

# Photometric Test Report



## ARCPD96Q

High power 96x10W (two-headed) RGBW/FC  
outdoor IP66 LED wash light for exterior  
installations

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Note: ARCP0D96Q is equipped with 15° Lens at the bottom head and 10° Lens at the top head.

## 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:

**18470 lm**

Peak candela output:

**337627 cd**

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASURAMENT CONDITIONS:

Beam angle:

10°

Target:

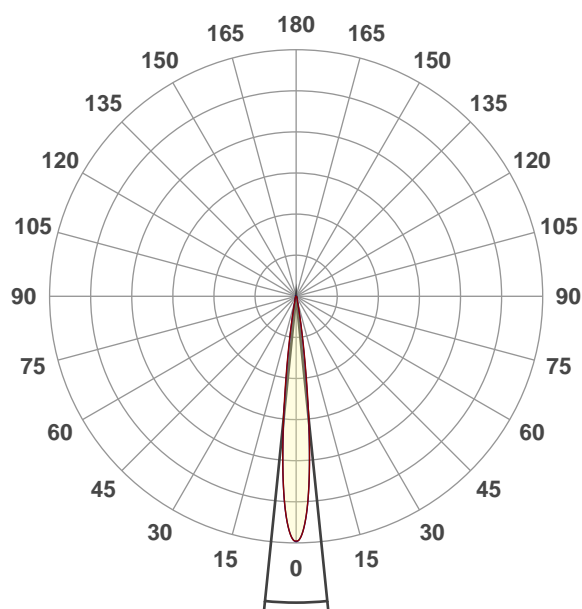
Full on

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:35:34

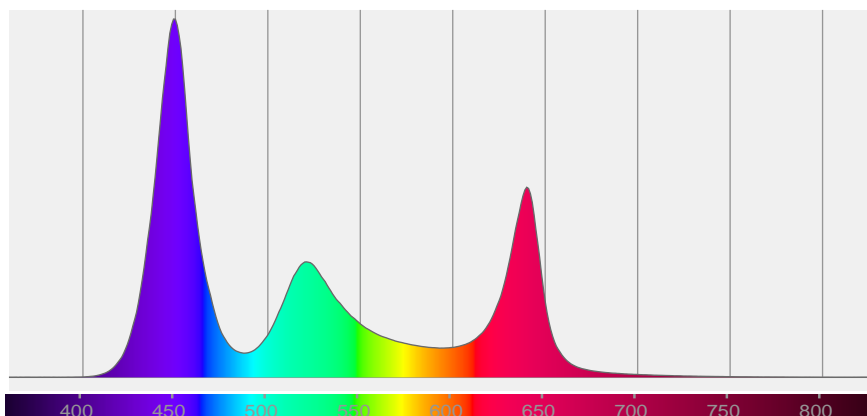


Beam angle 50%: 11,7°

Field angle 10%: 19,8°

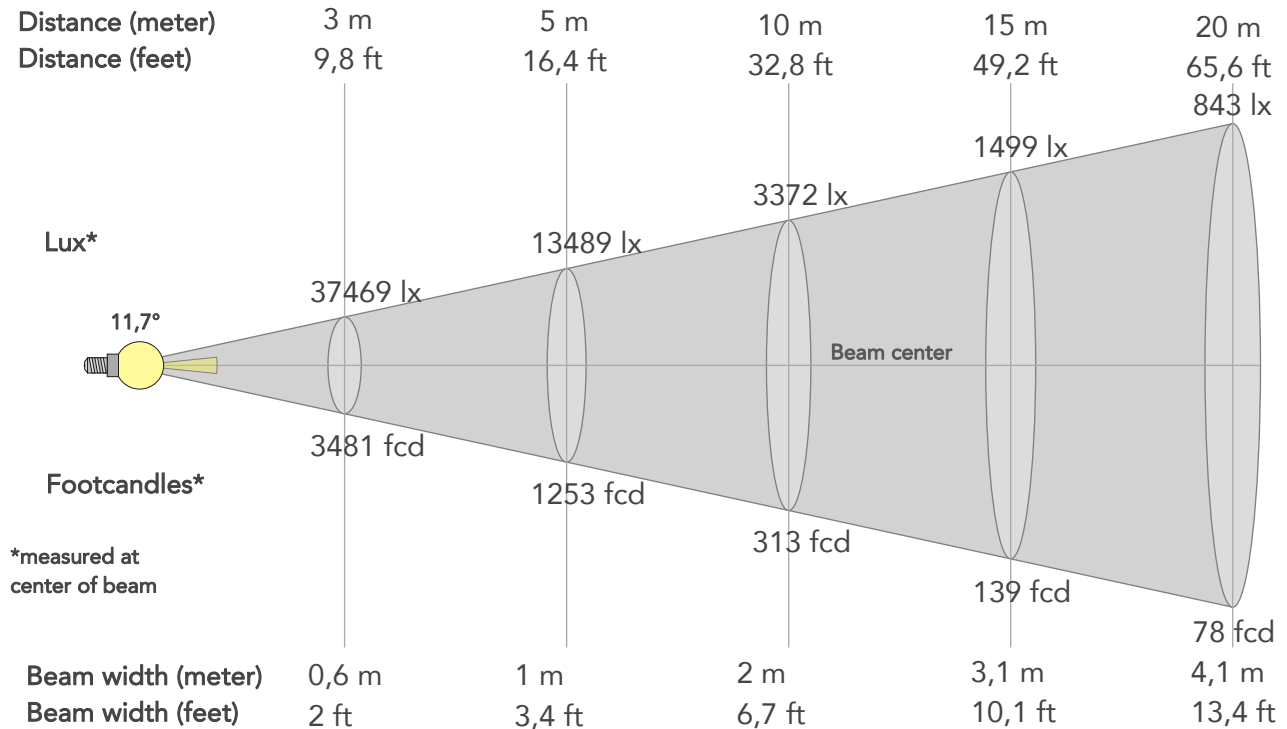
Cut off angle 2.5%: 27,8°

## Spectra



## BEAM DETAILS

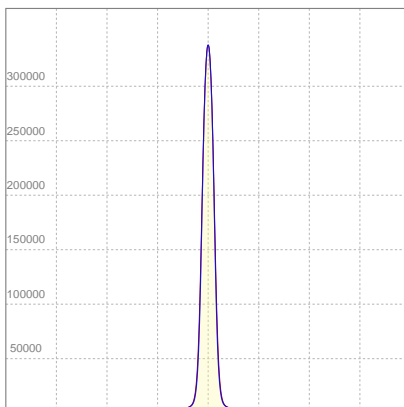
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,7°	19,8°	27,8°	99,7%	98,0%



### 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	337219lx	84305lx	37469lx	21076lx	13489lx	5995lx	3372lx	1499lx	843lx	540lx	375lx	211lx	135lx
Footcand.	31329fcd	7832fcd	3481fcd	1958fcd	1253fcd	557fcd	313fcd	139fcd	78fcd	50fcd	35fcd	20fcd	13fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	3,1m	4,1m	5,1m	6,1m	8,2m	10,2m
Beam wid.	0,7ft	1,3ft	2ft	2,7ft	3,4ft	5ft	6,7ft	10,1ft	13,4ft	16,8ft	20,1ft	26,8ft	33,5ft

### LINEAR DISTRIBUTION DIAGRAM

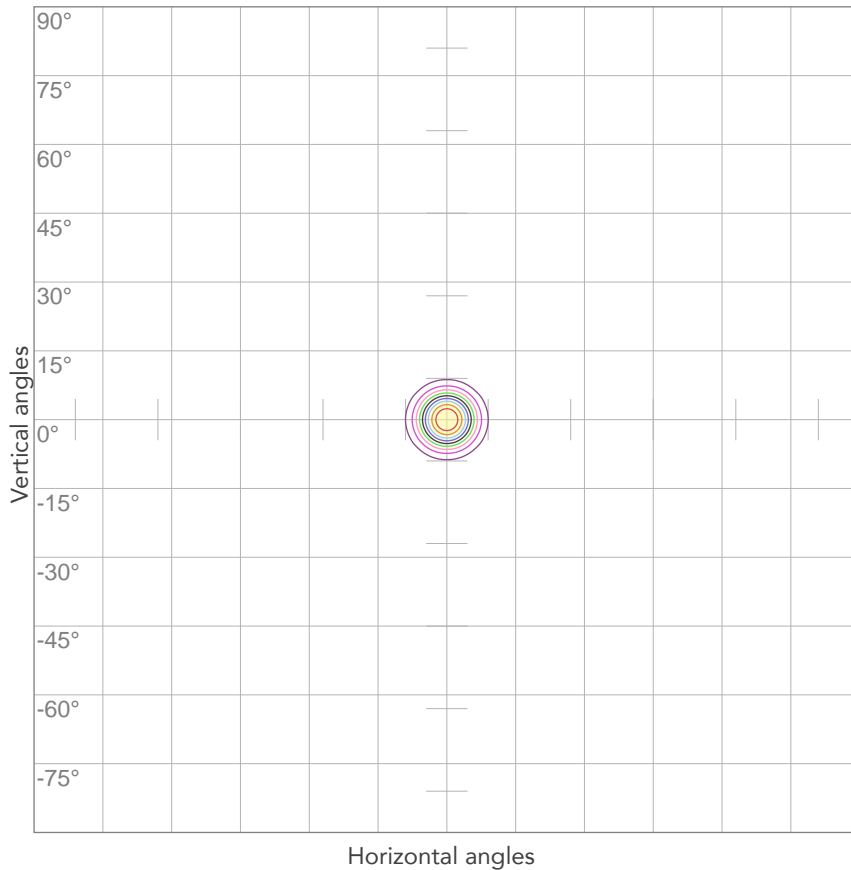


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	2,26A	486,7W	38lm/W

Power FC
0,96

## ISO CANDELA DIAGRAM



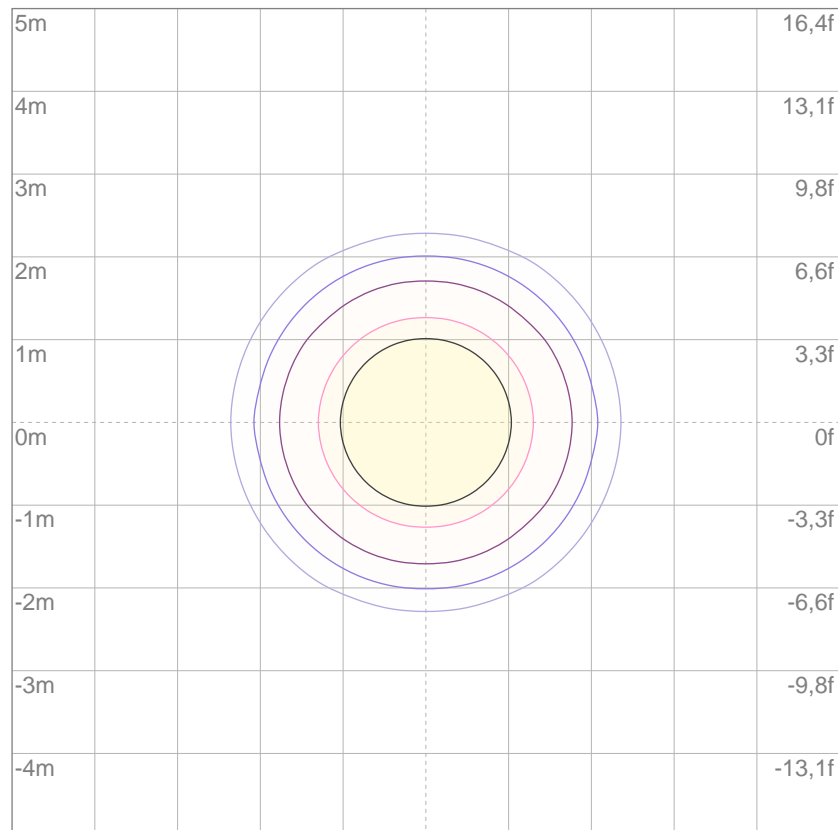
10%	33722 cd
20%	67444 cd
30%	101166 cd
40%	134887 cd
50%	168609 cd
60%	202331 cd
70%	236053 cd
80%	269775 cd

### Conditions:

Number of c-planes: 4

Candela at center: 337219 cd

## ISO LUX DIAGRAM



3%	101 lx
5%	169 lx
10%	337 lx
30%	1012 lx
50%	1686 lx

### Conditions:

Number of c-planes: 4

Lux at center: 3372 lx

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



Total lumen output:

36940 lm

Peak candela output:

675242 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

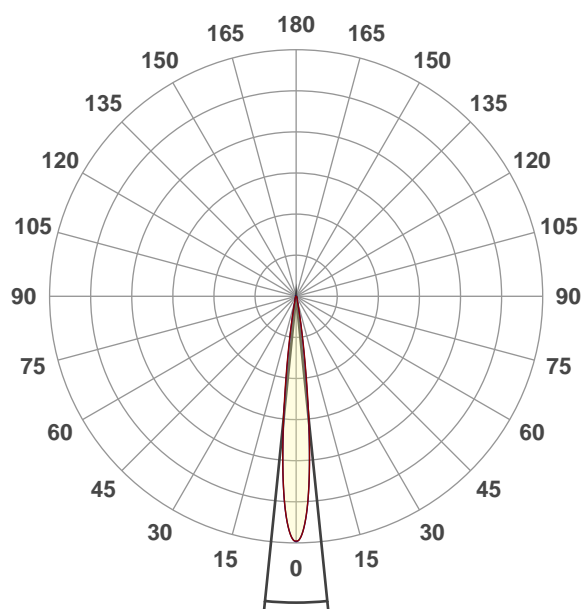
Full on

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:35:34

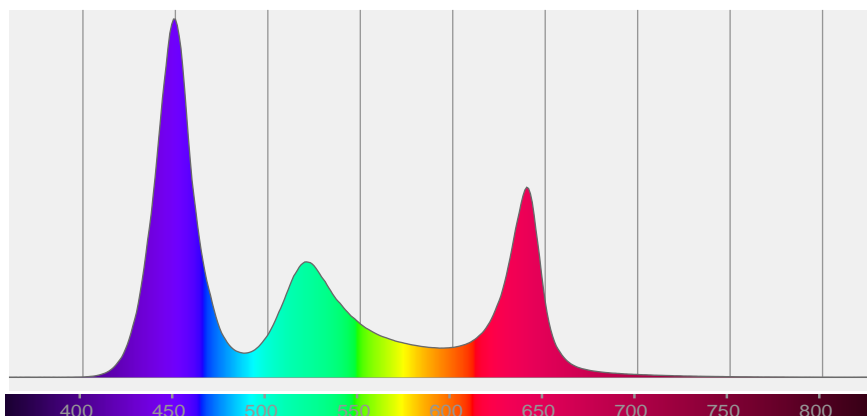


Beam angle 50%: 11,7°

Field angle 10%: 19,8°

Cut off angle 2.5%: 27,8°

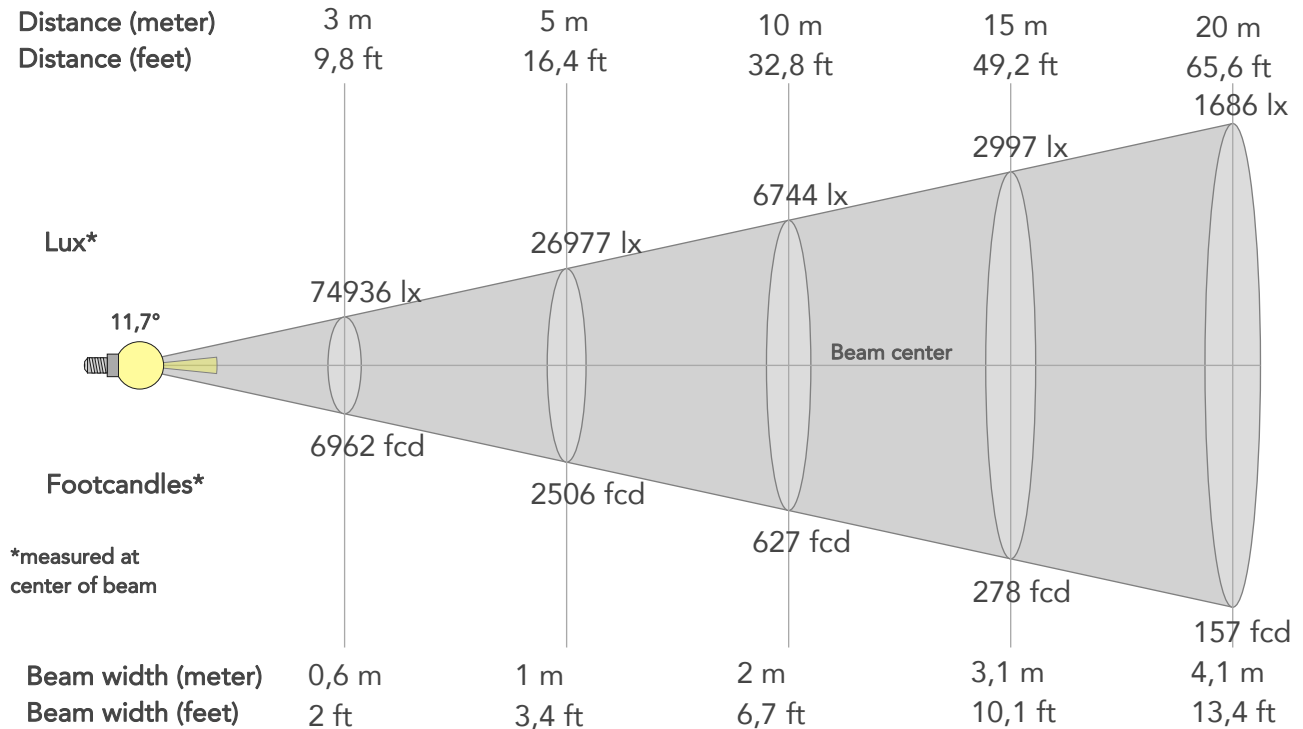
## Spectra





## BEAM DETAILS

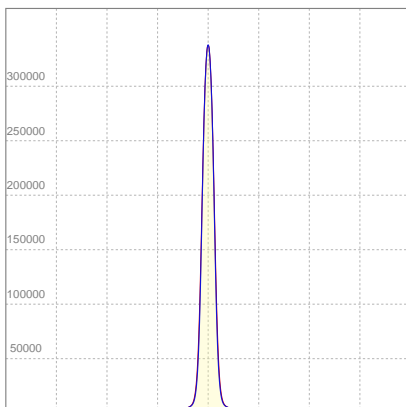
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,7°	19,8°	27,8°	99,7%	98,0%



### 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	674426lx	168606lx	74936lx	42152lx	26977lx	11990lx	6744lx	2997lx	1686lx	1079lx	749lx	422lx	270lx
Footcand.	62656fcd	15664fcd	6962fcd	3916fcd	2506fcd	1114fcd	627fcd	278fcd	157fcd	100fcd	70fcd	39fcd	25fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	3,1m	4,1m	5,1m	6,1m	8,2m	10,2m
Beam wid.	0,7ft	1,3ft	2ft	2,7ft	3,4ft	5ft	6,7ft	10,1ft	13,4ft	16,8ft	20,1ft	26,8ft	33,5ft

### LINEAR DISTRIBUTION DIAGRAM

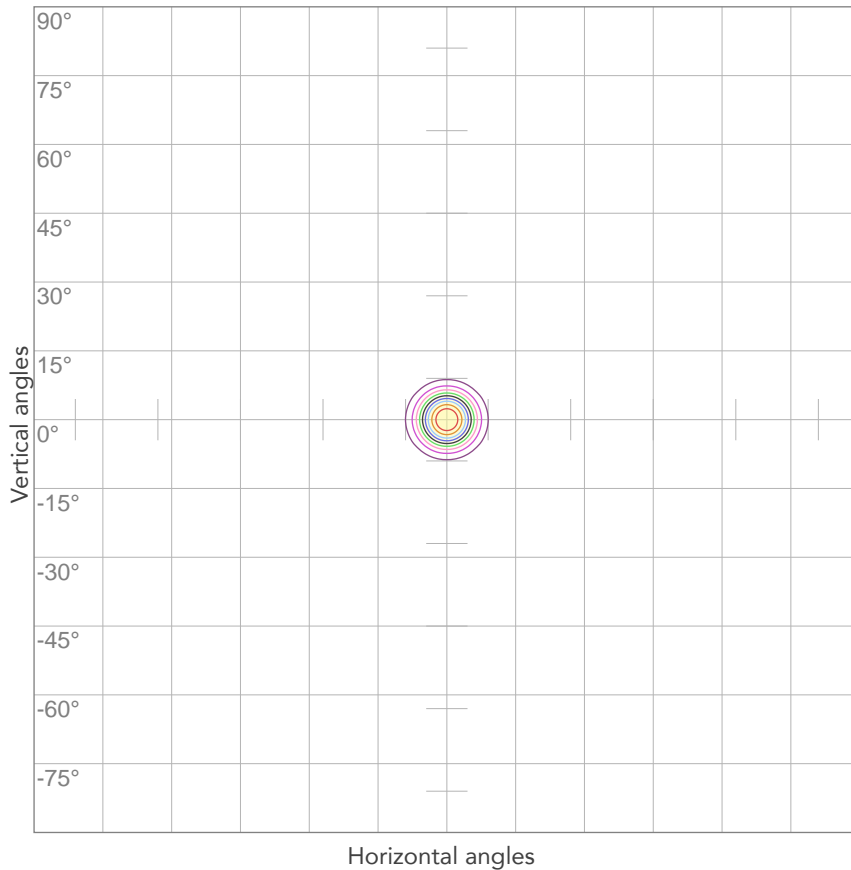


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	4,52A	973,4W	38lm/W

Power FC
0,96

## ISO CANDELA DIAGRAM



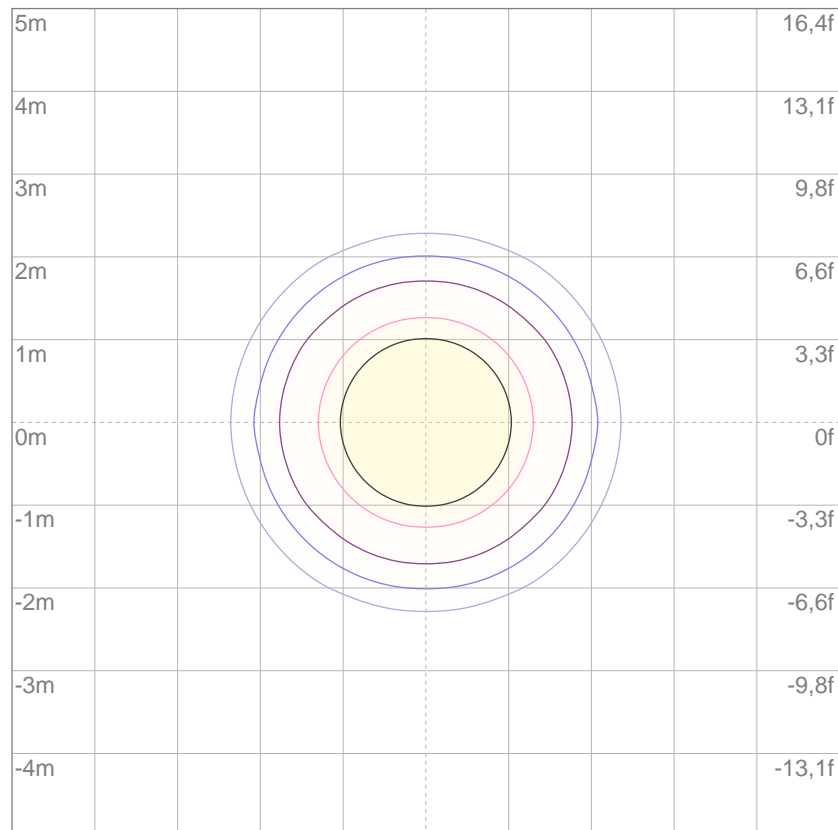
10%	67443 cd
20%	134885 cd
30%	202328 cd
40%	269770 cd
50%	337213 cd
60%	404656 cd
70%	472098 cd
80%	539541 cd

### Conditions:

Number of c-planes: 4

Candela at center: 674426 cd

## ISO LUX DIAGRAM



3%	202 lx
5%	337 lx
10%	674 lx
30%	2023 lx
50%	3372 lx

### Conditions:

Number of c-planes: 4

Lux at center: 6744 lx

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



Total lumen output:

23047 lm

Peak candela output:

278978 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

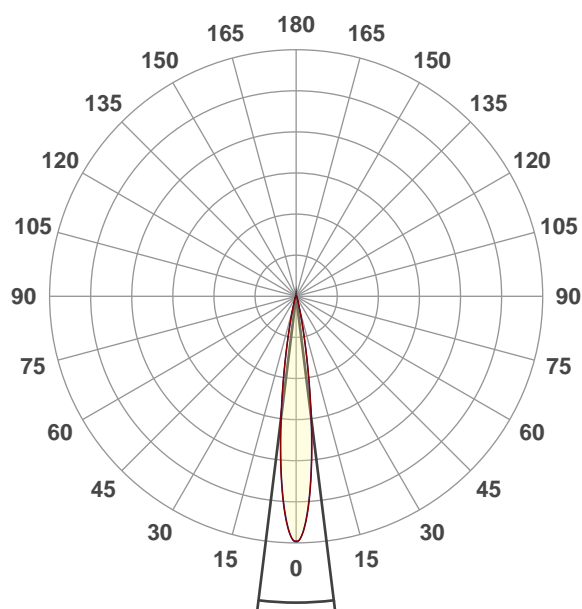
Full on

Operator:

Paolo Carvone

Date and time:

29/04/2020 16:37:59

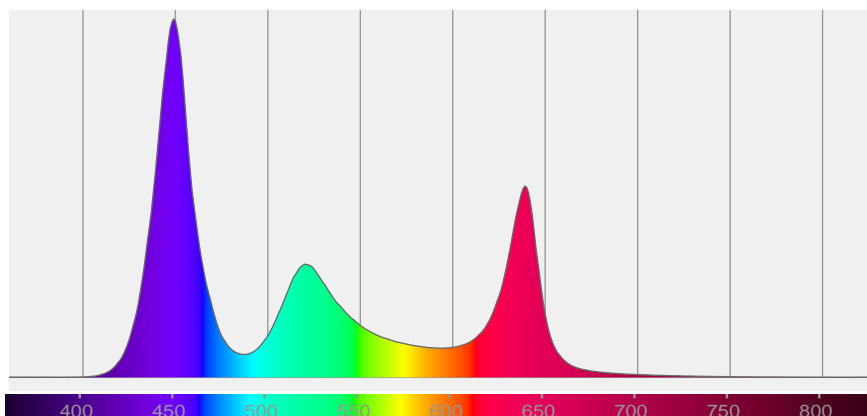


Beam angle 50%: 14,1°

Field angle 10%: 25,8°

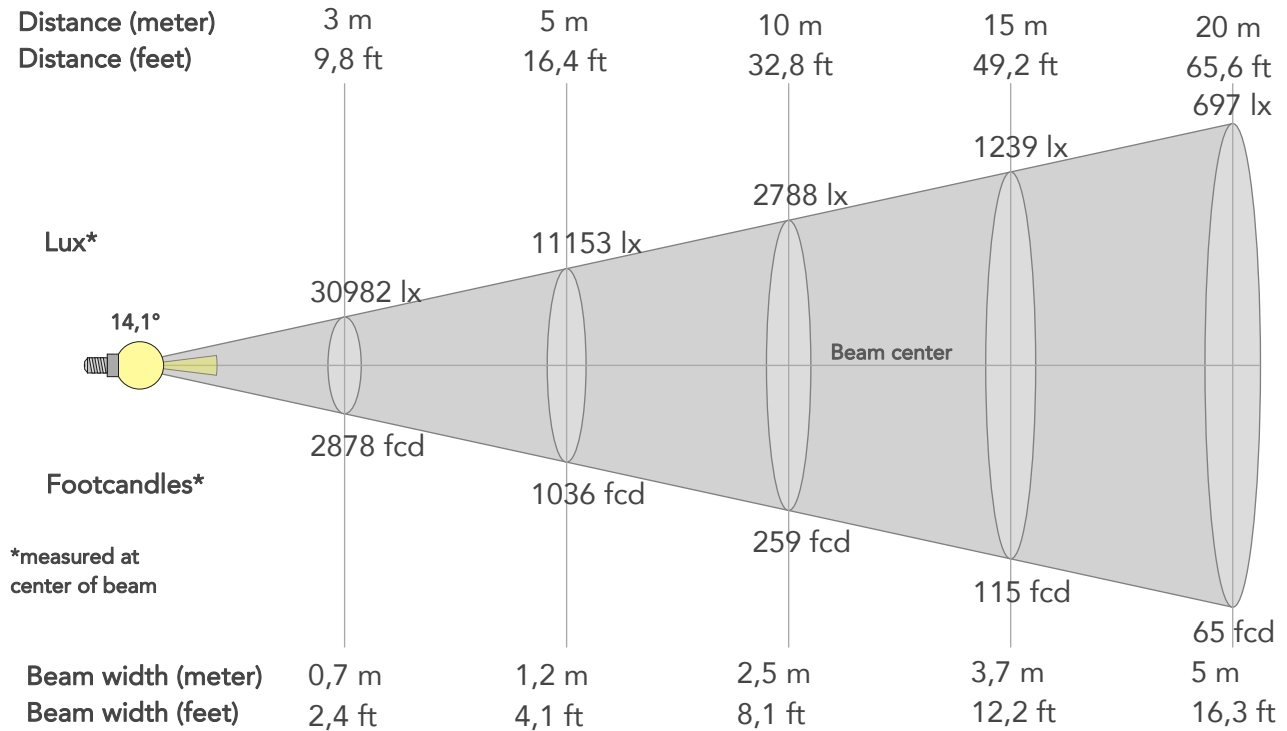
Cut off angle 2.5%: 37,8°

## Spectra



## BEAM DETAILS

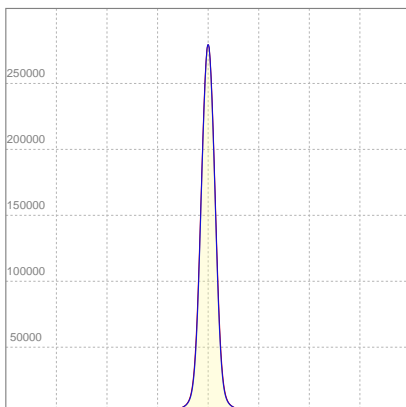
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,1°	25,8°	37,8°	99,7%	98,3%



### 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	278834lx	69708lx	30982lx	17427lx	11153lx	4957lx	2788lx	1239lx	697lx	446lx	310lx	174lx	112lx
Footcand.	25905fcd	6476fcd	2878fcd	1619fcd	1036fcd	461fcd	259fcd	115fcd	65fcd	41fcd	29fcd	16fcd	10fcd
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	40,6ft

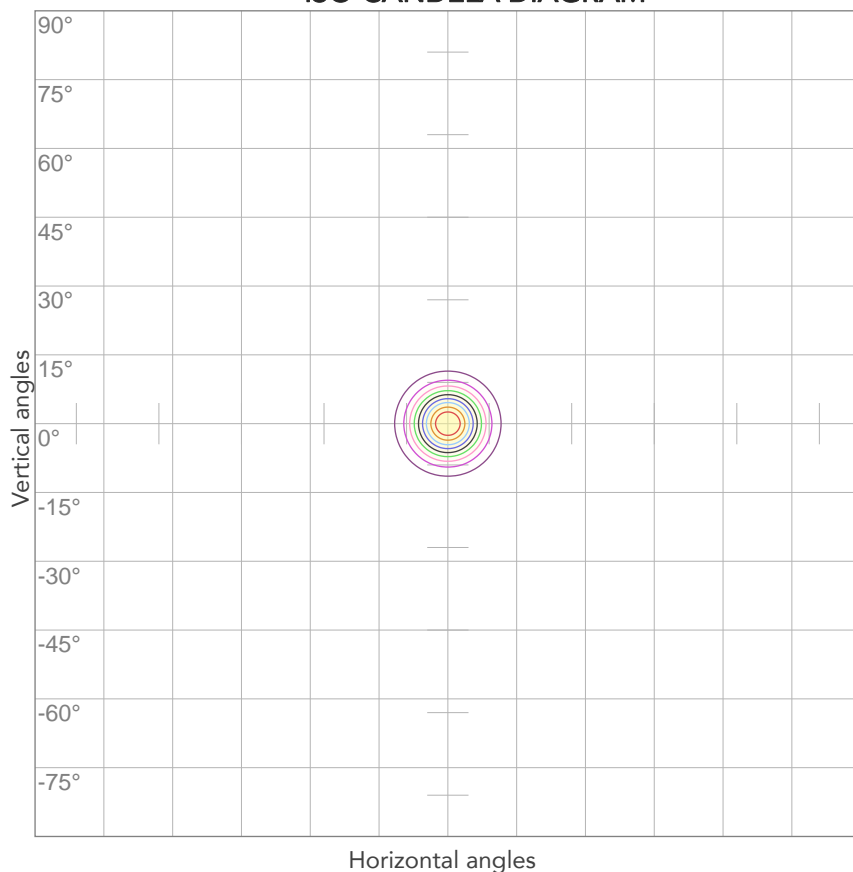
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	2,27A	488,4W	47lm/W
Power FC			
0,96			

## ISO CANDELA DIAGRAM



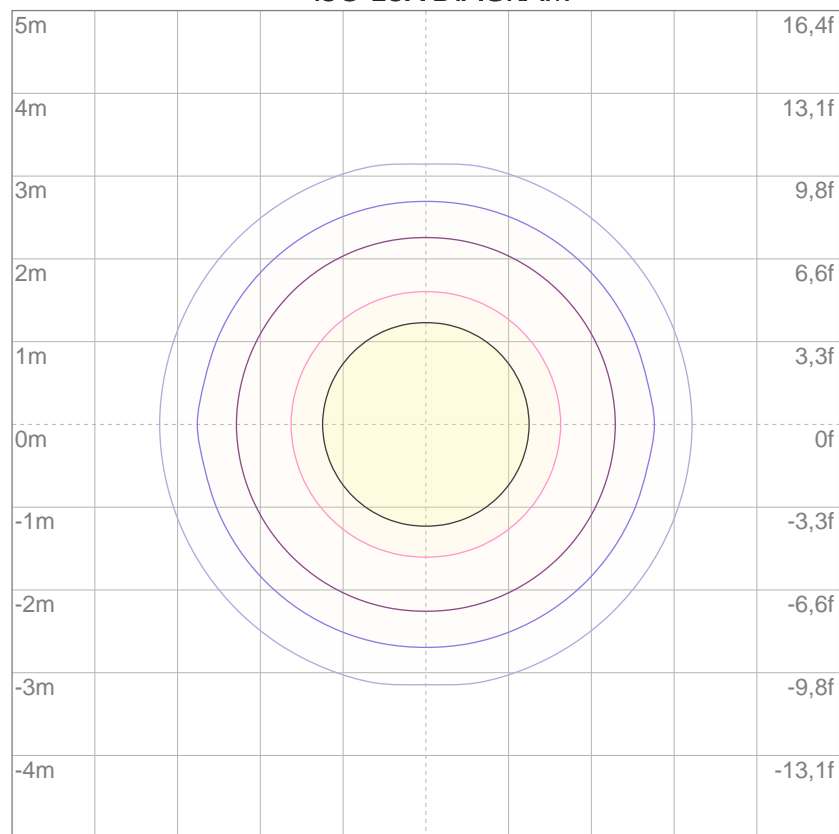
10%	27883 cd
20%	55767 cd
30%	83650 cd
40%	111533 cd
50%	139417 cd
60%	167300 cd
70%	195184 cd
80%	223067 cd

### Conditions:

Number of c-planes: 4

Candela at center: 278834 cd

## ISO LUX DIAGRAM



3%	83,7 lx
5%	139 lx
10%	279 lx
30%	837 lx
50%	1394 lx

### Conditions:

Number of c-planes: 4

Lux at center: 2788 lx

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



Total lumen output:

46094 lm

Peak candela output:

557951 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

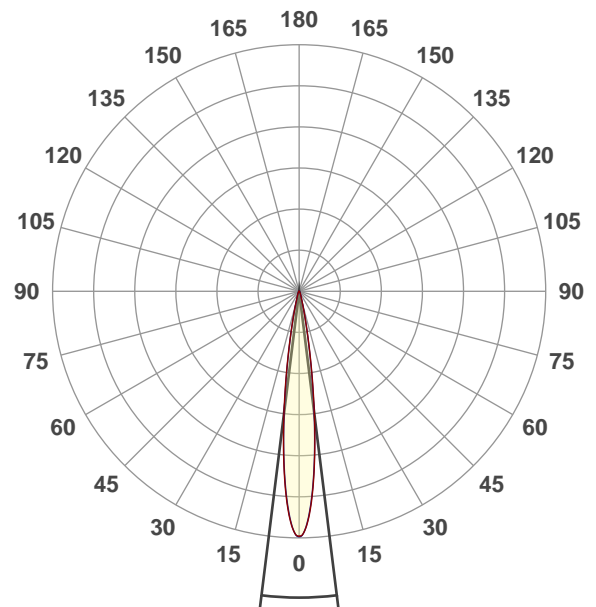
Full on

Operator:

Paolo Carvone

Date and time:

29/04/2020 16:37:59

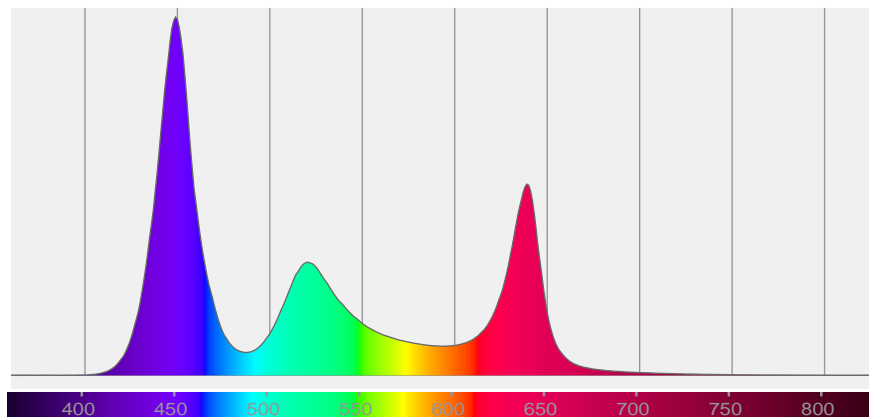


Beam angle 50%: 14,1°

Field angle 10%: 25,8°

Cut off angle 2.5%: 37,8°

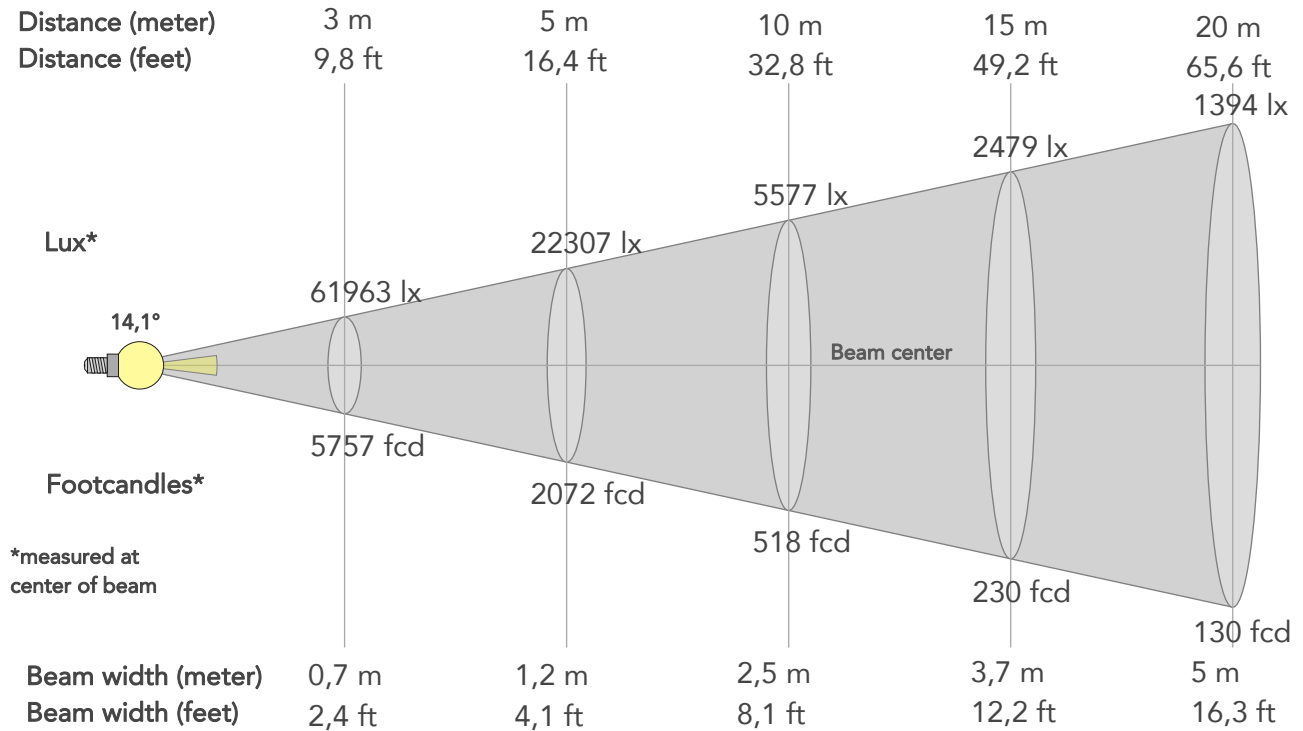
## Spectra



## BEAM DETAILS



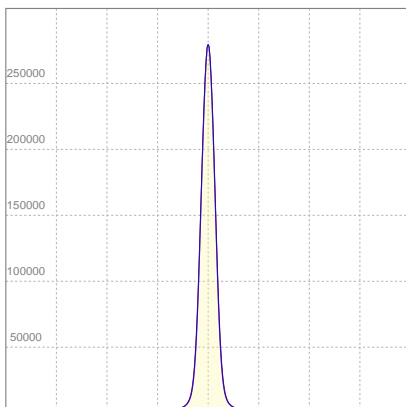
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,1°	25,8°	37,8°	99,7%	98,3%



### 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	557663lx	139416lx	61963lx	34854lx	22307lx	9914lx	5577lx	2479lx	1394lx	892lx	620lx	349lx	223lx
Footcand.	51809fcd	12952fcd	5757fcd	3238fcd	2072fcd	921fcd	518fcd	230fcd	130fcd	83fcd	58fcd	32fcd	21fcd
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	40,6ft

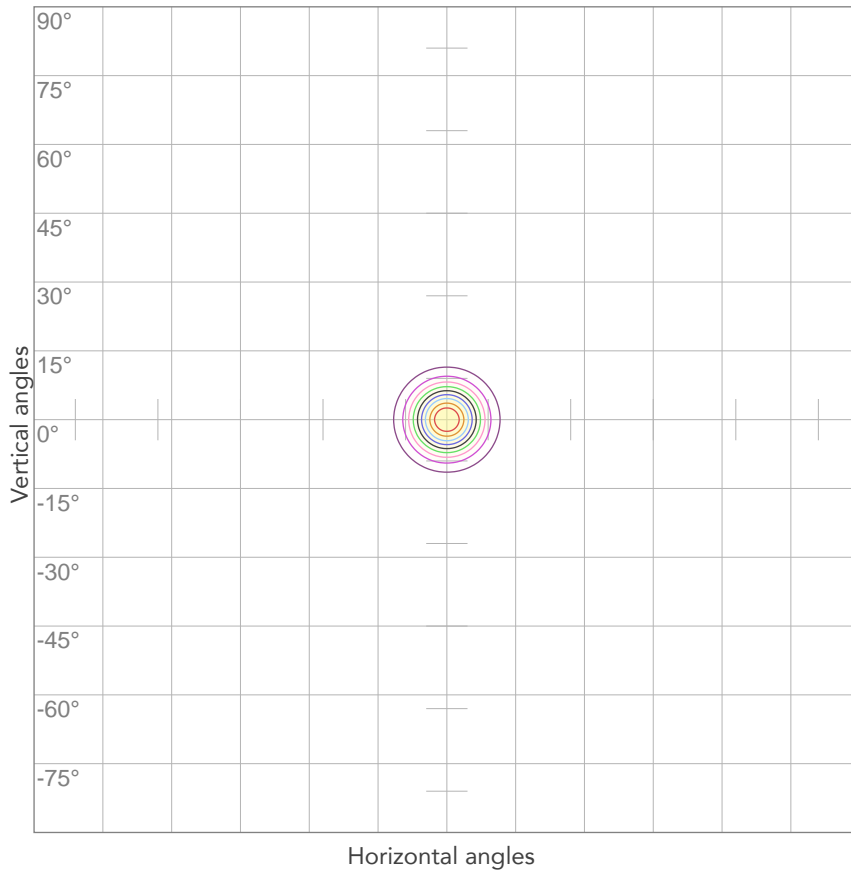
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	4,52A	973,4W	47lm/W
Power FC			
0,96			

## ISO CANDELA DIAGRAM



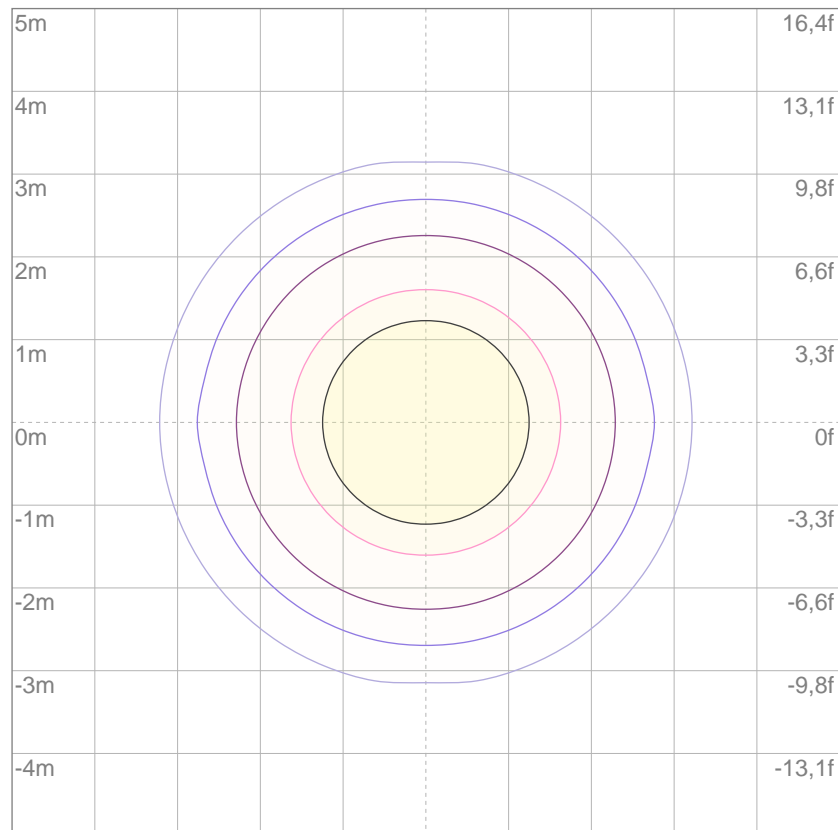
10%	55766 cd
20%	111533 cd
30%	167299 cd
40%	223065 cd
50%	278831 cd
60%	334598 cd
70%	390364 cd
80%	446130 cd

### Conditions:

Number of c-planes: 4

Candela at center: 557663 cd

## ISO LUX DIAGRAM



3%	167 lx
5%	279 lx
10%	558 lx
30%	1673 lx
50%	2788 lx

### Conditions:

Number of c-planes: 4

Lux at center: 5577 lx

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





Total lumen output:

20785 lm

Peak candela output:

116228 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASURAMENT CONDITIONS:

Beam angle:

25°

Target:

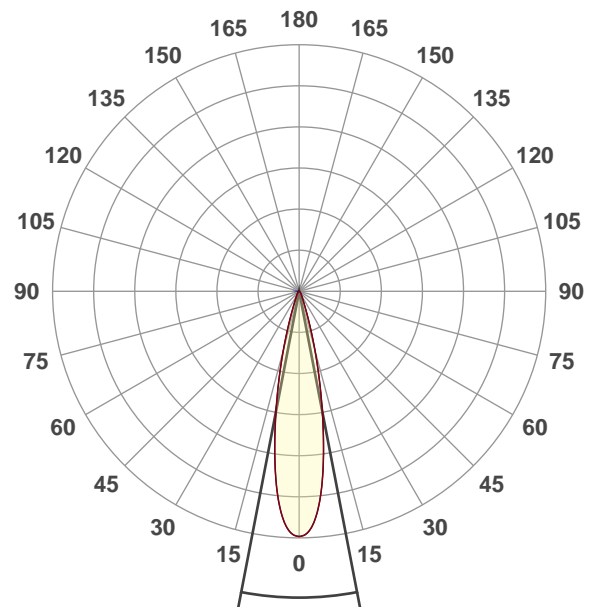
Full on

Operator:

Paolo Carvone

Date and time:

29/04/2020 14:49:40

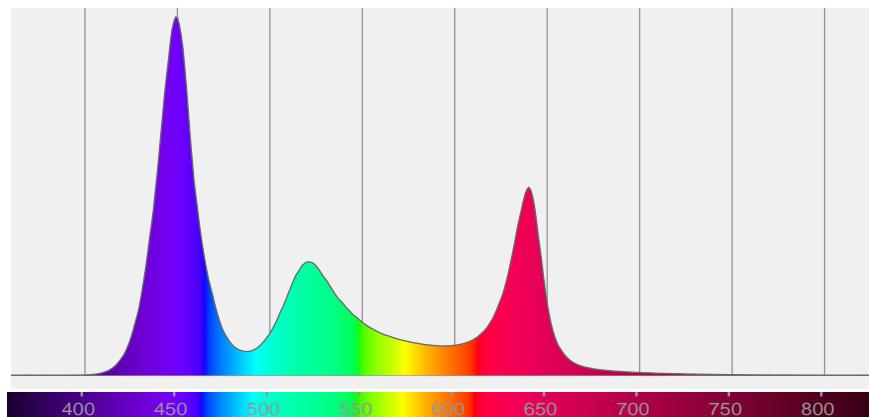


Beam angle 50%: 21,8°

Field angle 10%: 37,9°

Cut off angle 2.5%: 54,9°

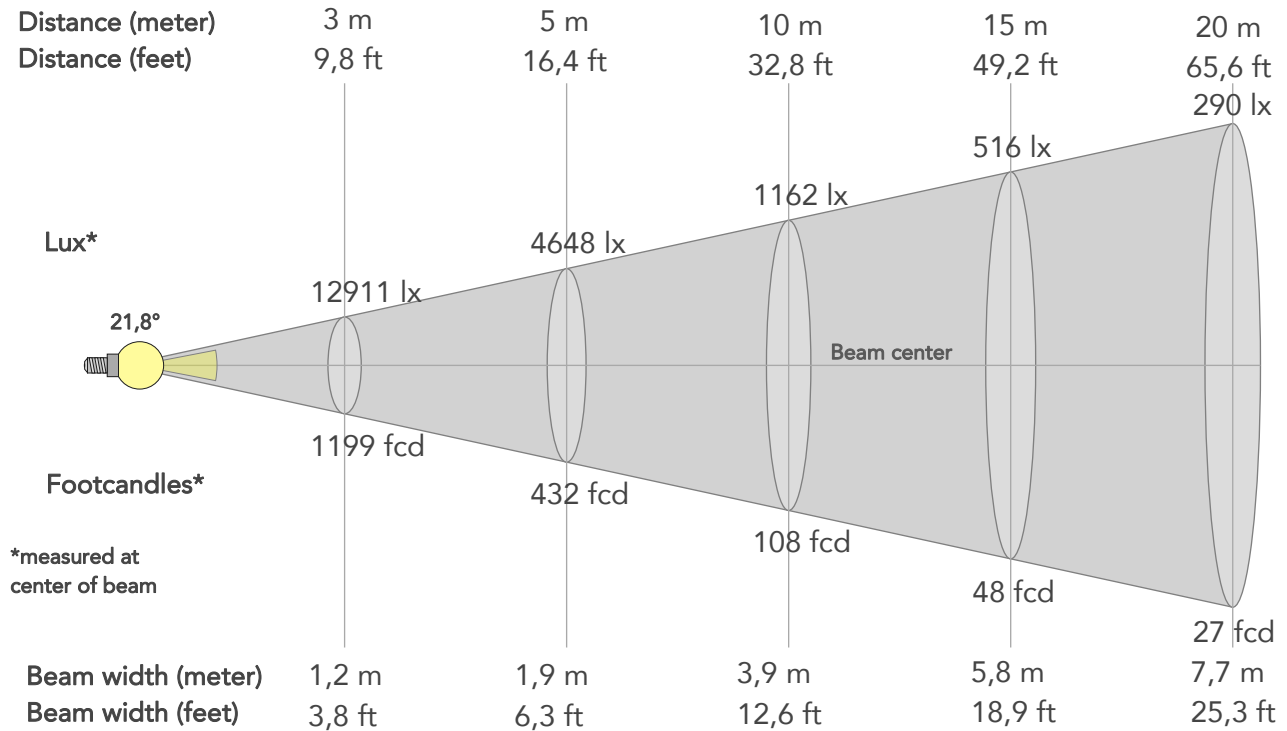
## Spectra



## BEAM DETAILS



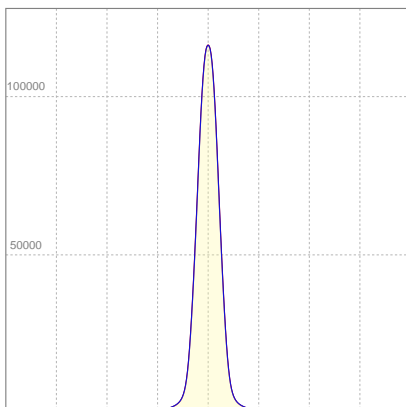
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,8°	37,9°	54,9°	99,0%	96,3%



### 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	116199lx	29050lx	12911lx	7262lx	4648lx	2066lx	1162lx	516lx	290lx	186lx	129lx	73lx	46lx
Footcand.	10795fcd	2699fcd	1199fcd	675fcd	432fcd	192fcd	108fcd	48fcd	27fcd	17fcd	12fcd	7fcd	4fcd
Beam wid.	0,4m	0,8m	1,2m	1,5m	1,9m	2,9m	3,9m	5,8m	7,7m	9,6m	11,6m	15,4m	19,3m
Beam wid.	1,3ft	2,5ft	3,8ft	5ft	6,3ft	9,5ft	12,6ft	18,9ft	25,3ft	31,6ft	37,9ft	50,5ft	63,2ft

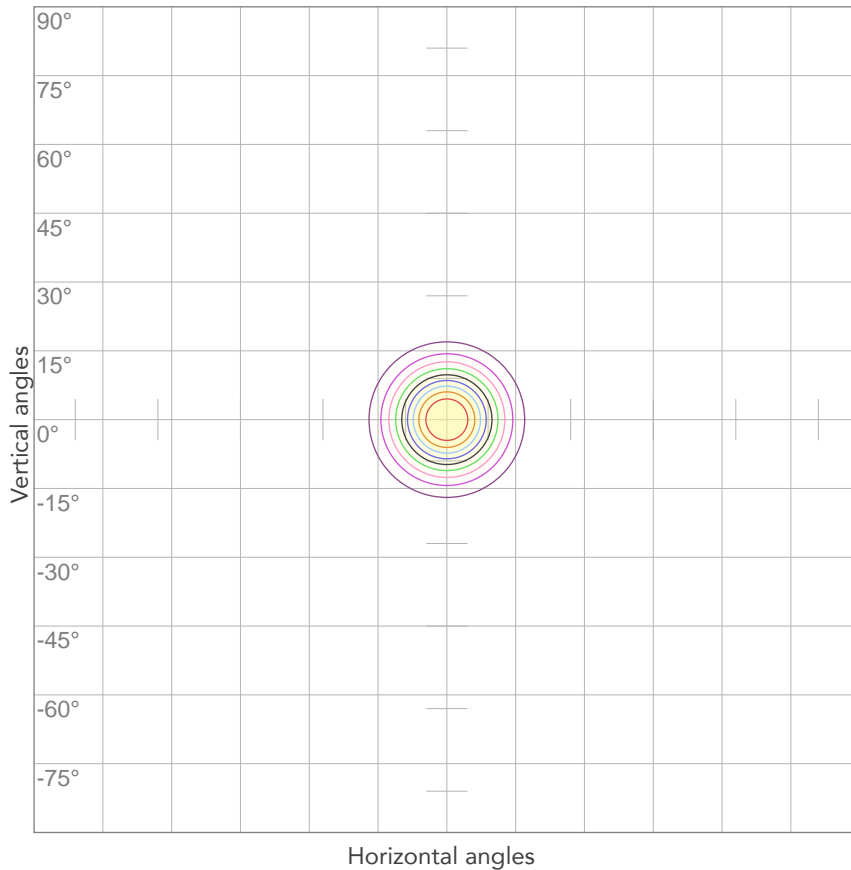
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	2,27A	487,1W	43lm/W
Power FC			
0,96			

## ISO CANDELA DIAGRAM



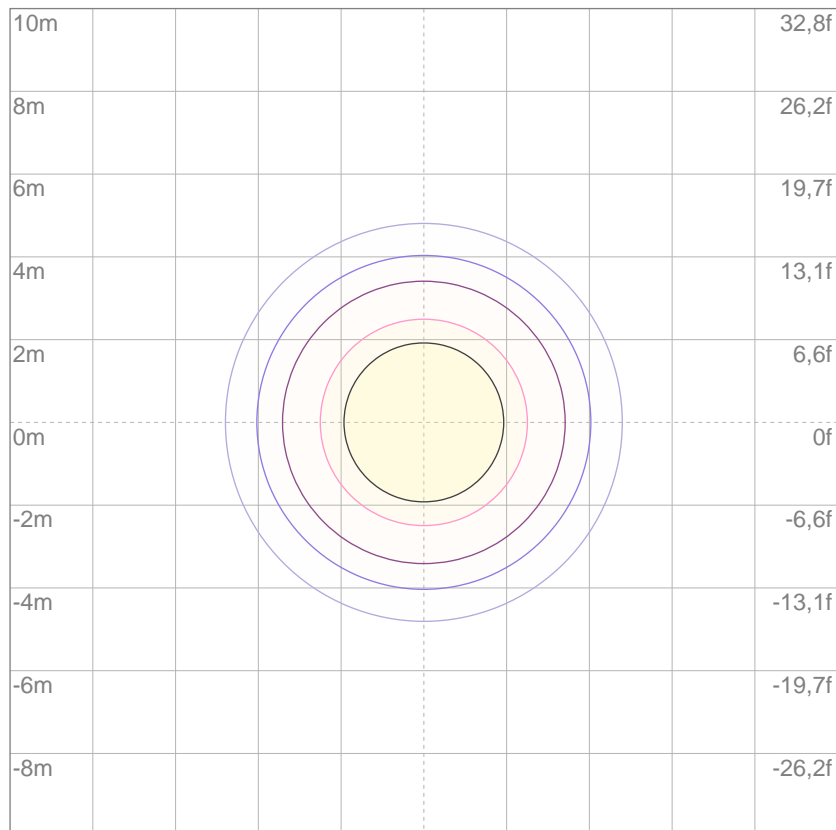
10%	11620 cd
20%	23240 cd
30%	34860 cd
40%	46480 cd
50%	58100 cd
60%	69720 cd
70%	81339 cd
80%	92959 cd

### Conditions:

Number of c-planes: 4

Candela at center: 116199 cd

## ISO LUX DIAGRAM



3%	34,9 lx
5%	58,1 lx
10%	116 lx
30%	349 lx
50%	581 lx

### Conditions:

Number of c-planes: 4

Lux at center: 1162 lx

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



Total lumen output:

41570 lm

Peak candela output:

232460 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

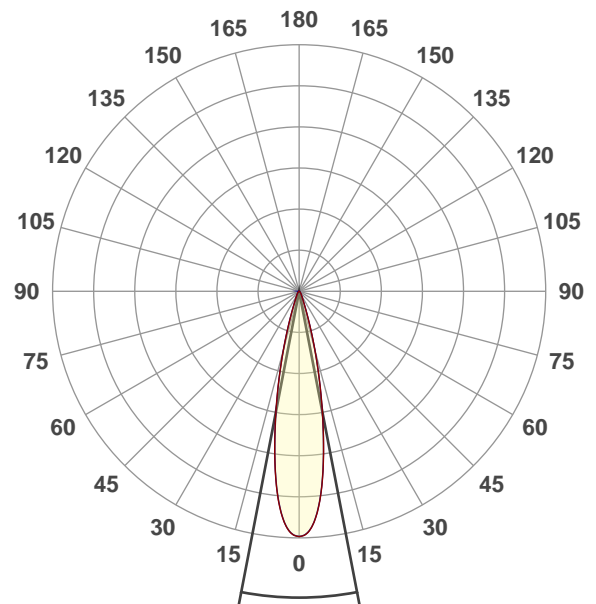
Full on

Operator:

Paolo Carvone

Date and time:

29/04/2020 14:49:40

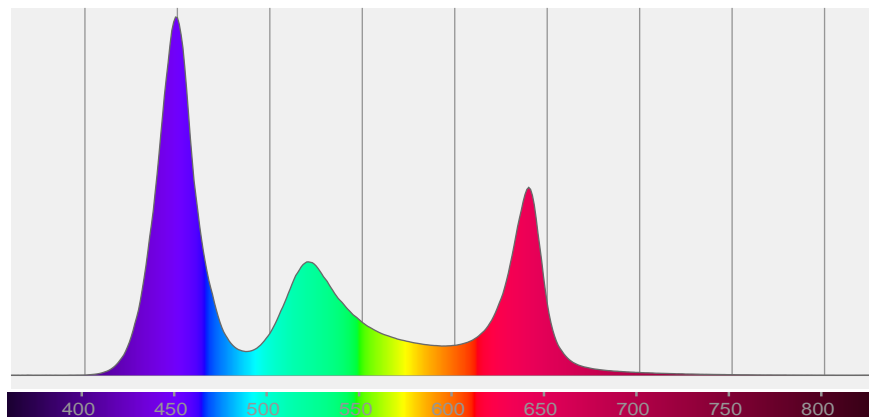


Beam angle 50%: 21,8°

Field angle 10%: 37,9°

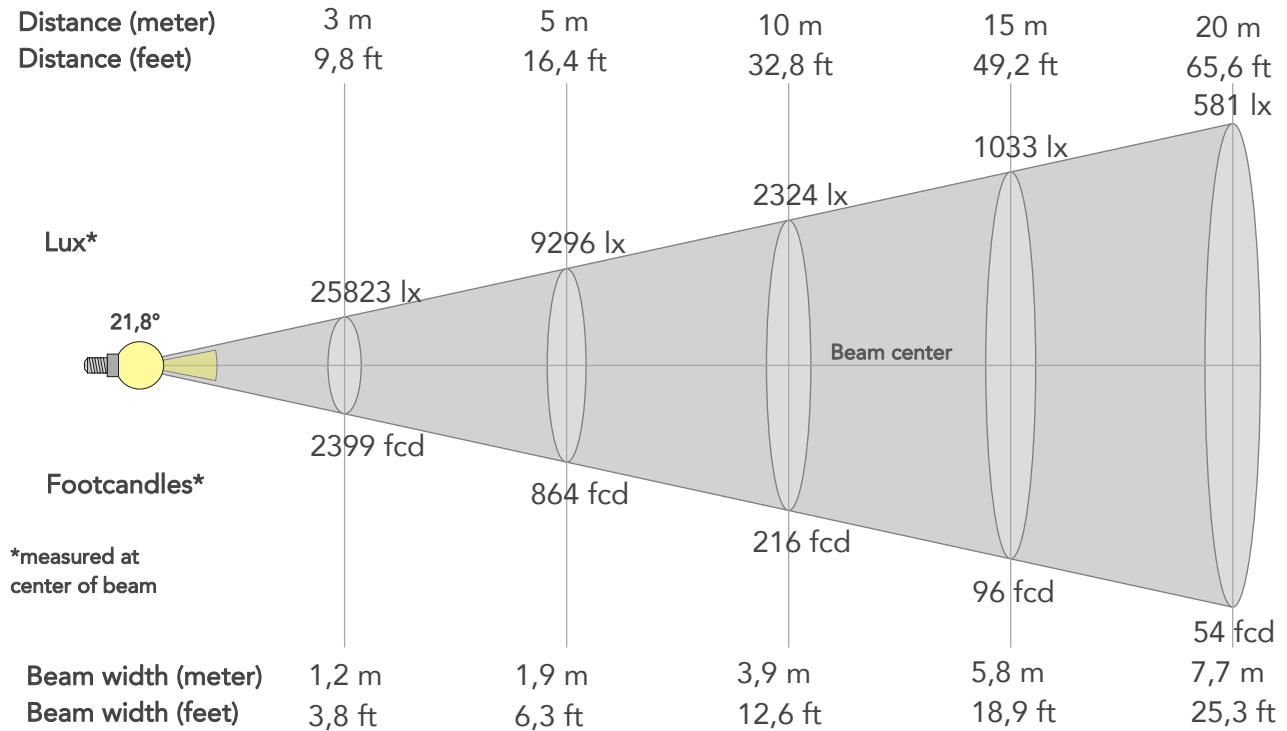
Cut off angle 2.5%: 54,9°

## Spectra



## BEAM DETAILS

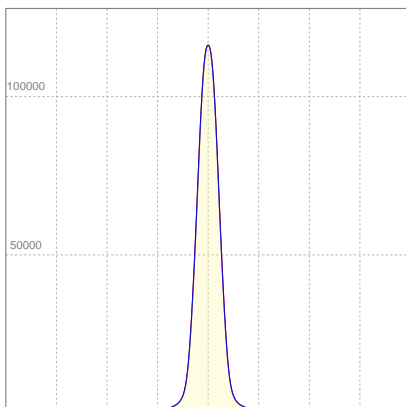
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,8°	37,9°	54,9°	99,0%	96,3%



### 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	232403lx	58101lx	25823lx	14525lx	9296lx	4132lx	2324lx	1033lx	581lx	372lx	258lx	145lx	93lx
Footcand.	21591fcd	5398fcd	2399fcd	1349fcd	864fcd	384fcd	216fcd	96fcd	54fcd	35fcd	24fcd	13fcd	9fcd
Beam wid.	0,4m	0,8m	1,2m	1,5m	1,9m	2,9m	3,9m	5,8m	7,7m	9,6m	11,6m	15,4m	19,3m
Beam wid.	1,3ft	2,5ft	3,8ft	5ft	6,3ft	9,5ft	12,6ft	18,9ft	25,3ft	31,6ft	37,9ft	50,5ft	63,2ft

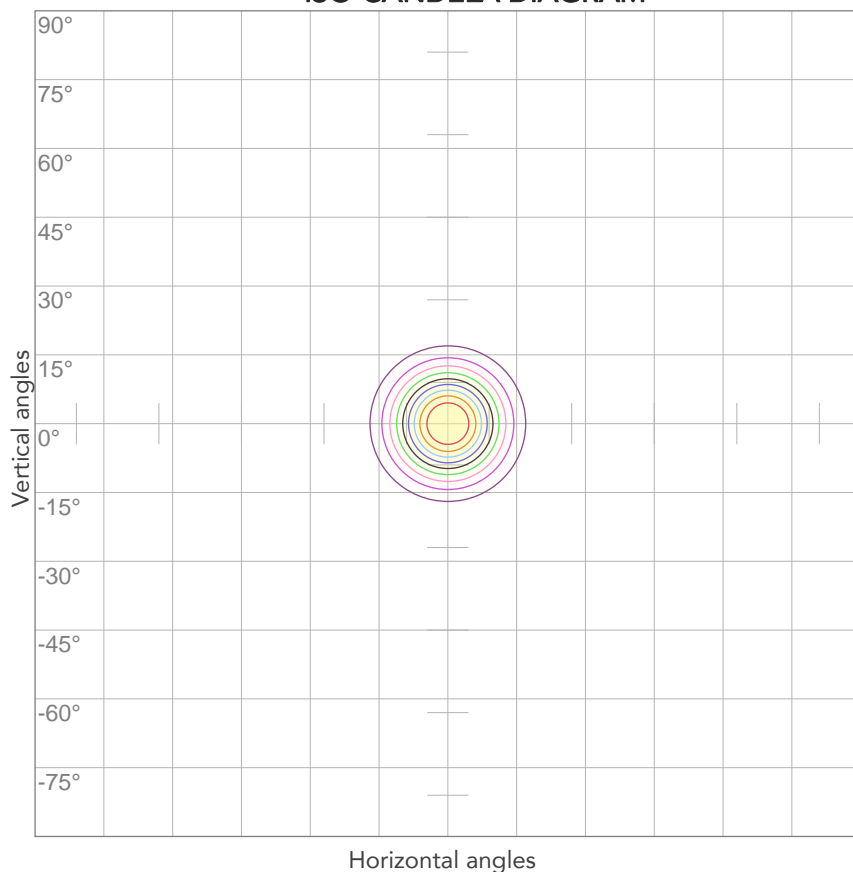
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Efficiency
223V	4,52A	973,4W	42,5lm/W
Power FC			
0,96			

## ISO CANDELA DIAGRAM



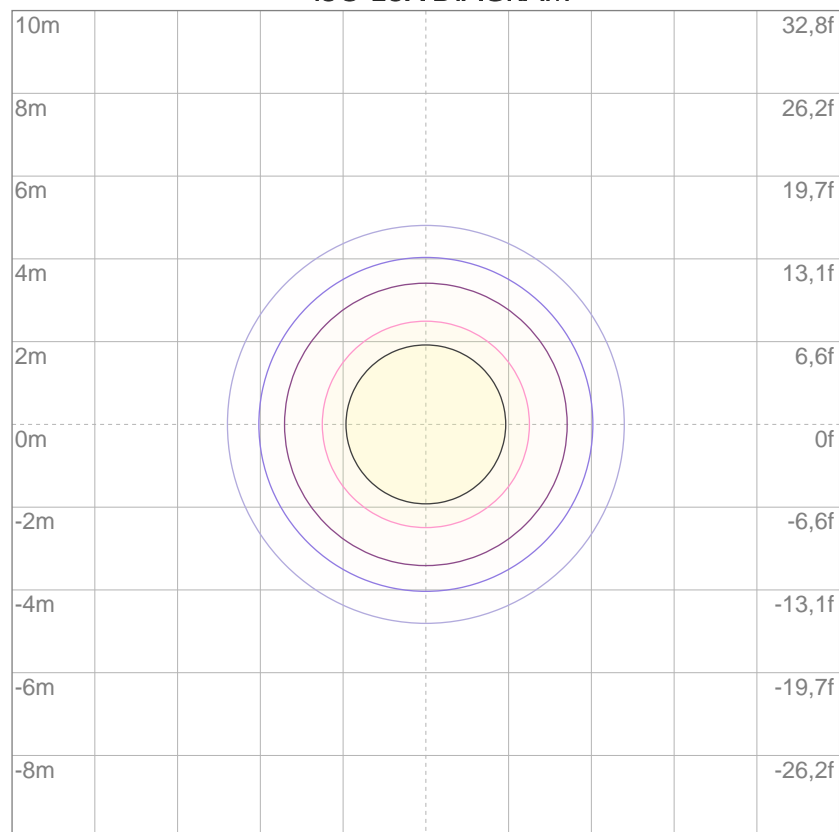
10%	23240 cd
20%	46481 cd
30%	69721 cd
40%	92961 cd
50%	116201 cd
60%	139442 cd
70%	162682 cd
80%	185922 cd

### Conditions:

Number of c-planes: 4

Candela at center: 232403 cd

## ISO LUX DIAGRAM



3%	69,7 lx
5%	116 lx
10%	232 lx
30%	697 lx
50%	1162 lx

### Conditions:

Number of c-planes: 4

Lux at center: 2324 lx

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



Total lumen output:

16705 lm

Peak candela output:

25093 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

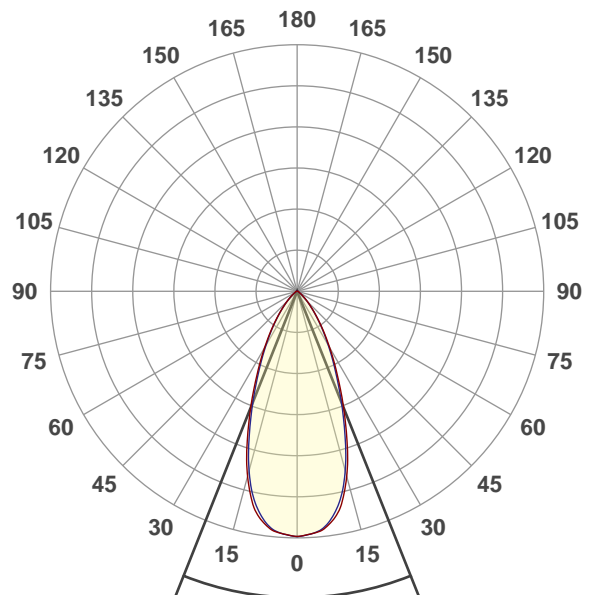
Full on

Operator:

Paolo Carvone

Date and time:

29/04/2020 13:14:42

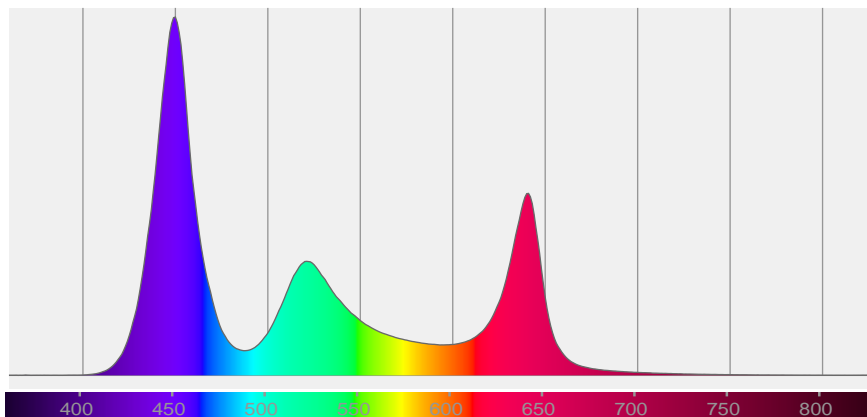


Beam angle 50%: 43,5°

Field angle 10%: 80°

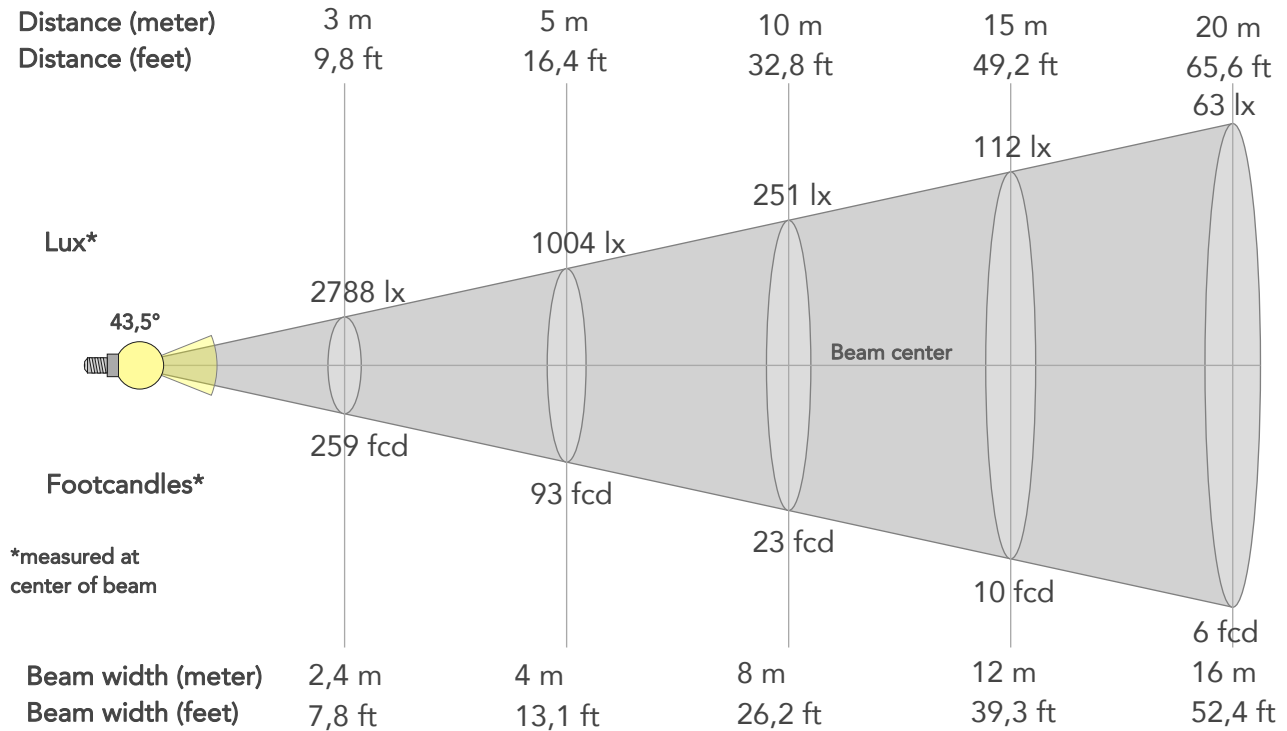
Cut off angle 2.5%: 104°

## Spectra



## BEAM DETAILS

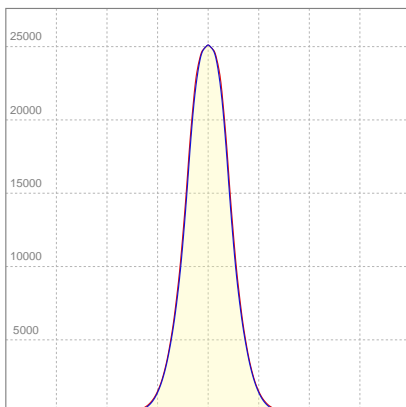
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
43,5°	80°	104°	97,5%	92,4%



### 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	25088lx	6272lx	2788lx	1568lx	1004lx	446lx	251lx	112lx	63lx	40lx	28lx	16lx	10lx
Footcand.	2331fcd	583fcd	259fcd	146fcd	93fcd	41fcd	23fcd	10fcd	6fcd	4fcd	3fcd	1fcd	1fcd
Beam wid.	0,8m	1,6m	2,4m	3,2m	4m	6m	8m	12m	16m	20m	23,9m	31,9m	39,9m
Beam wid.	2,6ft	5,3ft	7,8ft	10,5ft	13,1ft	19,6ft	26,2ft	39,3ft	52,4ft	65,4ft	78,5ft	104,7ft	130,9ft

### LINEAR DISTRIBUTION DIAGRAM

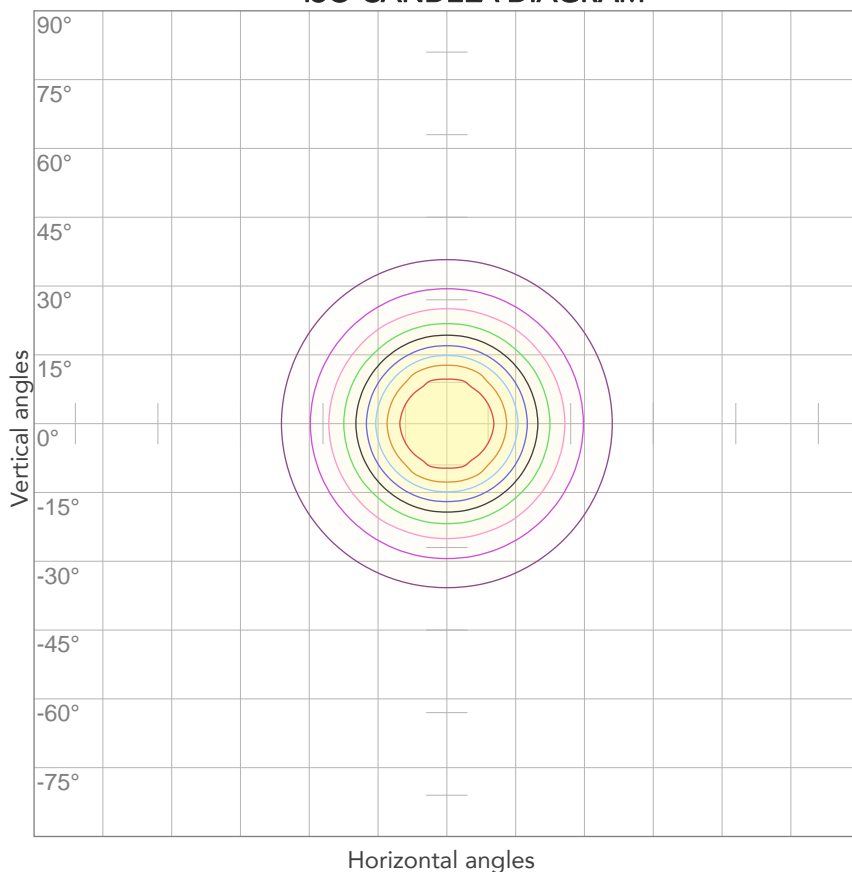


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	2,24A	484,9W	34lm/W
Power FC			
0,96			



## ISO CANDELA DIAGRAM



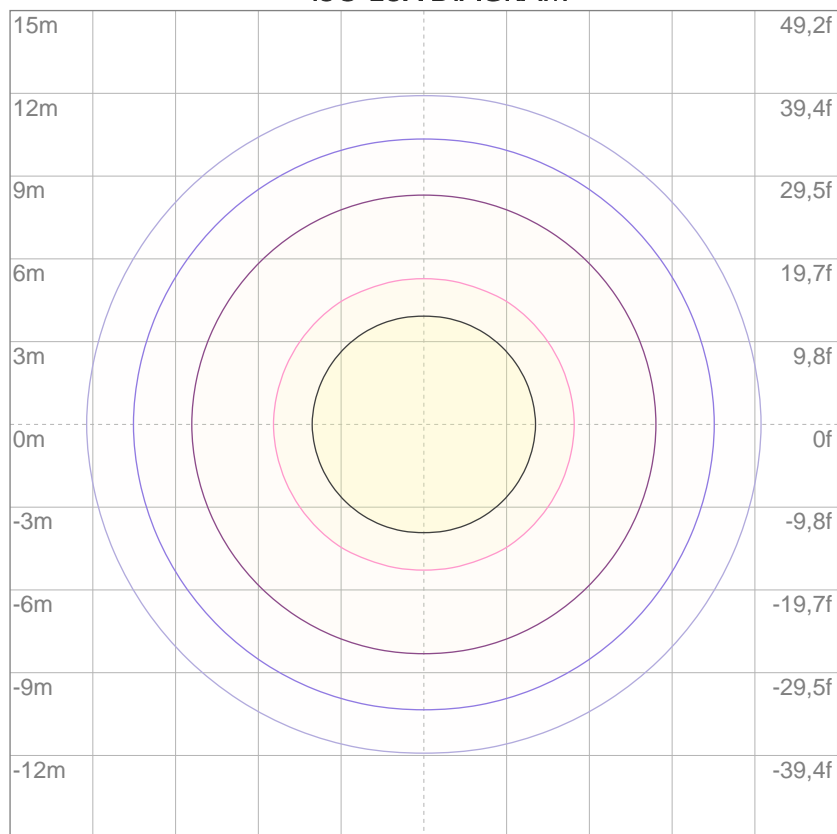
10%	2509 cd
20%	5018 cd
30%	7526 cd
40%	10035 cd
50%	12544 cd
60%	15053 cd
70%	17562 cd
80%	20070 cd

### Conditions:

Number of c-planes: 4

Candela at center: 25088 cd

## ISO LUX DIAGRAM



3%	7,53 lx
5%	12,5 lx
10%	25,1 lx
30%	75,3 lx
50%	125 lx

### Conditions:

Number of c-planes: 4

Lux at center: 251 lx

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



Total lumen output:

33410 lm

Peak candela output:

50186 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

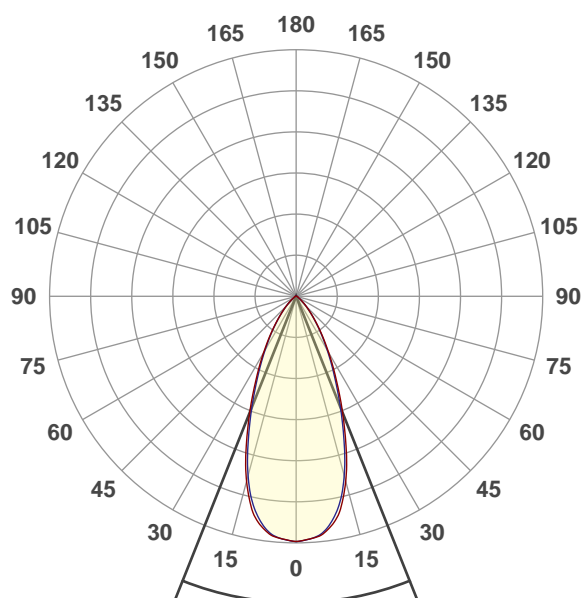
Full on

Operator:

Paolo Carvone

Date and time:

29/04/2020 13:14:42

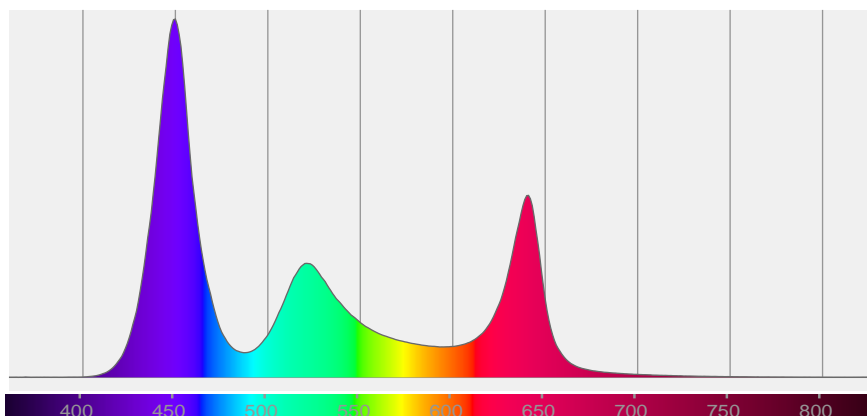


Beam angle 50%: 43,5°

Field angle 10%: 80°

Cut off angle 2.5%: 104°

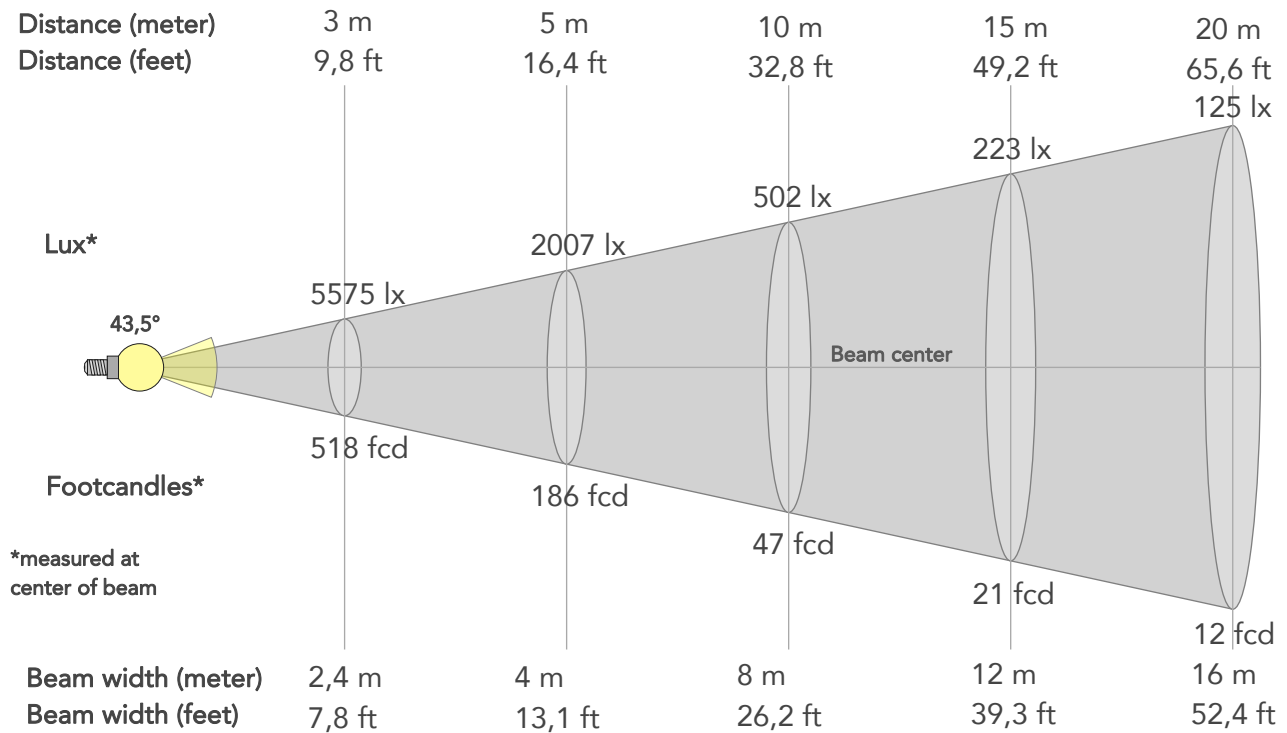
## Spectra



# BEAM DETAILS



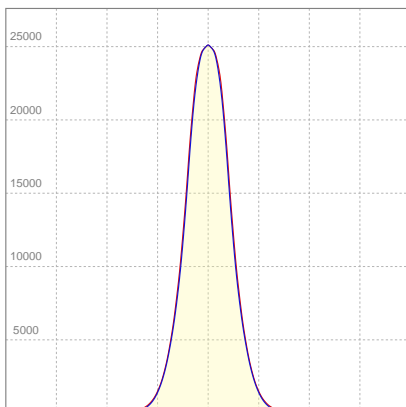
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
43,5°	80°	104°	97,5%	92,4%



## 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	50175lx	12544lx	5575lx	3136lx	2007lx	892lx	502lx	223lx	125lx	80lx	56lx	31lx	20lx
Footcand.	4661fcd	1165fcd	518fcd	291fcd	186fcd	83fcd	47fcd	21fcd	12fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,8m	1,6m	2,4m	3,2m	4m	6m	8m	12m	16m	20m	23,9m	31,9m	39,9m
Beam wid.	2,6ft	5,3ft	7,8ft	10,5ft	13,1ft	19,6ft	26,2ft	39,3ft	52,4ft	65,4ft	78,5ft	104,7ft	130,9ft

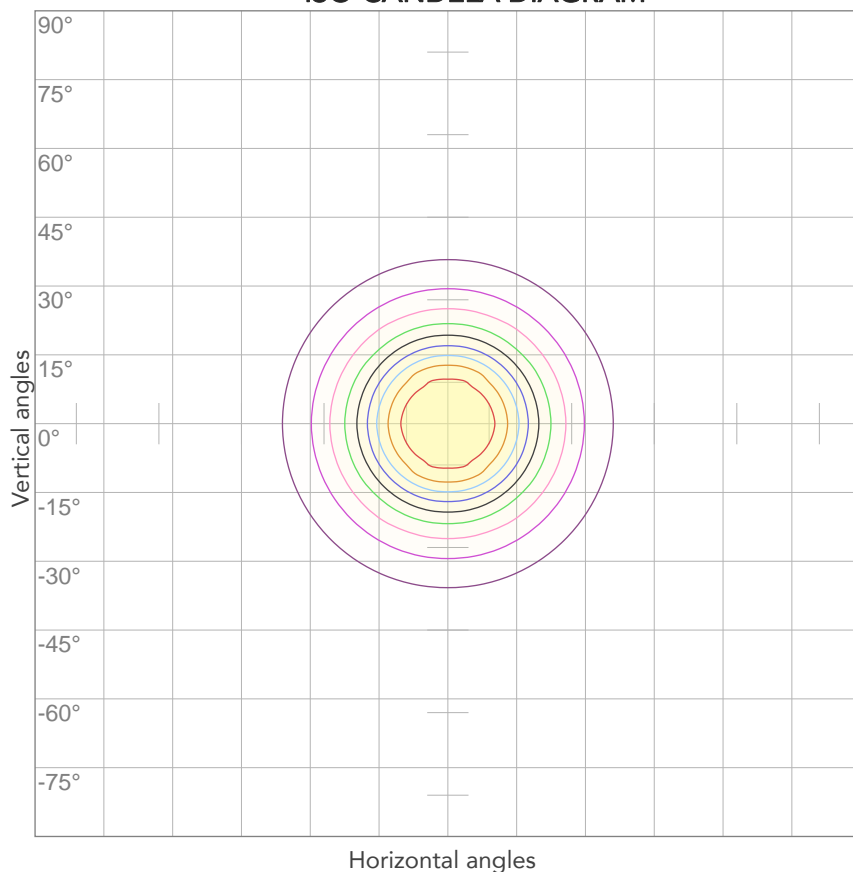
## LINEAR DISTRIBUTION DIAGRAM



## ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	4,52A	973,4W	34,5lm/W
Power FC			
0,96			

## ISO CANDELA DIAGRAM



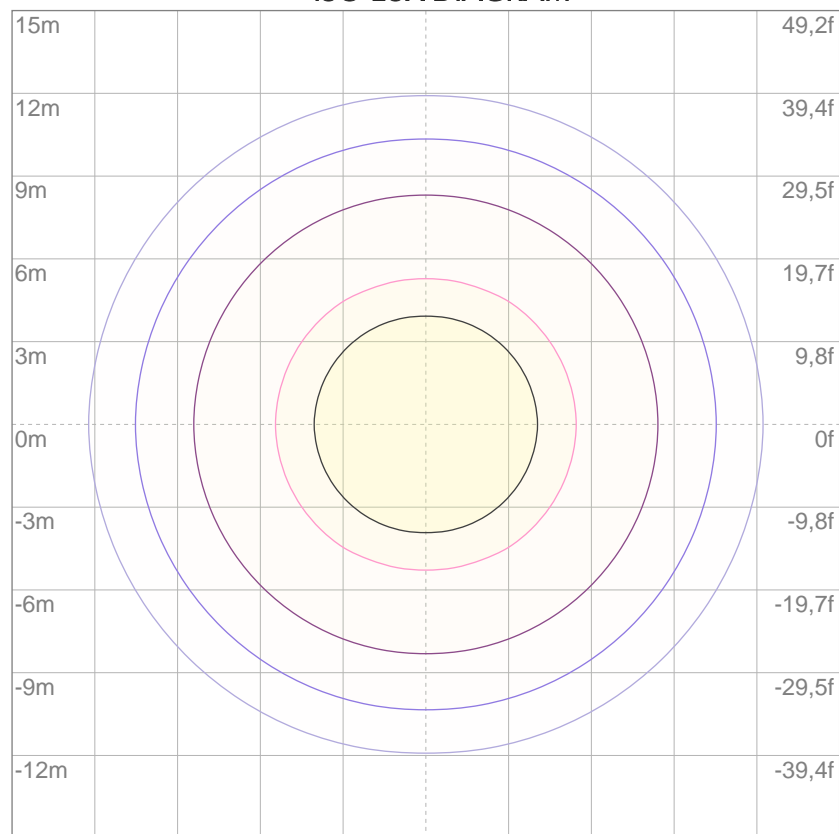
10%	5017 cd
20%	10035 cd
30%	15052 cd
40%	20070 cd
50%	25087 cd
60%	30105 cd
70%	35122 cd
80%	40140 cd

### Conditions:

Number of c-planes: 4

Candela at center: 50175 cd

## ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	15,1 lx
5%	25,1 lx
10%	50,2 lx
30%	151 lx
50%	251 lx

### Conditions:

Number of c-planes: 4

Lux at center: 502 lx

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



Total lumen output:

2697 lm

Peak candela output:

50866 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

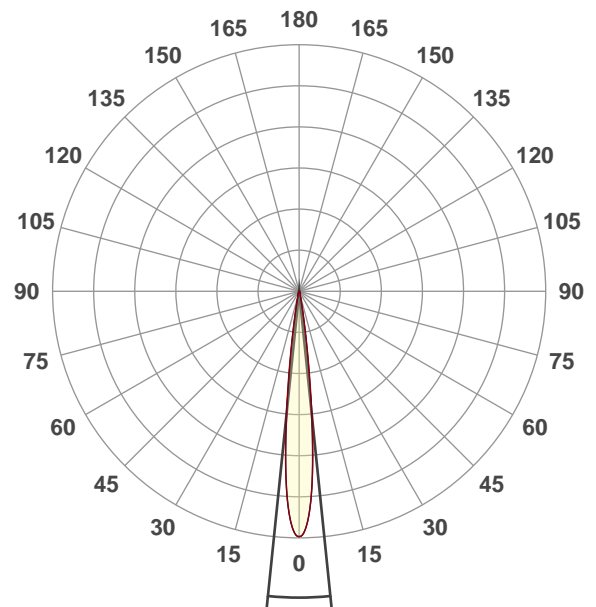
Red

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:39:22

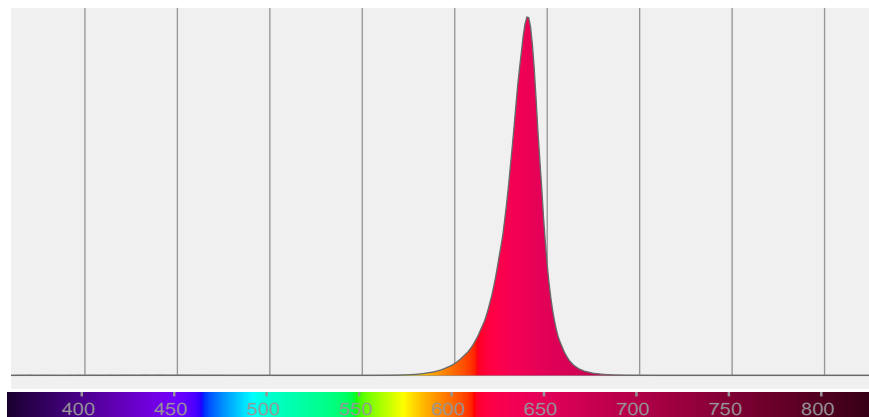


Beam angle 50%: 11,7°

Field angle 10%: 19,4°

Cut off angle 2.5%: 26,7°

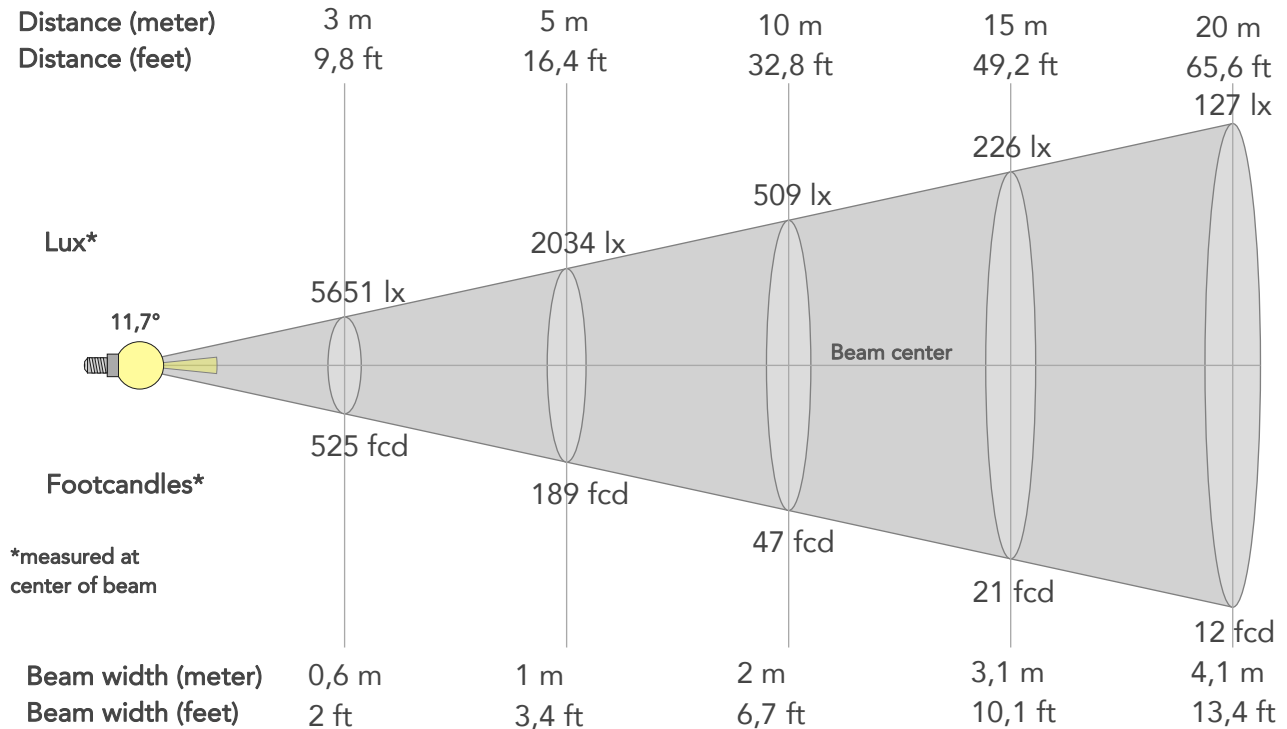
## Spectra



## BEAM DETAILS



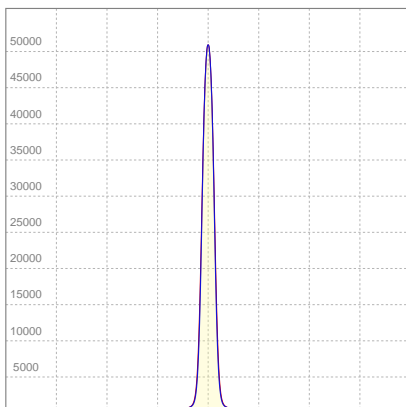
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,7°	19,4°	26,7°	99,4%	97,7%



### 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	50859lx	12715lx	5651lx	3179lx	2034lx	904lx	509lx	226lx	127lx	81lx	57lx	32lx	20lx
Footcand.	4725fcd	1181fcd	525fcd	295fcd	189fcd	84fcd	47fcd	21fcd	12fcd	8fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	3,1m	4,1m	5,1m	6,1m	8,2m	10,2m
Beam wid.	0,7ft	1,4ft	2ft	2,7ft	3,4ft	5ft	6,7ft	10,1ft	13,4ft	16,8ft	20,2ft	26,9ft	33,6ft

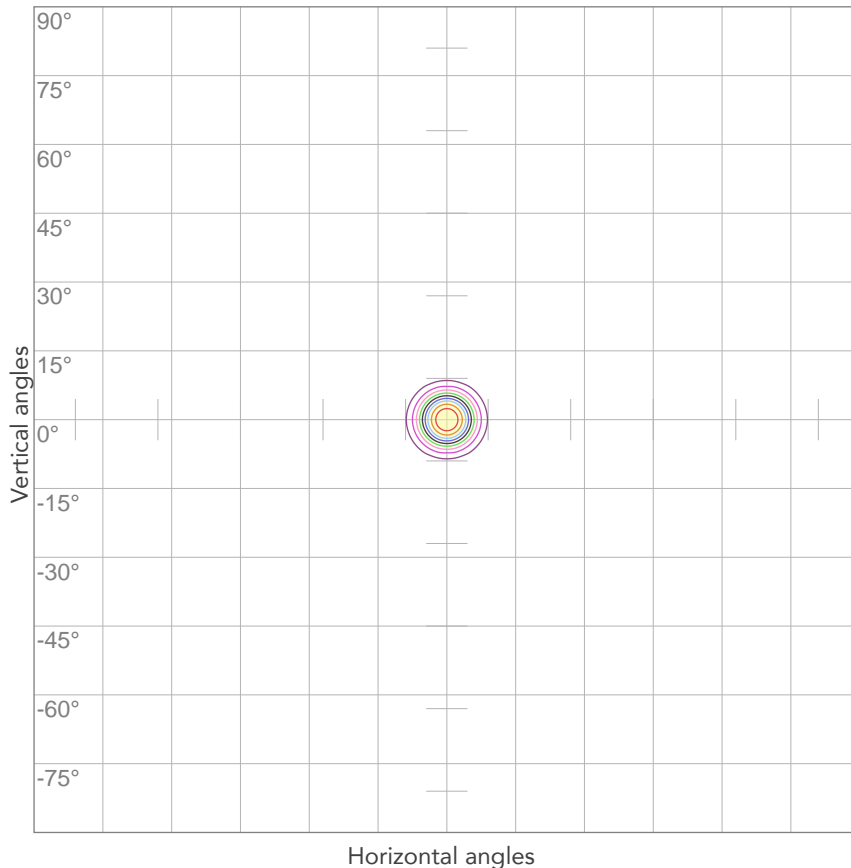
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,562A	92,7W	29lm/W
Power FC			
0,73			

## ISO CANDELA DIAGRAM



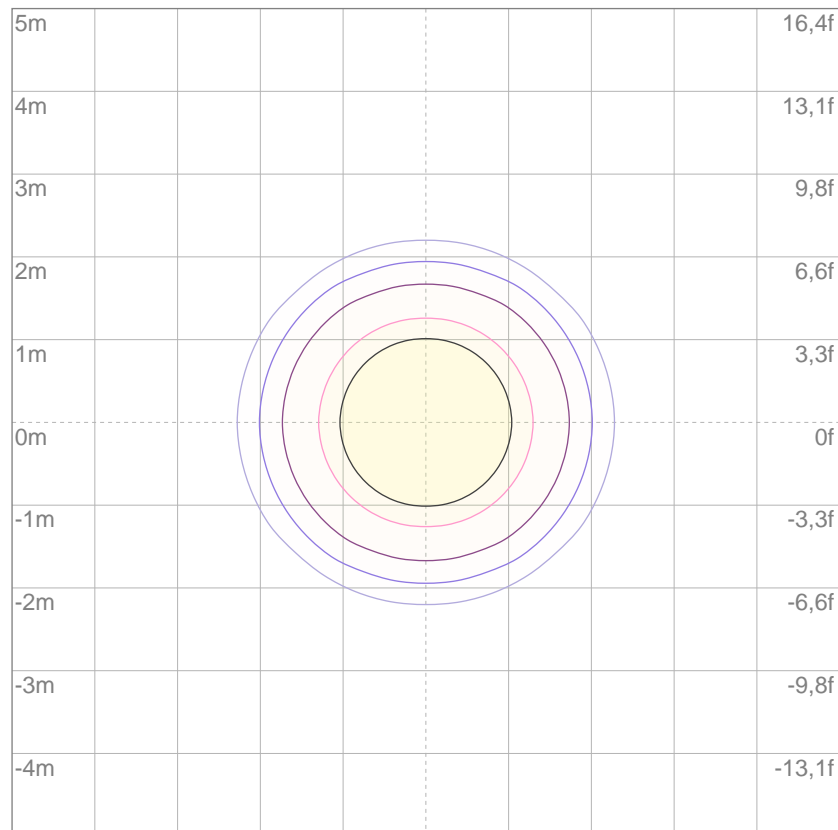
10%	5086 cd
20%	10172 cd
30%	15258 cd
40%	20344 cd
50%	25430 cd
60%	30516 cd
70%	35602 cd
80%	40688 cd

### Conditions:

Number of c-planes: 4

Candela at center: 50859 cd

## ISO LUX DIAGRAM



3%	15,3 lx
5%	25,4 lx
10%	50,9 lx
30%	153 lx
50%	254 lx

### Conditions:

Number of c-planes: 4

Lux at center: 509 lx

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



Total lumen output:

5394 lm

Peak candela output:

101728 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASURAMENT CONDITIONS:

Beam angle:

10°

Target:

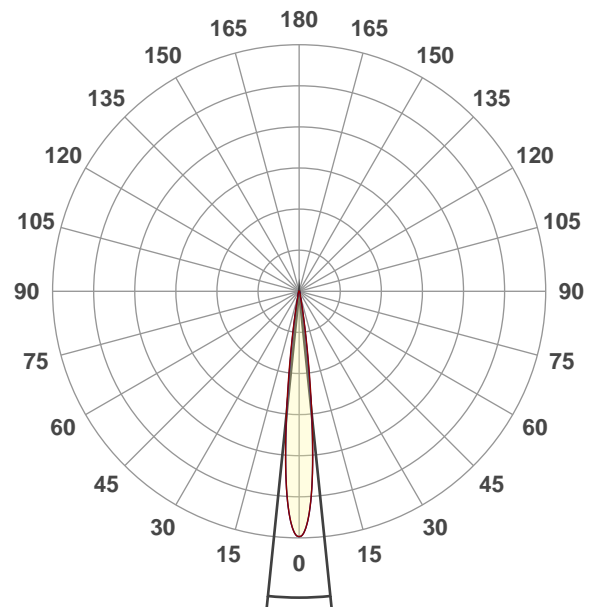
Red

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:39:22

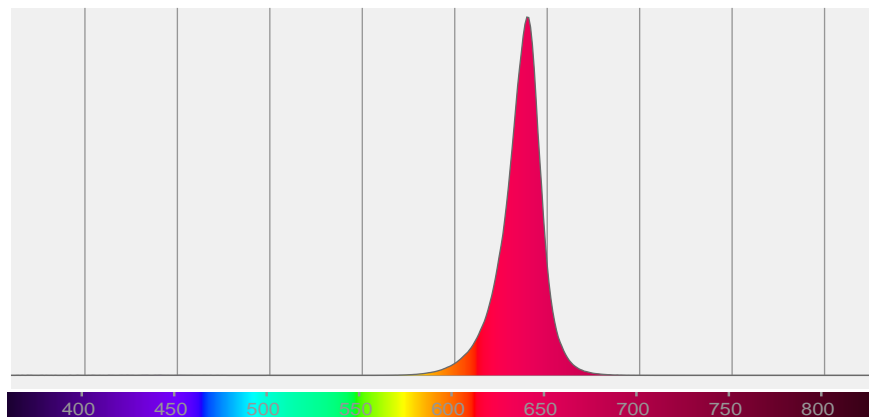


Beam angle 50%: 11,7°

Field angle 10%: 19,4°

Cut off angle 2.5%: 26,7°

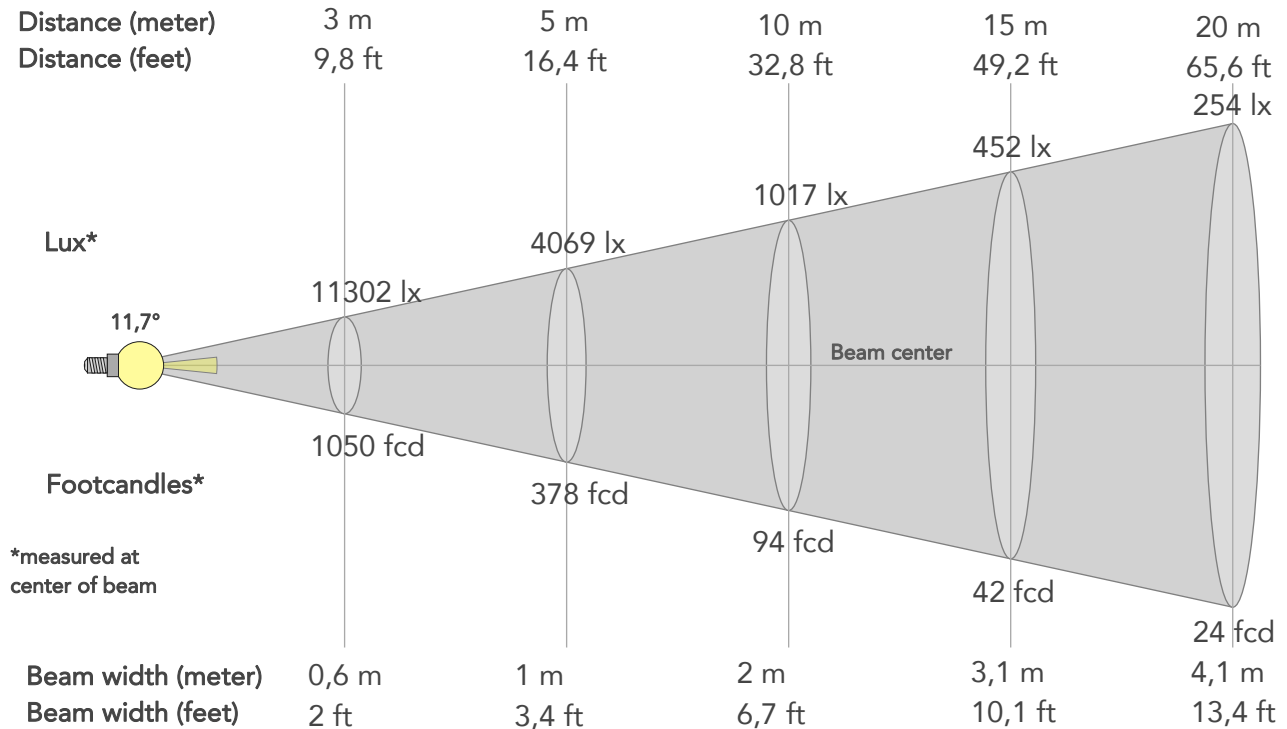
## Spectra





## BEAM DETAILS

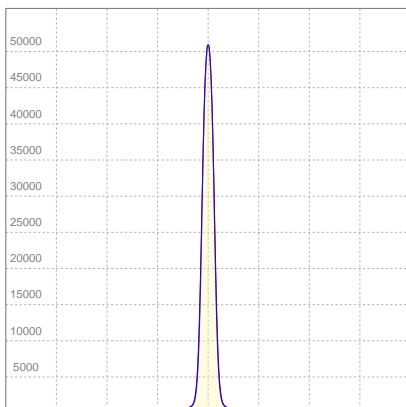
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,7°	19,4°	26,7°	99,4%	97,7%



### 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	101715lx	25429lx	11302lx	6357lx	4069lx	1808lx	1017lx	452lx	254lx	163lx	113lx	64lx	41lx
Footcand.	9450fcd	2362fcd	1050fcd	591fcd	378fcd	168fcd	94fcd	42fcd	24fcd	15fcd	10fcd	6fcd	4fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	3,1m	4,1m	5,1m	6,1m	8,2m	10,2m
Beam wid.	0,7ft	1,4ft	2ft	2,7ft	3,4ft	5ft	6,7ft	10,1ft	13,4ft	16,8ft	20,2ft	26,9ft	33,6ft

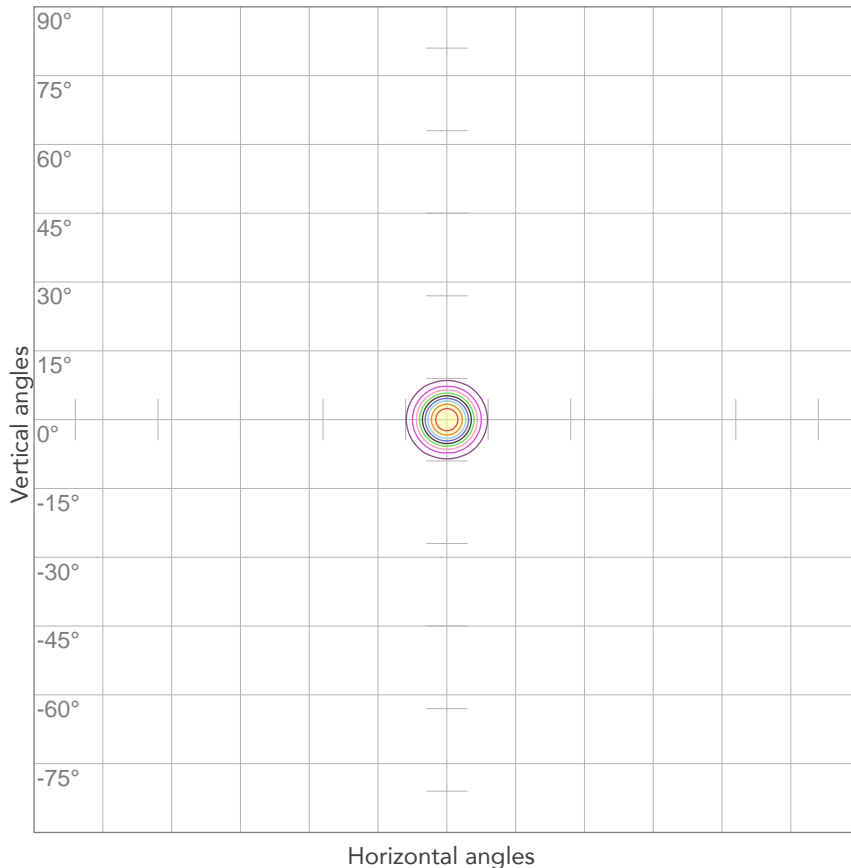
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,124A	185,4W	29.1lm/W
Power FC			
0,73			

## ISO CANDELA DIAGRAM



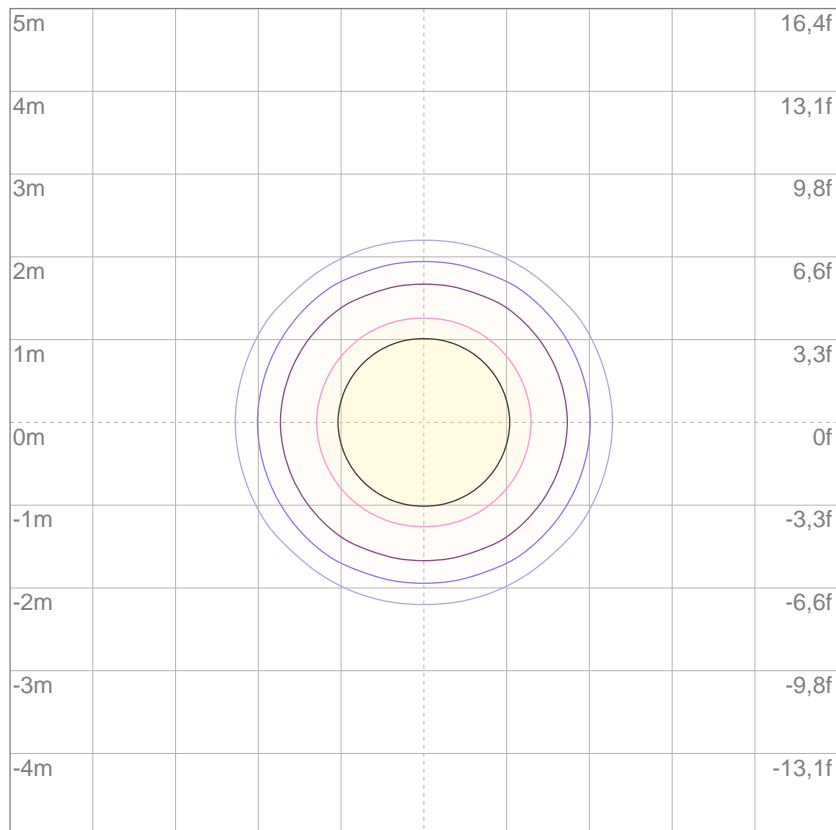
10%	10171 cd
20%	20343 cd
30%	30514 cd
40%	40686 cd
50%	50857 cd
60%	61029 cd
70%	71200 cd
80%	81372 cd

### Conditions:

Number of c-planes: 4

Candela at center: 101715 cd

## ISO LUX DIAGRAM



3%	30,5 lx
5%	50,9 lx
10%	102 lx
30%	305 lx
50%	509 lx

### Conditions:

Number of c-planes: 4

Lux at center: 1017 lx

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



Total lumen output:

3565 lm

Peak candela output:

46109 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

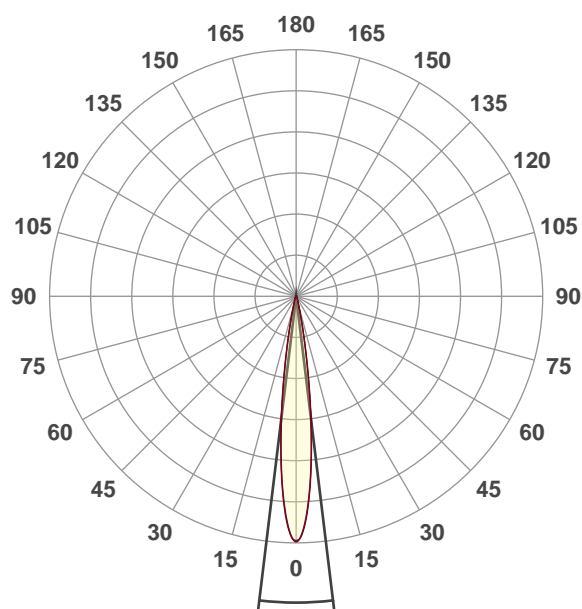
Red

Operator:

Paolo Carvone

Date and time:

29/04/2020 16:42:41

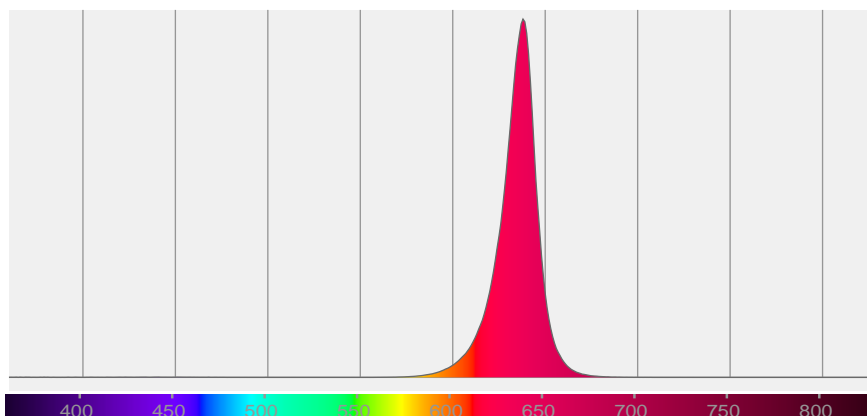


Beam angle 50%: 13,8°

Field angle 10%: 24,7°

Cut off angle 2.5%: 35,4°

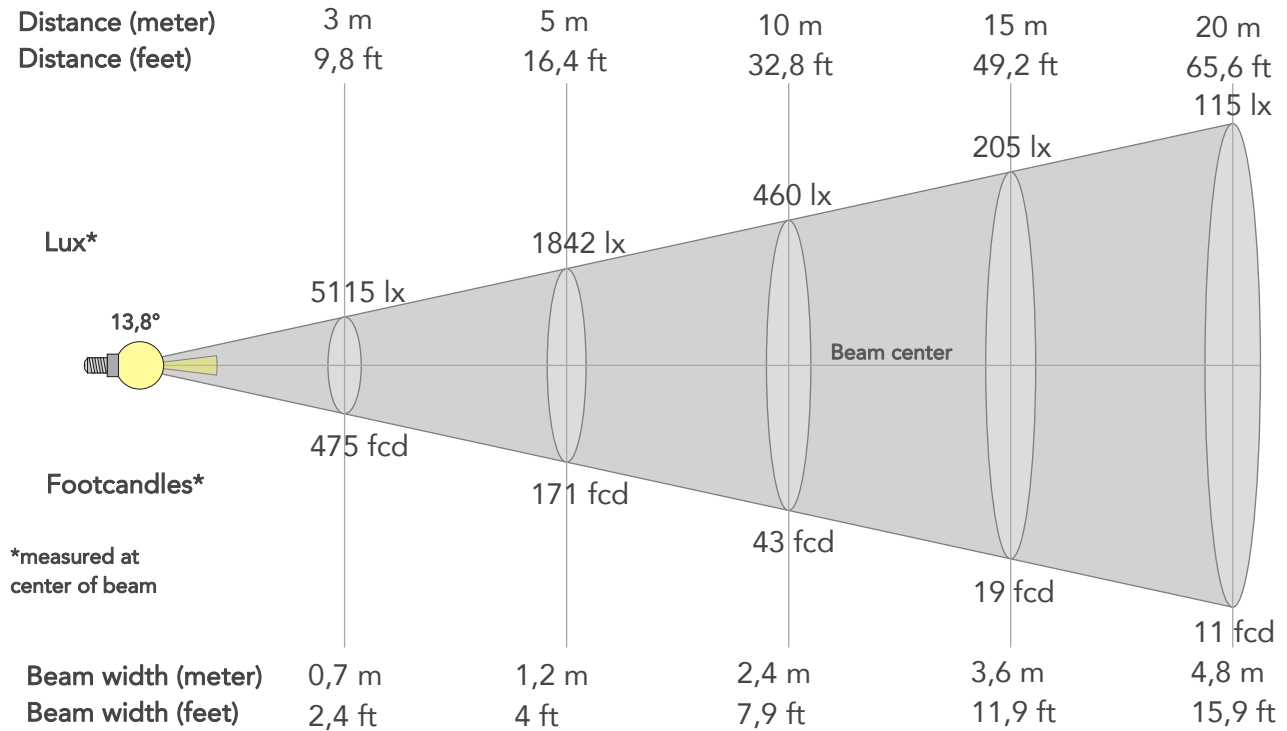
## Spectra



## BEAM DETAILS



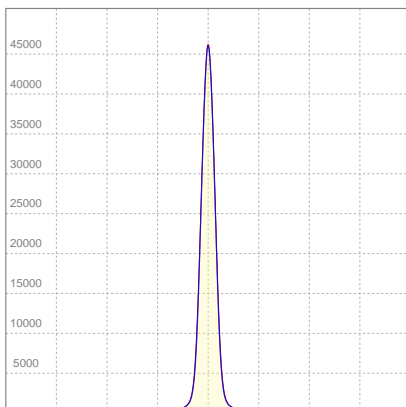
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,8°	24,7°	35,4°	99,3%	97,7%



### 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	46039lx	11510lx	5115lx	2877lx	1842lx	818lx	460lx	205lx	115lx	74lx	51lx	29lx	18lx
Footcand.	4277fcd	1069fcd	475fcd	267fcd	171fcd	76fcd	43fcd	19fcd	11fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,4m	3,6m	4,8m	6,1m	7,3m	9,7m	12,1m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6ft	7,9ft	11,9ft	15,9ft	19,9ft	23,8ft	31,8ft	39,7ft

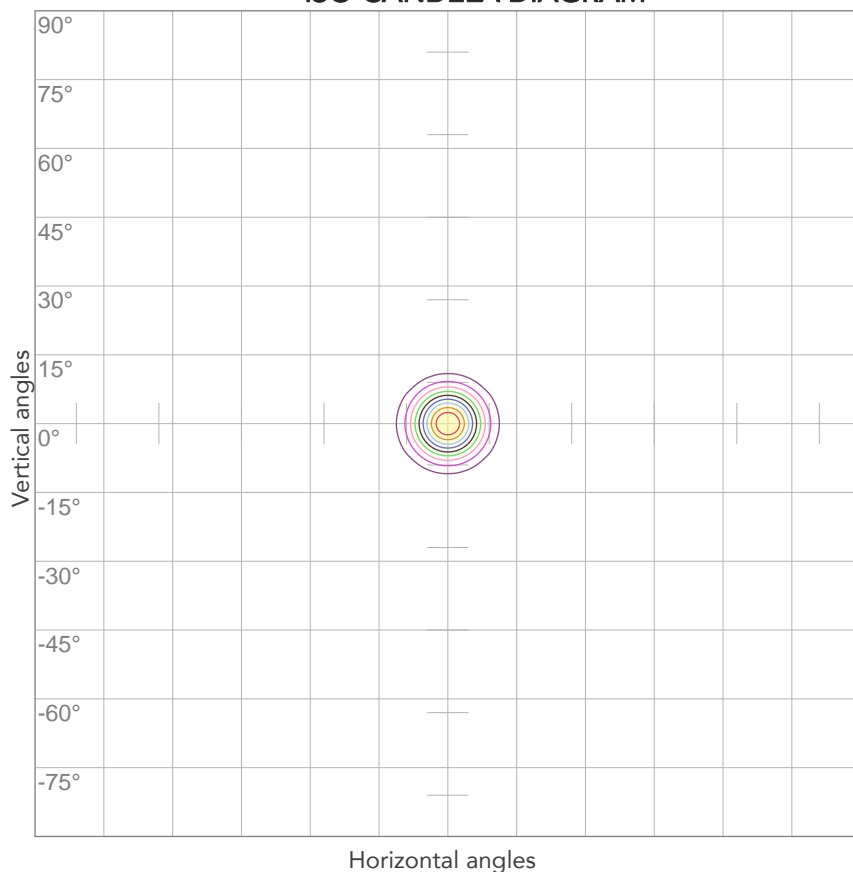
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,588A	98,3W	36lm/W
Power FC			
0,74			

## ISO CANDELA DIAGRAM



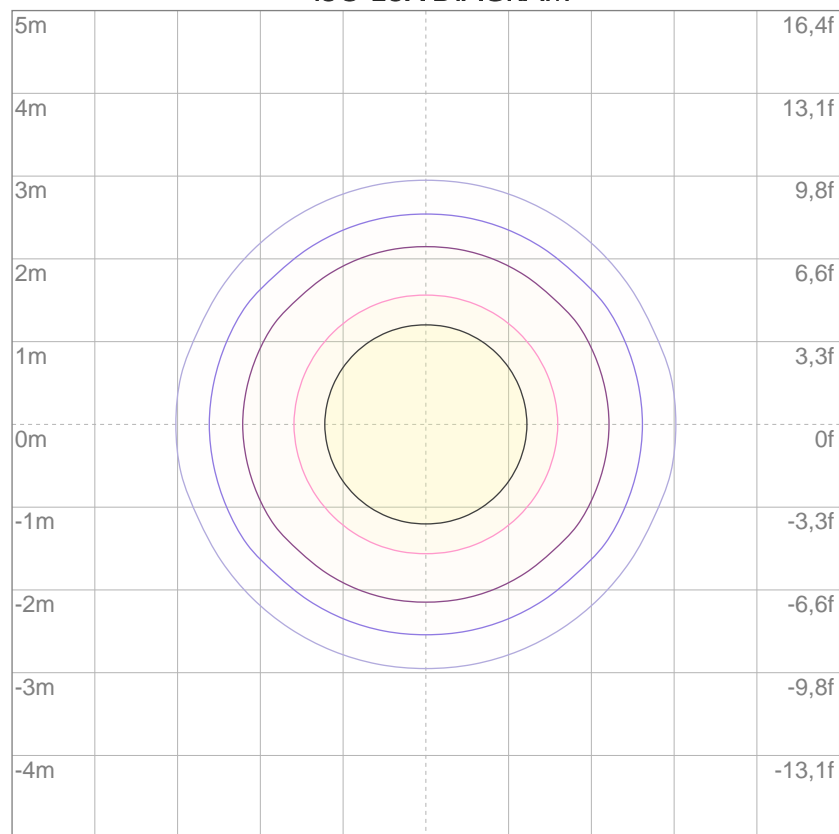
10%	4604 cd
20%	9208 cd
30%	13812 cd
40%	18415 cd
50%	23019 cd
60%	27623 cd
70%	32227 cd
80%	36831 cd

### Conditions:

Number of c-planes: 4

Candela at center: 46039 cd

## ISO LUX DIAGRAM



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

### Conditions:

Number of c-planes: 4

Lux at center: 460 lx

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



Total lumen output:

7130 lm

Peak candela output:

92227 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

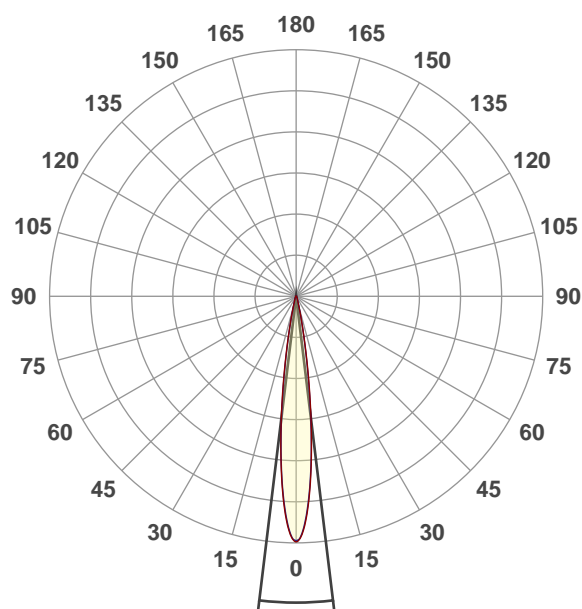
Red

Operator:

Paolo Carvone

Date and time:

29/04/2020 16:42:41

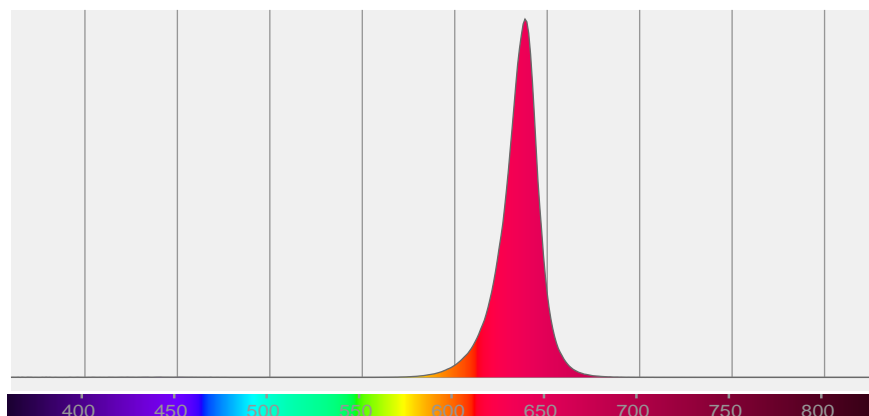


Beam angle 50%: 13,8°

Field angle 10%: 24,7°

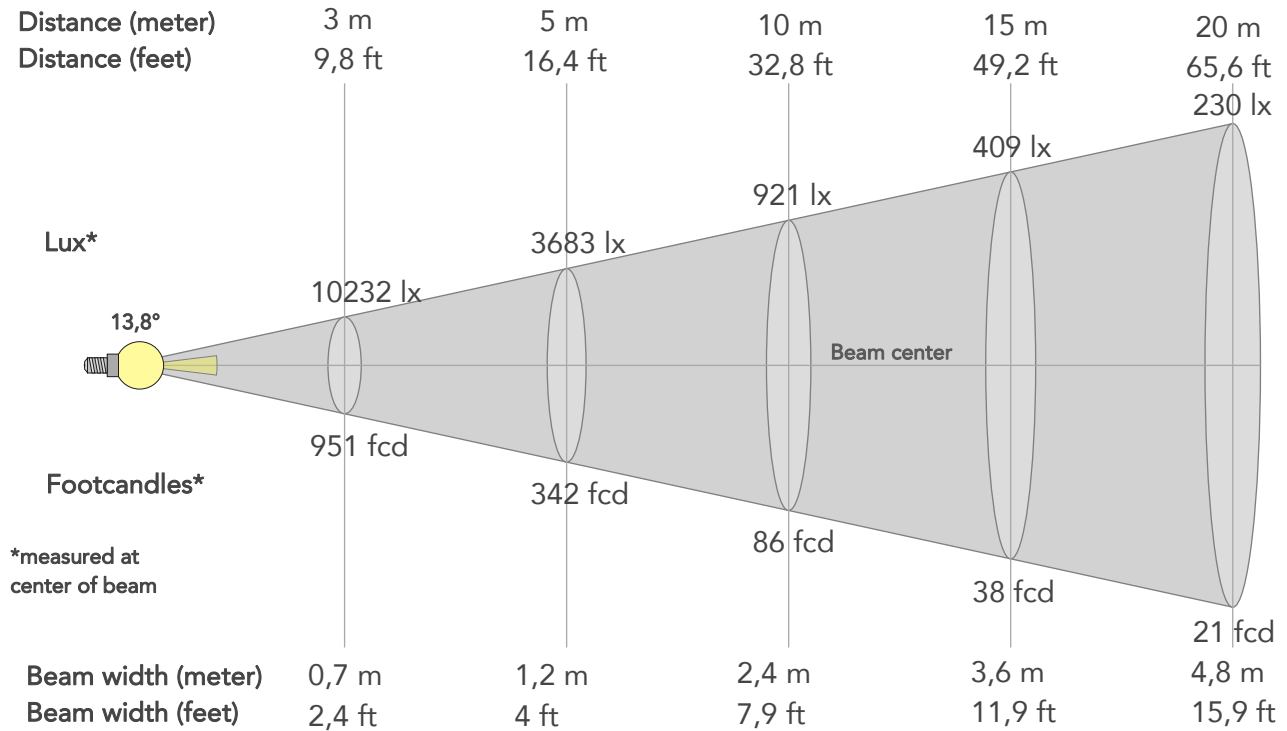
Cut off angle 2.5%: 35,4°

## Spectra



## BEAM DETAILS

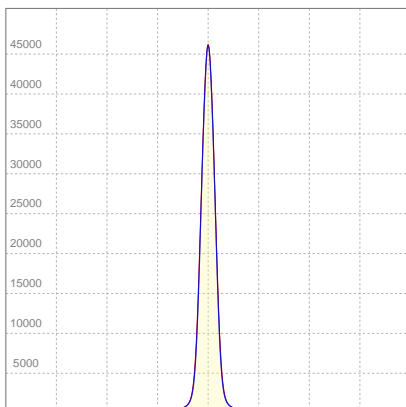
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,8°	24,7°	35,4°	99,3%	97,7%



### 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	92086lx	23022lx	10232lx	5755lx	3683lx	1637lx	921lx	409lx	230lx	147lx	102lx	58lx	37lx
Footcand.	8555fcd	2139fcd	951fcd	535fcd	342fcd	152fcd	86fcd	38fcd	21fcd	14fcd	10fcd	5fcd	3fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,4m	3,6m	4,8m	6,1m	7,3m	9,7m	12,1m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6ft	7,9ft	11,9ft	15,9ft	19,9ft	23,8ft	31,8ft	39,7ft

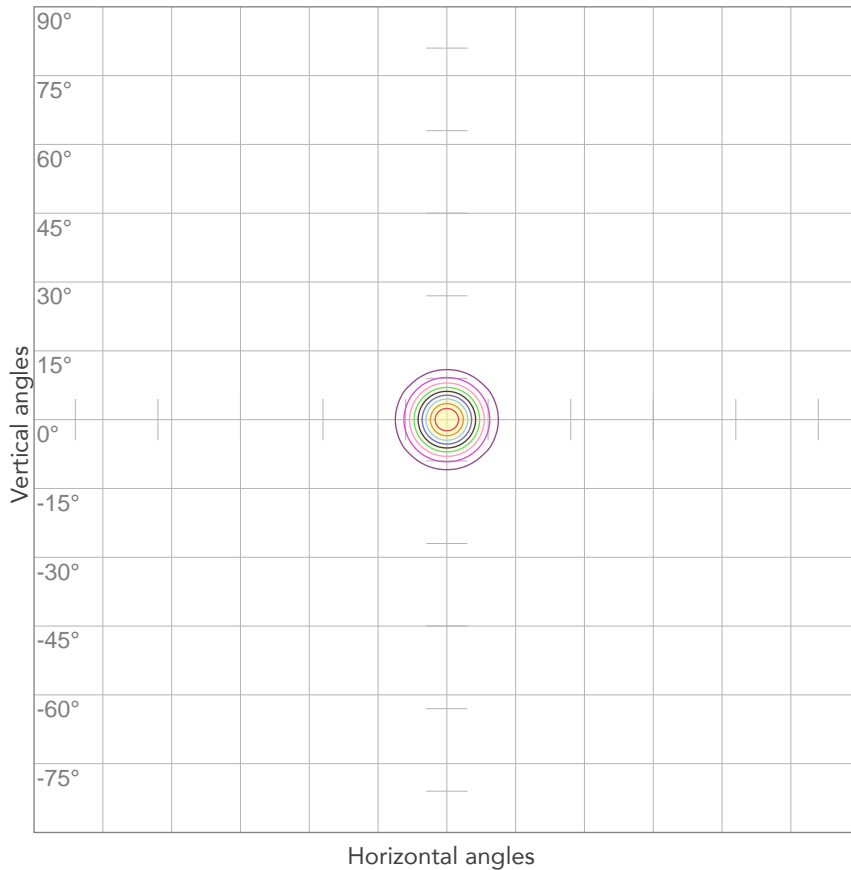
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,124A	182,4W	29,1lm/W
Power FC			
0,74			

## ISO CANDELA DIAGRAM



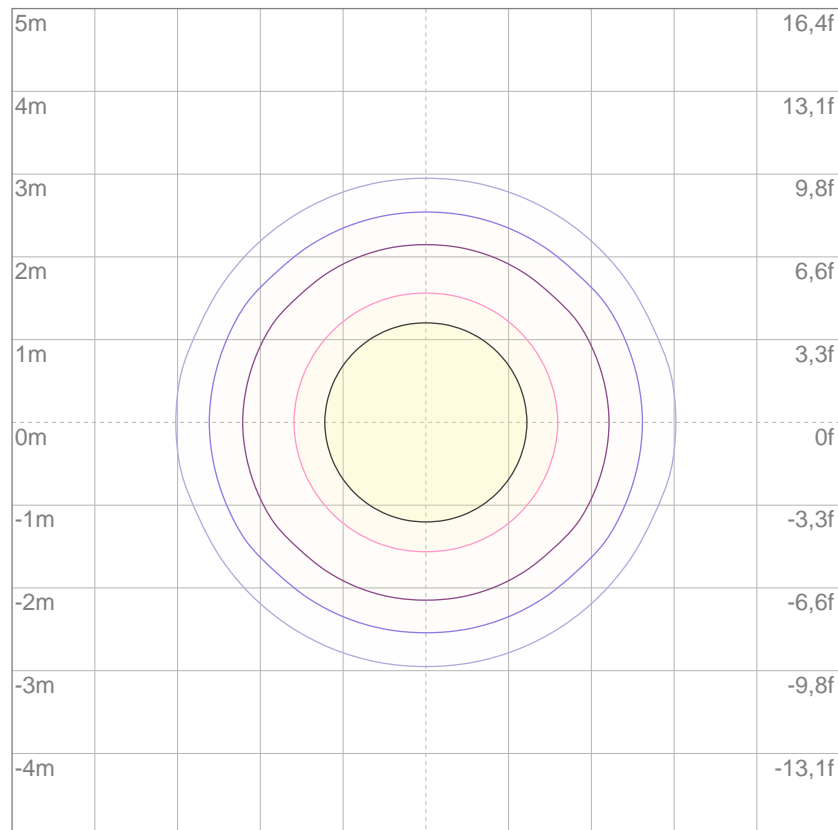
10%	9209 cd
20%	18417 cd
30%	27626 cd
40%	36835 cd
50%	46043 cd
60%	55252 cd
70%	64461 cd
80%	73669 cd

### Conditions:

Number of c-planes: 4

Candela at center: 92086 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:

3033 lm

Peak candela output:

17655 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

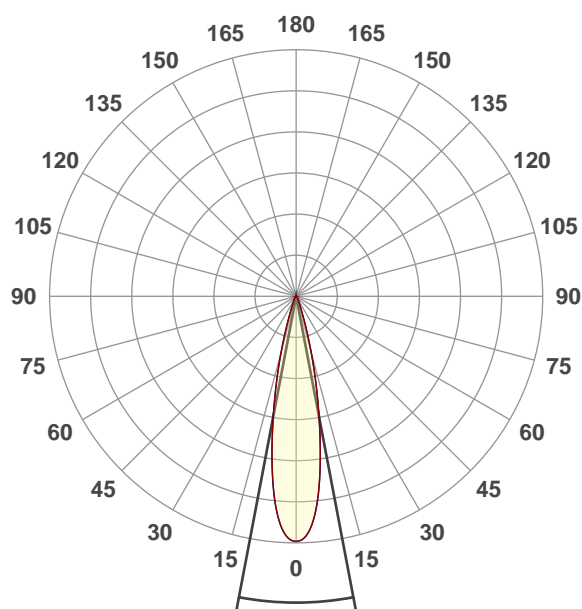
Red

Operator:

Paolo Carvone

Date and time:

29/04/2020 14:53:48

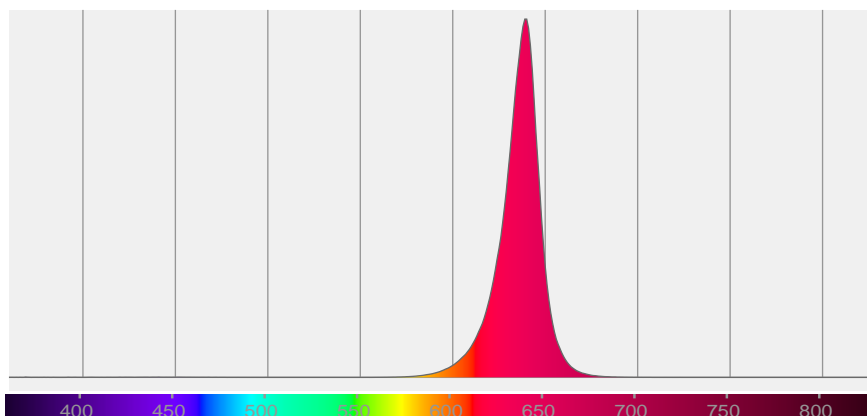


Beam angle 50%: 21,5°

Field angle 10%: 36,9°

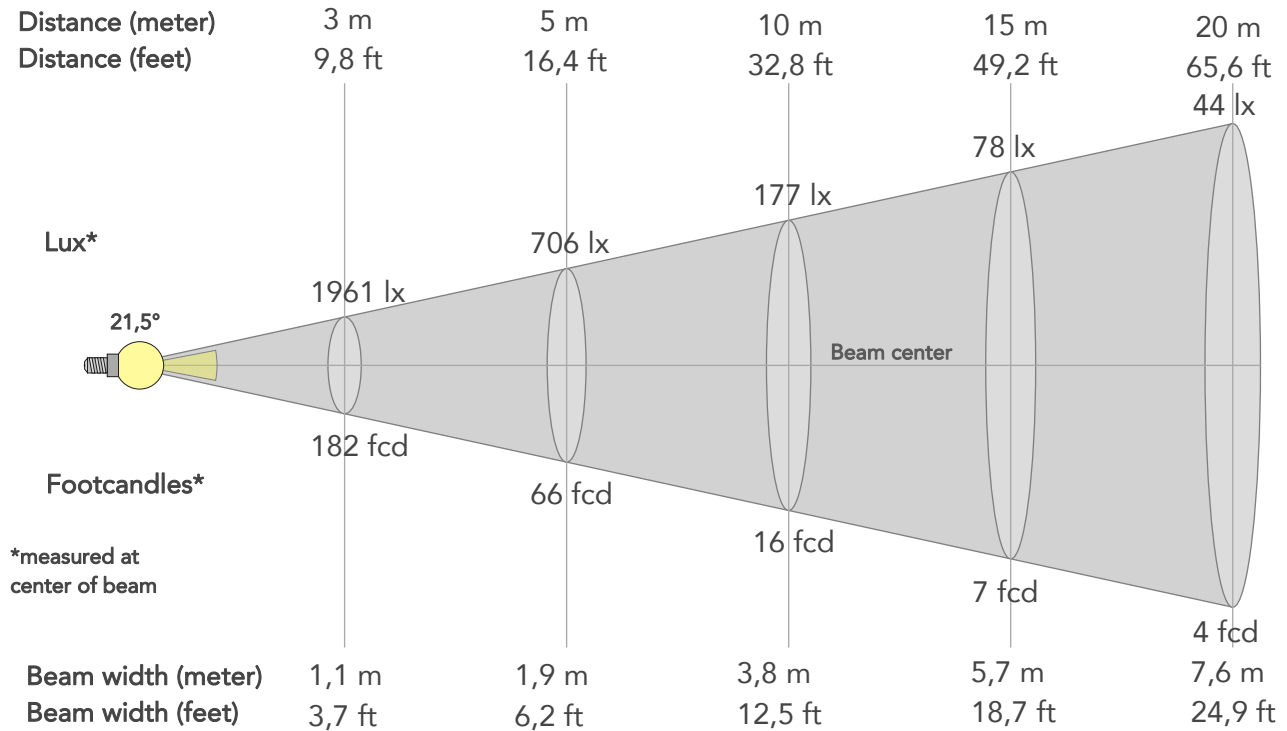
Cut off angle 2.5%: 52,3°

## Spectra



## BEAM DETAILS

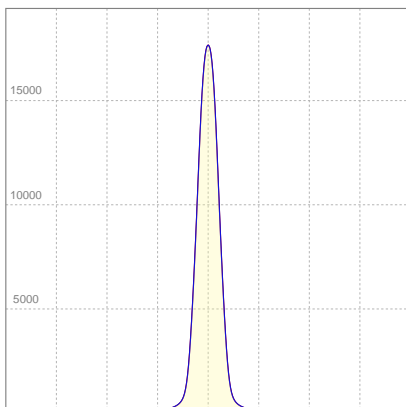
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,5°	36,9°	52,3°	98,7%	96,2%



### 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	17652lx	4413lx	1961lx	1103lx	706lx	314lx	177lx	78lx	44lx	28lx	20lx	11lx	7lx
Footcand.	1640fcd	410fcd	182fcd	102fcd	66fcd	29fcd	16fcd	7fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,4m	0,8m	1,1m	1,5m	1,9m	2,9m	3,8m	5,7m	7,6m	9,5m	11,4m	15,2m	19m
Beam wid.	1,3ft	2,5ft	3,7ft	5ft	6,2ft	9,4ft	12,5ft	18,7ft	24,9ft	31,2ft	37,4ft	49,9ft	62,4ft

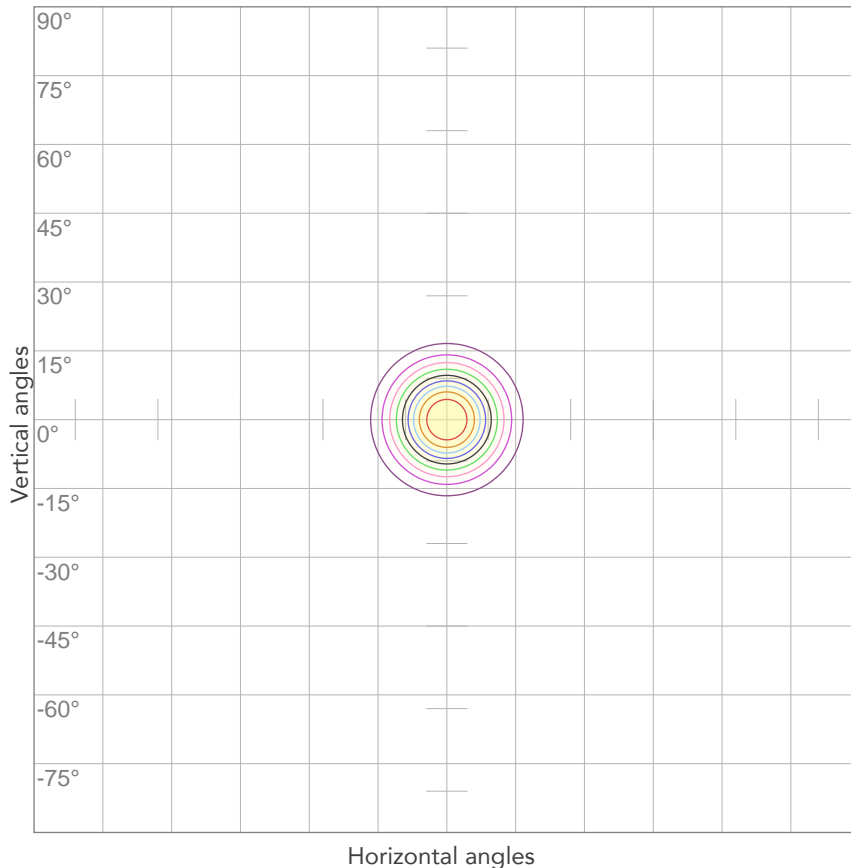
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,563A	92,6W	33lm/W
Power FC			
0,73			

## ISO CANDELA DIAGRAM



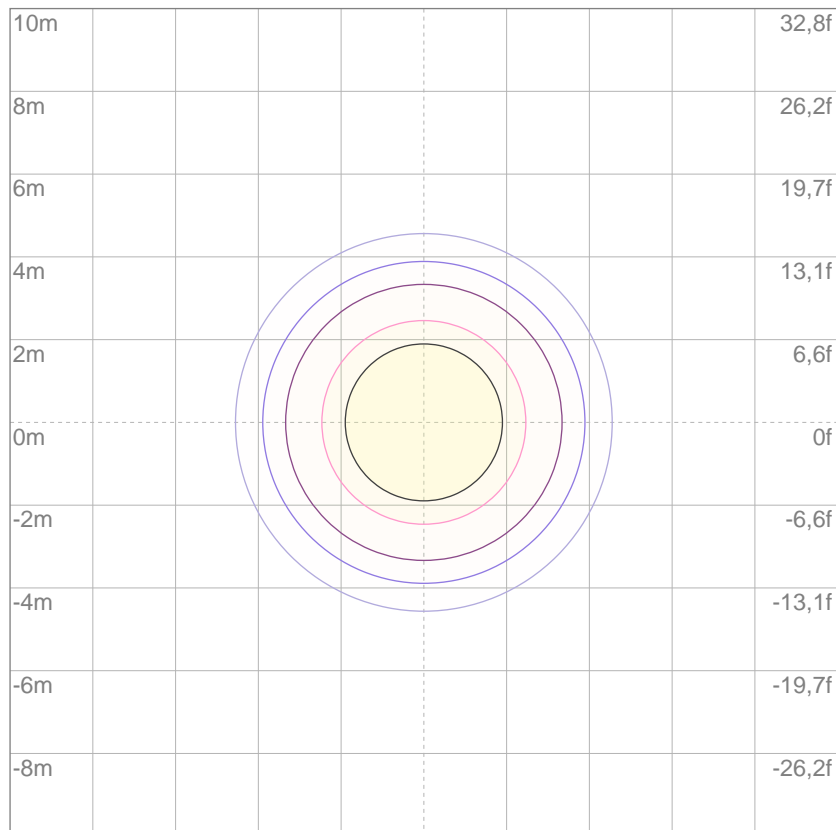
10%	1765 cd
20%	3530 cd
30%	5296 cd
40%	7061 cd
50%	8826 cd
60%	10591 cd
70%	12357 cd
80%	14122 cd

### Conditions:

Number of c-planes: 4

Candela at center: 17652 cd

## ISO LUX DIAGRAM



3%	5,30 lx
5%	8,83 lx
10%	17,7 lx
30%	53,0 lx
50%	88,3 lx

### Conditions:

Number of c-planes: 4

Lux at center: 177 lx

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



Total lumen output:

6066 lm

Peak candela output:

35316 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

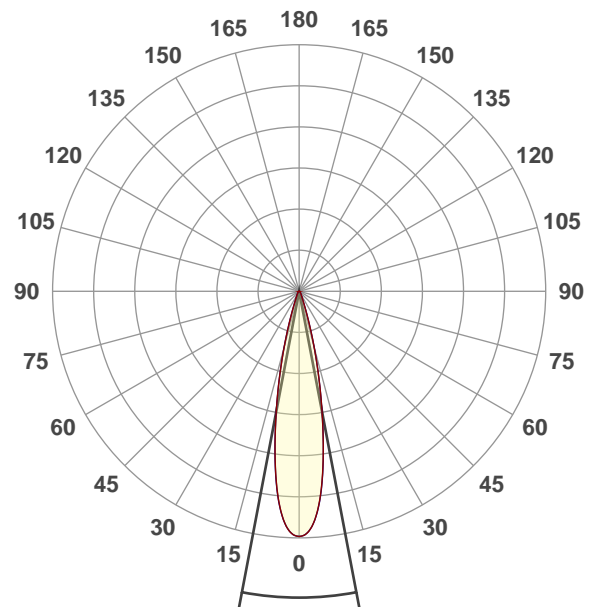
Red

Operator:

Paolo Carvone

Date and time:

29/04/2020 14:53:48

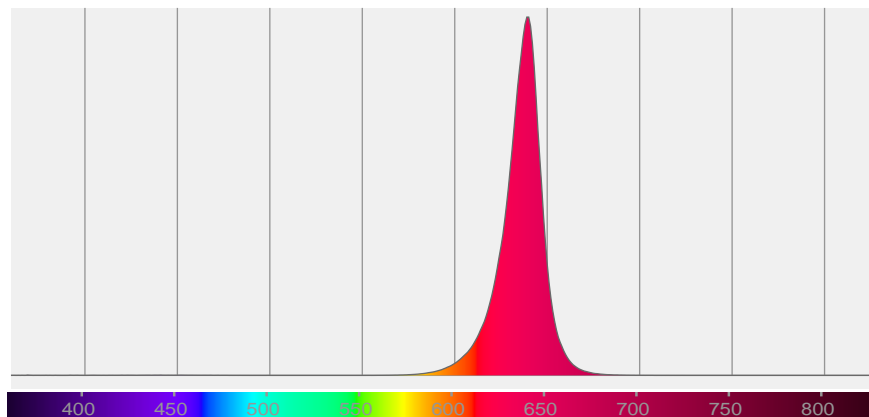


Beam angle 50%: 21,5°

Field angle 10%: 36,9°

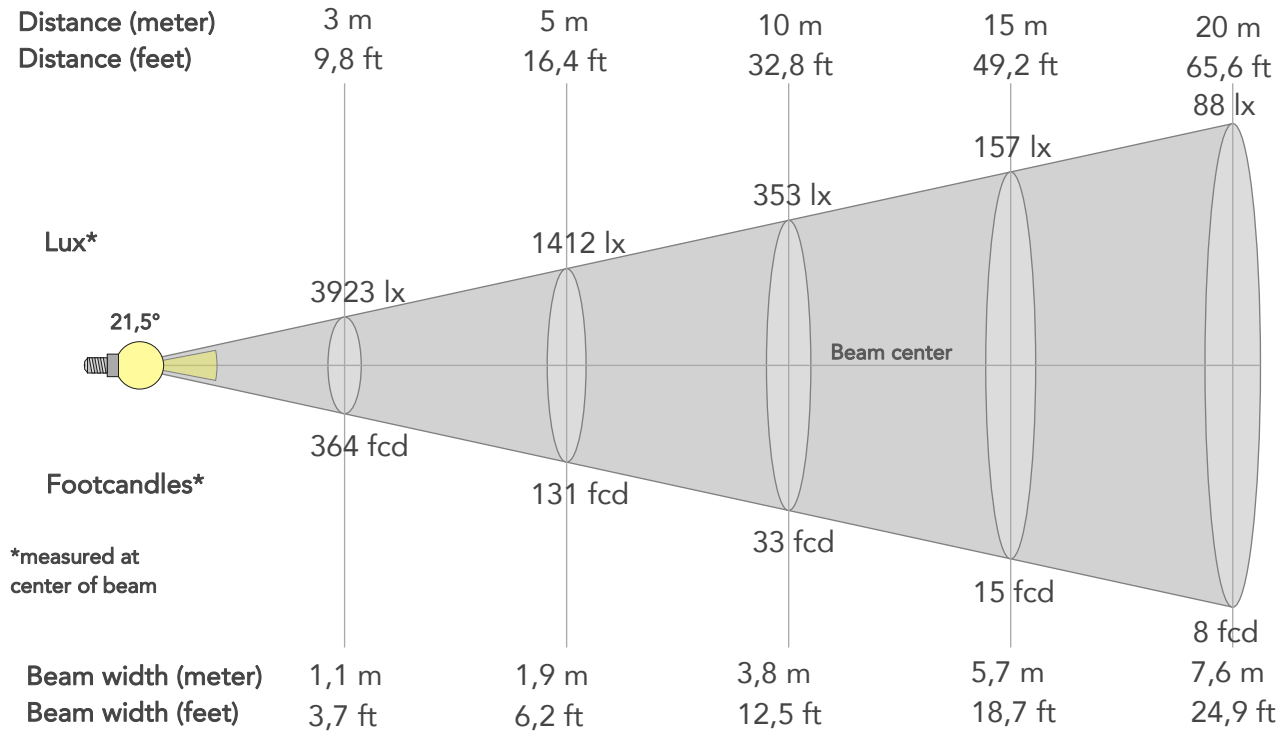
Cut off angle 2.5%: 52,3°

## Spectra



## BEAM DETAILS

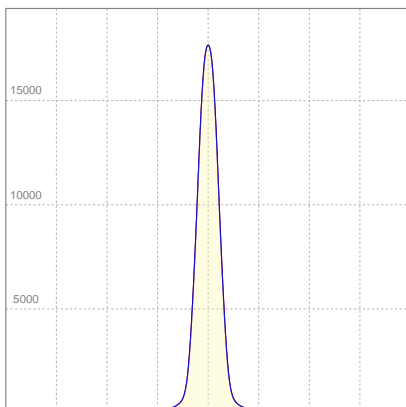
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,5°	36,9°	52,3°	98,7%	96,2%



### 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	35310lx	8827lx	3923lx	2207lx	1412lx	628lx	353lx	157lx	88lx	56lx	39lx	22lx	14lx
Footcand.	3280fcd	820fcd	364fcd	205fcd	131fcd	58fcd	33fcd	15fcd	8fcd	5fcd	4fcd	2fcd	1fcd
Beam wid.	0,4m	0,8m	1,1m	1,5m	1,9m	2,9m	3,8m	5,7m	7,6m	9,5m	11,4m	15,2m	19m
Beam wid.	1,3ft	2,5ft	3,7ft	5ft	6,2ft	9,4ft	12,5ft	18,7ft	24,9ft	31,2ft	37,4ft	49,9ft	62,4ft

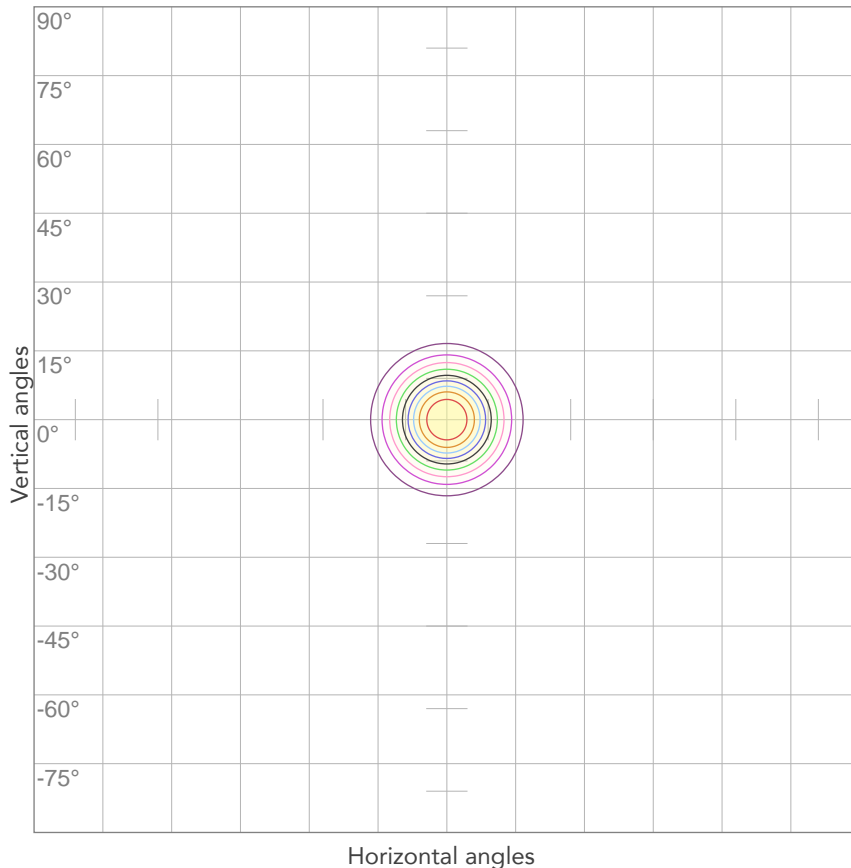
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,124A	185,4W	33lm/W
Power FC			
0,73			

## ISO CANDELA DIAGRAM



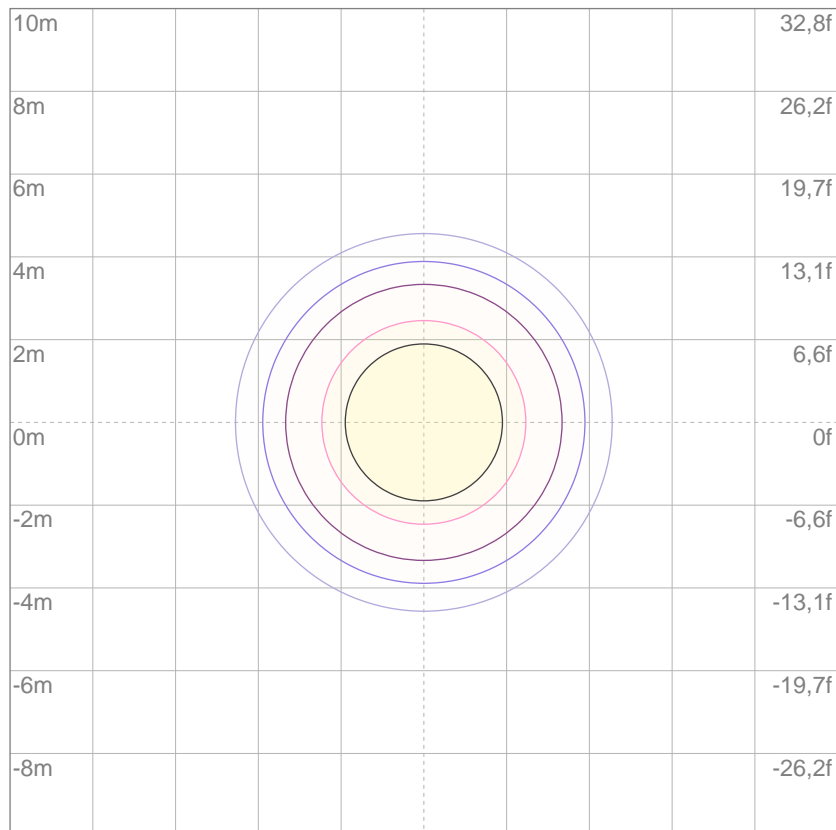
10%	3531 cd
20%	7062 cd
30%	10593 cd
40%	14124 cd
50%	17655 cd
60%	21186 cd
70%	24717 cd
80%	28248 cd

### Conditions:

Number of c-planes: 4

Candela at center: 35310 cd

## ISO LUX DIAGRAM



3%	10,6 lx
5%	17,7 lx
10%	35,3 lx
30%	106 lx
50%	177 lx

### Conditions:

Number of c-planes: 4

Lux at center: 353 lx

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



Total lumen output:

2547 lm

Peak candela output:

3638 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

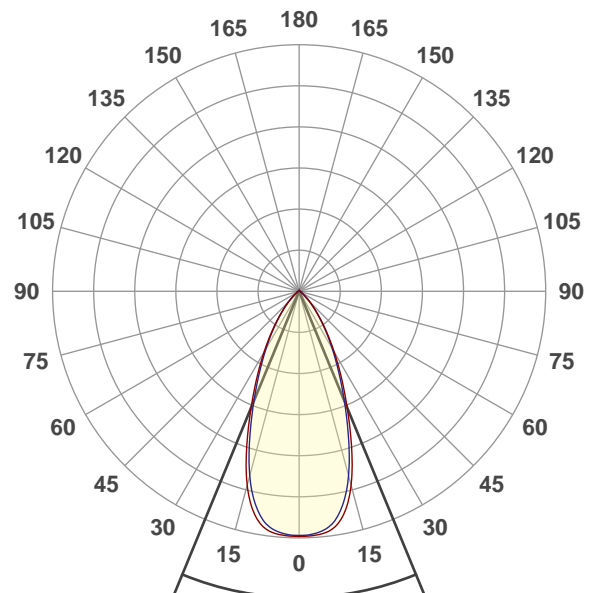
Red

Operator:

Paolo Carvone

Date and time:

29/04/2020 13:17:36

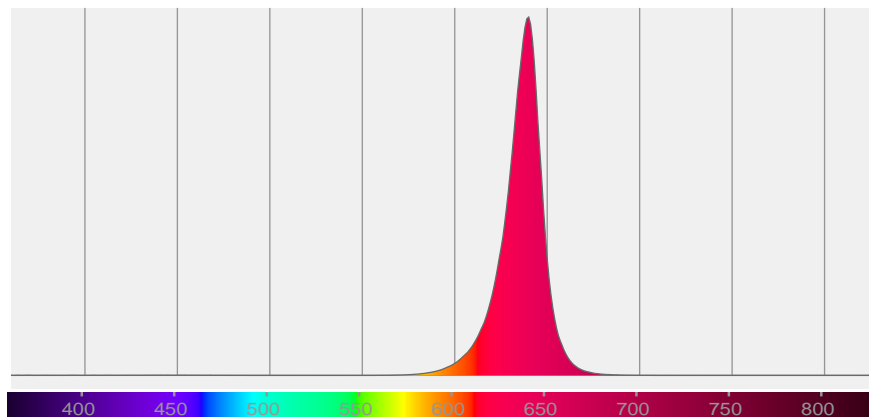


Beam angle 50%: 44,8°

Field angle 10%: 81,5°

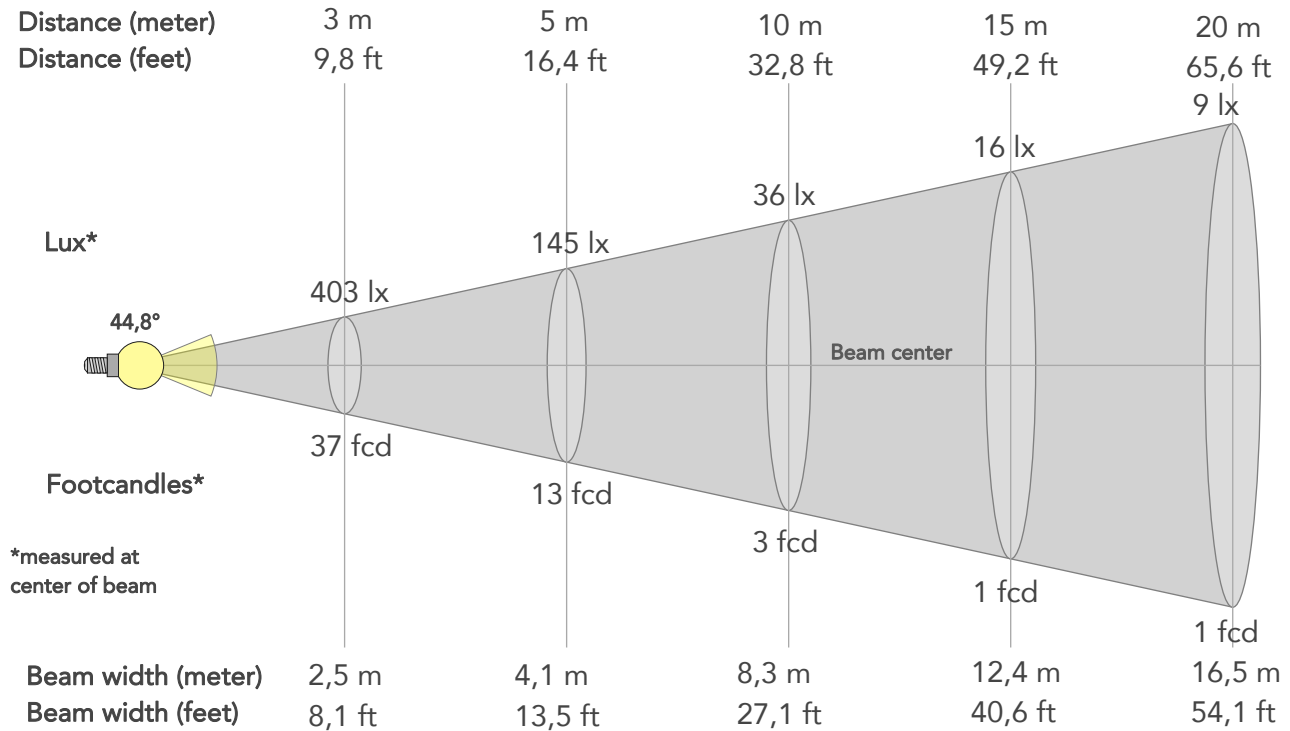
Cut off angle 2.5%: 105,2°

## Spectra



## BEAM DETAILS

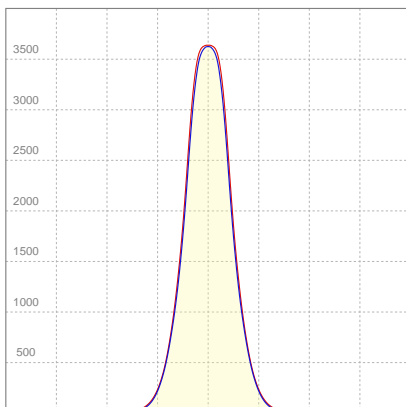
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44,8°	81,5°	105,2°	97,3%	92,0%



### 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	3631lx	908lx	403lx	227lx	145lx	65lx	36lx	16lx	9lx	6lx	4lx	2lx	1lx
Footcand.	337fcd	84fcd	37fcd	21fcd	13fcd	6fcd	3fcd	1fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,3m	4,1m	6,2m	8,3m	12,4m	16,5m	20,6m	24,8m	33m	41,3m
Beam wid.	2,7ft	5,4ft	8,1ft	10,8ft	13,5ft	20,3ft	27,1ft	40,6ft	54,1ft	67,7ft	81,2ft	108,3ft	135,3ft

### LINEAR DISTRIBUTION DIAGRAM



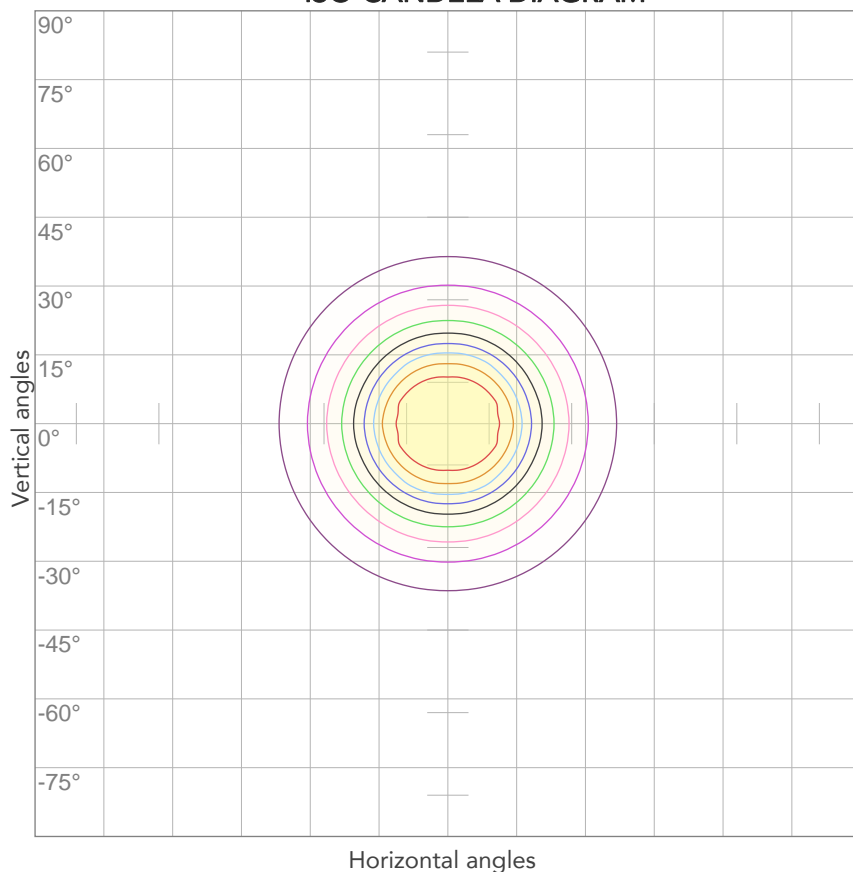
### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
229V	0,561A	92,4W	28lm/W

Power FC
0,72



## ISO CANDELA DIAGRAM



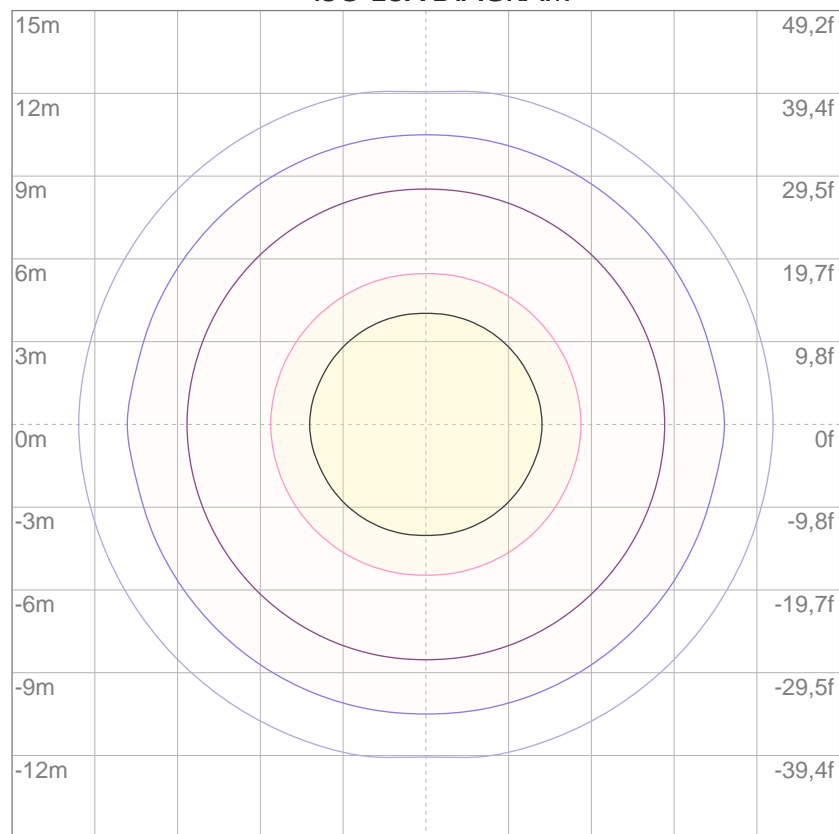
10%	363 cd
20%	726 cd
30%	1089 cd
40%	1452 cd
50%	1815 cd
60%	2178 cd
70%	2541 cd
80%	2904 cd

### Conditions:

Number of c-planes: 4

Candela at center: 3631 cd

## ISO LUX DIAGRAM



3%	1,09 lx
5%	1,82 lx
10%	3,63 lx
30%	10,9 lx
50%	18,2 lx

### Conditions:

Number of c-planes: 4

Lux at center: 36,3 lx

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



Total lumen output:

5094 lm

Peak candela output:

7277 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

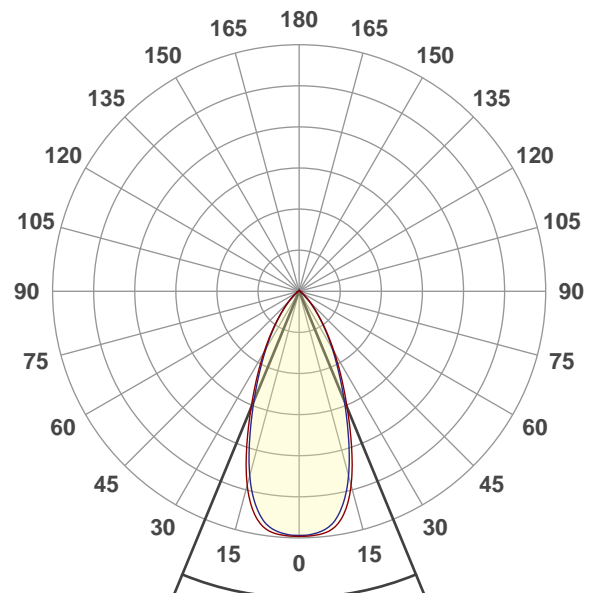
Red

Operator:

Paolo Carvone

Date and time:

29/04/2020 13:17:36

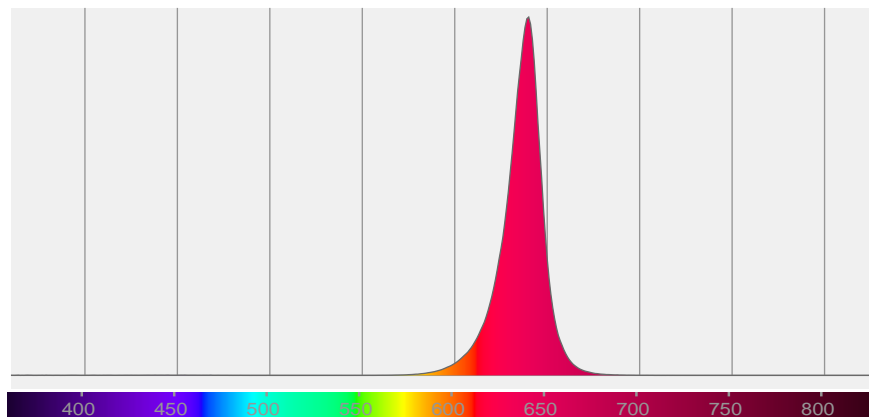


Beam angle 50%: 44,8°

Field angle 10%: 81,5°

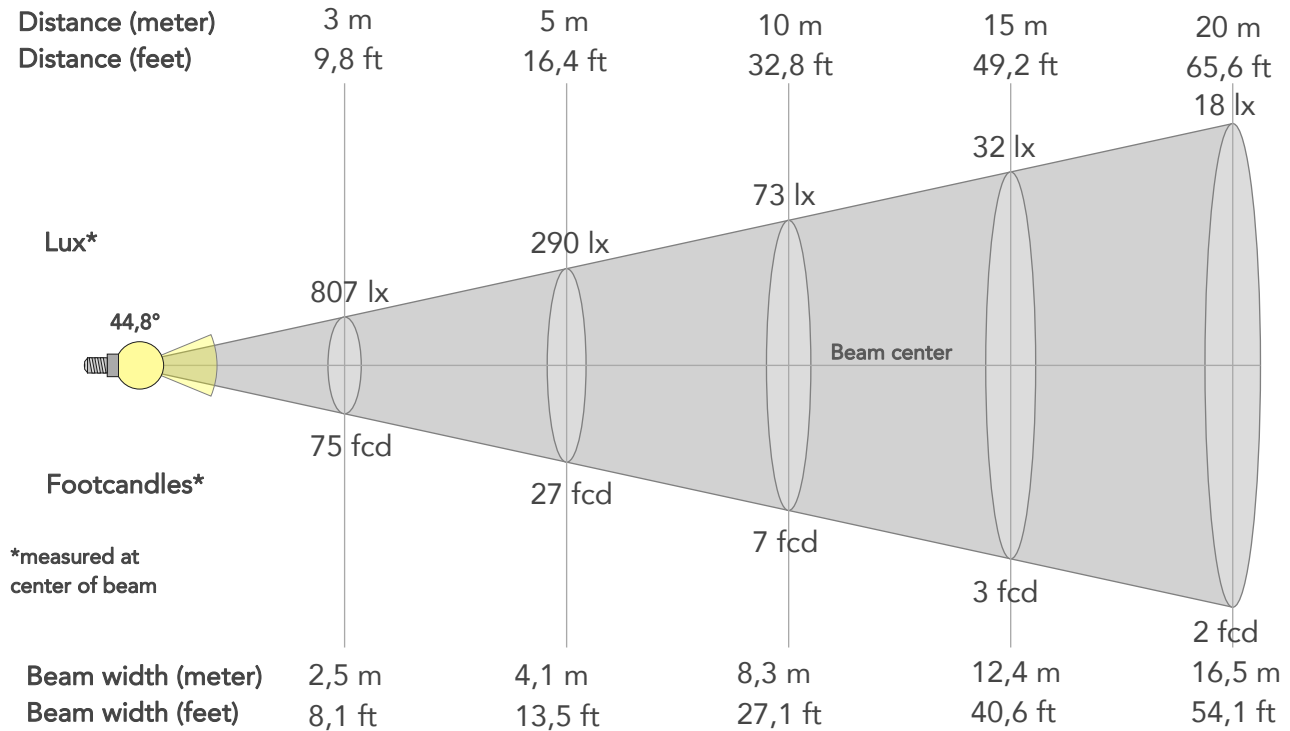
Cut off angle 2.5%: 105,2°

## Spectra



## BEAM DETAILS

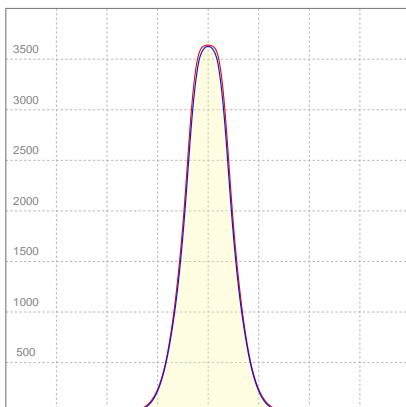
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
<b>44,8°</b>	<b>81,5°</b>	<b>105,2°</b>	<b>97,3%</b>	<b>92,0%</b>



### 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	7261lx	1815lx	807lx	454lx	290lx	129lx	73lx	32lx	18lx	12lx	8lx	5lx	3lx
Footcand.	675fcd	169fcd	75fcd	42fcd	27fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,3m	4,1m	6,2m	8,3m	12,4m	16,5m	20,6m	24,8m	33m	41,3m
Beam wid.	2,7ft	5,4ft	8,1ft	10,8ft	13,5ft	20,3ft	27,1ft	40,6ft	54,1ft	67,7ft	81,2ft	108,3ft	135,3ft

### LINEAR DISTRIBUTION DIAGRAM

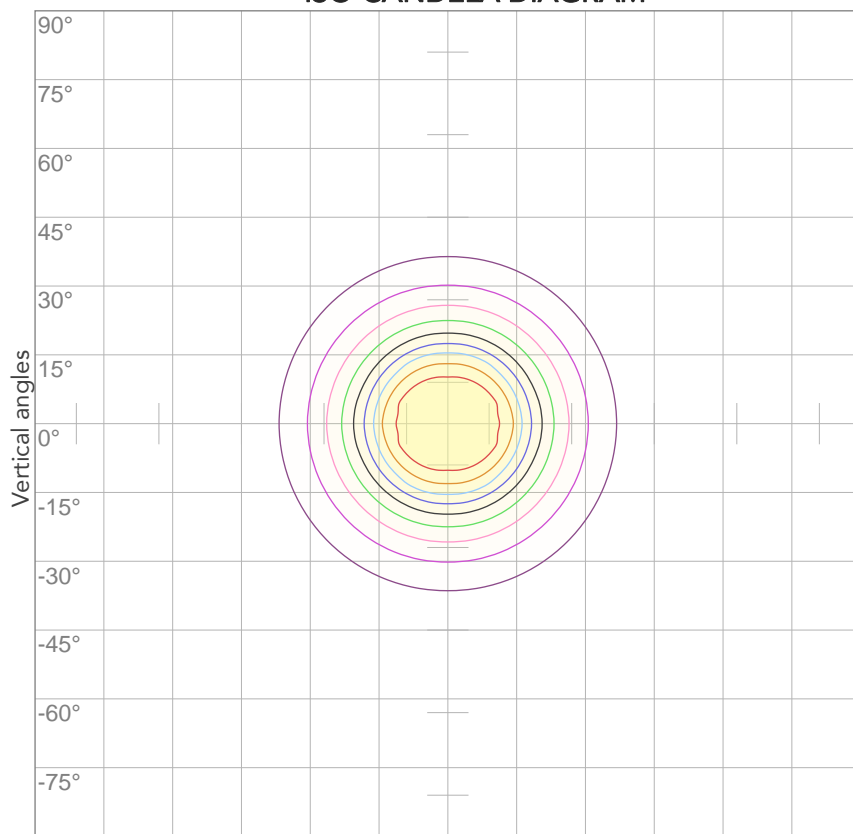


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
<b>229V</b>	<b>1,124A</b>	<b>185,4W</b>	<b>27,5lm/W</b>

Power FC
<b>0,72</b>

## ISO CANDELA DIAGRAM



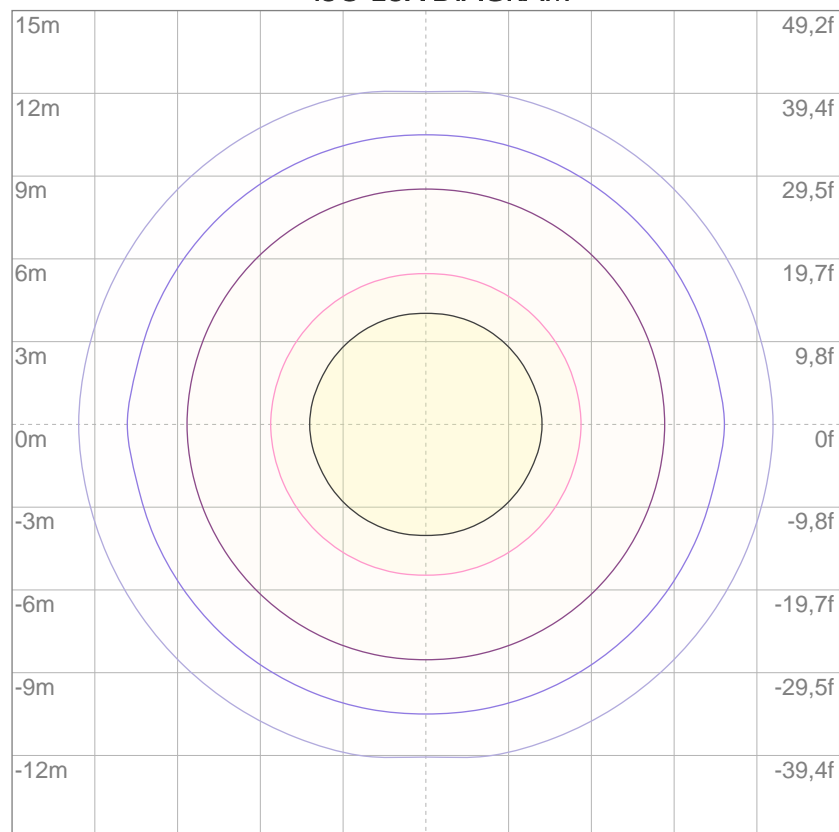
10%	726 cd
20%	1452 cd
30%	2178 cd
40%	2905 cd
50%	3631 cd
60%	4357 cd
70%	5083 cd
80%	5809 cd

### Conditions:

Number of c-planes: 4

Candela at center: 7261 cd

## ISO LUX DIAGRAM



3%	2,18 lx
5%	3,63 lx
10%	7,26 lx
30%	21,8 lx
50%	36,3 lx

### Conditions:

Number of c-planes: 4

Lux at center: 72,6 lx

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



Total lumen output:

7016 lm

Peak candela output:

133066 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASURAMENT CONDITIONS:

Beam angle:

10°

Target:

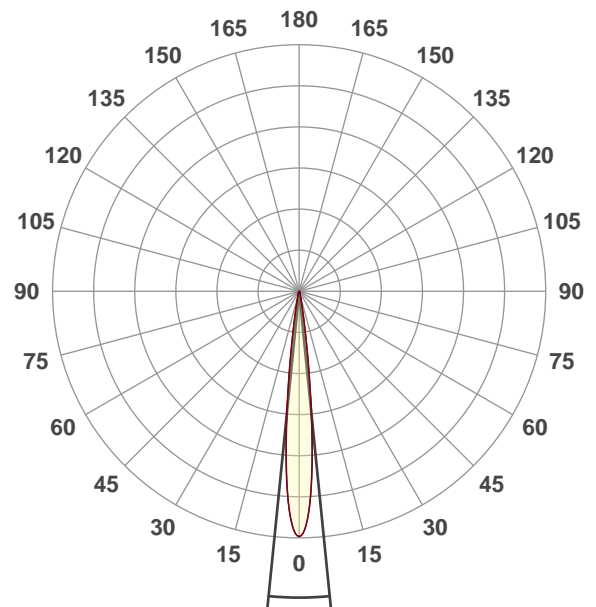
Green

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:42:32

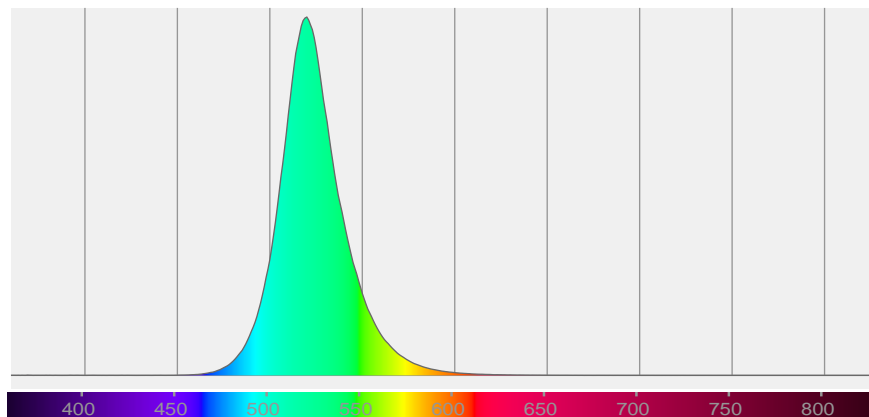


Beam angle 50%: 11,5°

Field angle 10%: 19,6°

Cut off angle 2.5%: 27°

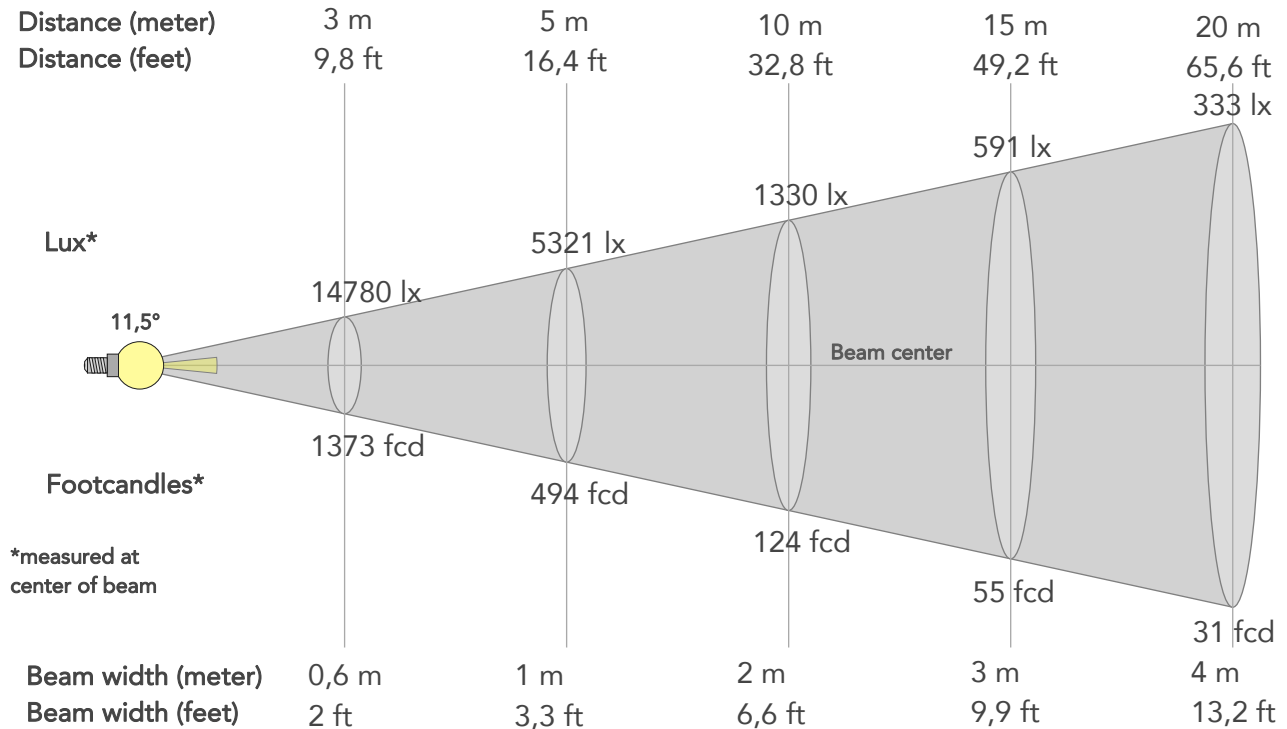
## Spectra



## BEAM DETAILS



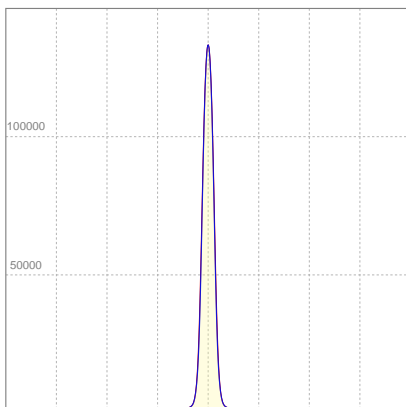
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,5°	19,6°	27°	99,3%	97,4%



### 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	133018lx	33255lx	14780lx	8314lx	5321lx	2365lx	1330lx	591lx	333lx	213lx	148lx	83lx	53lx
Footcand.	12358fcd	3089fcd	1373fcd	772fcd	494fcd	220fcd	124fcd	55fcd	31fcd	20fcd	14fcd	8fcd	5fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	3m	4m	5m	6m	8m	10m
Beam wid.	0,7ft	1,3ft	2ft	2,6ft	3,3ft	4,9ft	6,6ft	9,9ft	13,2ft	16,4ft	19,7ft	26,3ft	32,9ft

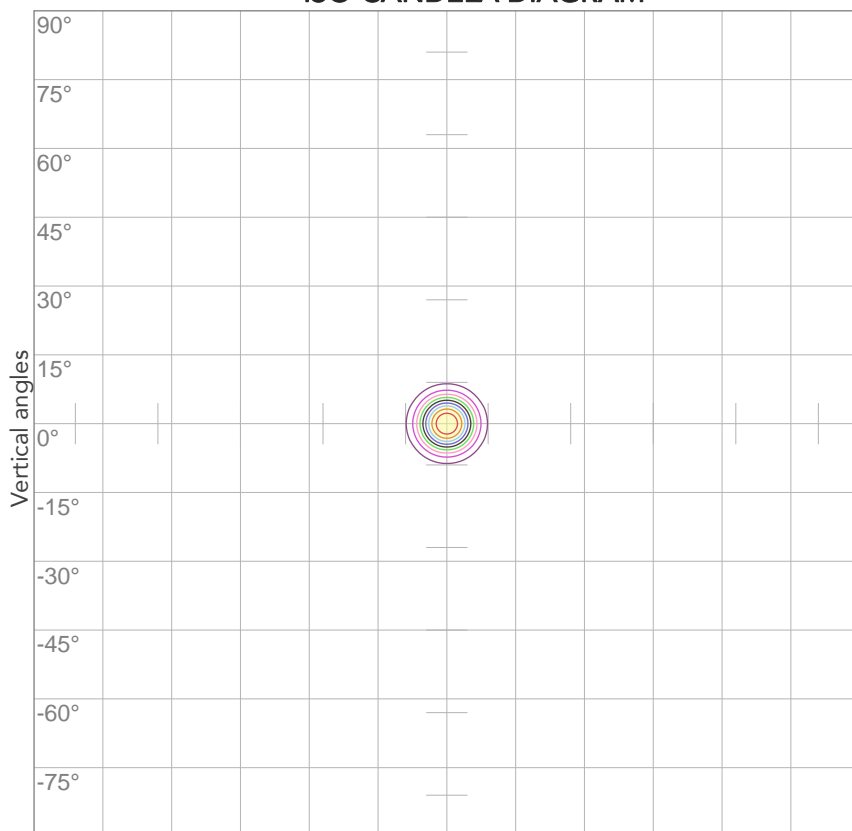
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,684A	121,2W	58lm/W
Power FC			
0,79			

## ISO CANDELA DIAGRAM



Horizontal angles

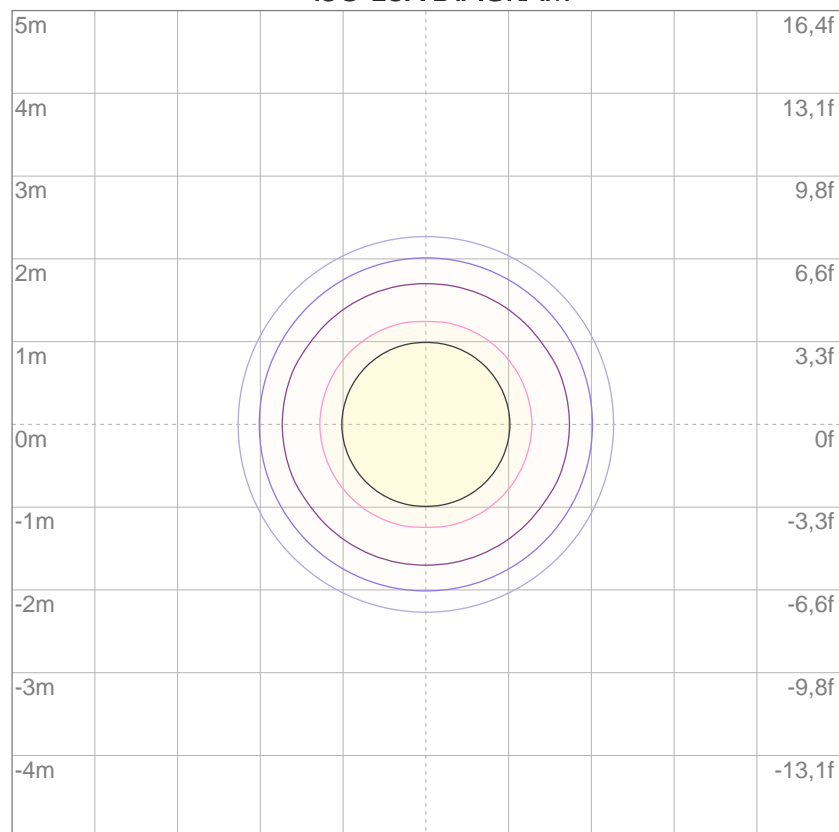
10%	13302 cd
20%	26604 cd
30%	39905 cd
40%	53207 cd
50%	66509 cd
60%	79811 cd
70%	93113 cd
80%	106415 cd

### Conditions:

Number of c-planes: 4

Candela at center: 133018 cd

## ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	39,9 lx
5%	66,5 lx
10%	133 lx
30%	399 lx
50%	665 lx

### Conditions:

Number of c-planes: 4

Lux at center: 1330 lx

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



Total lumen output:

14032 lm

Peak candela output:

266119 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASURAMENT CONDITIONS:

Beam angle:

10°

Target:

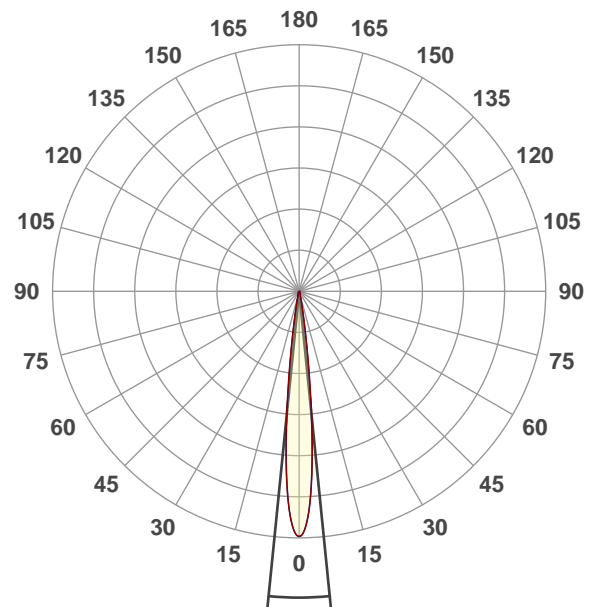
Green

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:42:32

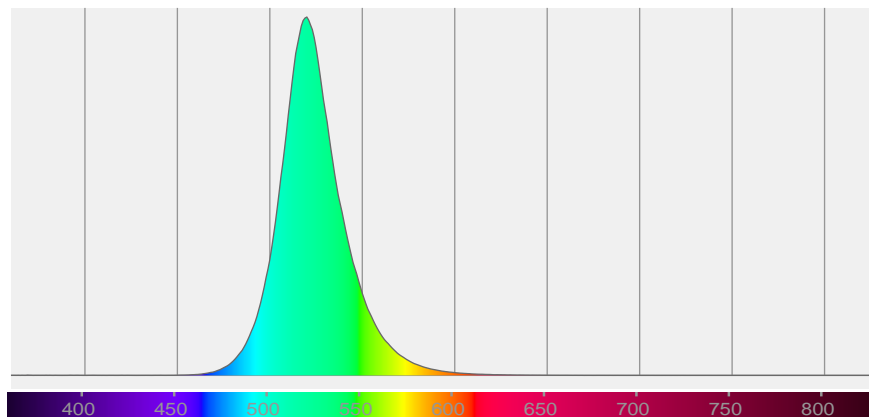


Beam angle 50%: 11,5°

Field angle 10%: 19,6°

Cut off angle 2.5%: 27°

## Spectra

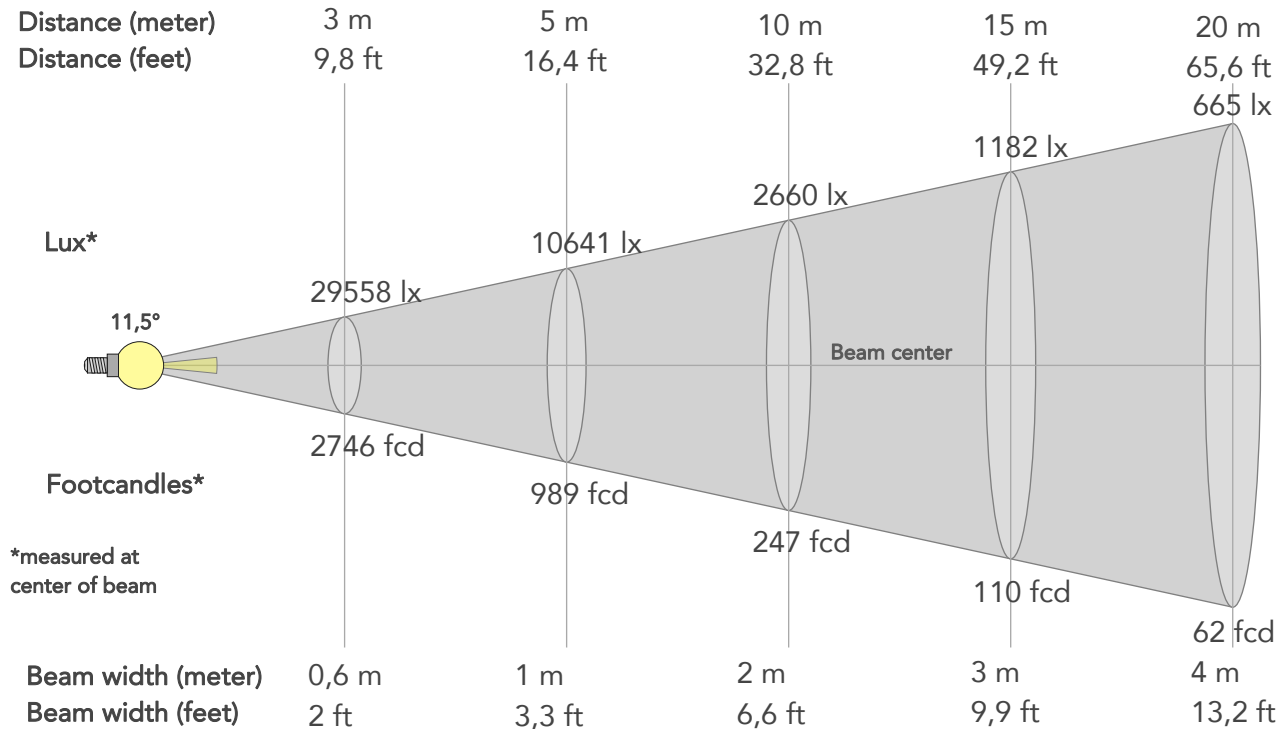




## BEAM DETAILS



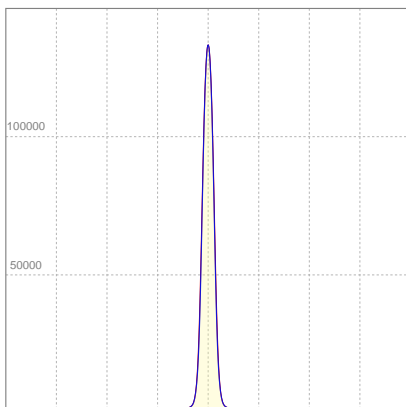
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,5°	19,6°	27°	99,3%	97,4%



### 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	266023lx	66506lx	29558lx	16626lx	10641lx	4729lx	2660lx	1182lx	665lx	426lx	296lx	166lx	106lx
Footcand.	24714fcd	6179fcd	2746fcd	1545fcd	989fcd	439fcd	247fcd	110fcd	62fcd	40fcd	27fcd	15fcd	10fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	3m	4m	5m	6m	8m	10m
Beam wid.	0,7ft	1,3ft	2ft	2,6ft	3,3ft	4,9ft	6,6ft	9,9ft	13,2ft	16,4ft	19,7ft	26,3ft	32,9ft

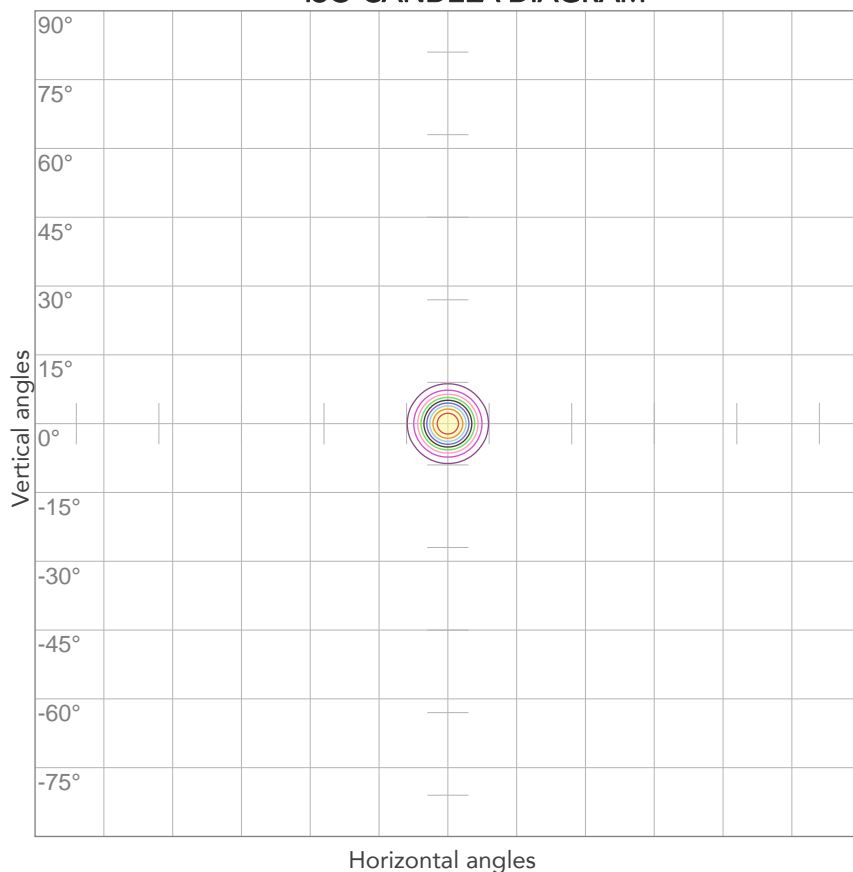
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,368A	242.4W	57,9lm/W
Power FC			
0,79			

## ISO CANDELA DIAGRAM



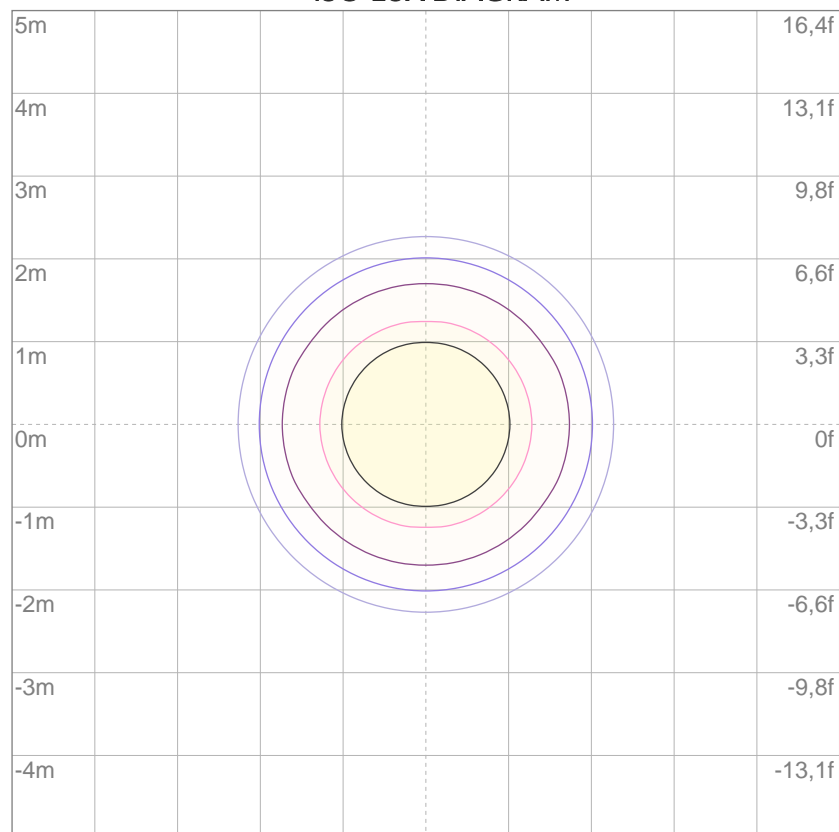
10%	26602 cd
20%	53205 cd
30%	79807 cd
40%	106409 cd
50%	133011 cd
60%	159614 cd
70%	186216 cd
80%	212818 cd

### Conditions:

Number of c-planes: 4

Candela at center: 266023 cd

## ISO LUX DIAGRAM



3%	79,8 lx
5%	133 lx
10%	266 lx
30%	798 lx
50%	1330 lx

### Conditions:

Number of c-planes: 4

Lux at center: 2660 lx

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



Total lumen output:

8617 lm

Peak candela output:

106870 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

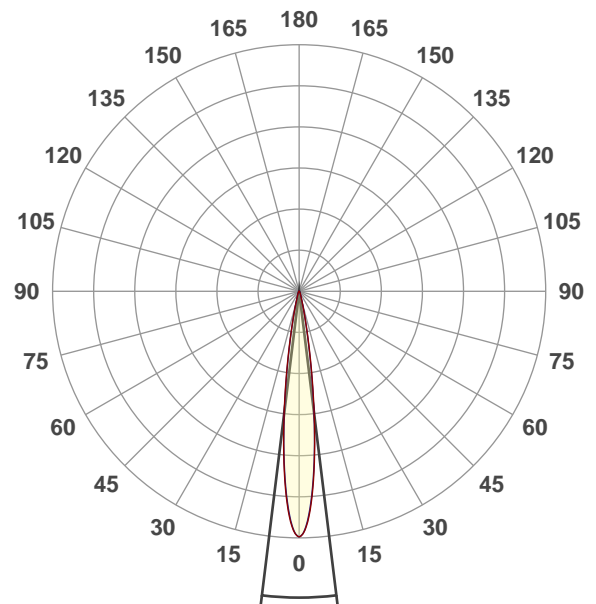
Green

Operator:

Paolo Carvone

Date and time:

29/04/2020 16:35:36

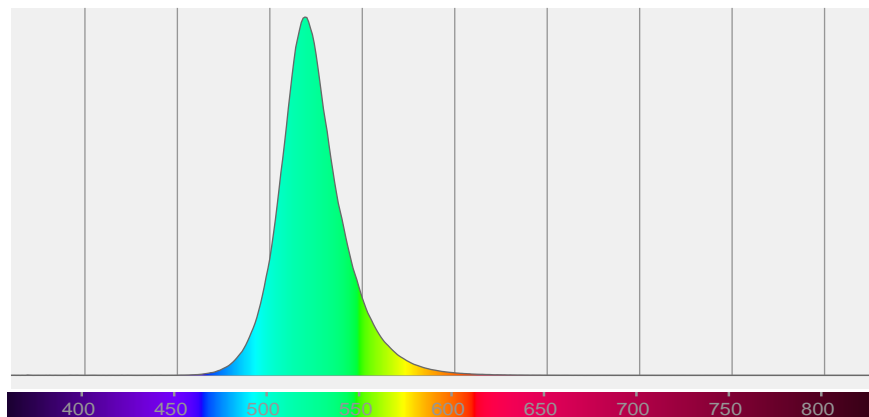


Beam angle 50%: 14°

Field angle 10%: 25,4°

Cut off angle 2.5%: 36,9°

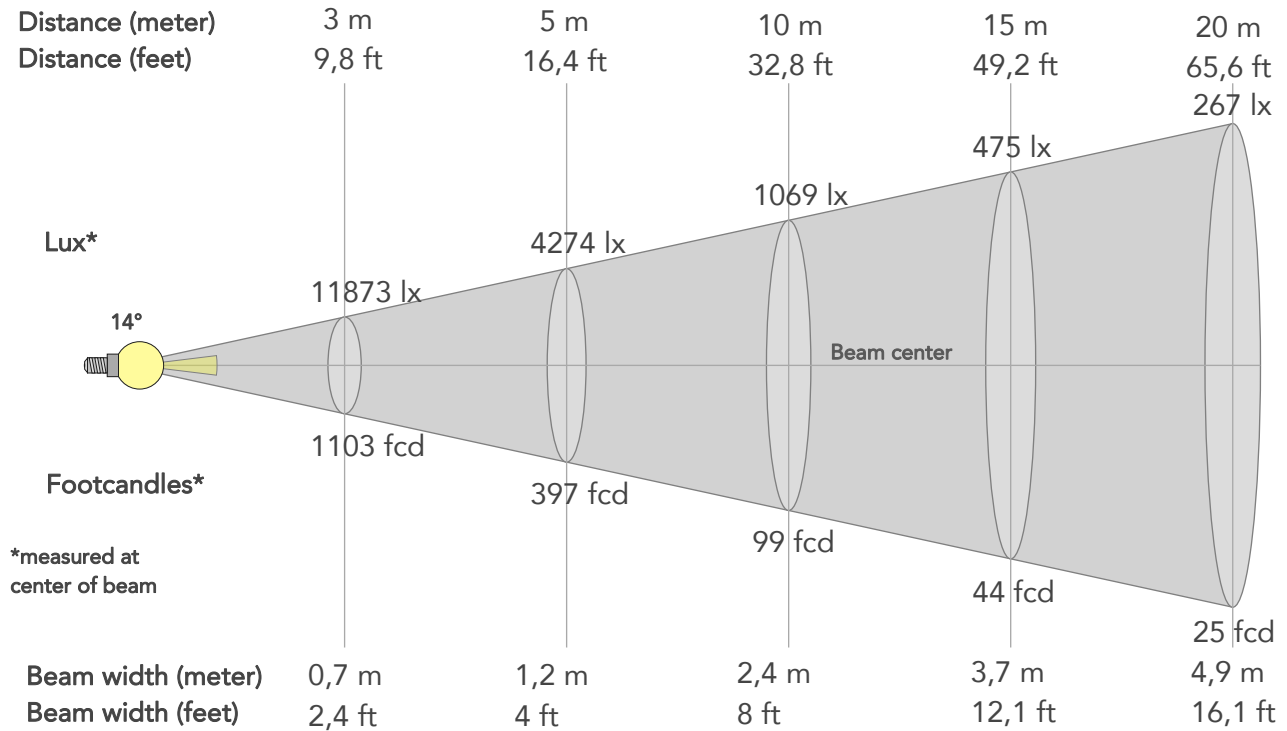
## Spectra



## BEAM DETAILS



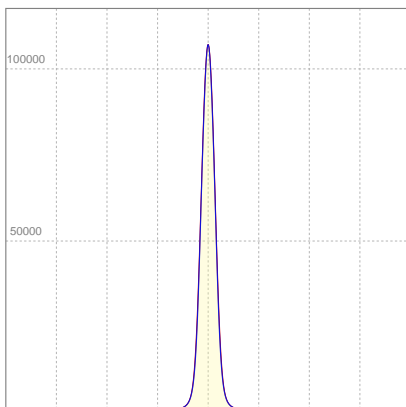
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14°	25,4°	36,9°	99,4%	97,8%



### 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	106855lx	26714lx	11873lx	6678lx	4274lx	1900lx	1069lx	475lx	267lx	171lx	119lx	67lx	43lx
Footcand.	9927fcd	2482fcd	1103fcd	620fcd	397fcd	176fcd	99fcd	44fcd	25fcd	16fcd	11fcd	6fcd	4fcd
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	12,1ft	16,1ft	20,1ft	24,1ft	32,1ft	40,2ft

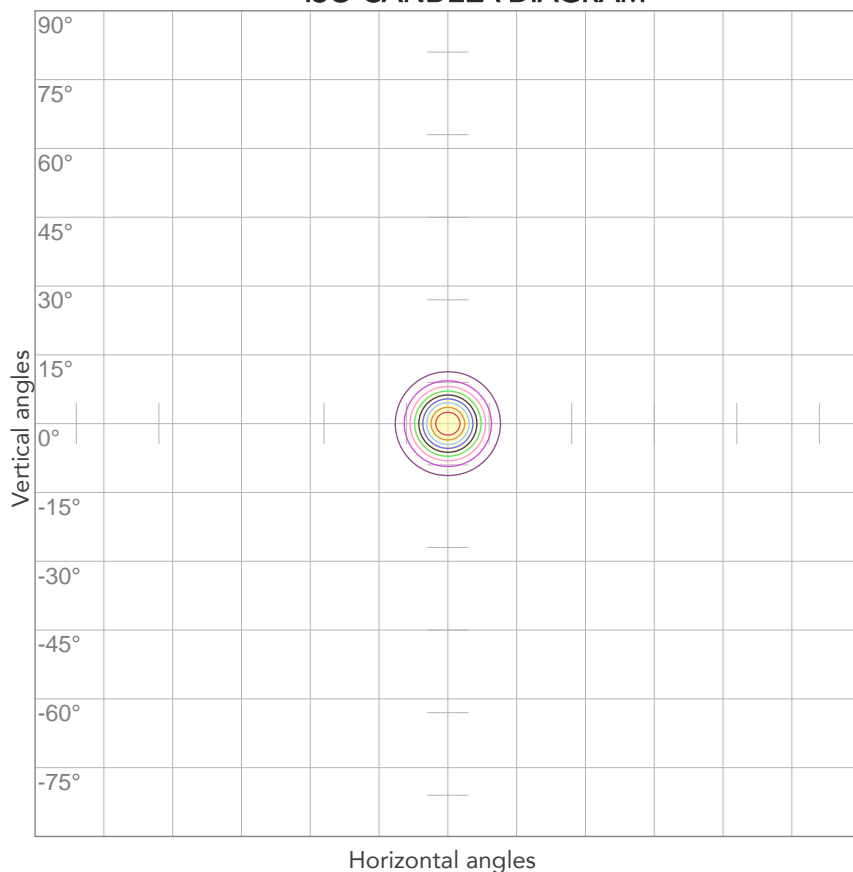
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,687A	122W	71lm/W
Power FC			
0,79			

## ISO CANDELA DIAGRAM



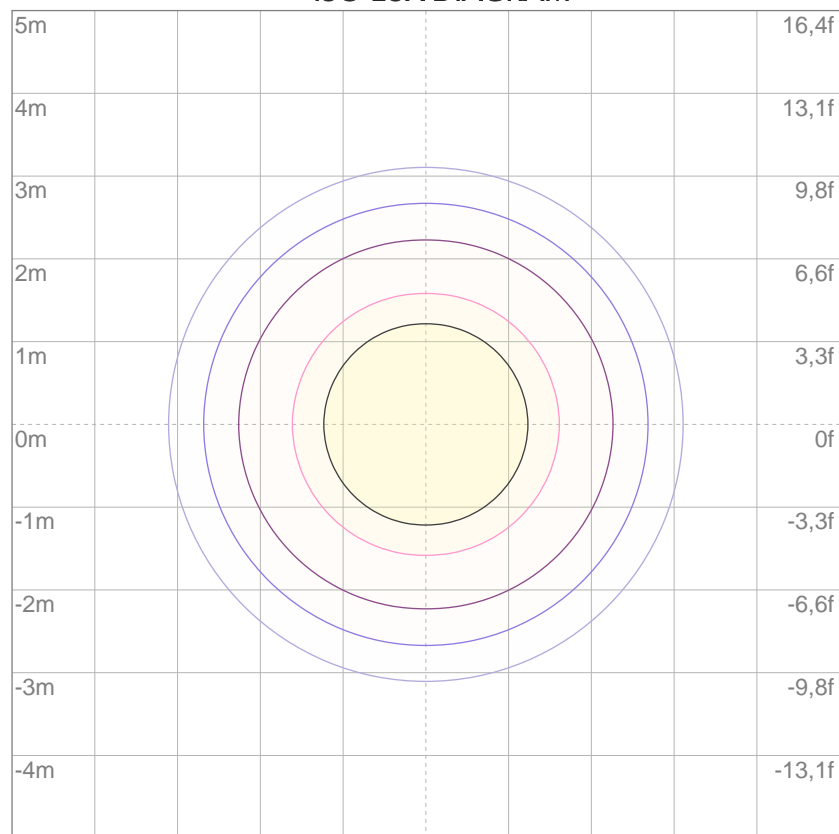
10%	10686 cd
20%	21371 cd
30%	32057 cd
40%	42742 cd
50%	53428 cd
60%	64113 cd
70%	74799 cd
80%	85484 cd

### Conditions:

Number of c-planes: 4

Candela at center: 106855 cd

## ISO LUX DIAGRAM



3%	32,1 lx
5%	53,4 lx
10%	107 lx
30%	321 lx
50%	534 lx

### Conditions:

Number of c-planes: 4

Lux at center: 1069 lx

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



Total lumen output:

17234 lm

Peak candela output:

213741 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

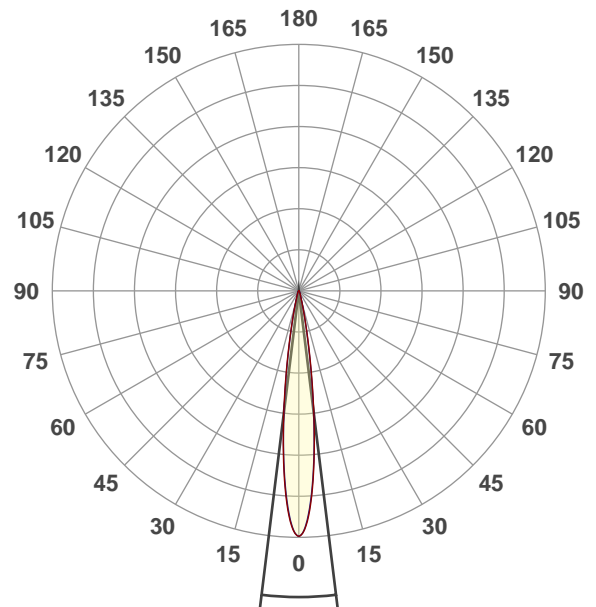
## MEASUREMENT CONDITIONS:

Beam angle:  
15°

Target:  
Green

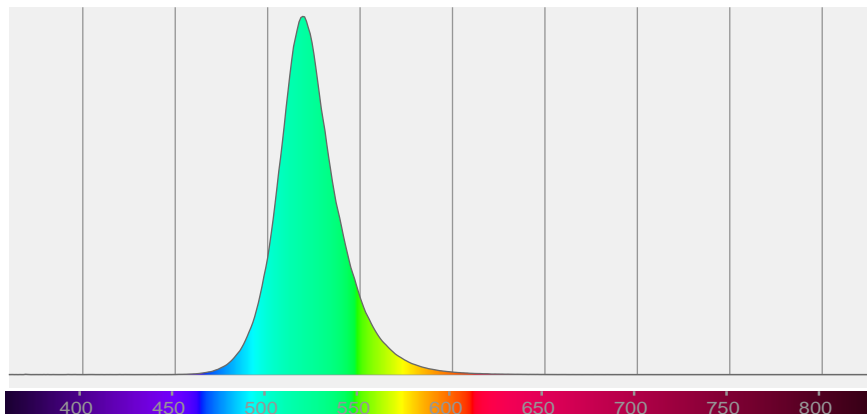
Operator:  
Paolo Carvone

Date and time:  
29/04/2020 16:35:36



Beam angle 50%: 14°  
Field angle 10%: 25,4°  
Cut off angle 2.5%: 36,9°

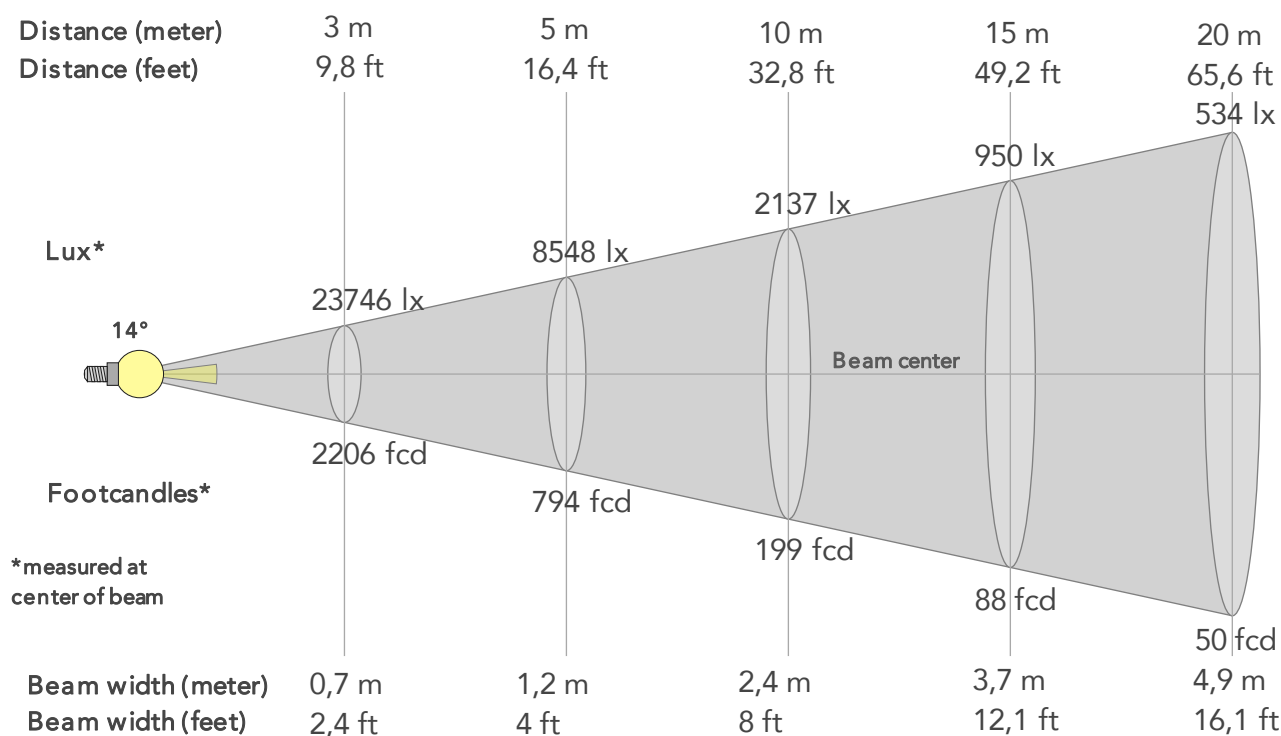
## Spectra



# BEAM DETAILS



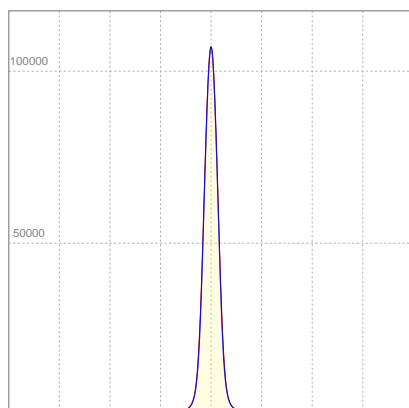
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14°	25,4°	36,9°	99,4%	97,8%



## 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	213712lx	53428lx	23746lx	13357lx	8548lx	3799lx	2137lx	950lx	534lx	342lx	237lx	134lx	85lx
Footcand.	19855fcd	4964fcd	2206fcd	1241fcd	794fcd	353fcd	199fcd	88fcd	50fcd	32fcd	22fcd	12fcd	8fcd
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	12,1ft	16,1ft	20,1ft	24,1ft	32,1ft	40,2ft

## LINEAR DISTRIBUTION DIAGRAM

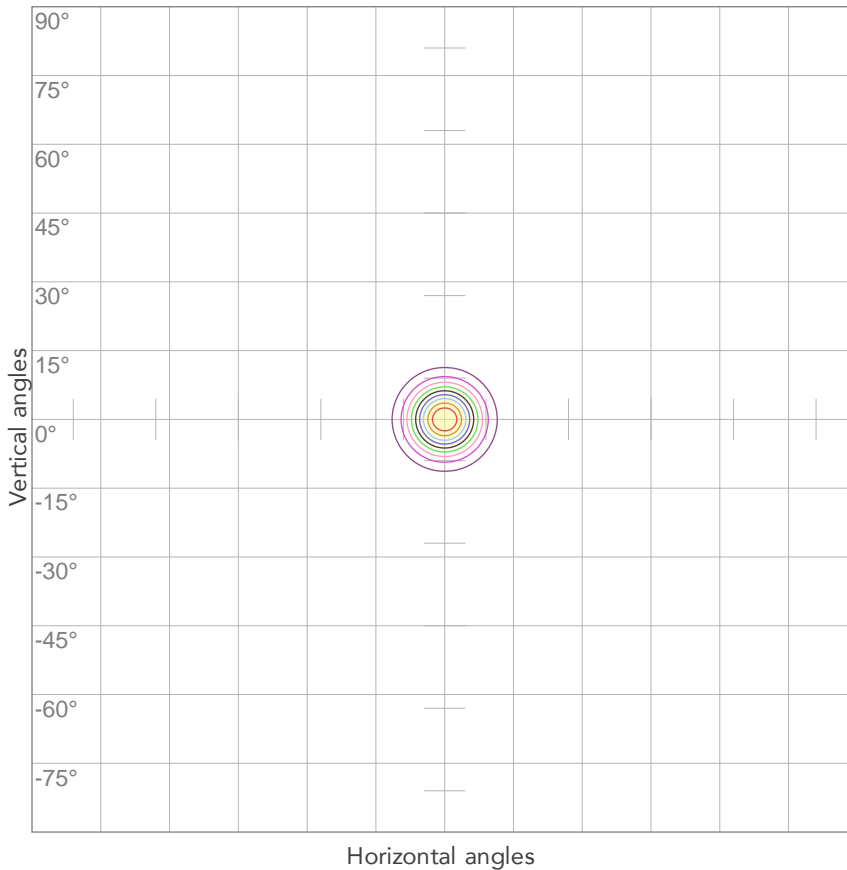


## ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,368A	242W	70,5lm/W

Power FC
0,79

## ISO CANDELA DIAGRAM



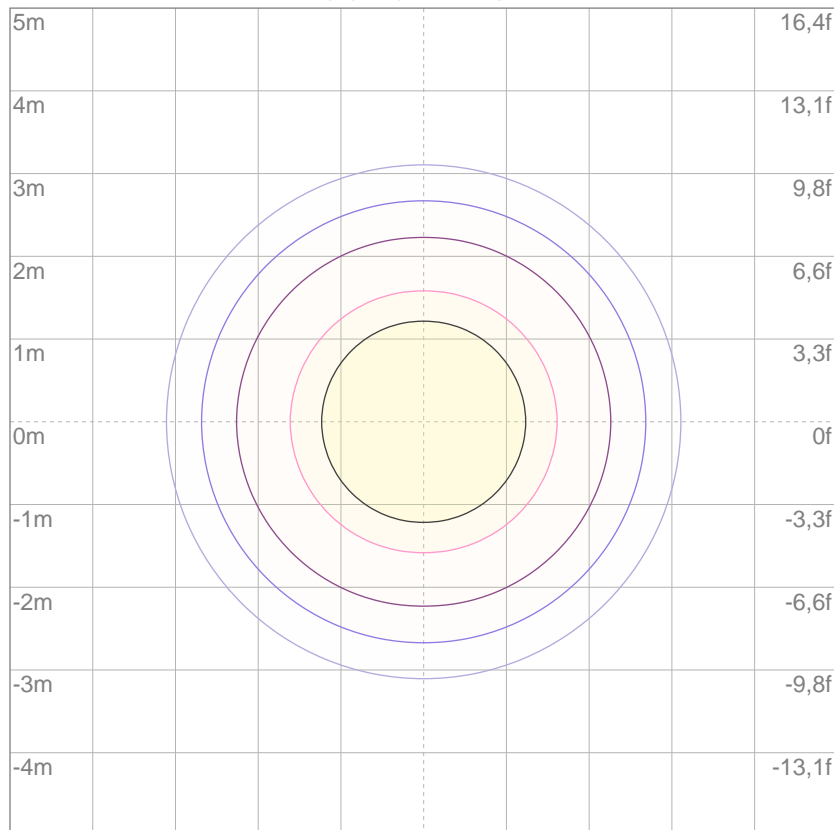
10%	21371 cd
20%	42742 cd
30%	64114 cd
40%	85485 cd
50%	106856 cd
60%	128227 cd
70%	149599 cd
80%	170970 cd

### Conditions:

Number of c-planes: 4

Candela at center: 213712 cd

## ISO LUX DIAGRAM



3%	64,1 lx
5%	107 lx
10%	214 lx
30%	641 lx
50%	1069 lx

### Conditions:

Number of c-planes: 4

Lux at center: 2137 lx

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





Total lumen output:

7756 lm

Peak candela output:

43948 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

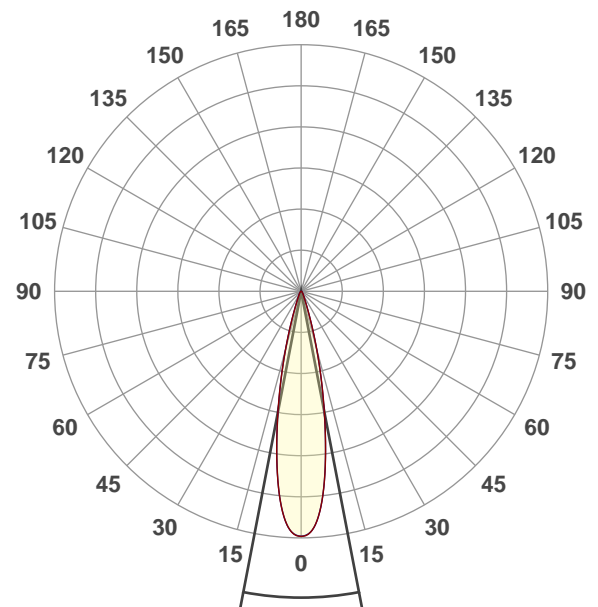
Green

Operator:

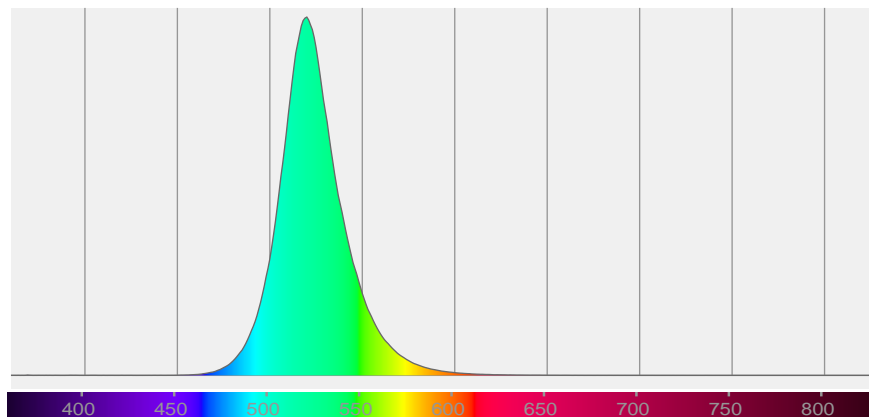
Paolo Carvone

Date and time:

29/04/2020 14:56:46



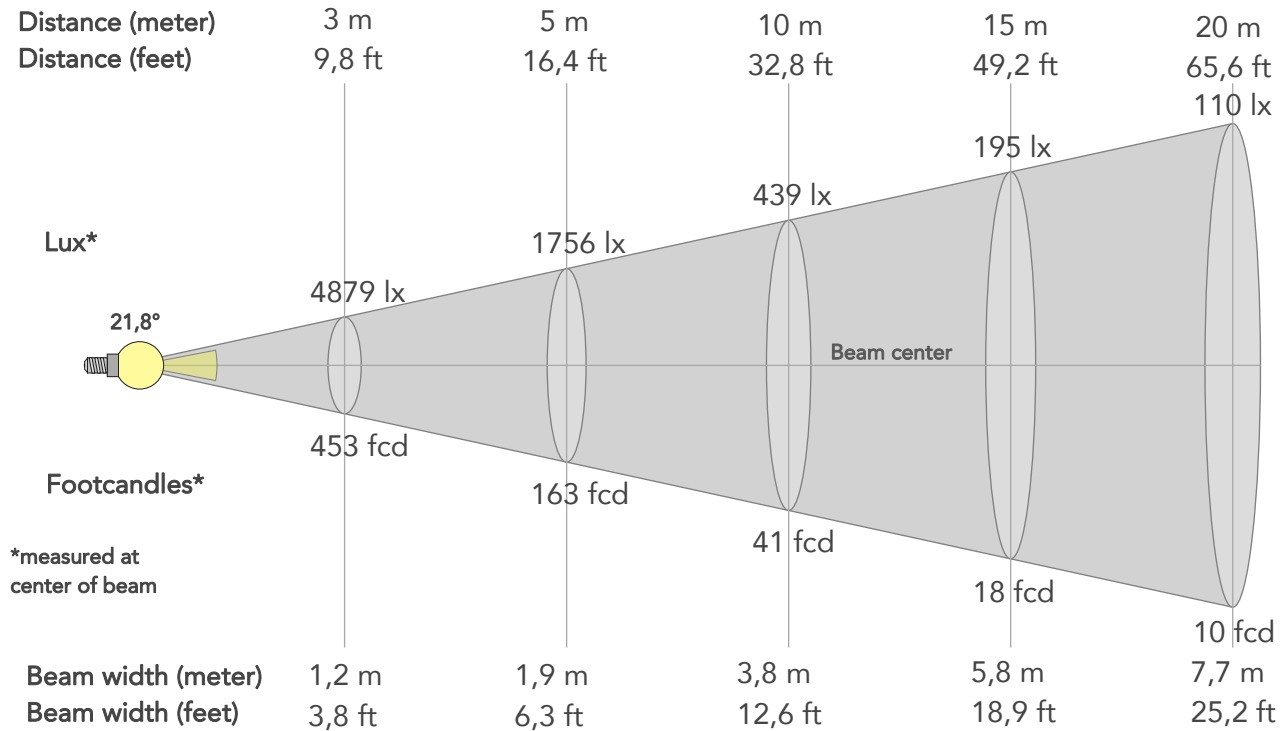
## Spectra



## BEAM DETAILS



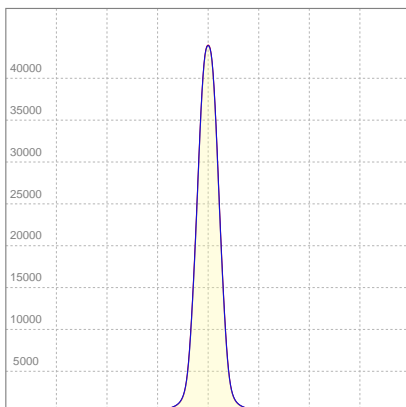
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,8°	37,5°	53,6°	98,8%	96,2%



### 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	43912lx	10978lx	4879lx	2744lx	1756lx	781lx	439lx	195lx	110lx	70lx	49lx	27lx	18lx
Footcand.	4080fcd	1020fcd	453fcd	255fcd	163fcd	73fcd	41fcd	18fcd	10fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,4m	0,8m	1,2m	1,5m	1,9m	2,9m	3,8m	5,8m	7,7m	9,6m	11,5m	15,4m	19,2m
Beam wid.	1,3ft	2,5ft	3,8ft	5ft	6,3ft	9,5ft	12,6ft	18,9ft	25,2ft	31,5ft	37,8ft	50,4ft	63,1ft

### LINEAR DISTRIBUTION DIAGRAM

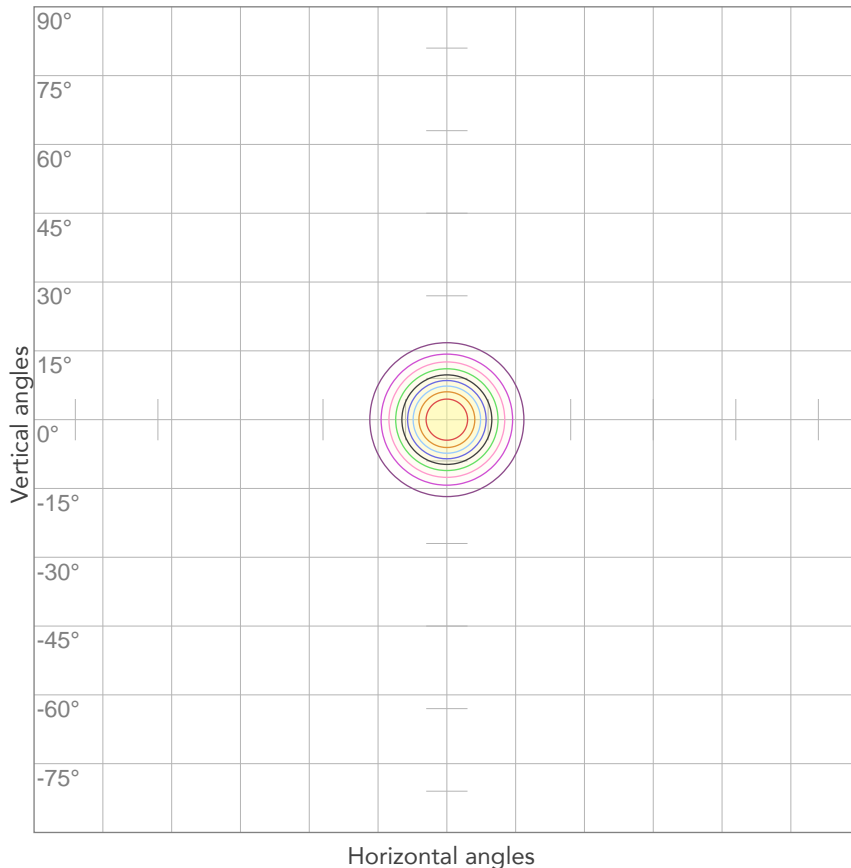


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,684A	121,2W	64lm/W

Power FC
0,78

## ISO CANDELA DIAGRAM



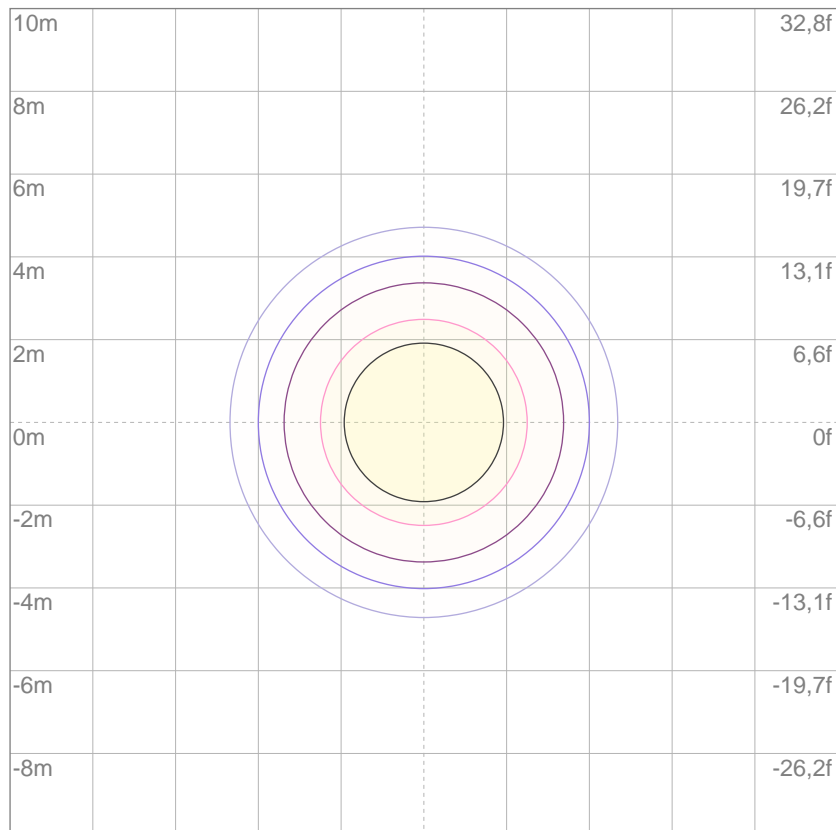
10%	4391 cd
20%	8782 cd
30%	13173 cd
40%	17565 cd
50%	21956 cd
60%	26347 cd
70%	30738 cd
80%	35129 cd

### Conditions:

Number of c-planes: 4

Candela at center: 43912 cd

## ISO LUX DIAGRAM



3%	13,2 lx
5%	22,0 lx
10%	43,9 lx
30%	132 lx
50%	220 lx

### Conditions:

Number of c-planes: 4

Lux at center: 439 lx

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



Total lumen output:

15512 lm

Peak candela output:

87895 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASURAMENT CONDITIONS:

Beam angle:

25°

Target:

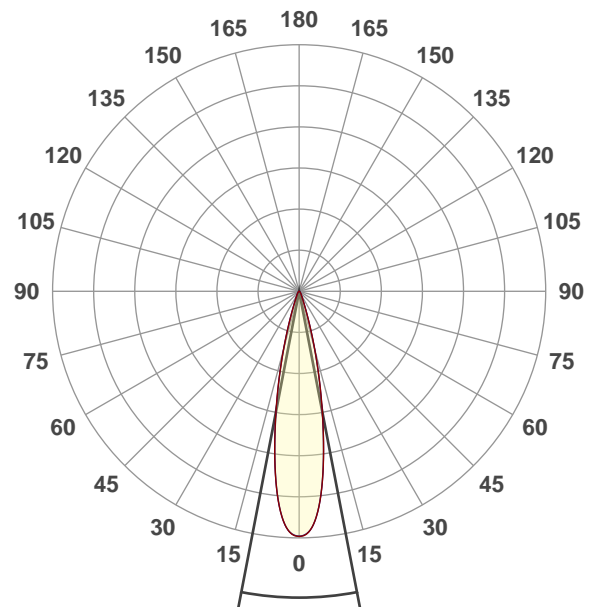
Green

Operator:

Paolo Carvone

Date and time:

29/04/2020 14:56:46

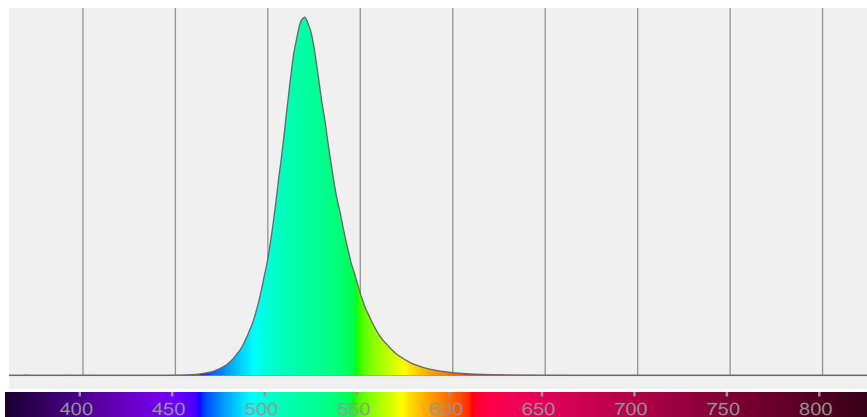


Beam angle 50%: 21,8°

Field angle 10%: 37,5°

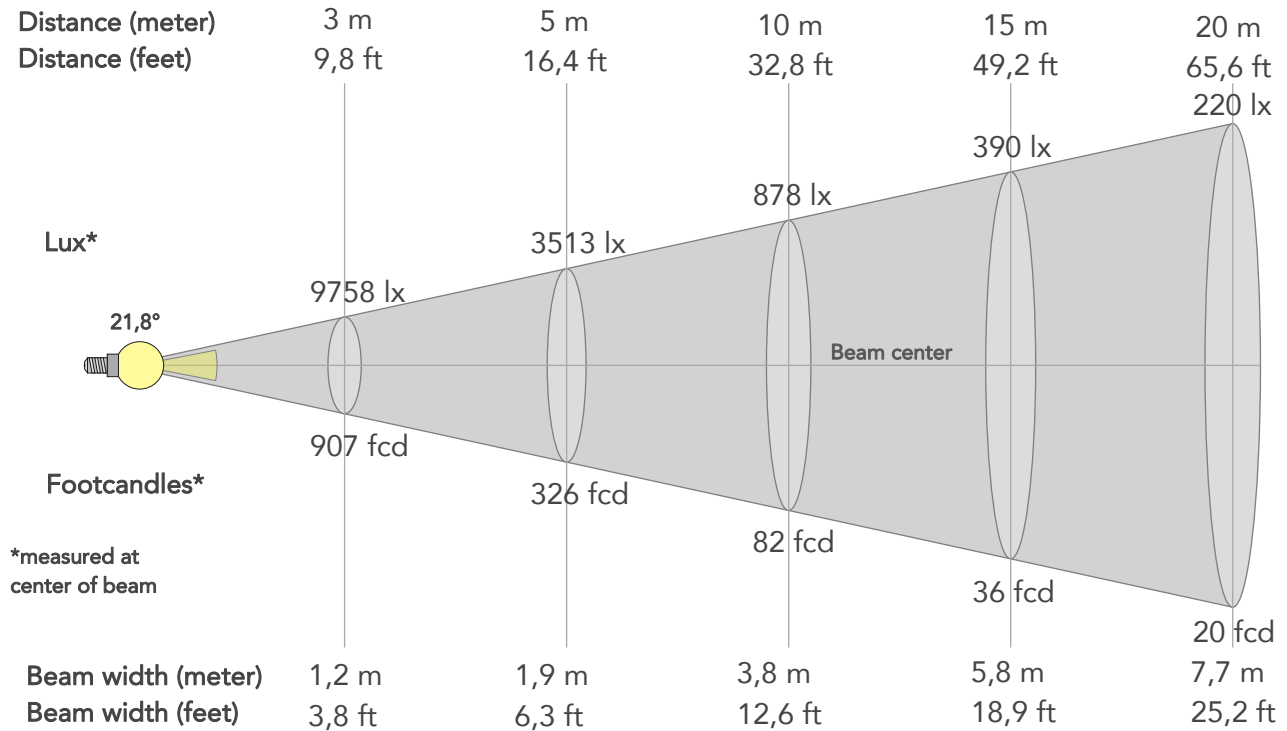
Cut off angle 2.5%: 53,6°

## Spectra



## BEAM DETAILS

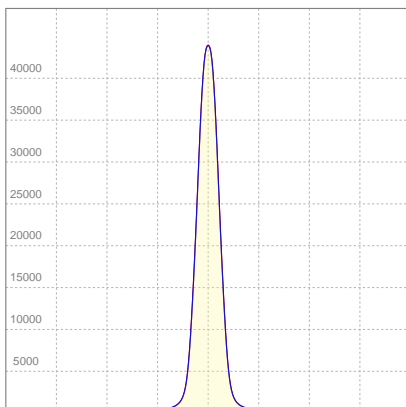
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,8°	37,5°	53,6°	98,8%	96,2%



### 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	87822lx	21956lx	9758lx	5489lx	3513lx	1561lx	878lx	390lx	220lx	141lx	98lx	55lx	35lx
Footcand.	8159fcd	2040fcd	907fcd	510fcd	326fcd	145fcd	82fcd	36fcd	20fcd	13fcd	9fcd	5fcd	3fcd
Beam wid.	0,4m	0,8m	1,2m	1,5m	1,9m	2,9m	3,8m	5,8m	7,7m	9,6m	11,5m	15,4m	19,2m
Beam wid.	1,3ft	2,5ft	3,8ft	5ft	6,3ft	9,5ft	12,6ft	18,9ft	25,2ft	31,5ft	37,8ft	50,4ft	63,1ft

### LINEAR DISTRIBUTION DIAGRAM

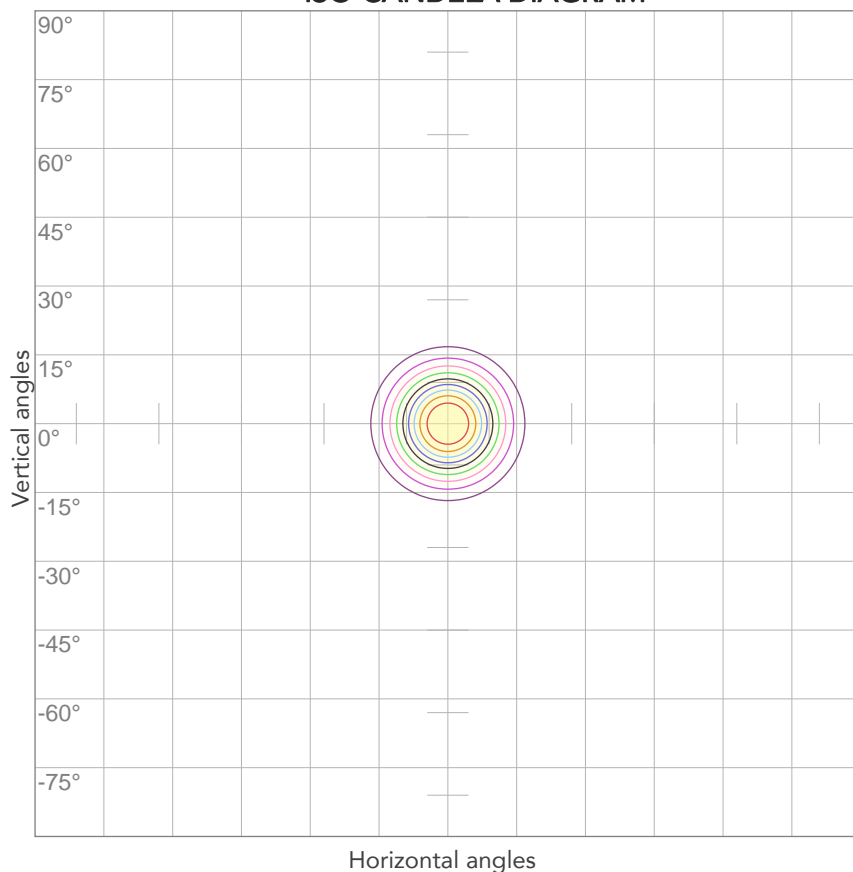


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,368A	242.4W	64lm/W

Power FC
0,78

## ISO CANDELA DIAGRAM



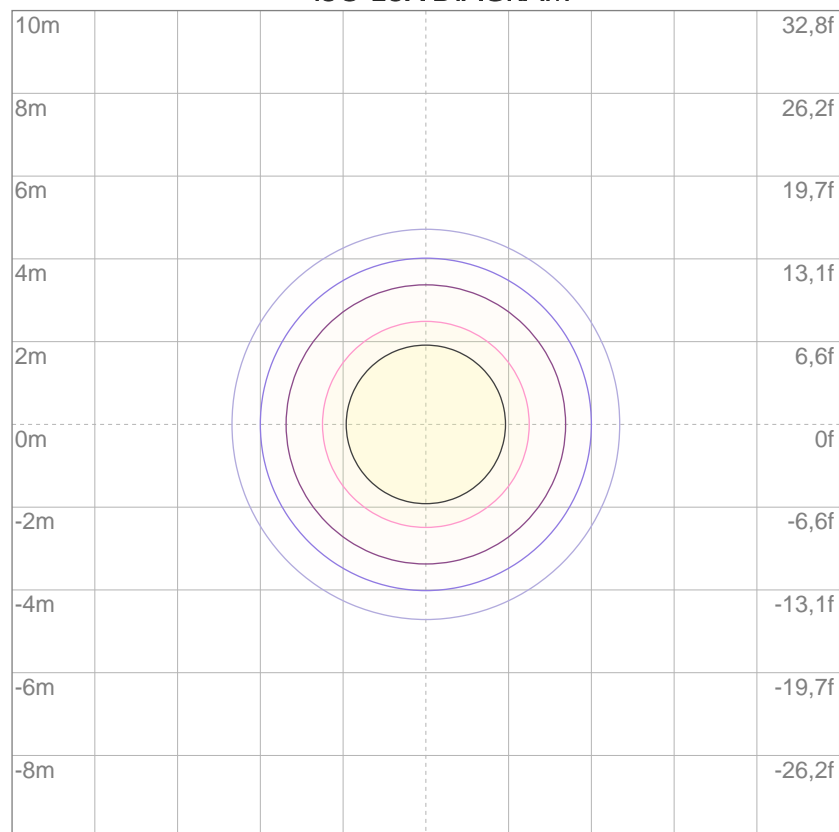
10%	8782 cd
20%	17564 cd
30%	26347 cd
40%	35129 cd
50%	43911 cd
60%	52693 cd
70%	61476 cd
80%	70258 cd

### Conditions:

Number of c-planes: 4

Candela at center: 87822 cd

## ISO LUX DIAGRAM



3%	26,3 lx
5%	43,9 lx
10%	87,8 lx
30%	263 lx
50%	439 lx

### Conditions:

Number of c-planes: 4

Lux at center: 878 lx

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



Total lumen output:

6659 lm

Peak candela output:

9336 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

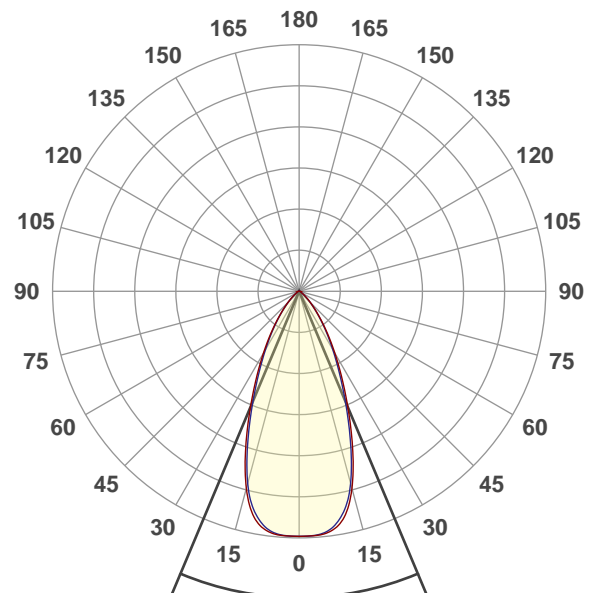
Green

Operator:

Paolo Carvone

Date and time:

29/04/2020 13:20:44

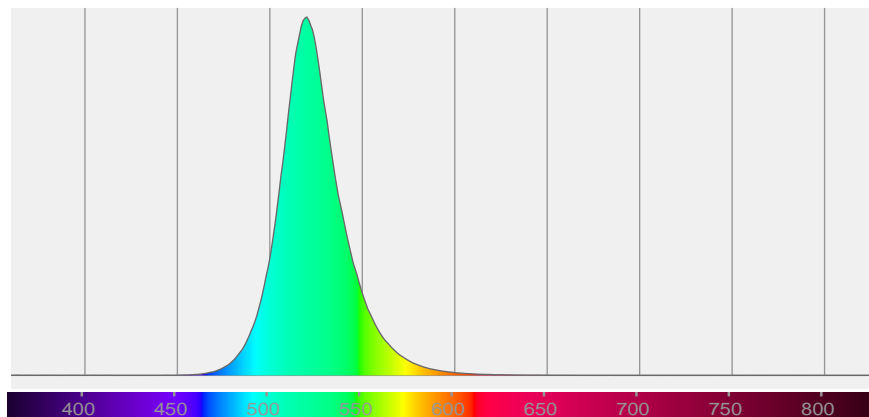


Beam angle 50%: 45,6°

Field angle 10%: 81,7°

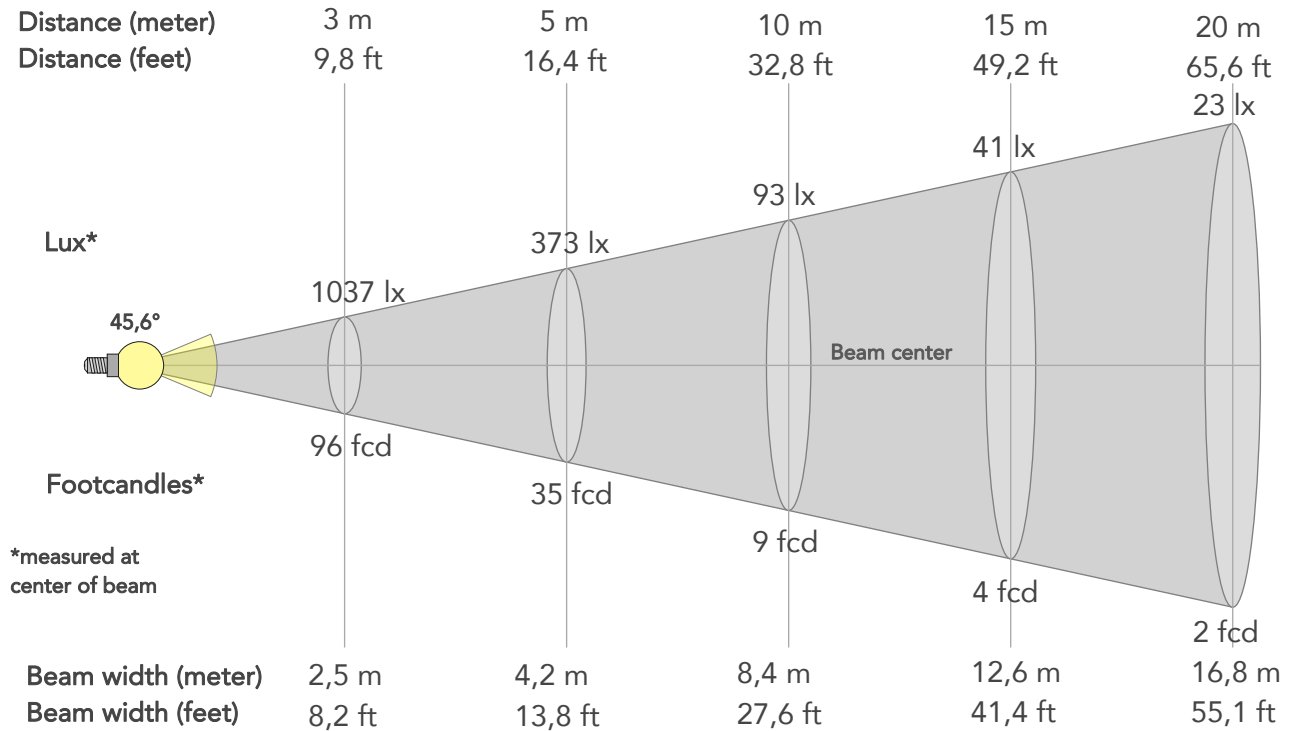
Cut off angle 2.5%: 105,2°

## Spectra



## BEAM DETAILS

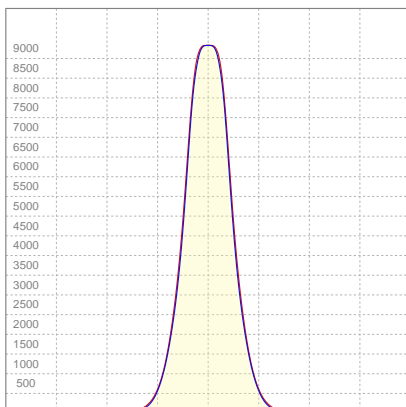
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,6°	81,7°	105,2°	97,4%	92,3%



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	9334lx	2333lx	1037lx	583lx	373lx	166lx	93lx	41lx	23lx	15lx	10lx	6lx	4lx
Footcand.	867fcd	217fcd	96fcd	54fcd	35fcd	15fcd	9fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,4m	4,2m	6,3m	8,4m	12,6m	16,8m	21m	25,2m	33,6m	42m
Beam wid.	2,8ft	5,5ft	8,2ft	11ft	13,8ft	20,7ft	27,6ft	41,4ft	55,1ft	68,9ft	82,7ft	110,3ft	137,8ft

### LINEAR DISTRIBUTION DIAGRAM

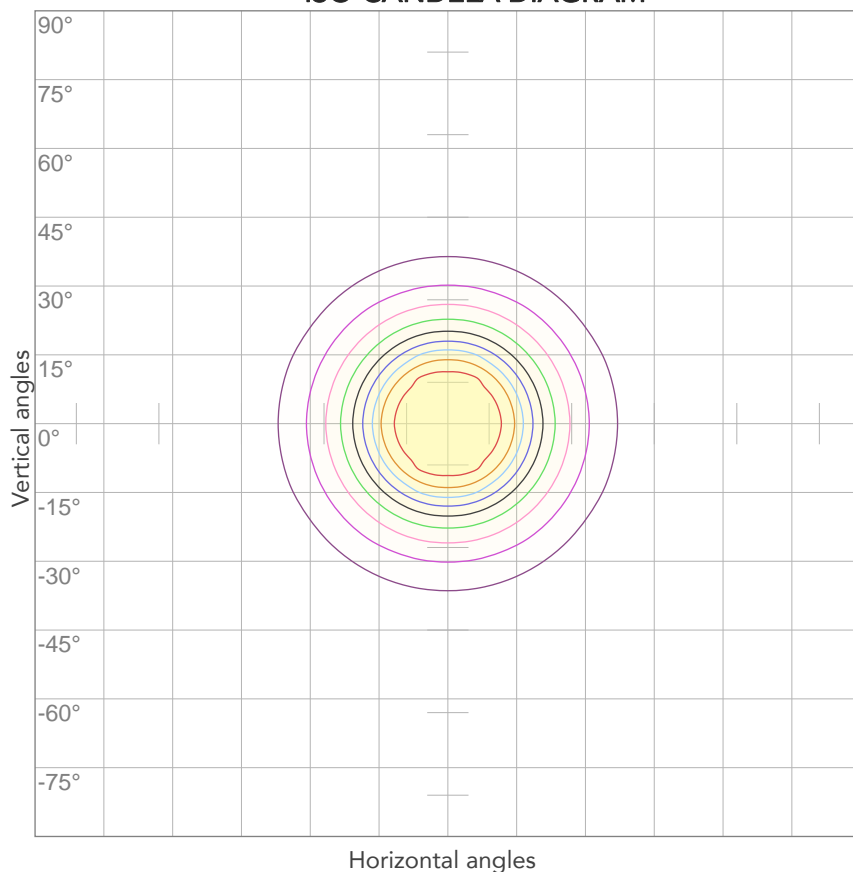


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,684A	121,1W	55lm/W
Power FC			
0,78			



## ISO CANDELA DIAGRAM



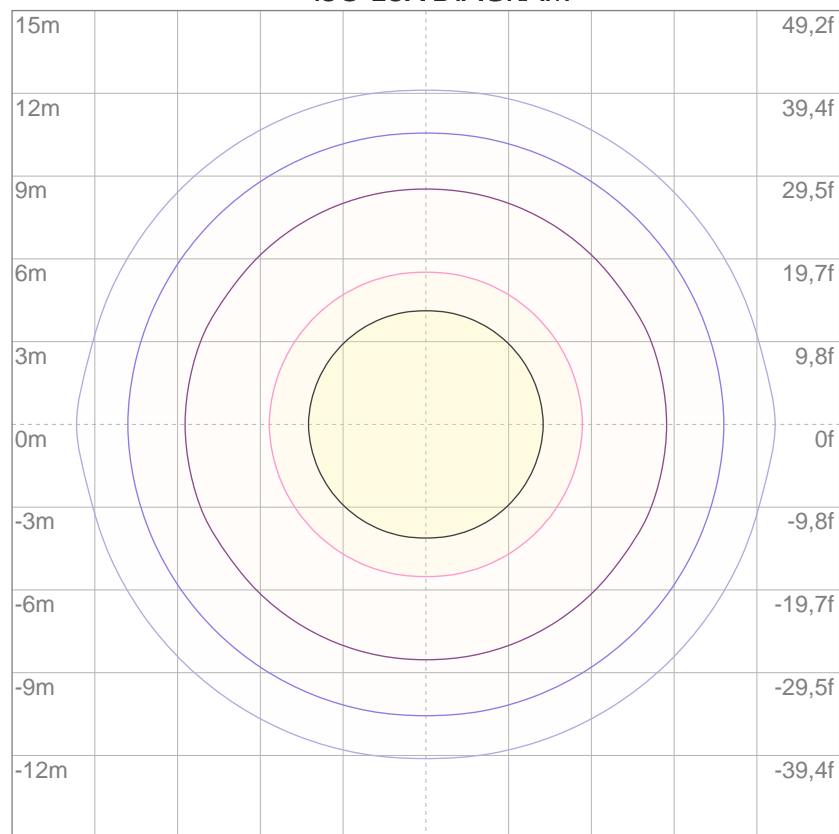
10%	933 cd
20%	1867 cd
30%	2800 cd
40%	3733 cd
50%	4667 cd
60%	5600 cd
70%	6534 cd
80%	7467 cd

### Conditions:

Number of c-planes: 4

Candela at center: 9334 cd

## ISO LUX DIAGRAM



3%	2,80 lx
5%	4,67 lx
10%	9,33 lx
30%	28,0 lx
50%	46,7 lx

### Conditions:

Number of c-planes: 4

Lux at center: 93,3 lx

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



Total lumen output:

13318 lm

Peak candela output:

18672 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

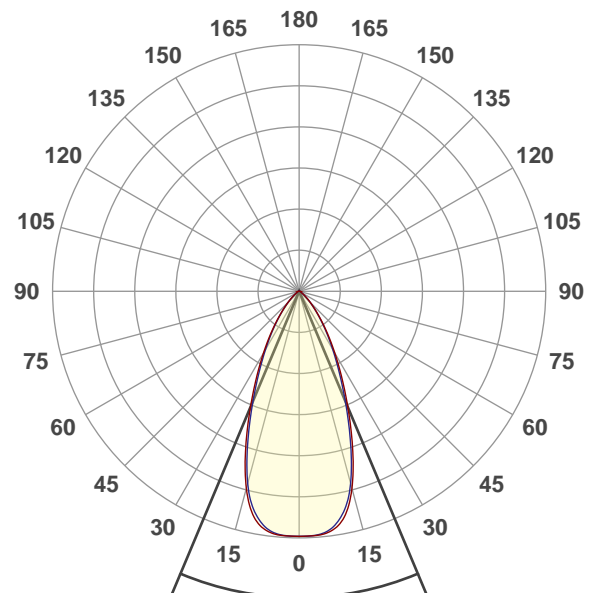
Green

Operator:

Paolo Carvone

Date and time:

29/04/2020 13:20:44

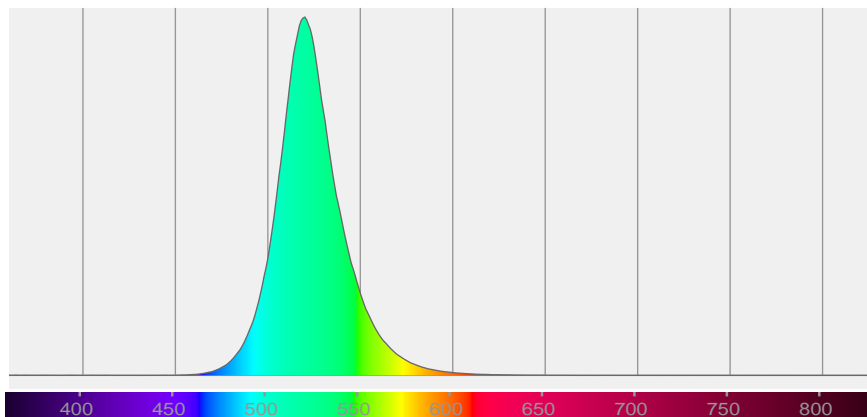


Beam angle 50%: 45,6°

Field angle 10%: 81,7°

Cut off angle 2.5%: 105,2°

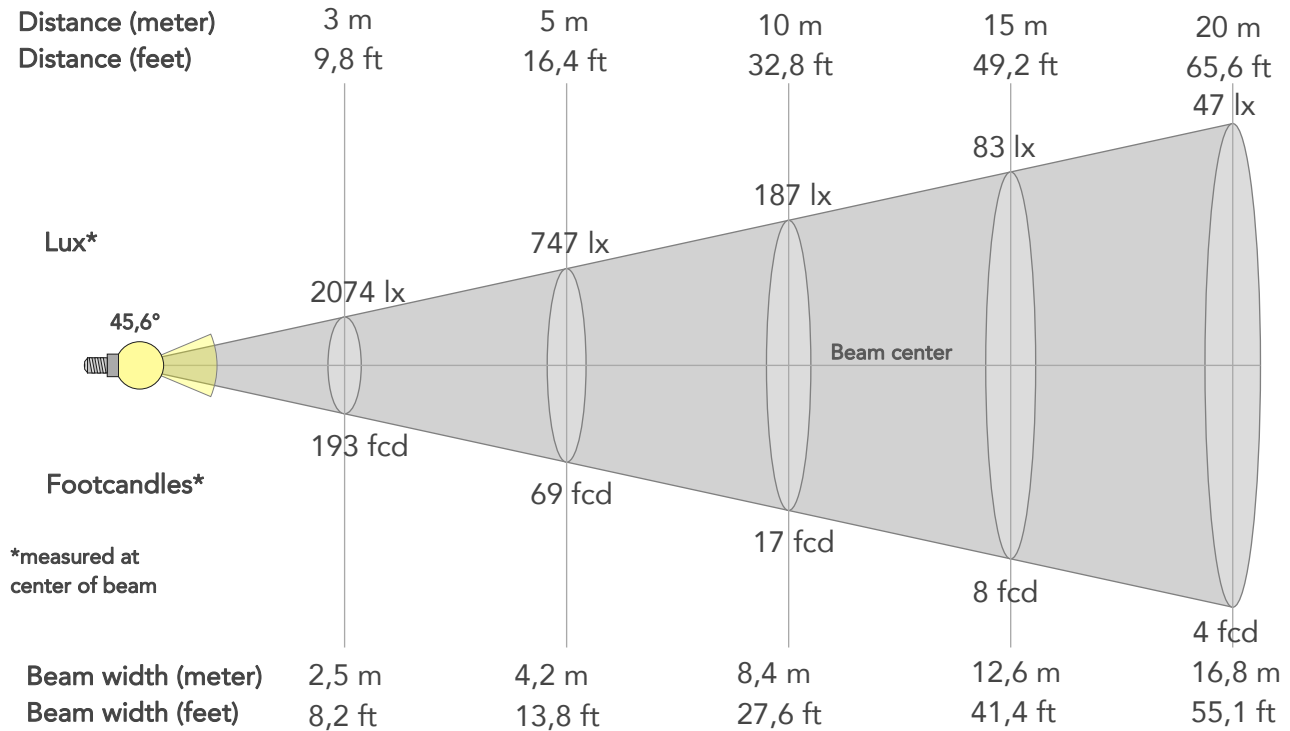
## Spectra



## BEAM DETAILS



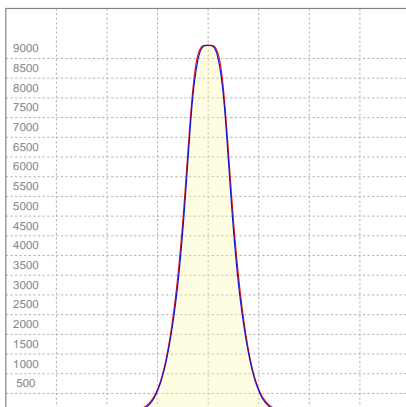
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,6°	81,7°	105,2°	97,4%	92,3%



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	18666lx	4667lx	2074lx	1167lx	747lx	332lx	187lx	83lx	47lx	30lx	21lx	12lx	7lx
Footcand.	1734fcd	434fcd	193fcd	108fcd	69fcd	31fcd	17fcd	8fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,8m	1,7m	2,5m	3,4m	4,2m	6,3m	8,4m	12,6m	16,8m	21m	25,2m	33,6m	42m
Beam wid.	2,8ft	5,5ft	8,2ft	11ft	13,8ft	20,7ft	27,6ft	41,4ft	55,1ft	68,9ft	82,7ft	110,3ft	137,8ft

### LINEAR DISTRIBUTION DIAGRAM

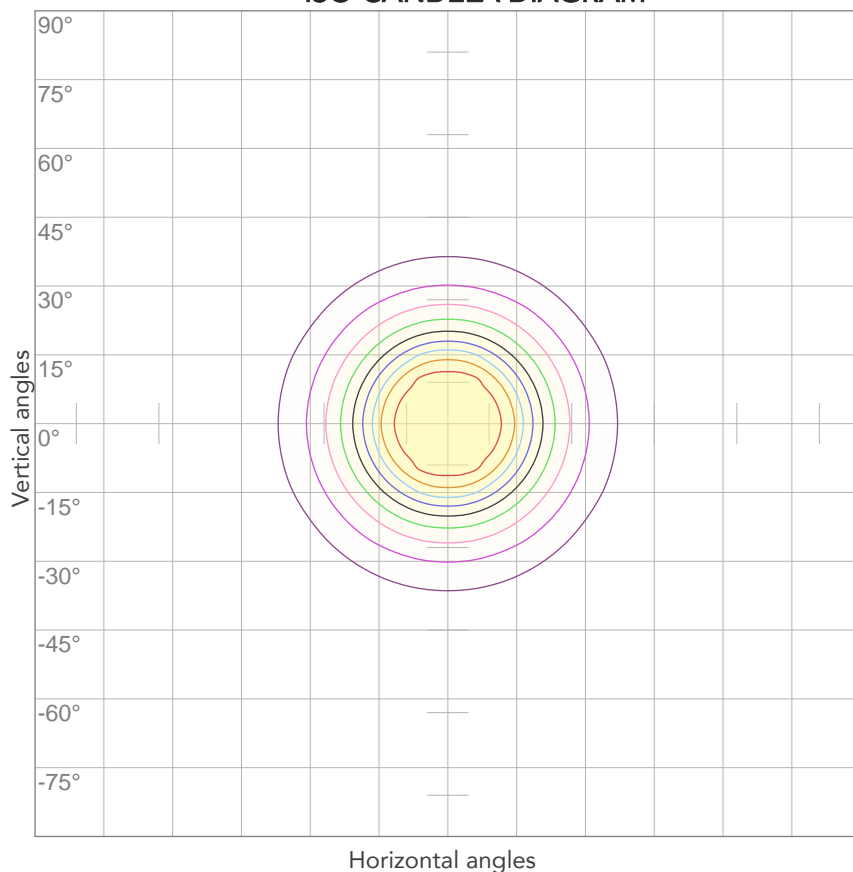


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,368A	242,4W	55lm/W

Power FC
0,78

## ISO CANDELA DIAGRAM



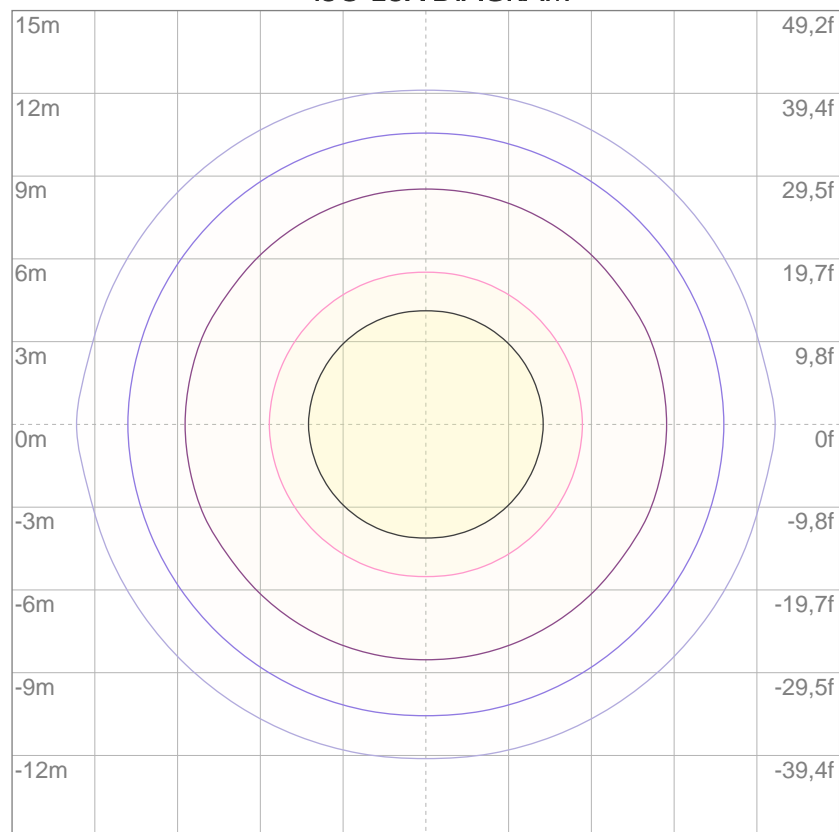
10%	1867 cd
20%	3733 cd
30%	5600 cd
40%	7467 cd
50%	9333 cd
60%	11200 cd
70%	13066 cd
80%	14933 cd

### Conditions:

Number of c-planes: 4

Candela at center: 18666 cd

## ISO LUX DIAGRAM



3%	5,60 lx
5%	9,33 lx
10%	18,7 lx
30%	56,0 lx
50%	93,3 lx

### Conditions:

Number of c-planes: 4

Lux at center: 187 lx

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



Total lumen output:

1304 lm

Peak candela output:

24598 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

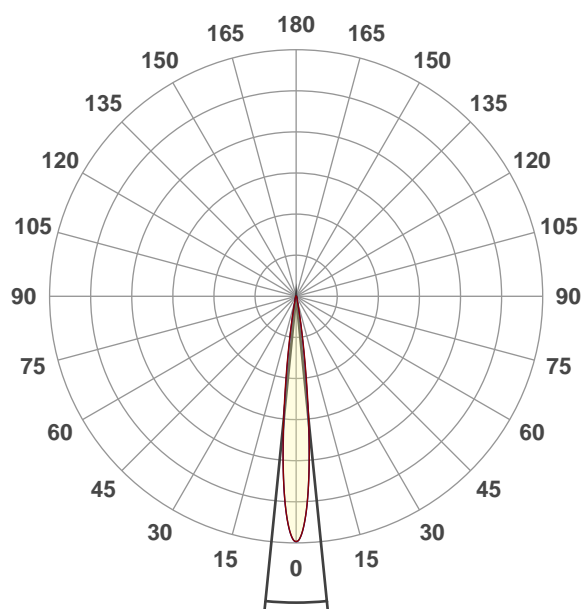
Blue

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:46:59

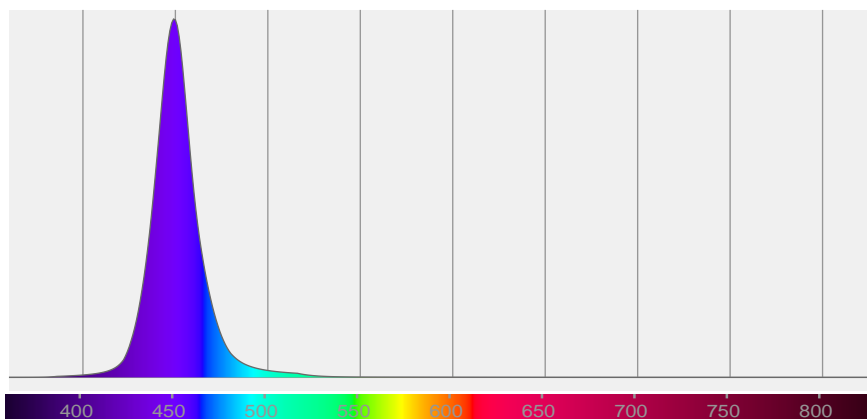


Beam angle 50%: 11,5°

Field angle 10%: 19,6°

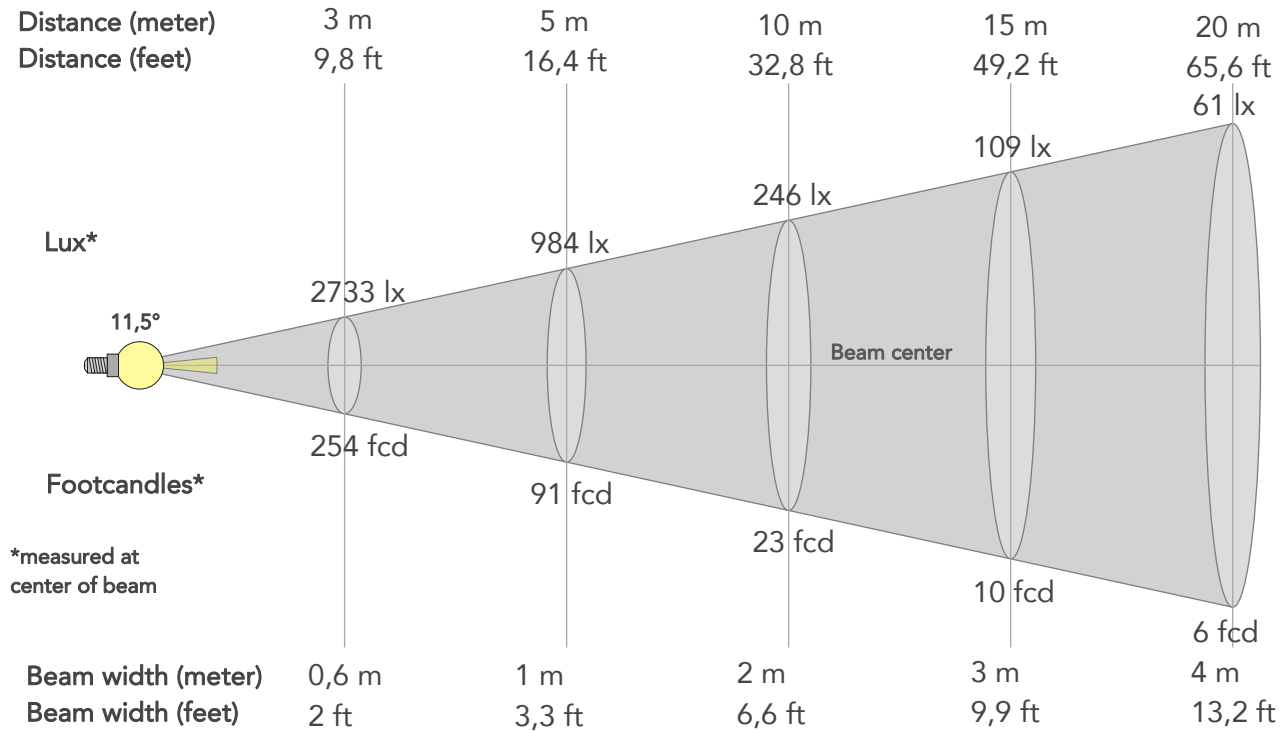
Cut off angle 2.5%: 27,1°

## Spectra



## BEAM DETAILS

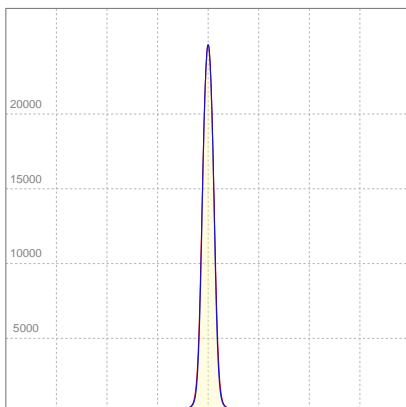
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,5°	19,6°	27,1°	99,2%	97,2%



### 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	24594lx	6149lx	2733lx	1537lx	984lx	437lx	246lx	109lx	61lx	39lx	27lx	15lx	10lx
Footcand.	2285fcd	571fcd	254fcd	143fcd	91fcd	41fcd	23fcd	10fcd	6fcd	4fcd	3fcd	1fcd	1fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	3m	4m	5m	6m	8,1m	10,1m
Beam wid.	0,7ft	1,3ft	2ft	2,6ft	3,3ft	5ft	6,6ft	9,9ft	13,2ft	16,5ft	19,8ft	26,4ft	33ft

### LINEAR DISTRIBUTION DIAGRAM

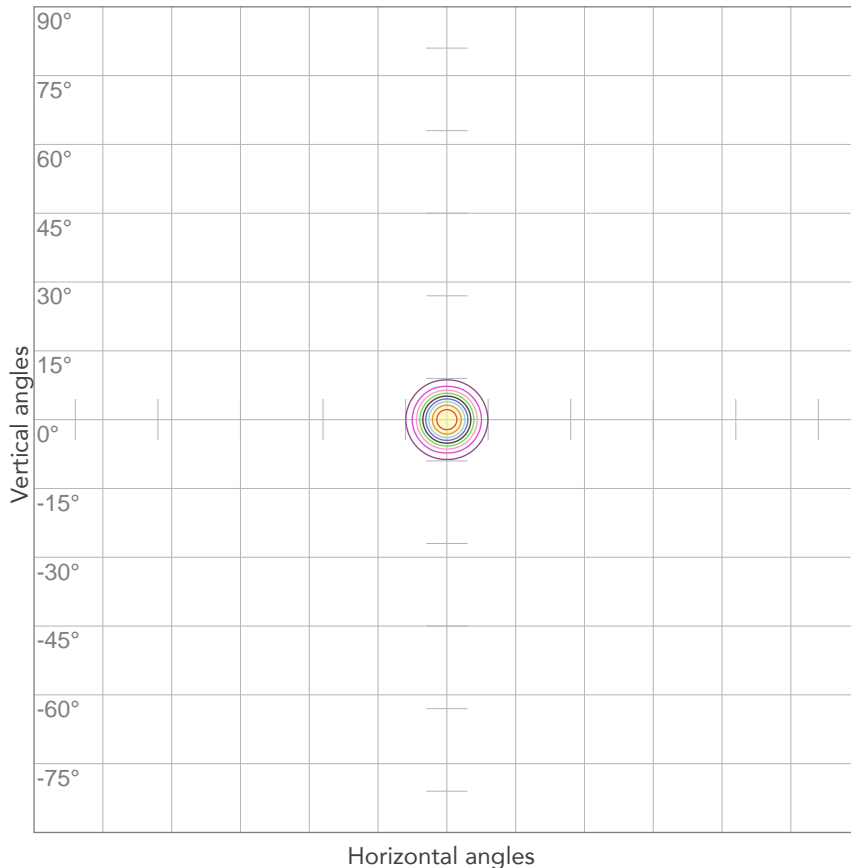


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,672A	118,5W	11lm/W

Power FC
0,78

## ISO CANDELA DIAGRAM



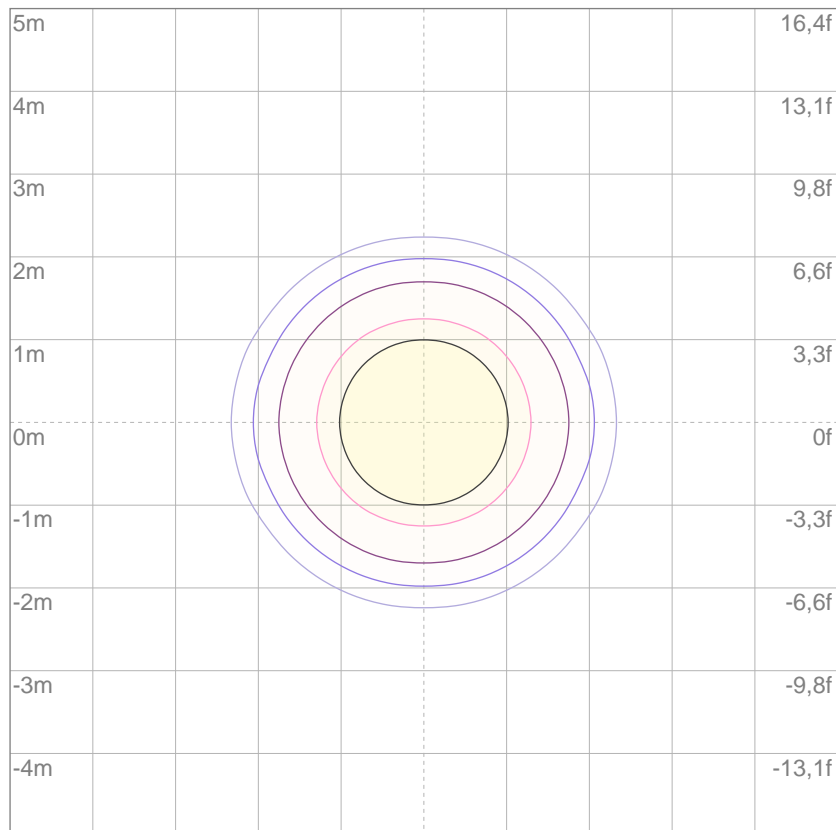
10%	2459 cd
20%	4919 cd
30%	7378 cd
40%	9838 cd
50%	12297 cd
60%	14756 cd
70%	17216 cd
80%	19675 cd

### Conditions:

Number of c-planes: 4

Candela at center: 24594 cd

## ISO LUX DIAGRAM



3%	7,38 lx
5%	12,3 lx
10%	24,6 lx
30%	73,8 lx
50%	123 lx

### Conditions:

Number of c-planes: 4

Lux at center: 246 lx

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



Total lumen output:

2608 lm

Peak candela output:

49193 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

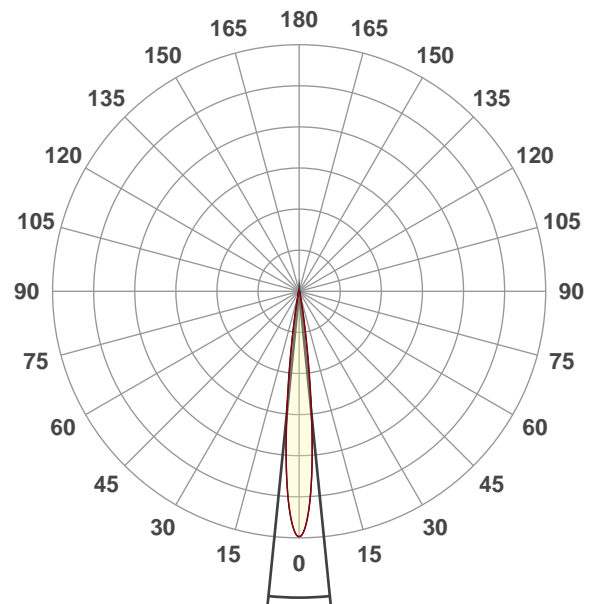
Blue

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:46:59

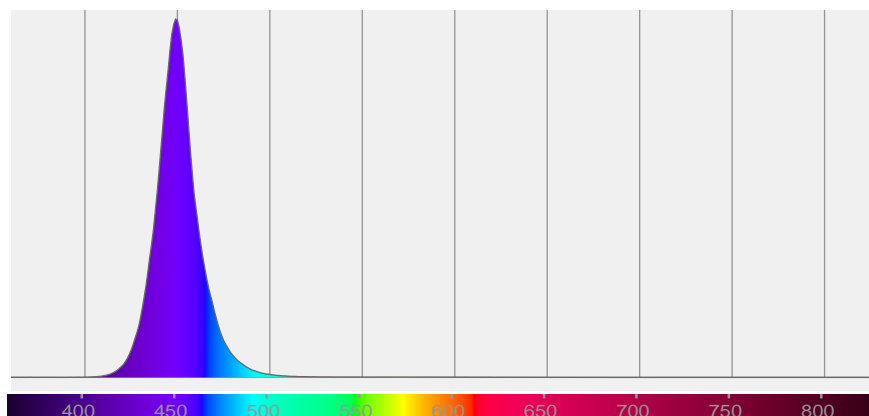


Beam angle 50%: 11,5°

Field angle 10%: 19,6°

Cut off angle 2.5%: 27,1°

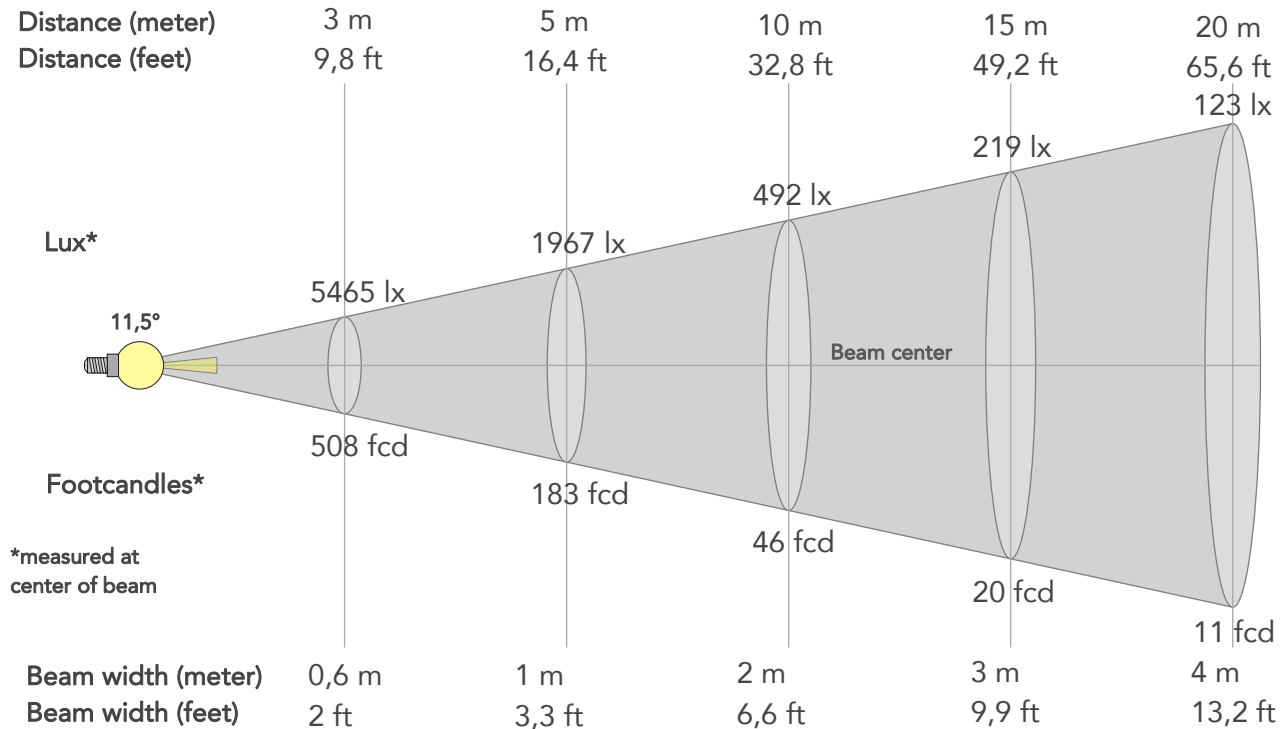
## Spectra





## BEAM DETAILS

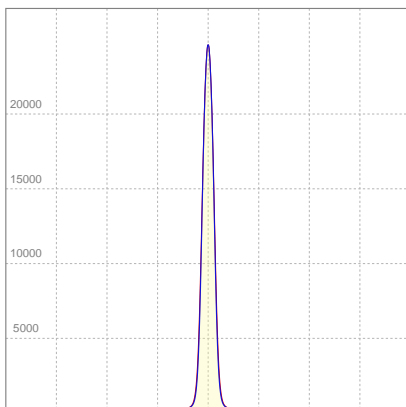
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,5°	19,6°	27,1°	99,2%	97,2%



### 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	49186lx	12296lx	5465lx	3074lx	1967lx	874lx	492lx	219lx	123lx	79lx	55lx	31lx	20lx
Footcand.	4569fcd	1142fcd	508fcd	286fcd	183fcd	81fcd	46fcd	20fcd	11fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	3m	4m	5m	6m	8,1m	10,1m
Beam wid.	0,7ft	1,3ft	2ft	2,6ft	3,3ft	5ft	6,6ft	9,9ft	13,2ft	16,5ft	19,8ft	26,4ft	33ft

### LINEAR DISTRIBUTION DIAGRAM

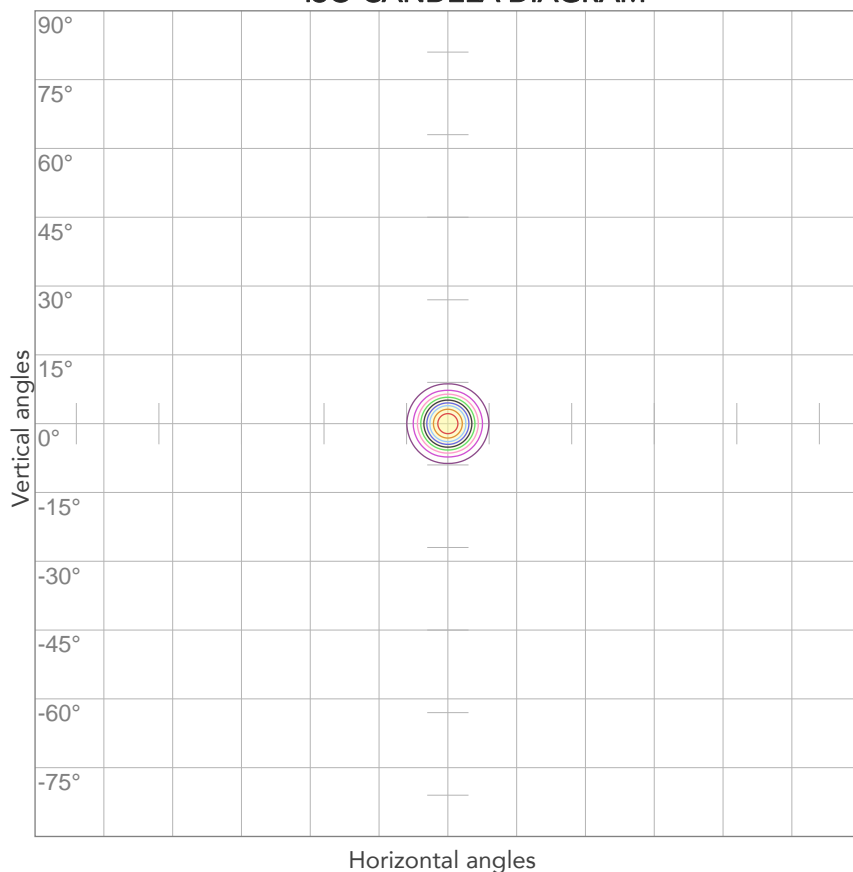


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,344A	237W	11lm/W

Power FC
0,78

## ISO CANDELA DIAGRAM



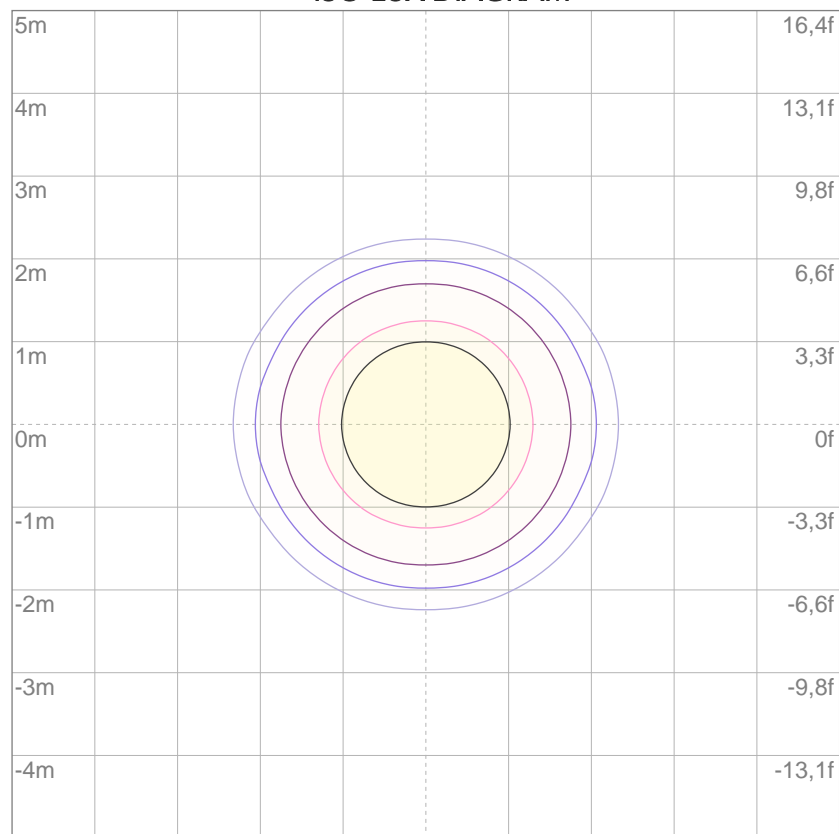
10%	4919 cd
20%	9837 cd
30%	14756 cd
40%	19674 cd
50%	24593 cd
60%	29511 cd
70%	34430 cd
80%	39349 cd

### Conditions:

Number of c-planes: 4

Candela at center: 49186 cd

## ISO LUX DIAGRAM



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

### Conditions:

Number of c-planes: 4

Lux at center: 492 lx

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



Total lumen output:

1602 lm

Peak candela output:

19545 cd

## PRODUCT NAME:

ArcPod96Q 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

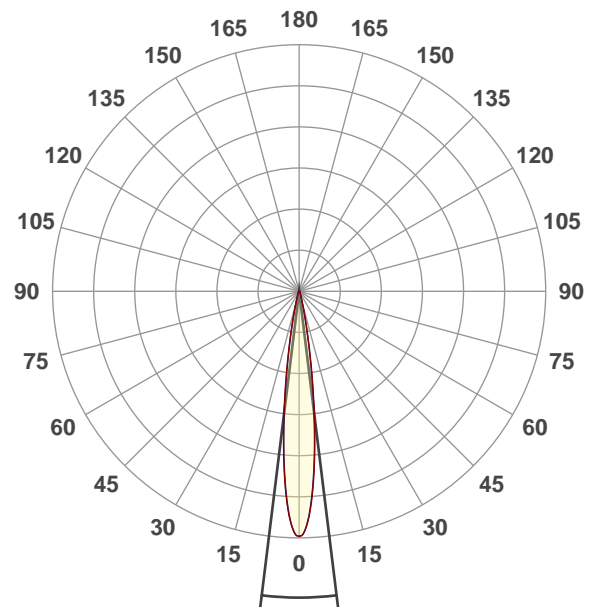
Blue

Operator:

Paolo Carvone

Date and time:

29/04/2020 16:40:21

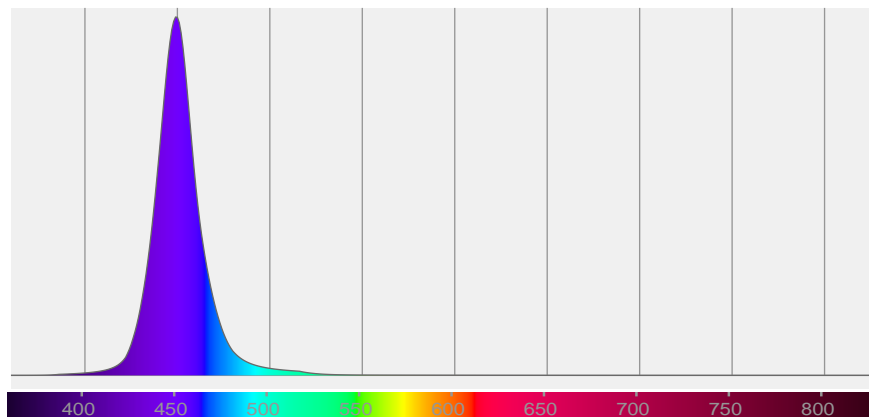


Beam angle 50%: 14°

Field angle 10%: 25,7°

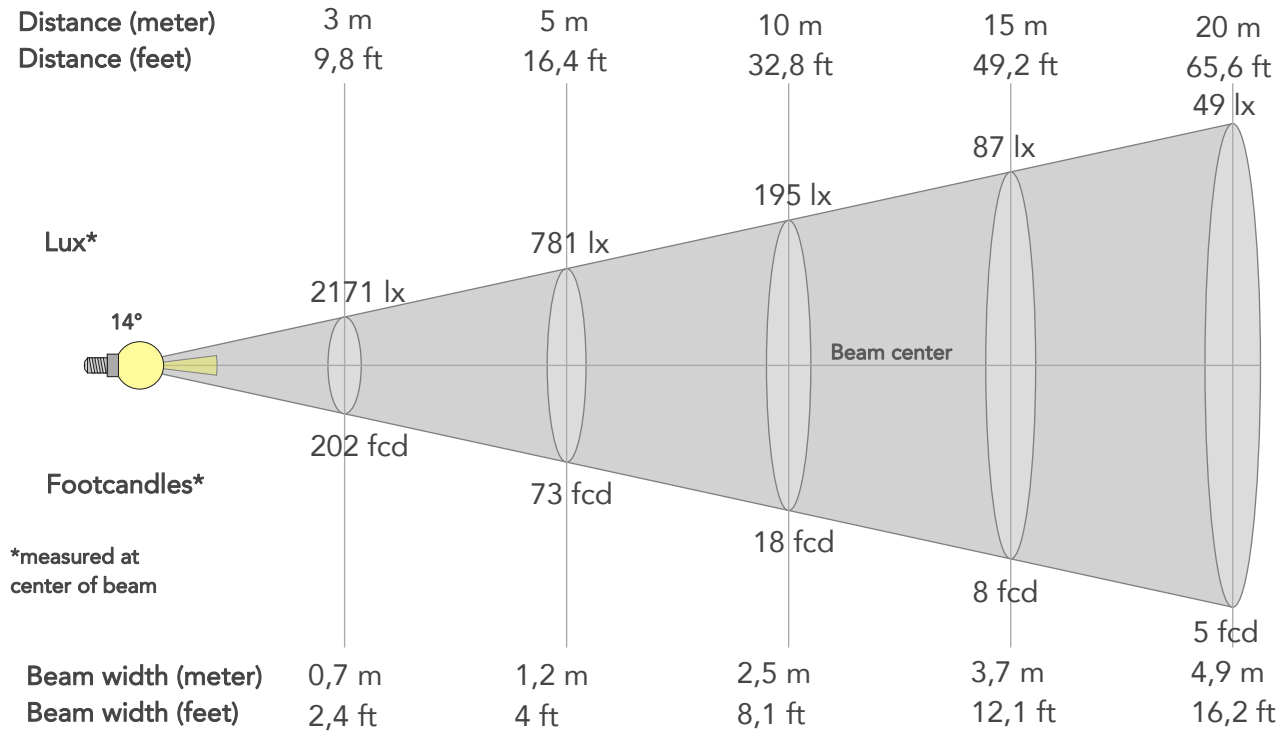
Cut off angle 2.5%: 37,3°

## Spectra



## BEAM DETAILS

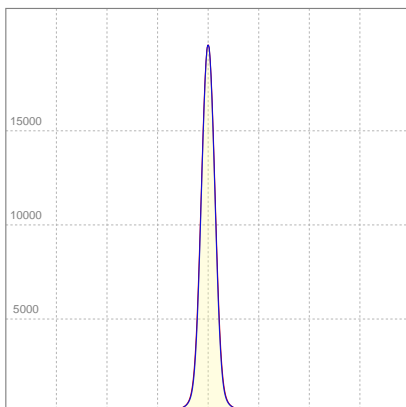
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14°	25,7°	37,3°	99,2%	97,6%



### 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	19536lx	4884lx	2171lx	1221lx	781lx	347lx	195lx	87lx	49lx	31lx	22lx	12lx	8lx
Footcand.	1815fcd	454fcd	202fcd	113fcd	73fcd	32fcd	18fcd	8fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,5m	3,7m	4,9m	6,2m	7,4m	9,9m	12,3m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6,1ft	8,1ft	12,1ft	16,2ft	20,2ft	24,2ft	32,3ft	40,4ft

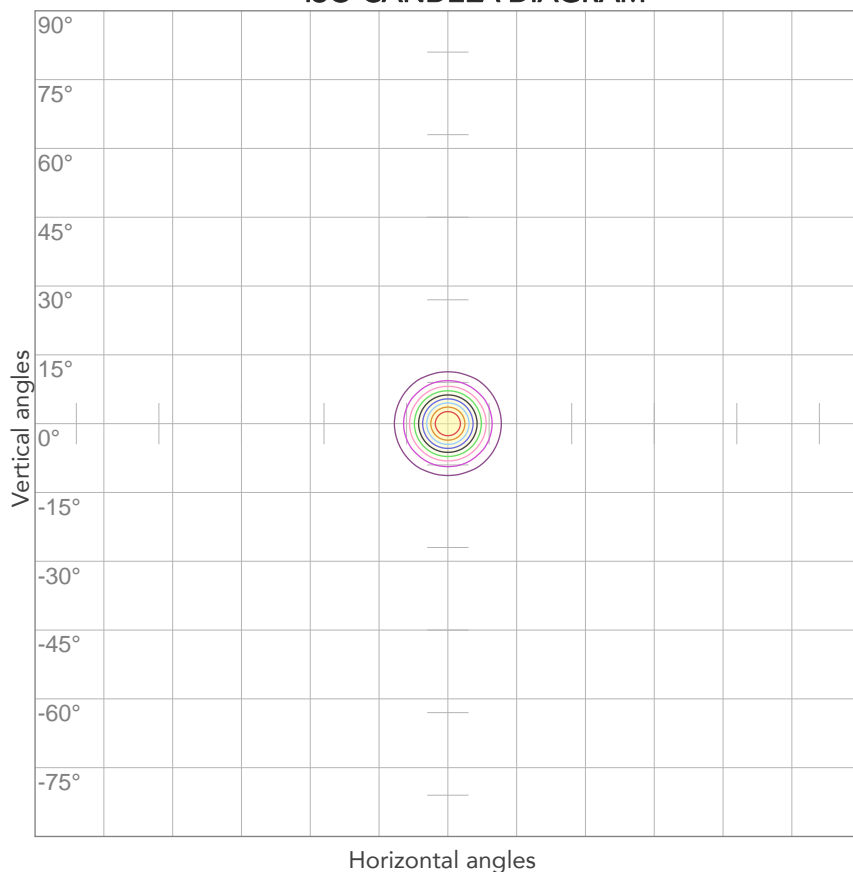
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,673A	118,5W	14lm/W
Power FC			
0,78			

## ISO CANDELA DIAGRAM



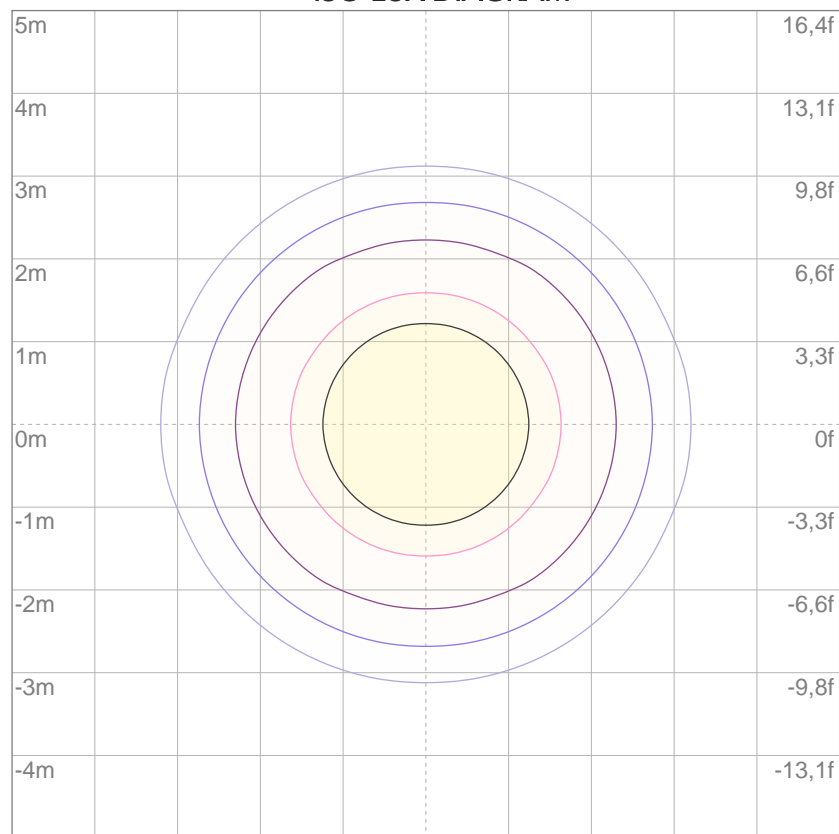
10%	1954 cd
20%	3907 cd
30%	5861 cd
40%	7814 cd
50%	9768 cd
60%	11722 cd
70%	13675 cd
80%	15629 cd

### Conditions:

Number of c-planes: 4

Candela at center: 19536 cd

## ISO LUX DIAGRAM



3%	5,86 lx
5%	9,77 lx
10%	19,5 lx
30%	58,6 lx
50%	97,7 lx

### Conditions:

Number of c-planes: 4

Lux at center: 195 lx

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



Total lumen output:

3204 lm

Peak candela output:

39080 cd

## PRODUCT NAME:

ArcPod96Q 2 Heads

## MEASURAMENT CONDITIONS:

Beam angle:

15°

Target:

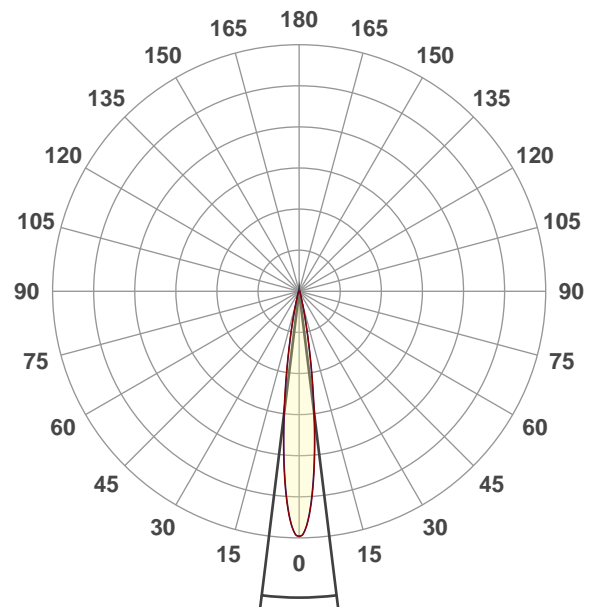
Blue

Operator:

Paolo Carvone

Date and time:

29/04/2020 16:40:21

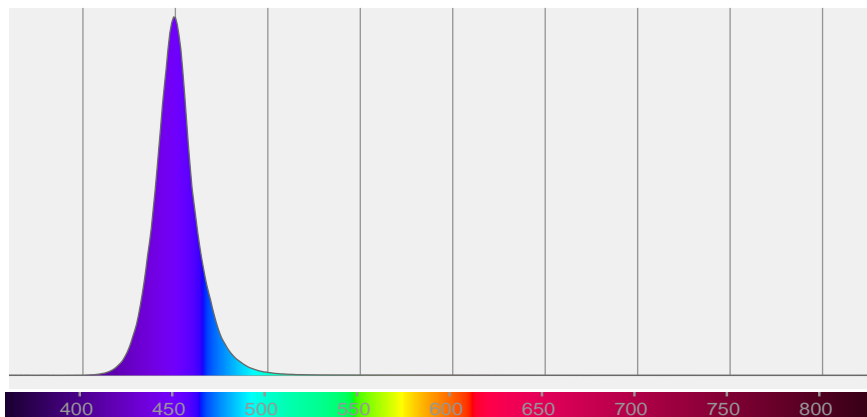


Beam angle 50%: 14°

Field angle 10%: 25,7°

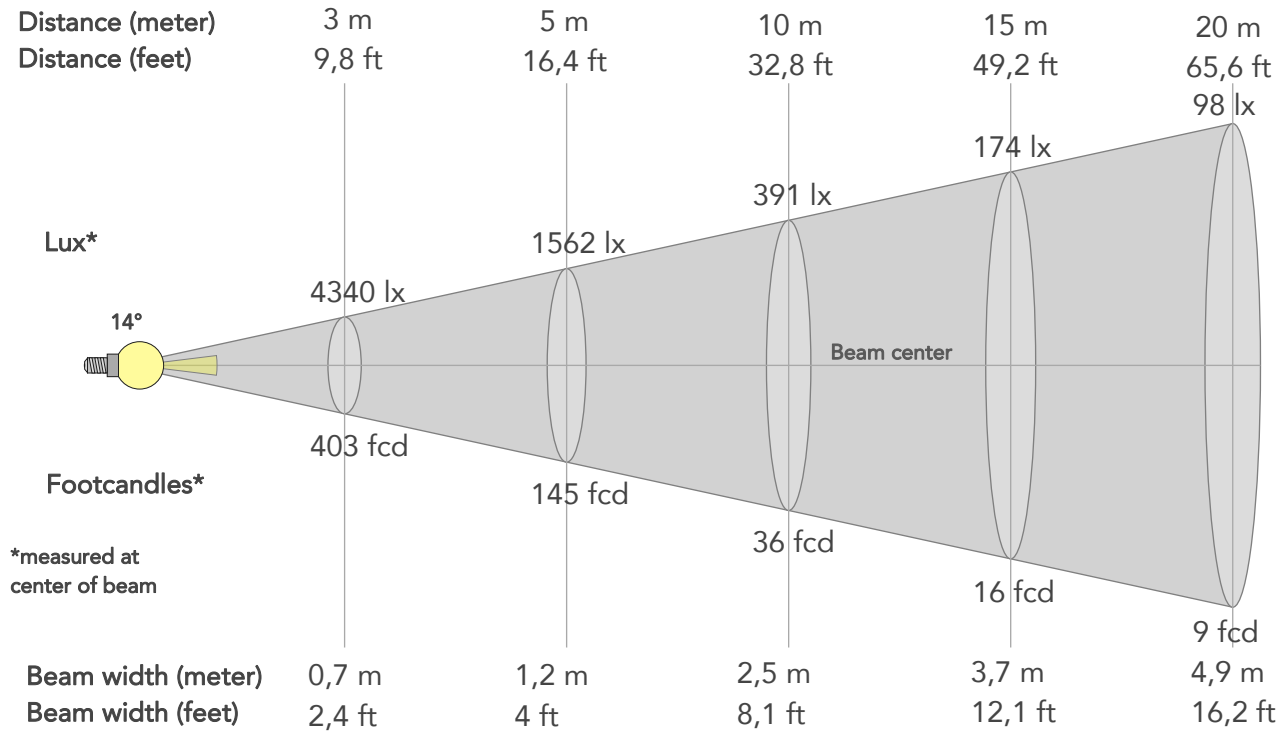
Cut off angle 2.5%: 37,3°

## Spectra



## BEAM DETAILS

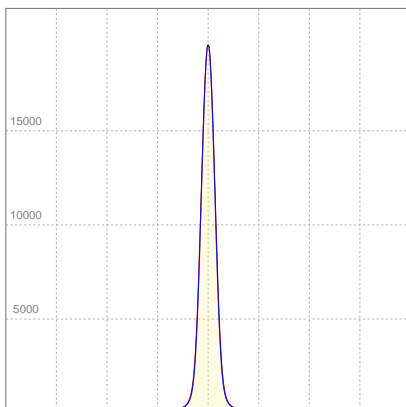
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14°	25,7°	37,3°	99,2%	97,6%



### 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	39062lx	9765lx	4340lx	2441lx	1562lx	694lx	391lx	174lx	98lx	62lx	43lx	24lx	16lx
Footcand.	3629fcd	907fcd	403fcd	227fcd	145fcd	65fcd	36fcd	16fcd	9fcd	6fcd	4fcd	2fcd	1fcd
Beam wid.	0,2m	0,5m	0,7m	1m	1,2m	1,8m	2,5m	3,7m	4,9m	6,2m	7,4m	9,9m	12,3m
Beam wid.	0,8ft	1,6ft	2,4ft	3,2ft	4ft	6,1ft	8,1ft	12,1ft	16,2ft	20,2ft	24,2ft	32,3ft	40,4ft

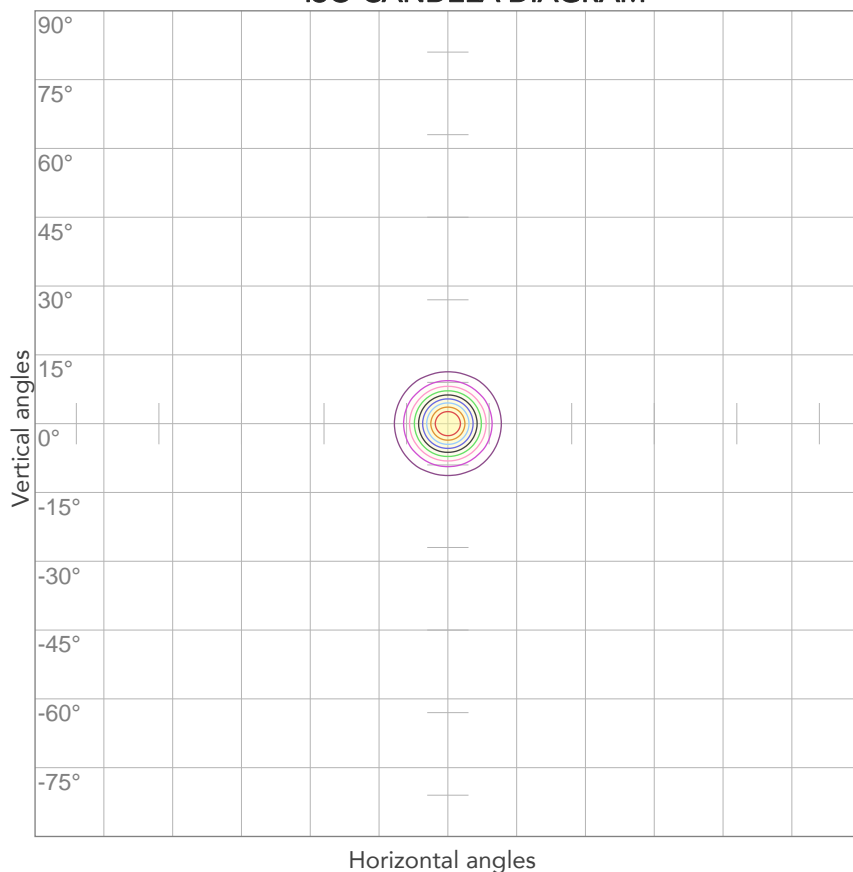
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,346A	237W	13,5lm/W
Power FC			
0,78			

## ISO CANDELA DIAGRAM



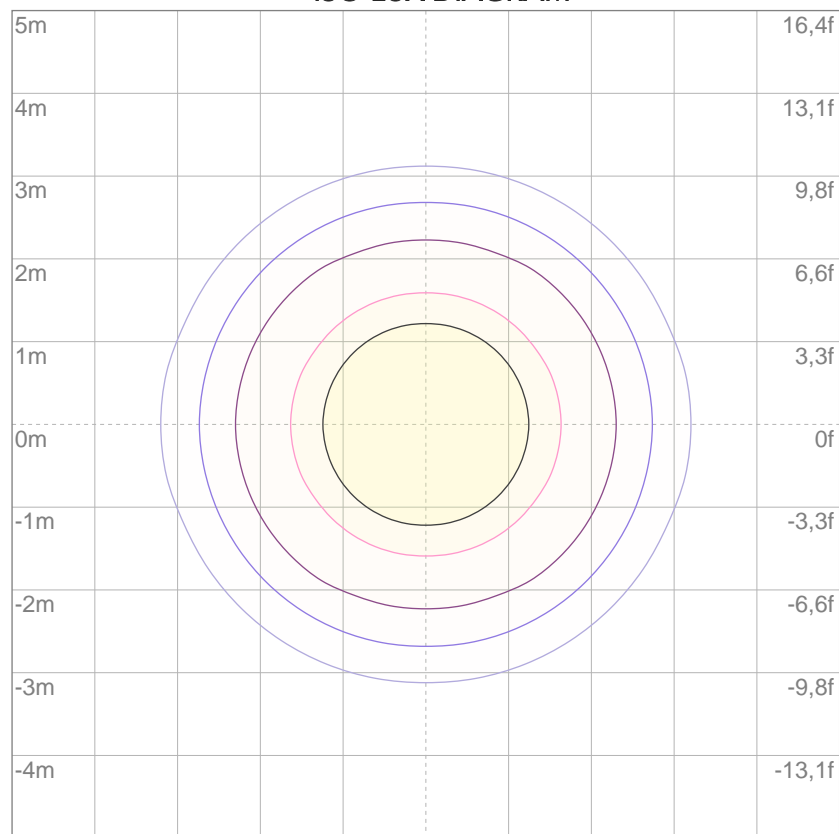
10%	3906 cd
20%	7812 cd
30%	11719 cd
40%	15625 cd
50%	19531 cd
60%	23437 cd
70%	27343 cd
80%	31249 cd

### Conditions:

Number of c-planes: 4

Candela at center: 39062 cd

## ISO LUX DIAGRAM



3%	11,7 lx
5%	19,5 lx
10%	39,1 lx
30%	117 lx
50%	195 lx

### Conditions:

Number of c-planes: 4

Lux at center: 391 lx

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





Total lumen output:

1463 lm

Peak candela output:

8225 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

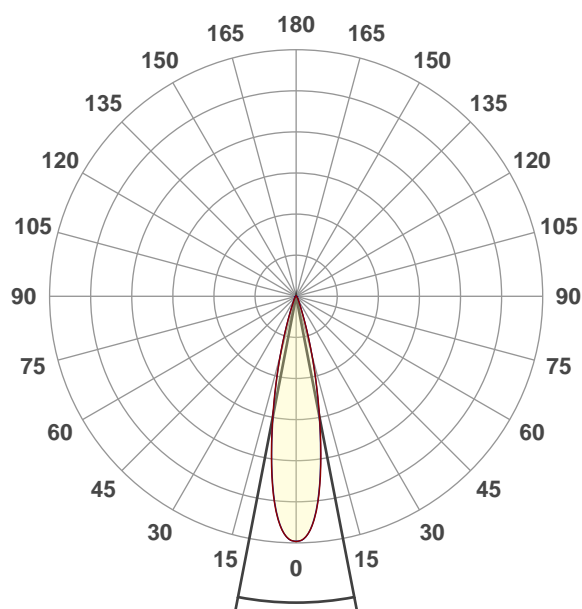
Blue

Operator:

Paolo Carvone

Date and time:

29/04/2020 14:58:59

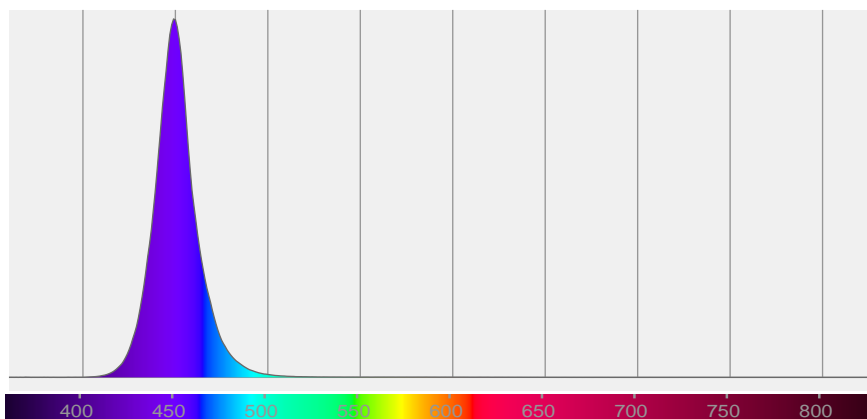


Beam angle 50%: 21,9°

Field angle 10%: 37,8°

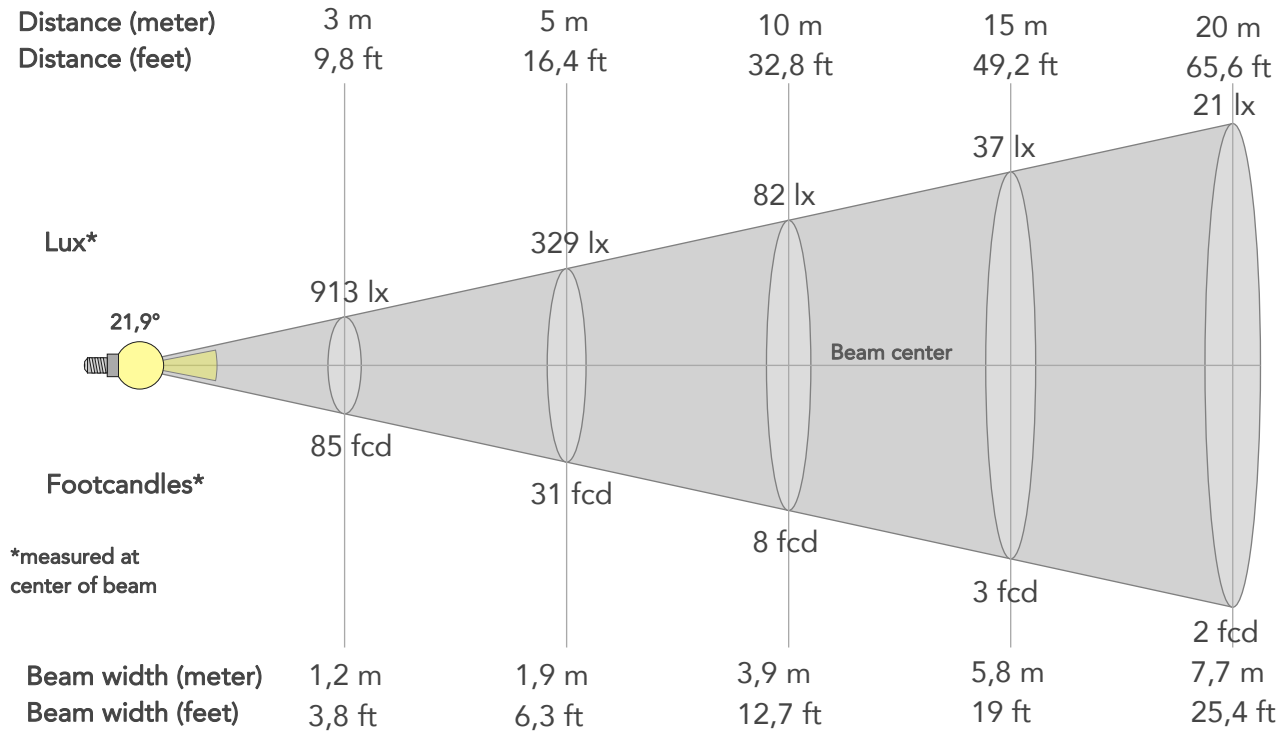
Cut off angle 2.5%: 53,5°

## Spectra



## BEAM DETAILS

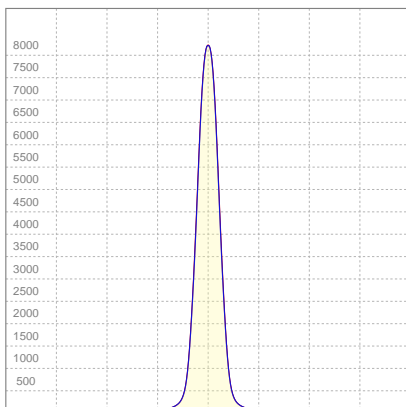
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,9°	37,8°	53,5°	98,8%	96,2%



### 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	8215lx	2054lx	913lx	513lx	329lx	146lx	82lx	37lx	21lx	13lx	9lx	5lx	3lx
Footcand.	763fcd	191fcd	85fcd	48fcd	31fcd	14fcd	8fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,2m	1,5m	1,9m	2,9m	3,9m	5,8m	7,7m	9,7m	11,6m	15,5m	19,3m
Beam wid.	1,3ft	2,6ft	3,8ft	5,1ft	6,3ft	9,5ft	12,7ft	19ft	25,4ft	31,7ft	38ft	50,7ft	63,4ft

### LINEAR DISTRIBUTION DIAGRAM

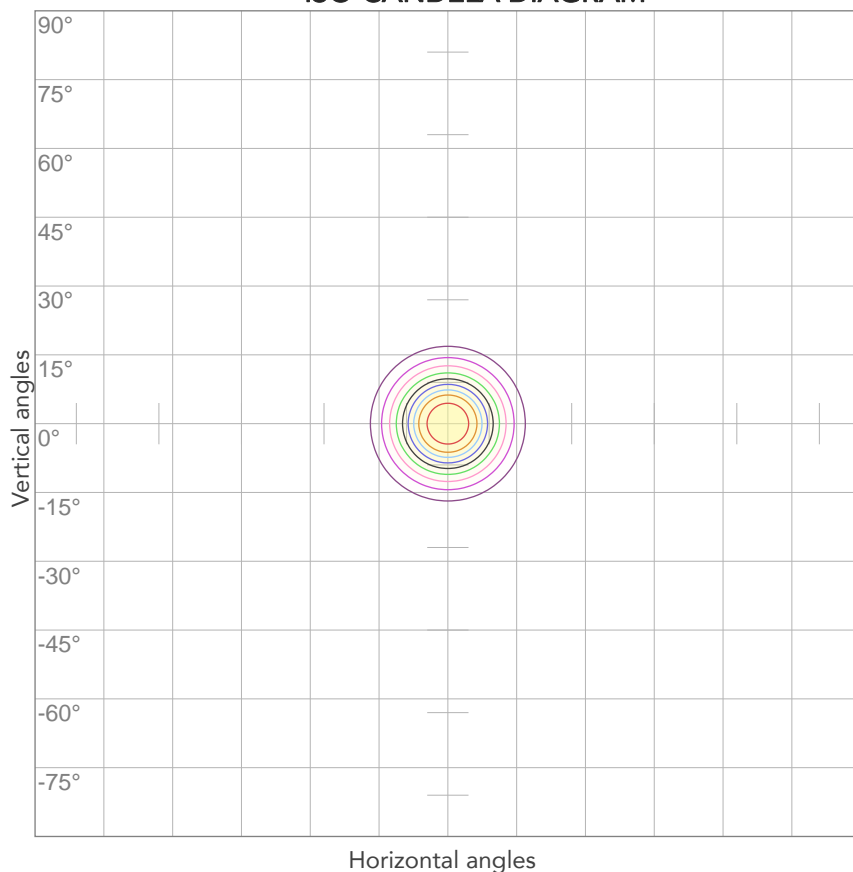


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,673A	118,4W	12lm/W

Power FC
0,78

## ISO CANDELA DIAGRAM



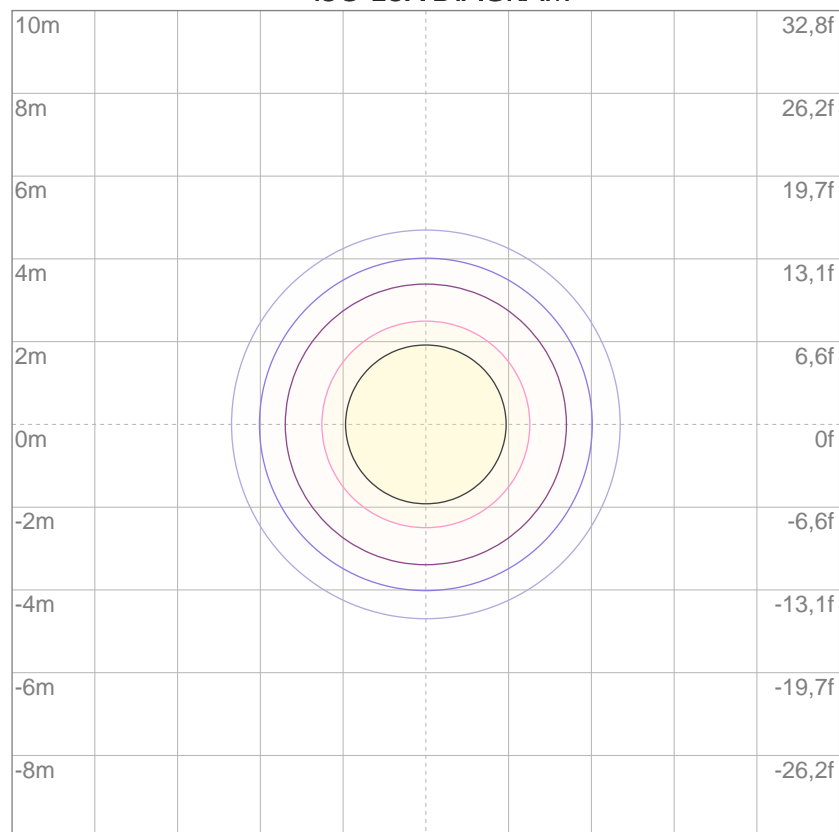
10%	822 cd
20%	1643 cd
30%	2465 cd
40%	3286 cd
50%	4108 cd
60%	4929 cd
70%	5751 cd
80%	6572 cd

### Conditions:

Number of c-planes: 4

Candela at center: 8215 cd

## ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	2,46 lx
5%	4,11 lx
10%	8,22 lx
30%	24,6 lx
50%	41,1 lx

### Conditions:

Number of c-planes: 4

Lux at center: 82,2 lx

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



Total lumen output:

2926 lm

Peak candela output:

16452 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

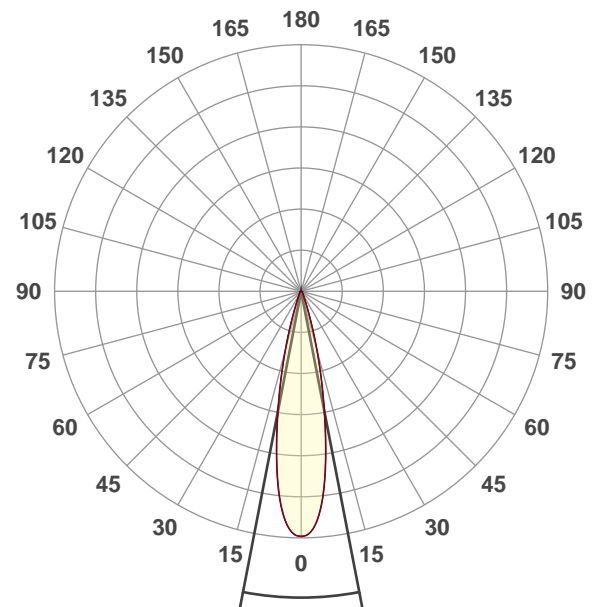
Blue

Operator:

Paolo Carvone

Date and time:

29/04/2020 14:58:59

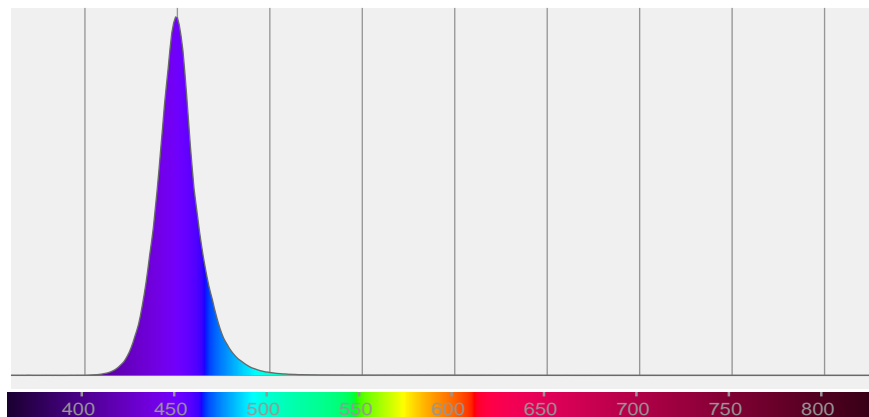


Beam angle 50%: 21,9°

Field angle 10%: 37,8°

Cut off angle 2.5%: 53,5°

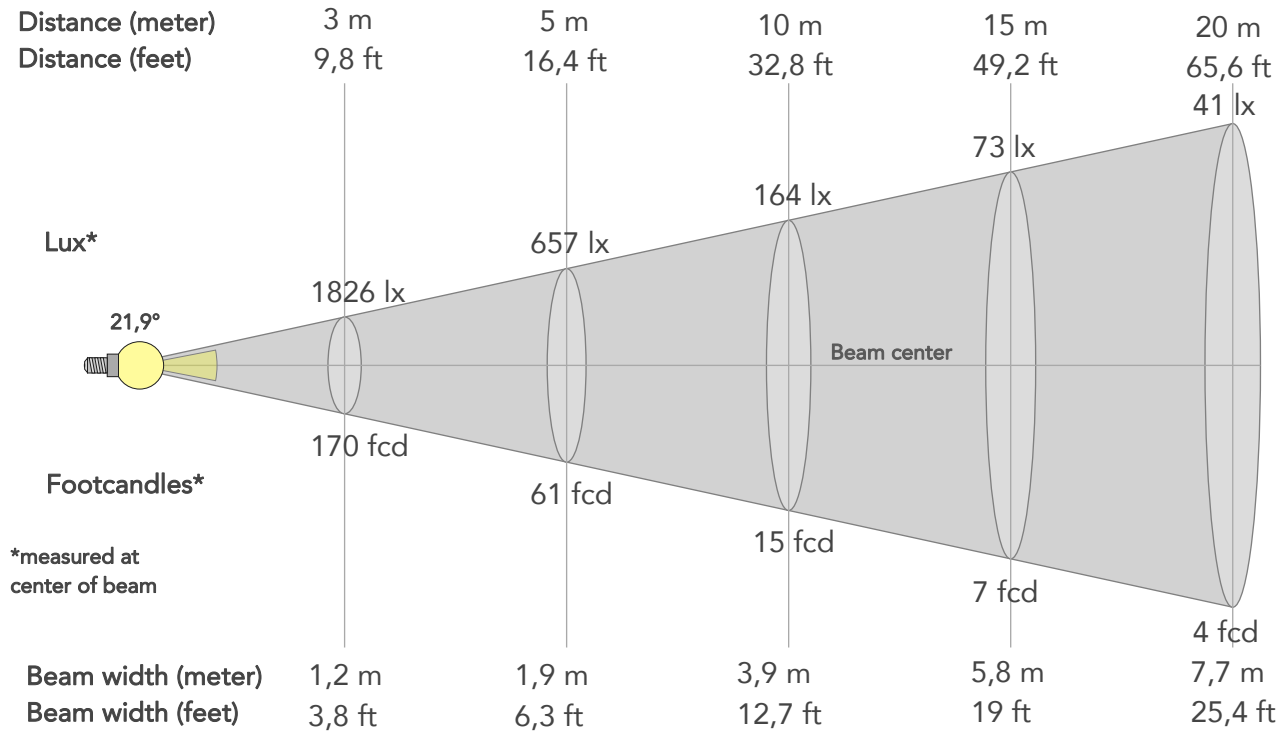
## Spectra



## BEAM DETAILS



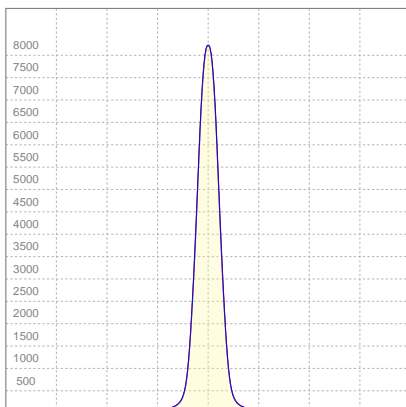
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,9°	37,8°	53,5°	98,8%	96,2%



### 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	16433lx	4108lx	1826lx	1027lx	657lx	292lx	164lx	73lx	41lx	26lx	18lx	10lx	7lx
Footcand.	1527fcd	382fcd	170fcd	95fcd	61fcd	27fcd	15fcd	7fcd	4fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,5m	1,9m	2,9m	3,9m	5,8m	7,7m	9,7m	11,6m	15,5m	19,3m
Beam wid.	1,3ft	2,6ft	3,8ft	5,1ft	6,3ft	9,5ft	12,7ft	19ft	25,4ft	31,7ft	38ft	50,7ft	63,4ft

### LINEAR DISTRIBUTION DIAGRAM

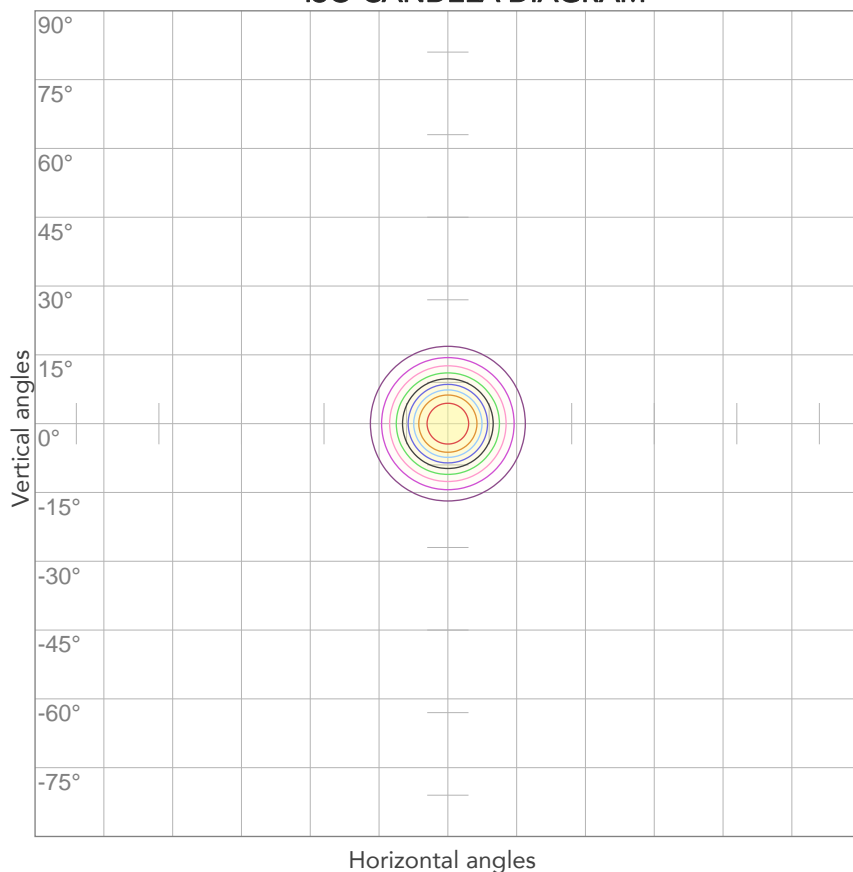


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,346A	237W	12.5lm/W

Power FC
0,78

## ISO CANDELA DIAGRAM



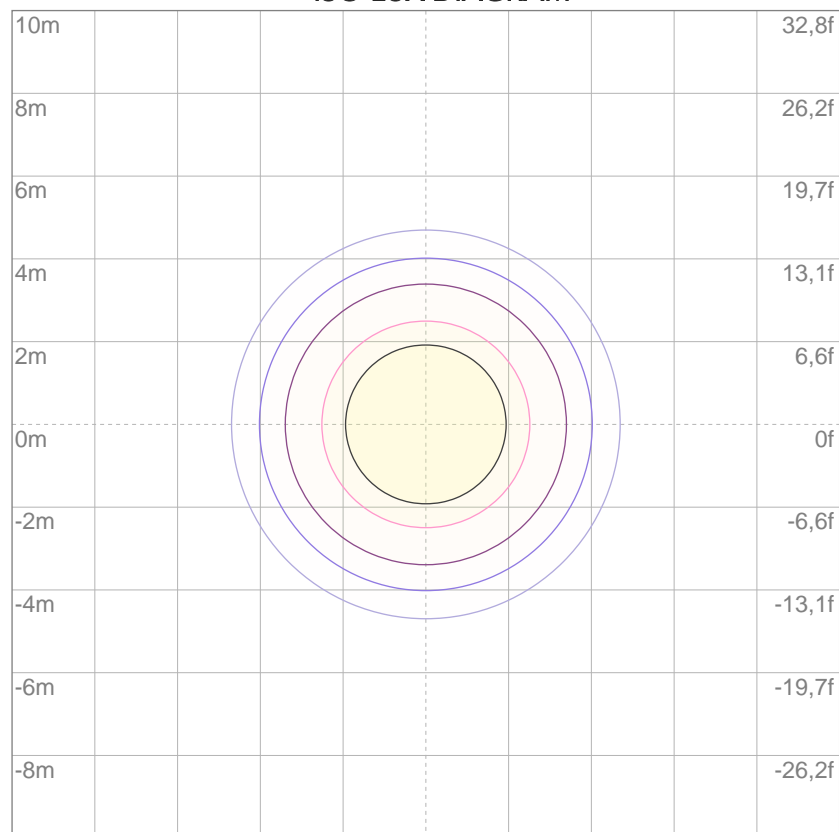
10%	1643 cd
20%	3287 cd
30%	4930 cd
40%	6573 cd
50%	8216 cd
60%	9860 cd
70%	11503 cd
80%	13146 cd

### Conditions:

Number of c-planes: 4

Candela at center: 16433 cd

## ISO LUX DIAGRAM



3%	4,93 lx
5%	8,22 lx
10%	16,4 lx
30%	49,3 lx
50%	82,2 lx

### Conditions:

Number of c-planes: 4

Lux at center: 164 lx

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



Total lumen output:

1256 lm

Peak candela output:

1870 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASURAMENT CONDITIONS:

Beam angle:

45°

Target:

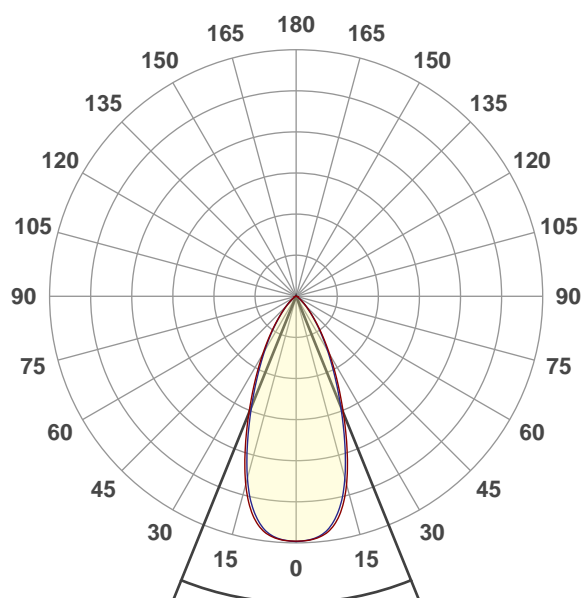
Blue

Operator:

Paolo Carvone

Date and time:

29/04/2020 13:23:51

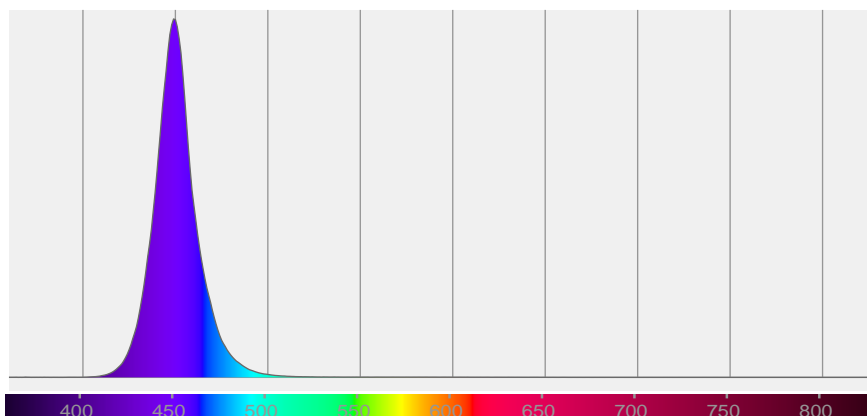


Beam angle 50%: 44,1°

Field angle 10%: 79,9°

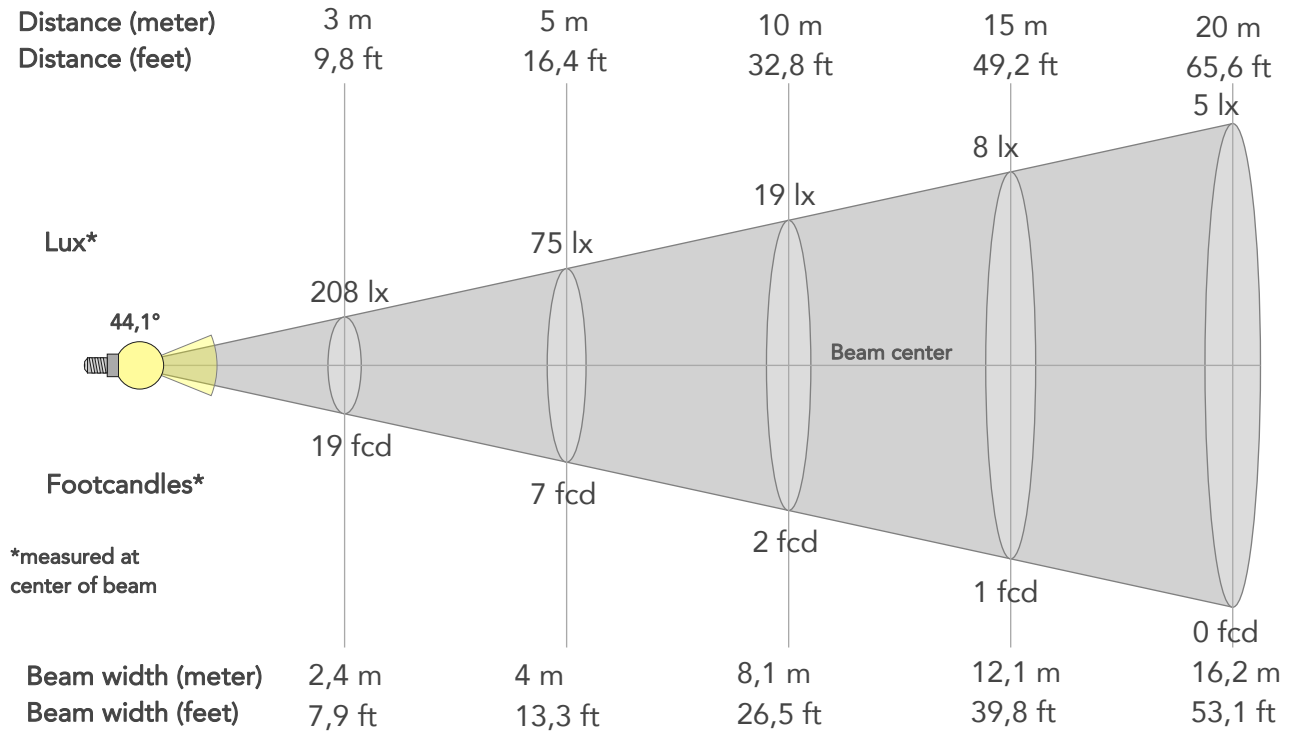
Cut off angle 2.5%: 103,6°

## Spectra



## BEAM DETAILS

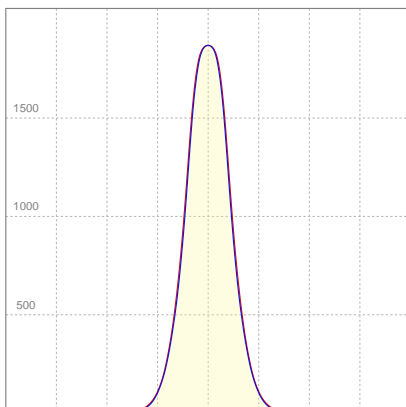
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44,1°	79,9°	103,6°	97,8%	92,9%



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	1869lx	467lx	208lx	117lx	75lx	33lx	19lx	8lx	5lx	3lx	2lx	1lx	1lx
Footcand.	174fcd	43fcd	19fcd	11fcd	7fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,6m	2,4m	3,2m	4m	6,1m	8,1m	12,1m	16,2m	20,2m	24,3m	32,4m	40,5m
Beam wid.	2,7ft	5,3ft	7,9ft	10,6ft	13,3ft	19,9ft	26,5ft	39,8ft	53,1ft	66,4ft	79,6ft	106,2ft	132,7ft

### LINEAR DISTRIBUTION DIAGRAM

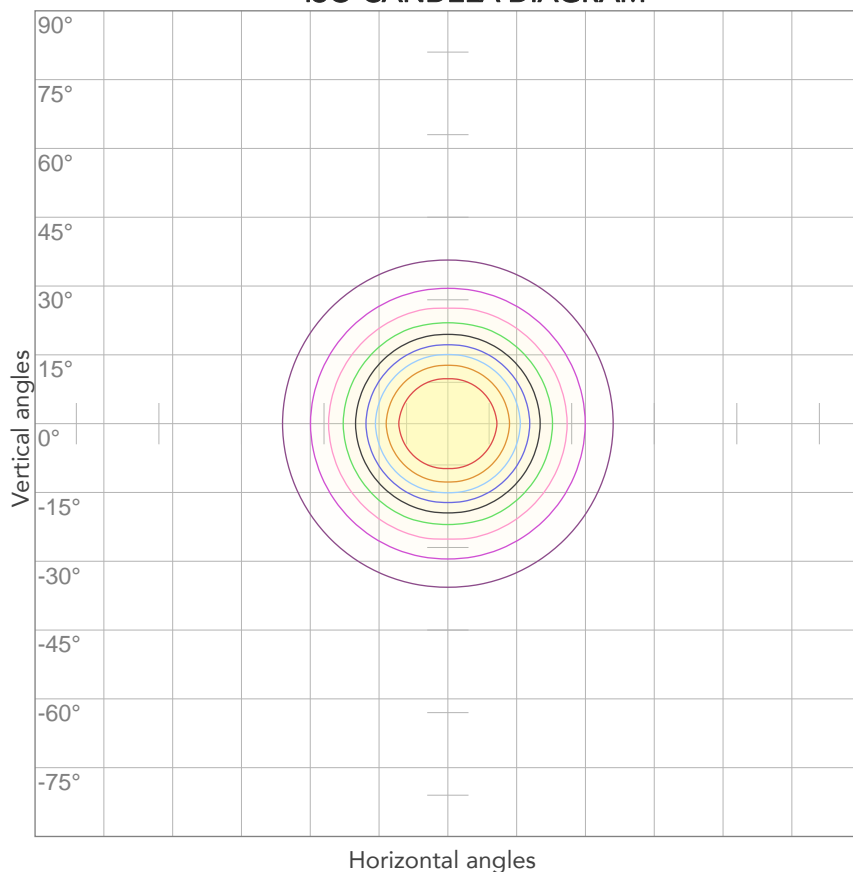


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,673A	118,4W	11lm/W
Power FC			
0,78			



## ISO CANDELA DIAGRAM



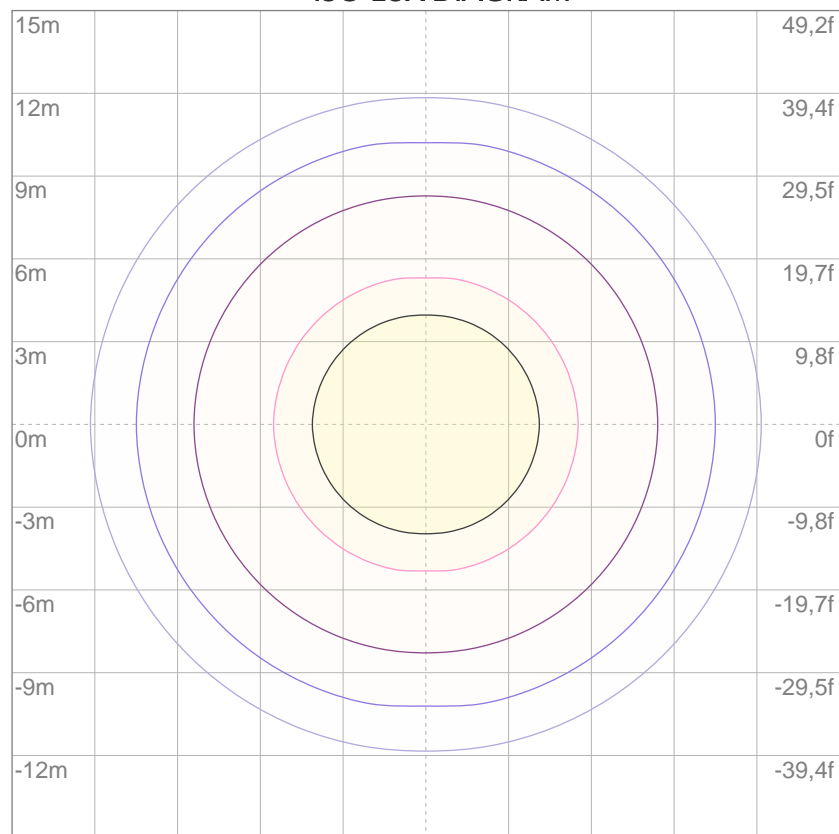
10%	187 cd
20%	374 cd
30%	561 cd
40%	748 cd
50%	935 cd
60%	1122 cd
70%	1308 cd
80%	1495 cd

### Conditions:

Number of c-planes: 4

Candela at center: 1869 cd

## ISO LUX DIAGRAM



3%	0,561 lx
5%	0,935 lx
10%	1,87 lx
30%	5,61 lx
50%	9,35 lx

### Conditions:

Number of c-planes: 4

Lux at center: 18,7 lx

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



Total lumen output:

2512 lm

Peak candela output:

3742 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASURAMENT CONDITIONS:

Beam angle:

45°

Target:

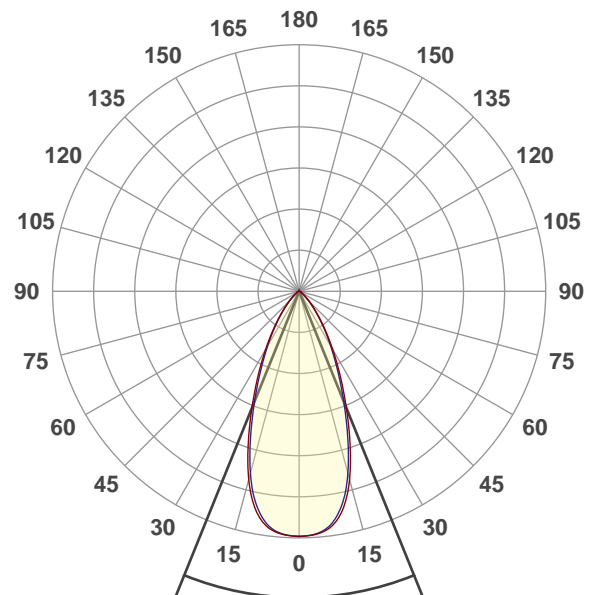
Blue

Operator:

Paolo Carvone

Date and time:

29/04/2020 13:23:51

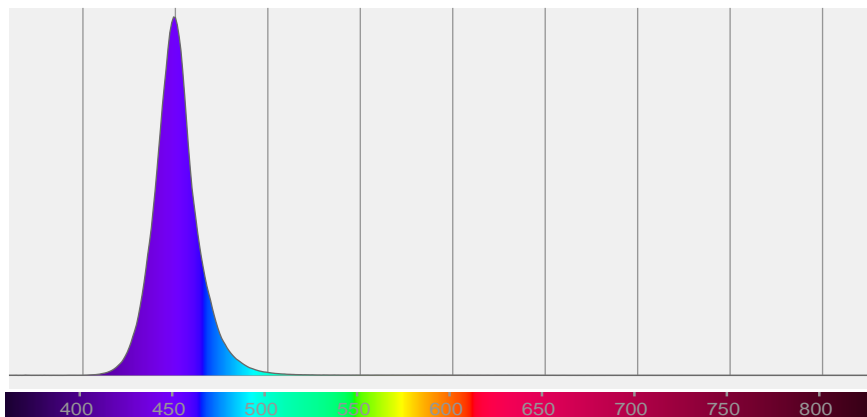


Beam angle 50%: 44,1°

Field angle 10%: 79,9°

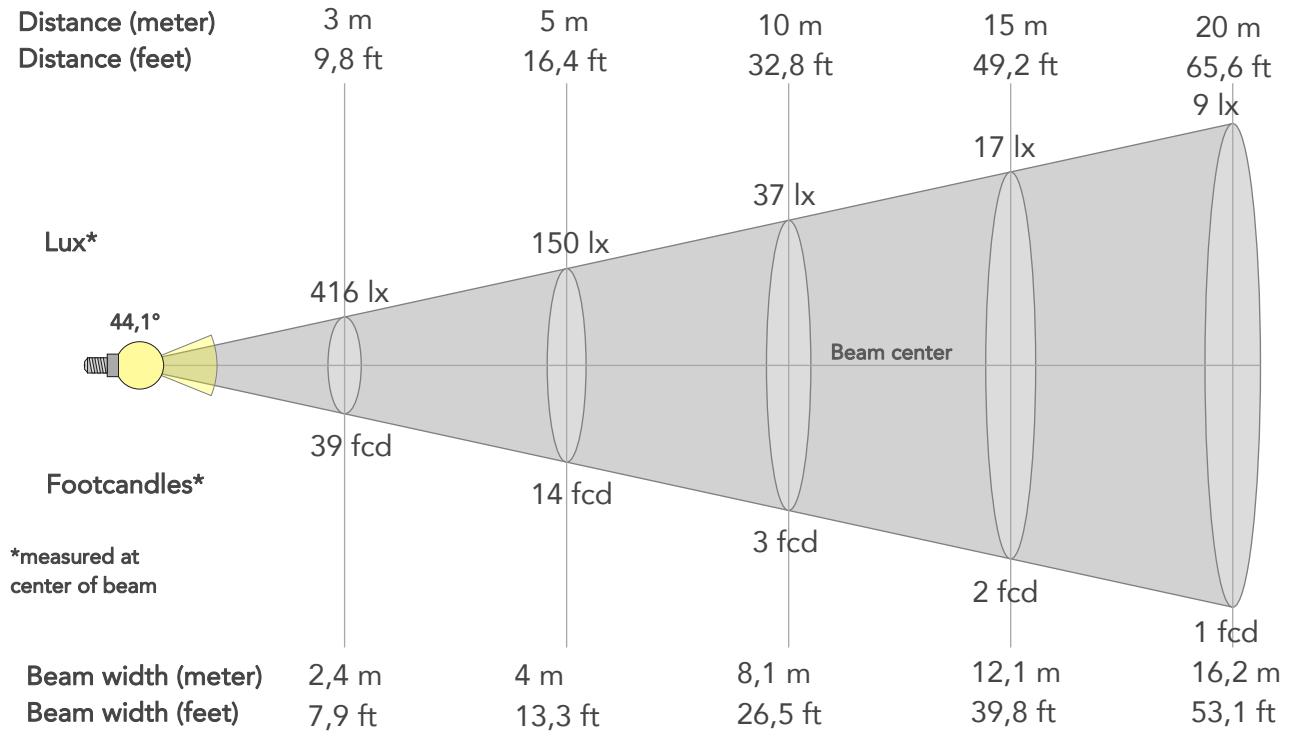
Cut off angle 2.5%: 103,6°

## Spectra



## BEAM DETAILS

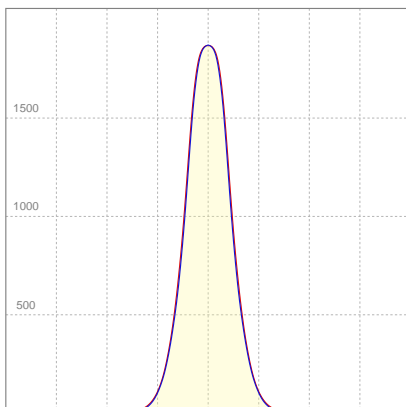
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
<b>44,1°</b>	<b>79,9°</b>	<b>103,6°</b>	<b>97,8%</b>	<b>92,9%</b>



### 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	3740lx	935lx	416lx	234lx	150lx	66lx	37lx	17lx	9lx	6lx	4lx	2lx	1lx
Footcand.	347fcd	87fcd	39fcd	22fcd	14fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,6m	2,4m	3,2m	4m	6,1m	8,1m	12,1m	16,2m	20,2m	24,3m	32,4m	40,5m
Beam wid.	2,7ft	5,3ft	7,9ft	10,6ft	13,3ft	19,9ft	26,5ft	39,8ft	53,1ft	66,4ft	79,6ft	106,2ft	132,7ft

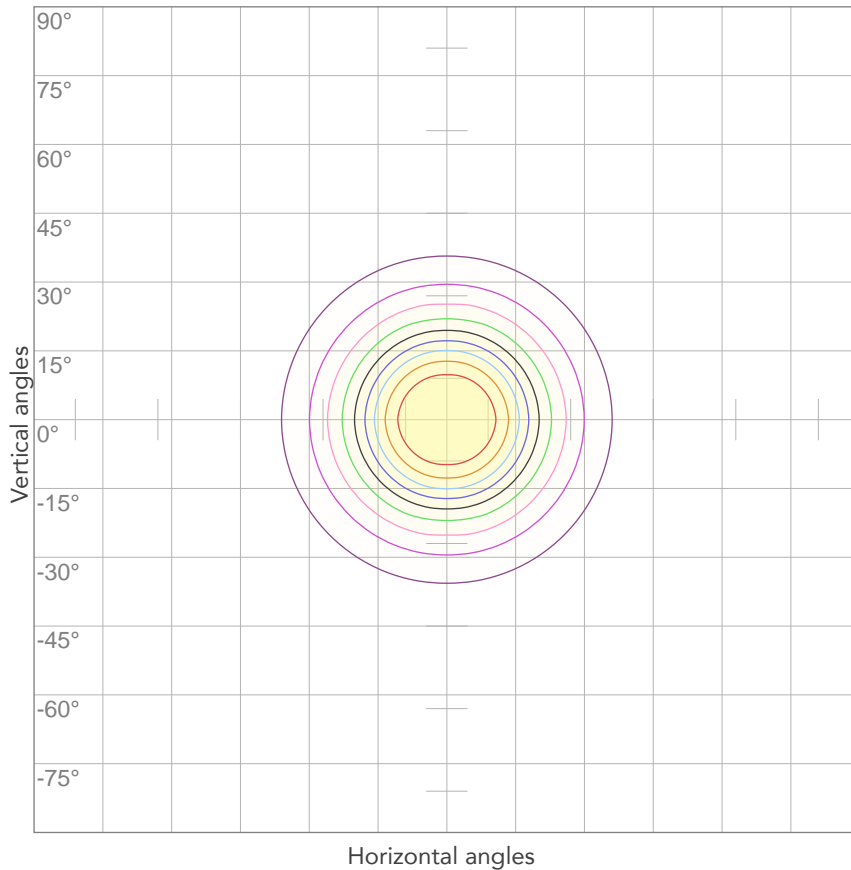
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
<b>226V</b>	<b>1,346A</b>	<b>237W</b>	<b>11,5lm/W</b>
Power FC			
<b>0,78</b>			

## ISO CANDELA DIAGRAM



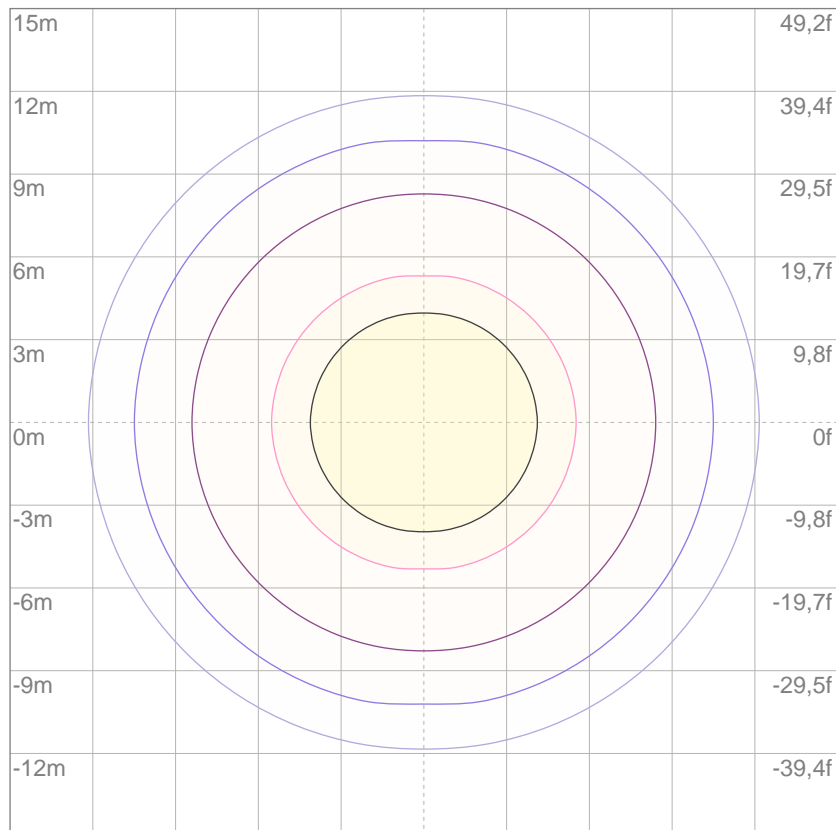
10%	374 cd
20%	748 cd
30%	1122 cd
40%	1496 cd
50%	1870 cd
60%	2244 cd
70%	2618 cd
80%	2992 cd

### Conditions:

Number of c-planes: 4

Candela at center: 3740 cd

## ISO LUX DIAGRAM



3%	1,12 lx
5%	1,87 lx
10%	3,74 lx
30%	11,2 lx
50%	18,7 lx

### Conditions:

Number of c-planes: 4

Lux at center: 37,4 lx

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



Total lumen output:

8305 lm

Peak candela output:

135872 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

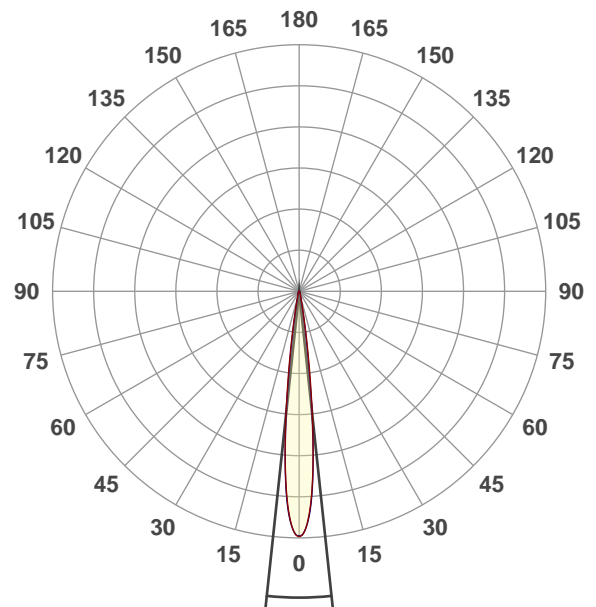
White

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:50:06

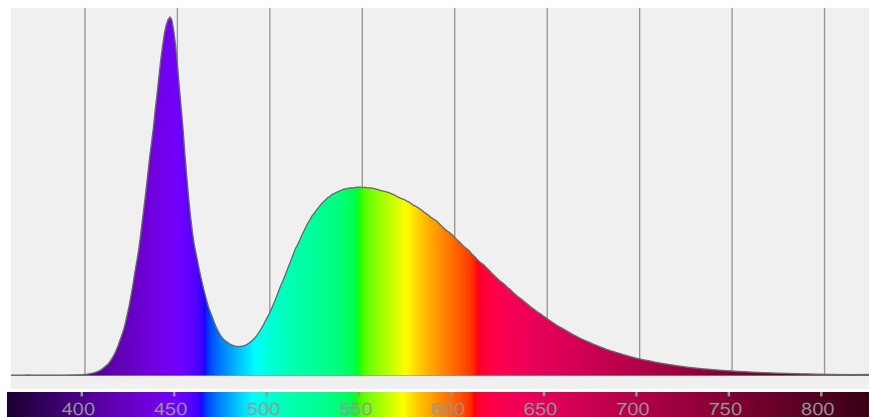


Beam angle 50%: 12,1°

Field angle 10%: 20,4°

Cut off angle 2.5%: 29,4°

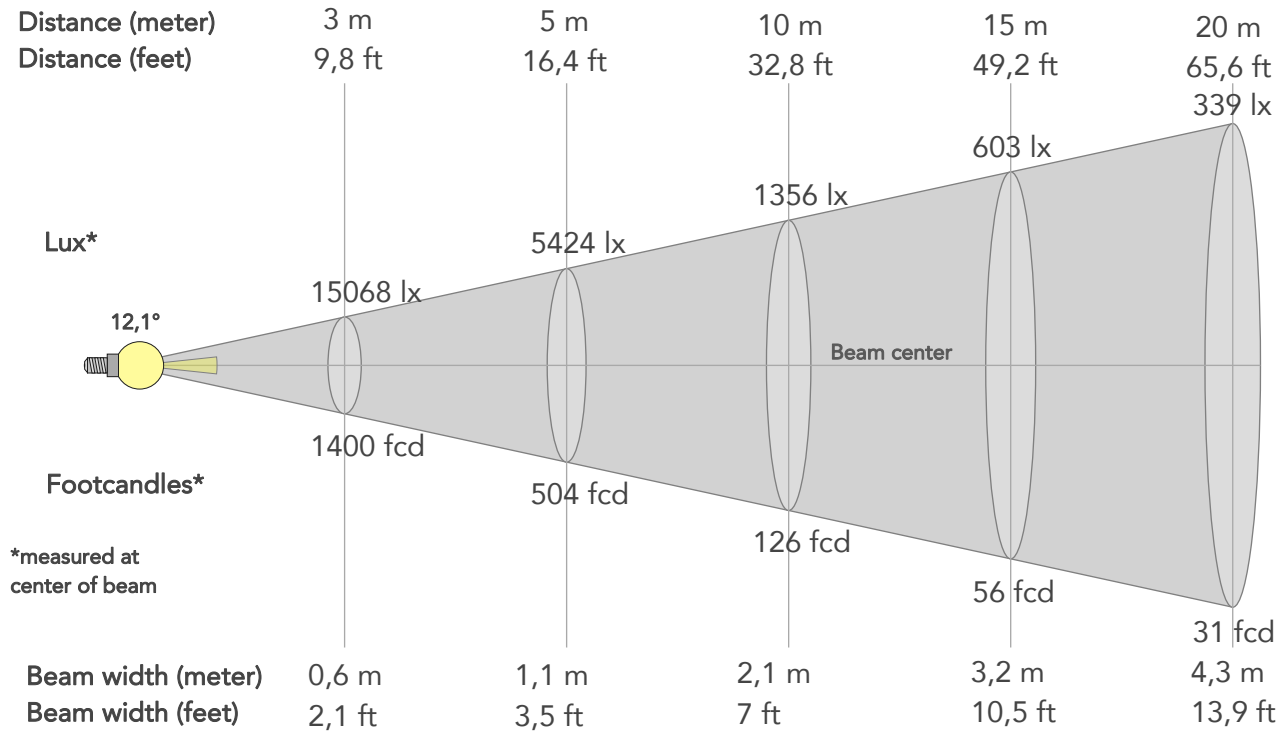
## Spectra



## BEAM DETAILS



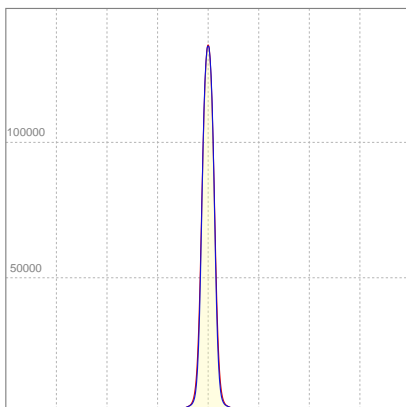
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,1°	20,4°	29,4°	99,0%	96,5%



### 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	135609lx	33902lx	15068lx	8476lx	5424lx	2411lx	1356lx	603lx	339lx	217lx	151lx	85lx	54lx
Footcand.	12599fcd	3150fcd	1400fcd	787fcd	504fcd	224fcd	126fcd	56fcd	31fcd	20fcd	14fcd	8fcd	5fcd
Beam wid.	0,2m	0,4m	0,6m	0,9m	1,1m	1,6m	2,1m	3,2m	4,3m	5,3m	6,4m	8,5m	10,6m
Beam wid.	0,7ft	1,4ft	2,1ft	2,8ft	3,5ft	5,2ft	7ft	10,5ft	13,9ft	17,4ft	20,9ft	27,9ft	34,9ft

### LINEAR DISTRIBUTION DIAGRAM

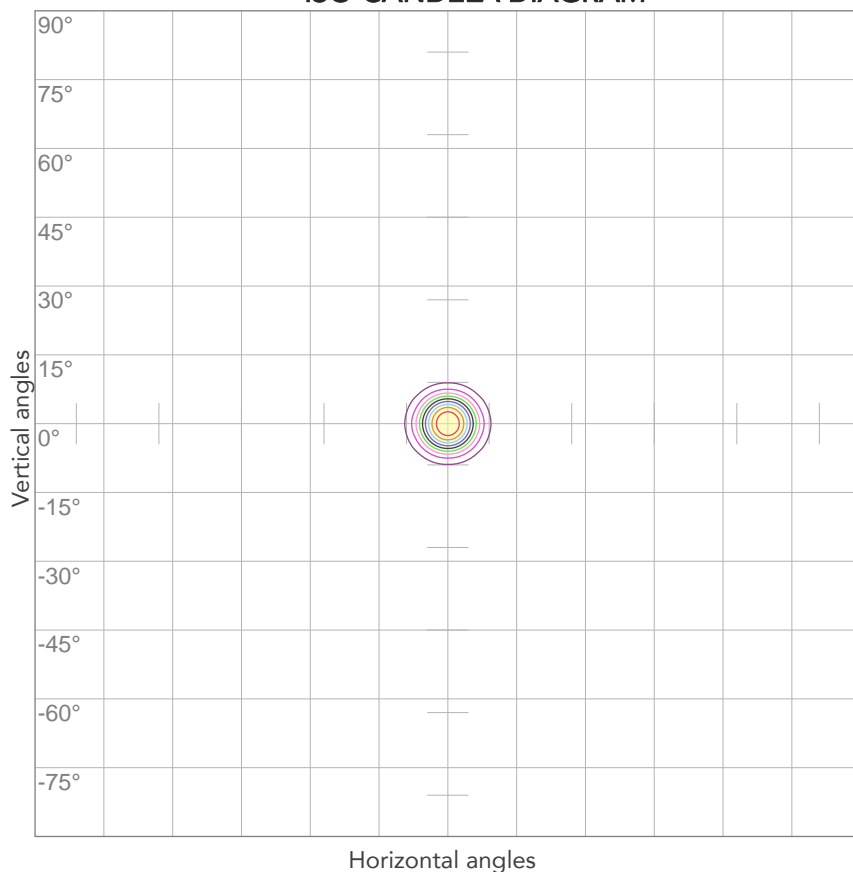


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,838A	160,2W	52lm/W

Power FC
0,85

## ISO CANDELA DIAGRAM



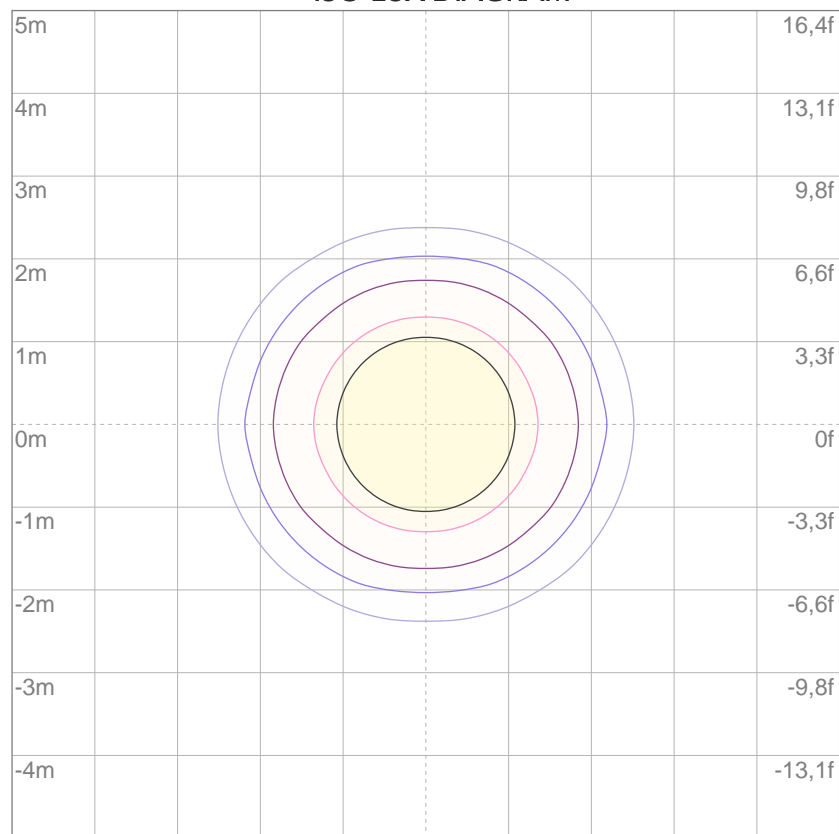
10%	13561 cd
20%	27122 cd
30%	40683 cd
40%	54244 cd
50%	67805 cd
60%	81366 cd
70%	94927 cd
80%	108487 cd

### Conditions:

Number of c-planes: 4

Candela at center: 135609 cd

## ISO LUX DIAGRAM



3%	40,7 lx
5%	67,8 lx
10%	136 lx
30%	407 lx
50%	678 lx

### Conditions:

Number of c-planes: 4

Lux at center: 1356 lx

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



Total lumen output:

16610 lm

Peak candela output:

271748 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

10°

Target:

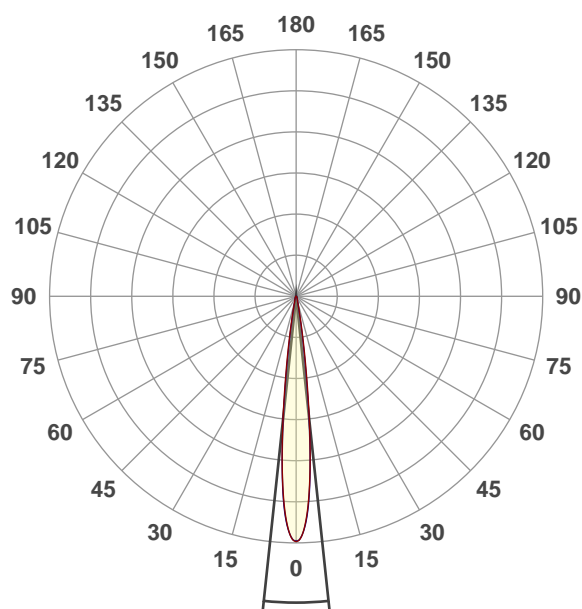
White

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:50:06

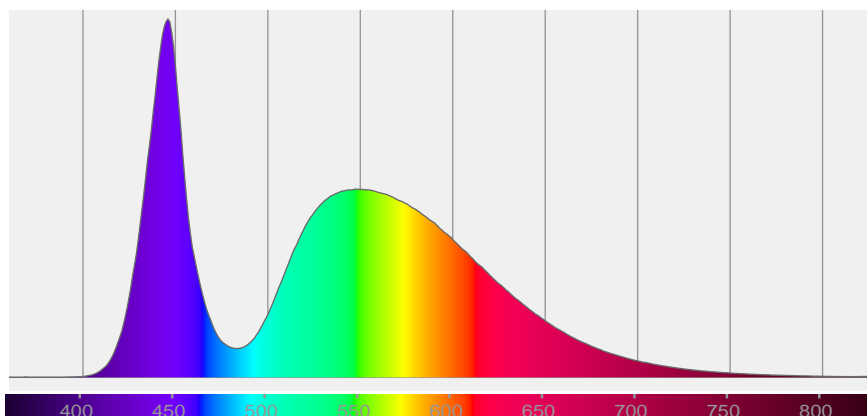


Beam angle 50%: 12,1°

Field angle 10%: 20,4°

Cut off angle 2.5%: 29,4°

## Spectra

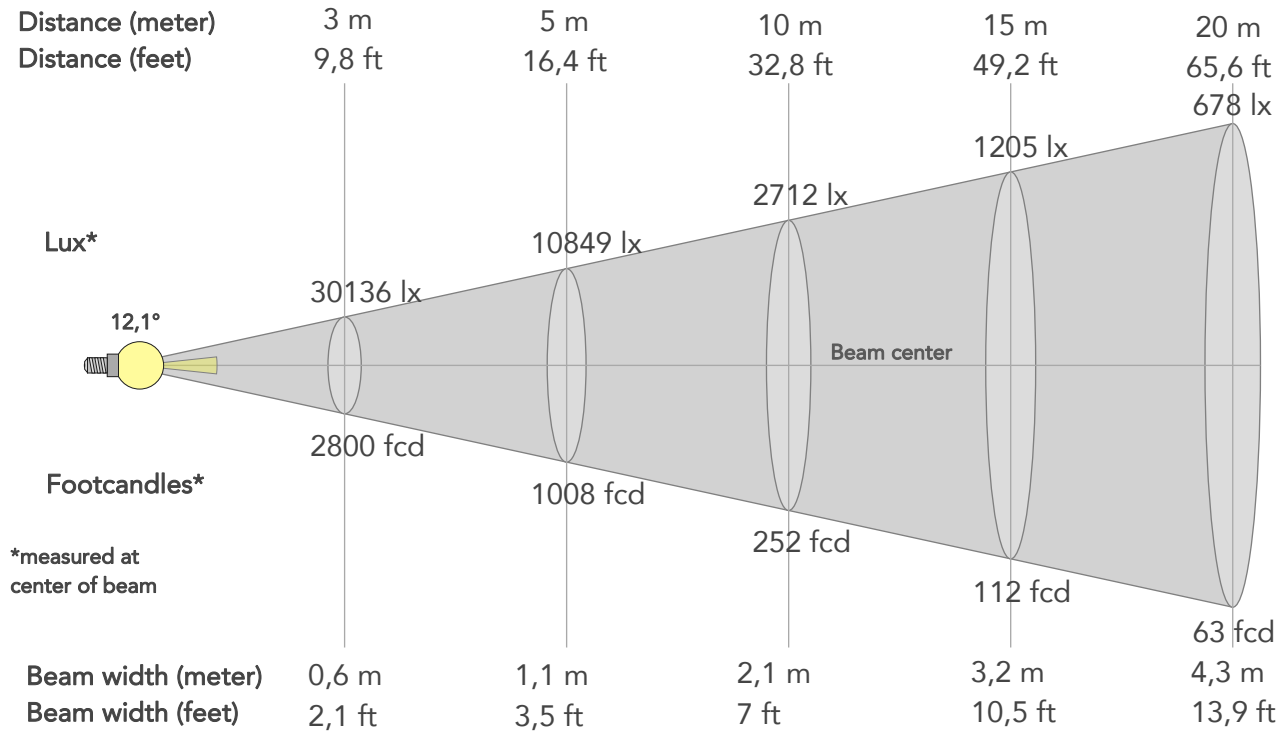




## BEAM DETAILS



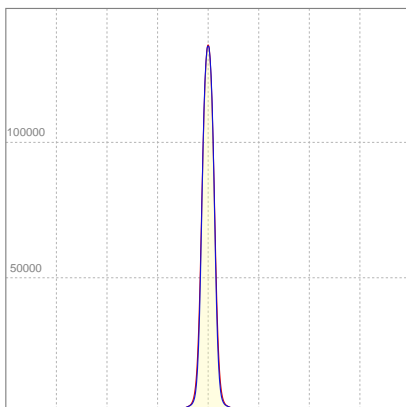
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,1°	20,4°	29,4°	99,0%	96,5%



### 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	271224lx	67806lx	30136lx	16951lx	10849lx	4822lx	2712lx	1205lx	678lx	434lx	301lx	170lx	108lx
Footcand.	25197fcd	6299fcd	2800fcd	1575fcd	1008fcd	448fcd	252fcd	112fcd	63fcd	40fcd	28fcd	16fcd	10fcd
Beam wid.	0,2m	0,4m	0,6m	0,9m	1,1m	1,6m	2,1m	3,2m	4,3m	5,3m	6,4m	8,5m	10,6m
Beam wid.	0,7ft	1,4ft	2,1ft	2,8ft	3,5ft	5,2ft	7ft	10,5ft	13,9ft	17,4ft	20,9ft	27,9ft	34,9ft

### LINEAR DISTRIBUTION DIAGRAM

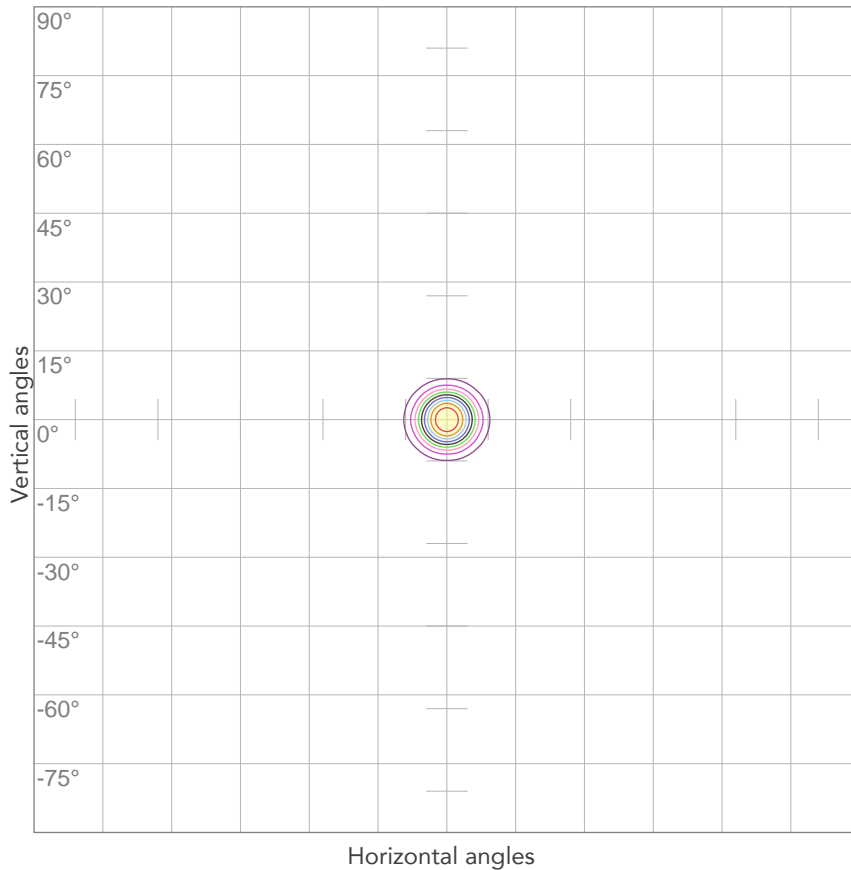


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,676A	320,4W	52lm/W

Power FC
0,85

## ISO CANDELA DIAGRAM



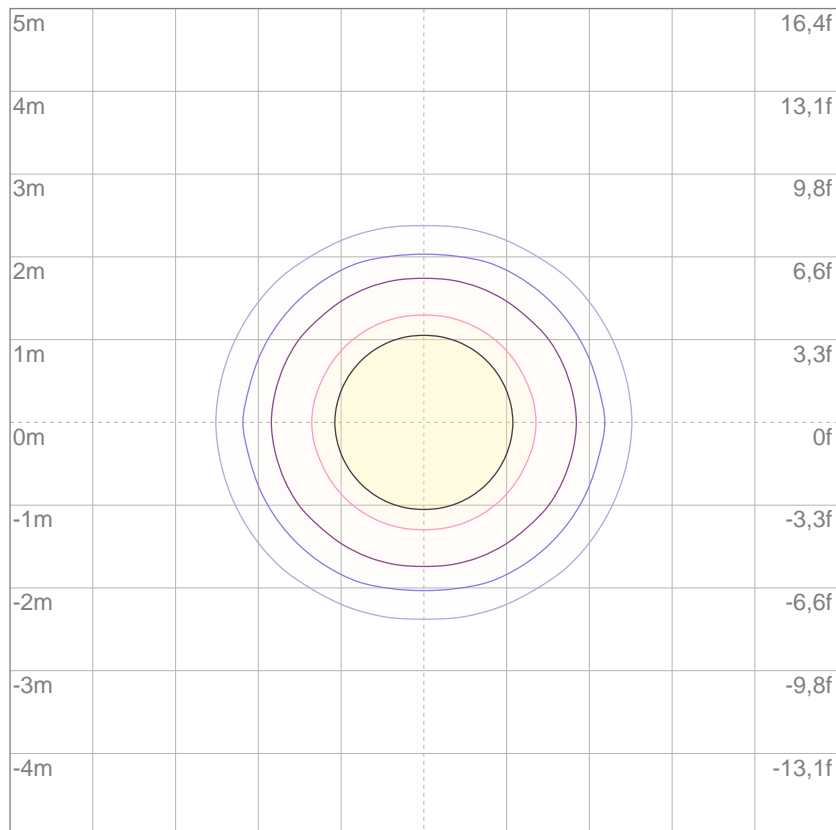
10%	27122 cd
20%	54245 cd
30%	81367 cd
40%	108489 cd
50%	135612 cd
60%	162734 cd
70%	189857 cd
80%	216979 cd

### Conditions:

Number of c-planes: 4

Candela at center: 271224 cd

## ISO LUX DIAGRAM



3%	81,4 lx
5%	136 lx
10%	271 lx
30%	814 lx
50%	1356 lx

### Conditions:

Number of c-planes: 4

Lux at center: 2712 lx

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



Total lumen output:

10070 lm

Peak candela output:

111948 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

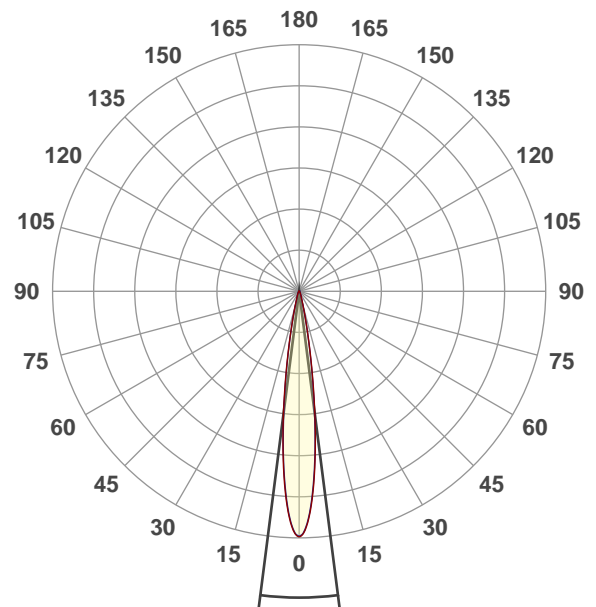
White

Operator:

Paolo Carvone

Date and time:

29/04/2020 16:44:58

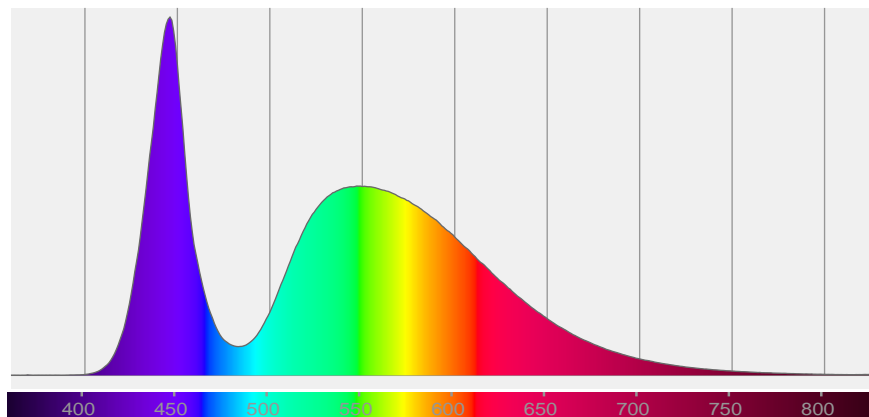


Beam angle 50%: 14,6°

Field angle 10%: 26,6°

Cut off angle 2.5%: 39,8°

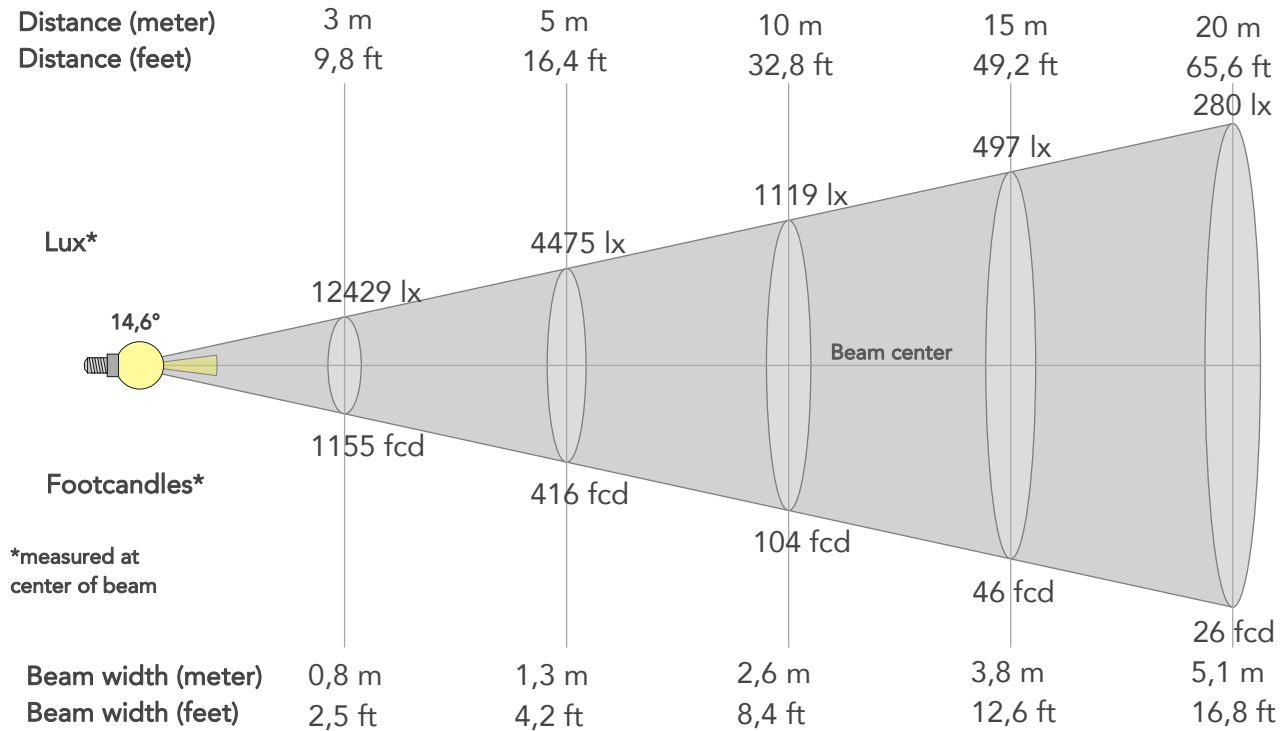
## Spectra



## BEAM DETAILS



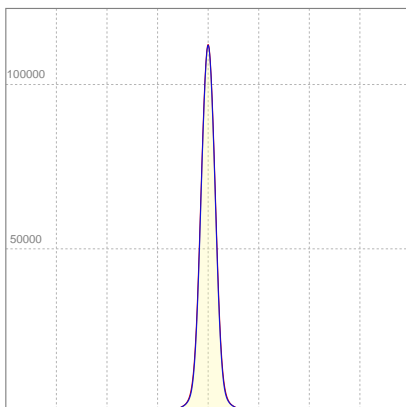
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,6°	26,6°	39,8°	99,2%	97,2%



### 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	111865lx	27966lx	12429lx	6992lx	4475lx	1989lx	1119lx	497lx	280lx	179lx	124lx	70lx	45lx
Footcand.	10393fcd	2598fcd	1155fcd	650fcd	416fcd	185fcd	104fcd	46fcd	26fcd	17fcd	12fcd	6fcd	4fcd
Beam wid.	0,3m	0,5m	0,8m	1m	1,3m	1,9m	2,6m	3,8m	5,1m	6,4m	7,7m	10,2m	12,8m
Beam wid.	0,8ft	1,7ft	2,5ft	3,3ft	4,2ft	6,3ft	8,4ft	12,6ft	16,8ft	20,9ft	25,1ft	33,5ft	41,9ft

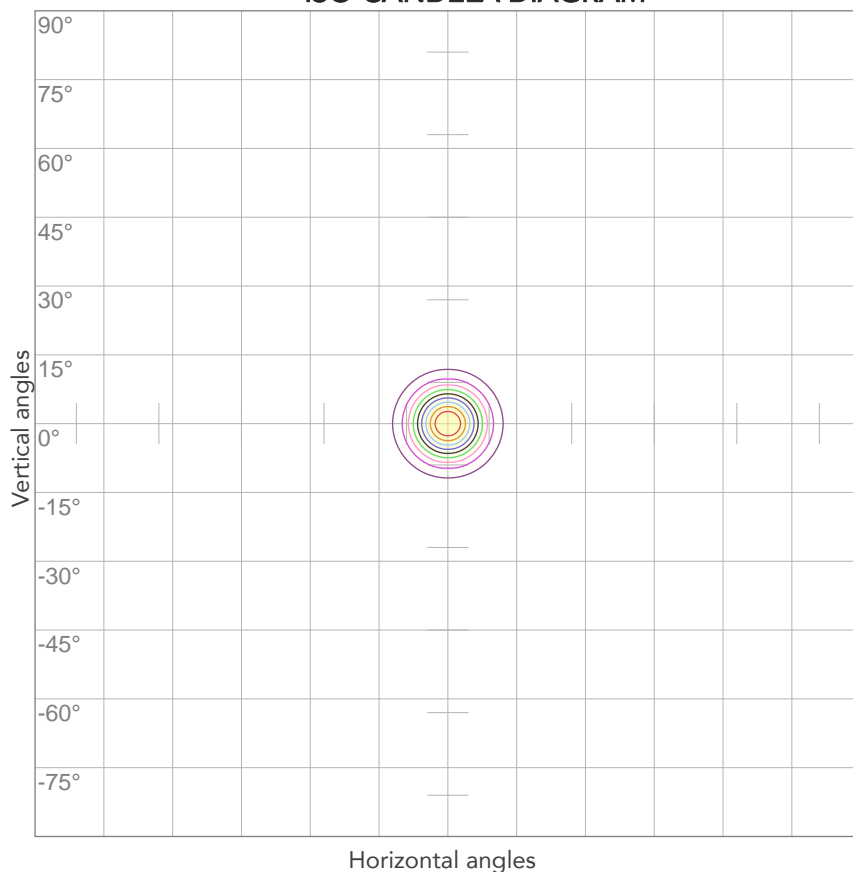
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,839A	160,3W	63lm/W
Power FC			
0,84			

## ISO CANDELA DIAGRAM



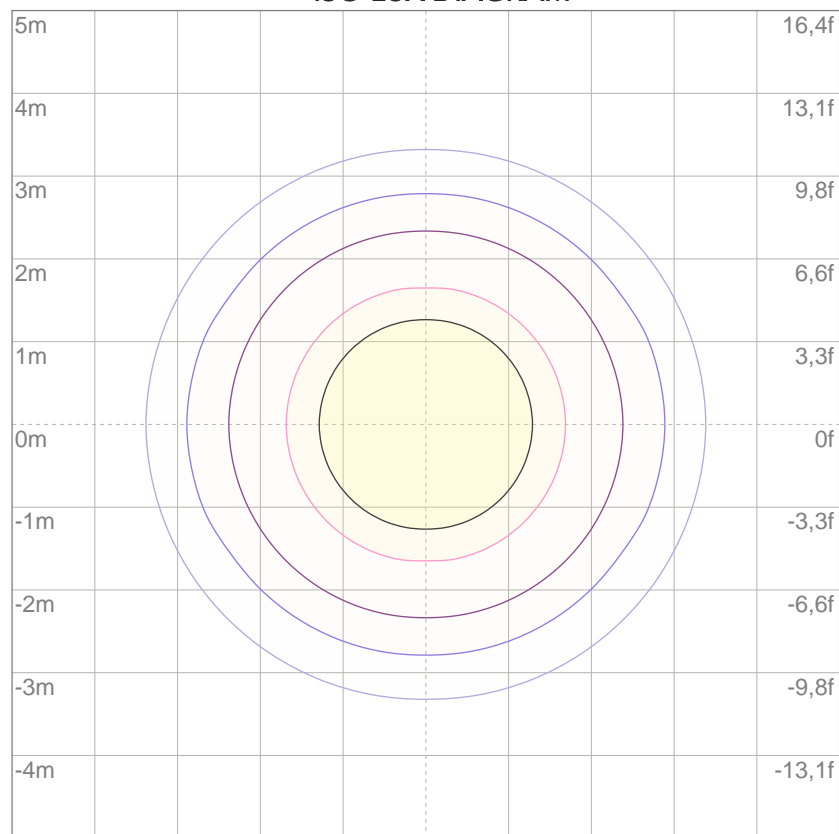
10%	11187 cd
20%	22373 cd
30%	33560 cd
40%	44746 cd
50%	55933 cd
60%	67119 cd
70%	78306 cd
80%	89492 cd

### Conditions:

Number of c-planes: 4

Candela at center: 111865 cd

## ISO LUX DIAGRAM



3%	33,6 lx
5%	55,9 lx
10%	112 lx
30%	336 lx
50%	559 lx

### Conditions:

Number of c-planes: 4

Lux at center: 1119 lx

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



Total lumen output:

20140 lm

Peak candela output:

223900 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

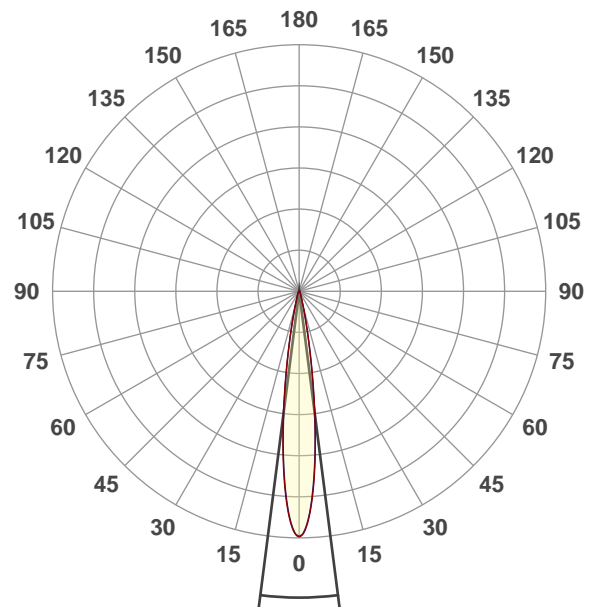
White

Operator:

Paolo Carvone

Date and time:

29/04/2020 16:44:58

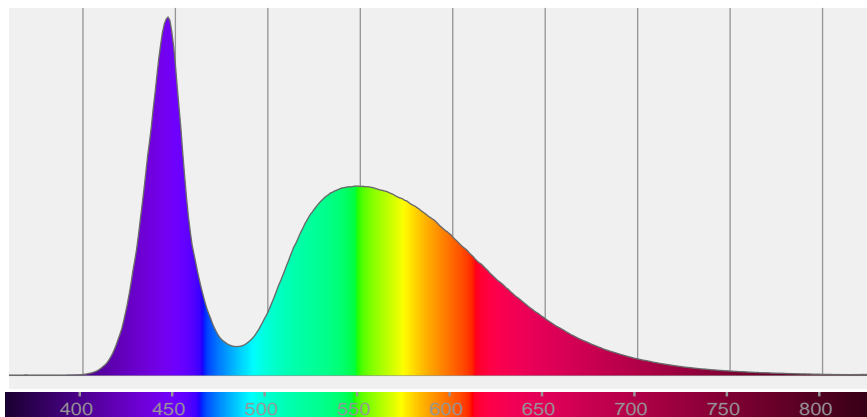


Beam angle 50%: 14,6°

Field angle 10%: 26,6°

Cut off angle 2.5%: 39,8°

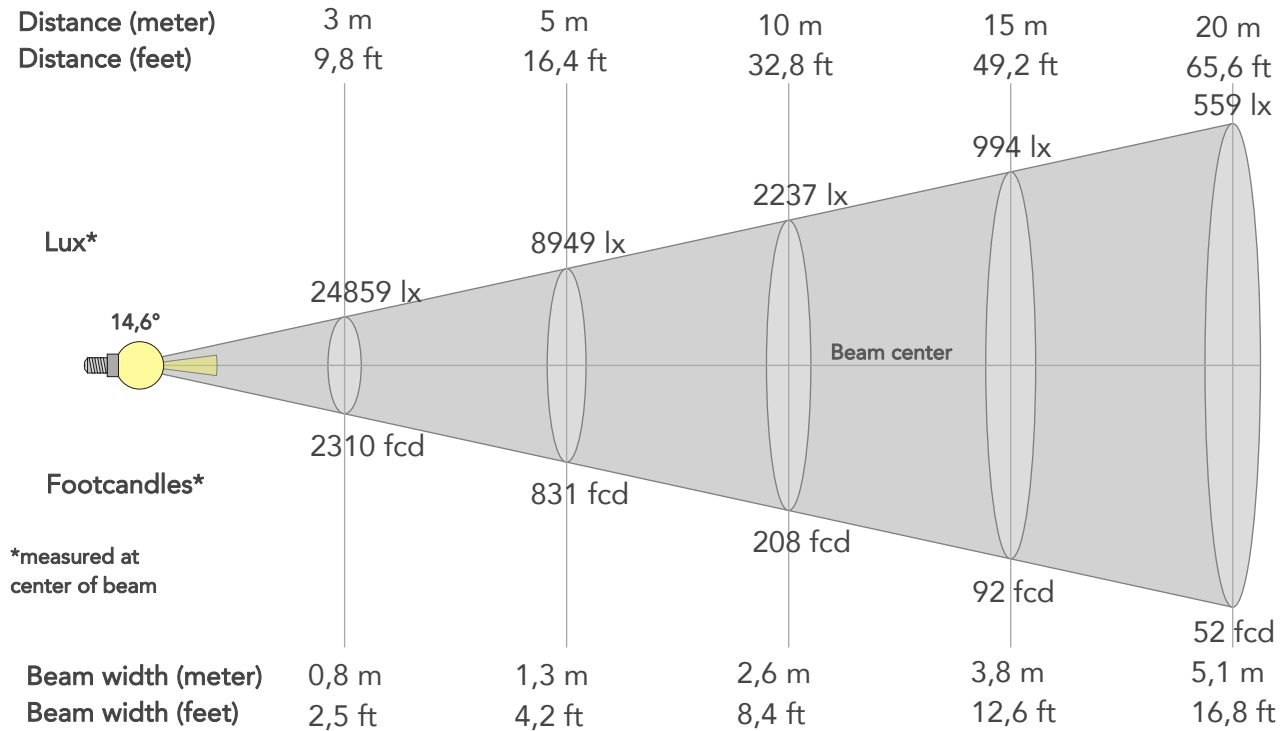
## Spectra



## BEAM DETAILS



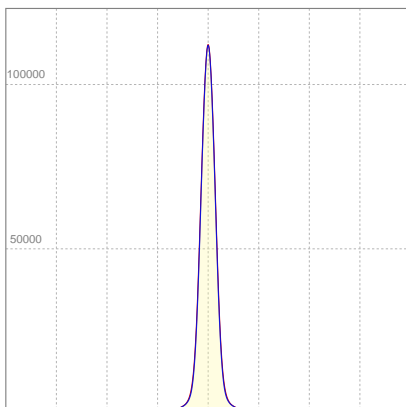
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,6°	26,6°	39,8°	99,2%	97,2%



### 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	223734lx	55933lx	24859lx	13983lx	8949lx	3977lx	2237lx	994lx	559lx	358lx	249lx	140lx	89lx
Footcand.	20786fcd	5196fcd	2310fcd	1299fcd	831fcd	370fcd	208fcd	92fcd	52fcd	33fcd	23fcd	13fcd	8fcd
Beam wid.	0,3m	0,5m	0,8m	1m	1,3m	1,9m	2,6m	3,8m	5,1m	6,4m	7,7m	10,2m	12,8m
Beam wid.	0,8ft	1,7ft	2,5ft	3,3ft	4,2ft	6,3ft	8,4ft	12,6ft	16,8ft	20,9ft	25,1ft	33,5ft	41,9ft

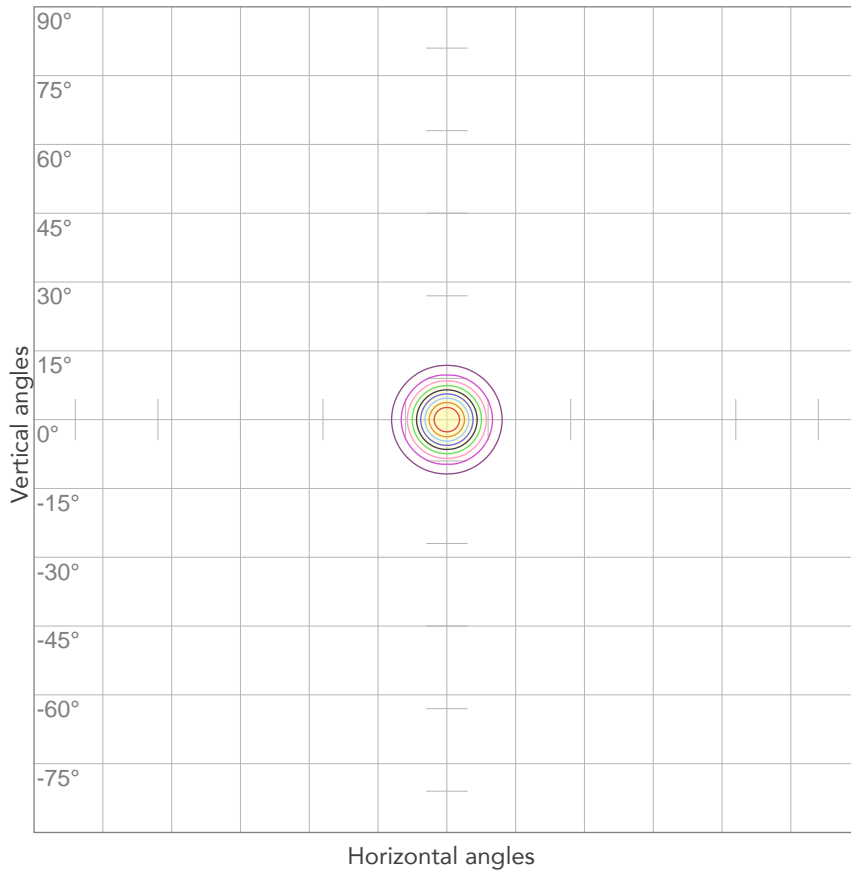
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,676A	320,4W	63lm/W
Power FC			
0,84			

## ISO CANDELA DIAGRAM



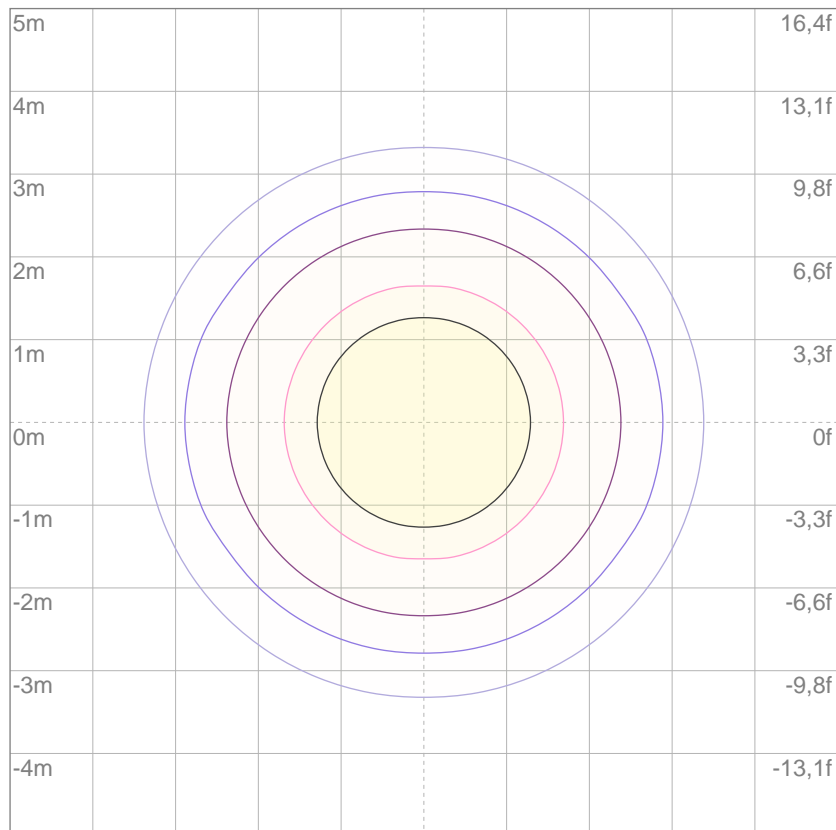
10%	22373 cd
20%	44747 cd
30%	67120 cd
40%	89493 cd
50%	111867 cd
60%	134240 cd
70%	156613 cd
80%	178987 cd

### Conditions:

Number of c-planes: 4

Candela at center: 223734 cd

## ISO LUX DIAGRAM



3%	67,1 lx
5%	112 lx
10%	224 lx
30%	671 lx
50%	1119 lx

### Conditions:

Number of c-planes: 4

Lux at center: 2237 lx

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





Total lumen output:

9195 lm

Peak candela output:

50318 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

25°

Target:

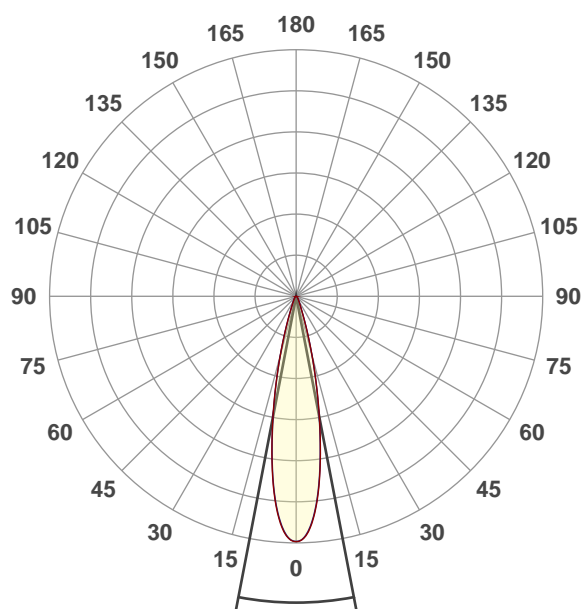
White

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:02:01

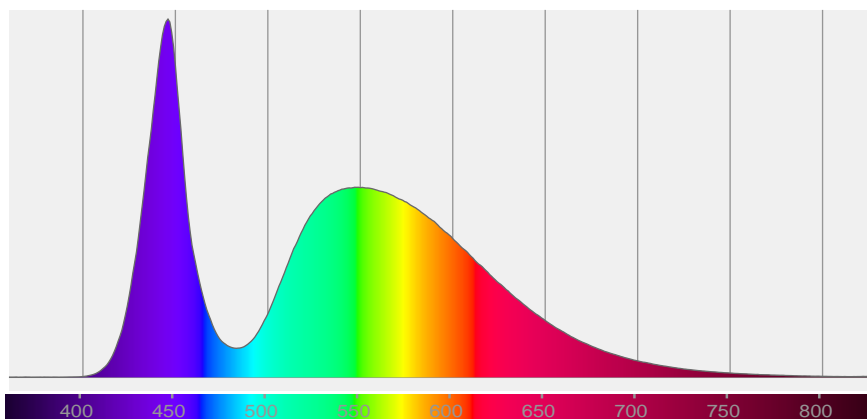


Beam angle 50%: 21,7°

Field angle 10%: 38,3°

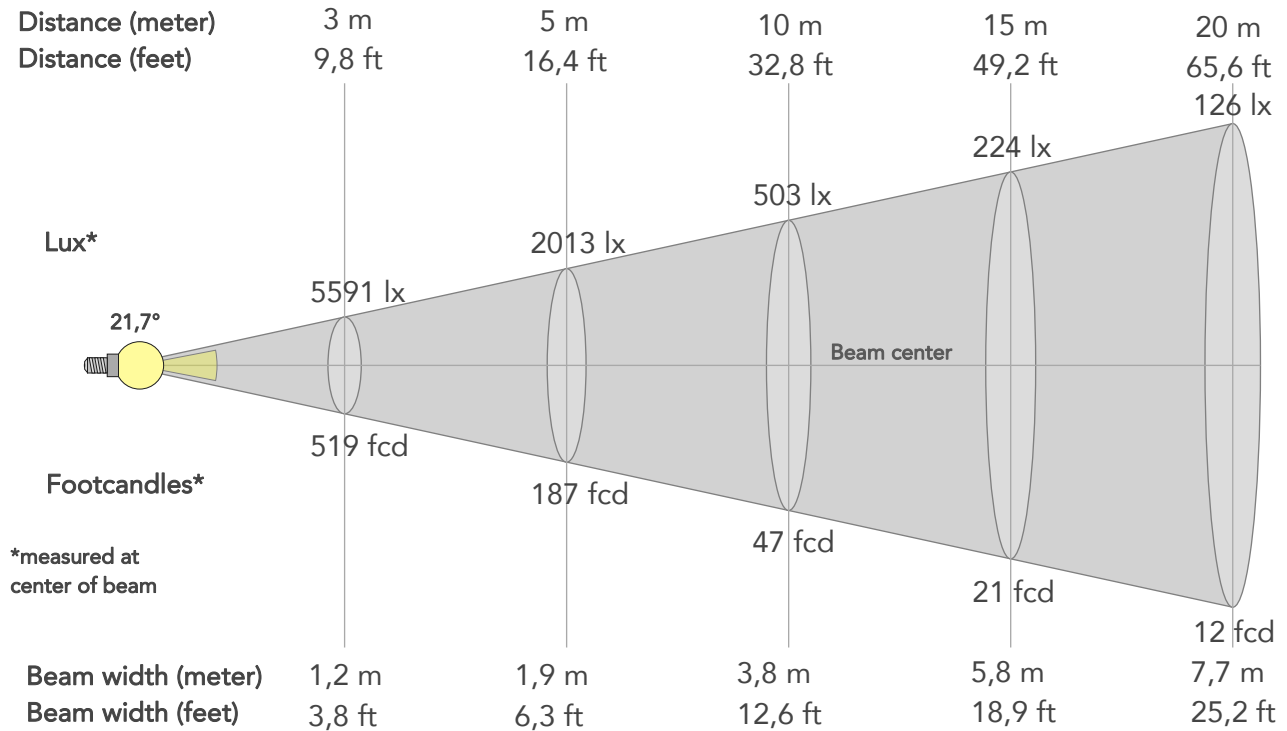
Cut off angle 2.5%: 56,7°

## Spectra



## BEAM DETAILS

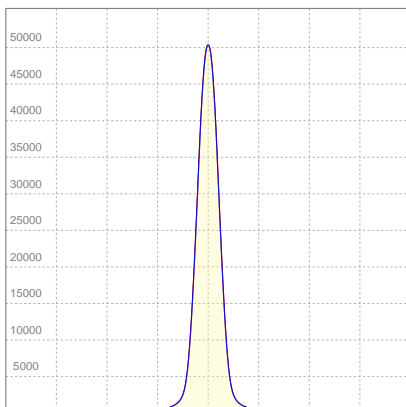
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,7°	38,3°	56,7°	98,4%	95,4%



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	50316lx	12579lx	5591lx	3145lx	2013lx	895lx	503lx	224lx	126lx	81lx	56lx	31lx	20lx
Footcand.	4674fcd	1169fcd	519fcd	292fcd	187fcd	83fcd	47fcd	21fcd	12fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,4m	0,8m	1,2m	1,5m	1,9m	2,9m	3,8m	5,8m	7,7m	9,6m	11,5m	15,4m	19,2m
Beam wid.	1,3ft	2,5ft	3,8ft	5ft	6,3ft	9,4ft	12,6ft	18,9ft	25,2ft	31,5ft	37,8ft	50,4ft	62,9ft

### LINEAR DISTRIBUTION DIAGRAM

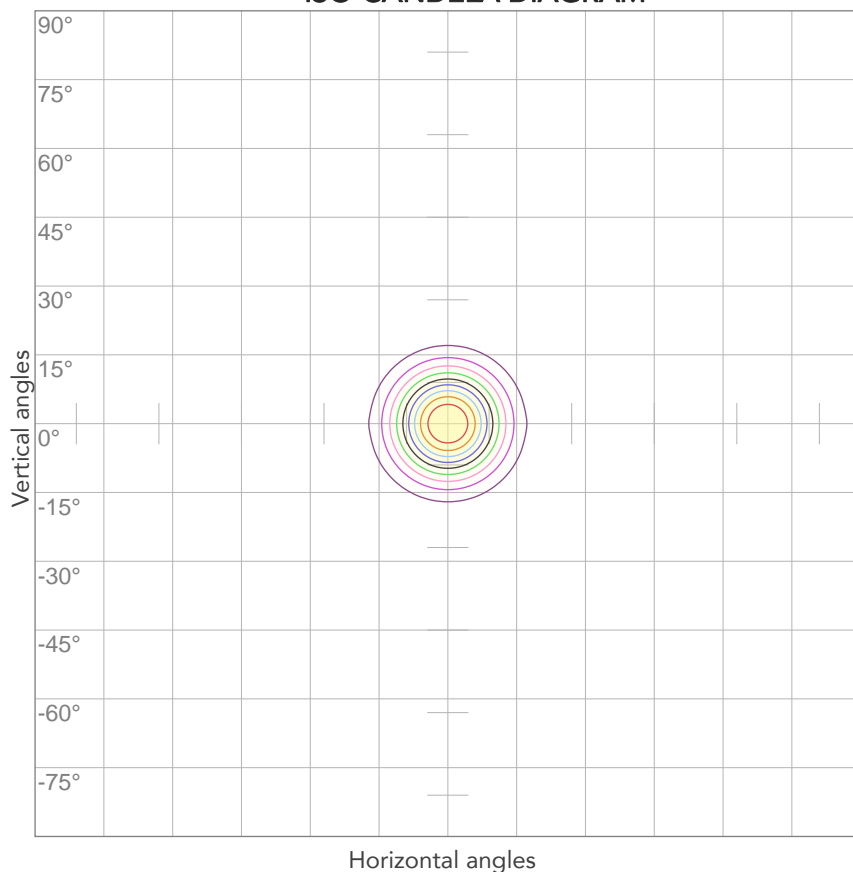


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,842A	160,1W	57lm/W

Power FC
0,85

## ISO CANDELA DIAGRAM



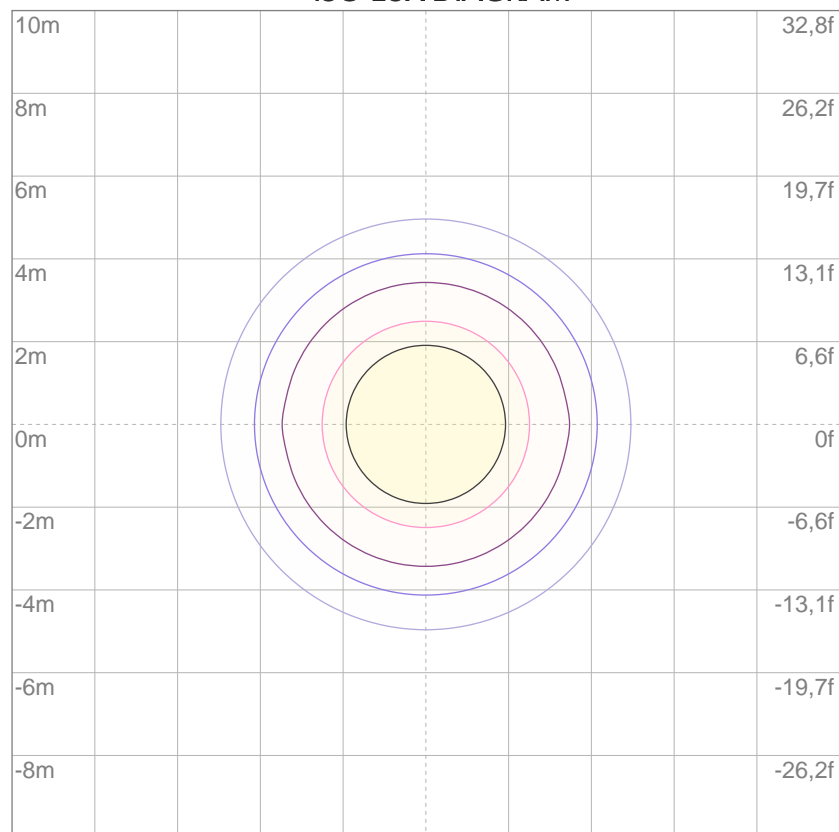
10%	5032 cd
20%	10063 cd
30%	15095 cd
40%	20126 cd
50%	25158 cd
60%	30190 cd
70%	35221 cd
80%	40253 cd

### Conditions:

Number of c-planes: 4

Candela at center: 50316 cd

## ISO LUX DIAGRAM



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

### Conditions:

Number of c-planes: 4

Lux at center: 503 lx

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



Total lumen output:

18390 lm

Peak candela output:

100636 cd

## PRODUCT NAME:

ArcPod96Q - 2 Heads

## MEASURAMENT CONDITIONS:

Beam angle:

25°

Target:

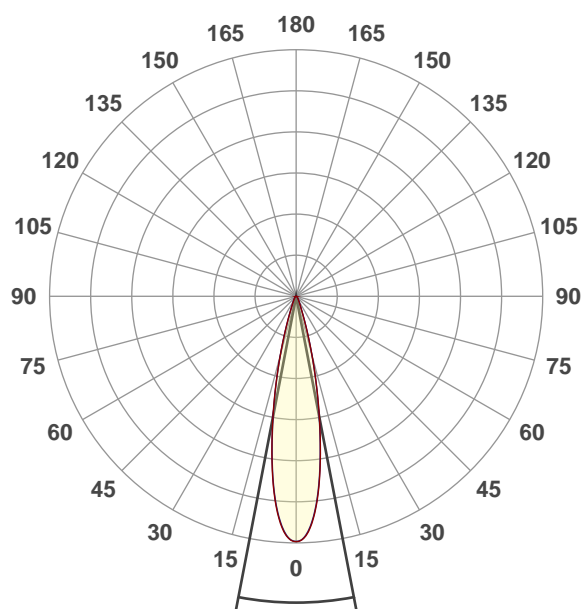
White

Operator:

Paolo Carvone

Date and time:

29/04/2020 15:02:01

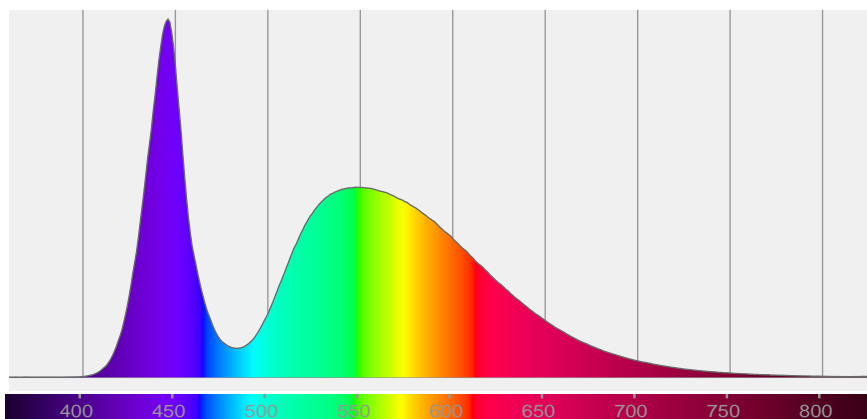


Beam angle 50%: 21,7°

Field angle 10%: 38,3°

Cut off angle 2.5%: 56,7°

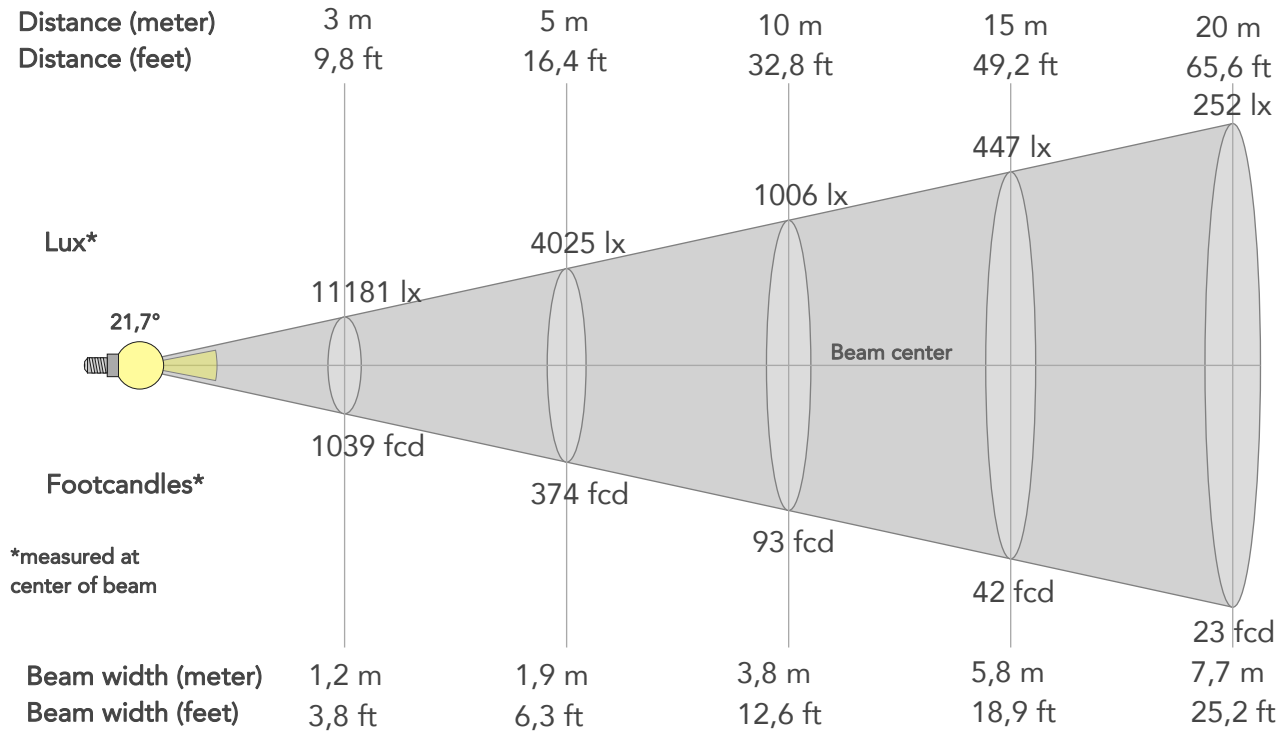
## Spectra



## BEAM DETAILS



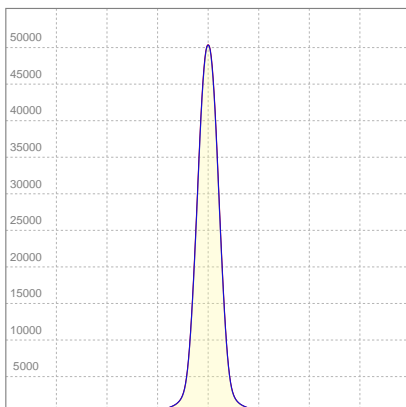
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,7°	38,3°	56,7°	98,4%	95,4%



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	100632lx	25158lx	11181lx	6289lx	4025lx	1789lx	1006lx	447lx	252lx	161lx	112lx	63lx	40lx
Footcand.	9349fcd	2337fcd	1039fcd	584fcd	374fcd	166fcd	93fcd	42fcd	23fcd	15fcd	10fcd	6fcd	4fcd
Beam wid.	0,4m	0,8m	1,2m	1,5m	1,9m	2,9m	3,8m	5,8m	7,7m	9,6m	11,5m	15,4m	19,2m
Beam wid.	1,3ft	2,5ft	3,8ft	5ft	6,3ft	9,4ft	12,6ft	18,9ft	25,2ft	31,5ft	37,8ft	50,4ft	62,9ft

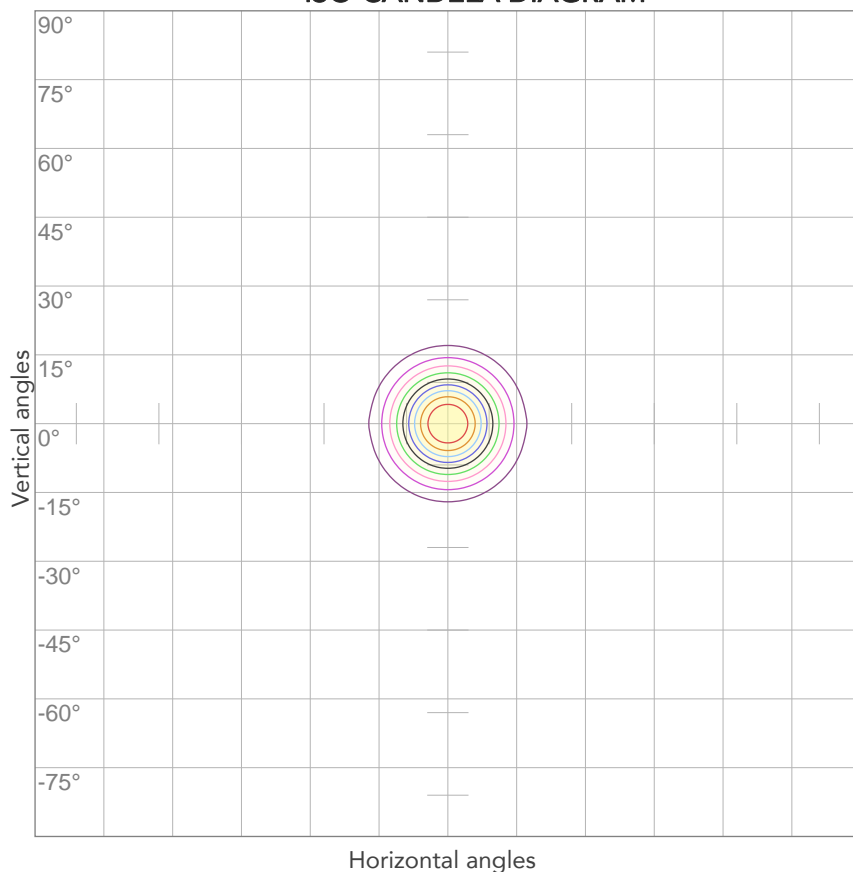
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Efficiency
225V	1,676A	320,4W	57,5m/W
Power FC			
0,85			

## ISO CANDELA DIAGRAM



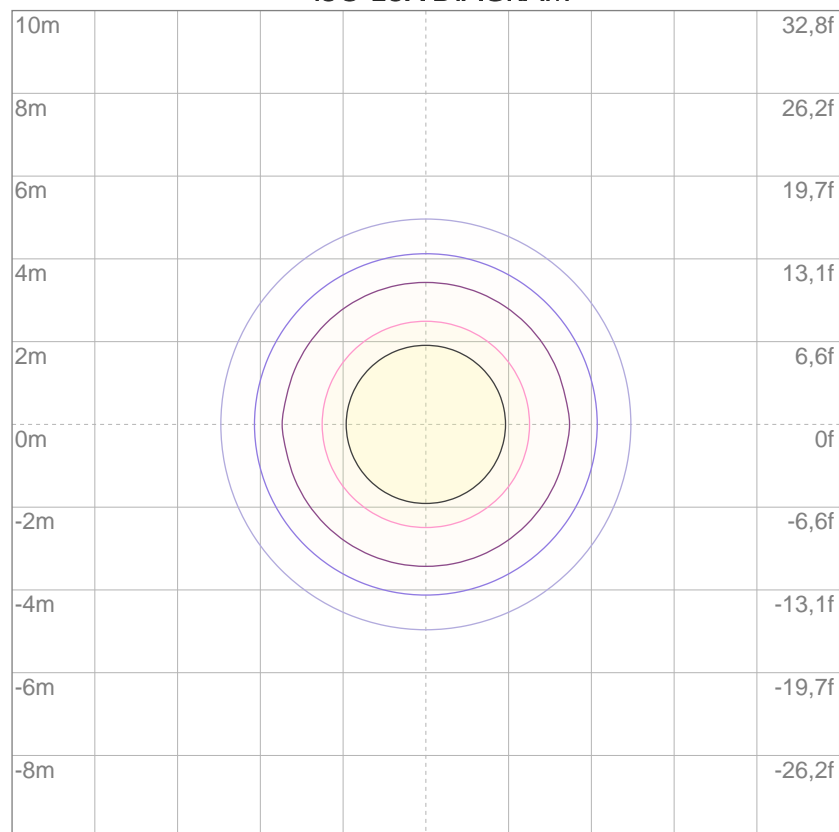
10%	10063 cd
20%	20126 cd
30%	30190 cd
40%	40253 cd
50%	50316 cd
60%	60379 cd
70%	70442 cd
80%	80505 cd

### Conditions:

Number of c-planes: 4

Candela at center: 100632 cd

## ISO LUX DIAGRAM



3%	30,2 lx
5%	50,3 lx
10%	101 lx
30%	302 lx
50%	503 lx

### Conditions:

Number of c-planes: 4

Lux at center: 1006 lx

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



Total lumen output:

8197 lm

Peak candela output:

12993 cd

## PRODUCT NAME:

ArcPod96Q - 1 Head

## MEASUREMENT CONDITIONS:

Beam angle:

45°

Target:

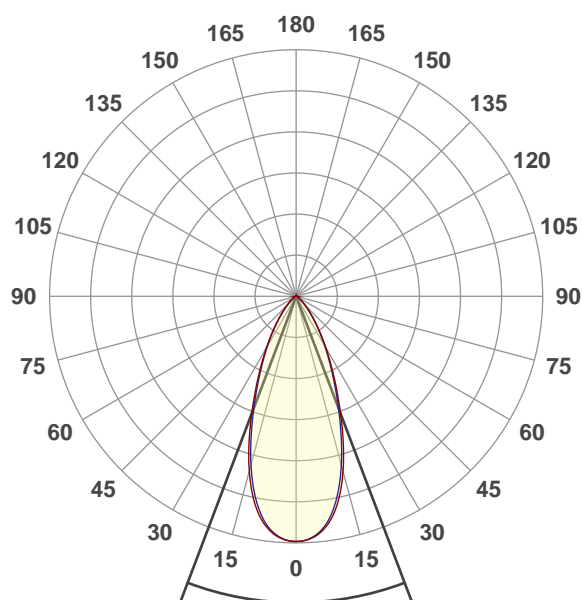
White

Operator:

Paolo Carvone

Date and time:

29/04/2020 13:27:27

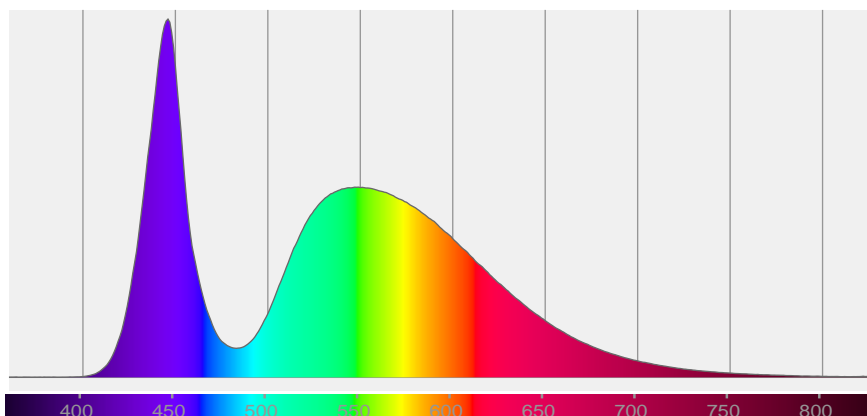


Beam angle 50%: 41,5°

Field angle 10%: 78,1°

Cut off angle 2.5%: 102,9°

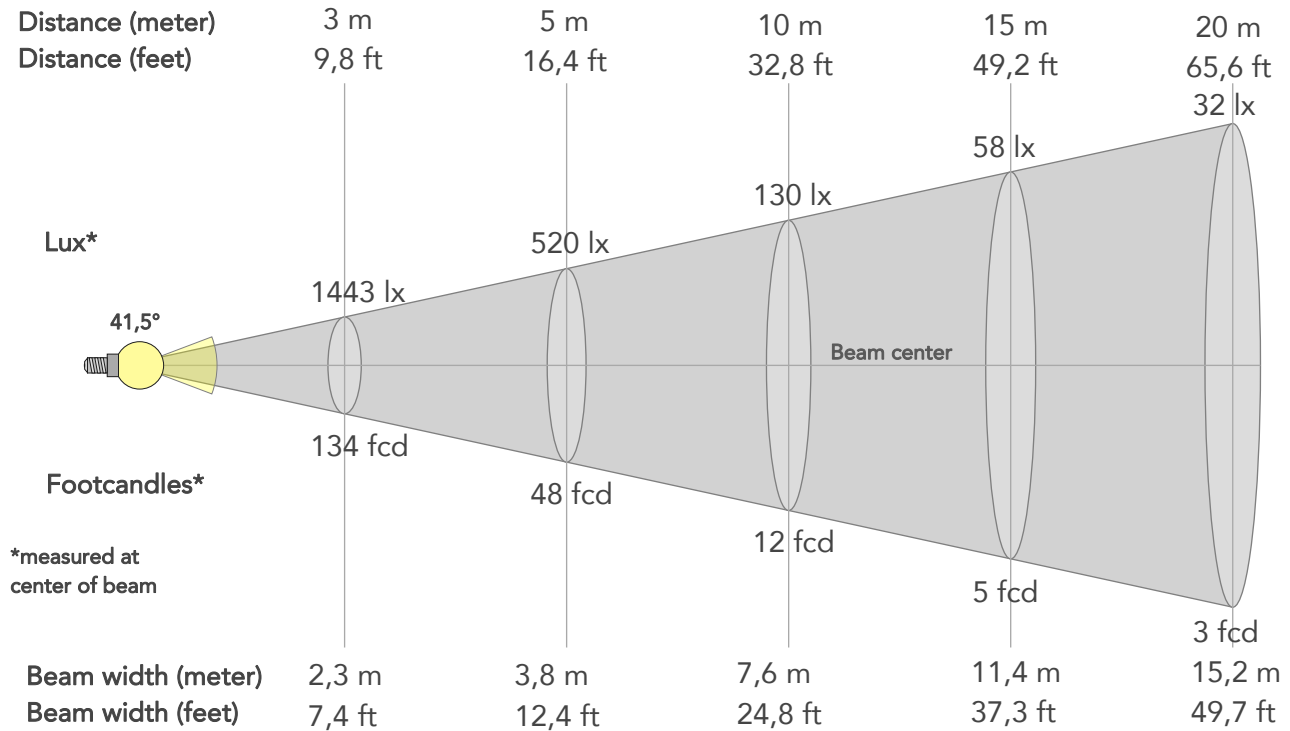
## Spectra



## BEAM DETAILS



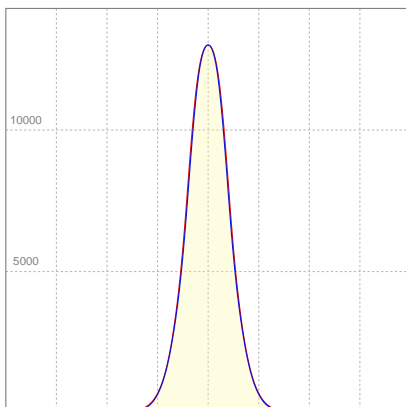
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
41,5°	78,1°	102,9°	96,3%	91,2%



### 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	12988lx	3247lx	1443lx	812lx	520lx	231lx	130lx	58lx	32lx	21lx	14lx	8lx	5lx
Footcand.	1207fcd	302fcd	134fcd	75fcd	48fcd	21fcd	12fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,8m	1,5m	2,3m	3m	3,8m	5,7m	7,6m	11,4m	15,2m	18,9m	22,7m	30,3m	37,9m
Beam wid.	2,5ft	5ft	7,4ft	9,9ft	12,4ft	18,6ft	24,8ft	37,3ft	49,7ft	62,1ft	74,5ft	99,4ft	124,2ft

### LINEAR DISTRIBUTION DIAGRAM

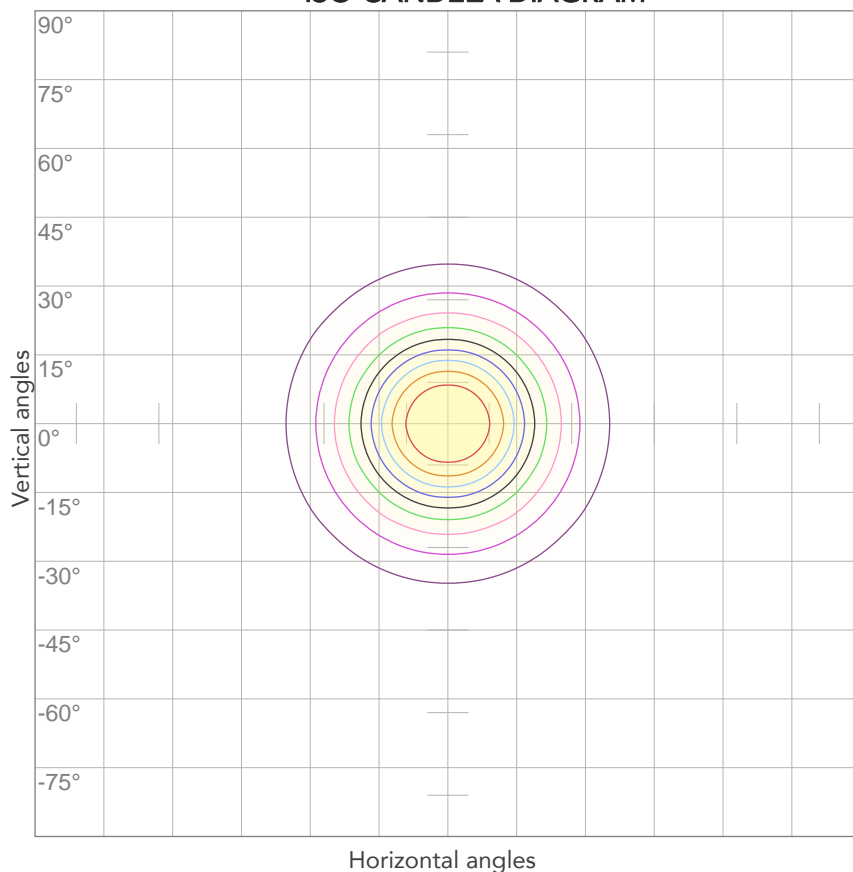


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,840A	160W	51lm/W
Power FC			
0,84			



## ISO CANDELA DIAGRAM



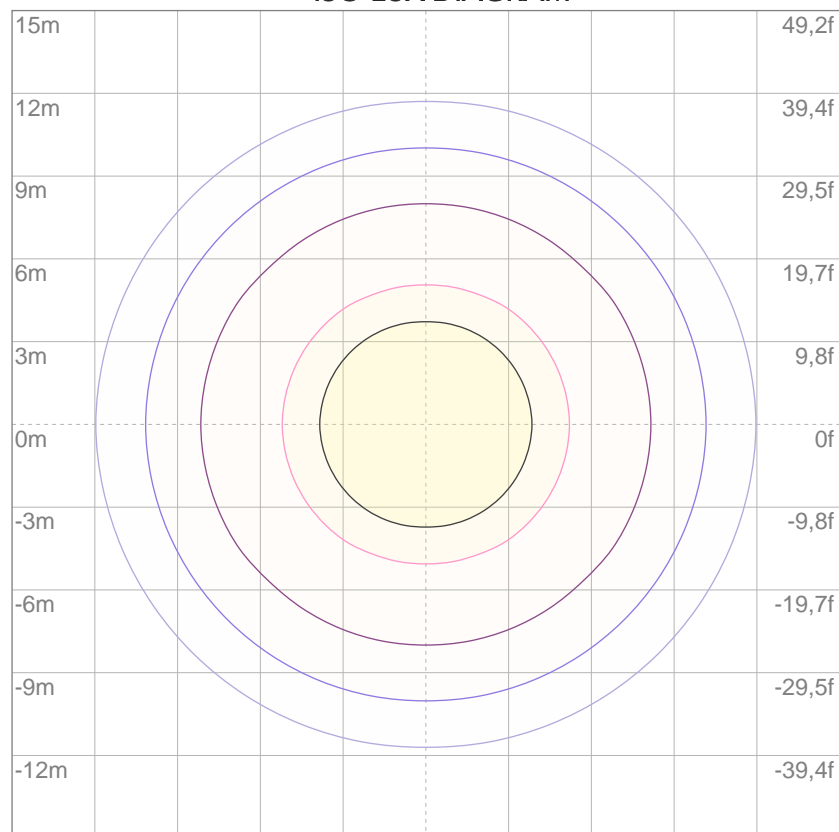
10%	1299 cd
20%	2598 cd
30%	3897 cd
40%	5195 cd
50%	6494 cd
60%	7793 cd
70%	9092 cd
80%	10391 cd

### Conditions:

Number of c-planes: 4

Candela at center: 12988 cd

## ISO LUX DIAGRAM



3%	3,90 lx
5%	6,49 lx
10%	13,0 lx
30%	39,0 lx
50%	64,9 lx

### Conditions:

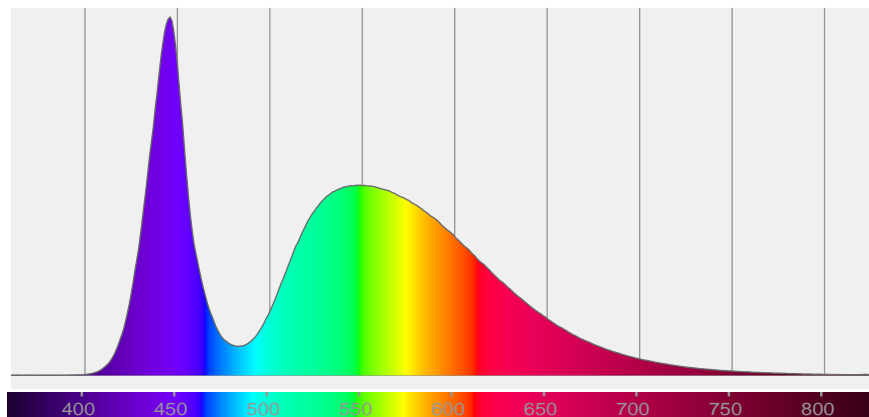
Number of c-planes: 4

Lux at center: 130 lx

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

16394 lm

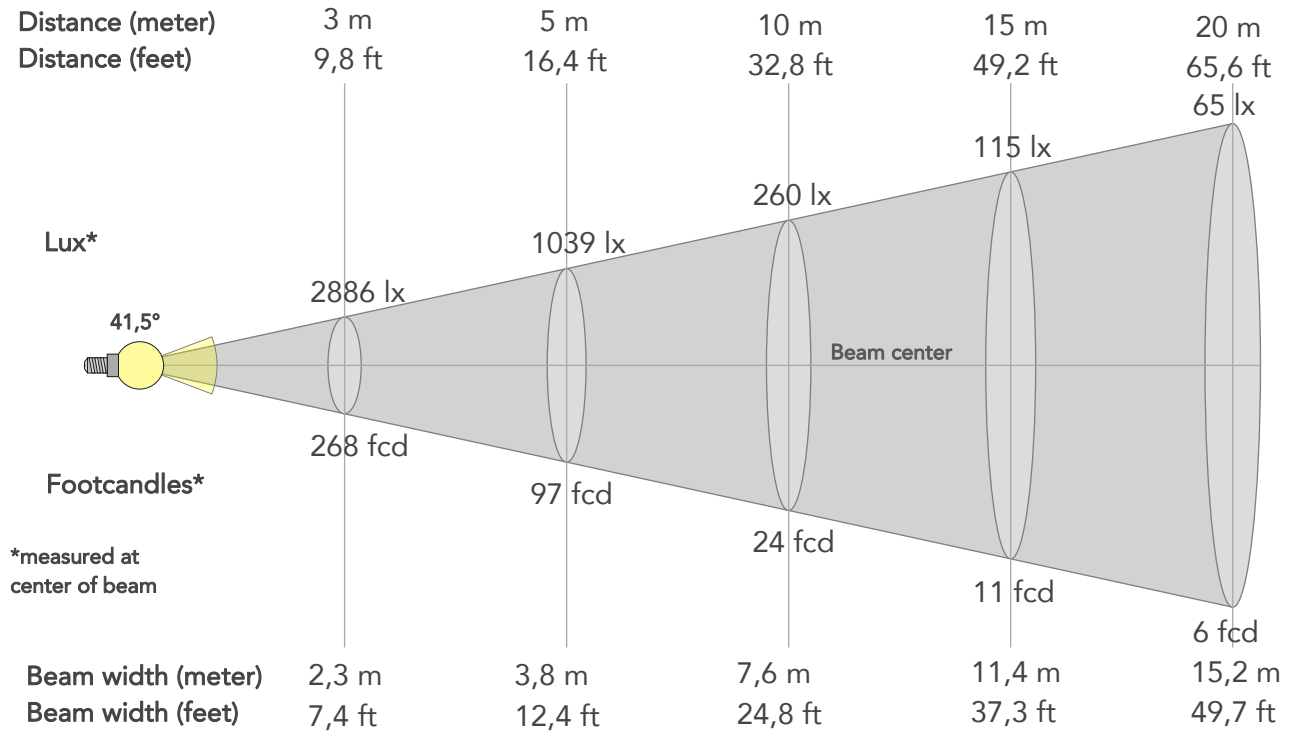
25986 cd



## BEAM DETAILS



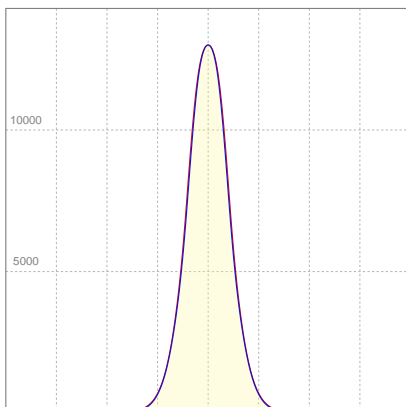
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
41,5°	78,1°	102,9°	96,3%	91,2%



### 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	25976lx	6494lx	2886lx	1623lx	1039lx	462lx	260lx	115lx	65lx	42lx	29lx	16lx	10lx
Footcand.	2413fcd	603fcd	268fcd	151fcd	97fcd	43fcd	24fcd	11fcd	6fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,8m	1,5m	2,3m	3m	3,8m	5,7m	7,6m	11,4m	15,2m	18,9m	22,7m	30,3m	37,9m
Beam wid.	2,5ft	5ft	7,4ft	9,9ft	12,4ft	18,6ft	24,8ft	37,3ft	49,7ft	62,1ft	74,5ft	99,4ft	124,2ft

### LINEAR DISTRIBUTION DIAGRAM

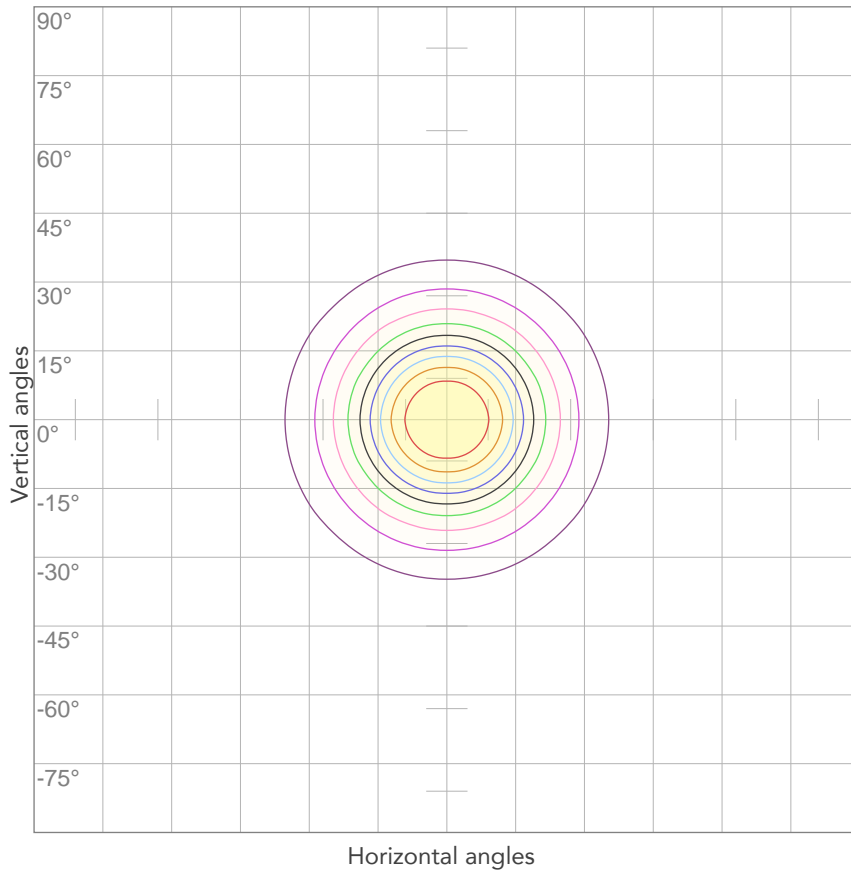


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,676A	320,4W	51,5lm/W

Power FC
0,84

## ISO CANDELA DIAGRAM



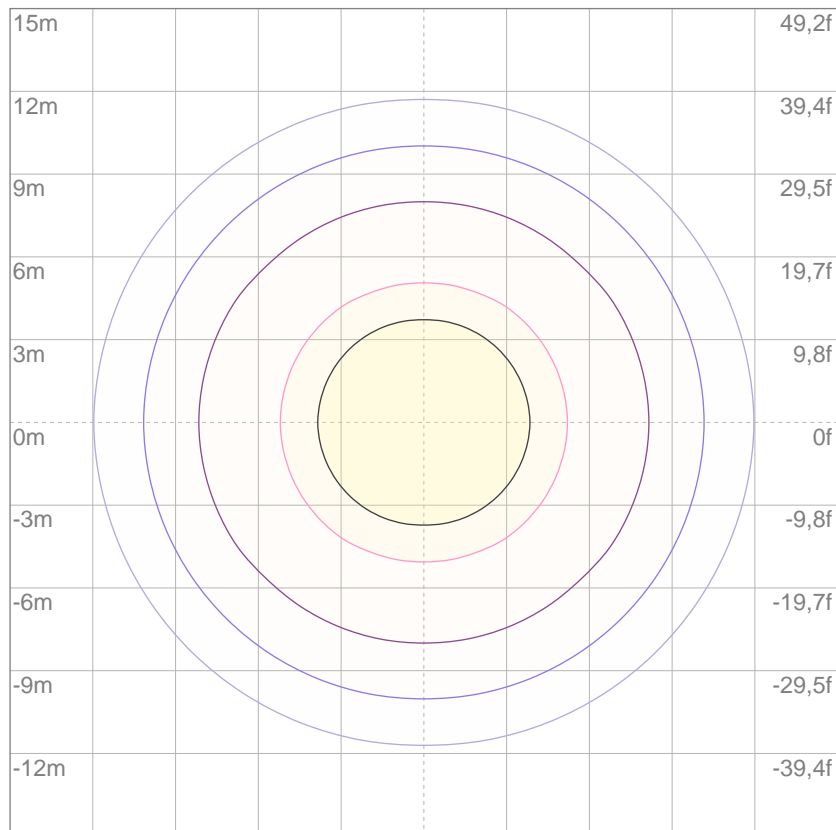
10%	2598 cd
20%	5195 cd
30%	7793 cd
40%	10390 cd
50%	12988 cd
60%	15585 cd
70%	18183 cd
80%	20781 cd

### Conditions:

Number of c-planes: 4

Candela at center: 25976 cd

## ISO LUX DIAGRAM



3%	7,79 lx
5%	13,0 lx
10%	26,0 lx
30%	77,9 lx
50%	130 lx

### Conditions:

Number of c-planes: 4

Lux at center: 260 lx

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