



Photometric Test Report



Pixie Zoom

60 W IP65 single source full colour zoom Par

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TESTING PROCESS

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

Prolights measurement instrument

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

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

Prolights measurement software

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

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



Total lumen output:

926 lm

Peak candela output:

5194 cd

PRODUCT NAME:

Pixie Zoom

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

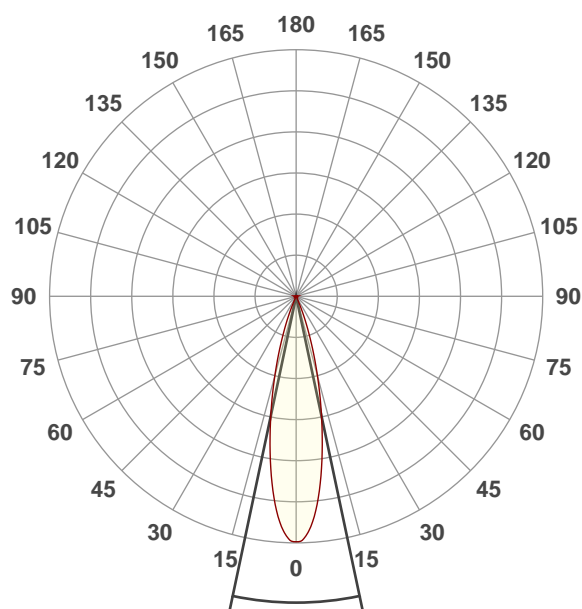
Full On

Operator:

Paolo Carvone

Date and time:

08/06/2020 09:23:50

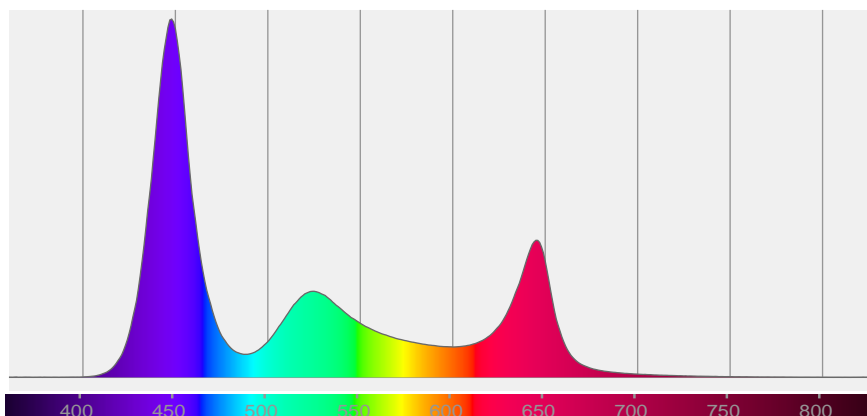


Beam angle 50%: 23,9°

Field angle 10%: 41,6°

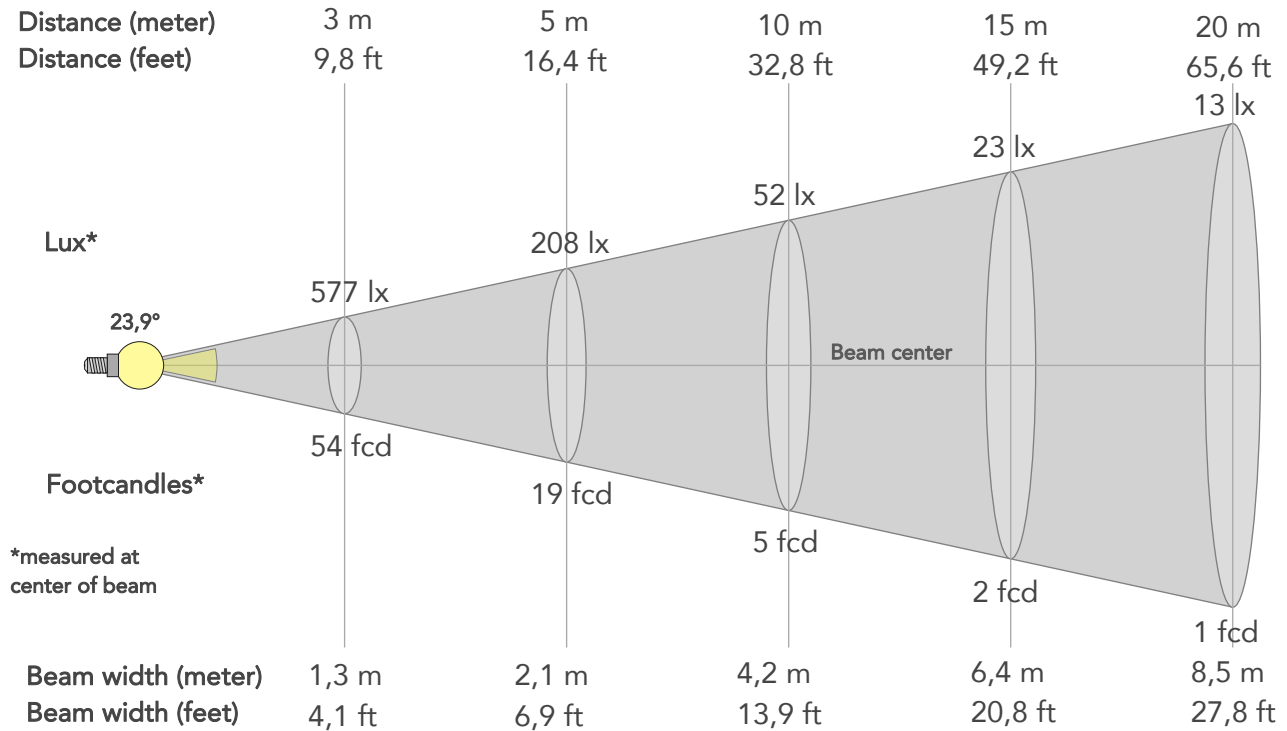
Cut off angle 2.5%: 47,2°

Spectra



BEAM DETAILS

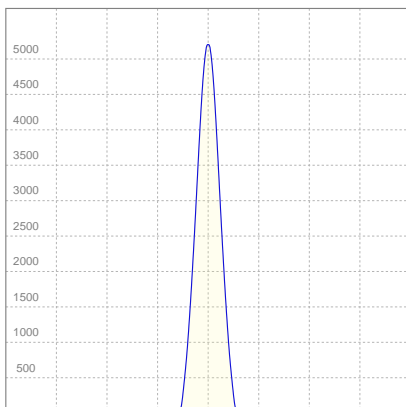
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,9°	41,6°	47,2°	99,9%	99,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	5194lx	1299lx	577lx	325lx	208lx	92lx	52lx	23lx	13lx	8lx	6lx	3lx	2lx
Footcand.	483fcd	121fcd	54fcd	30fcd	19fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,3m	1,7m	2,1m	3,2m	4,2m	6,4m	8,5m	10,6m	12,7m	16,9m	21,2m
Beam wid.	1,4ft	2,8ft	4,1ft	5,5ft	6,9ft	10,4ft	13,9ft	20,8ft	27,8ft	34,7ft	41,7ft	55,6ft	69,4ft

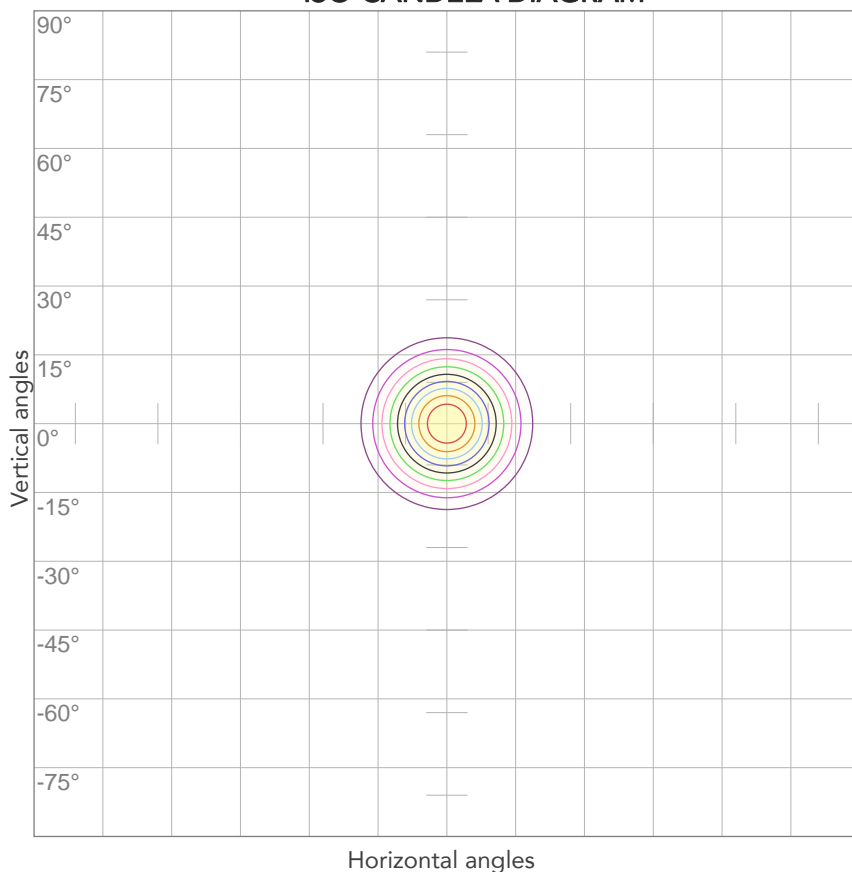
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,400A	82,1W	11lm/W
Power FC			
0,91			

ISO CANDELA DIAGRAM



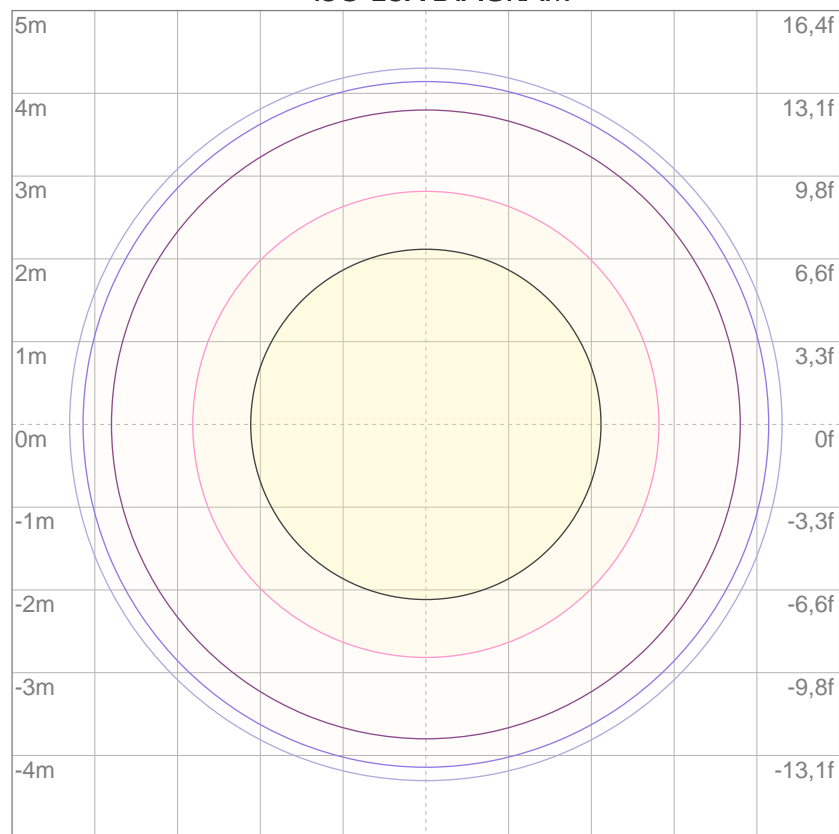
10%	519 cd
20%	1039 cd
30%	1558 cd
40%	2078 cd
50%	2597 cd
60%	3116 cd
70%	3636 cd
80%	4155 cd

Conditions:

Number of c-planes: 2

Candela at center: 5194 cd

ISO LUX DIAGRAM



3%	1,56 lx
5%	2,60 lx
10%	5,19 lx
30%	15,6 lx
50%	26,0 lx

Conditions:

Number of c-planes: 2

Lux at center: 51,9 lx

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



Total lumen output:

860 lm

Peak candela output:

13296 cd

PRODUCT NAME:

Pixie Zoom

MEASUREMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

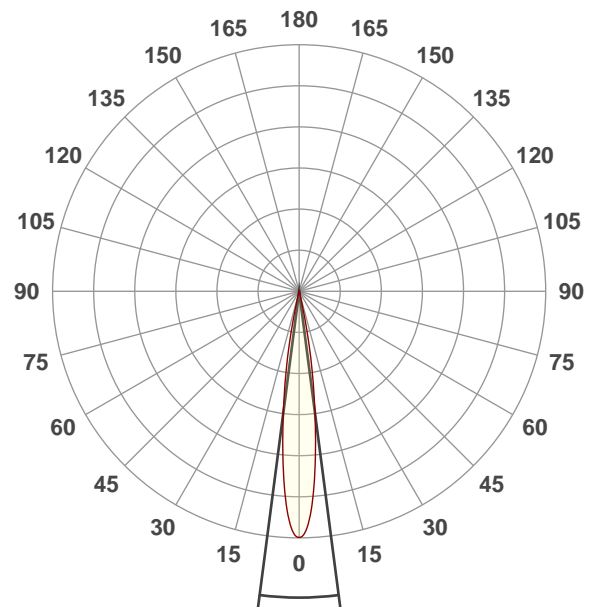
Full On

Operator:

Paolo Carvone

Date and time:

08/06/2020 10:17:30

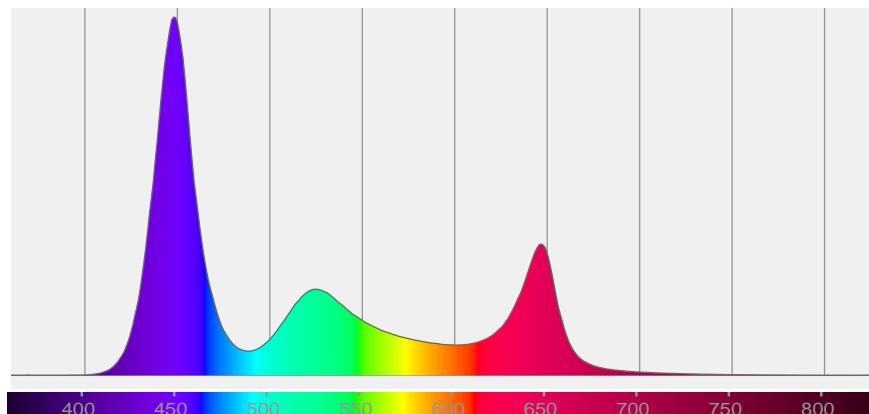


Beam angle 50%: 14,8°

Field angle 10%: 24°

Cut off angle 2.5%: 27,2°

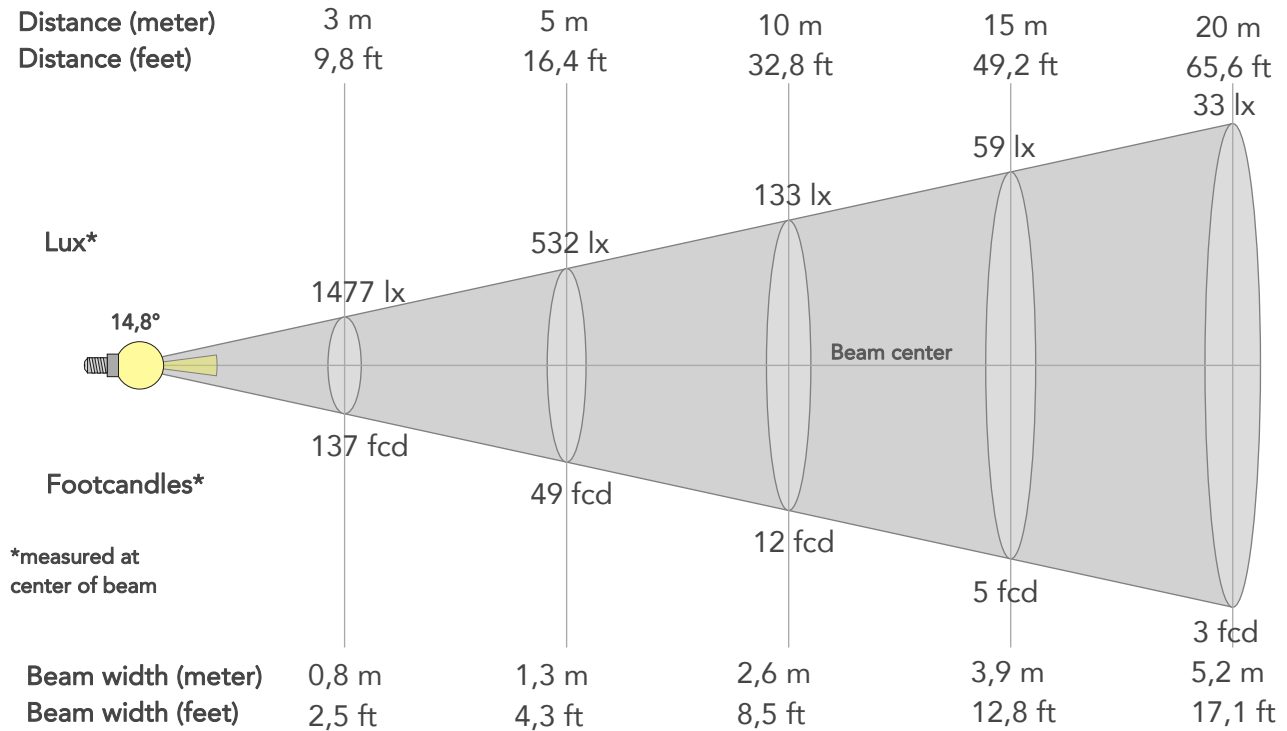
Spectra



BEAM DETAILS



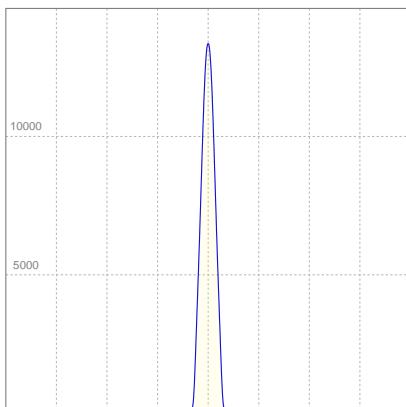
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,8°	24°	27,2°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	13296lx	3324lx	1477lx	831lx	532lx	236lx	133lx	59lx	33lx	21lx	15lx	8lx	5lx
Footcand.	1235fcd	309fcd	137fcd	77fcd	49fcd	22fcd	12fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,3m	0,5m	0,8m	1m	1,3m	2m	2,6m	3,9m	5,2m	6,5m	7,8m	10,4m	13m
Beam wid.	0,9ft	1,7ft	2,5ft	3,4ft	4,3ft	6,4ft	8,5ft	12,8ft	17,1ft	21,3ft	25,6ft	34,1ft	42,7ft

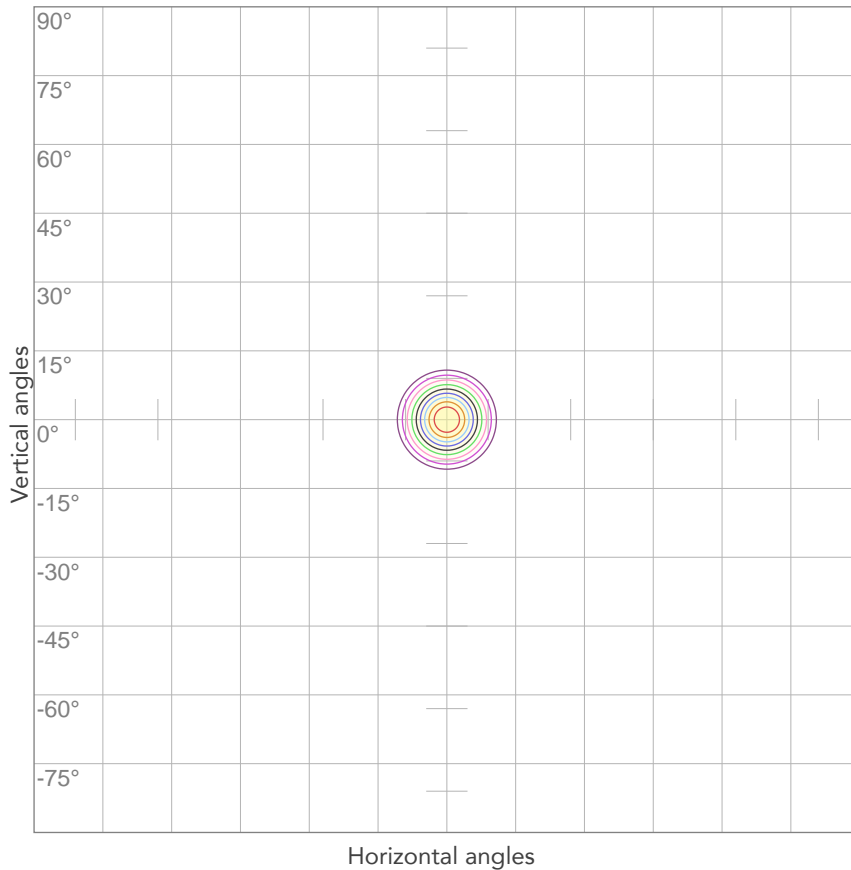
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,399A	81,4W	11lm/W
Power FC			
0,91			

ISO CANDELA DIAGRAM



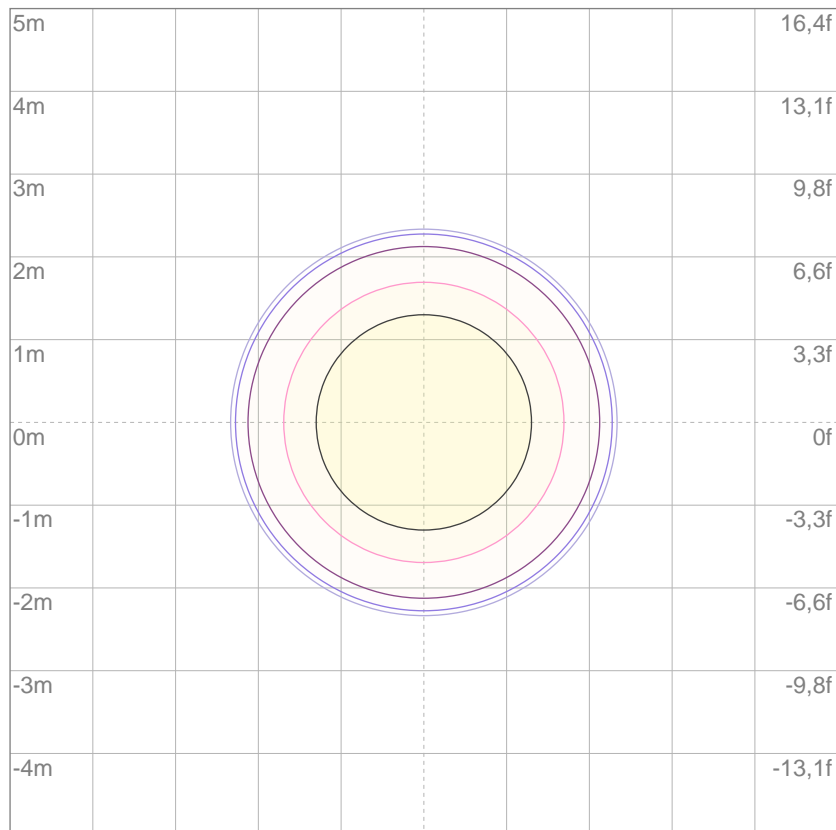
10%	1330 cd
20%	2659 cd
30%	3989 cd
40%	5318 cd
50%	6648 cd
60%	7978 cd
70%	9307 cd
80%	10637 cd

Conditions:

Number of c-planes: 2

Candela at center: 13296 cd

ISO LUX DIAGRAM



3%	3,99 lx
5%	6,65 lx
10%	13,3 lx
30%	39,9 lx
50%	66,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 133 lx

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



Total lumen output:

777 lm

Peak candela output:

74888 cd

PRODUCT NAME:

Pixie Zoom

MEASUREMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

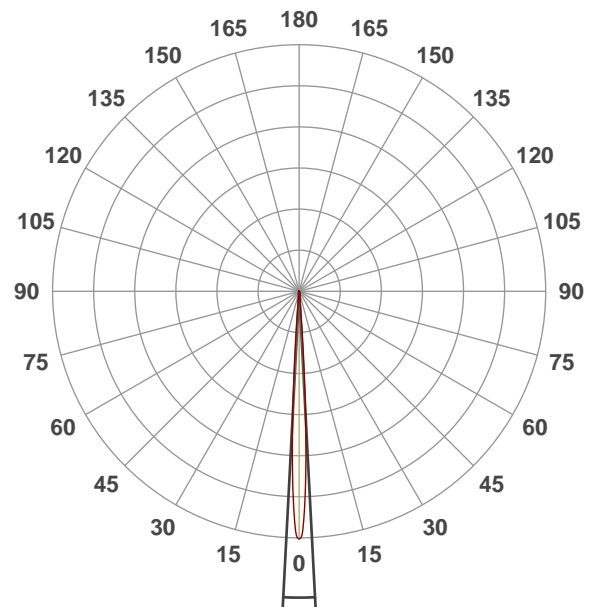
Full On

Operator:

Paolo Carvone

Date and time:

08/06/2020 09:22:12

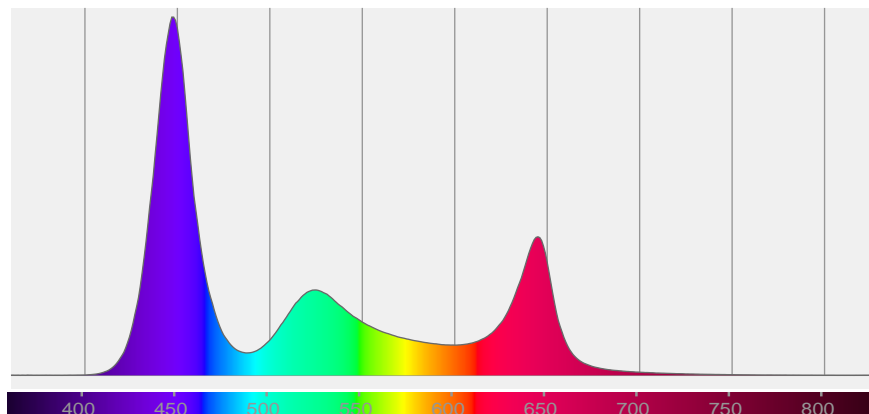


Beam angle 50%: 5,9°

Field angle 10%: 9,5°

Cut off angle 2.5%: 11,4°

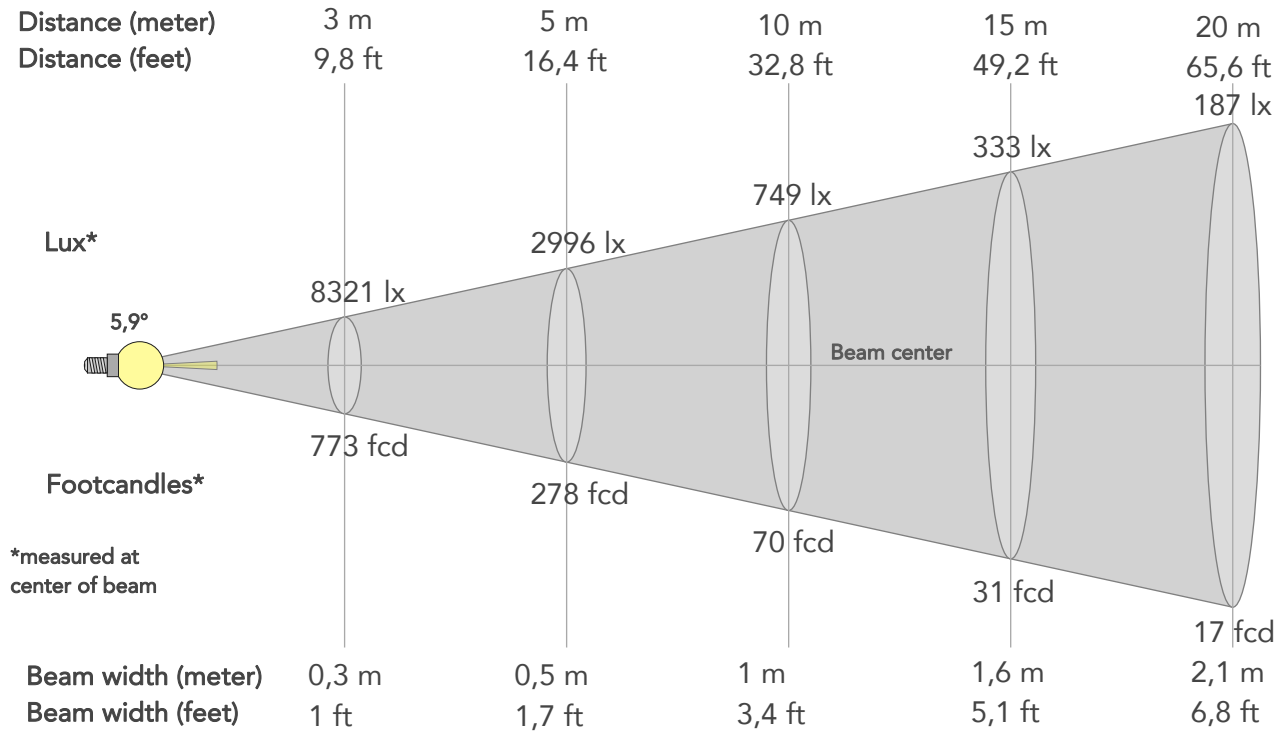
Spectra



BEAM DETAILS



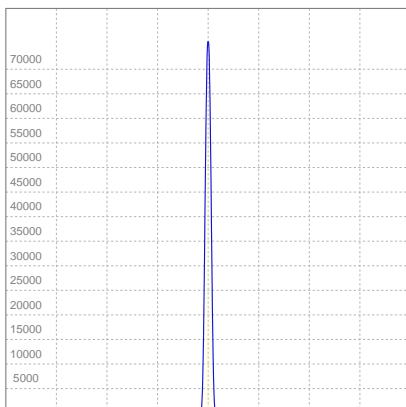
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	9,5°	11,4°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	74888lx	18722lx	8321lx	4680lx	2996lx	1331lx	749lx	333lx	187lx	120lx	83lx	47lx	30lx
Footcand.	6957fcd	1739fcd	773fcd	435fcd	278fcd	124fcd	70fcd	31fcd	17fcd	11fcd	8fcd	4fcd	3fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,6m	2,1m	2,6m	3,1m	4,2m	5,2m
Beam wid.	0,3ft	0,7ft	1ft	1,4ft	1,7ft	2,6ft	3,4ft	5,1ft	6,8ft	8,5ft	10,2ft	13,6ft	17ft

LINEAR DISTRIBUTION DIAGRAM

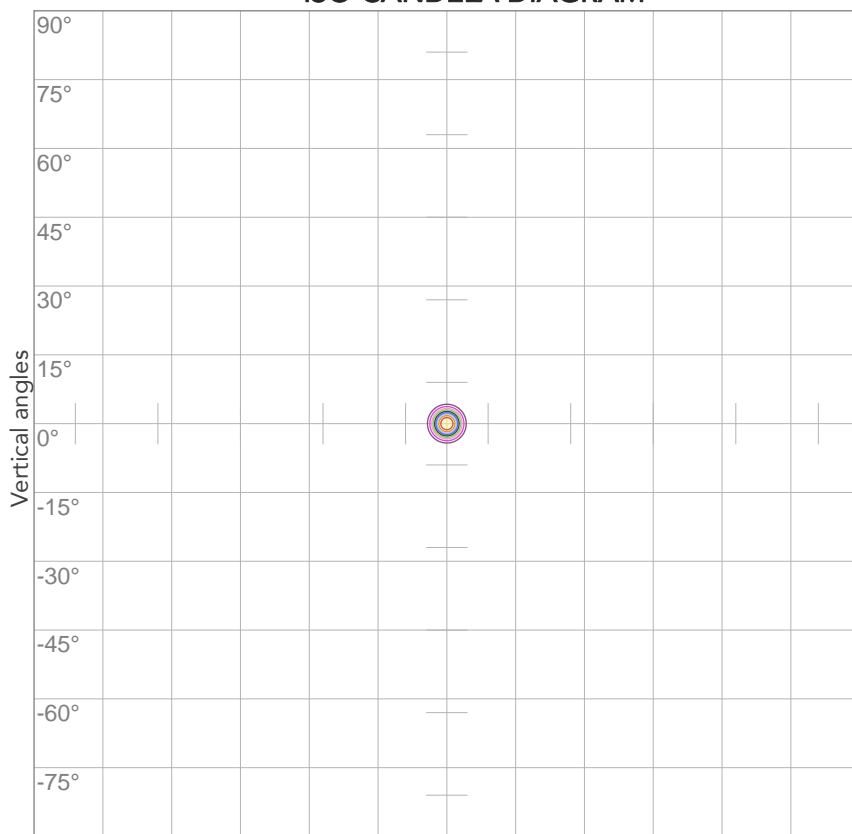


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,401A	82,2W	9lm/W

Power FC
0,91

ISO CANDELA DIAGRAM



Horizontal angles

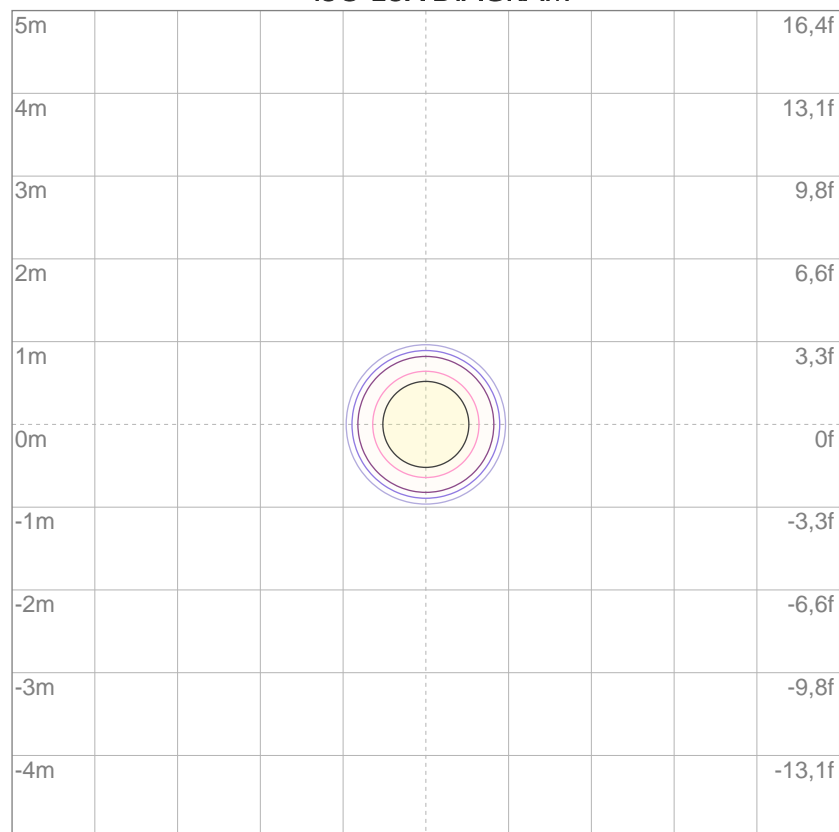
10%	7489 cd
20%	14978 cd
30%	22466 cd
40%	29955 cd
50%	37444 cd
60%	44933 cd
70%	52421 cd
80%	59910 cd

Conditions:

Number of c-planes: 2

Candela at center: 74888 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	22,5 lx
5%	37,4 lx
10%	74,9 lx
30%	225 lx
50%	374 lx

Conditions:

Number of c-planes: 2

Lux at center: 749 lx

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



Total lumen output:

134 lm

Peak candela output:

761 cd

PRODUCT NAME:

Pixie Zoom

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

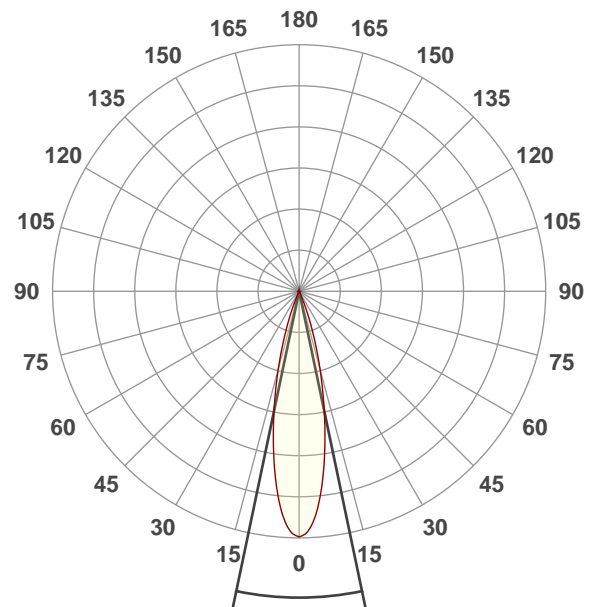
Red

Operator:

Paolo Carvone

Date and time:

08/06/2020 09:26:20

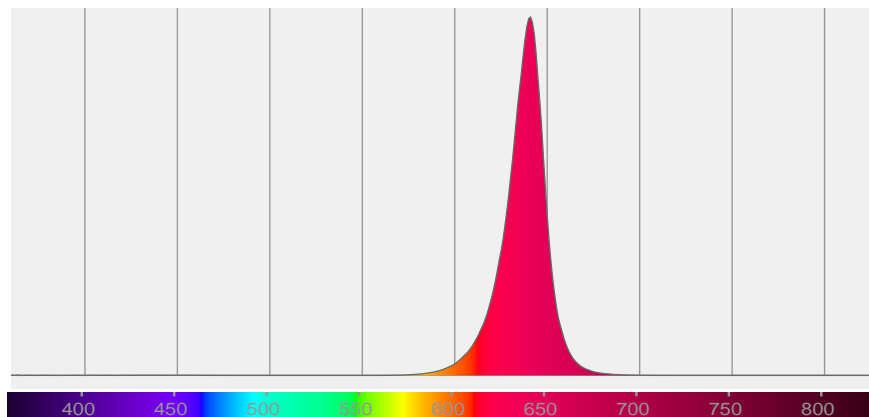


Beam angle 50%: 23,7°

Field angle 10%: 41,3°

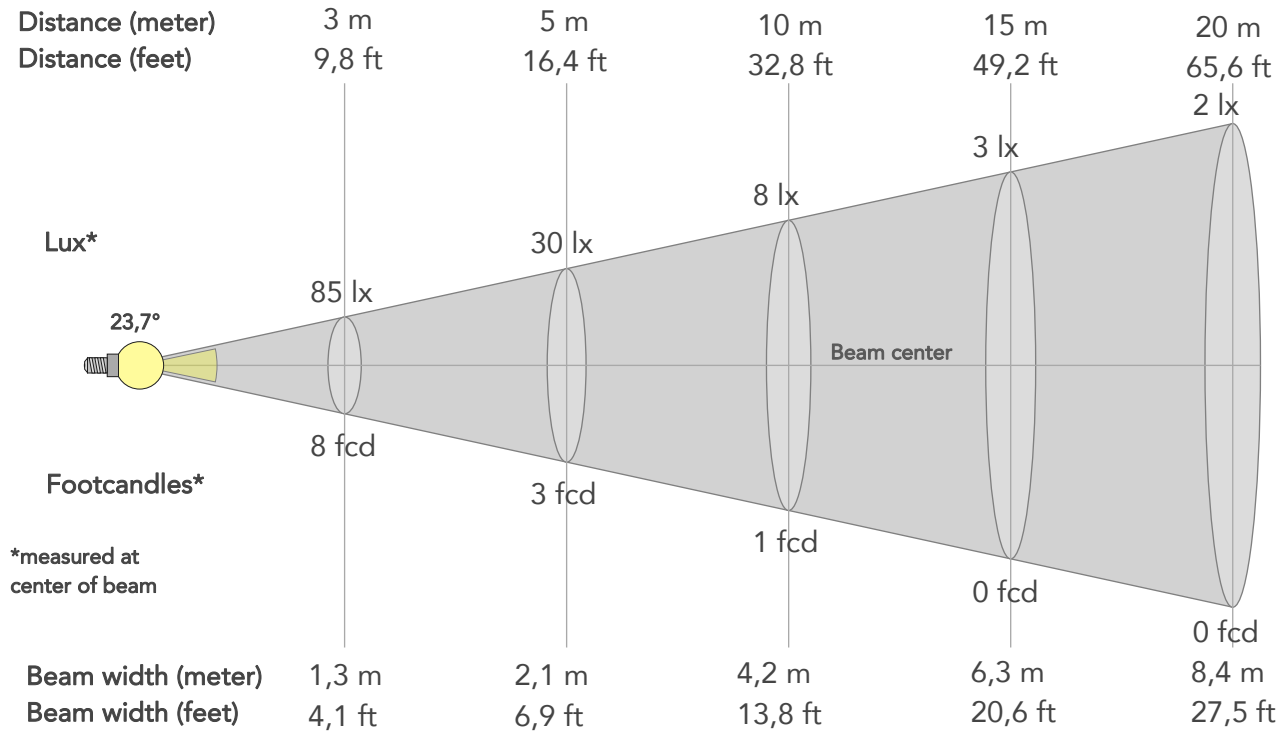
Cut off angle 2.5%: 47,3°

Spectra



BEAM DETAILS

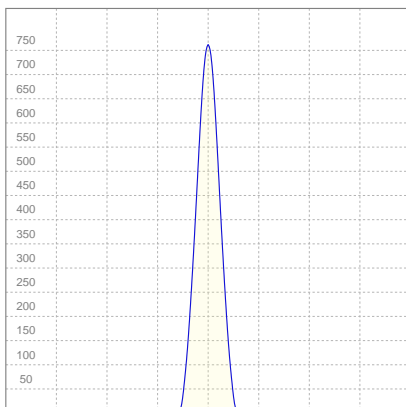
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,7°	41,3°	47,3°	99,3%	99,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	761lx	190lx	85lx	48lx	30lx	14lx	8lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	71fcd	18fcd	8fcd	4fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,3m	1,7m	2,1m	3,1m	4,2m	6,3m	8,4m	10,5m	12,6m	16,8m	21m
Beam wid.	1,4ft	2,8ft	4,1ft	5,5ft	6,9ft	10,3ft	13,8ft	20,6ft	27,5ft	34,4ft	41,3ft	55ft	68,8ft

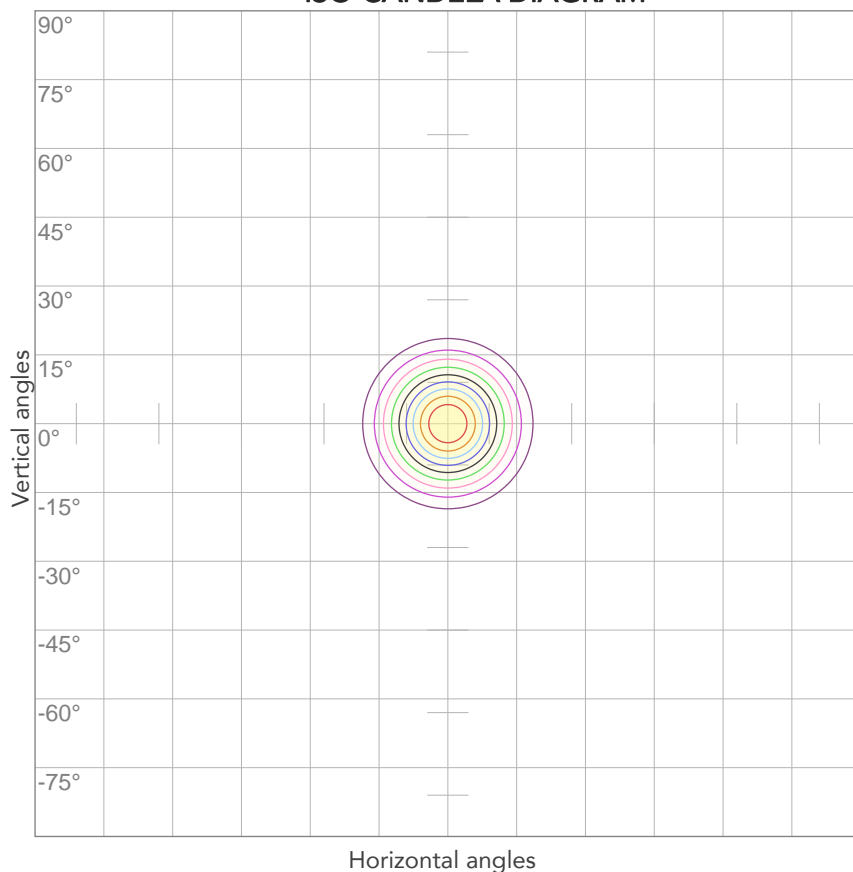
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,147A	21,7W	6lm/W

ISO CANDELA DIAGRAM



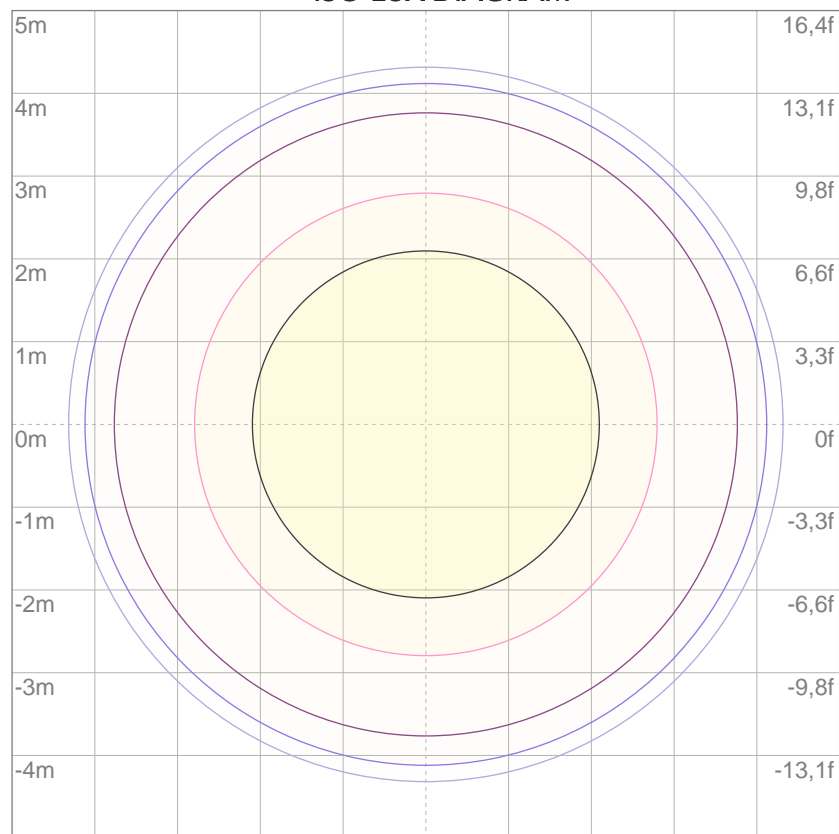
10%	76 cd
20%	152 cd
30%	228 cd
40%	304 cd
50%	380 cd
60%	456 cd
70%	532 cd
80%	608 cd

Conditions:

Number of c-planes: 2

Candela at center: 761 cd

ISO LUX DIAGRAM



3%	0,228 lx
5%	0,380 lx
10%	0,761 lx
30%	2,28 lx
50%	3,80 lx

Conditions:

Number of c-planes: 2

Lux at center: 7,61 lx

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



Total lumen output:

116 lm

Peak candela output:

1785 cd

PRODUCT NAME:

Pixie Zoom

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

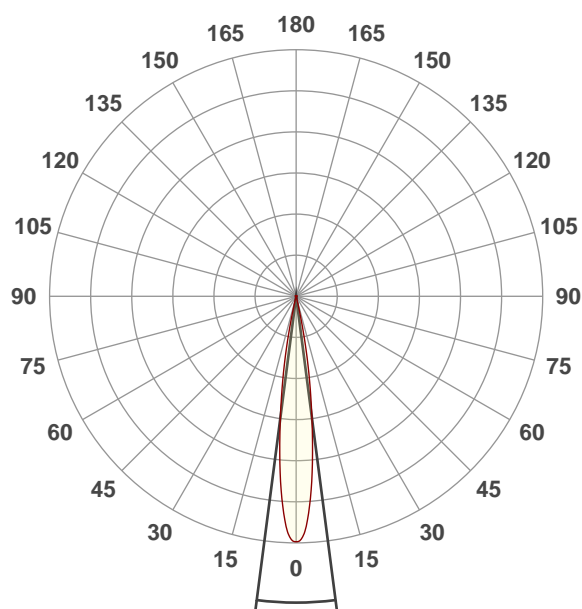
Red

Operator:

Paolo Carvone

Date and time:

08/06/2020 10:19:23

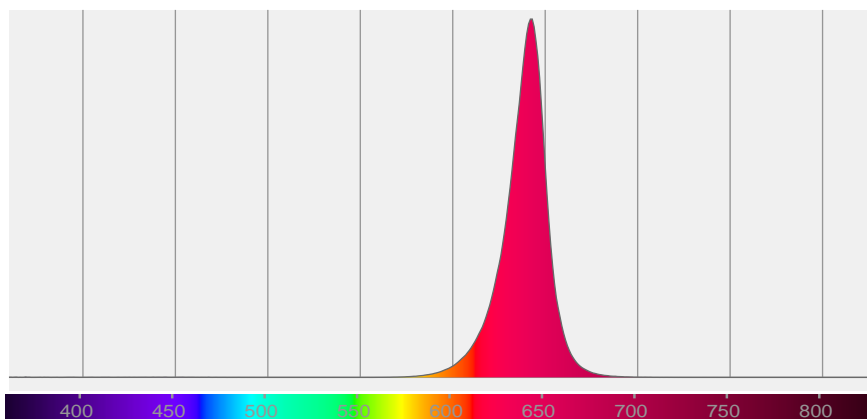


Beam angle 50%: 14,8°

Field angle 10%: 24°

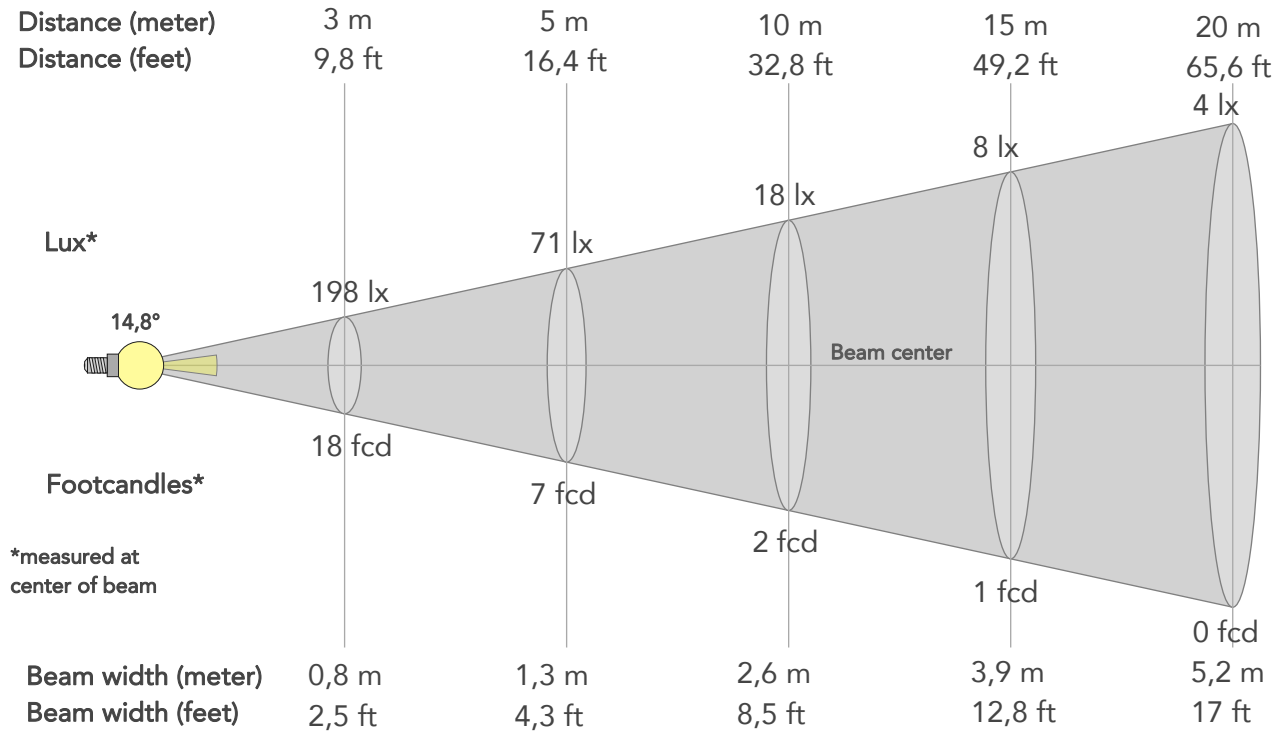
Cut off angle 2.5%: 27,1°

Spectra



BEAM DETAILS

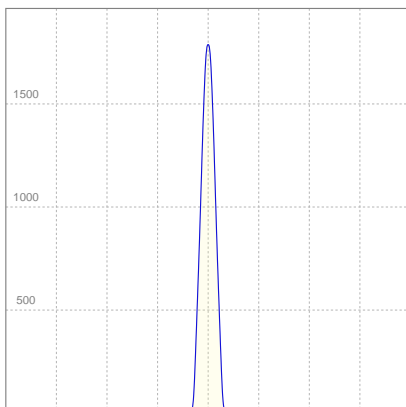
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,8°	24°	27,1°	99,7%	99,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	1785lx	446lx	198lx	112lx	71lx	32lx	18lx	8lx	4lx	3lx	2lx	1lx	1lx
Footcand.	166fcd	41fcd	18fcd	10fcd	7fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,3m	0,5m	0,8m	1m	1,3m	1,9m	2,6m	3,9m	5,2m	6,5m	7,8m	10,4m	13m
Beam wid.	0,9ft	1,7ft	2,5ft	3,4ft	4,3ft	6,4ft	8,5ft	12,8ft	17ft	21,3ft	25,5ft	34ft	42,6ft

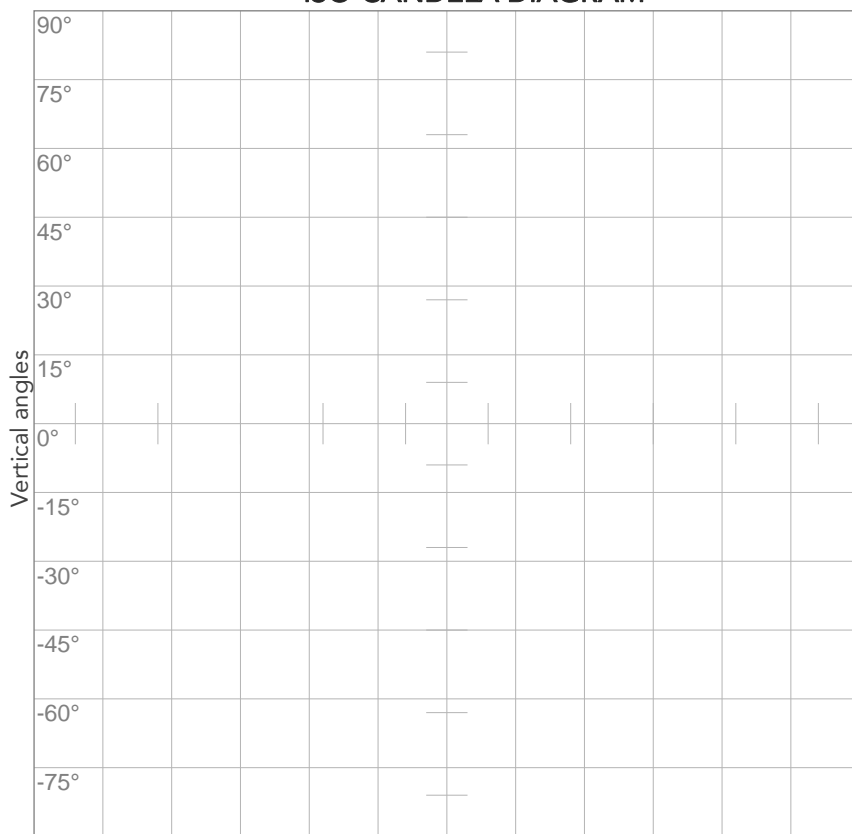
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,146A	21,4W	5lm/W

ISO CANDELA DIAGRAM



Horizontal angles

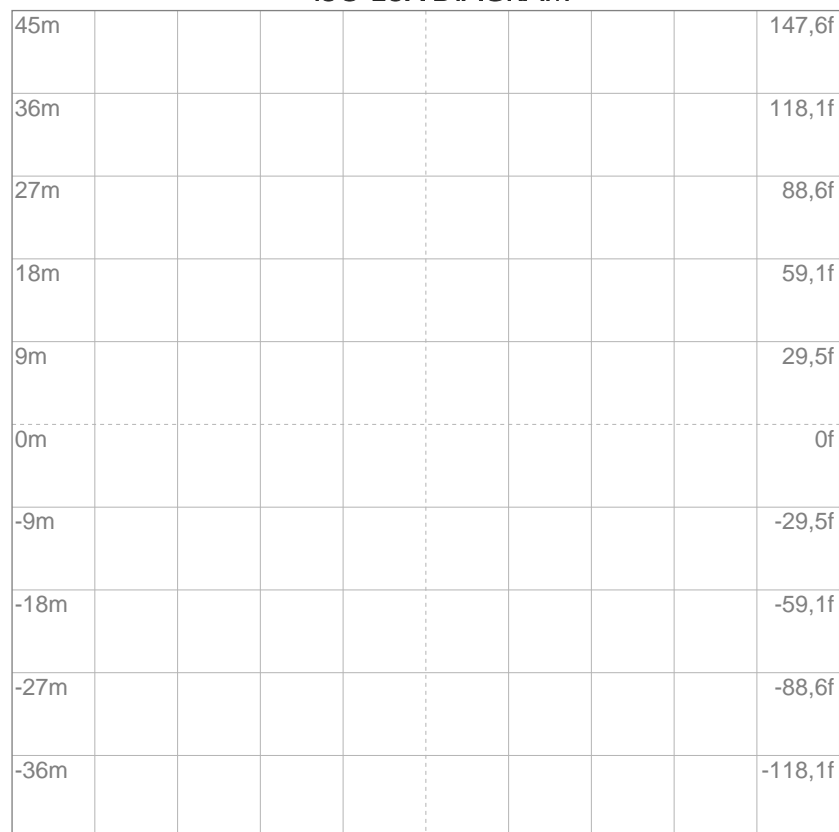
10%	178 cd
20%	357 cd
30%	535 cd
40%	714 cd
50%	892 cd
60%	1071 cd
70%	1249 cd
80%	1428 cd

Conditions:

Number of c-planes: 2

Candela at center: 1785 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,535 lx
5%	0,892 lx
10%	1,78 lx
30%	5,35 lx
50%	8,92 lx

Conditions:

Number of c-planes: 2

Lux at center: 17,8 lx

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



Total lumen output:

116 lm

Peak candela output:

11280 cd

PRODUCT NAME:

Pixie Zoom

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

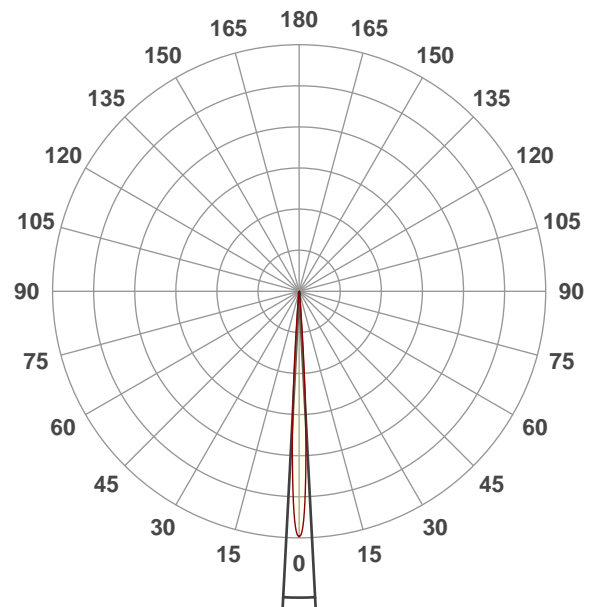
Red

Operator:

Paolo Carvone

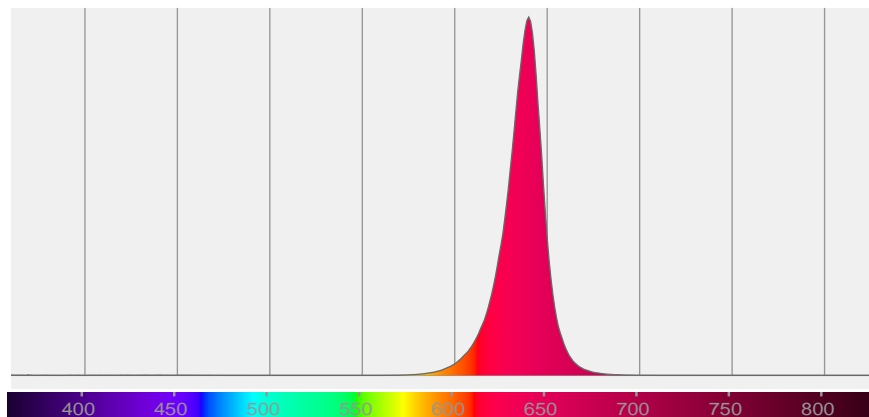
Date and time:

08/06/2020 09:36:27



Beam angle 50%: 6°
Field angle 10%: 9,4°
Cut off angle 2.5%: 11,2°

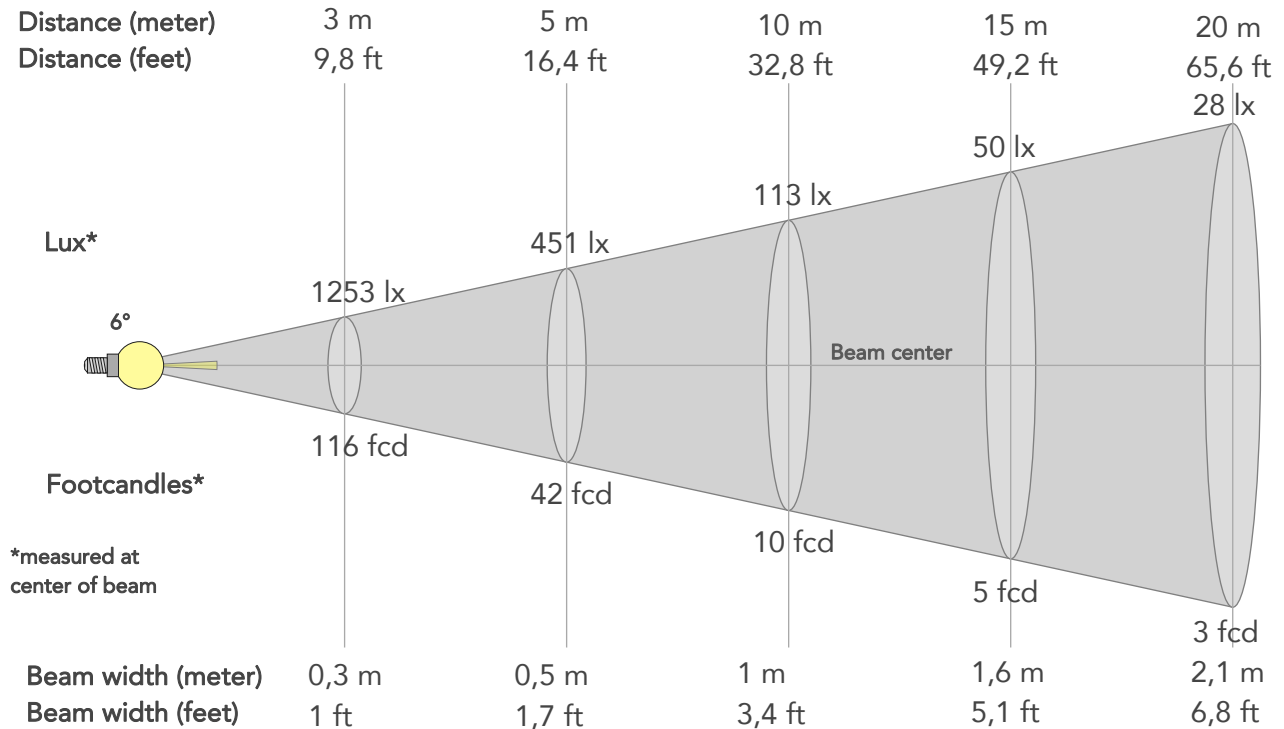
Spectra



BEAM DETAILS



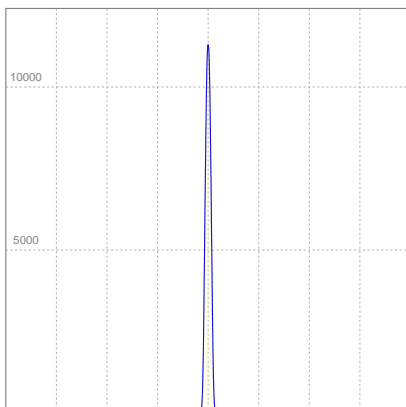
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
6°	9,4°	11,2°	99,8%	99,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	11280lx	2820lx	1253lx	705lx	451lx	201lx	113lx	50lx	28lx	18lx	13lx	7lx	5lx
Footcand.	1048fcd	262fcd	116fcd	65fcd	42fcd	19fcd	10fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,6m	2,1m	2,6m	3,1m	4,2m	5,2m
Beam wid.	0,3ft	0,7ft	1ft	1,4ft	1,7ft	2,6ft	3,4ft	5,1ft	6,8ft	8,5ft	10,3ft	13,7ft	17,1ft

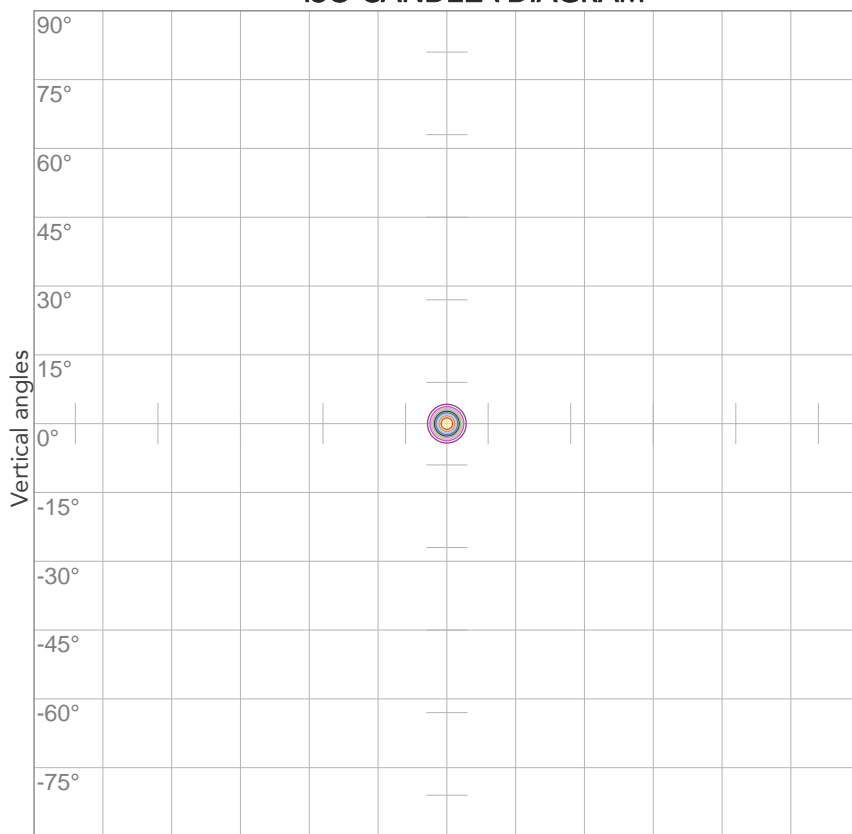
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,147A	21,6W	5lm/W

ISO CANDELA DIAGRAM



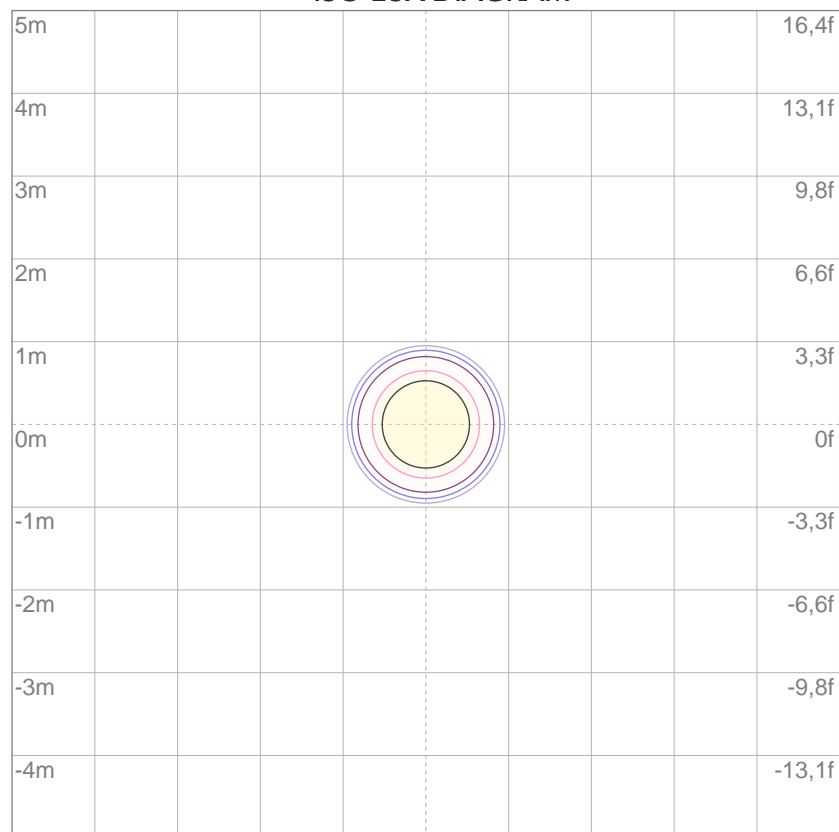
10%	1128 cd
20%	2256 cd
30%	3384 cd
40%	4512 cd
50%	5640 cd
60%	6768 cd
70%	7896 cd
80%	9024 cd

Conditions:

Number of c-planes: 2

Candela at center: 11280 cd

ISO LUX DIAGRAM



3%	3,38 lx
5%	5,64 lx
10%	11,3 lx
30%	33,8 lx
50%	56,4 lx

Conditions:

Number of c-planes: 2

Lux at center: 113 lx

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

Mounting height: 10 meters (33 feet)



Total lumen output:

317 lm

Peak candela output:

1814 cd

PRODUCT NAME:

Pixie Zoom

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

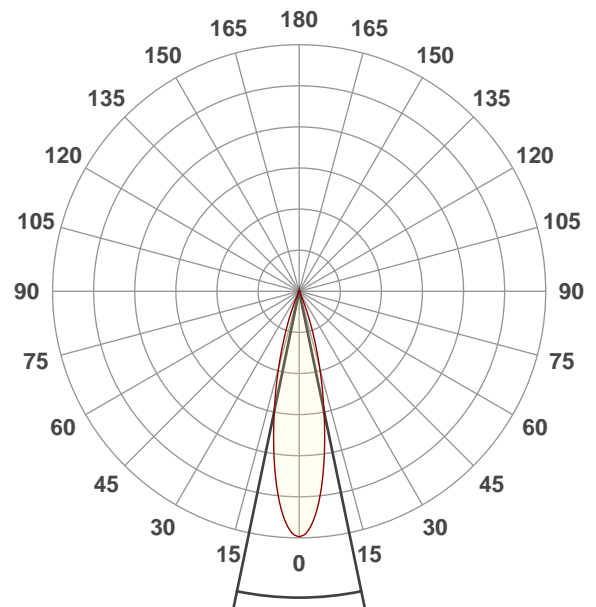
Green

Operator:

Paolo Carvone

Date and time:

08/06/2020 09:28:20

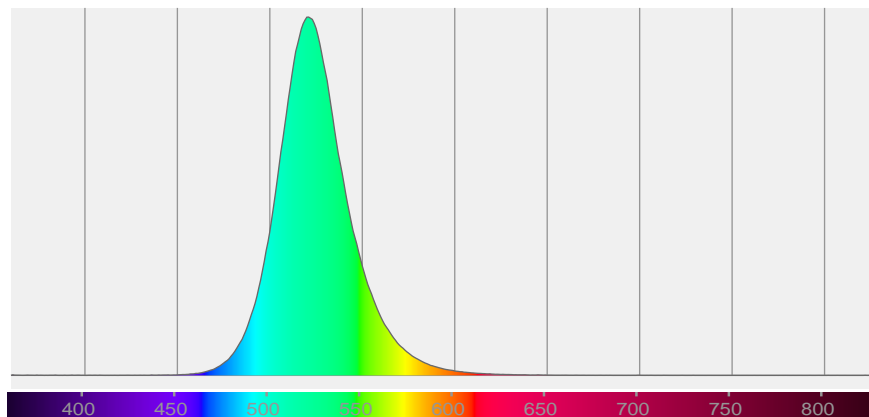


Beam angle 50%: 23,4°

Field angle 10%: 41,2°

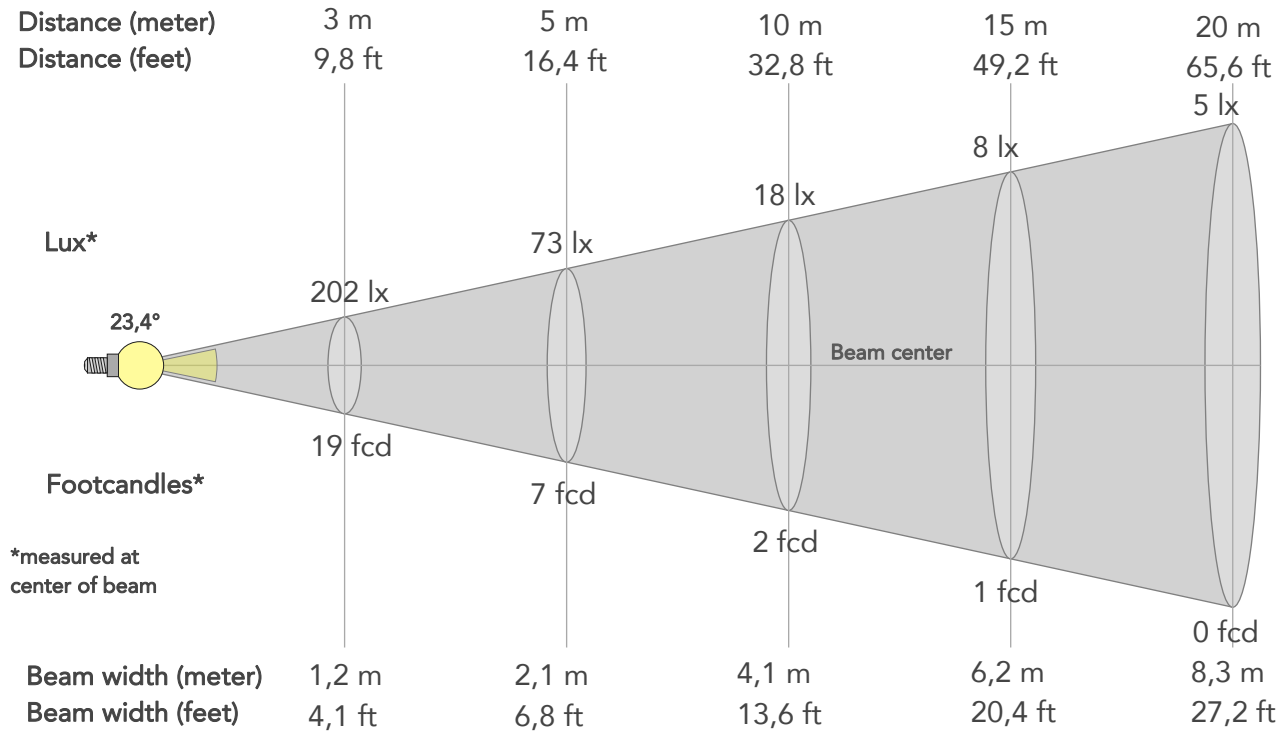
Cut off angle 2.5%: 47,2°

Spectra



BEAM DETAILS

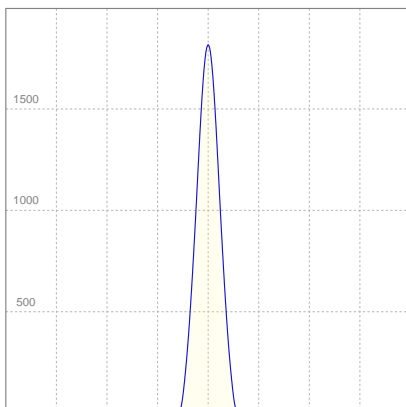
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,4°	41,2°	47,2°	99,5%	99,4%



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	1814lx	454lx	202lx	113lx	73lx	32lx	18lx	8lx	5lx	3lx	2lx	1lx	1lx
Footcand.	169fcd	42fcd	19fcd	11fcd	7fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,2m	1,7m	2,1m	3,1m	4,1m	6,2m	8,3m	10,4m	12,4m	16,6m	20,7m
Beam wid.	1,4ft	2,7ft	4,1ft	5,4ft	6,8ft	10,2ft	13,6ft	20,4ft	27,2ft	34ft	40,8ft	54,4ft	68ft

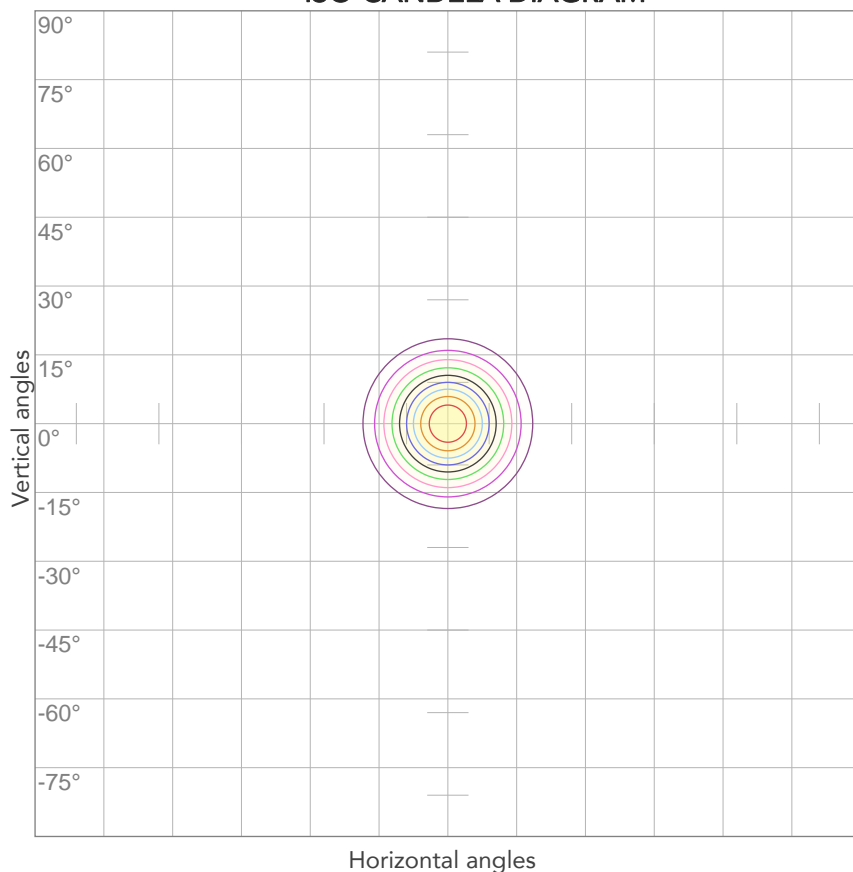
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,187A	31,6W	10lm/W

ISO CANDELA DIAGRAM



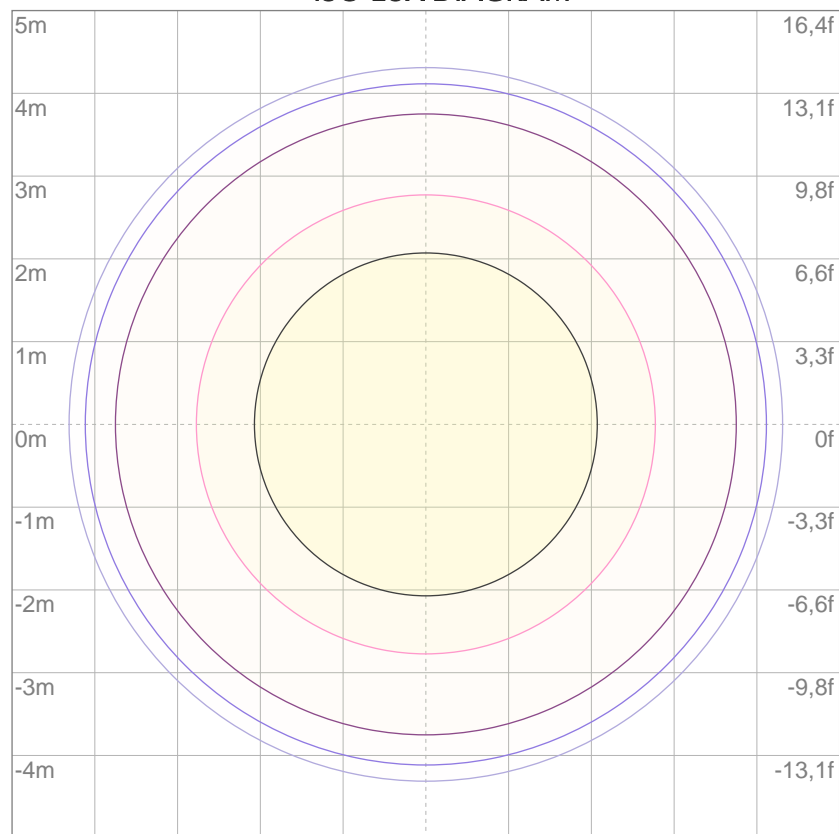
10%	181 cd
20%	363 cd
30%	544 cd
40%	726 cd
50%	907 cd
60%	1088 cd
70%	1270 cd
80%	1451 cd

Conditions:

Number of c-planes: 2

Candela at center: 1814 cd

ISO LUX DIAGRAM



3%	0,544 lx
5%	0,907 lx
10%	1,81 lx
30%	5,44 lx
50%	9,07 lx

Conditions:

Number of c-planes: 2

Lux at center: 18,1 lx

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



Total lumen output:

302 lm

Peak candela output:

4657 cd

PRODUCT NAME:

Pixie Zoom

MEASUREMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

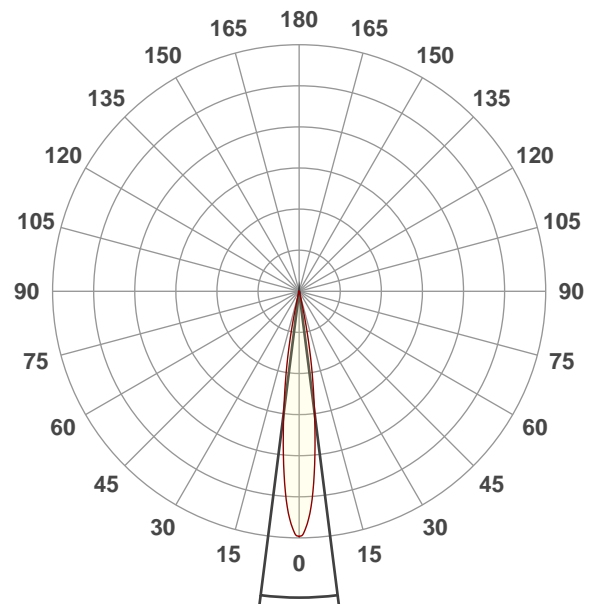
Green

Operator:

Paolo Carvone

Date and time:

08/06/2020 10:21:27

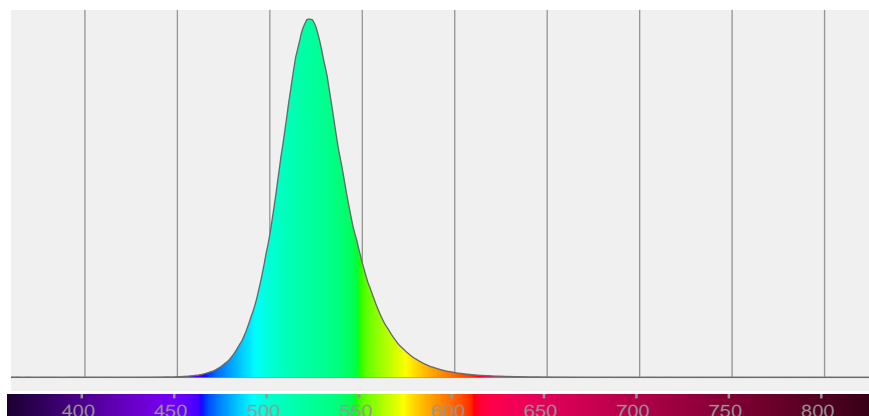


Beam angle 50%: 14,4°

Field angle 10%: 23,9°

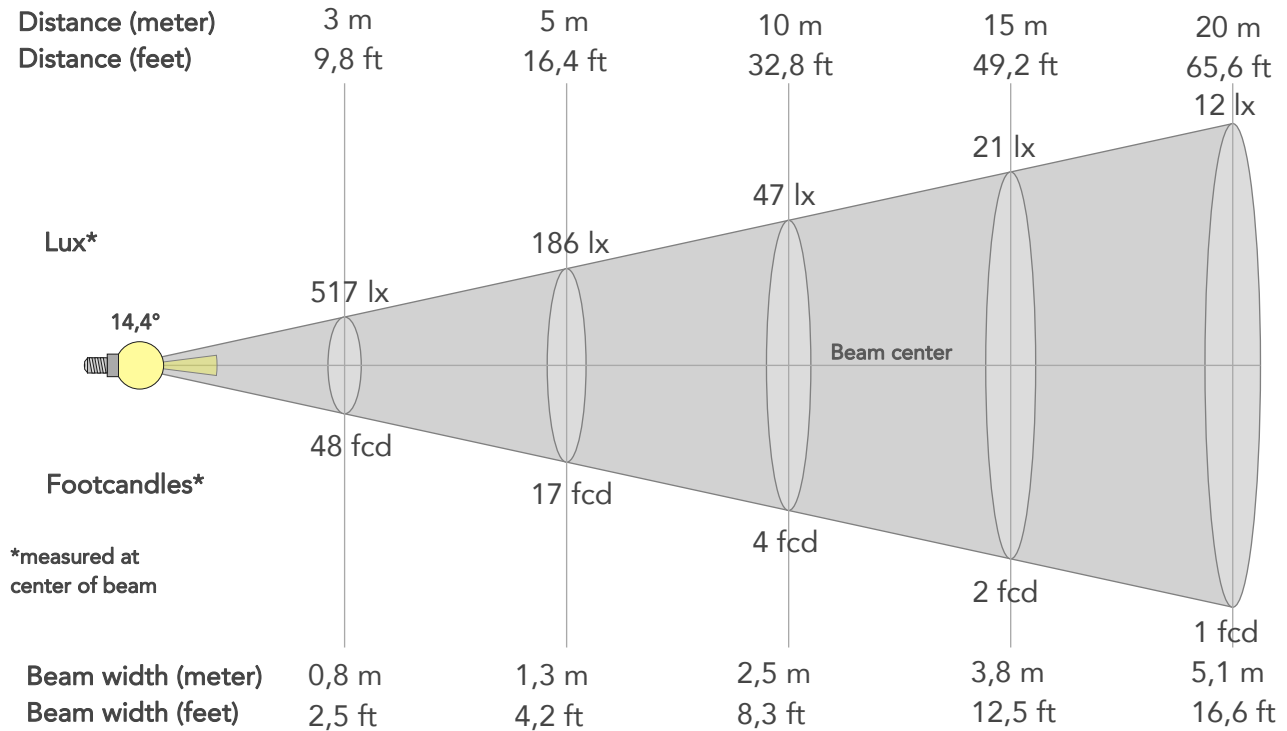
Cut off angle 2.5%: 27,2°

Spectra



BEAM DETAILS

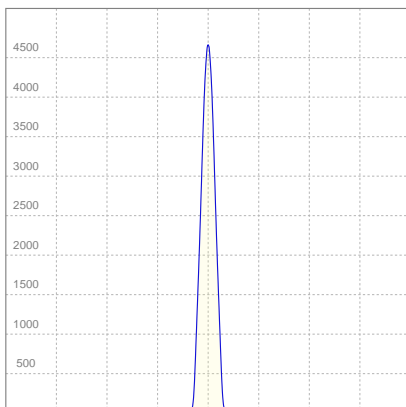
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,4°	23,9°	27,2°	99,8%	99,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4657lx	1164lx	517lx	291lx	186lx	83lx	47lx	21lx	12lx	7lx	5lx	3lx	2lx
Footcand.	433fcd	108fcd	48fcd	27fcd	17fcd	8fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,3m	0,5m	0,8m	1m	1,3m	1,9m	2,5m	3,8m	5,1m	6,3m	7,6m	10,1m	12,7m
Beam wid.	0,8ft	1,7ft	2,5ft	3,3ft	4,2ft	6,2ft	8,3ft	12,5ft	16,6ft	20,8ft	24,9ft	33,2ft	41,5ft

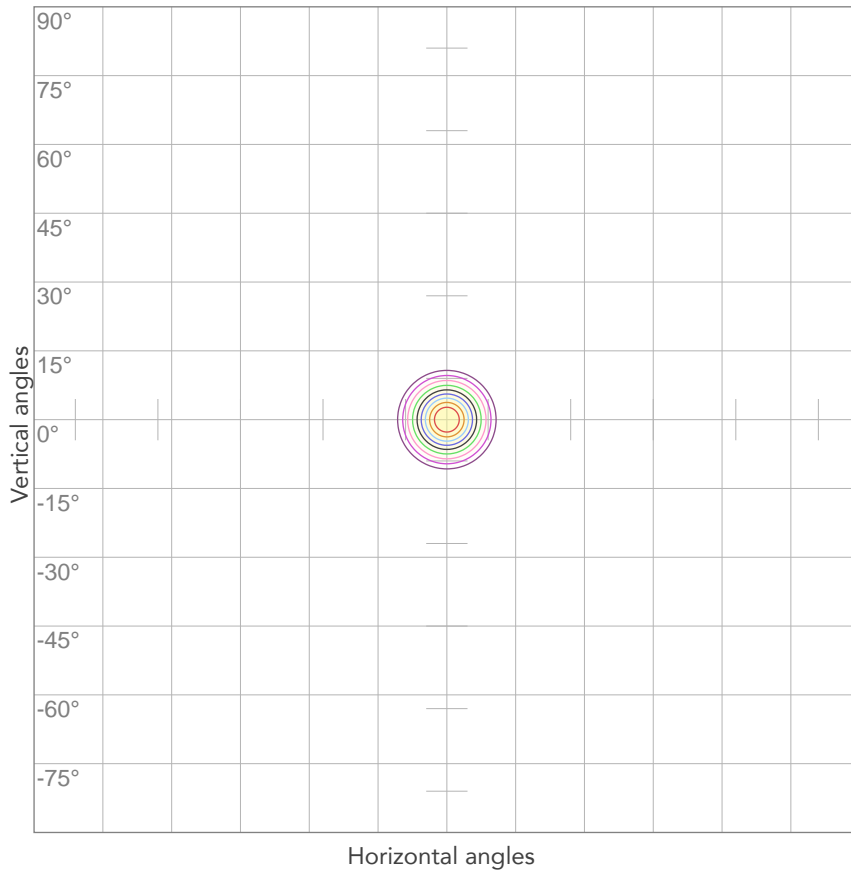
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,185A	31,2W	10lm/W

ISO CANDELA DIAGRAM



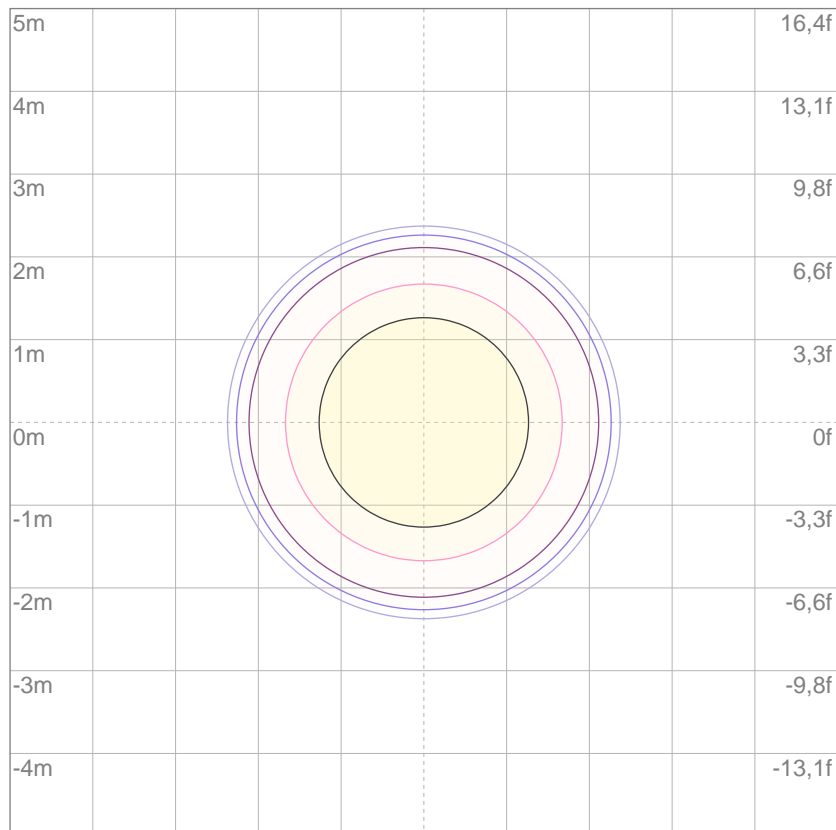
10%	466 cd
20%	931 cd
30%	1397 cd
40%	1863 cd
50%	2329 cd
60%	2794 cd
70%	3260 cd
80%	3726 cd

Conditions:

Number of c-planes: 2

Candela at center: 4657 cd

ISO LUX DIAGRAM



3%	1,40 lx
5%	2,33 lx
10%	4,66 lx
30%	14,0 lx
50%	23,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 46,6 lx

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



Total lumen output:

264 lm

Peak candela output:

26275 cd

PRODUCT NAME:

Pixie Zoom

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

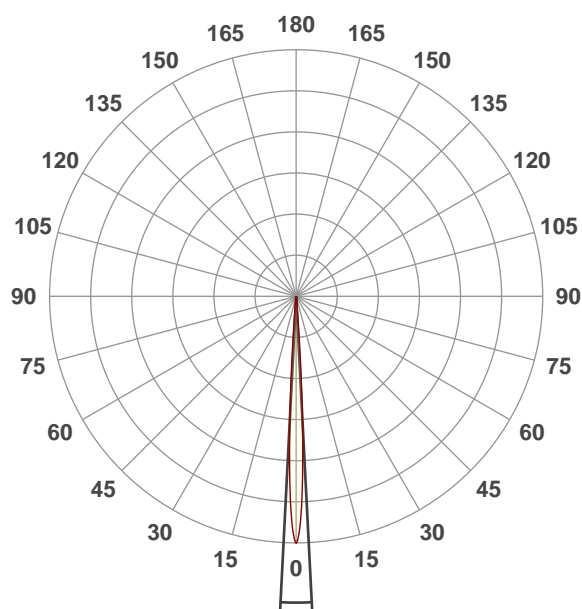
Green

Operator:

Paolo Carvone

Date and time:

08/06/2020 09:38:12

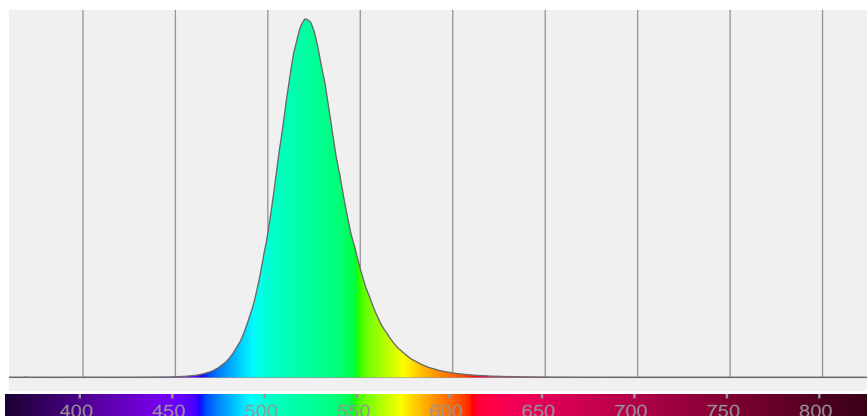


Beam angle 50%: 5,8°

Field angle 10%: 9,4°

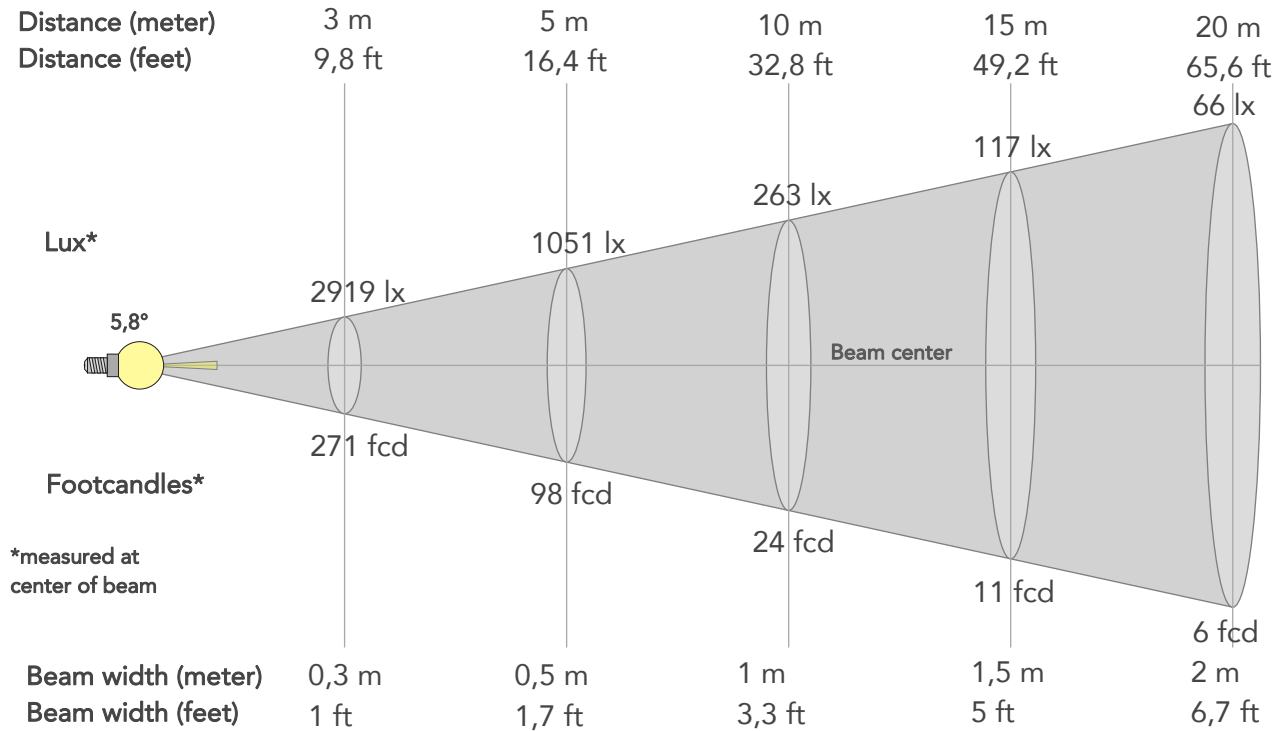
Cut off angle 2.5%: 11,4°

Spectra



BEAM DETAILS

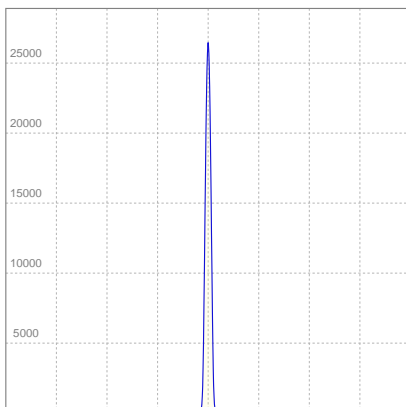
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,8°	9,4°	11,4°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	26275lx	6569lx	2919lx	1642lx	1051lx	467lx	263lx	117lx	66lx	42lx	29lx	16lx	11lx
Footcand.	2441fcd	610fcd	271fcd	153fcd	98fcd	43fcd	24fcd	11fcd	6fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2m	2,6m	3,1m	4,1m	5,1m
Beam wid.	0,3ft	0,7ft	1ft	1,3ft	1,7ft	2,5ft	3,3ft	5ft	6,7ft	8,4ft	10ft	13,4ft	16,7ft

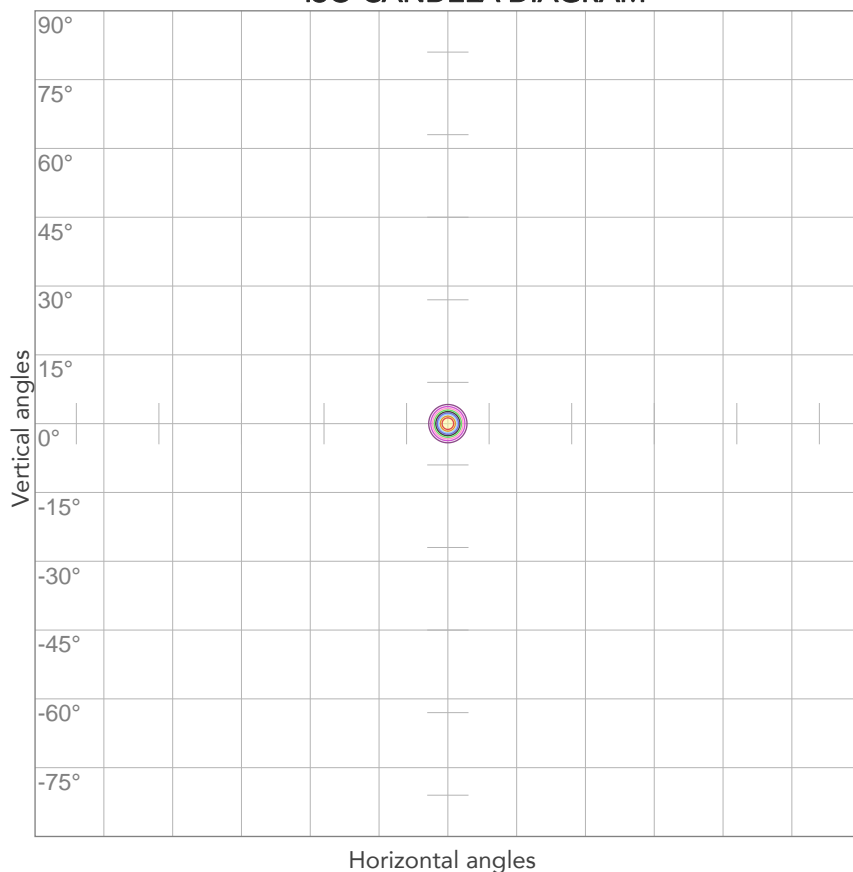
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,186A	31,5W	8lm/W

ISO CANDELA DIAGRAM



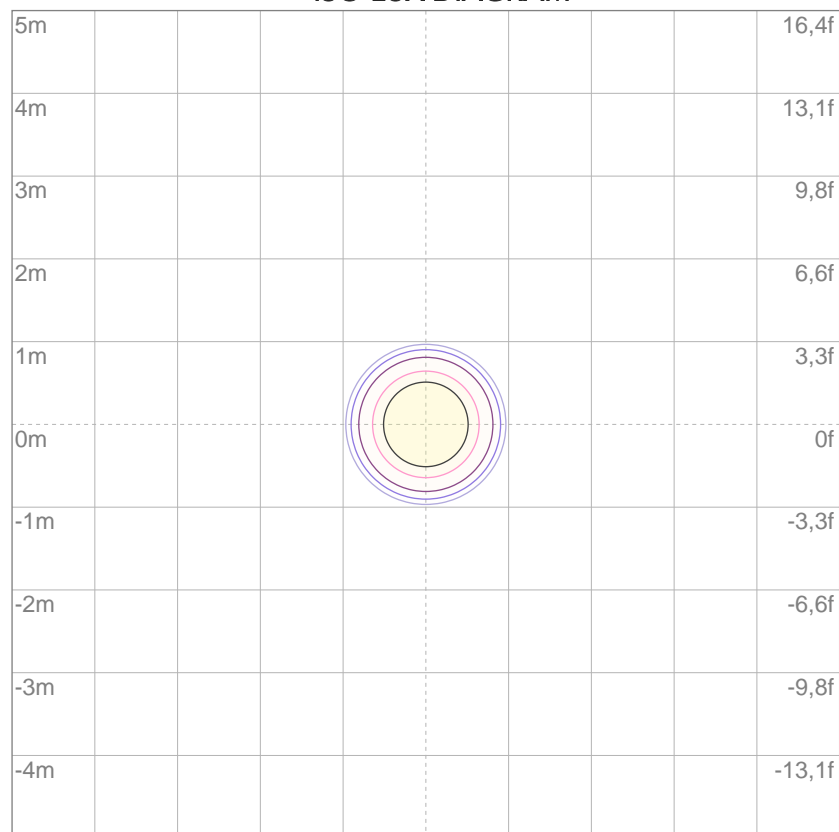
10%	2628 cd
20%	5255 cd
30%	7883 cd
40%	10510 cd
50%	13138 cd
60%	15765 cd
70%	18393 cd
80%	21020 cd

Conditions:

Number of c-planes: 2

Candela at center: 26275 cd

ISO LUX DIAGRAM



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

Conditions:

Number of c-planes: 2

Lux at center: 263 lx

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



Total lumen output:

72,0 lm

Peak candela output:

410 cd

PRODUCT NAME:

Pixie Zoom

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

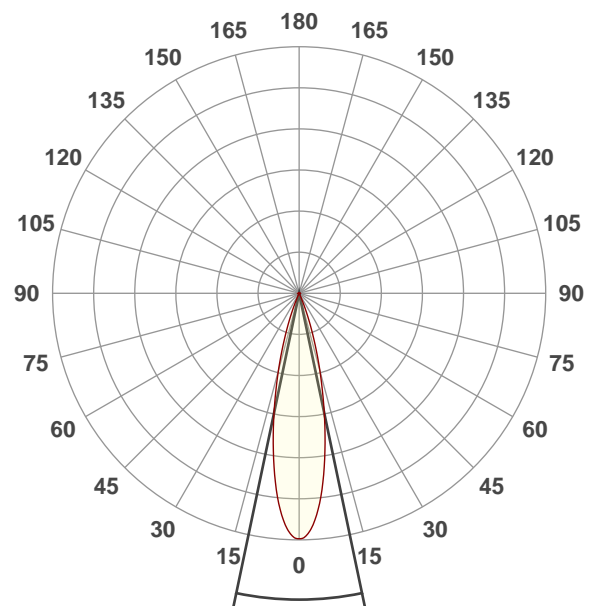
Blue

Operator:

Paolo Carvone

Date and time:

08/06/2020 09:30:16

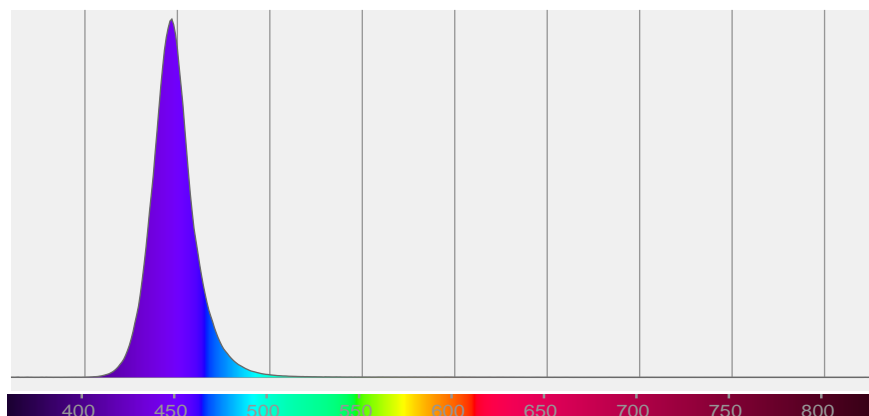


Beam angle 50%: 23,7°

Field angle 10%: 41°

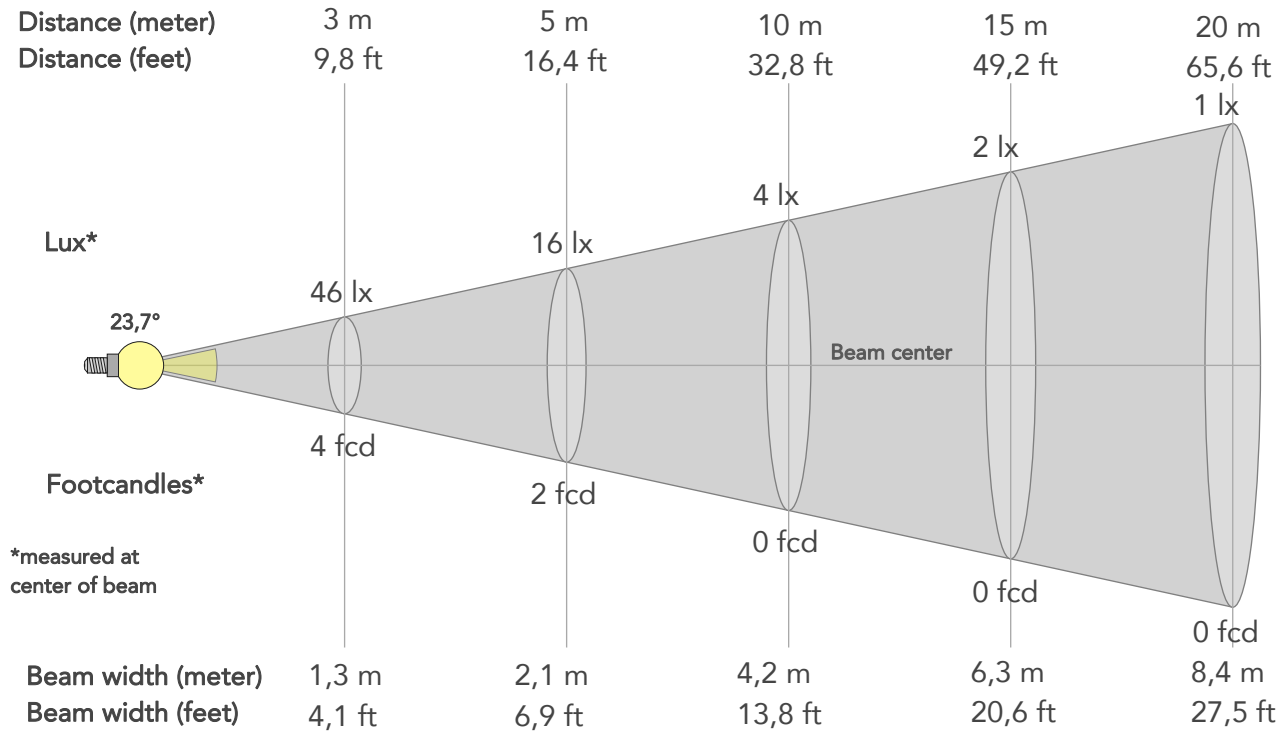
Cut off angle 2.5%: 47°

Spectra



BEAM DETAILS

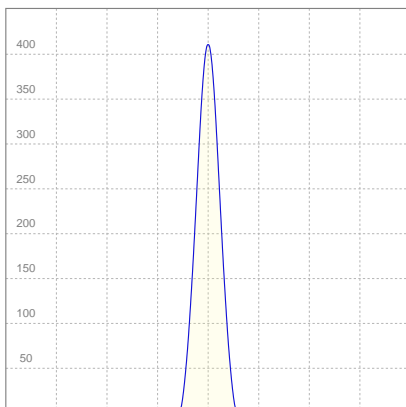
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,7°	41°	47°	99,5%	99,4%



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	410lx	103lx	46lx	26lx	16lx	7lx	4lx	2lx	1lx	1lx	0lx	0lx	0lx
Footcand.	38fcd	10fcd	4fcd	2fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,3m	1,7m	2,1m	3,1m	4,2m	6,3m	8,4m	10,5m	12,6m	16,8m	21m
Beam wid.	1,4ft	2,8ft	4,1ft	5,5ft	6,9ft	10,3ft	13,8ft	20,6ft	27,5ft	34,4ft	41,3ft	55ft	68,8ft

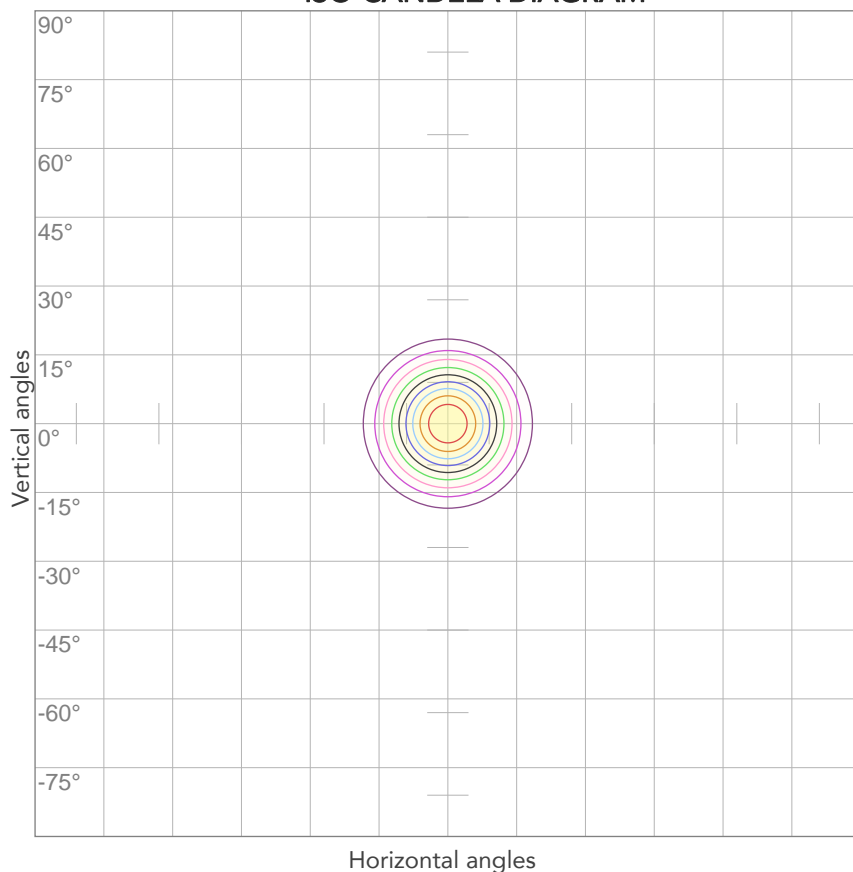
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,171A	27,9W	3lm/W

ISO CANDELA DIAGRAM



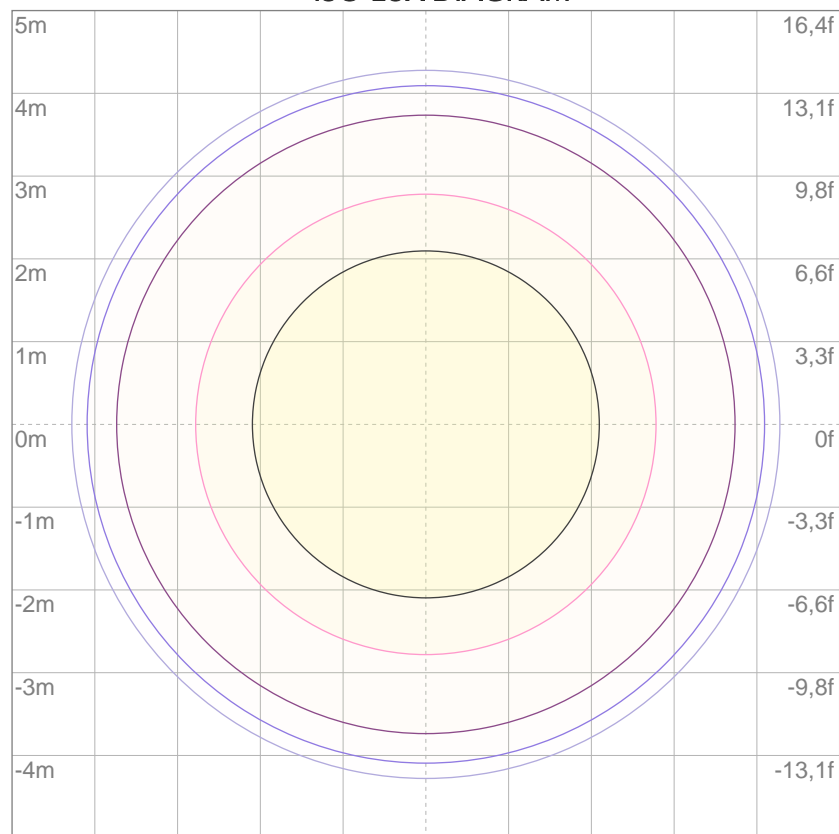
10%	41 cd
20%	82 cd
30%	123 cd
40%	164 cd
50%	205 cd
60%	246 cd
70%	287 cd
80%	328 cd

Conditions:

Number of c-planes: 2

Candela at center: 410 cd

ISO LUX DIAGRAM



3%	0,123 lx
5%	0,205 lx
10%	0,410 lx
30%	1,23 lx
50%	2,05 lx

Conditions:

Number of c-planes: 2

Lux at center: 4,10 lx

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



Total lumen output:

72,8 lm

Peak candela output:

1065 cd

PRODUCT NAME:

Pixie Zoom

MEASUREMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

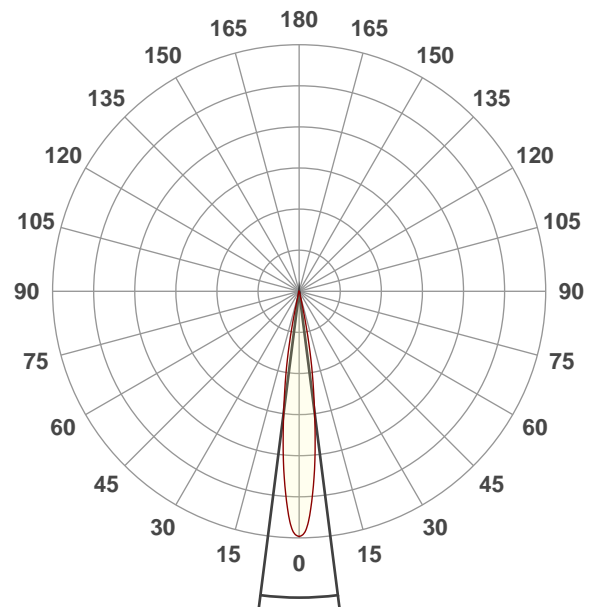
Blue

Operator:

Paolo Carvone

Date and time:

08/06/2020 10:23:57

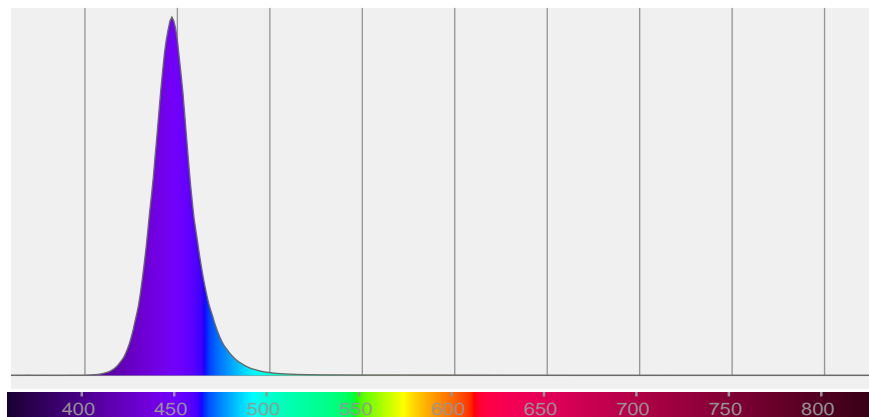


Beam angle 50%: 14,5°

Field angle 10%: 24°

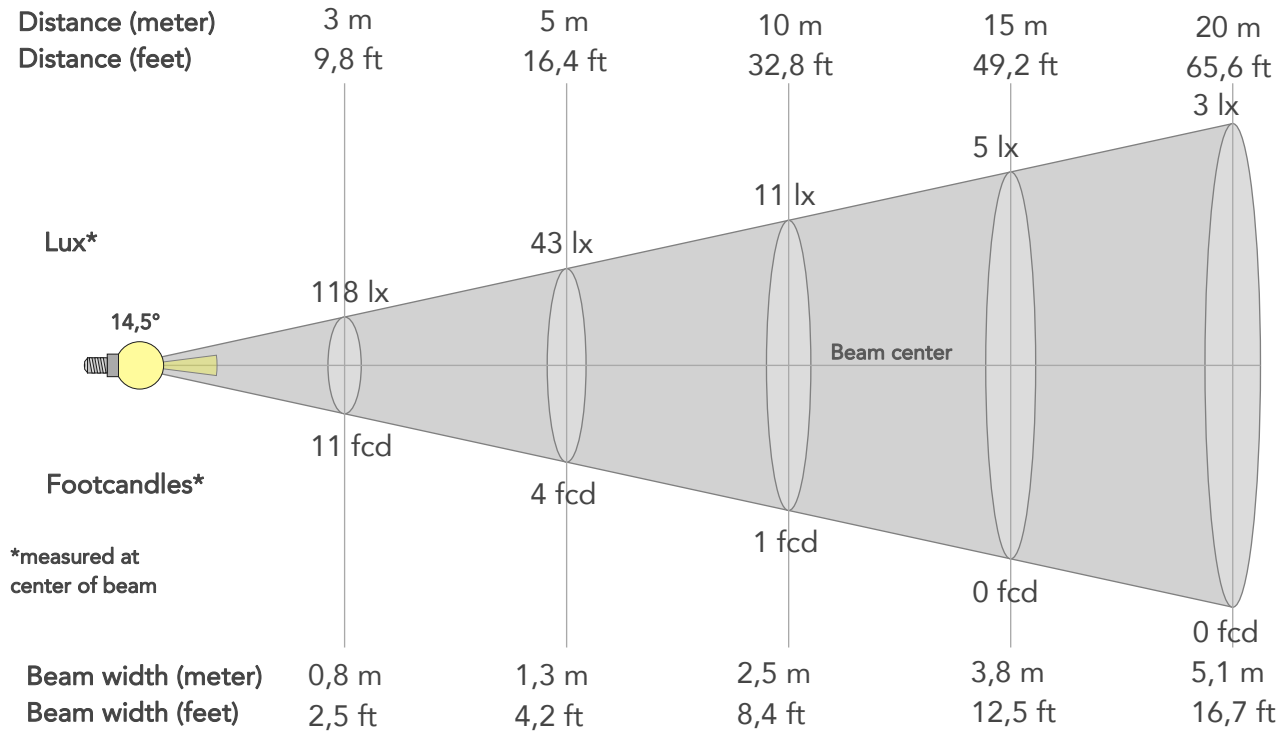
Cut off angle 2.5%: 28°

Spectra



BEAM DETAILS

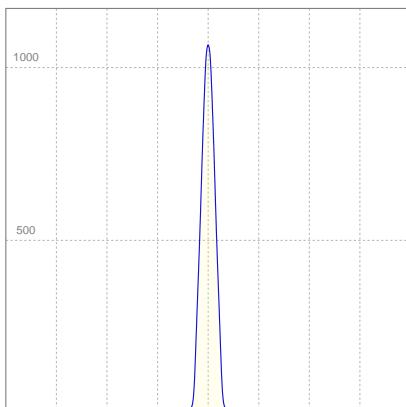
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,5°	24°	28°	99,6%	99,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	1065lx	266lx	118lx	67lx	43lx	19lx	11lx	5lx	3lx	2lx	1lx	1lx	0lx
Footcand.	99fcd	25fcd	11fcd	6fcd	4fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,3m	0,5m	0,8m	1m	1,3m	1,9m	2,5m	3,8m	5,1m	6,4m	7,6m	10,2m	12,7m
Beam wid.	0,8ft	1,7ft	2,5ft	3,3ft	4,2ft	6,3ft	8,4ft	12,5ft	16,7ft	20,9ft	25,1ft	33,4ft	41,8ft

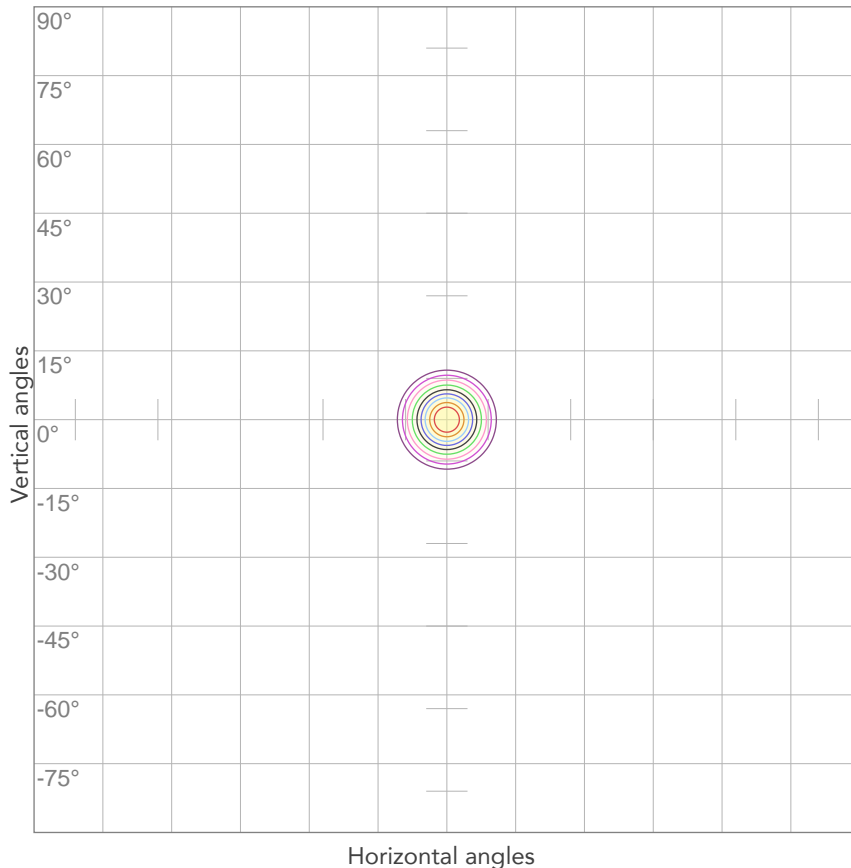
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,170A	27,6W	3lm/W

ISO CANDELA DIAGRAM



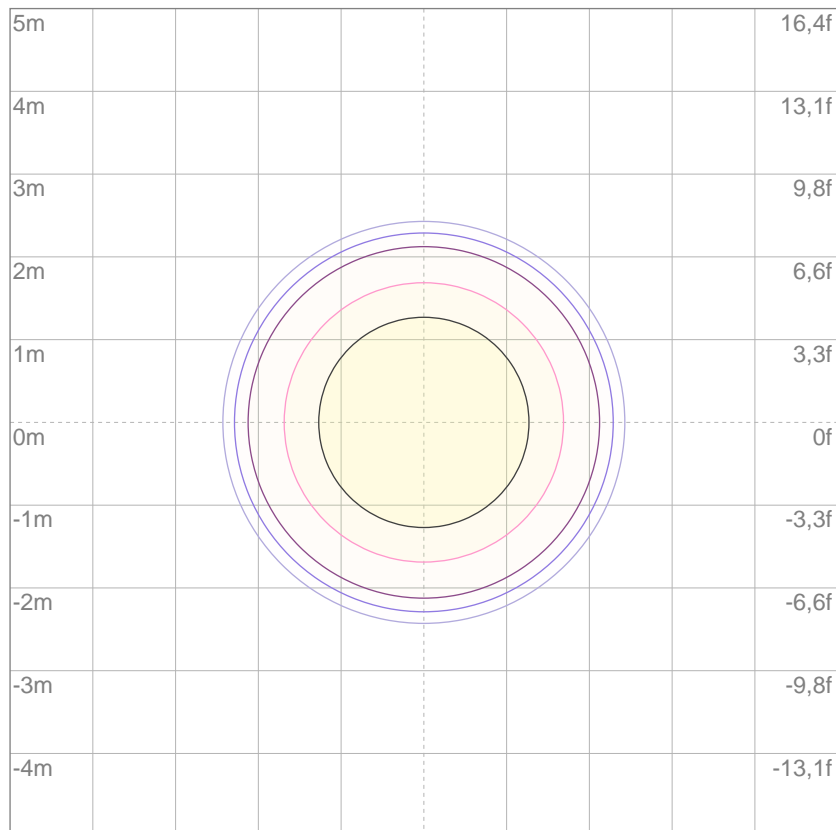
10%	106 cd
20%	213 cd
30%	319 cd
40%	426 cd
50%	532 cd
60%	639 cd
70%	745 cd
80%	852 cd

Conditions:

Number of c-planes: 2

Candela at center: 1065 cd

ISO LUX DIAGRAM



3%	0,319 lx
5%	0,532 lx
10%	1,06 lx
30%	3,19 lx
50%	5,32 lx

Conditions:

Number of c-planes: 2

Lux at center: 10,6 lx

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



Total lumen output:

60,4 lm

Peak candela output:

5950 cd

PRODUCT NAME:

Pixie Zoom

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

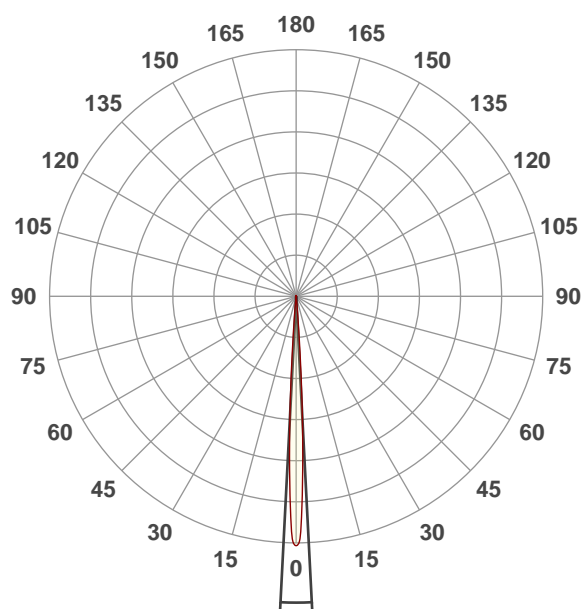
Blue

Operator:

Paolo Carvone

Date and time:

08/06/2020 09:39:50

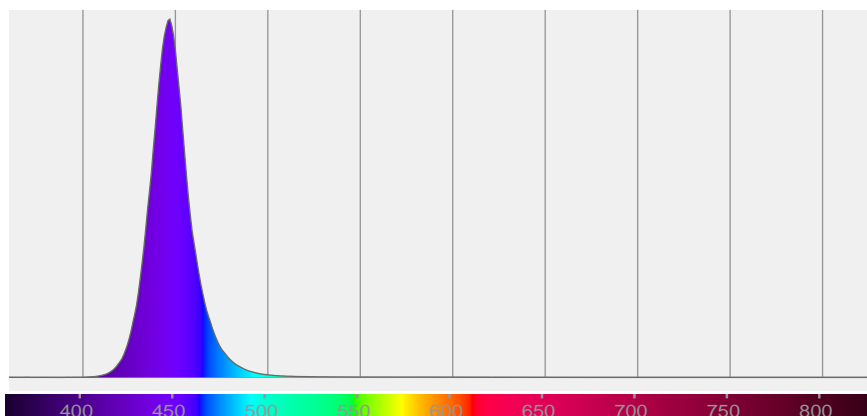


Beam angle 50%: 5,9°

Field angle 10%: 9,3°

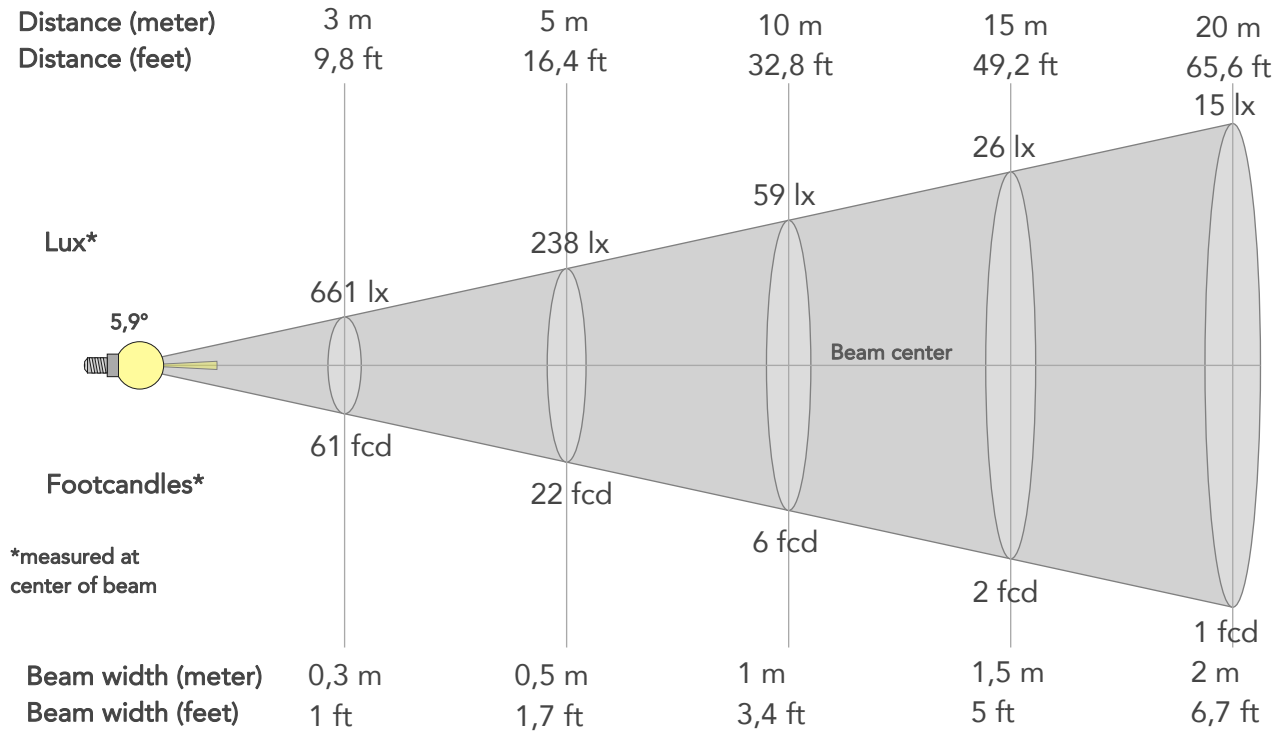
Cut off angle 2.5%: 11°

Spectra



BEAM DETAILS

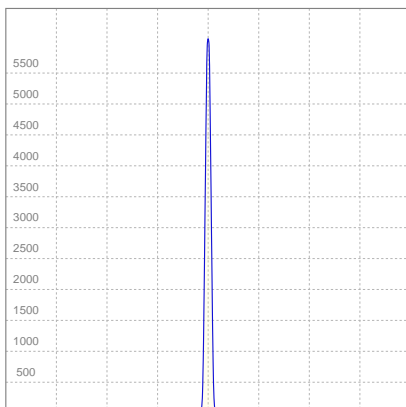
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	9,3°	11°	99,6%	99,5%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	5950lx	1487lx	661lx	372lx	238lx	106lx	59lx	26lx	15lx	10lx	7lx	4lx	2lx
Footcand.	553fcd	138fcd	61fcd	35fcd	22fcd	10fcd	6fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2m	2,6m	3,1m	4,1m	5,1m
Beam wid.	0,3ft	0,7ft	1ft	1,3ft	1,7ft	2,5ft	3,4ft	5ft	6,7ft	8,4ft	10,1ft	13,4ft	16,8ft

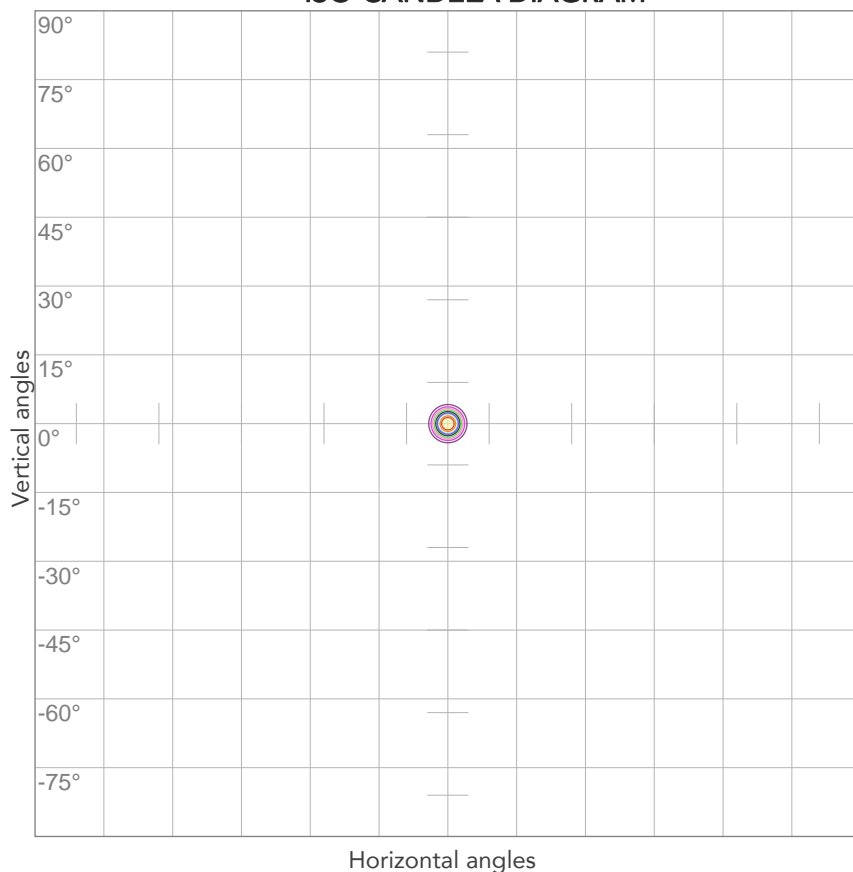
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,171A	27,8W	2lm/W

ISO CANDELA DIAGRAM



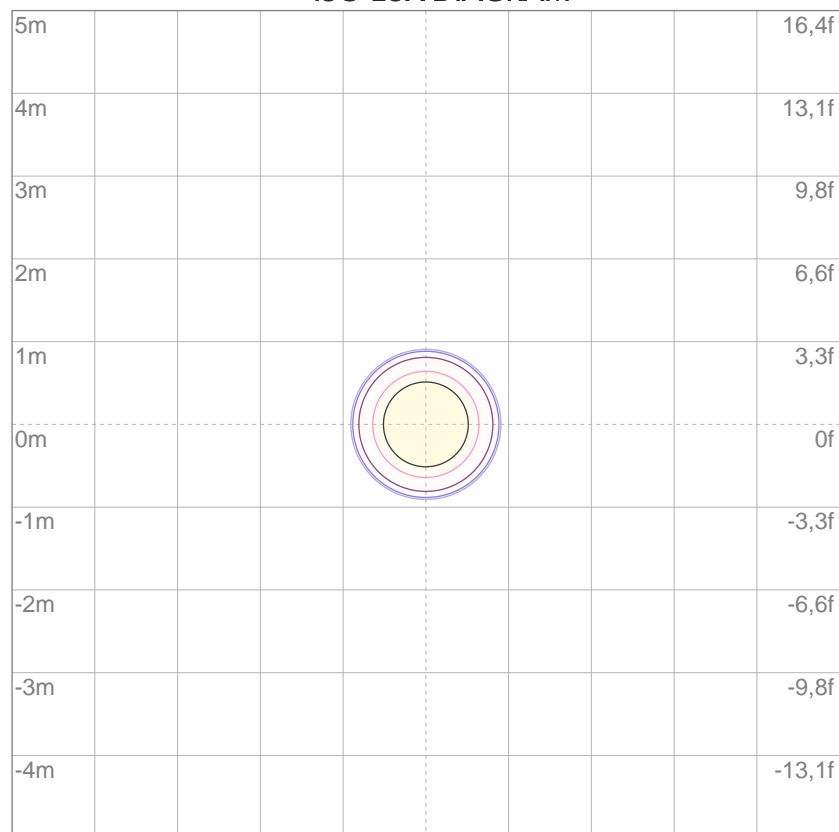
10%	595 cd
20%	1190 cd
30%	1785 cd
40%	2380 cd
50%	2975 cd
60%	3570 cd
70%	4165 cd
80%	4760 cd

Conditions:

Number of c-planes: 2

Candela at center: 5950 cd

ISO LUX DIAGRAM



3%	1,78 lx
5%	2,97 lx
10%	5,95 lx
30%	17,8 lx
50%	29,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 59,5 lx

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



Total lumen output:

501 lm

Peak candela output:

2799 cd

PRODUCT NAME:

Pixie Zoom

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

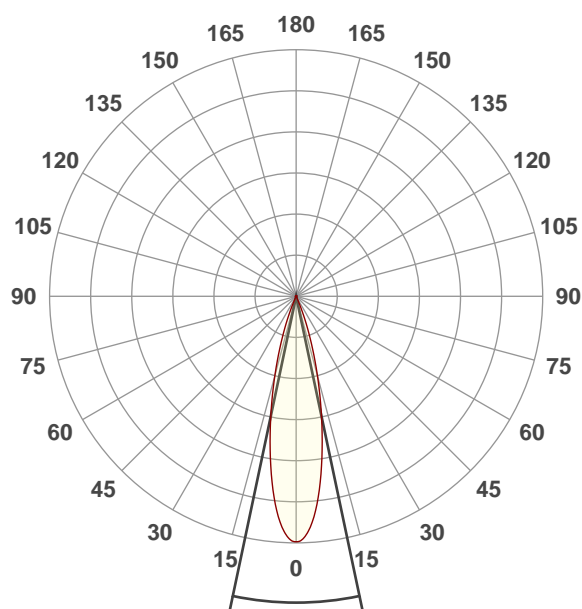
White

Operator:

Paolo Carvone

Date and time:

08/06/2020 09:32:18

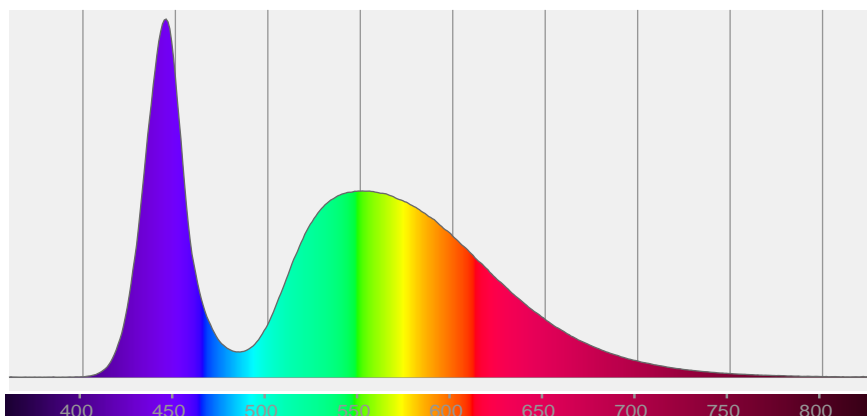


Beam angle 50%: 23,9°

Field angle 10%: 41,5°

Cut off angle 2.5%: 47,3°

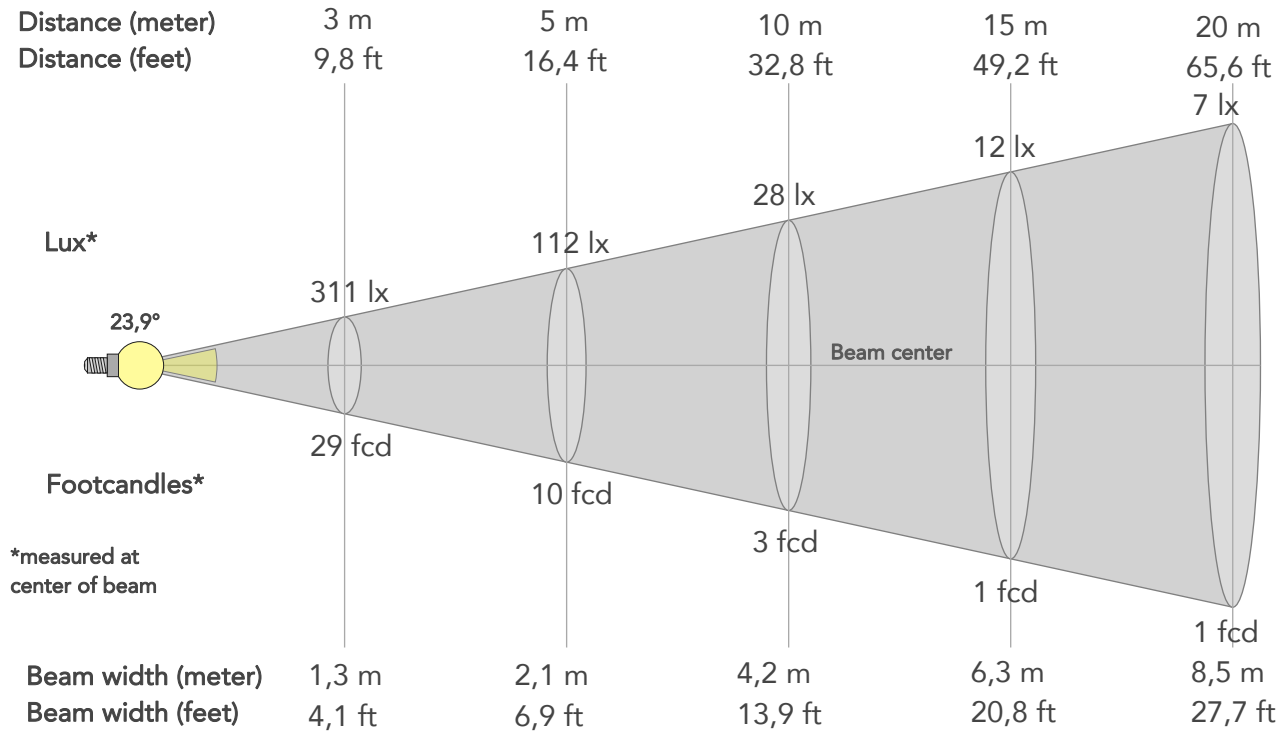
Spectra



BEAM DETAILS



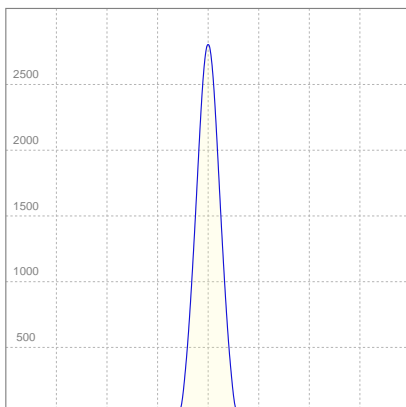
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,9°	41,5°	47,3°	99,5%	99,5%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	2799lx	700lx	311lx	175lx	112lx	50lx	28lx	12lx	7lx	4lx	3lx	2lx	1lx
Footcand.	260fcd	65fcd	29fcd	16fcd	10fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,3m	1,7m	2,1m	3,2m	4,2m	6,3m	8,5m	10,6m	12,7m	16,9m	21,1m
Beam wid.	1,4ft	2,8ft	4,1ft	5,5ft	6,9ft	10,4ft	13,9ft	20,8ft	27,7ft	34,7ft	41,6ft	55,5ft	69,3ft

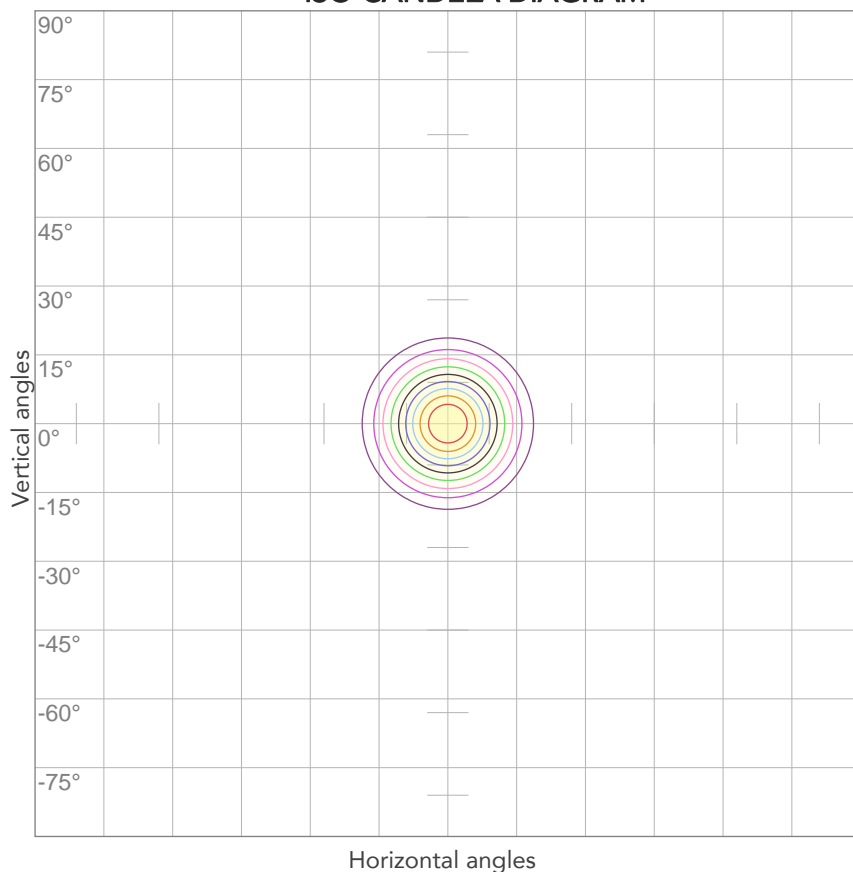
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,173A	28,2W	18lm/W

ISO CANDELA DIAGRAM



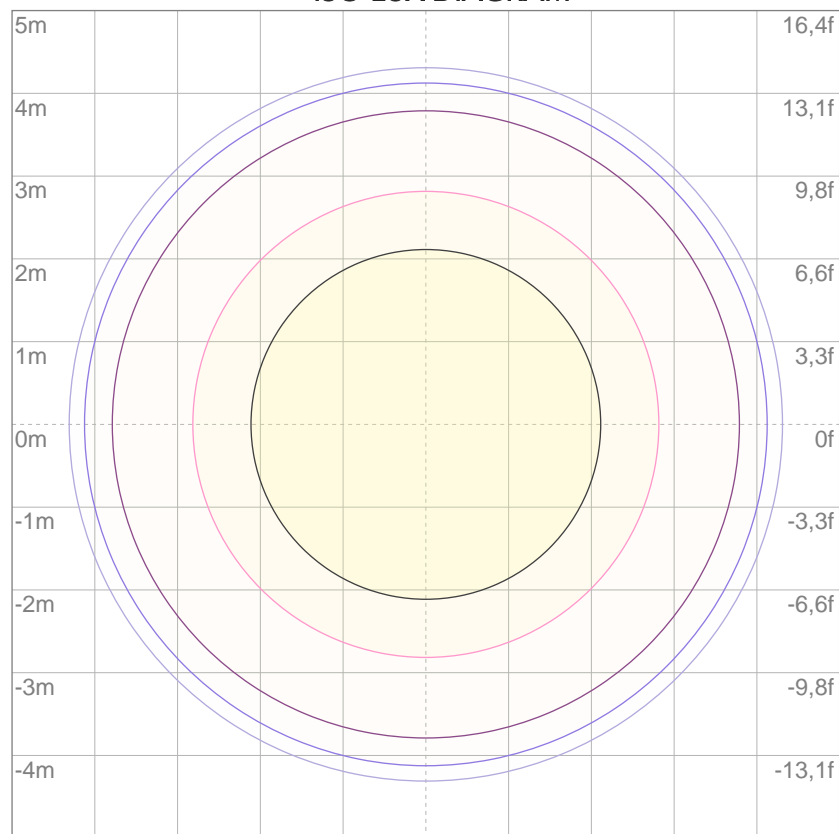
10%	280 cd
20%	560 cd
30%	840 cd
40%	1119 cd
50%	1399 cd
60%	1679 cd
70%	1959 cd
80%	2239 cd

Conditions:

Number of c-planes: 2

Candela at center: 2799 cd

ISO LUX DIAGRAM



3%	0,840 lx
5%	1,40 lx
10%	2,80 lx
30%	8,40 lx
50%	14,0 lx

Conditions:

Number of c-planes: 2

Lux at center: 28,0 lx

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



Total lumen output:

486 lm

Peak candela output:

7210 cd

PRODUCT NAME:

Pixie Zoom

MEASUREMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

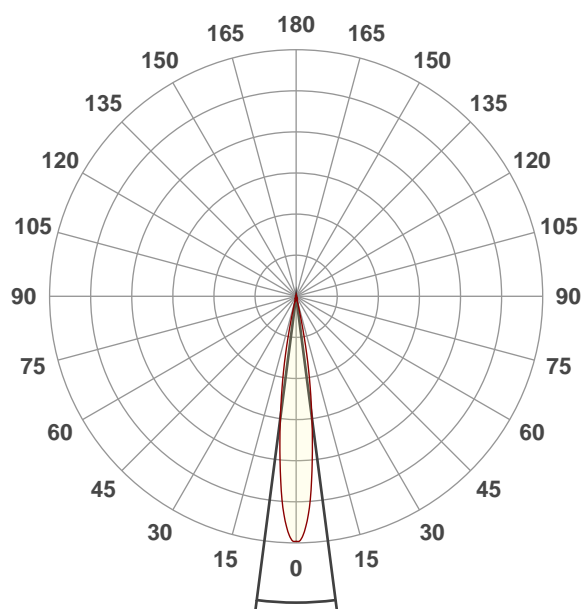
White

Operator:

Paolo Carvone

Date and time:

08/06/2020 10:27:00

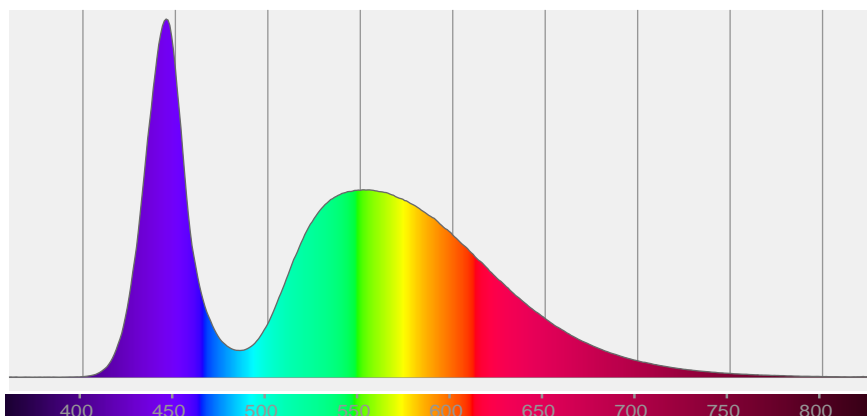


Beam angle 50%: 14,8°

Field angle 10%: 24,1°

Cut off angle 2.5%: 27,5°

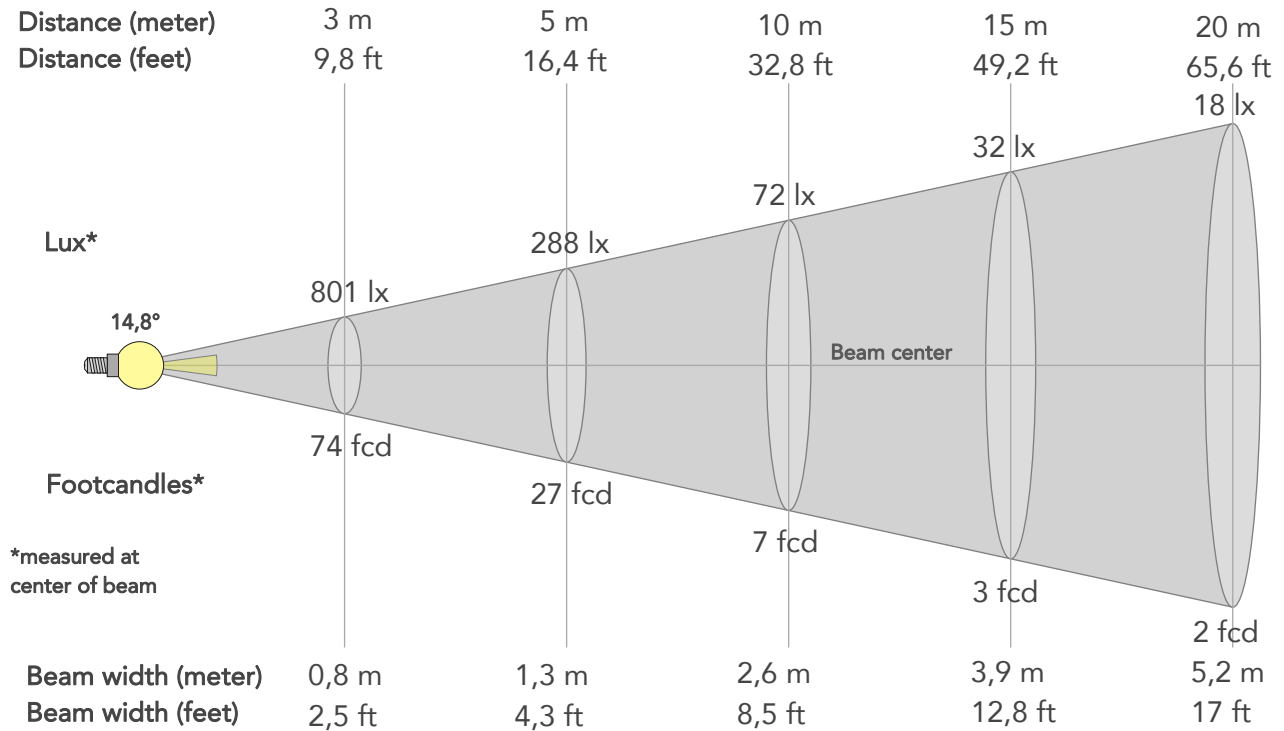
Spectra



BEAM DETAILS



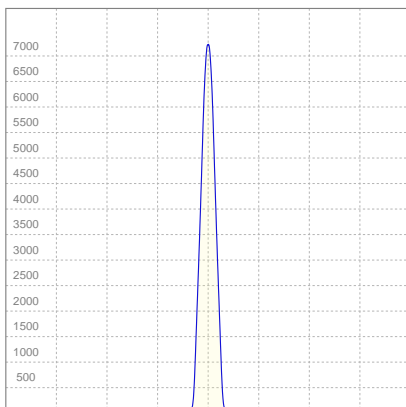
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14,8°	24,1°	27,5°	99,8%	99,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	7210lx	1803lx	801lx	451lx	288lx	128lx	72lx	32lx	18lx	12lx	8lx	5lx	3lx
Footcand.	670fcd	167fcd	74fcd	42fcd	27fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,3m	0,5m	0,8m	1m	1,3m	1,9m	2,6m	3,9m	5,2m	6,5m	7,8m	10,4m	13m
Beam wid.	0,9ft	1,7ft	2,5ft	3,4ft	4,3ft	6,4ft	8,5ft	12,8ft	17ft	21,3ft	25,5ft	34,1ft	42,6ft

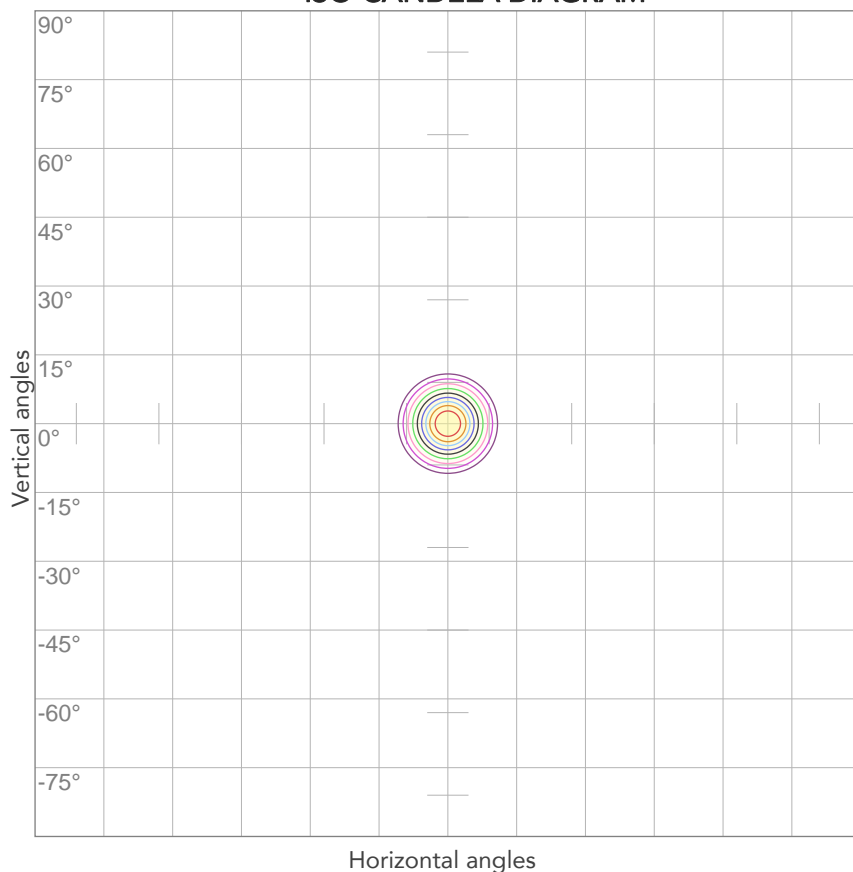
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,172A	28,0W	17lm/W

ISO CANDELA DIAGRAM



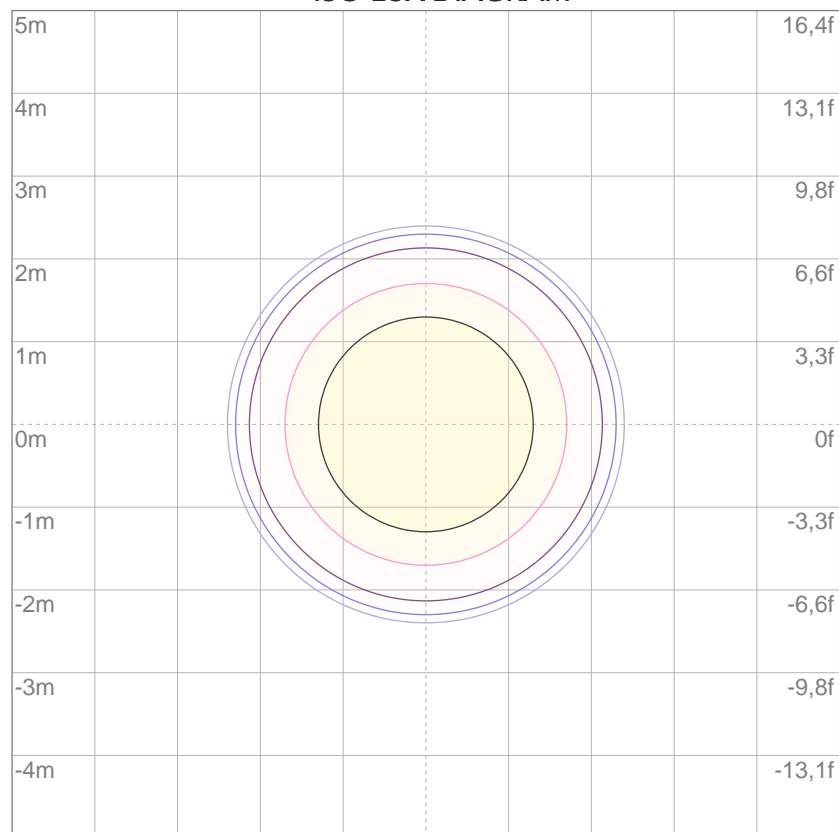
10%	721 cd
20%	1442 cd
30%	2163 cd
40%	2884 cd
50%	3605 cd
60%	4326 cd
70%	5047 cd
80%	5768 cd

Conditions:

Number of c-planes: 2

Candela at center: 7210 cd

ISO LUX DIAGRAM



3%	2,16 lx
5%	3,61 lx
10%	7,21 lx
30%	21,6 lx
50%	36,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 72,1 lx

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



Total lumen output:

412 lm

Peak candela output:

40331 cd

PRODUCT NAME:

Pixie Zoom

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

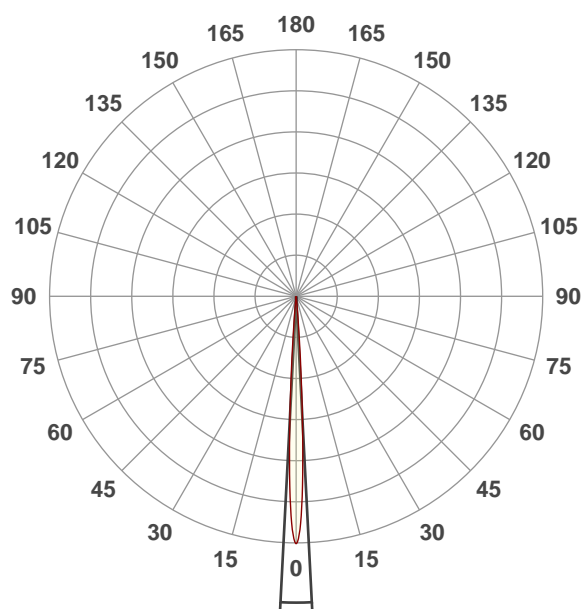
White

Operator:

Paolo Carvone

Date and time:

08/06/2020 09:34:35

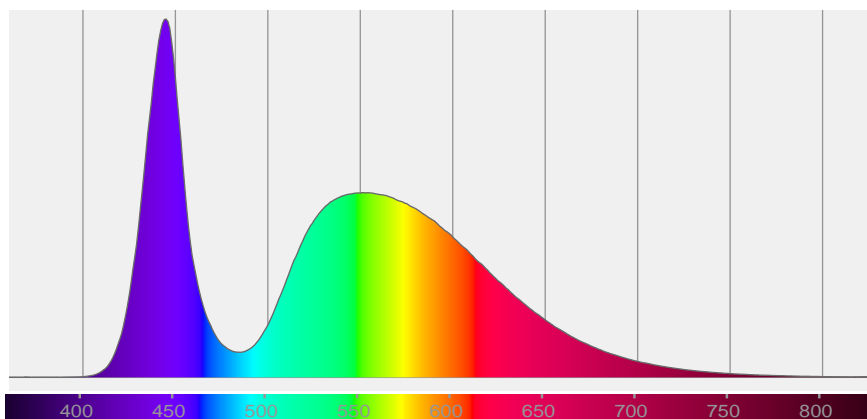


Beam angle 50%: 5,9°

Field angle 10%: 9,6°

Cut off angle 2.5%: 11,4°

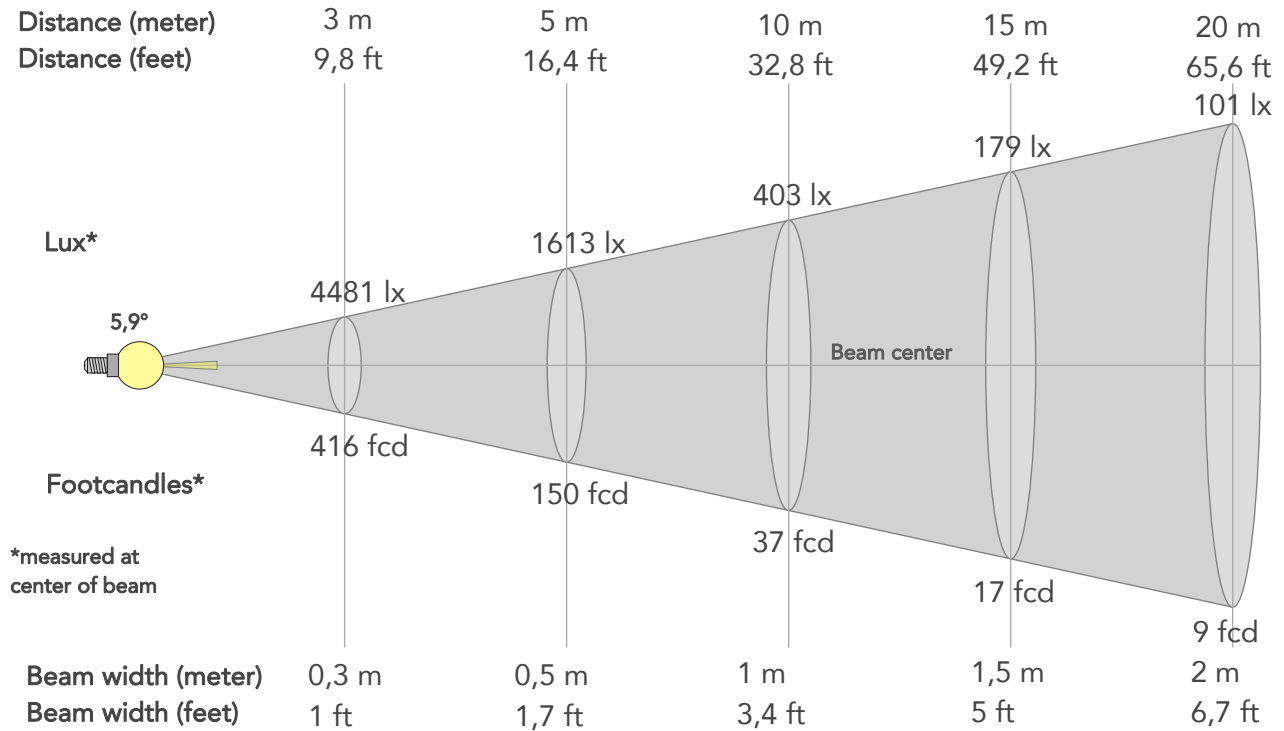
Spectra



BEAM DETAILS



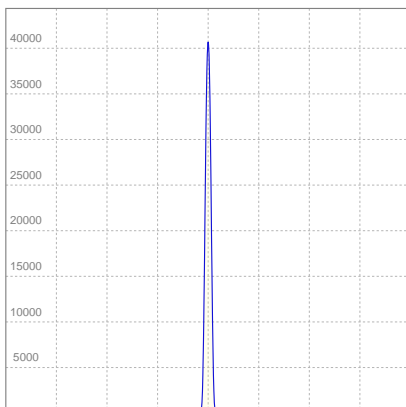
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,9°	9,6°	11,4°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	40331lx	10083lx	4481lx	2521lx	1613lx	717lx	403lx	179lx	101lx	65lx	45lx	25lx	16lx
Footcand.	3747fcd	937fcd	416fcd	234fcd	150fcd	67fcd	37fcd	17fcd	9fcd	6fcd	4fcd	2fcd	1fcd
Beam wid.	0,1m	0,2m	0,3m	0,4m	0,5m	0,8m	1m	1,5m	2m	2,6m	3,1m	4,1m	5,1m
Beam wid.	0,3ft	0,7ft	1ft	1,3ft	1,7ft	2,5ft	3,4ft	5ft	6,7ft	8,4ft	10,1ft	13,4ft	16,8ft

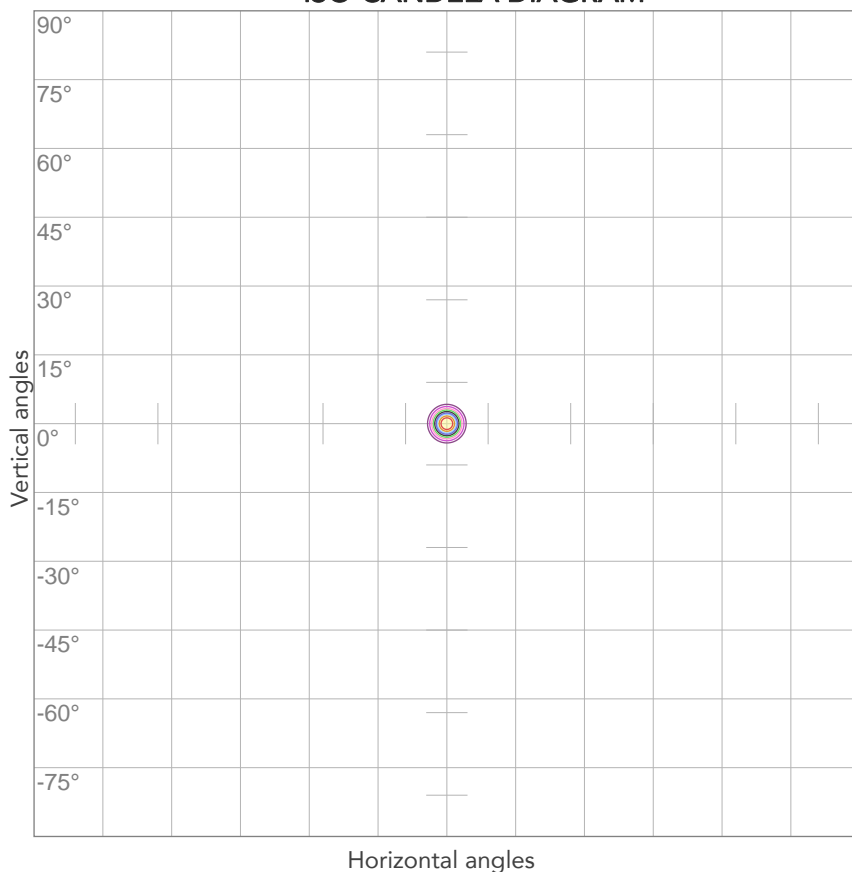
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,173A	28,1W	15lm/W

ISO CANDELA DIAGRAM



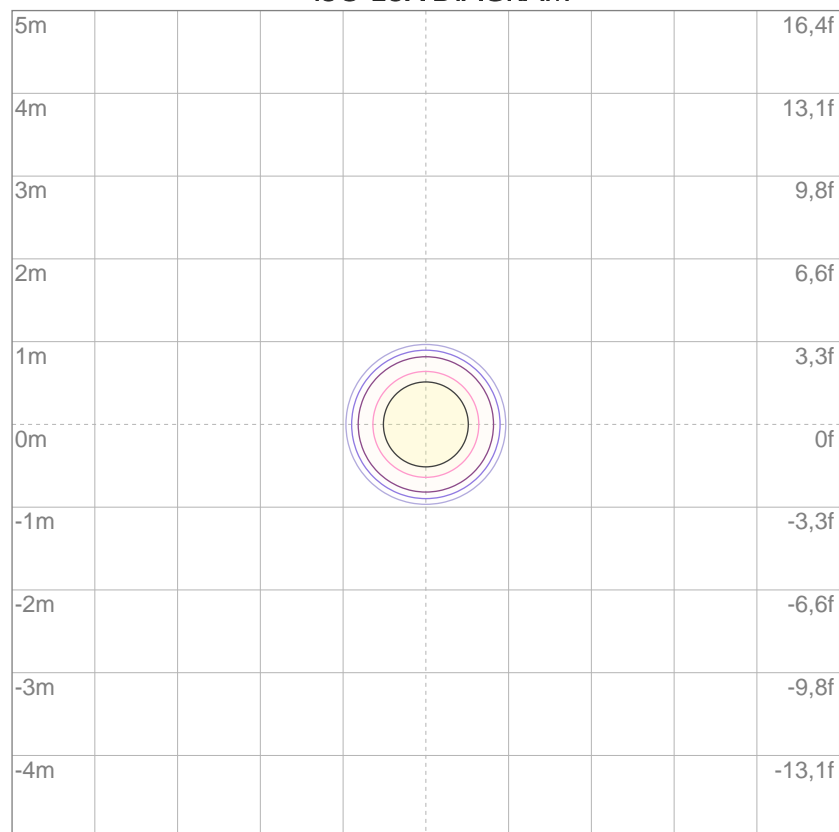
10%	4033 cd
20%	8066 cd
30%	12099 cd
40%	16132 cd
50%	20166 cd
60%	24199 cd
70%	28232 cd
80%	32265 cd

Conditions:

Number of c-planes: 2

Candela at center: 40331 cd

ISO LUX DIAGRAM



3%	12,1 lx
5%	20,2 lx
10%	40,3 lx
30%	121 lx
50%	202 lx

Conditions:

Number of c-planes: 2

Lux at center: 403 lx

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