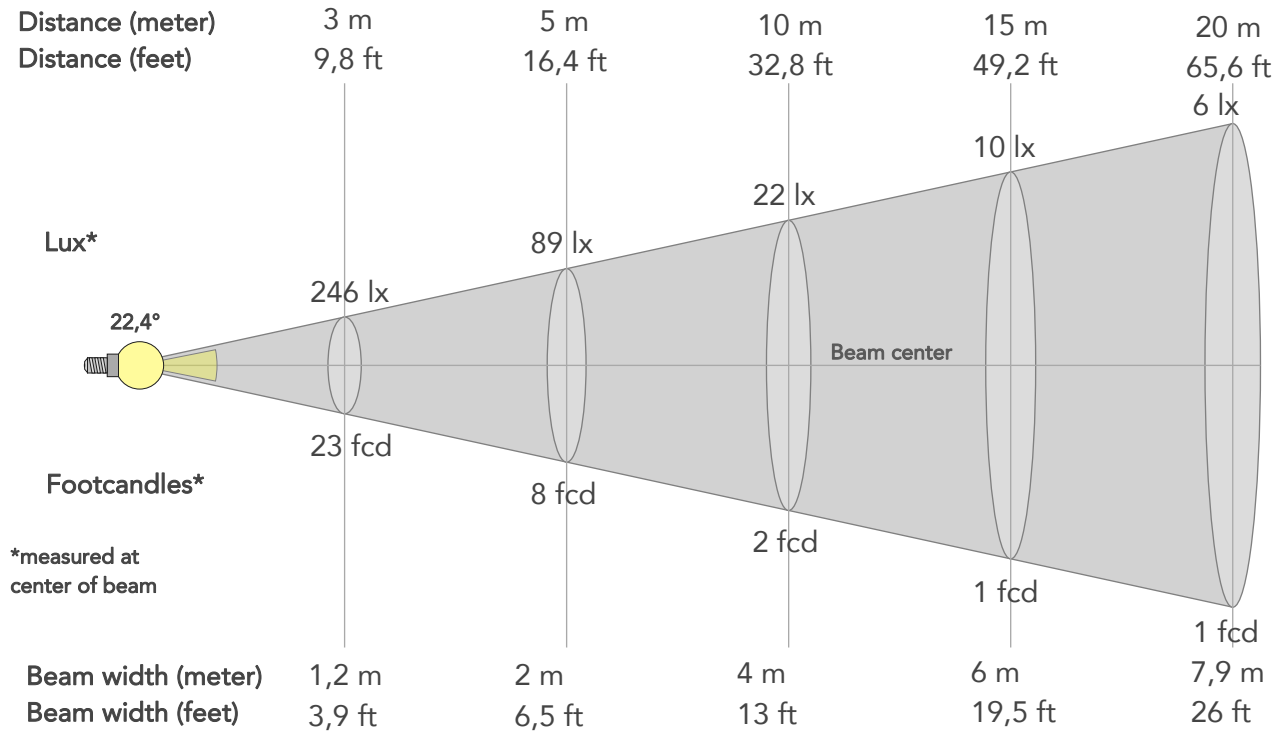
Cut off angle 2.5%: 55,9°

Spectra



BEAM DETAILS

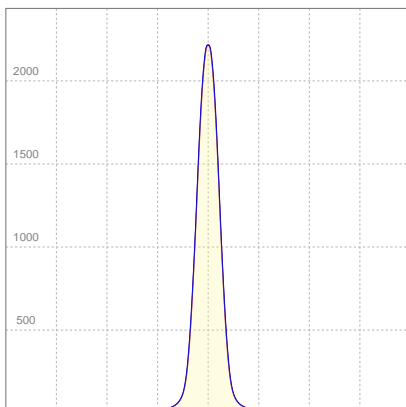
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,4°	39°	55,9°	98,9%	96,4%



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	2214lx	554lx	246lx	138lx	89lx	39lx	22lx	10lx	6lx	4lx	2lx	1lx	1lx
Footcand.	206fcd	51fcd	23fcd	13fcd	8fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3m	4m	6m	7,9m	9,9m	11,9m	15,9m	19,8m
Beam wid.	1,3ft	2,6ft	3,9ft	5,2ft	6,5ft	9,8ft	13ft	19,5ft	26ft	32,5ft	39ft	52ft	65,1ft

LINEAR DISTRIBUTION DIAGRAM

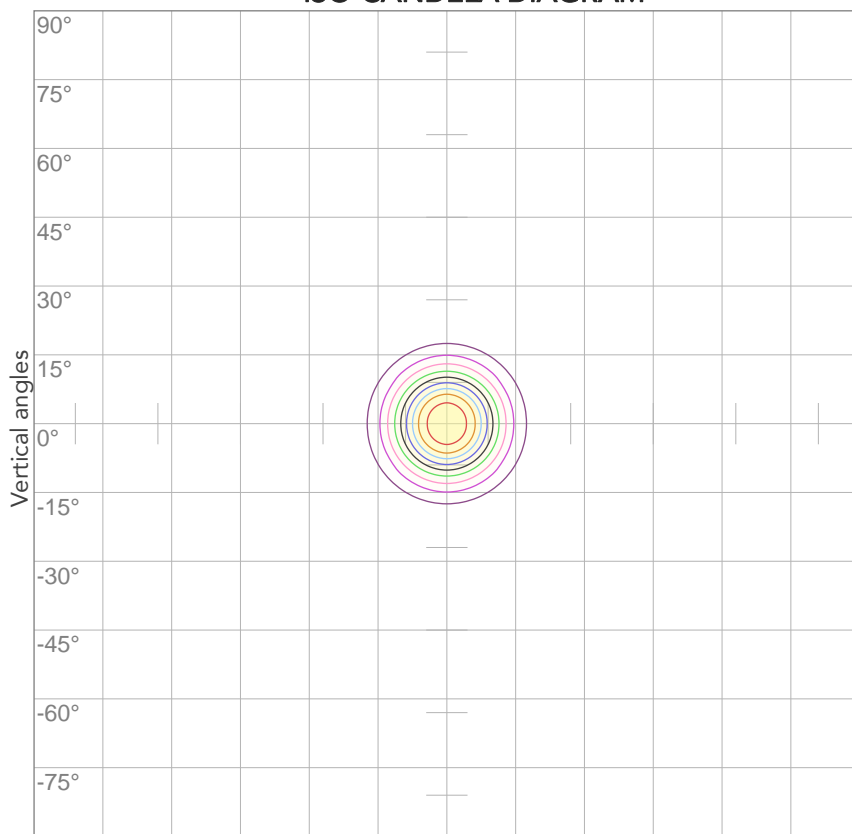


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,203A	38,2W	11lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



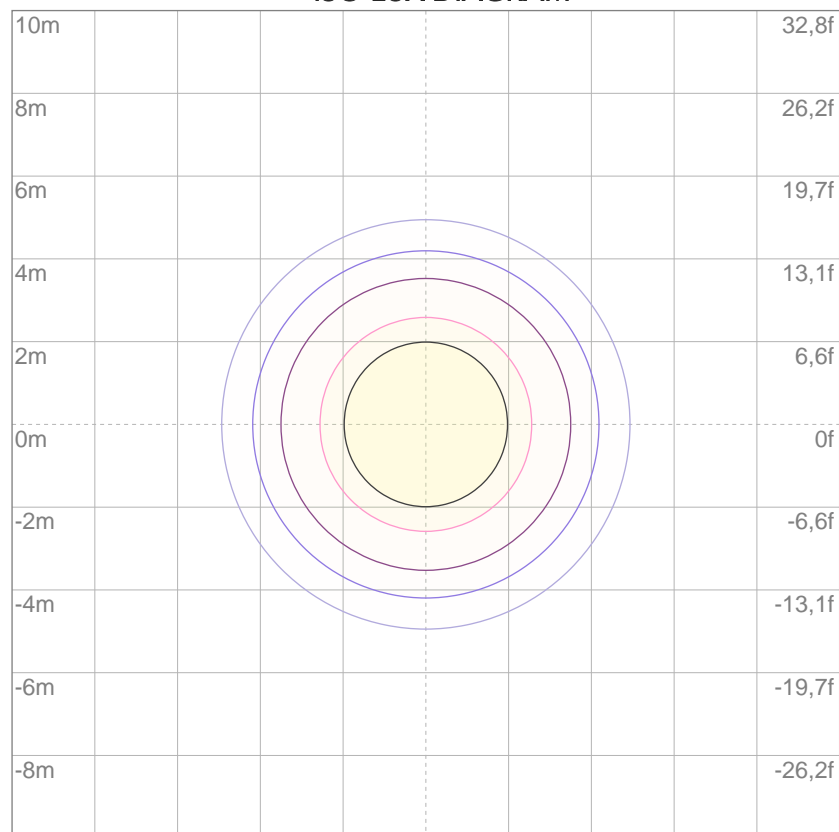
10%	221 cd
20%	443 cd
30%	664 cd
40%	886 cd
50%	1107 cd
60%	1329 cd
70%	1550 cd
80%	1771 cd

Conditions:

Number of c-planes: 4

Candela at center: 2214 cd

ISO LUX DIAGRAM



3%	0,664 lx
5%	1,11 lx
10%	2,21 lx
30%	6,64 lx
50%	11,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 22,1 lx

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



Total lumen output:

365 lm

Peak candela output:

496 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

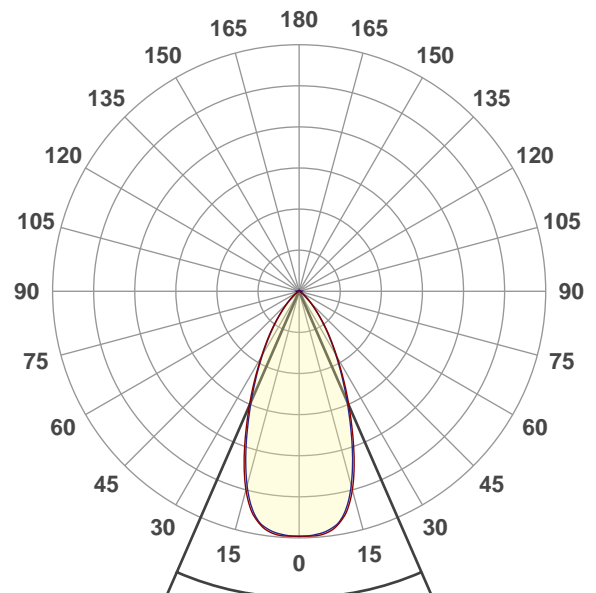
Blue

Operator:

Paolo Carvone

Date and time:

27/02/2020 14:43:56

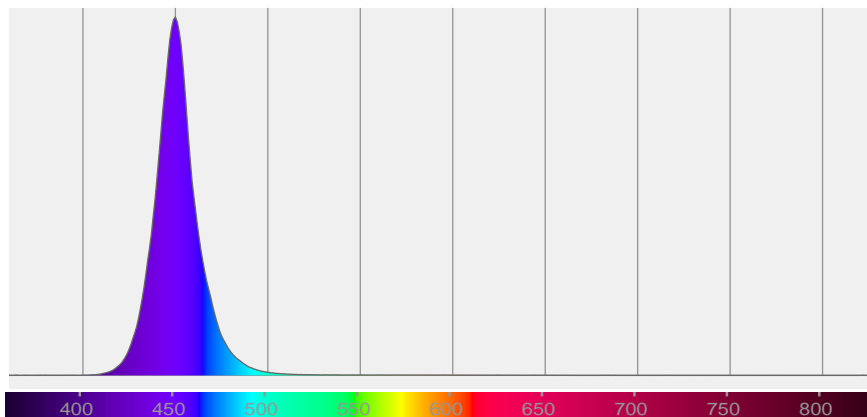


Beam angle 50%: 47,1°

Field angle 10%: 83,3°

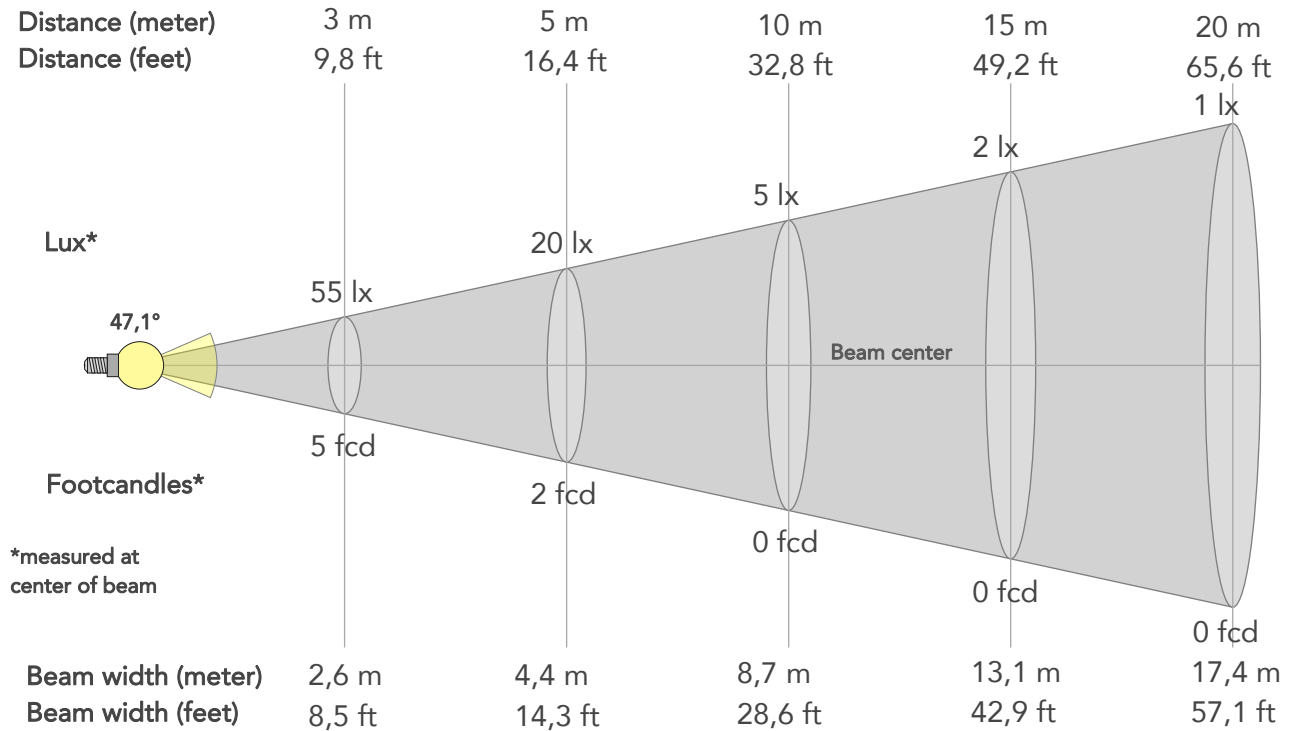
Cut off angle 2.5%: 106,2°

Spectra



BEAM DETAILS

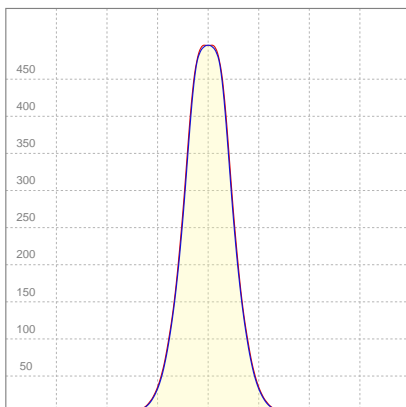
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,1°	83,3°	106,2°	98,4%	93,1%



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	496lx	124lx	55lx	31lx	20lx	9lx	5lx	2lx	1lx	1lx	1lx	0lx	0lx
Footcand.	46fcd	12fcd	5fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,4m	6,5m	8,7m	13,1m	17,4m	21,8m	26,1m	34,8m	43,6m
Beam wid.	2,9ft	5,7ft	8,5ft	11,4ft	14,3ft	21,4ft	28,6ft	42,9ft	57,1ft	71,4ft	85,7ft	114,3ft	142,8ft

LINEAR DISTRIBUTION DIAGRAM

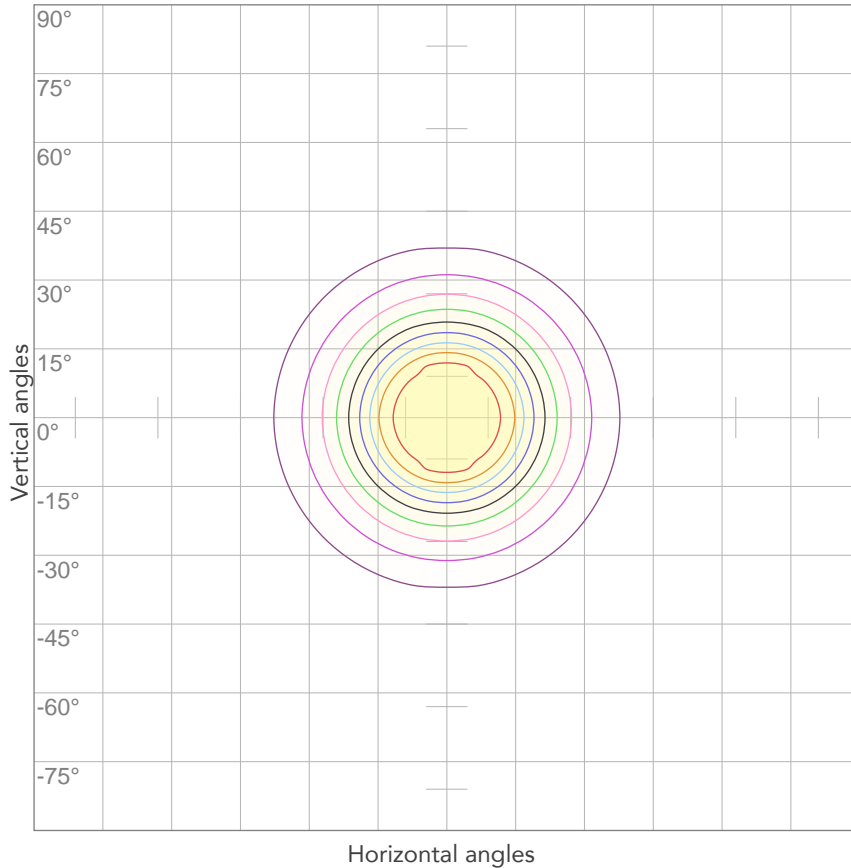


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Efficiency
224V	0,201A	37,7W	10lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



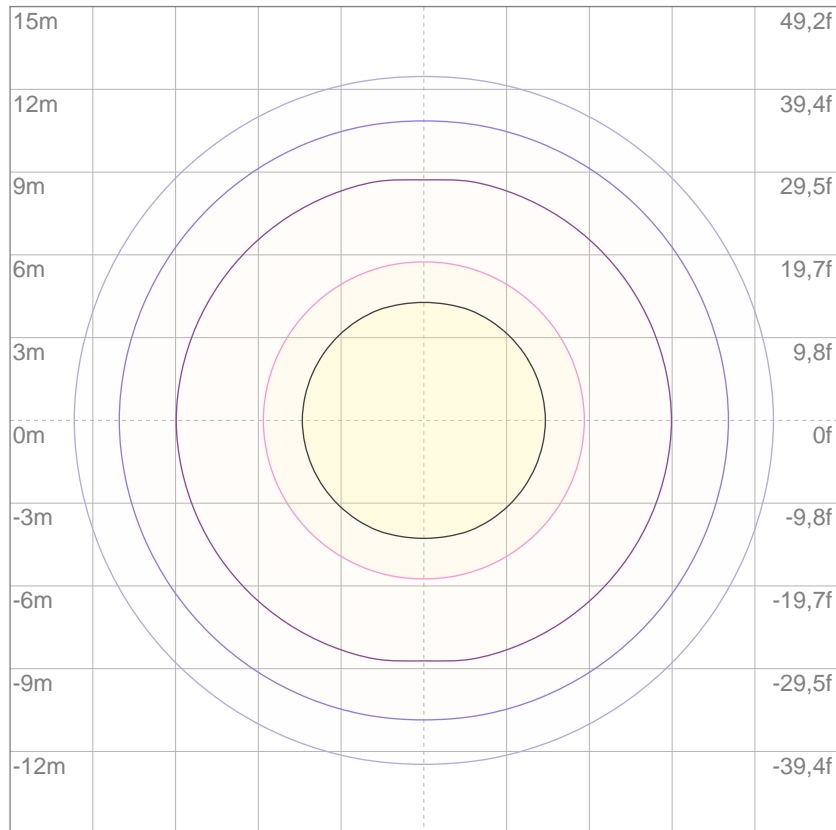
10%	50 cd
20%	99 cd
30%	149 cd
40%	198 cd
50%	248 cd
60%	297 cd
70%	347 cd
80%	396 cd

Conditions:

Number of c-planes: 4

Candela at center: 496 cd

ISO LUX DIAGRAM



3%	0,149 lx
5%	0,248 lx
10%	0,496 lx
30%	1,49 lx
50%	2,48 lx

Conditions:

Number of c-planes: 4

Lux at center: 4,96 lx

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



Total lumen output:

1877 lm

Peak candela output:

34957 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

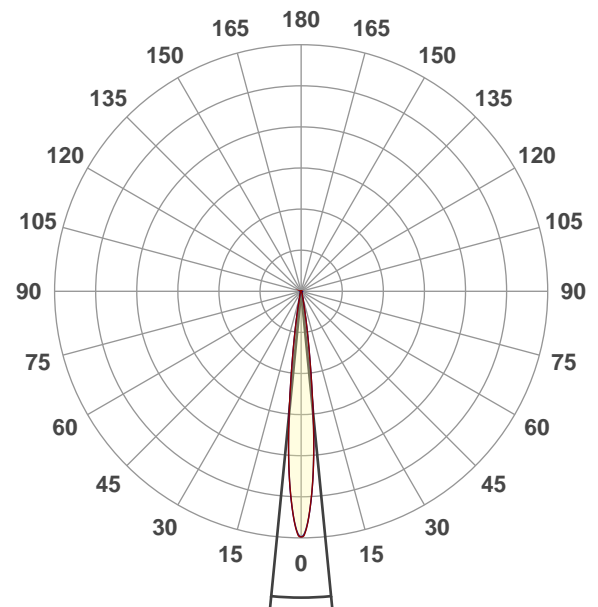
White

Operator:

Paolo Carvone

Date and time:

17/03/2020 16:08:53

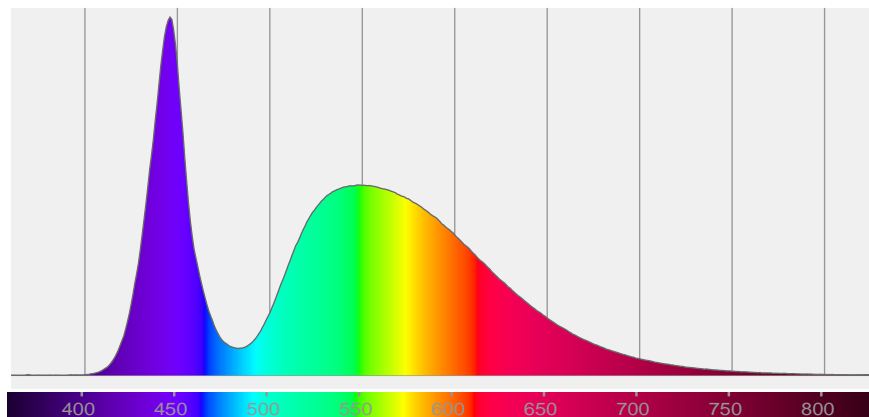


Beam angle 50%: 11,2°

Field angle 10%: 20°

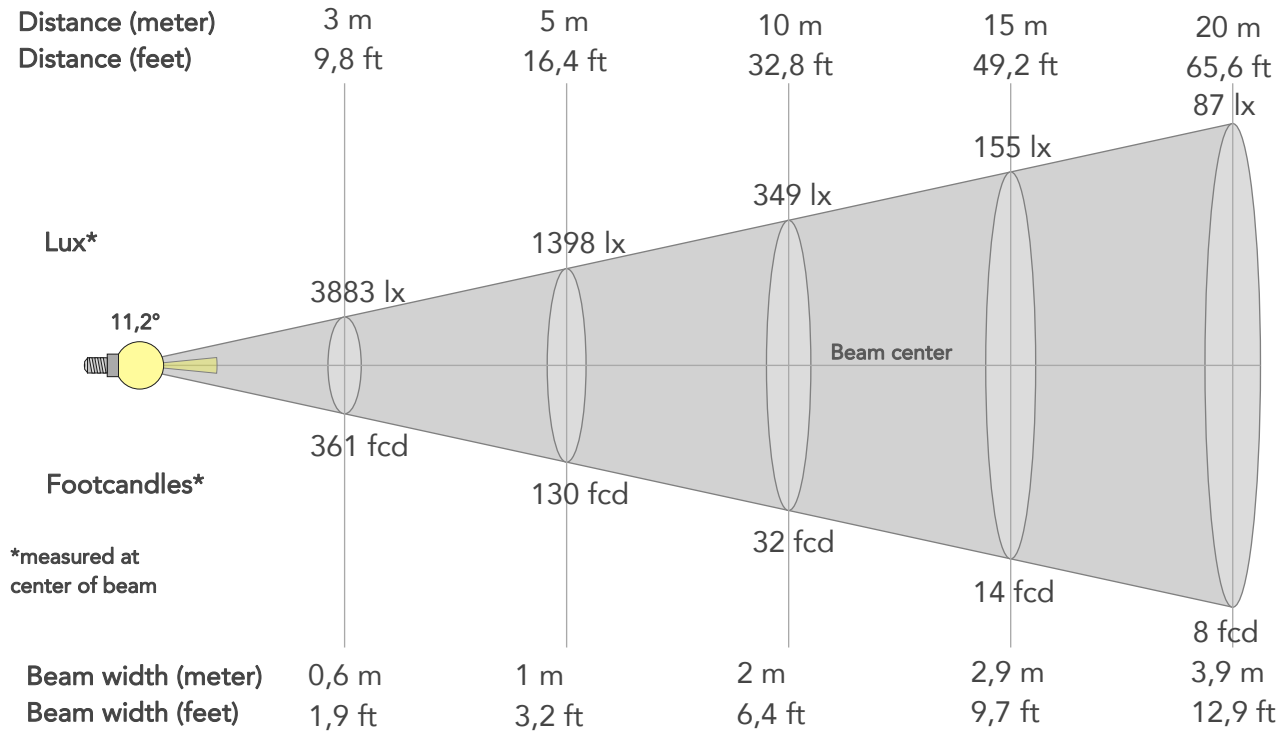
Cut off angle 2.5%: 28,9°

Spectra



BEAM DETAILS

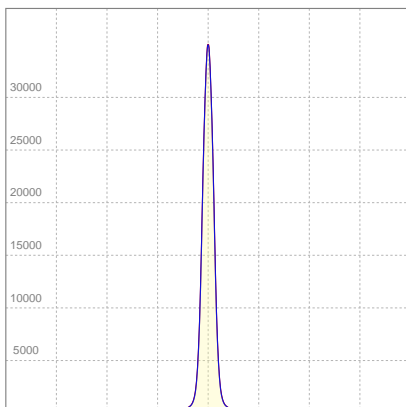
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,2°	20°	28,9°	99,7%	97,8%



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	34945lx	8736lx	3883lx	2184lx	1398lx	621lx	349lx	155lx	87lx	56lx	39lx	22lx	14lx
Footcand.	3247fcd	812fcd	361fcd	203fcd	130fcd	58fcd	32fcd	14fcd	8fcd	5fcd	4fcd	2fcd	1fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	2,9m	3,9m	4,9m	5,9m	7,9m	9,8m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,7ft	12,9ft	16,1ft	19,3ft	25,8ft	32,2ft

LINEAR DISTRIBUTION DIAGRAM

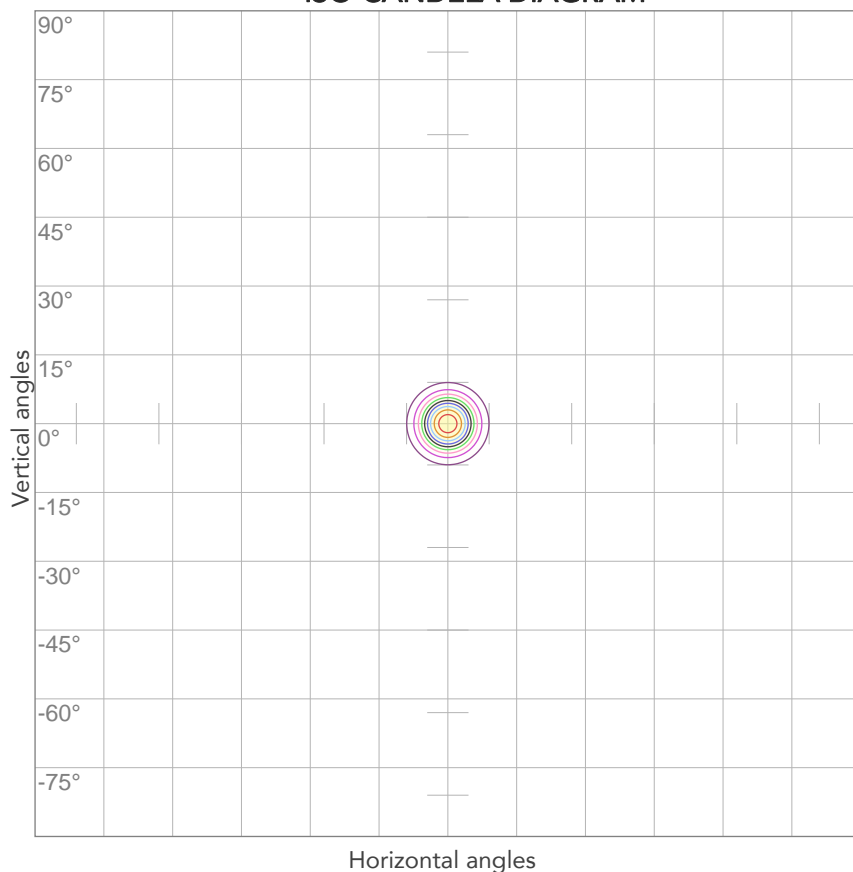


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,209A	39,7W	47lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



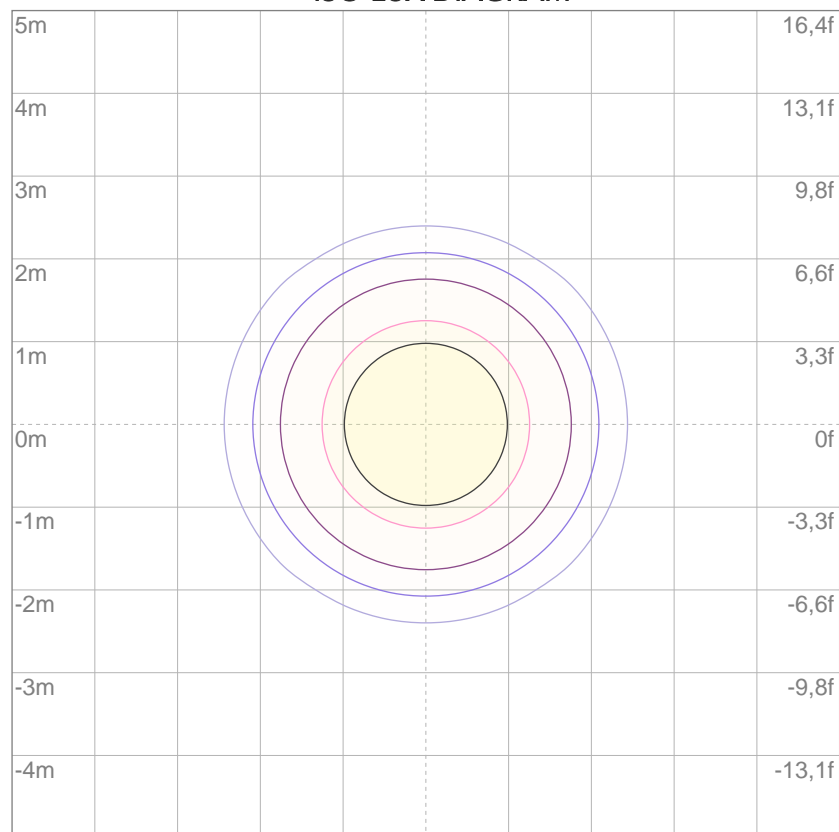
10%	3495 cd
20%	6989 cd
30%	10484 cd
40%	13978 cd
50%	17473 cd
60%	20967 cd
70%	24462 cd
80%	27956 cd

Conditions:

Number of c-planes: 4

Candela at center: 34945 cd

ISO LUX DIAGRAM



3%	10,5 lx
5%	17,5 lx
10%	34,9 lx
30%	105 lx
50%	175 lx

Conditions:

Number of c-planes: 4

Lux at center: 349 lx

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



Total lumen output:

1980 lm

Peak candela output:

4007 cd

PRODUCT NAME:

ArcPod15Q

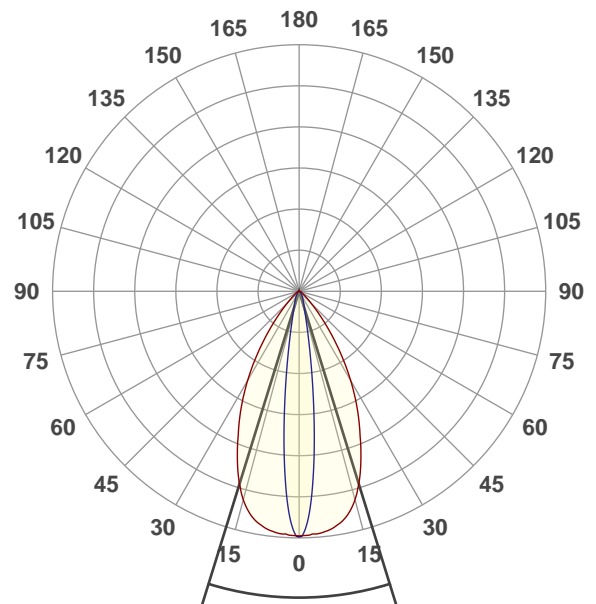
MEASUREMENT CONDITIONS:

Beam angle:
10°+F60x10

Target:
White

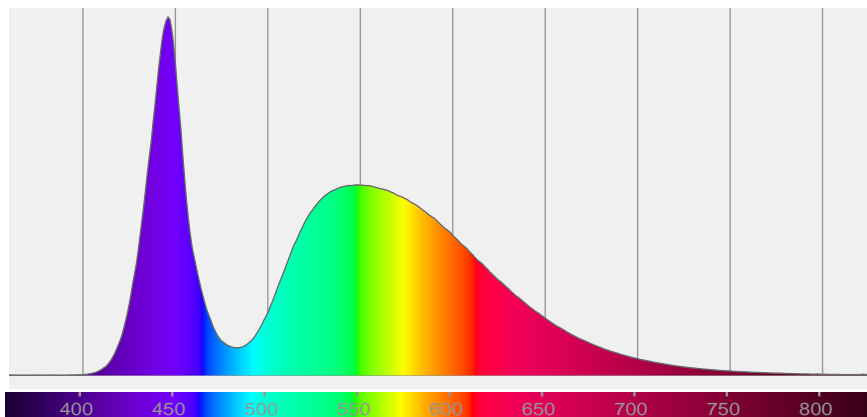
Operator:
Paolo Carvone

Date and time:
20/03/2020 16:04:24



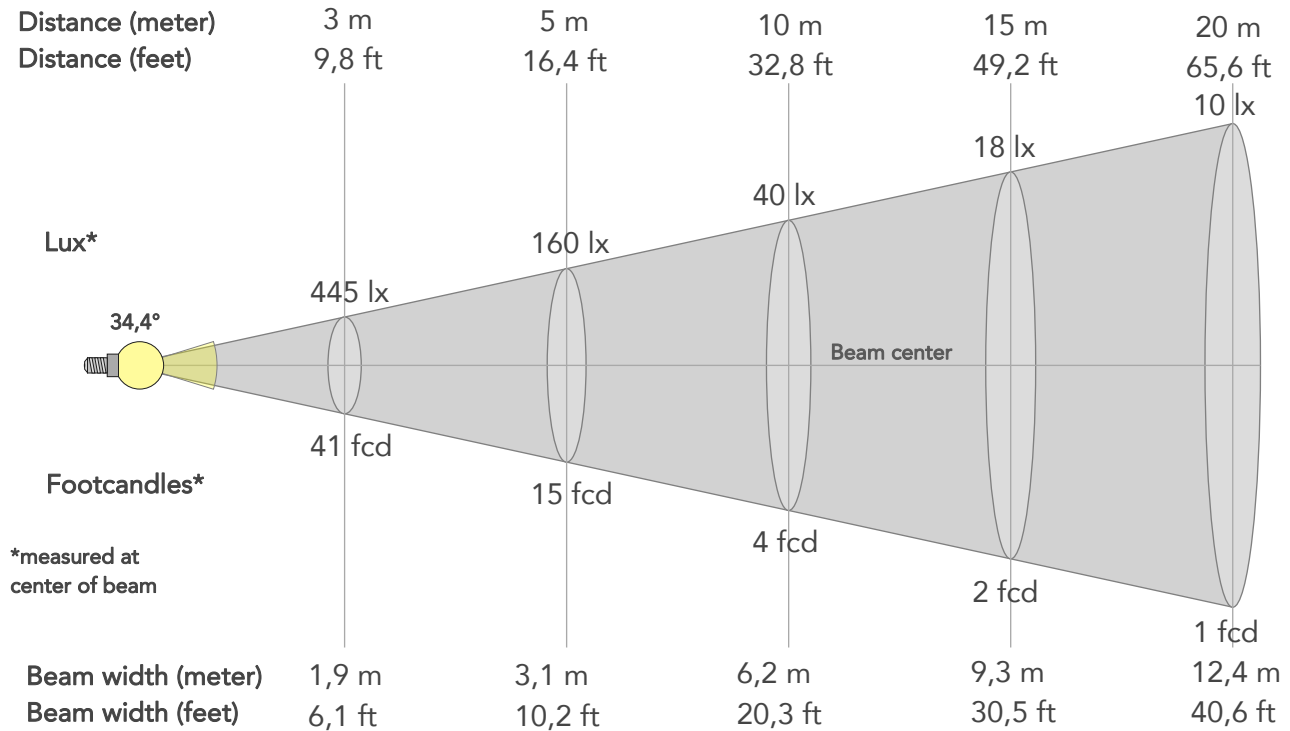
Beam angle 50%: 34,4°
Field angle 10%: 57,3°
Cut off angle 2.5%: 84,4°

Spectra



BEAM DETAILS

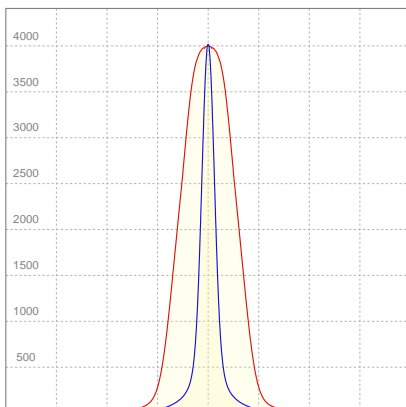
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
34,4°	57,3°	84,4°	98,0%	93,1%



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	4003lx	1001lx	445lx	250lx	160lx	71lx	40lx	18lx	10lx	6lx	4lx	3lx	2lx
Footcand.	372fcd	93fcd	41fcd	23fcd	15fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,9m	2,5m	3,1m	4,6m	6,2m	9,3m	12,4m	15,5m	18,6m	24,8m	31m
Beam wid.	2ft	4,1ft	6,1ft	8,1ft	10,2ft	15,2ft	20,3ft	30,5ft	40,6ft	50,8ft	60,9ft	81,2ft	101,6ft

LINEAR DISTRIBUTION DIAGRAM

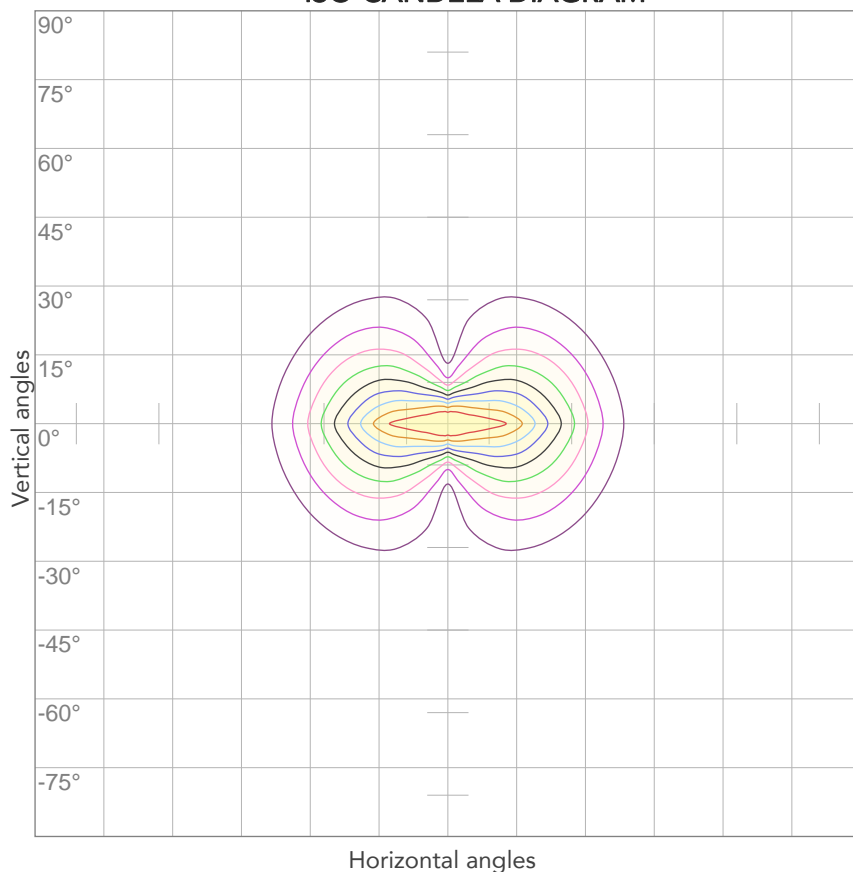


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,206A	39,5W	50lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



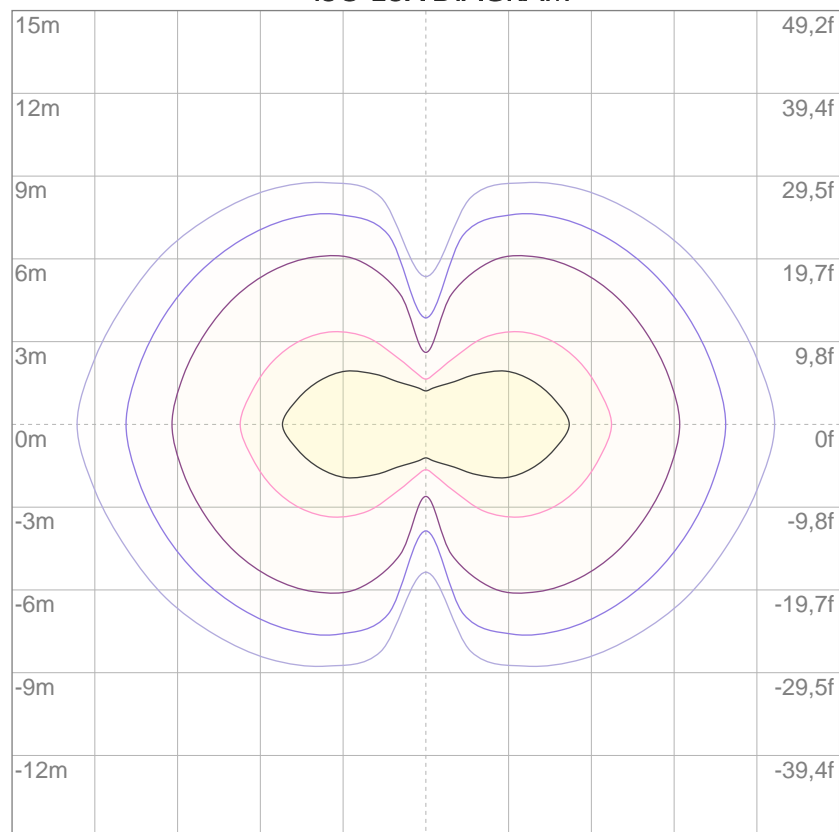
10%	400 cd
20%	801 cd
30%	1201 cd
40%	1601 cd
50%	2001 cd
60%	2402 cd
70%	2802 cd
80%	3202 cd

Conditions:

Number of c-planes: 4

Candela at center: 4003 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,20 lx
5%	2,00 lx
10%	4,00 lx
30%	12,0 lx
50%	20,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 40,0 lx

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



Total lumen output:

2222 lm

Peak candela output:

26610 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

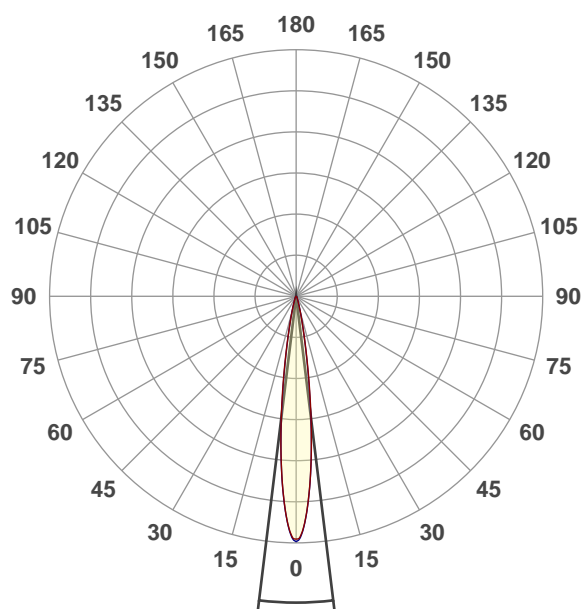
White

Operator:

Paolo Carvone

Date and time:

31/07/2020 12:38:11

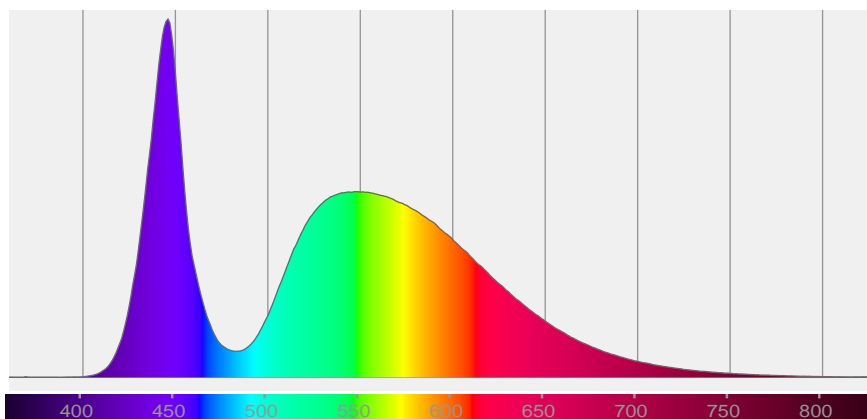


Beam angle 50%: 13,9°

Field angle 10%: 26,5°

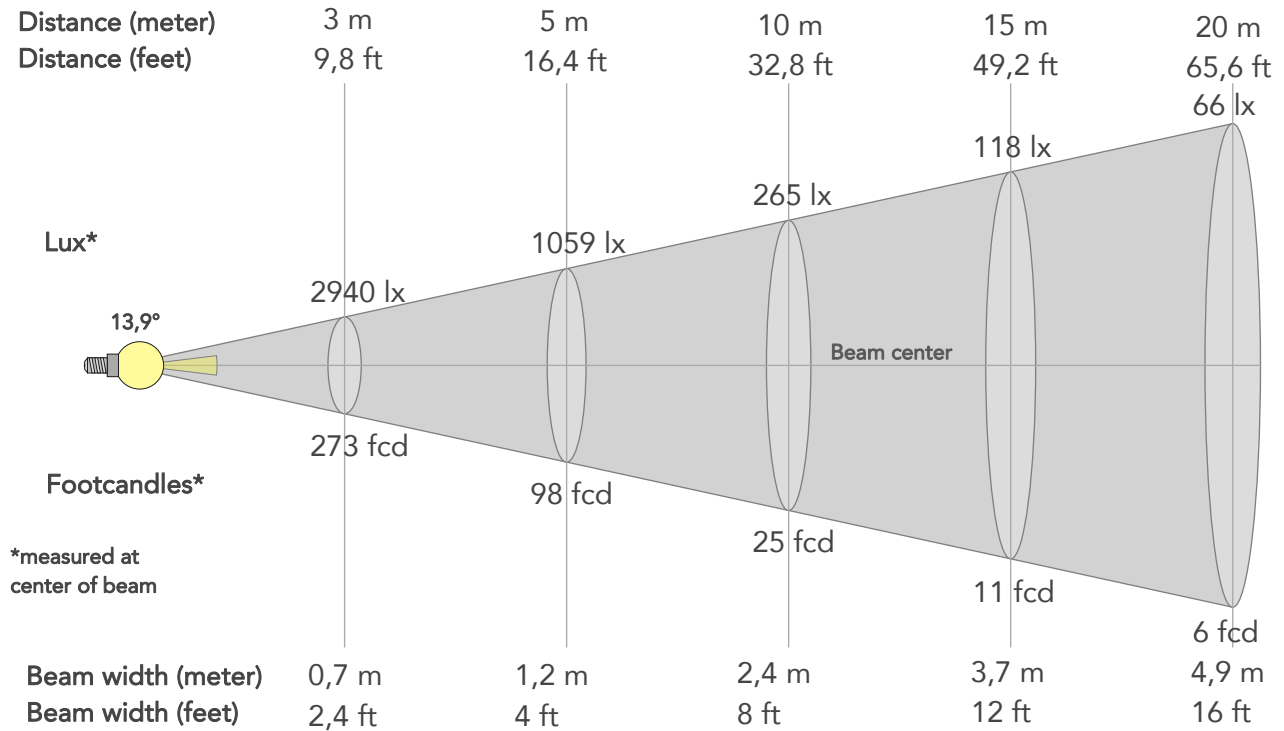
Cut off angle 2.5%: 39,7°

Spectra



BEAM DETAILS

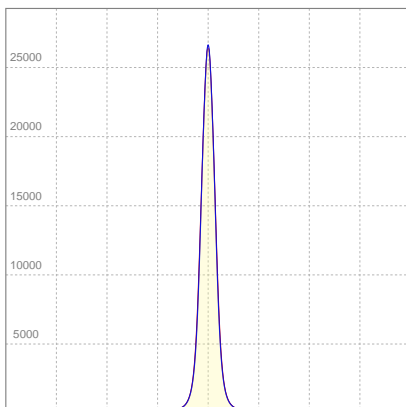
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,9°	26,5°	39,7°	99,9%	98,5%



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	26463lx	6616lx	2940lx	1654lx	1059lx	470lx	265lx	118lx	66lx	42lx	29lx	17lx	11lx
Footcand.	2458fcd	615fcd	273fcd	154fcd	98fcd	44fcd	25fcd	11fcd	6fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,4m	3,7m	4,9m	6,1m	7,3m	9,8m	12,2m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6ft	8ft	12ft	16ft	20ft	24ft	32ft	40ft

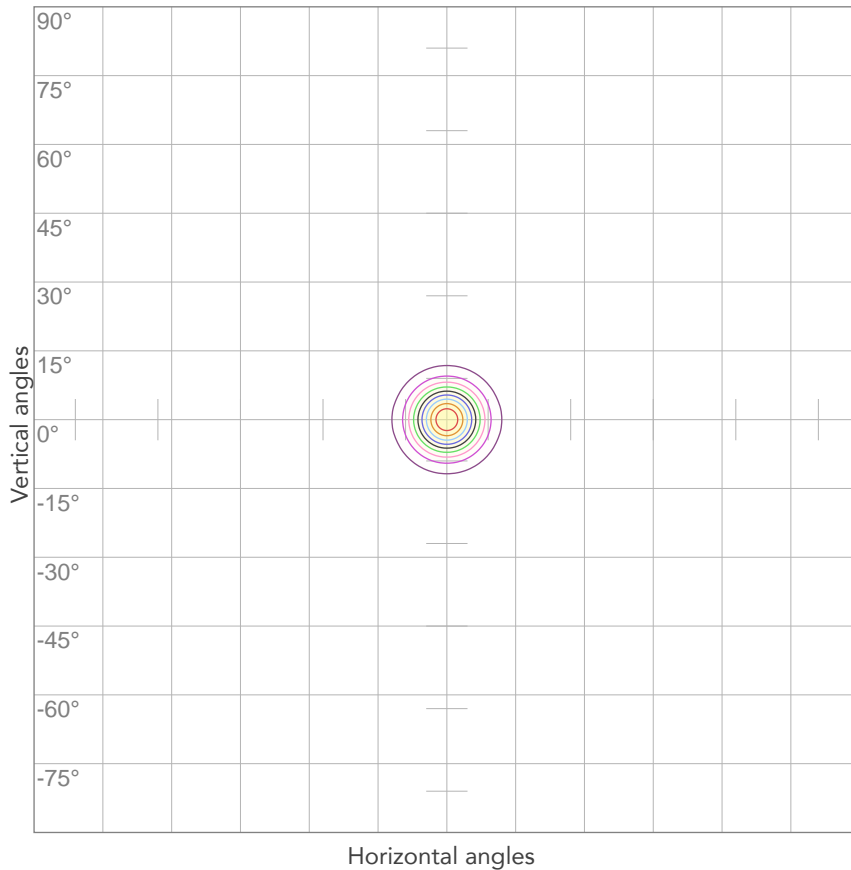
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,211A	40,3W	55lm/W

ISO CANDELA DIAGRAM



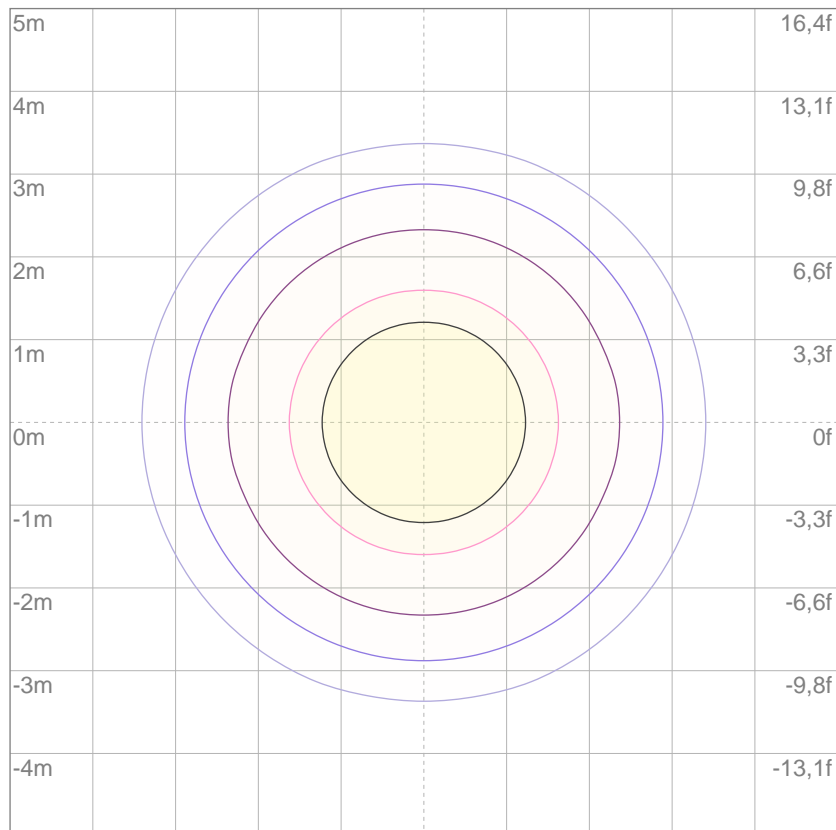
10%	2646 cd
20%	5293 cd
30%	7939 cd
40%	10585 cd
50%	13231 cd
60%	15878 cd
70%	18524 cd
80%	21170 cd

Conditions:

Number of c-planes: 4

Candela at center: 26463 cd

ISO LUX DIAGRAM



3%	7,94 lx
5%	13,2 lx
10%	26,5 lx
30%	79,4 lx
50%	132 lx

Conditions:

Number of c-planes: 4

Lux at center: 265 lx

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



Total lumen output:

2208 lm

Peak candela output:

11449 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

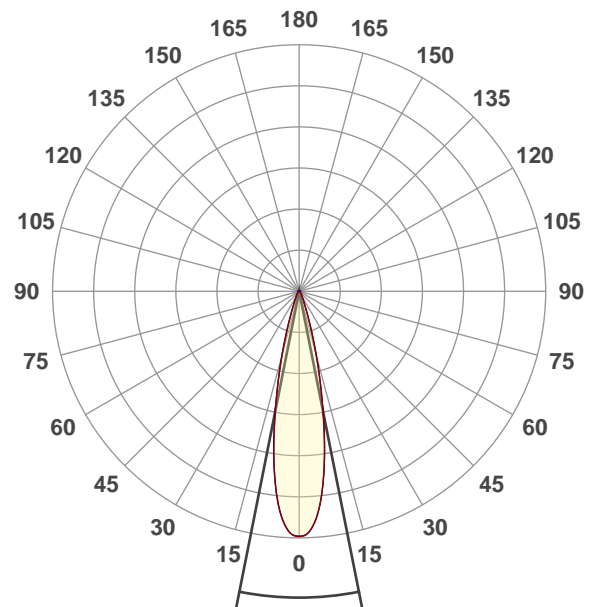
White

Operator:

Paolo Carvone

Date and time:

27/02/2020 13:12:43

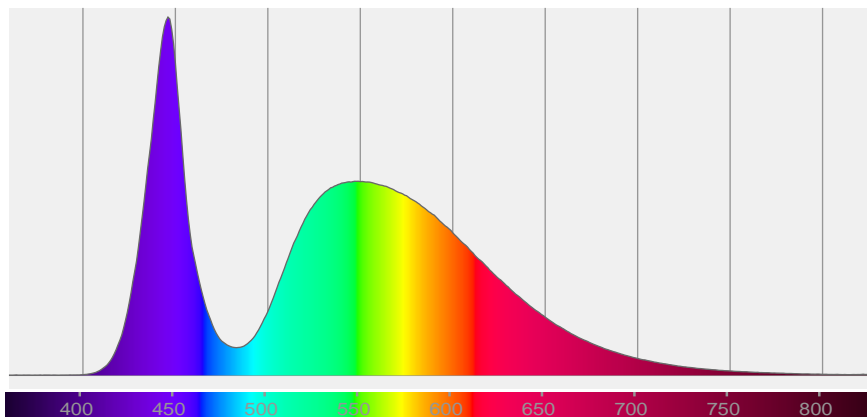


Beam angle 50%: 22,5°

Field angle 10%: 39,4°

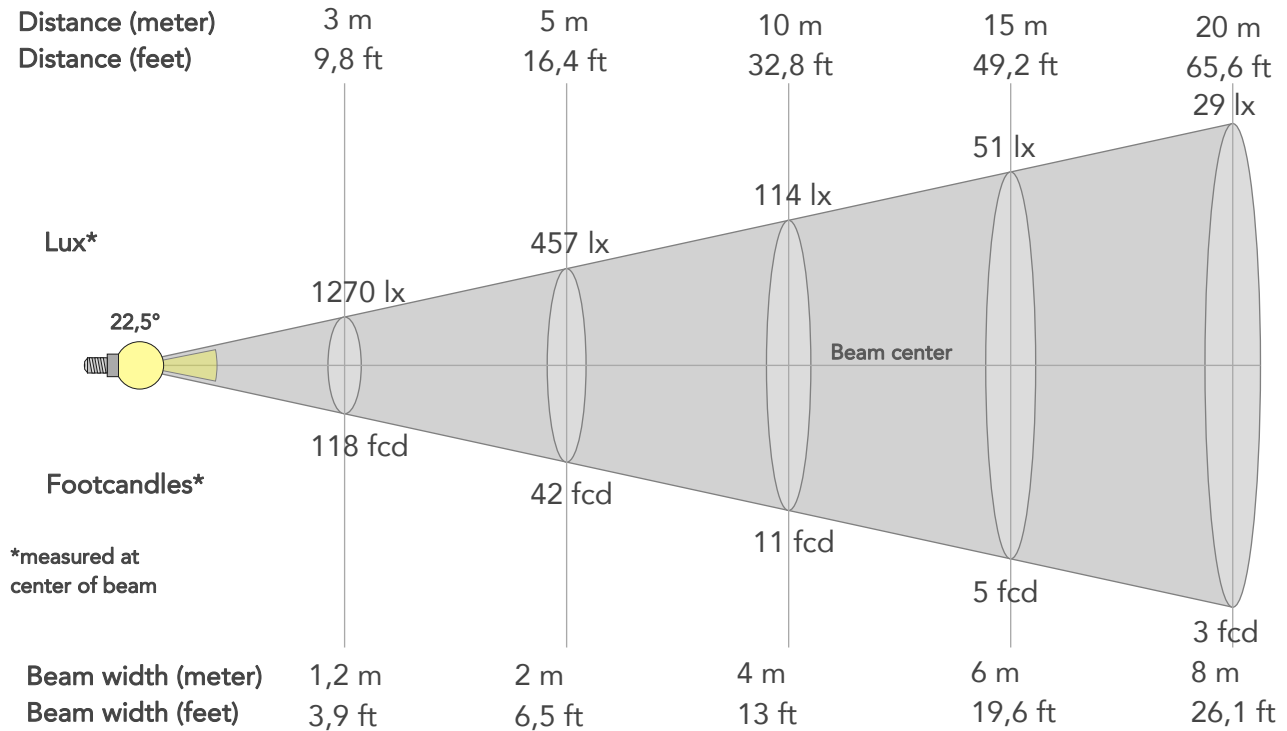
Cut off angle 2.5%: 58,1°

Spectra



BEAM DETAILS

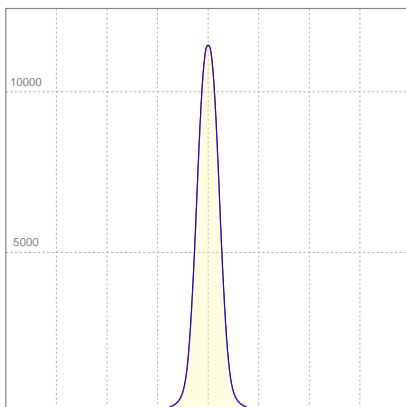
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,5°	39,4°	58,1°	98,4%	95,5%



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	11434lx	2858lx	1270lx	715lx	457lx	203lx	114lx	51lx	29lx	18lx	13lx	7lx	5lx
Footcand.	1062fcd	266fcd	118fcd	66fcd	42fcd	19fcd	11fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3m	4m	6m	8m	9,9m	11,9m	15,9m	19,9m
Beam wid.	1,3ft	2,6ft	3,9ft	5,2ft	6,5ft	9,8ft	13ft	19,6ft	26,1ft	32,6ft	39,1ft	52,2ft	65,2ft

LINEAR DISTRIBUTION DIAGRAM

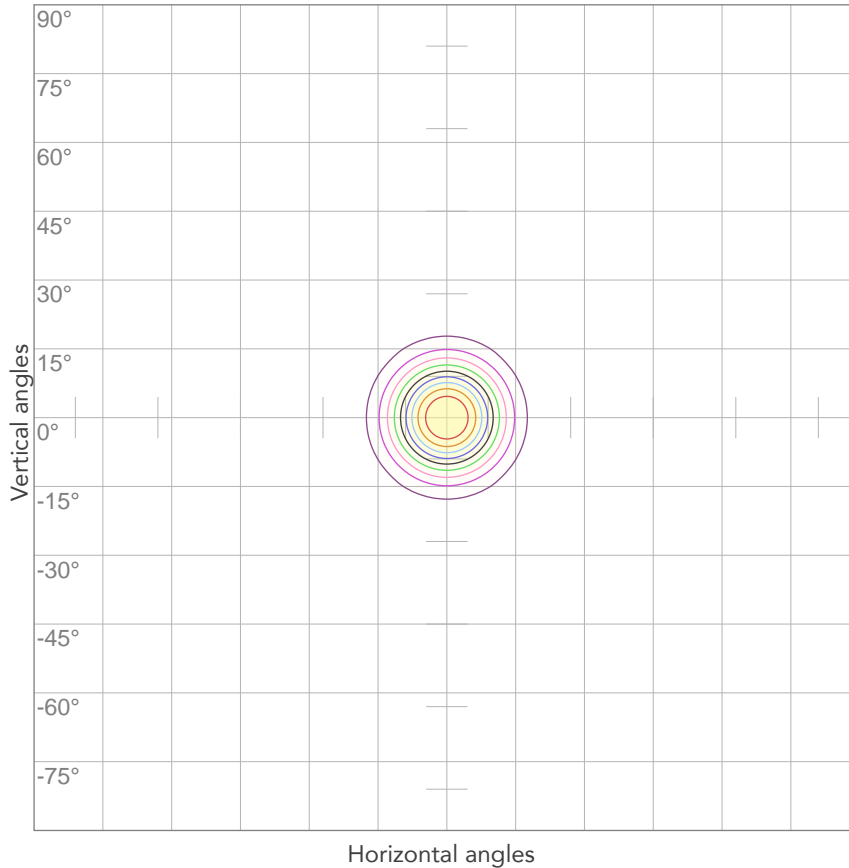


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,208A	39,3W	56lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



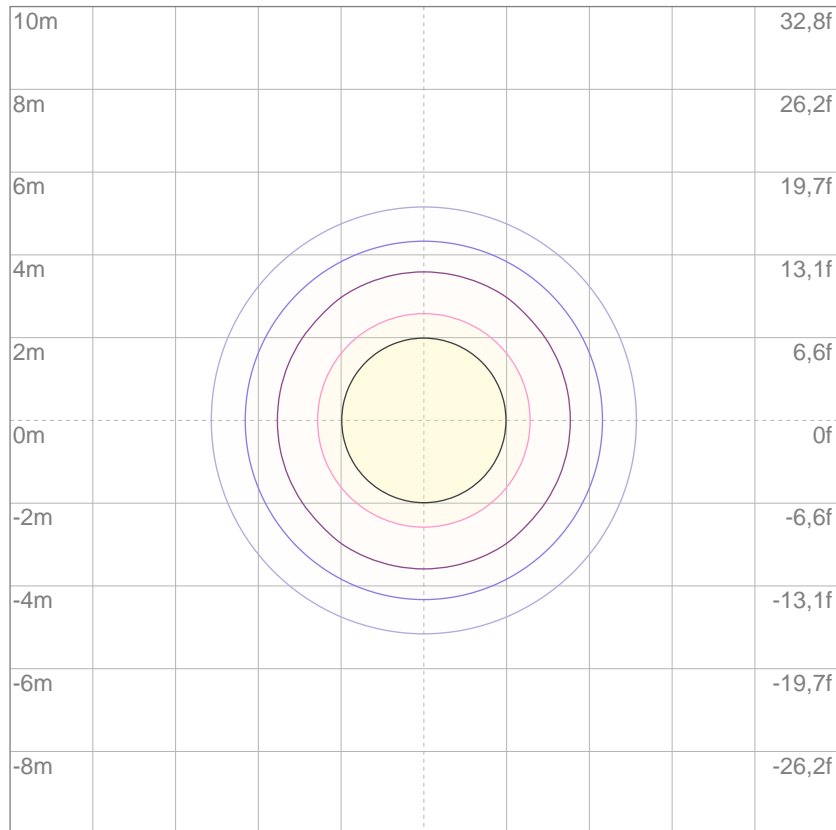
10%	1143 cd
20%	2287 cd
30%	3430 cd
40%	4574 cd
50%	5717 cd
60%	6860 cd
70%	8004 cd
80%	9147 cd

Conditions:

Number of c-planes: 4

Candela at center: 11434 cd

ISO LUX DIAGRAM



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

Conditions:

Number of c-planes: 4

Lux at center: 114 lx

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



Total lumen output:

1957 lm

Peak candela output:

2908 cd

PRODUCT NAME:

ArcPod15Q

MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

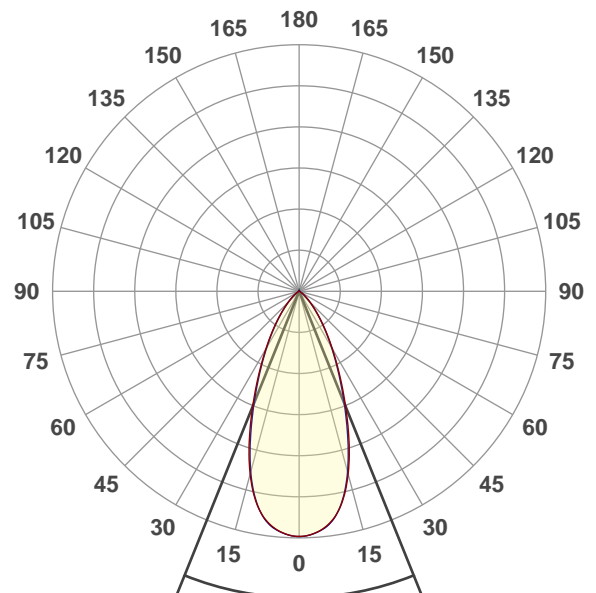
White

Operator:

Paolo Carvone

Date and time:

27/02/2020 14:47:07

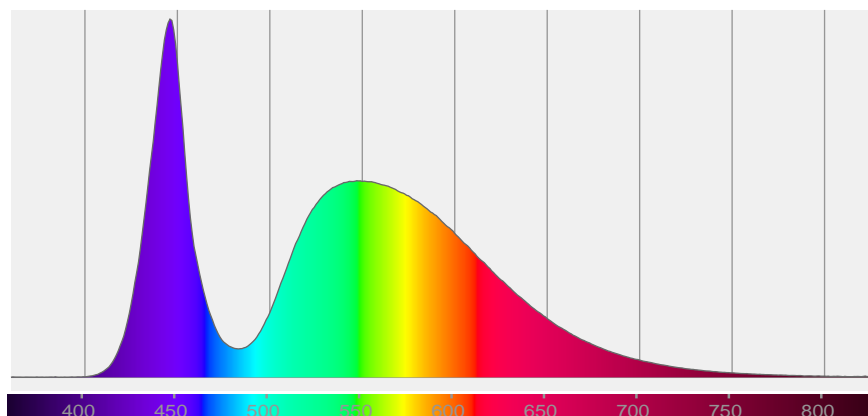


Beam angle 50%: 43,9°

Field angle 10%: 81,1°

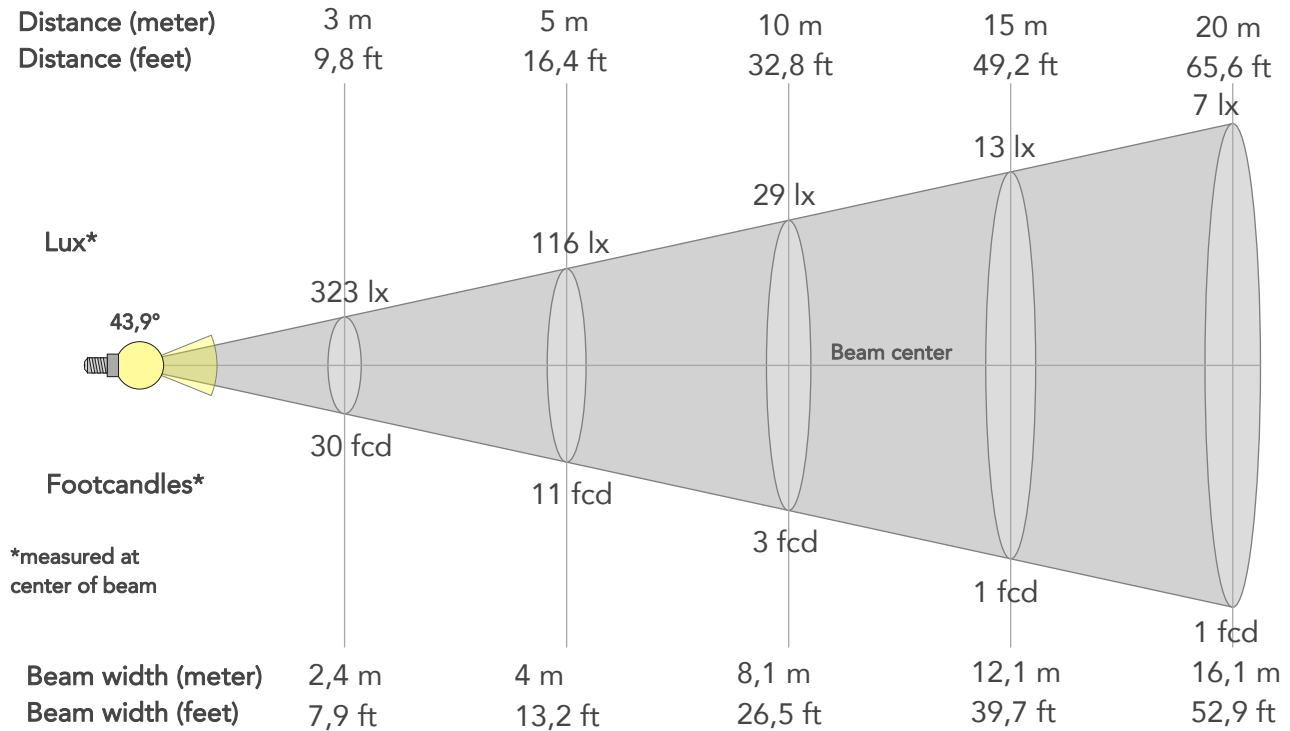
Cut off angle 2.5%: 104,8°

Spectra



BEAM DETAILS

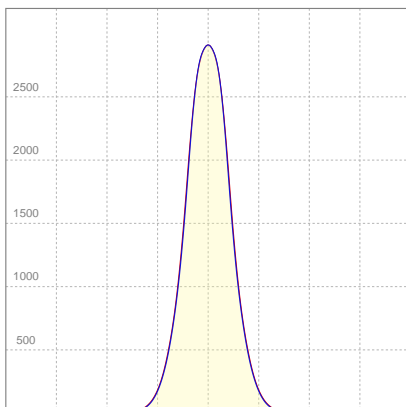
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
43,9°	81,1°	104,8°	98,1%	92,8%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	2907lx	727lx	323lx	182lx	116lx	52lx	29lx	13lx	7lx	5lx	3lx	2lx	1lx
Footcand.	270fcd	68fcd	30fcd	17fcd	11fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,6m	2,4m	3,2m	4m	6m	8,1m	12,1m	16,1m	20,2m	24,2m	32,3m	40,3m
Beam wid.	2,7ft	5,3ft	7,9ft	10,6ft	13,2ft	19,8ft	26,5ft	39,7ft	52,9ft	66,1ft	79,4ft	105,8ft	132,3ft

LINEAR DISTRIBUTION DIAGRAM

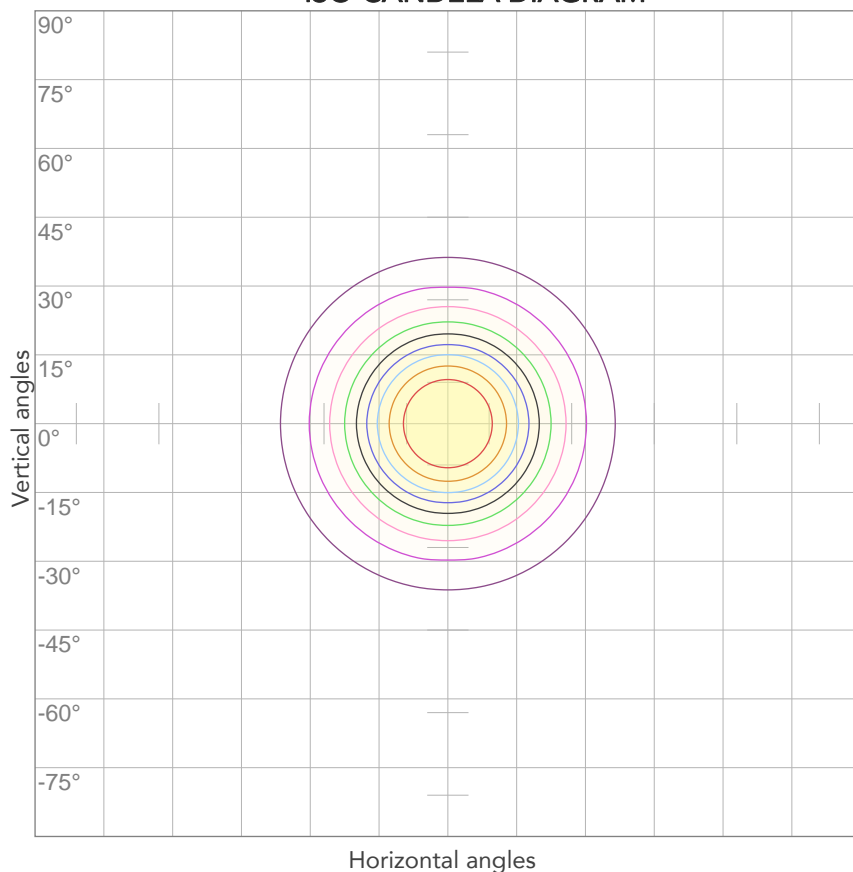


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	0,208A	39,0W	50lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



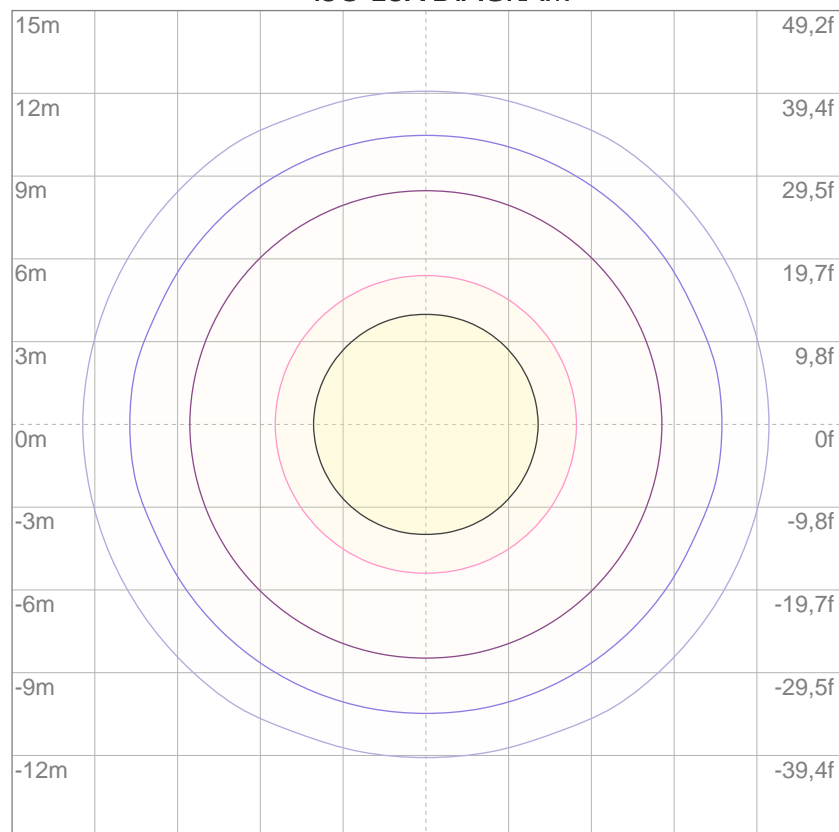
10%	291 cd
20%	581 cd
30%	872 cd
40%	1163 cd
50%	1453 cd
60%	1744 cd
70%	2035 cd
80%	2325 cd

Conditions:

Number of c-planes: 4

Candela at center: 2907 cd

ISO LUX DIAGRAM



3%	0,872 lx
5%	1,45 lx
10%	2,91 lx
30%	8,72 lx
50%	14,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 29,1 lx

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