

Photometric Test Report



DIGISTRIPI100

100 cm IP65 outdoor LED video pixel strip with
10 mm pixel pitch

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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:

542 lm

Peak candela output:

170 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASUREMENT CONDITIONS:

Beam angle:

No Diffuser

Target:

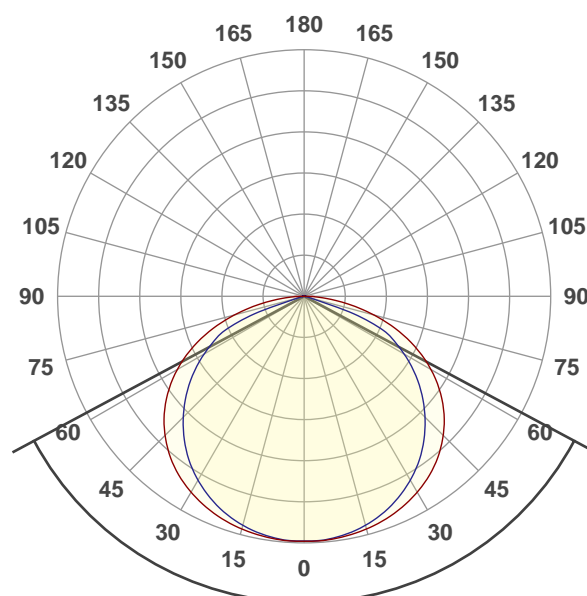
Full On

Operator:

Paolo Carvone

Date and time:

11/05/2020 09:56:43

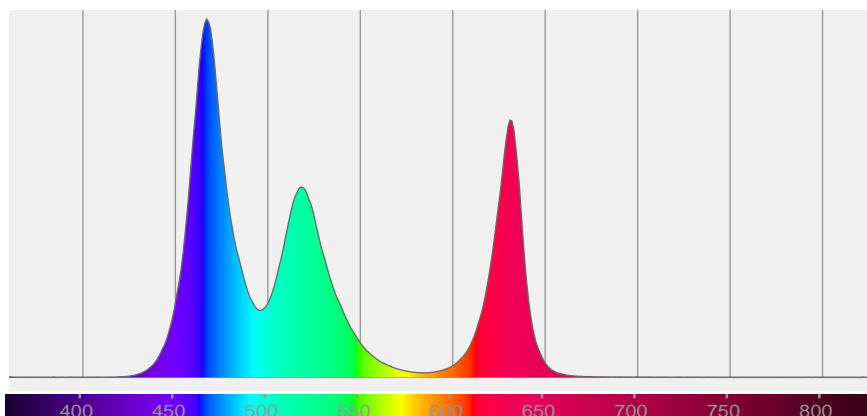


Beam angle 50%: 123,7°

Field angle 10%: 156,8°

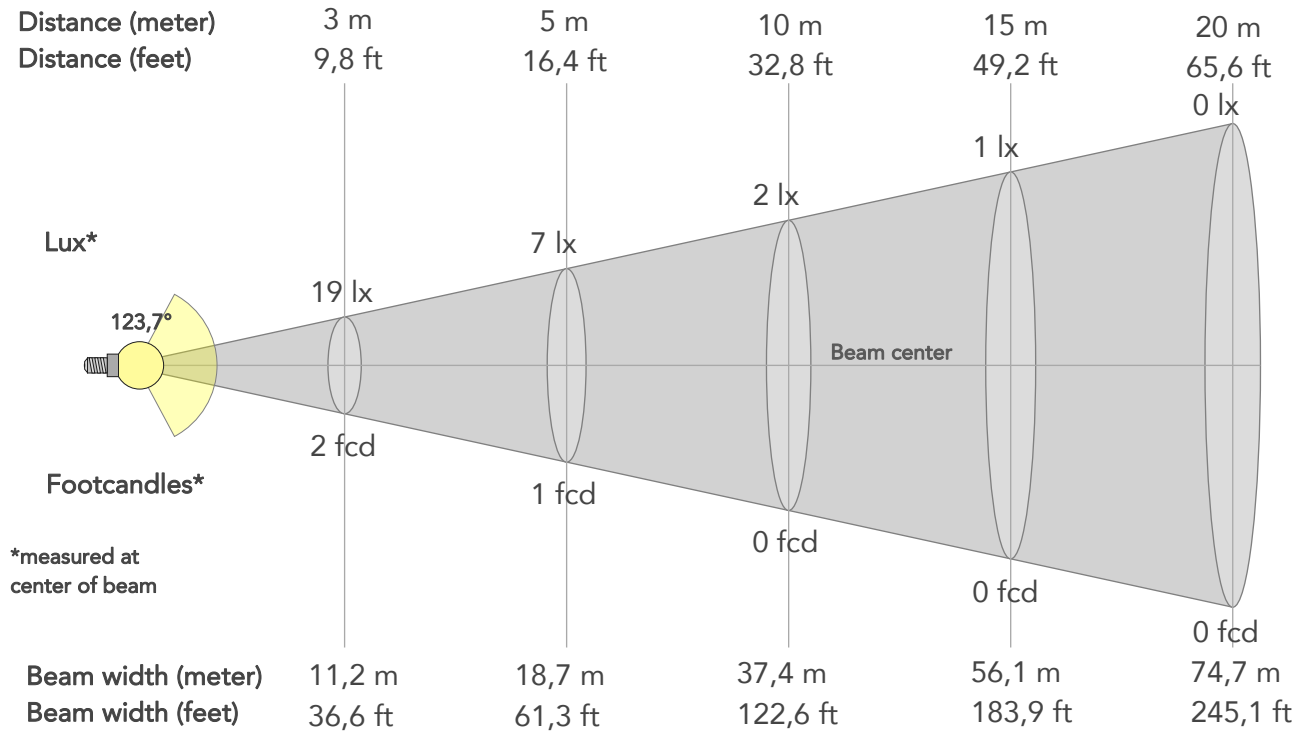
Cut off angle 2.5%: 163,8°

Spectra



BEAM DETAILS

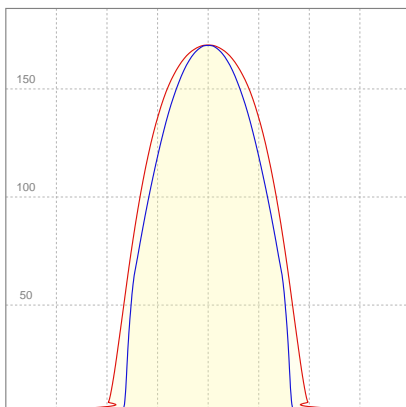
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
123,7°	156,8°	163,8°	77,4%	50,9%



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	170lx	43lx	19lx	11lx	7lx	3lx	2lx	1lx	0lx	0lx	0lx	0lx	0lx
Footcand.	16fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,7m	7,5m	11,2m	14,9m	18,7m	28m	37,4m	56,1m	74,7m	93,4m	112,1m	149,5m	186,9m
Beam wid.	12,3ft	24,7ft	36,6ft	49ft	61,3ft	91,9ft	122,6ft	183,9ft	245,1ft	306,4ft	367,7ft	490,3ft	612,9ft

LINEAR DISTRIBUTION DIAGRAM

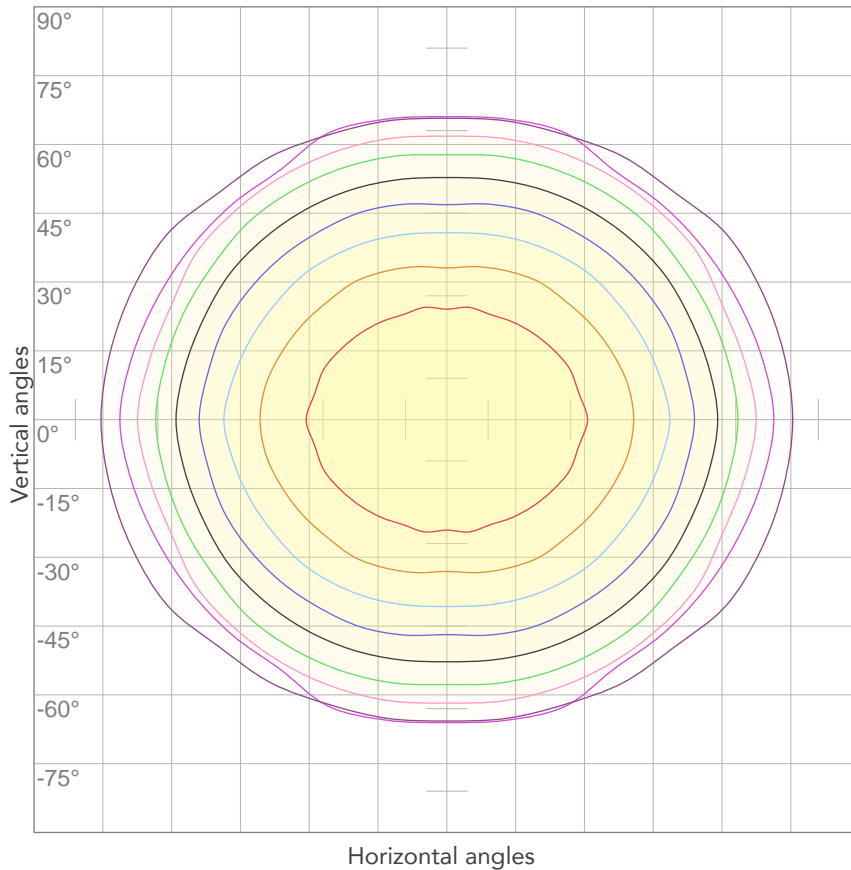


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,287A	39,4W	14lm/W

Power FC
0,61

ISO CANDELA DIAGRAM



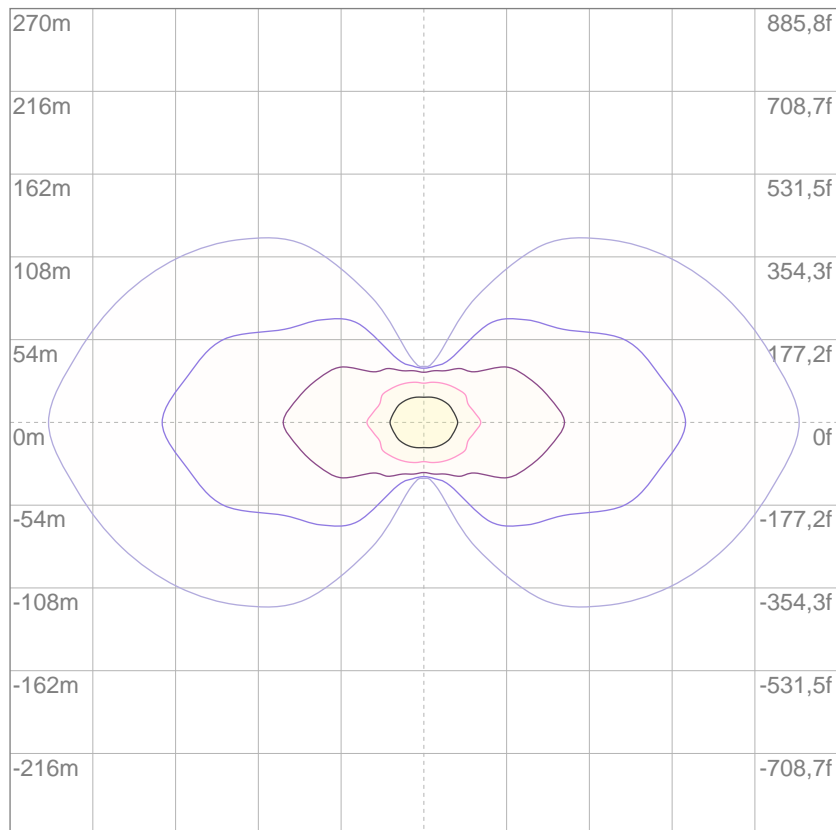
10%	17 cd
20%	34 cd
30%	51 cd
40%	68 cd
50%	85 cd
60%	102 cd
70%	119 cd
80%	136 cd

Conditions:

Number of c-planes: 4

Candela at center: 170 cd

ISO LUX DIAGRAM



3%	51,0m lx
5%	85,0m lx
10%	0,170 lx
30%	0,510 lx
50%	0,850 lx

Conditions:

Number of c-planes: 4

Lux at center: 1,70 lx

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

Total lumen output:

319 lm

Peak candela output:

77,8 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

Flat Diffuser

Target:

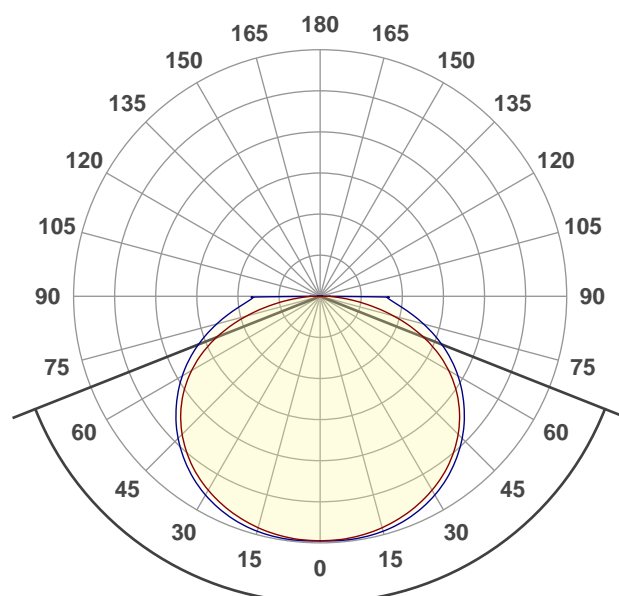
Full On

Operator:

Paolo Carvone

Date and time:

11/05/2020 09:17:31

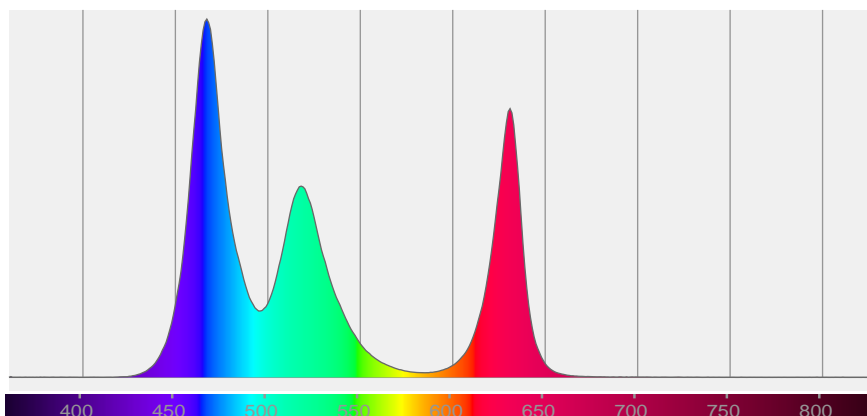


Beam angle 50%: 136,8°

Field angle 10%: 198,4°

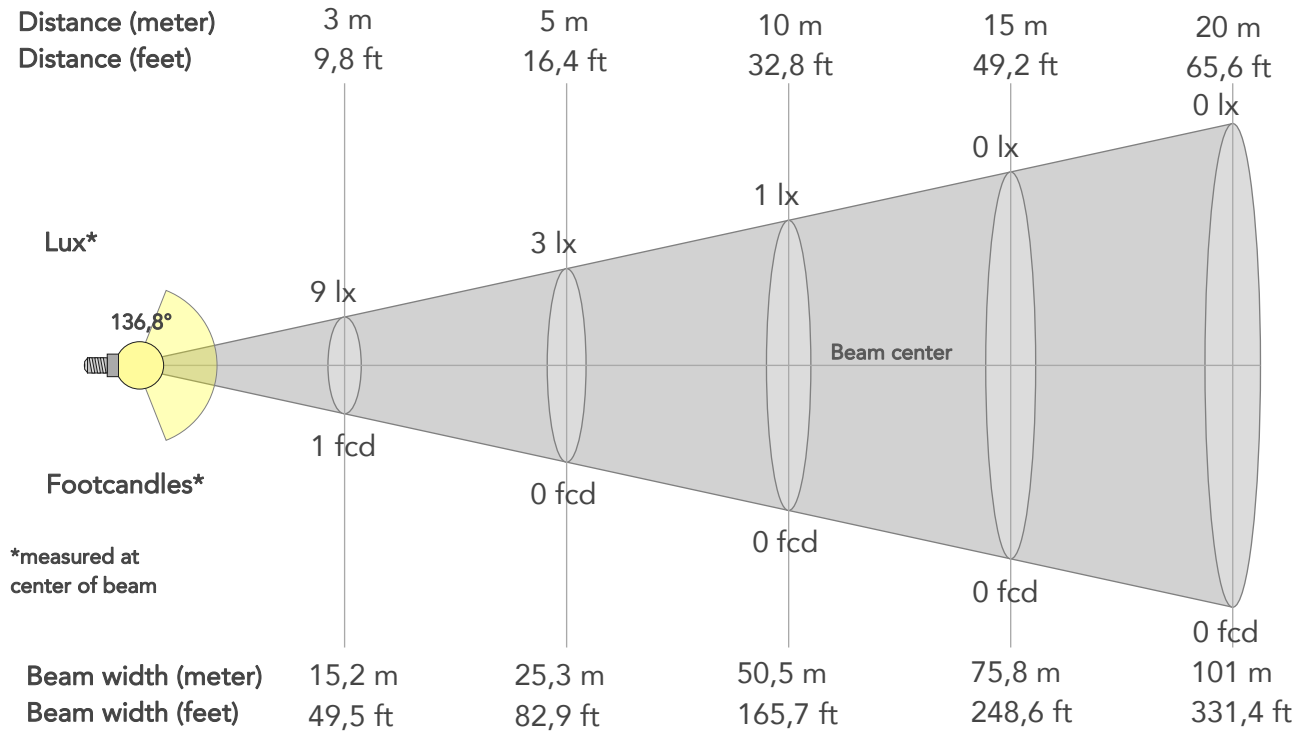
Cut off angle 2.5%: 252,9°

Spectra



BEAM DETAILS

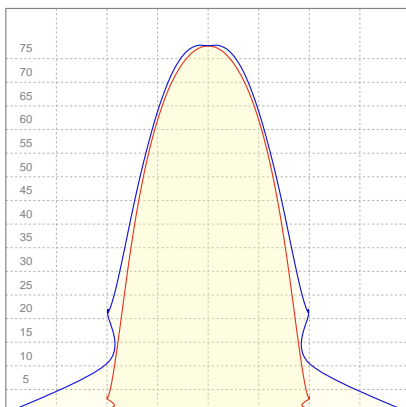
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
136,8°	198,4°	252,9°	63,8%	40,9%



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	78lx	19lx	9lx	5lx	3lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	7fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	5,1m	10,1m	15,2m	20,2m	25,3m	37,9m	50,5m	75,8m	101m	126,3m	151,6m	202,1m	252,6m
Beam wid.	16,7ft	33,3ft	49,5ft	66,2ft	82,9ft	124,3ft	165,7ft	248,6ft	331,4ft	414,3ft	497,2ft	662,9ft	828,6ft

LINEAR DISTRIBUTION DIAGRAM

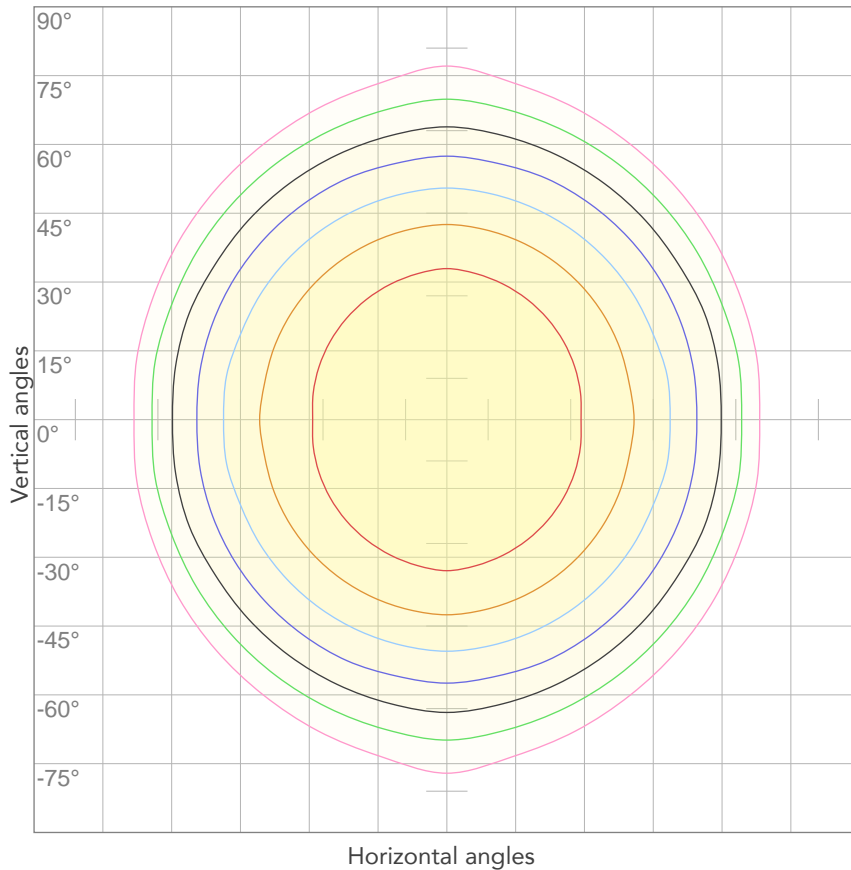


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,295A	40,5W	8lm/W

Power FC
0,61

ISO CANDELA DIAGRAM



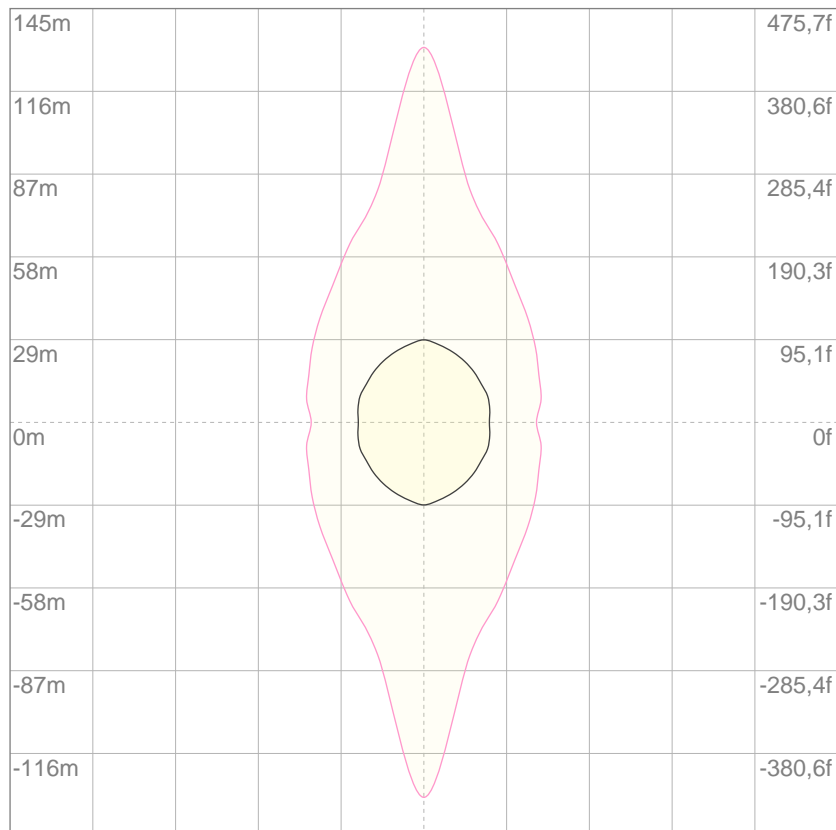
10%	8 cd
20%	16 cd
30%	23 cd
40%	31 cd
50%	39 cd
60%	47 cd
70%	54 cd
80%	62 cd

Conditions:

Number of c-planes: 4

Candela at center: 78 cd

ISO LUX DIAGRAM



3%	23,3m lx
5%	38,9m lx
10%	77,7m lx
30%	0,233 lx
50%	0,389 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,777 lx

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

Total lumen output:

351 lm

Peak candela output:

55,5 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

Dome Diffuser

Target:

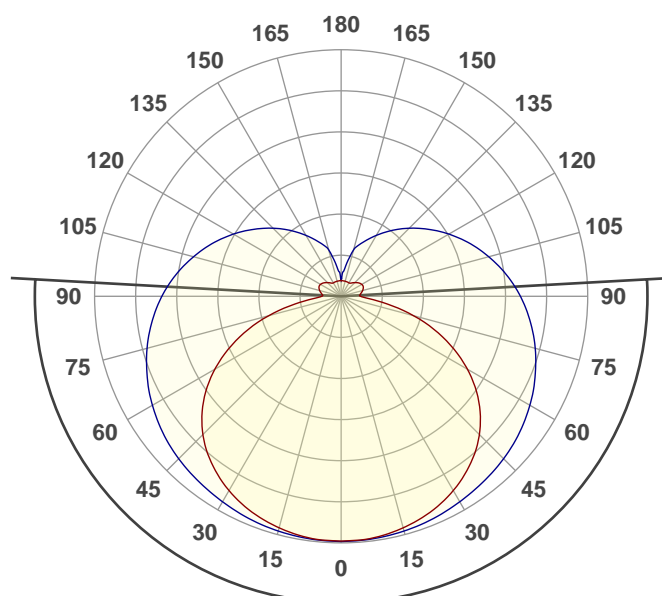
Full On

Operator:

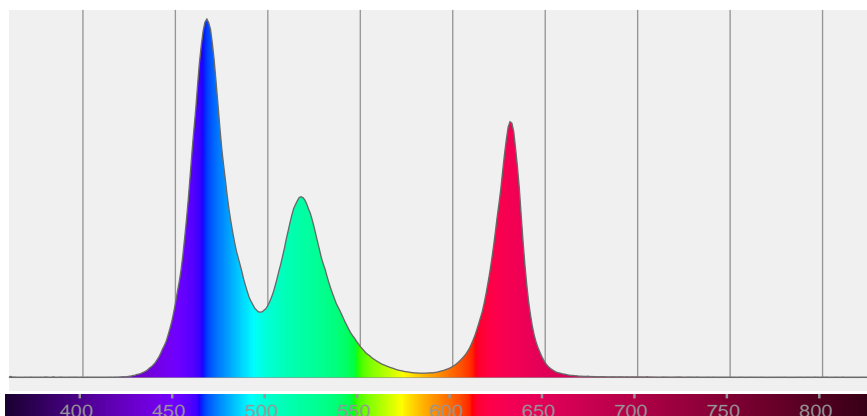
Paolo Carvone

Date and time:

11/05/2020 09:46:41

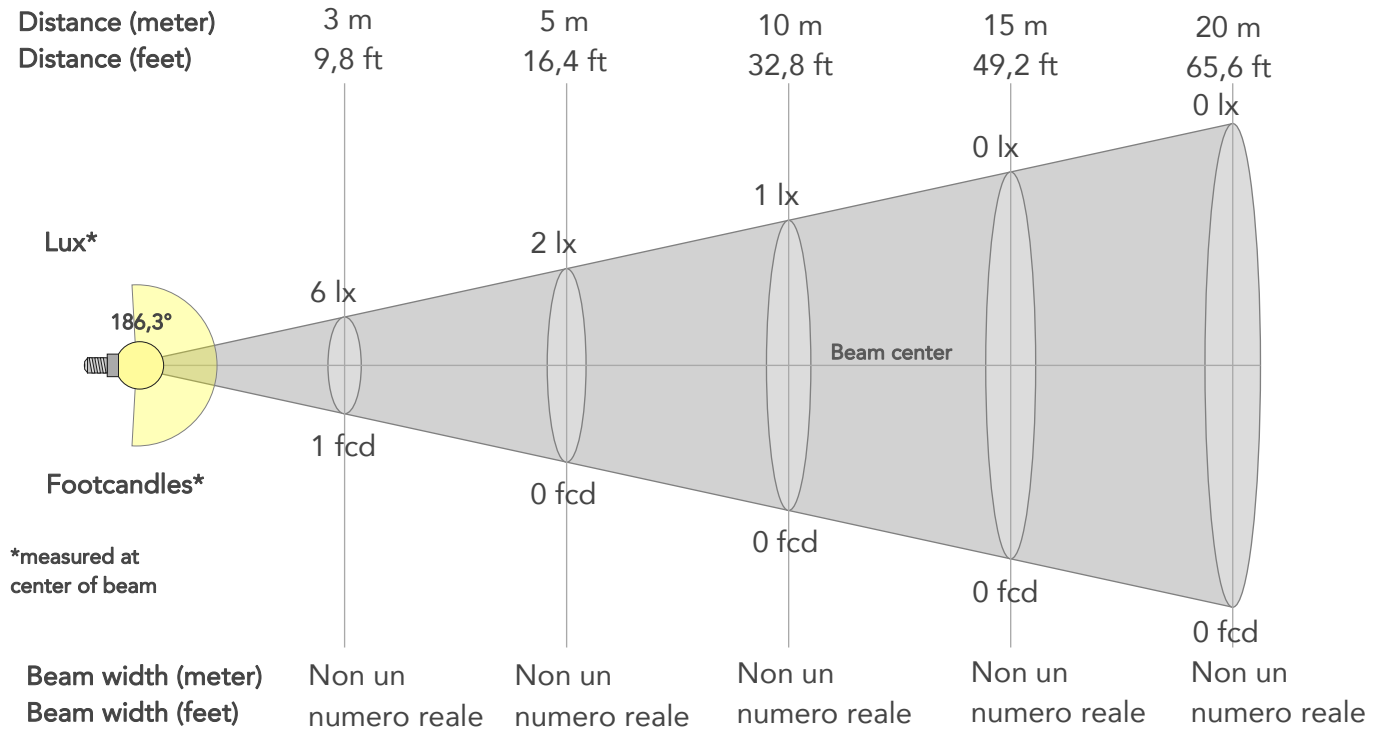


Spectra



BEAM DETAILS

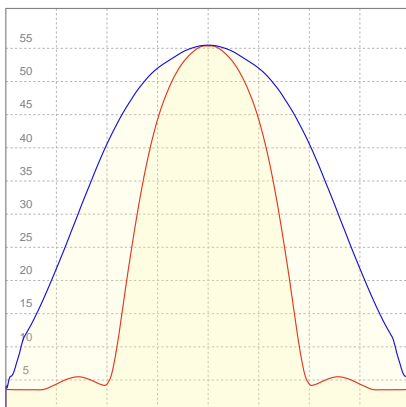
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
186,3°	262,4°	360°	43,8%	27,2%



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	55lx	14lx	6lx	3lx	2lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	5fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un
Beam wid.	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un

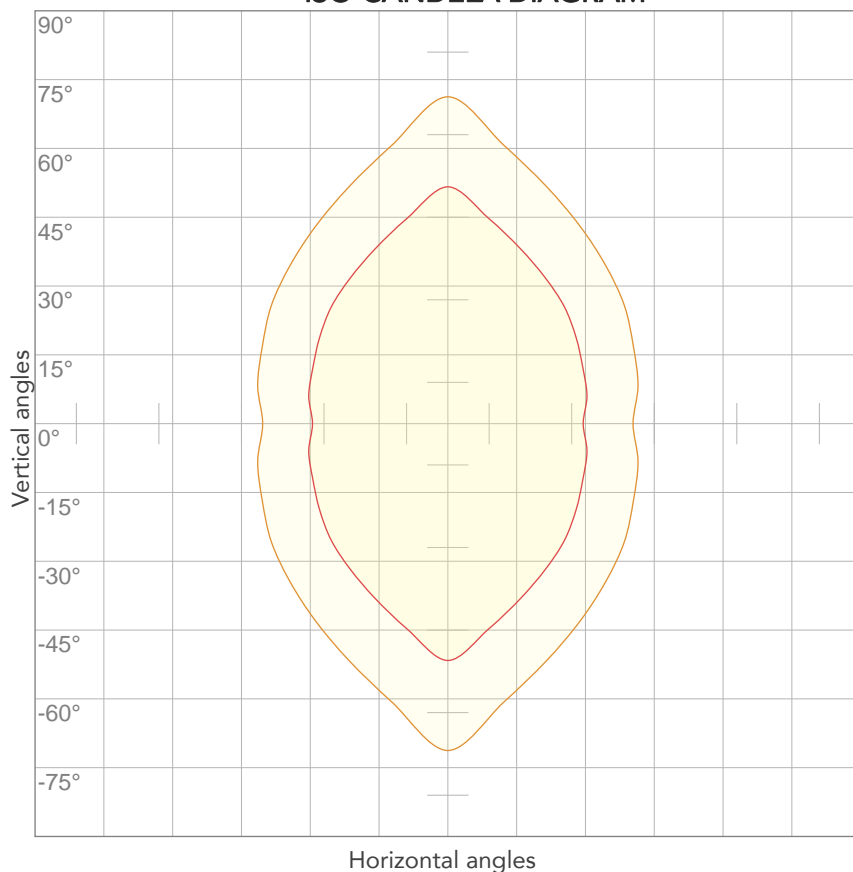
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,288A	39,5W	9lm/W
Power FC			
0,61			

ISO CANDELA DIAGRAM



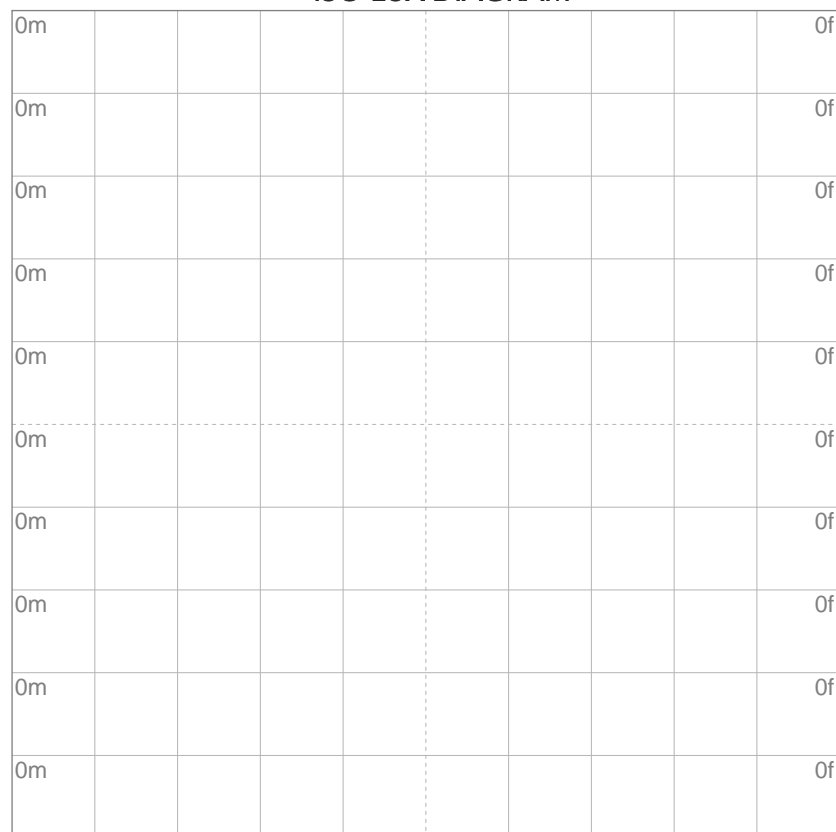
10%	6 cd
20%	11 cd
30%	17 cd
40%	22 cd
50%	28 cd
60%	33 cd
70%	39 cd
80%	44 cd

Conditions:

Number of c-planes: 4

Candela at center: 55 cd

ISO LUX DIAGRAM



3%	16,6m lx
5%	27,7m lx
10%	55,4m lx
30%	0,166 lx
50%	0,277 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,554 lx

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

Total lumen output:

80,9 lm

Peak candela output:

36,6 cd



PRODUCT NAME:

DIGISTRIP IP 1m

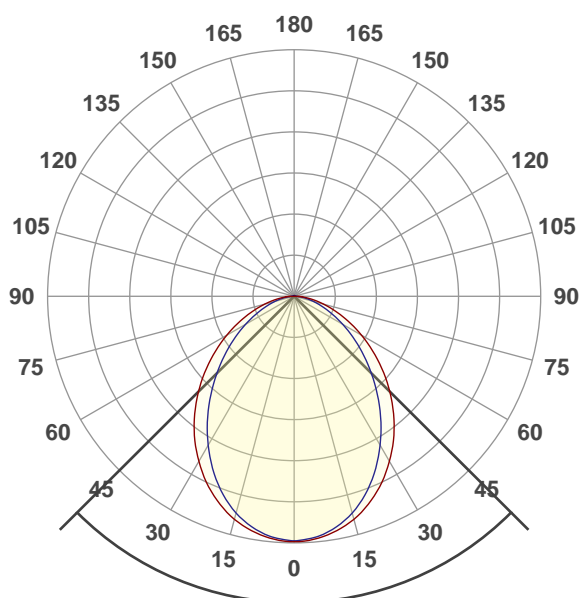
MEASURAMENT CONDITIONS:

Beam angle:
Black Diffuser

Target:
Full On

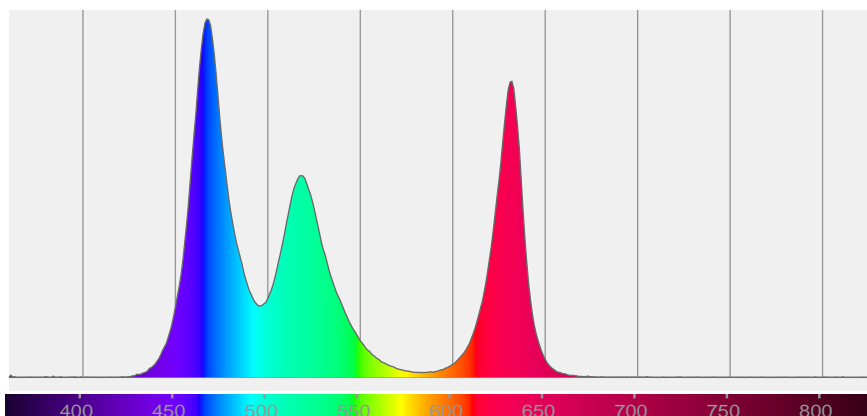
Operator:
Paolo Carvone

Date and time:
11/05/2020 10:06:44



Beam angle 50%: 90,2°
Field angle 10%: 150,3°
Cut off angle 2.5%: 170,9°

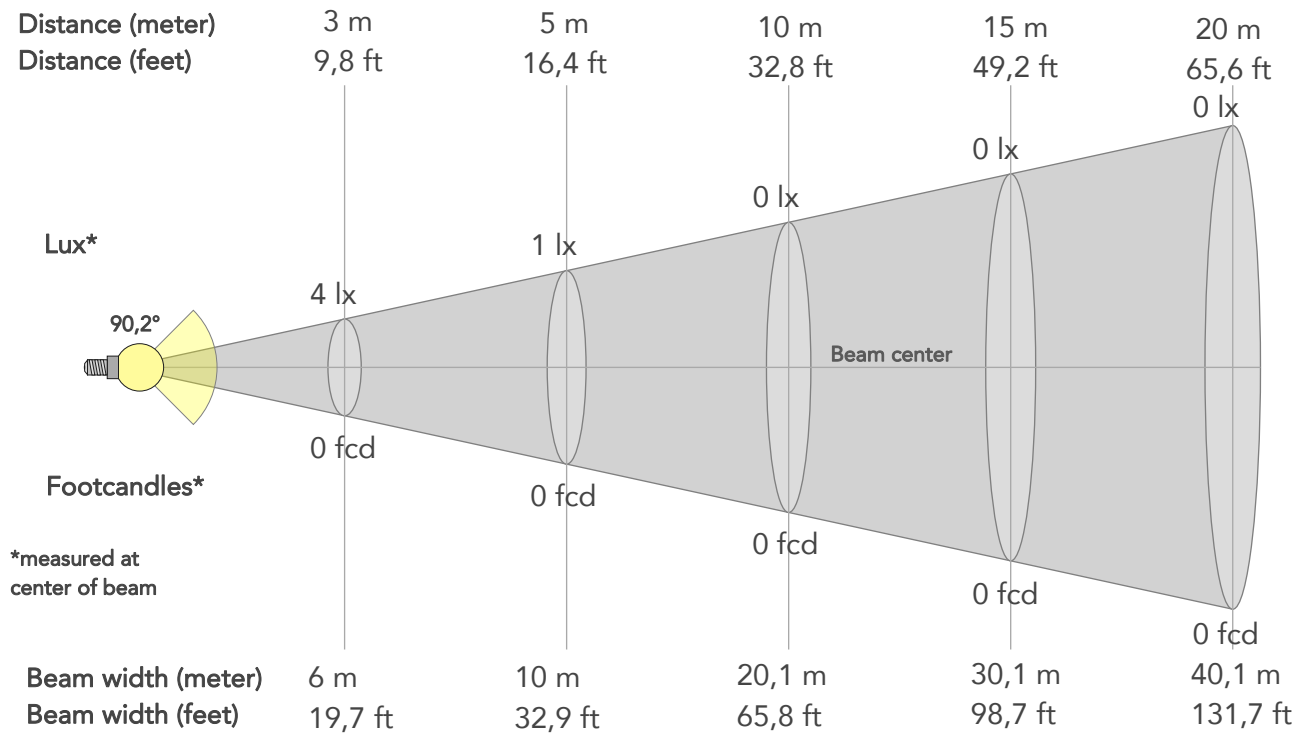
Spectra



BEAM DETAILS



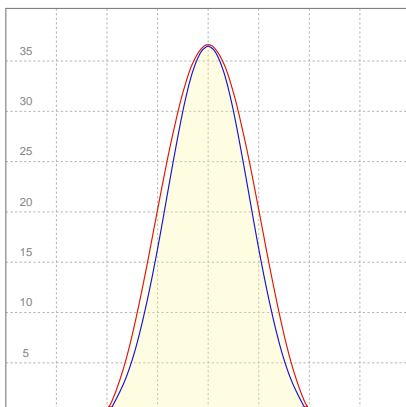
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
90,2°	150,3°	170,9°	83,0%	60,7%



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	36lx	9lx	4lx	2lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	3fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2m	4m	6m	8m	10m	15,1m	20,1m	30,1m	40,1m	50,2m	60,2m	80,3m	100,4m
Beam wid.	6,6ft	13,2ft	19,7ft	26,3ft	32,9ft	49,4ft	65,8ft	98,7ft	131,7ft	164,6ft	197,5ft	263,3ft	329,1ft

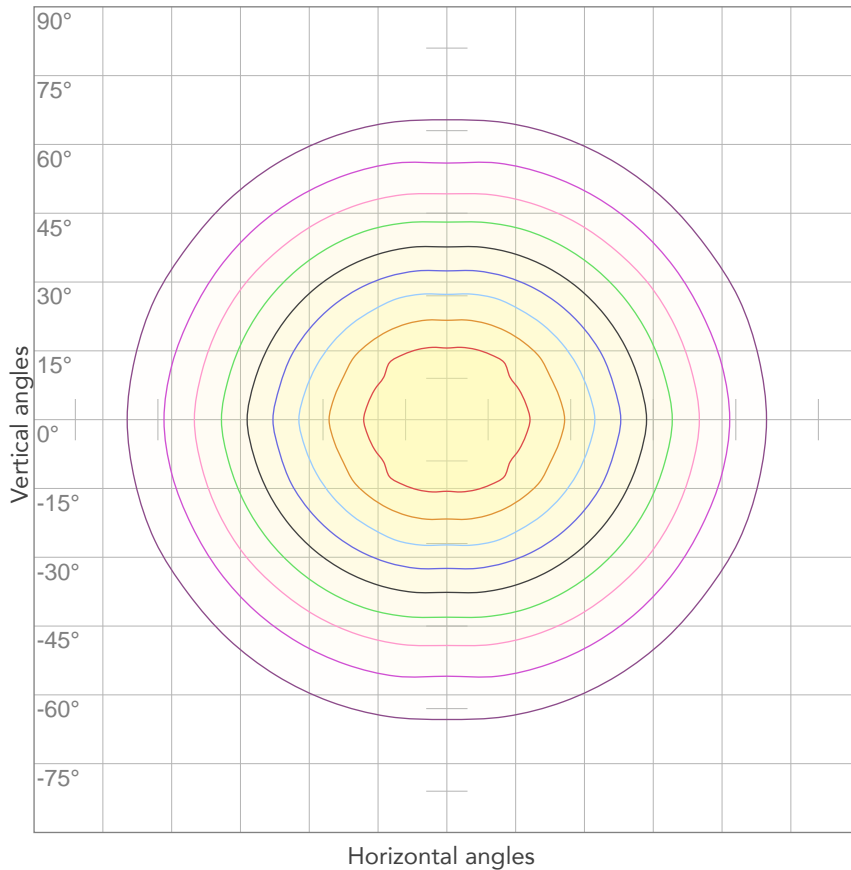
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,285A	39,3W	2lm/W
Power FC			
0,61			

ISO CANDELA DIAGRAM



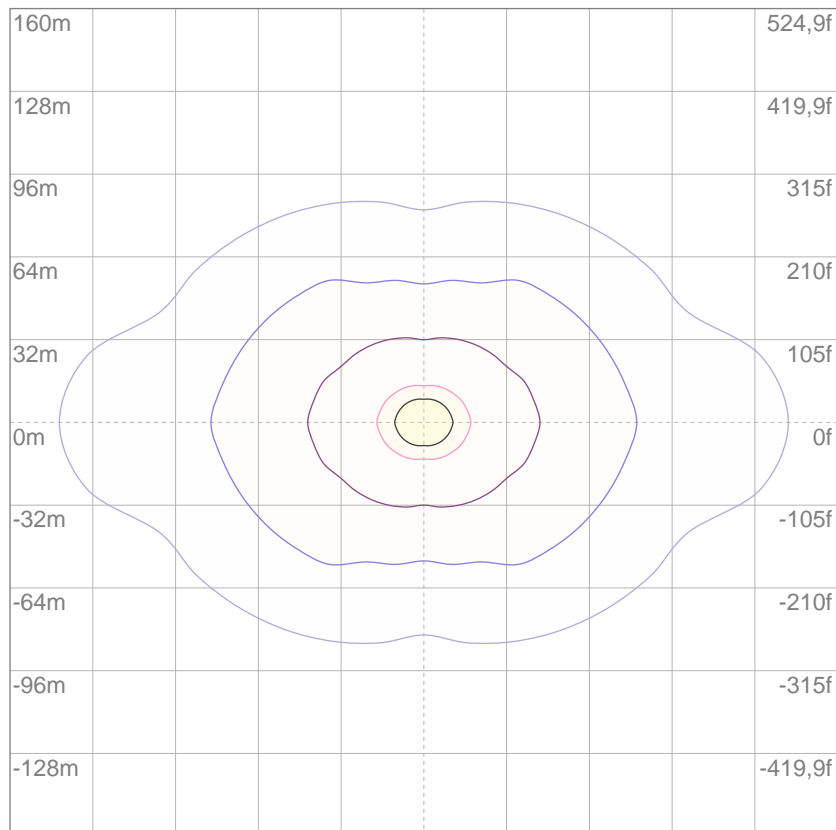
10%	4 cd
20%	7 cd
30%	11 cd
40%	15 cd
50%	18 cd
60%	22 cd
70%	26 cd
80%	29 cd

Conditions:

Number of c-planes: 4

Candela at center: 36 cd

ISO LUX DIAGRAM



3%	10,9m lx
5%	18,2m lx
10%	36,5m lx
30%	0,109 lx
50%	0,182 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,365 lx

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

Total lumen output:

119 lm

Peak candela output:

37,6 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

No Diffuser

Target:

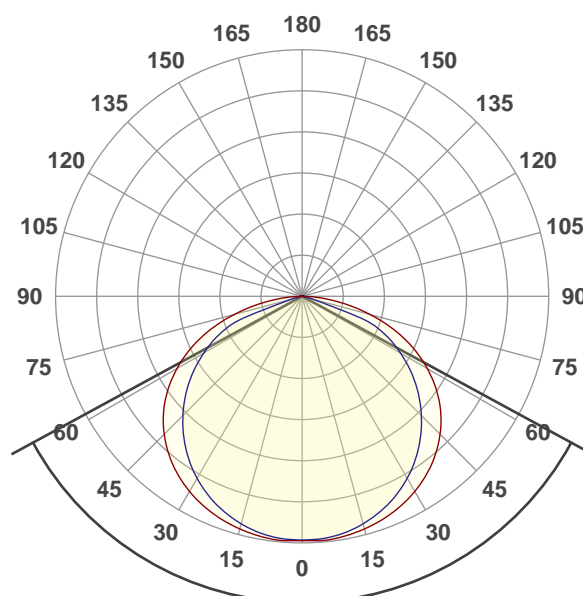
Red

Operator:

Paolo Carvone

Date and time:

11/05/2020 09:58:26

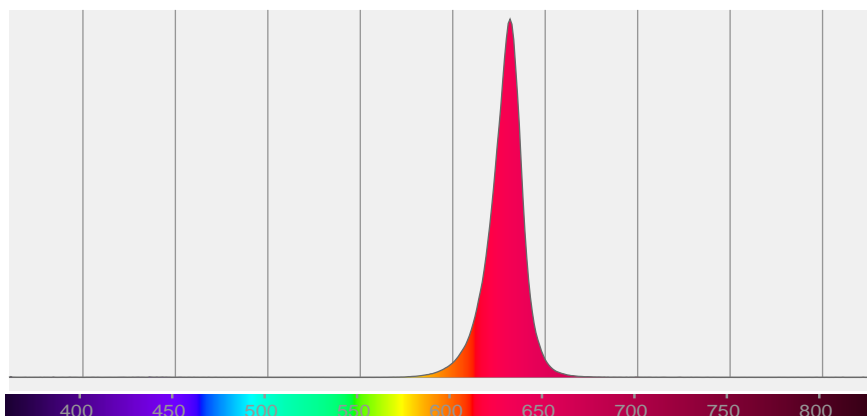


Beam angle 50%: 122,9°

Field angle 10%: 156,3°

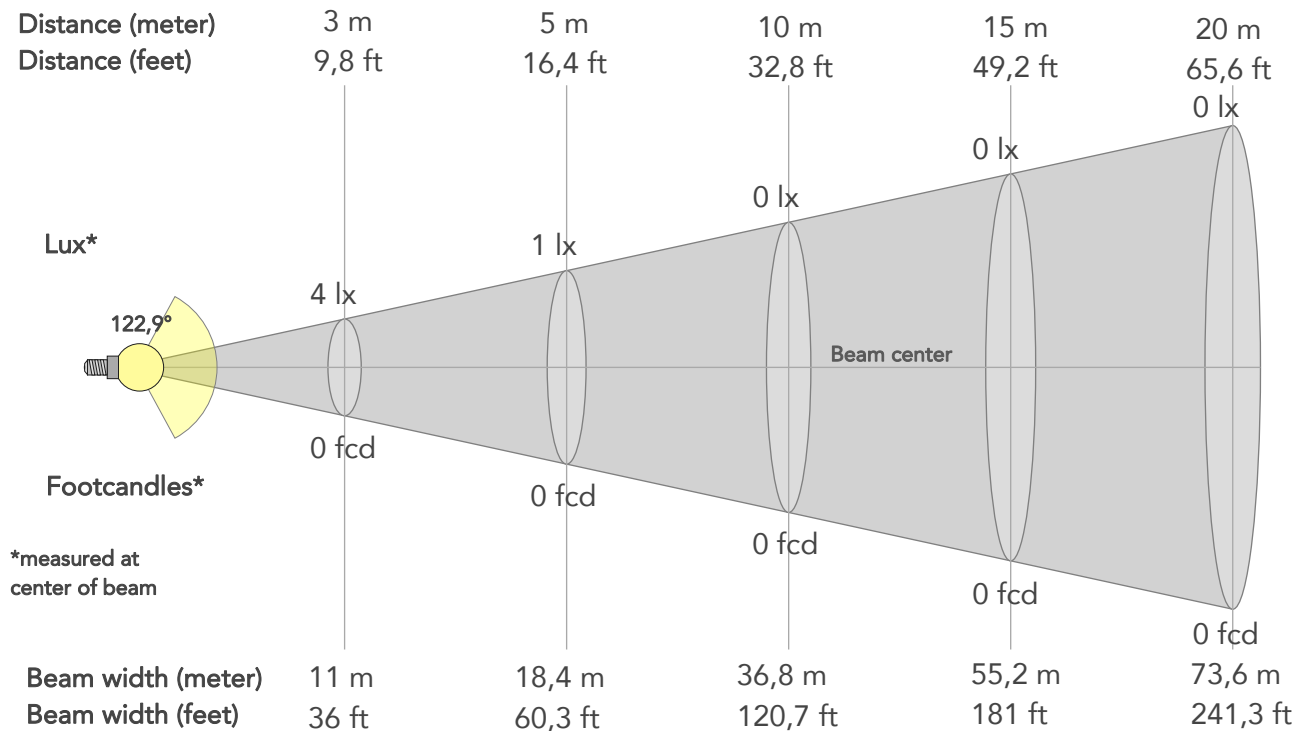
Cut off angle 2.5%: 163,7°

Spectra



BEAM DETAILS

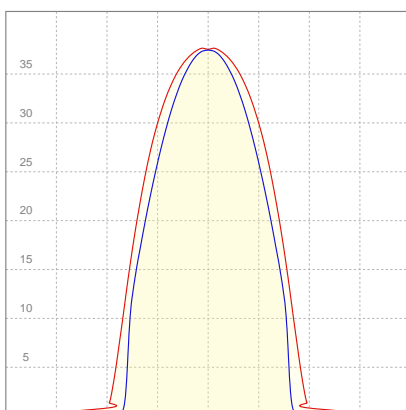
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
122,9°	156,3°	163,7°	77,4%	51,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	37lx	9lx	4lx	2lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	3fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,7m	7,4m	11m	14,7m	18,4m	27,6m	36,8m	55,2m	73,6m	92m	110,4m	147,1m	183,9m
Beam wid.	12,1ft	24,3ft	36ft	48,2ft	60,3ft	90,5ft	120,7ft	181ft	241,3ft	301,6ft	362ft	482,6ft	603,3ft

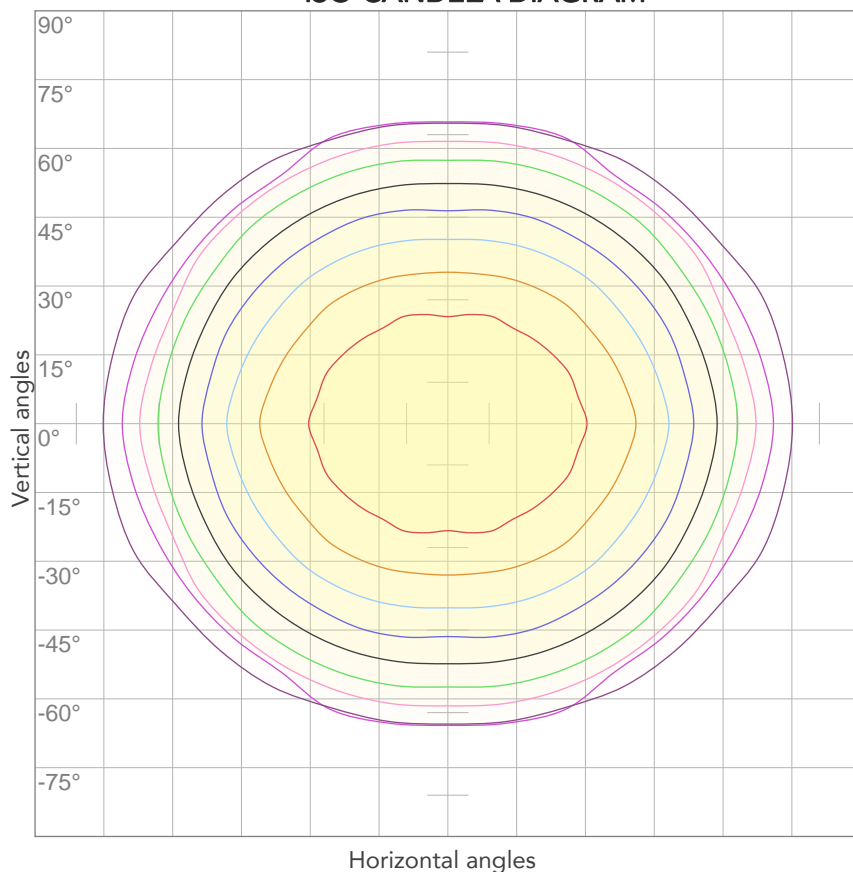
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,222A	24,4W	5lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



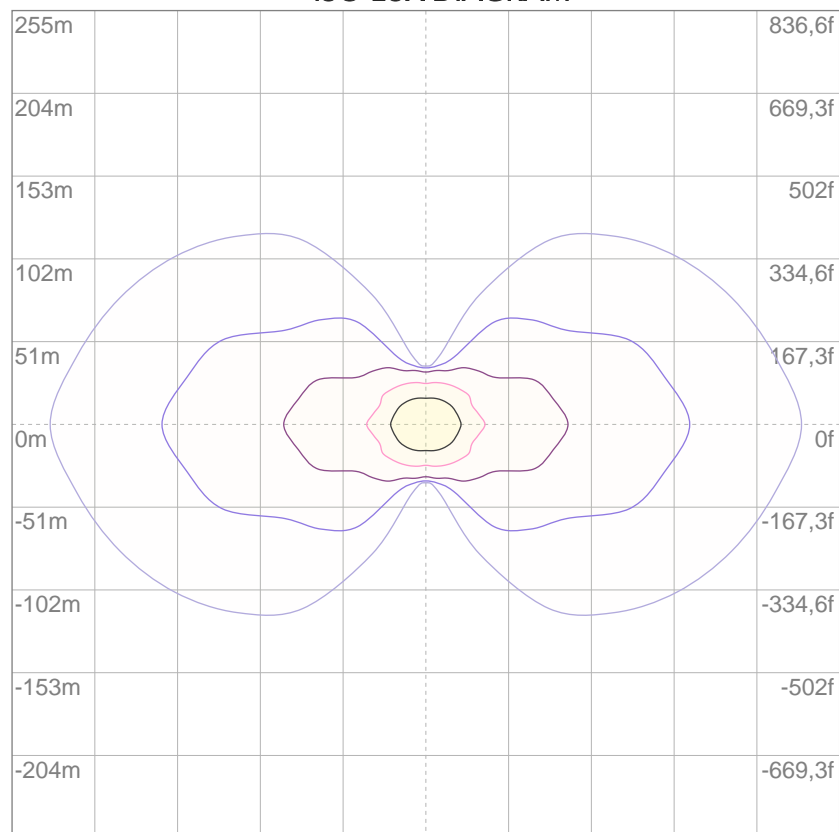
10%	4 cd
20%	7 cd
30%	11 cd
40%	15 cd
50%	19 cd
60%	22 cd
70%	26 cd
80%	30 cd

Conditions:

Number of c-planes: 4

Candela at center: 37 cd

ISO LUX DIAGRAM



3%	11,2m lx
5%	18,7m lx
10%	37,5m lx
30%	0,112 lx
50%	0,187 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,375 lx

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

Total lumen output:

72,3 lm

Peak candela output:

17,5 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

Flat Diffuser

Target:

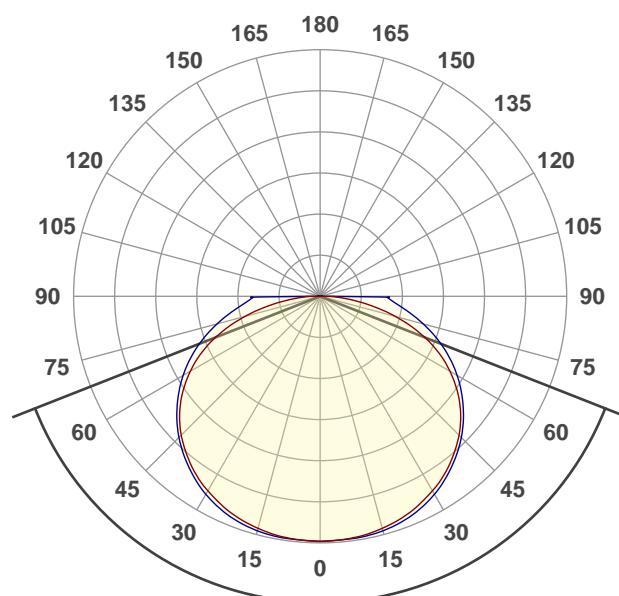
Red

Operator:

Paolo Carvone

Date and time:

11/05/2020 09:20:42

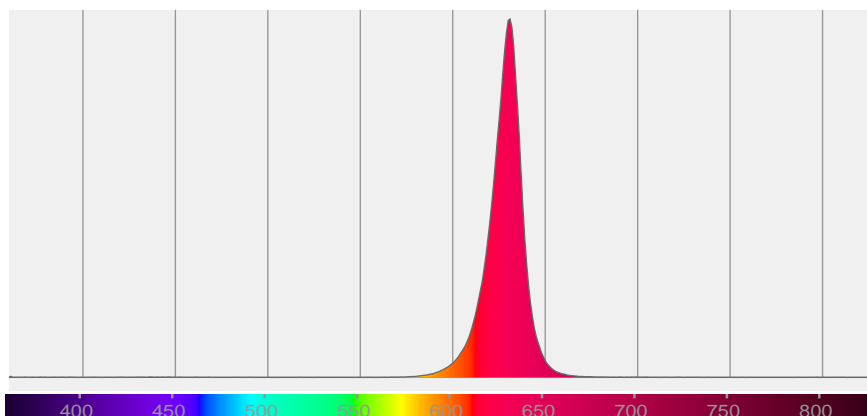


Beam angle 50%: 137,1°

Field angle 10%: 199,1°

Cut off angle 2.5%: 253,4°

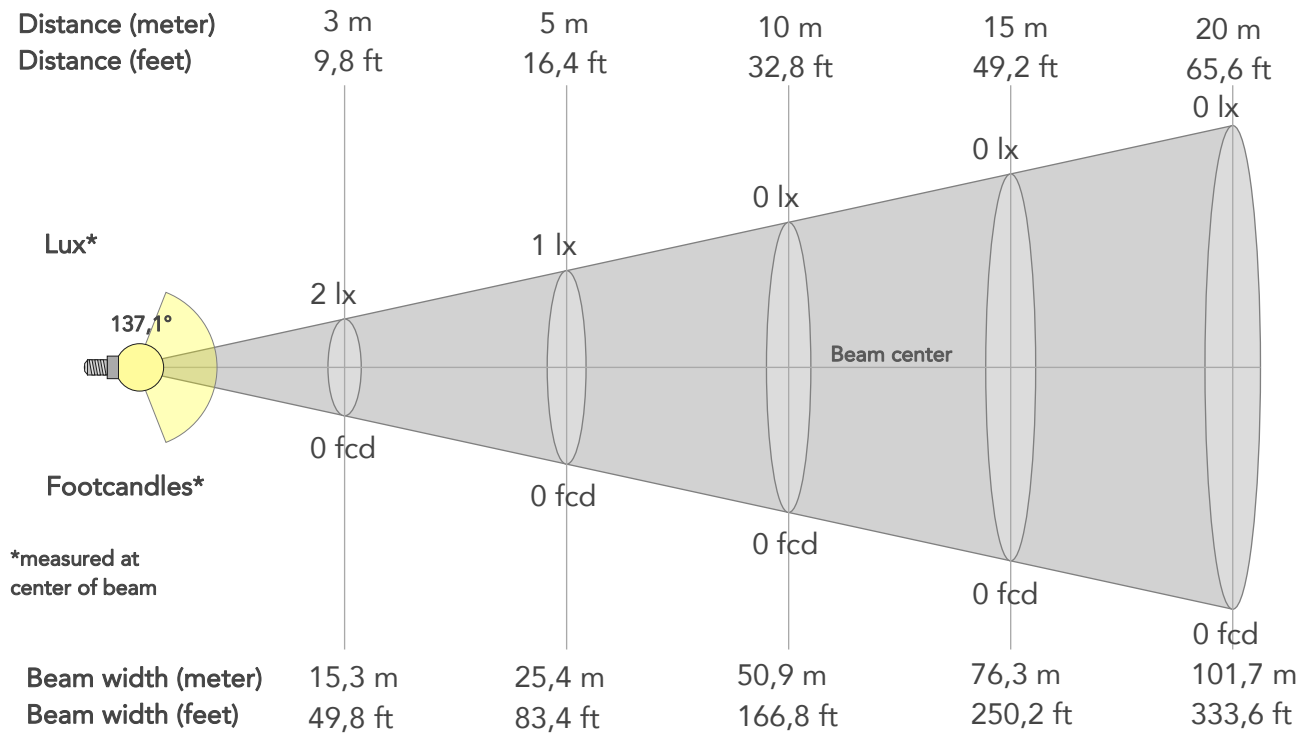
Spectra



BEAM DETAILS



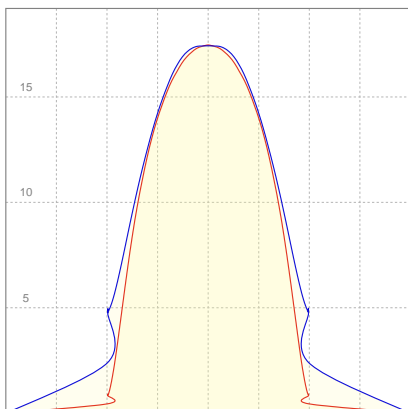
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
137,1°	199,1°	253,4°	63,2%	40,5%



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	17lx	4lx	2lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	2fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	5,1m	10,2m	15,3m	20,3m	25,4m	38,1m	50,9m	76,3m	101,7m	127,1m	152,6m	203,4m	254,3m
Beam wid.	16,8ft	33,6ft	49,8ft	66,6ft	83,4ft	125,1ft	166,8ft	250,2ft	333,6ft	417ft	500,4ft	667,3ft	834,1ft

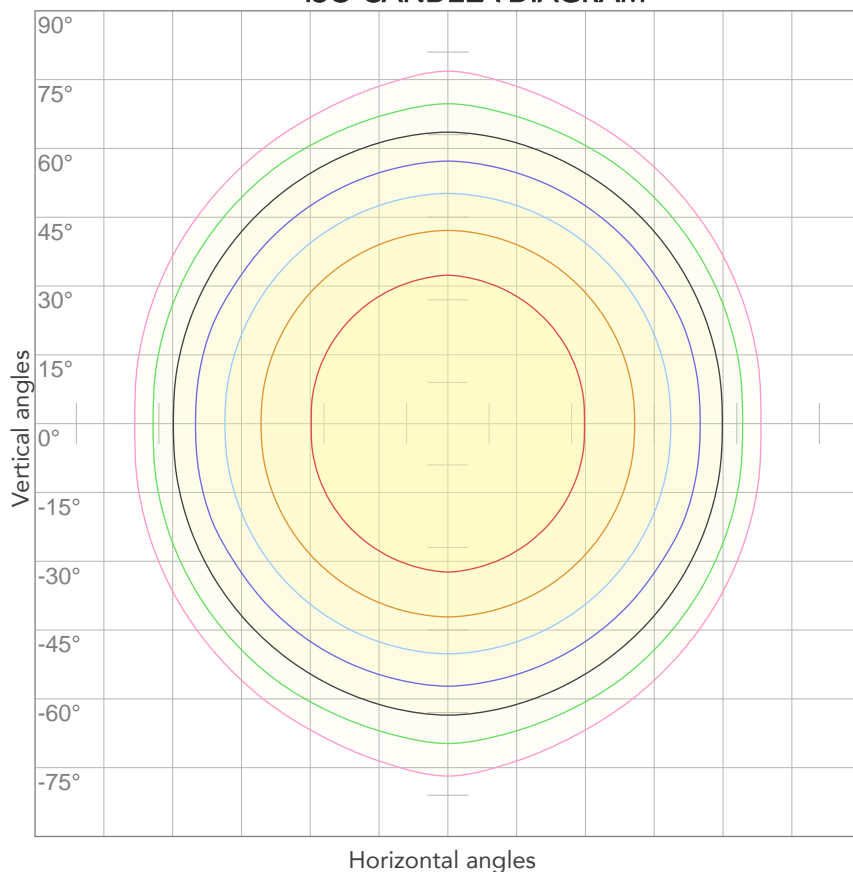
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,231A	25,3W	3lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



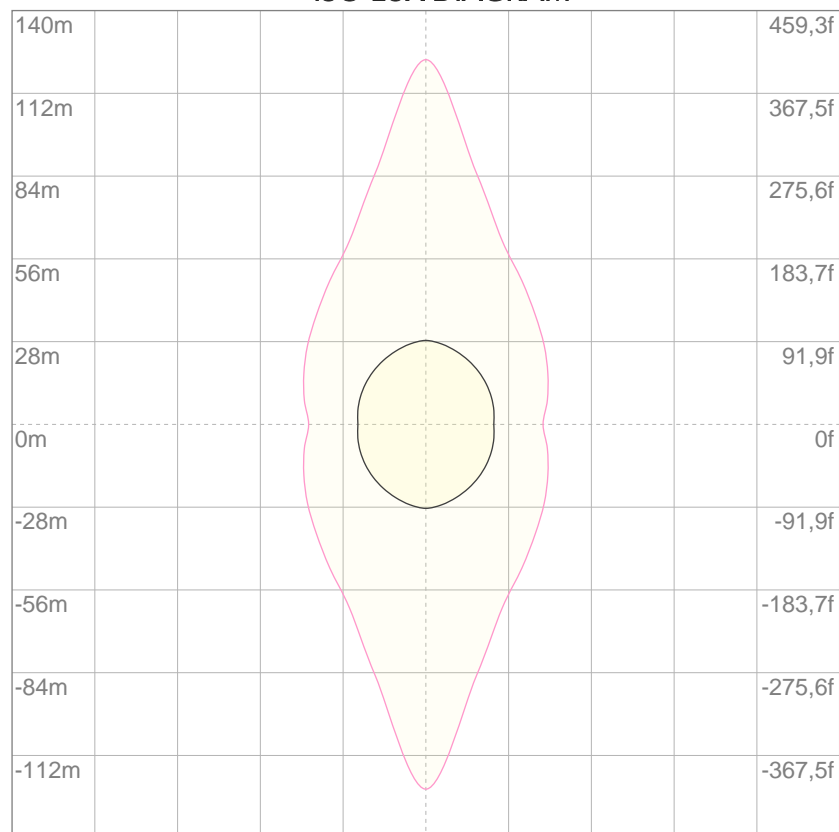
10%	2 cd
20%	3 cd
30%	5 cd
40%	7 cd
50%	9 cd
60%	10 cd
70%	12 cd
80%	14 cd

Conditions:

Number of c-planes: 4

Candela at center: 17 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	5,23m lx
5%	8,72m lx
10%	17,4m lx
30%	52,3m lx
50%	87,2m lx

Conditions:

Number of c-planes: 4

Lux at center: 0,174 lx

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

Total lumen output:

79,0 lm

Peak candela output:

12,5 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

Dome Diffuser

Target:

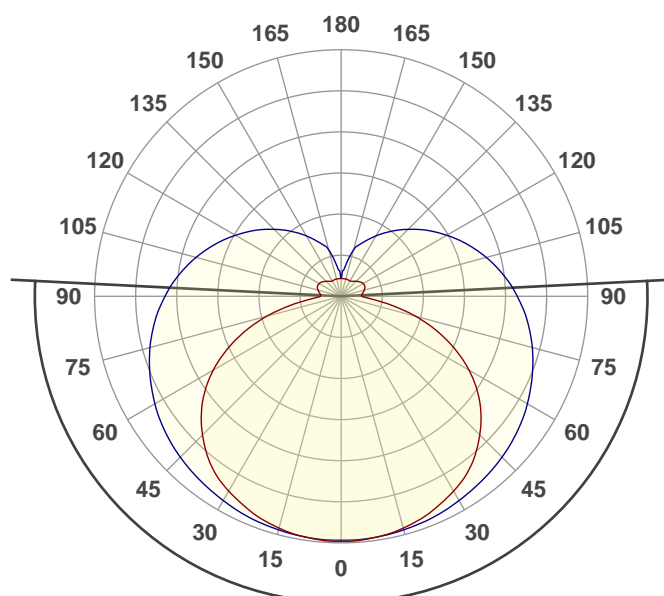
Red

Operator:

Paolo Carvone

Date and time:

11/05/2020 09:48:38

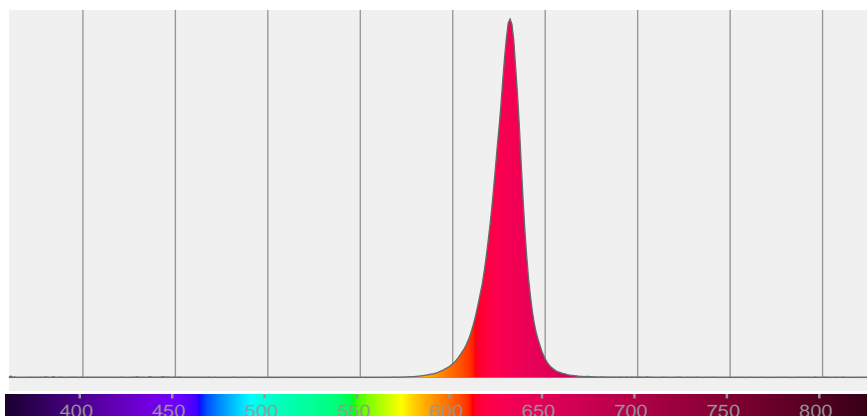


Beam angle 50%: 185,8°

Field angle 10%: 301,9°

Cut off angle 2.5%: 360°

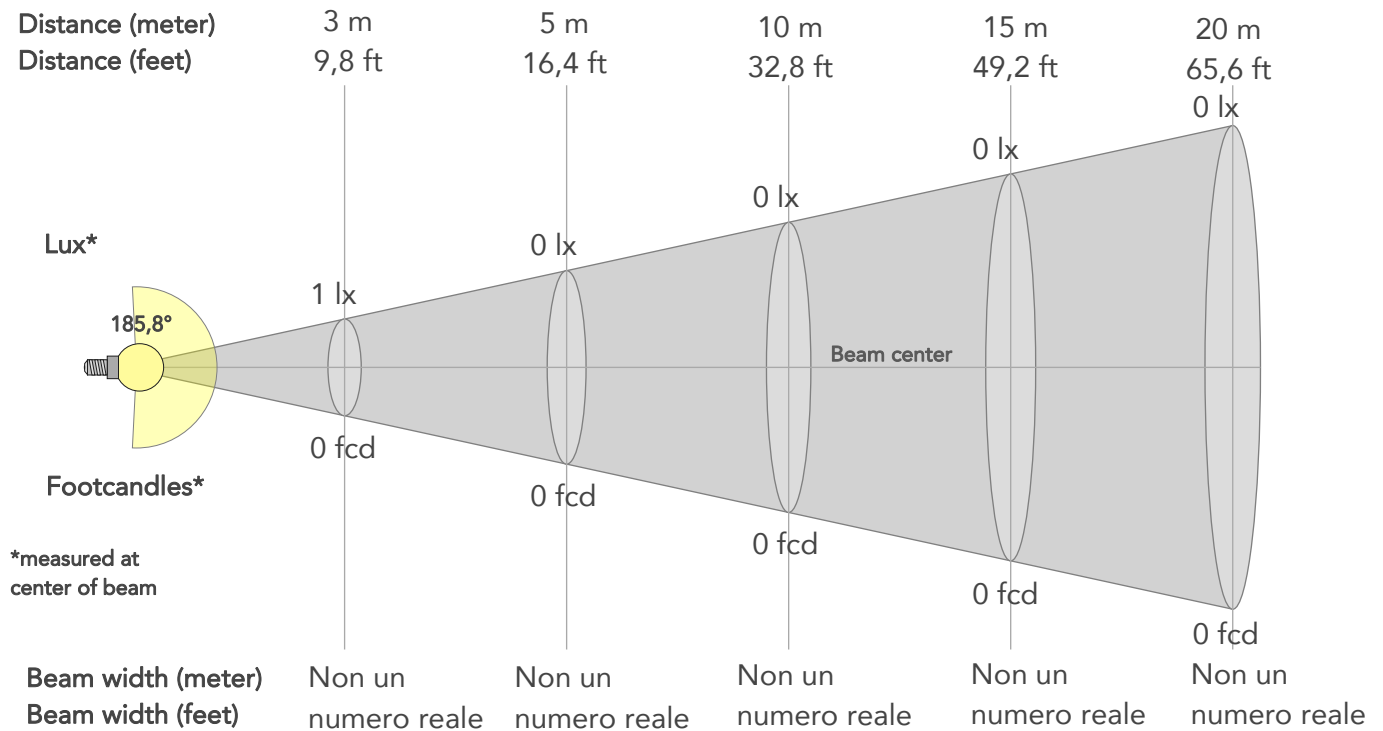
Spectra



BEAM DETAILS



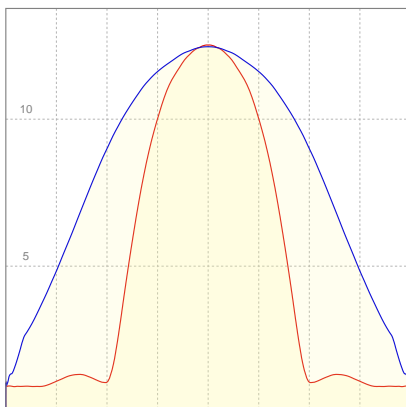
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
185,8°	301,9°	360°	43,8%	27,2%



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	12lx	3lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un
Beam wid.	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un

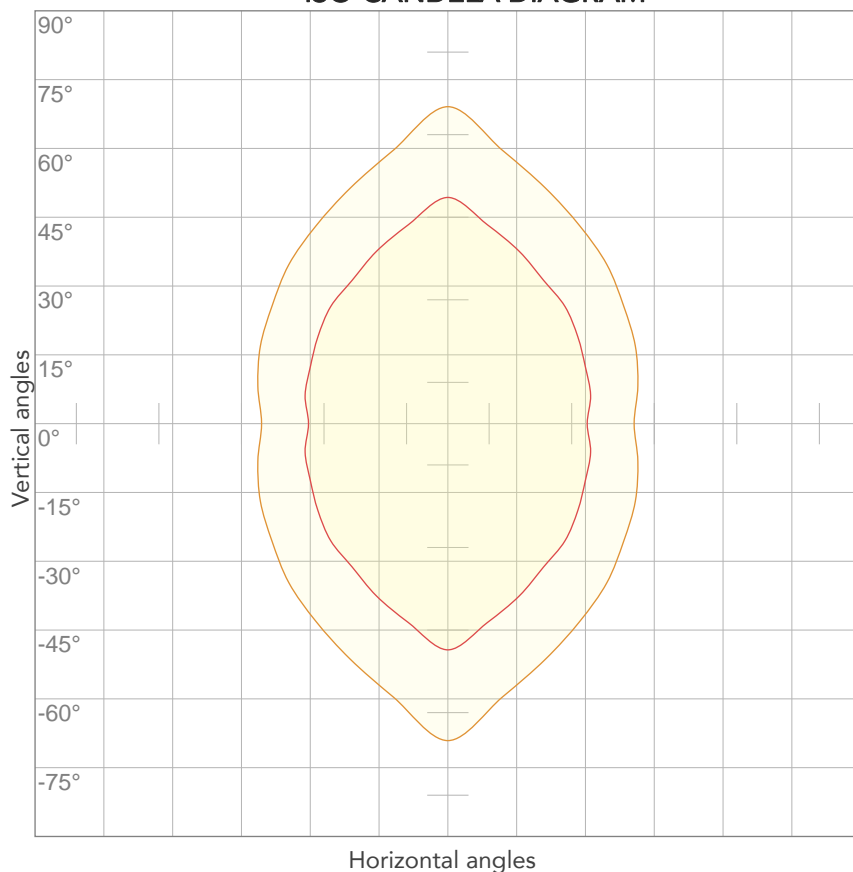
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,222A	24,5W	3lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



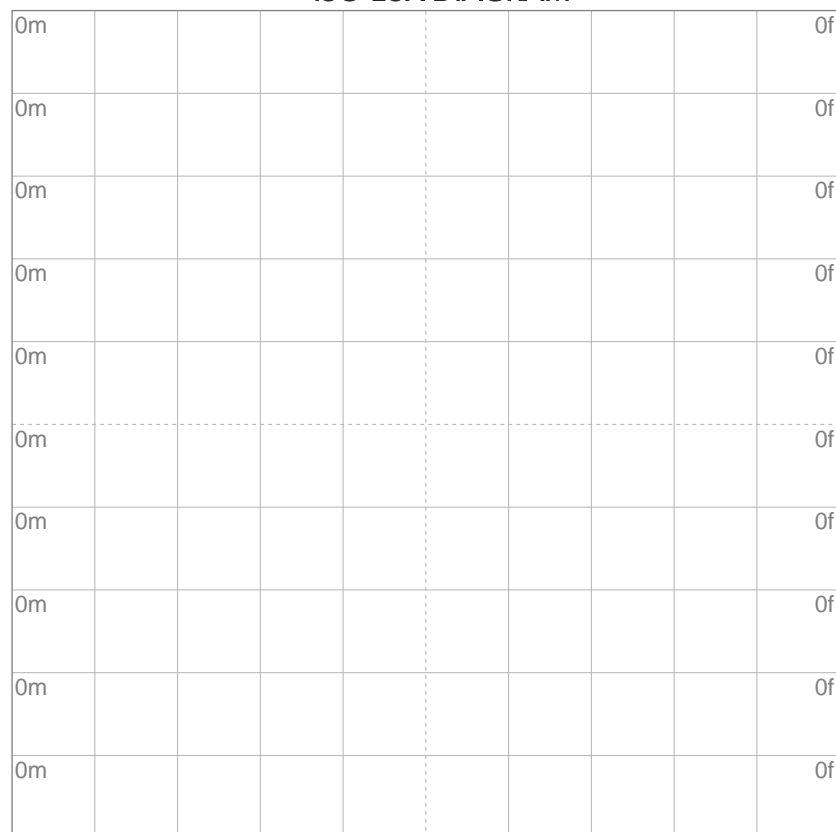
10%	1 cd
20%	2 cd
30%	4 cd
40%	5 cd
50%	6 cd
60%	7 cd
70%	9 cd
80%	10 cd

Conditions:

Number of c-planes: 4

Candela at center: 12 cd

ISO LUX DIAGRAM



3%	3,75m lx
5%	6,24m lx
10%	12,5m lx
30%	37,5m lx
50%	62,4m lx

Conditions:

Number of c-planes: 4

Lux at center: 0,125 lx

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

Total lumen output:

19,2 lm

Peak candela output:

8,66 cd



PRODUCT NAME:

DIGISTRIP IP 1m

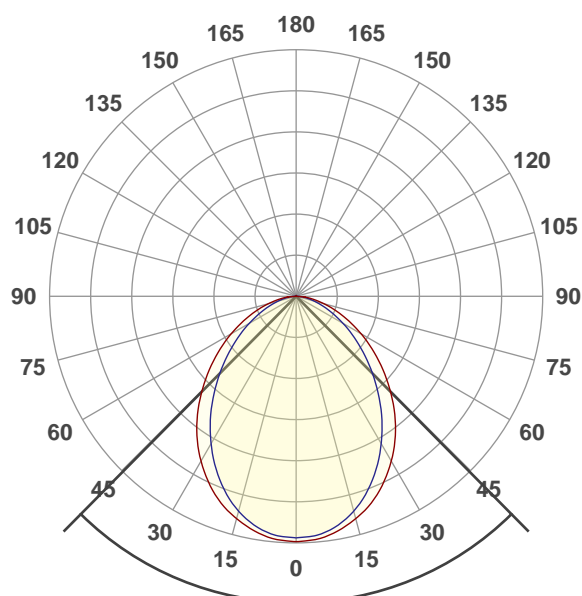
MEASURAMENT CONDITIONS:

Beam angle:
Black Diffuser

Target:
Red

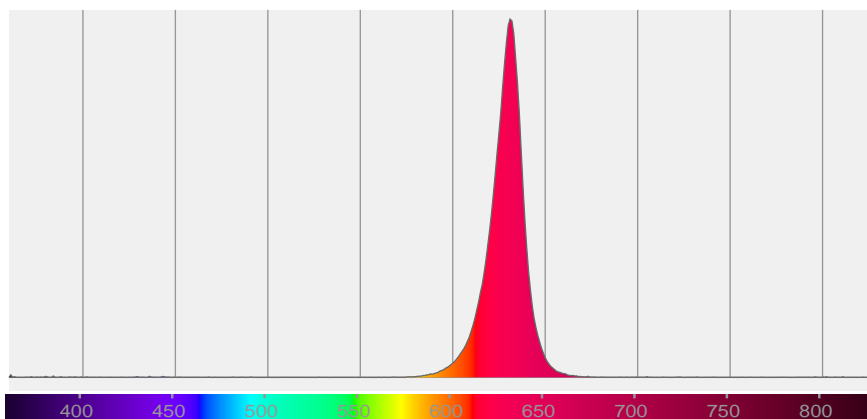
Operator:
Paolo Carvone

Date and time:
11/05/2020 10:08:25



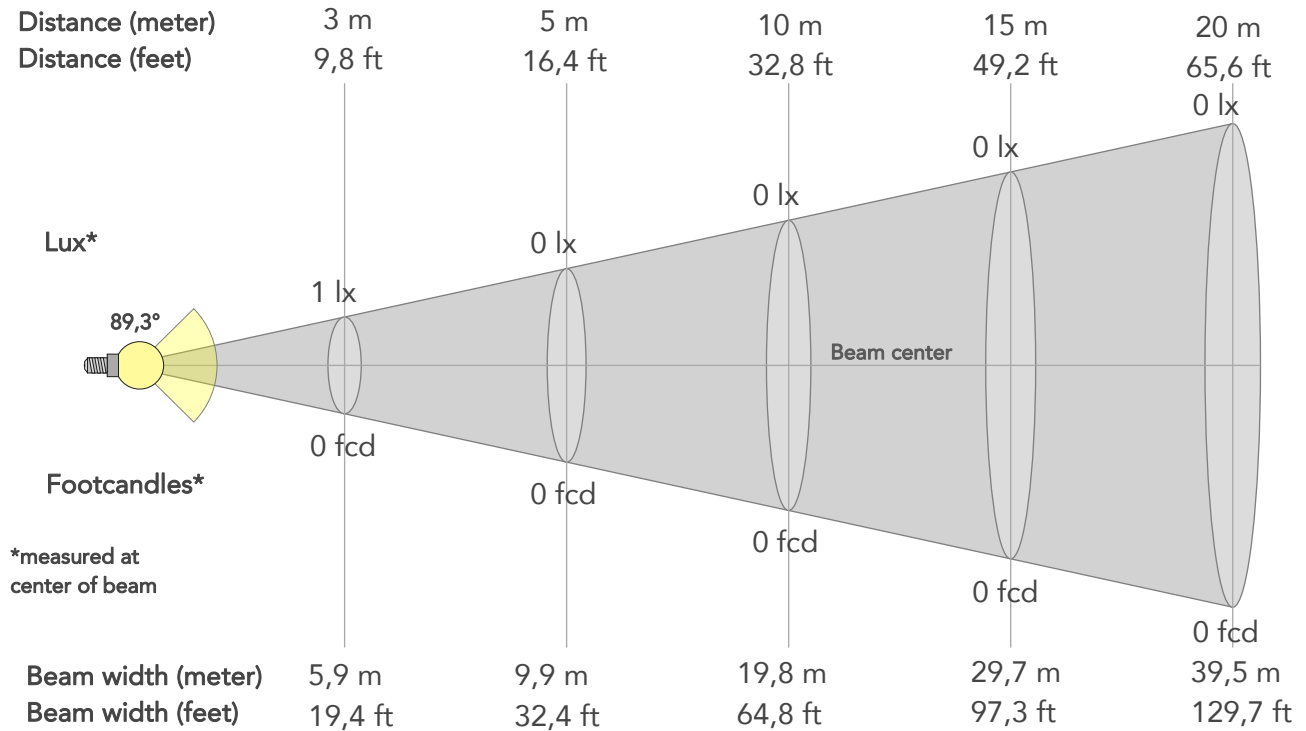
Beam angle 50%: 89,3°
Field angle 10%: 148,9°
Cut off angle 2.5%: 176,1°

Spectra



BEAM DETAILS

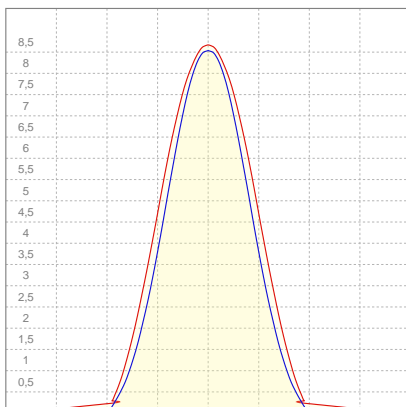
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
89,3°	148,9°	176,1°	82,0%	60,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	9lx	2lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2m	4m	5,9m	7,9m	9,9m	14,8m	19,8m	29,7m	39,5m	49,4m	59,3m	79,1m	98,8m
Beam wid.	6,5ft	13ft	19,4ft	25,9ft	32,4ft	48,6ft	64,8ft	97,3ft	129,7ft	162,1ft	194,5ft	259,4ft	324,2ft

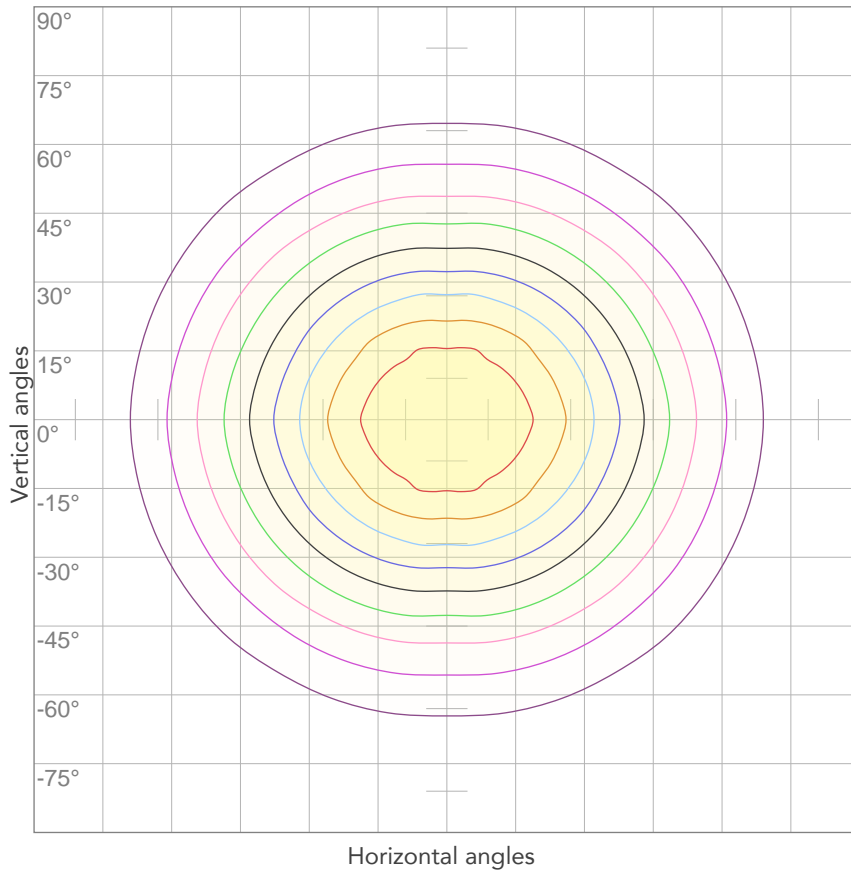
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,221A	24,4W	1lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



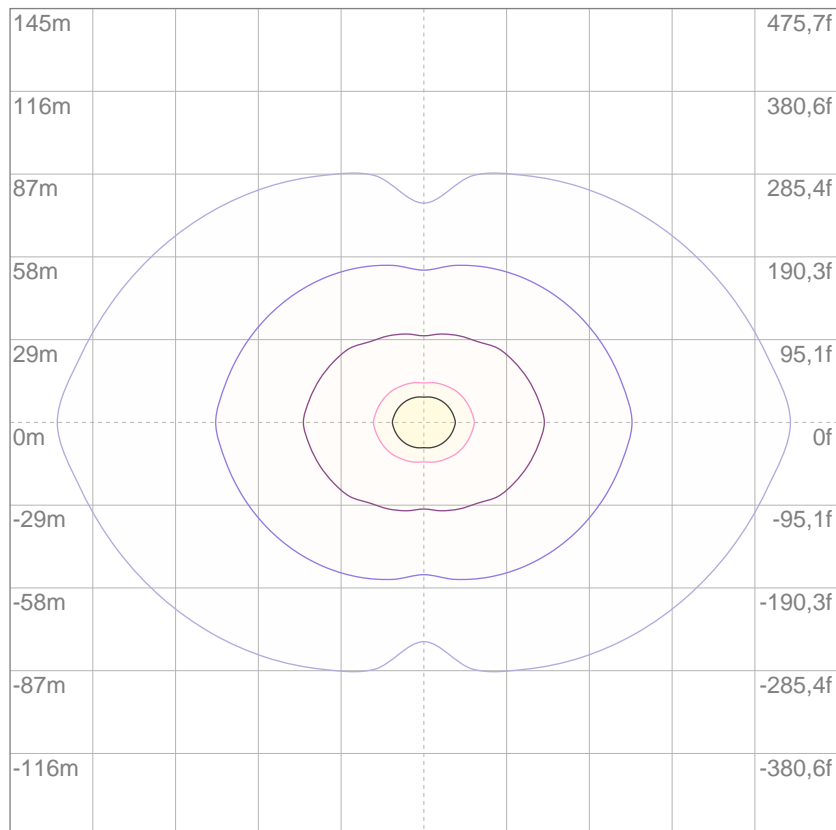
10%	1 cd
20%	2 cd
30%	3 cd
40%	3 cd
50%	4 cd
60%	5 cd
70%	6 cd
80%	7 cd

Conditions:

Number of c-planes: 4

Candela at center: 9 cd

ISO LUX DIAGRAM



3%	2,58m lx
5%	4,30m lx
10%	8,60m lx
30%	25,8m lx
50%	43,0m lx

Conditions:

Number of c-planes: 4

Lux at center: 86,0m lx

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

Total lumen output:

346 lm

Peak candela output:

109 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

No Diffuser

Target:

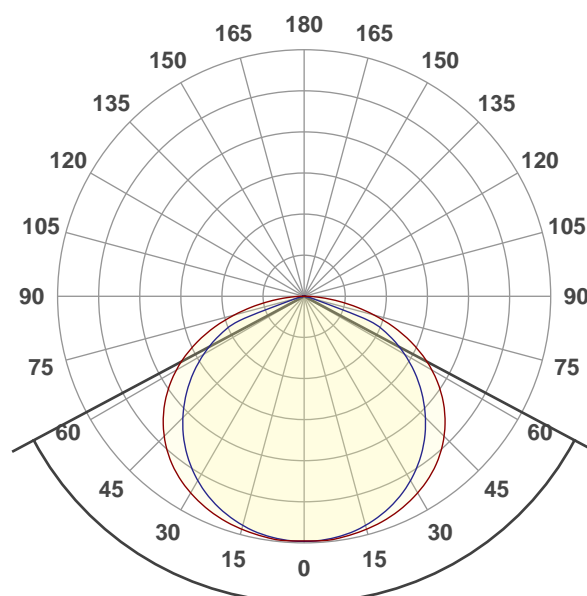
Green

Operator:

Paolo Carvone

Date and time:

11/05/2020 10:00:10

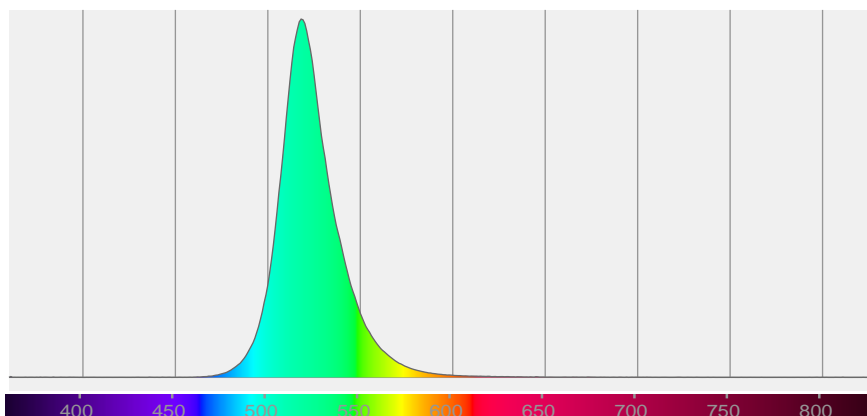


Beam angle 50%: 123,9°

Field angle 10%: 156,4°

Cut off angle 2.5%: 164,5°

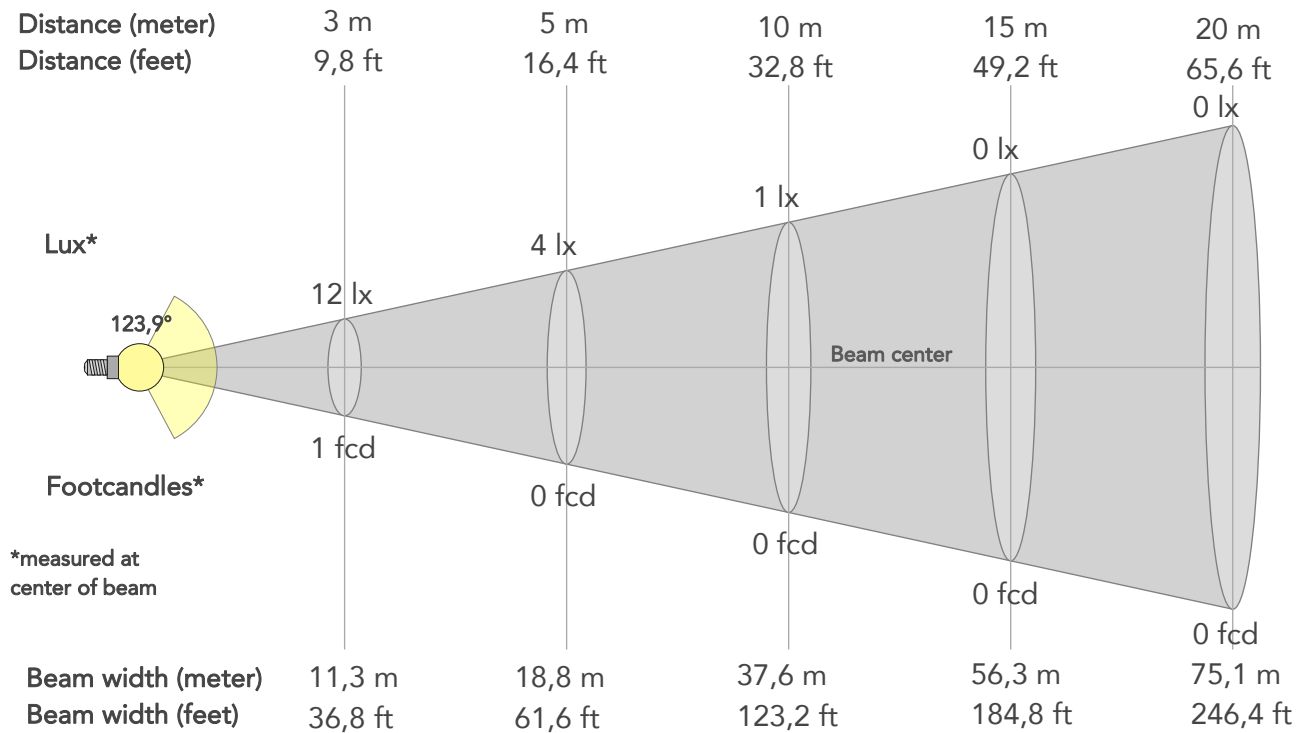
Spectra



BEAM DETAILS



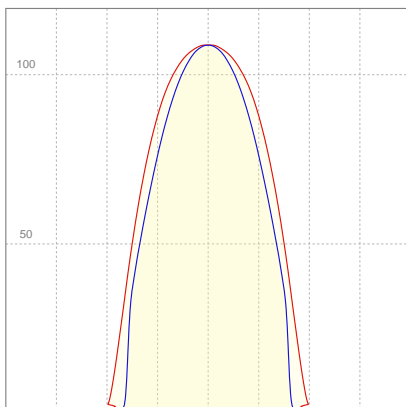
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
123,9°	156,4°	164,5°	77,6%	51,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	109lx	27lx	12lx	7lx	4lx	2lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	10fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,8m	7,5m	11,3m	15m	18,8m	28,2m	37,6m	56,3m	75,1m	93,9m	112,7m	150,3m	187,8m
Beam wid.	12,4ft	24,8ft	36,8ft	49,2ft	61,6ft	92,4ft	123,2ft	184,8ft	246,4ft	308ft	369,7ft	492,9ft	616,1ft

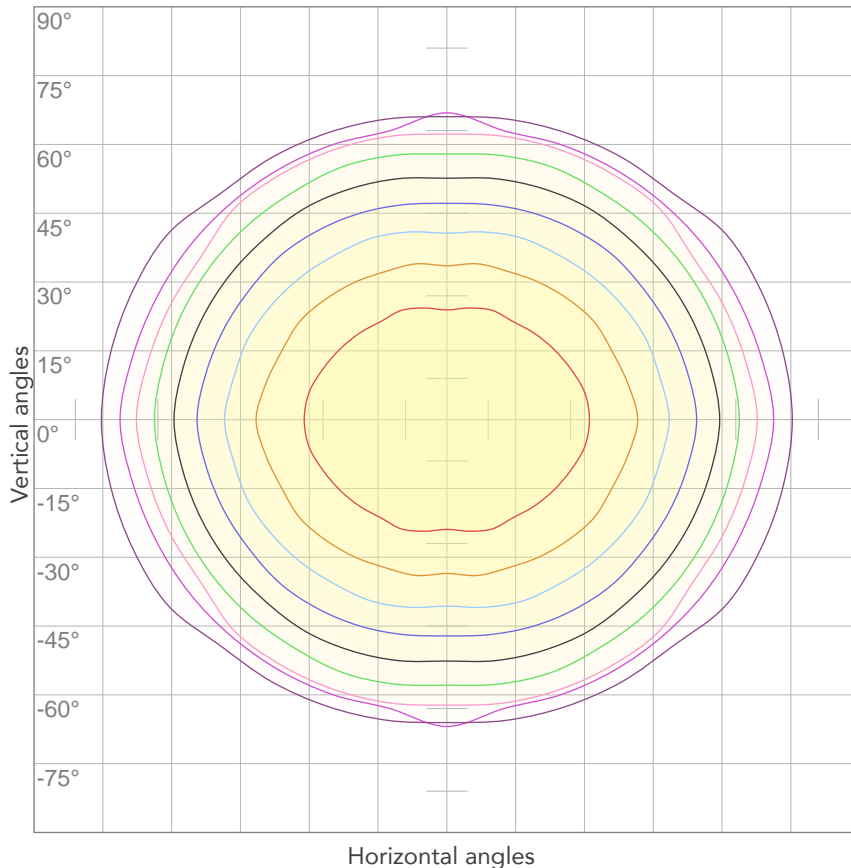
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,222A	24,4W	14lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



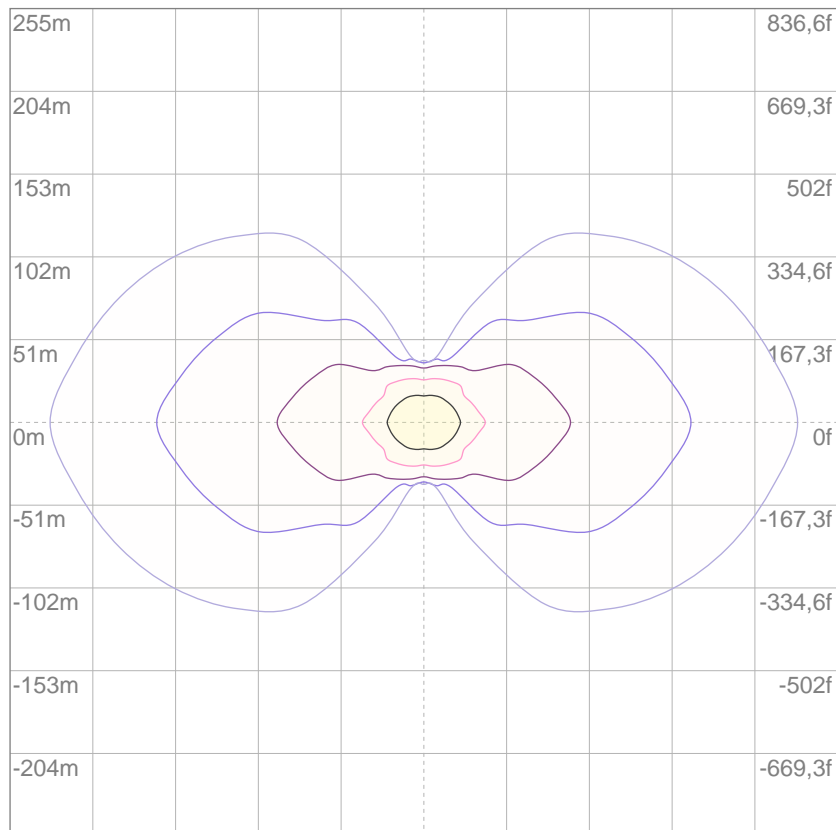
10%	11 cd
20%	22 cd
30%	33 cd
40%	43 cd
50%	54 cd
60%	65 cd
70%	76 cd
80%	87 cd

Conditions:

Number of c-planes: 4

Candela at center: 109 cd

ISO LUX DIAGRAM



3%	32,6m lx
5%	54,3m lx
10%	0,109 lx
30%	0,326 lx
50%	0,543 lx

Conditions:

Number of c-planes: 4

Lux at center: 1,09 lx

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

Total lumen output:

202 lm

Peak candela output:

49,2 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

Flat Diffuser

Target:

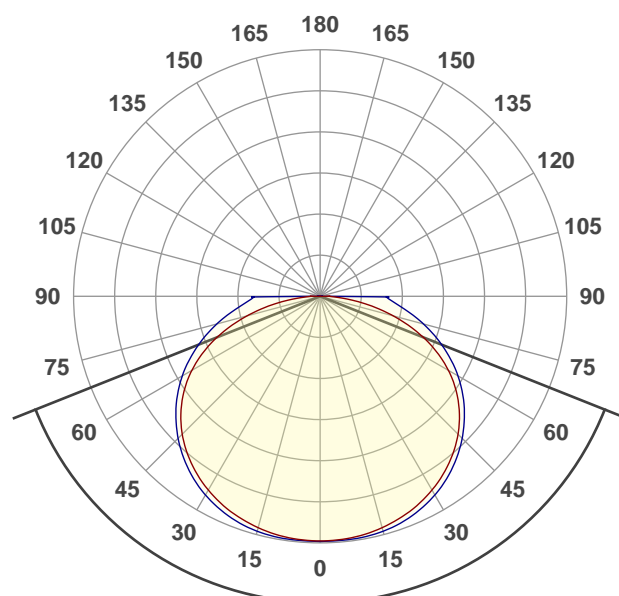
Green

Operator:

Paolo Carvone

Date and time:

11/05/2020 09:30:26

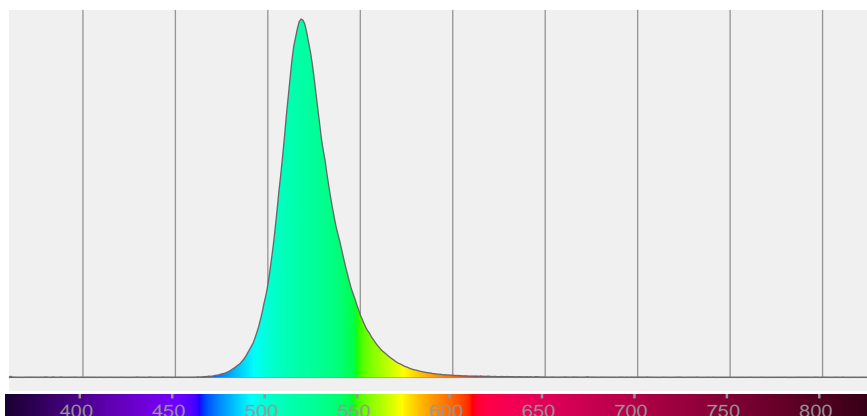


Beam angle 50%: 136,6°

Field angle 10%: 198,2°

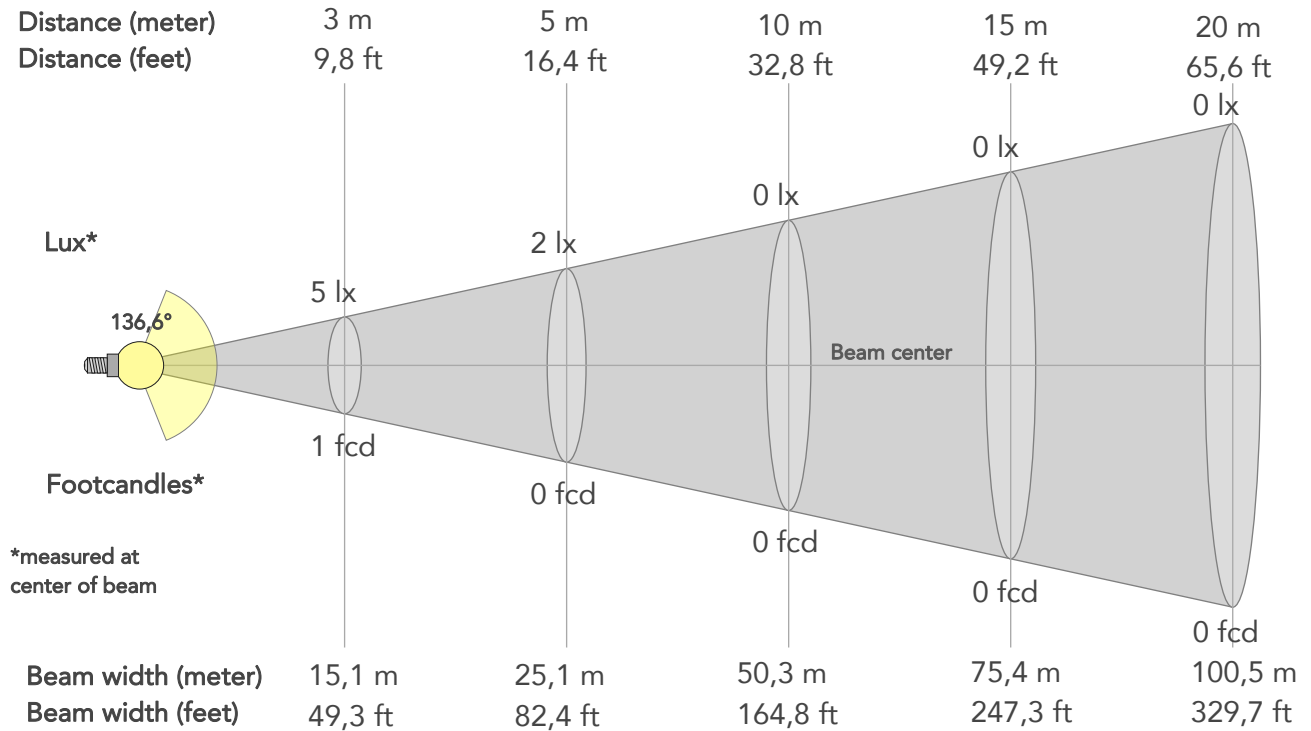
Cut off angle 2.5%: 252,9°

Spectra



BEAM DETAILS

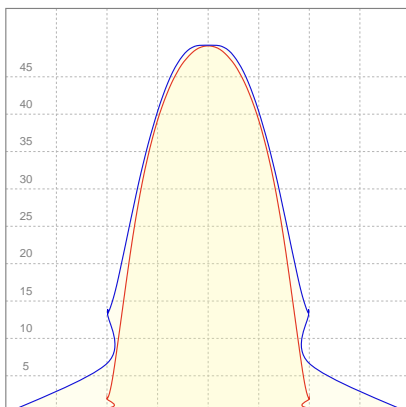
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
136,6°	198,2°	252,9°	63,8%	40,9%



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	49lx	12lx	5lx	3lx	2lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	5fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	5m	10,1m	15,1m	20,1m	25,1m	37,7m	50,3m	75,4m	100,5m	125,6m	150,8m	201m	251,3m
Beam wid.	16,6ft	33,2ft	49,3ft	65,8ft	82,4ft	123,6ft	164,8ft	247,3ft	329,7ft	412,1ft	494,5ft	659,4ft	824,2ft

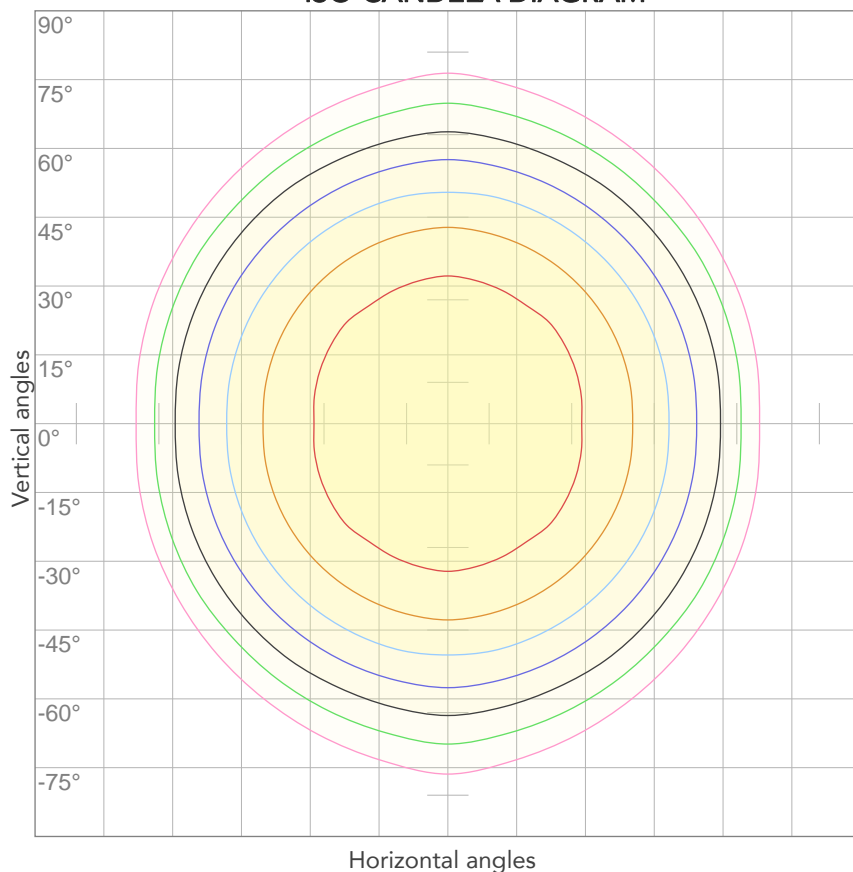
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,227A	24,9W	8lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



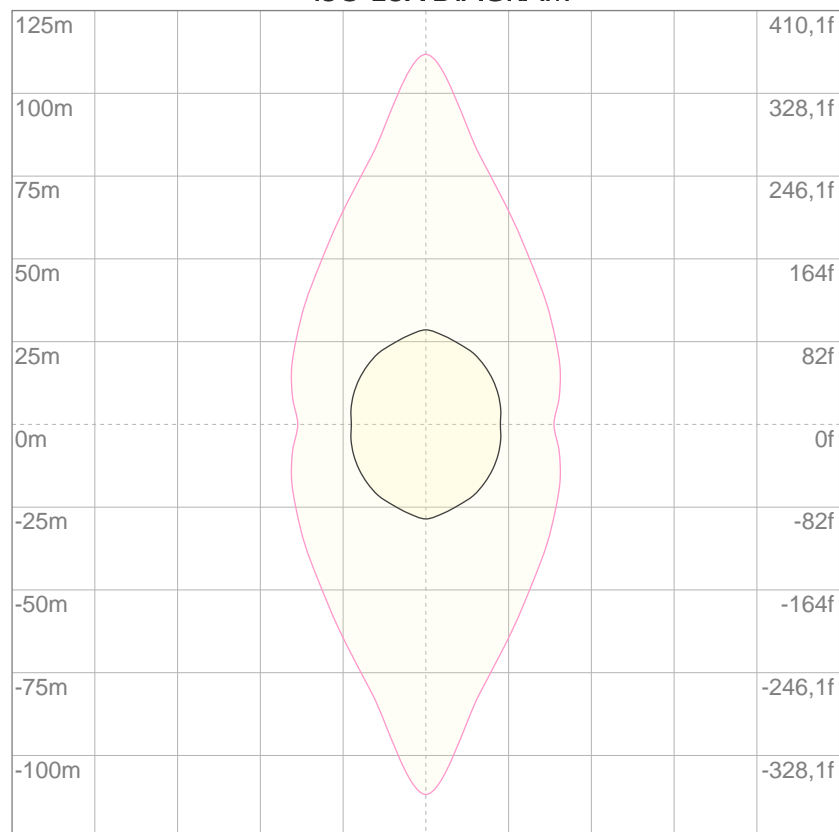
10%	5 cd
20%	10 cd
30%	15 cd
40%	20 cd
50%	25 cd
60%	30 cd
70%	34 cd
80%	39 cd

Conditions:

Number of c-planes: 4

Candela at center: 49 cd

ISO LUX DIAGRAM



3%	14,8m lx
5%	24,6m lx
10%	49,2m lx
30%	0,148 lx
50%	0,246 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,492 lx

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

Total lumen output:

220 lm

Peak candela output:

34,8 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

Dome Diffuser

Target:

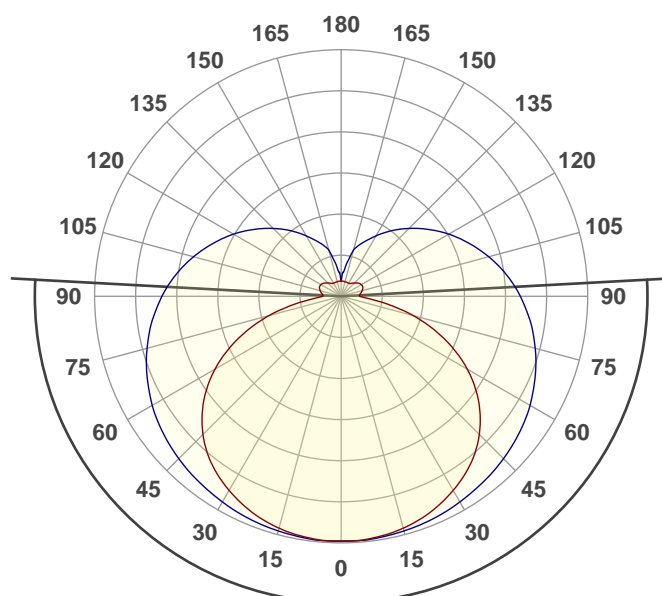
Green

Operator:

Paolo Carvone

Date and time:

11/05/2020 09:50:22

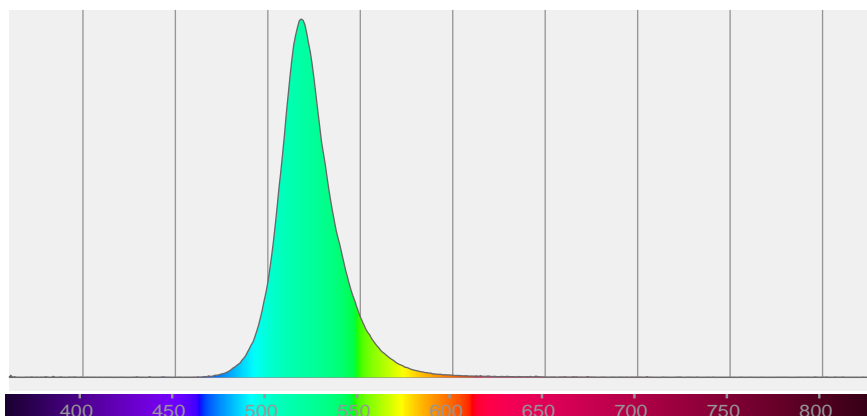


Beam angle 50%: 186,2°

Field angle 10%: 261,4°

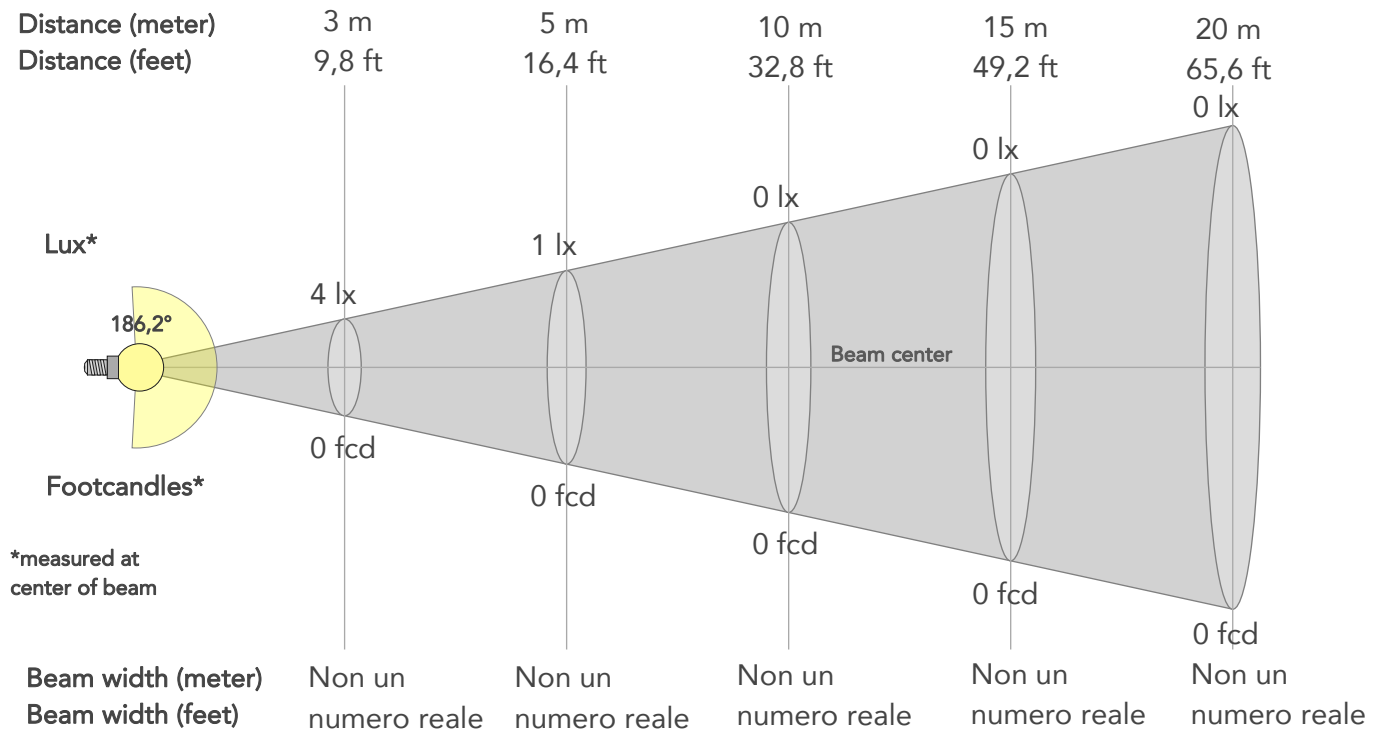
Cut off angle 2.5%: 360°

Spectra



BEAM DETAILS

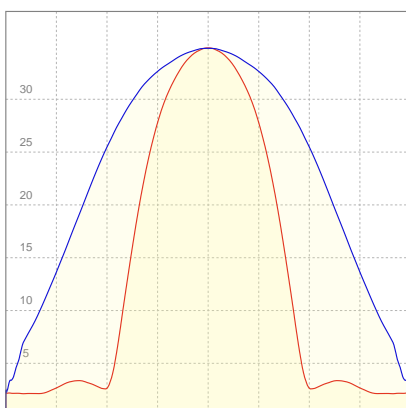
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
186,2°	261,4°	360°	43,9%	27,2%



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	35lx	9lx	4lx	2lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	3fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un
Beam wid.	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un

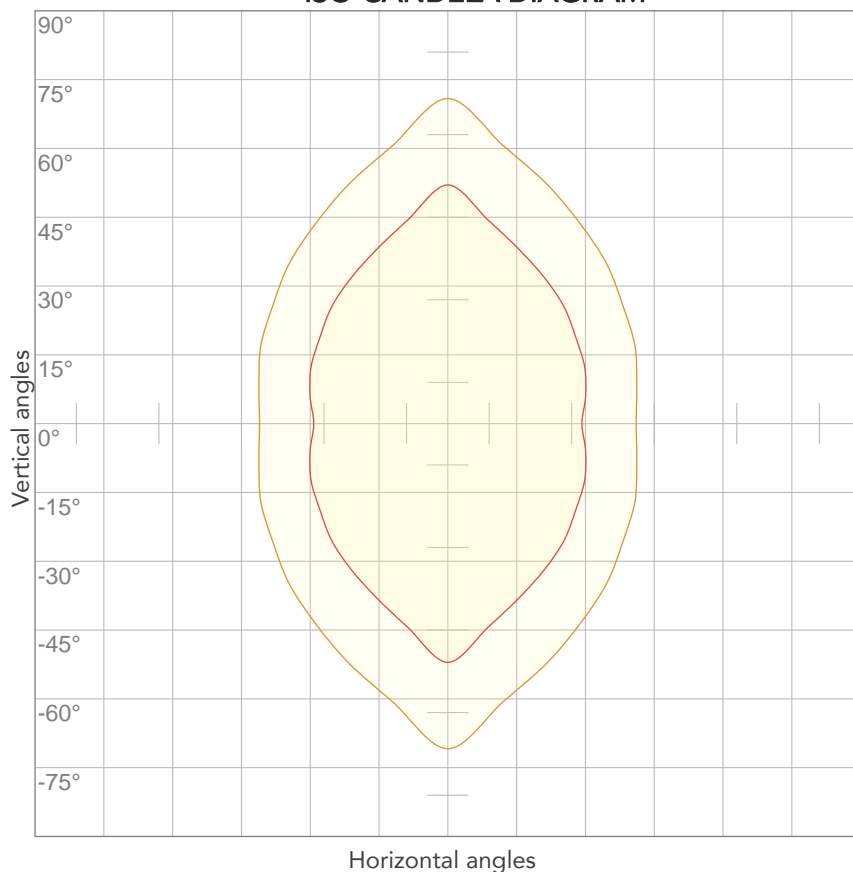
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,222A	24,5W	9lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



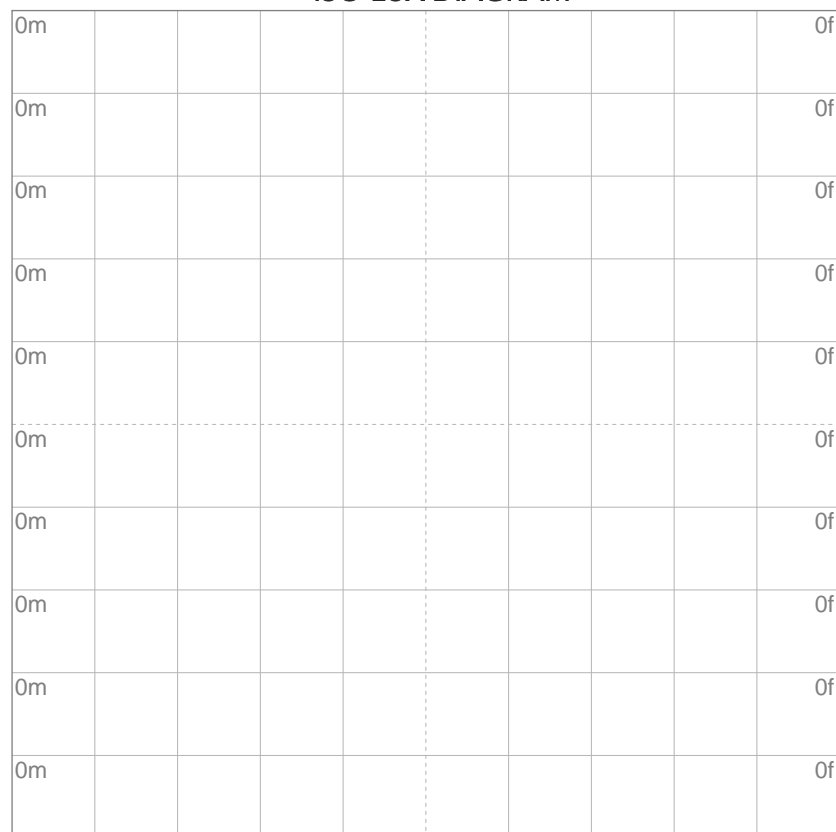
10%	3 cd
20%	7 cd
30%	10 cd
40%	14 cd
50%	17 cd
60%	21 cd
70%	24 cd
80%	28 cd

Conditions:

Number of c-planes: 4

Candela at center: 35 cd

ISO LUX DIAGRAM



3%	10,4m lx
5%	17,4m lx
10%	34,8m lx
30%	0,104 lx
50%	0,174 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,348 lx

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

Total lumen output:

50,9 lm

Peak candela output:

23,1 cd



PRODUCT NAME:

DIGISTRIP IP 1m

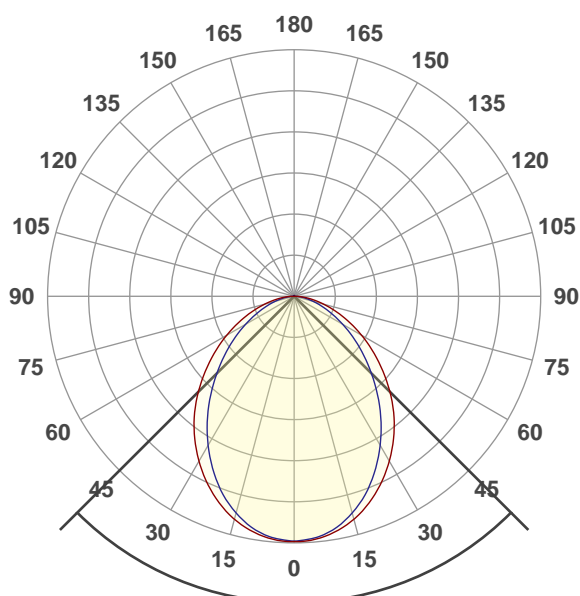
MEASURAMENT CONDITIONS:

Beam angle:
Black Diffuser

Target:
Green

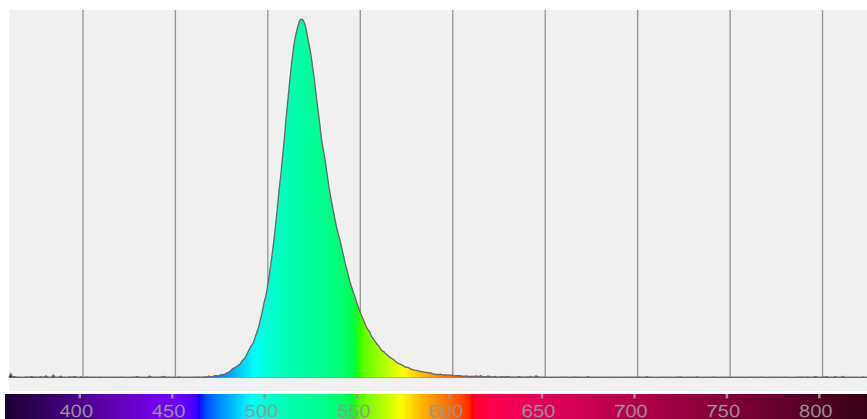
Operator:
Paolo Carvone

Date and time:
11/05/2020 10:09:53



Beam angle 50%: 90,1°
Field angle 10%: 150,2°
Cut off angle 2.5%: 171°

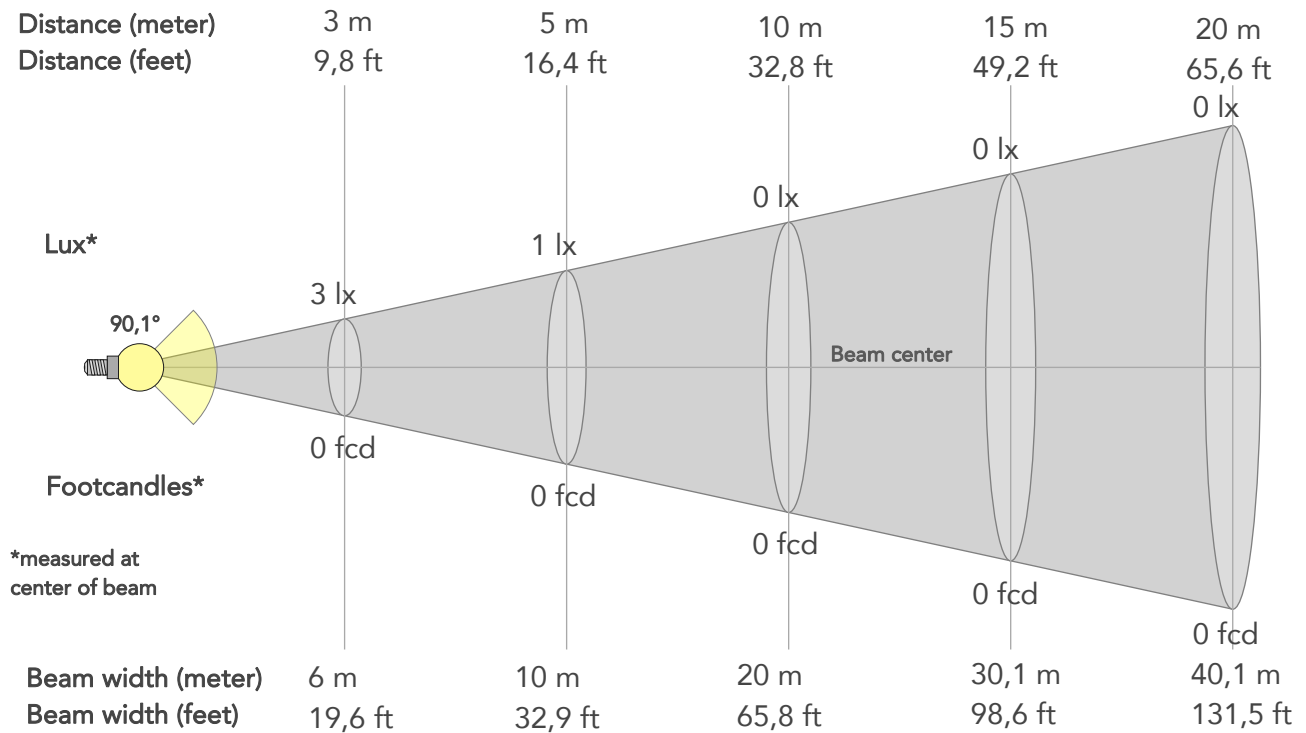
Spectra



BEAM DETAILS



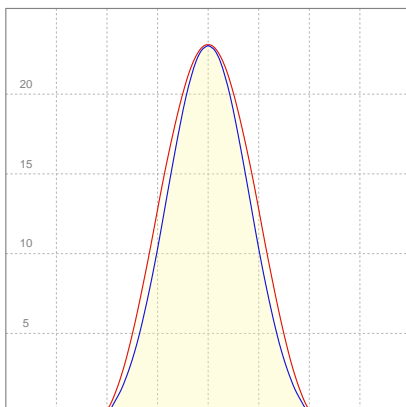
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
90,1°	150,2°	171°	83,2%	60,9%



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	23lx	6lx	3lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2m	4m	6m	8m	10m	15m	20m	30,1m	40,1m	50,1m	60,1m	80,2m	100,2m
Beam wid.	6,6ft	13,2ft	19,6ft	26,3ft	32,9ft	49,3ft	65,8ft	98,6ft	131,5ft	164,4ft	197,3ft	263ft	328,8ft

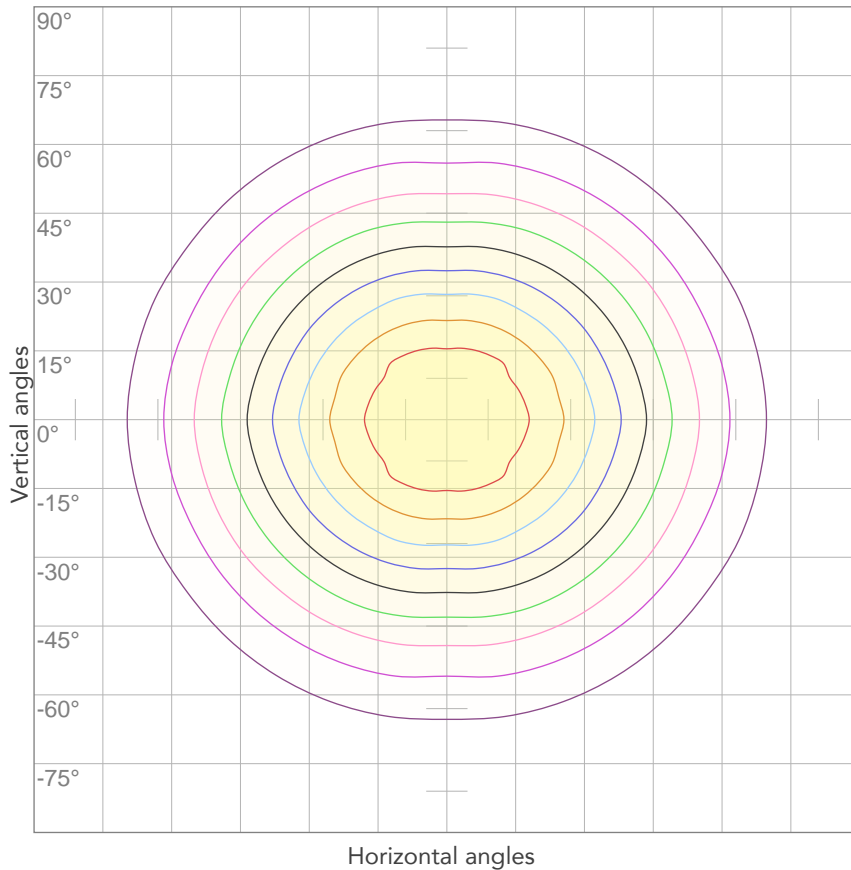
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,221A	24,3W	2lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



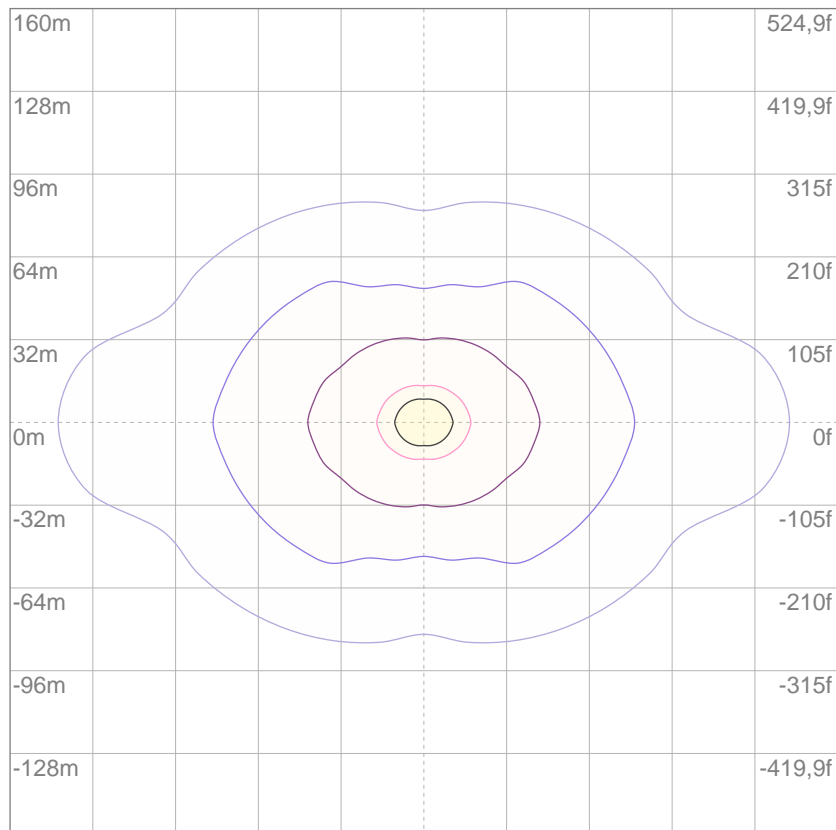
10%	2 cd
20%	5 cd
30%	7 cd
40%	9 cd
50%	12 cd
60%	14 cd
70%	16 cd
80%	18 cd

Conditions:

Number of c-planes: 4

Candela at center: 23 cd

ISO LUX DIAGRAM



3%	6,91m lx
5%	11,5m lx
10%	23,0m lx
30%	69,1m lx
50%	0,115 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,230 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:

79,5 lm

Peak candela output:

25,2 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

No Diffuser

Target:

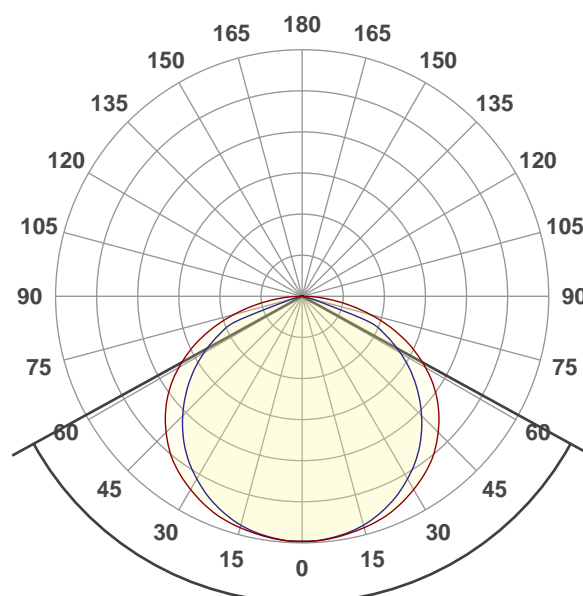
Blue

Operator:

Paolo Carvone

Date and time:

11/05/2020 10:01:55

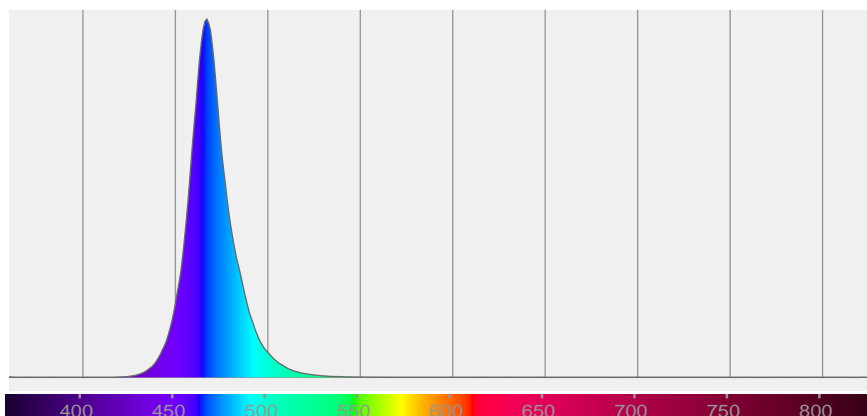


Beam angle 50%: 122,4°

Field angle 10%: 156,5°

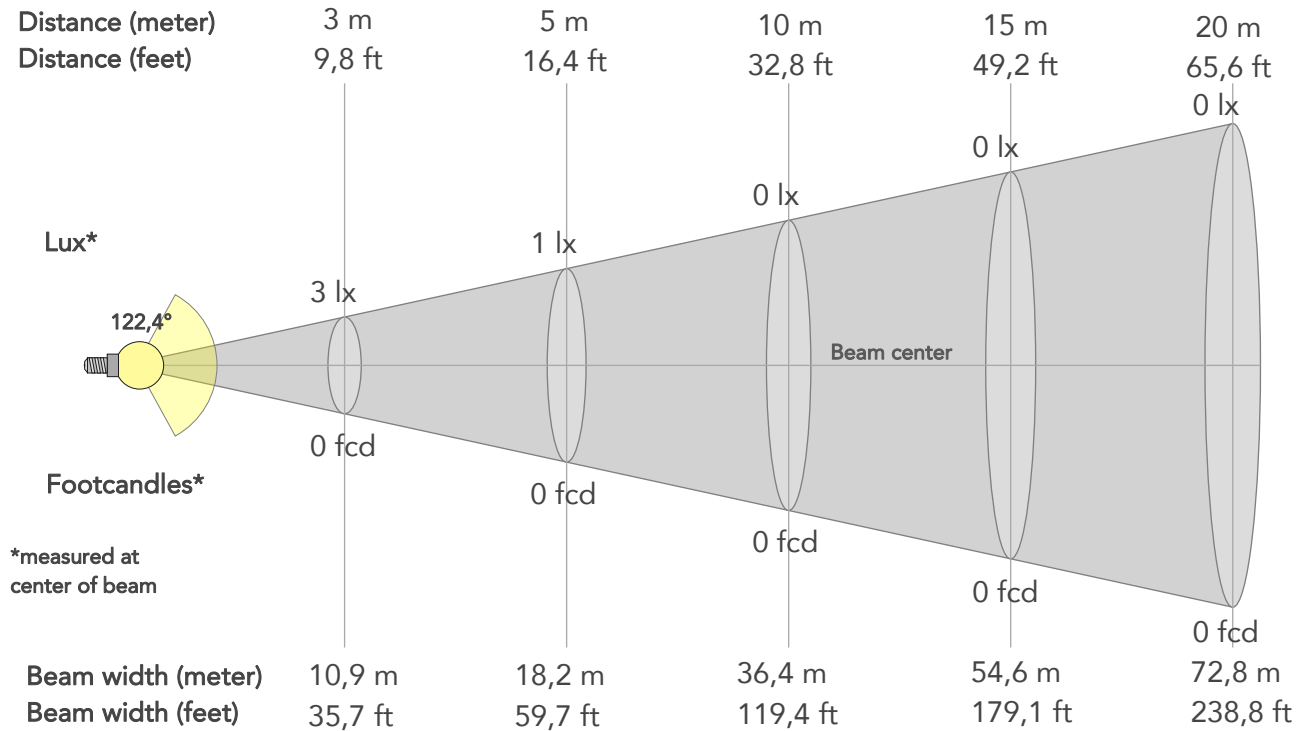
Cut off angle 2.5%: 174°

Spectra



BEAM DETAILS

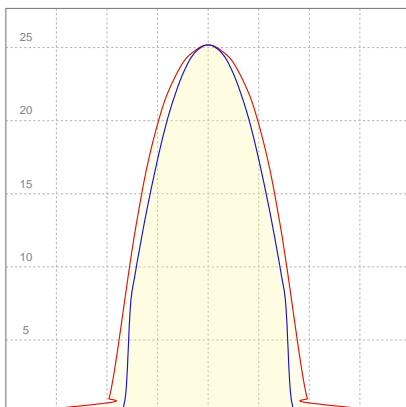
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
122,4°	156,5°	174°	76,9%	50,9%



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	25lx	6lx	3lx	2lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,6m	7,3m	10,9m	14,6m	18,2m	27,3m	36,4m	54,6m	72,8m	91m	109,2m	145,6m	182m
Beam wid.	12ft	24ft	35,7ft	47,7ft	59,7ft	89,6ft	119,4ft	179,1ft	238,8ft	298,5ft	358,2ft	477,6ft	597ft

LINEAR DISTRIBUTION DIAGRAM

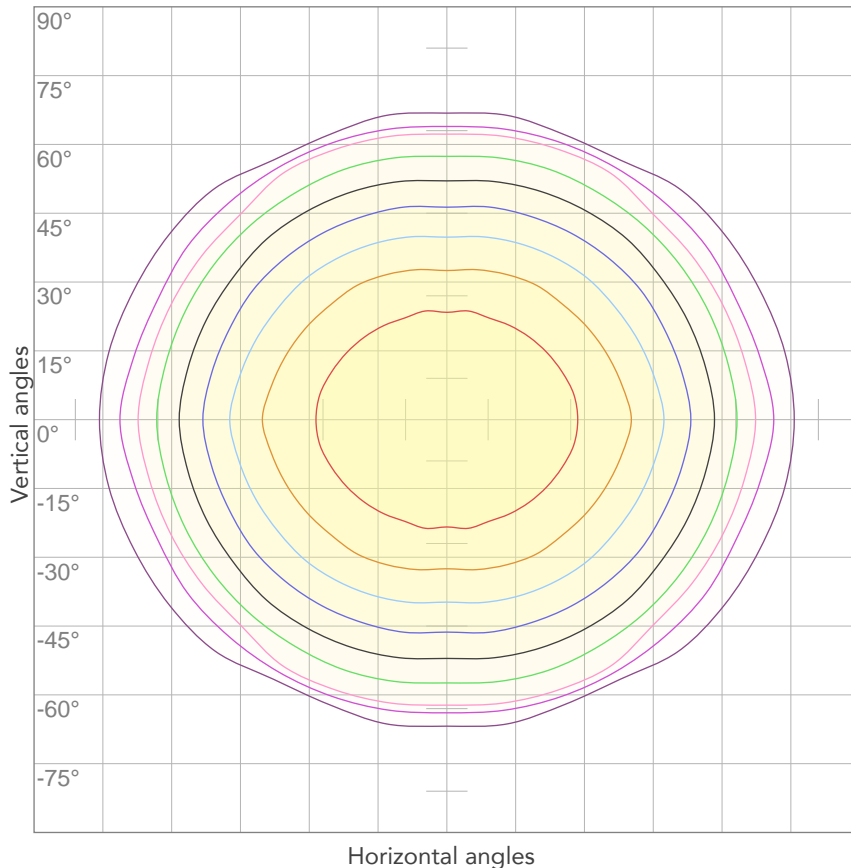


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,224A	24,4W	3lm/W

Power FC
0,48

ISO CANDELA DIAGRAM



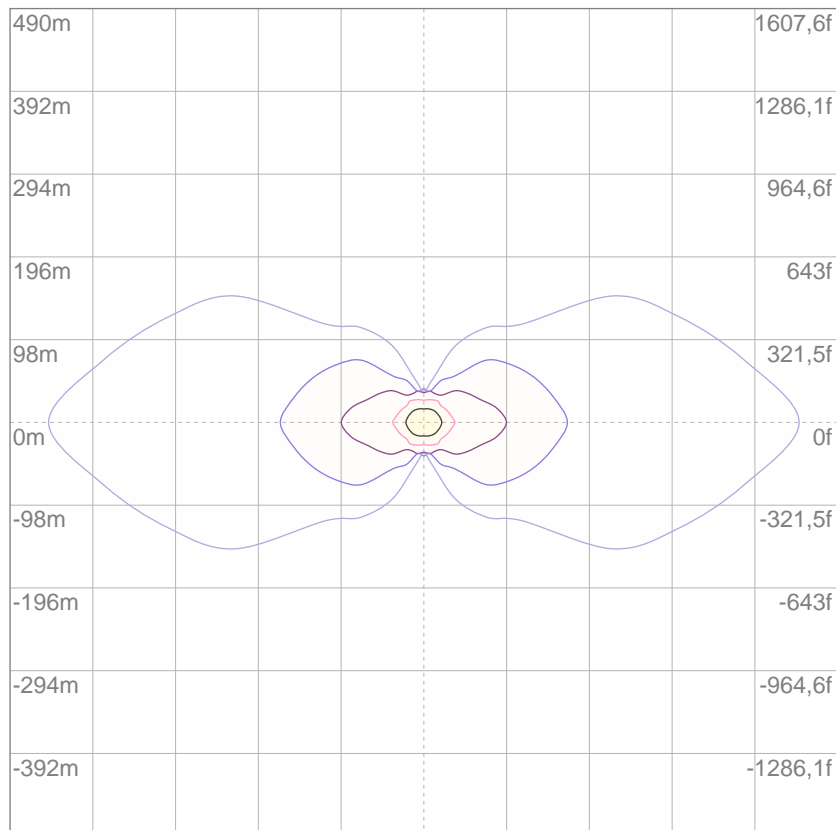
10%	3 cd
20%	5 cd
30%	8 cd
40%	10 cd
50%	13 cd
60%	15 cd
70%	18 cd
80%	20 cd

Conditions:

Number of c-planes: 4

Candela at center: 25 cd

ISO LUX DIAGRAM



3%	7,55m lx
5%	12,6m lx
10%	25,2m lx
30%	75,5m lx
50%	0,126 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,252 lx

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

Total lumen output:

46,5 lm

Peak candela output:

11,4 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

Flat Diffuser

Target:

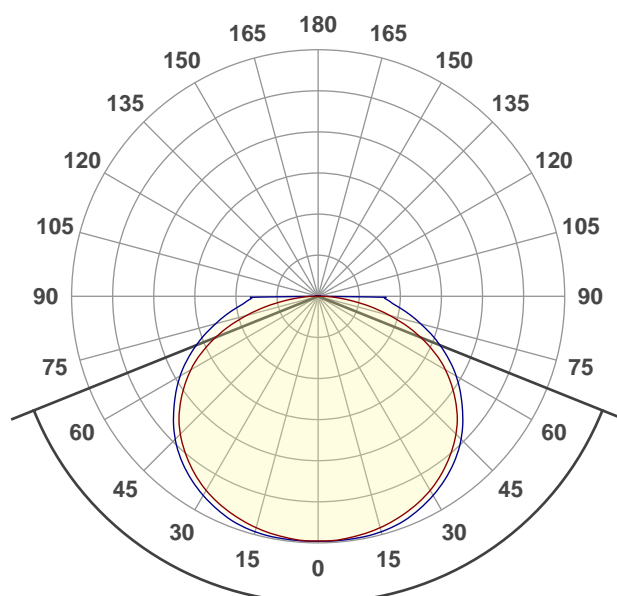
Blue

Operator:

Paolo Carvone

Date and time:

11/05/2020 09:32:17

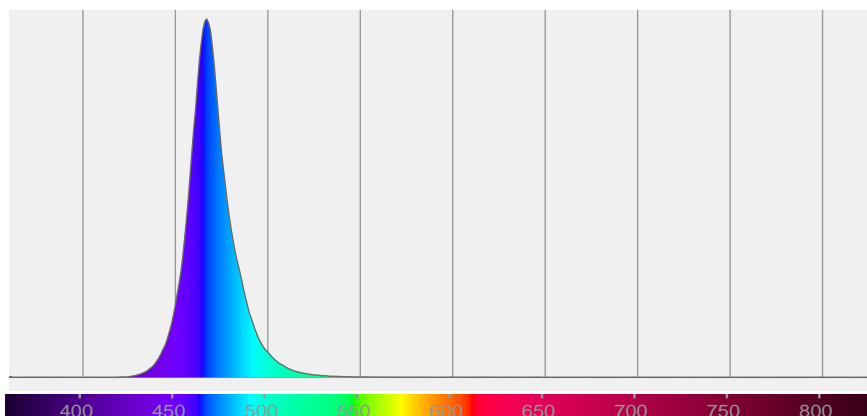


Beam angle 50%: 136,3°

Field angle 10%: 196,6°

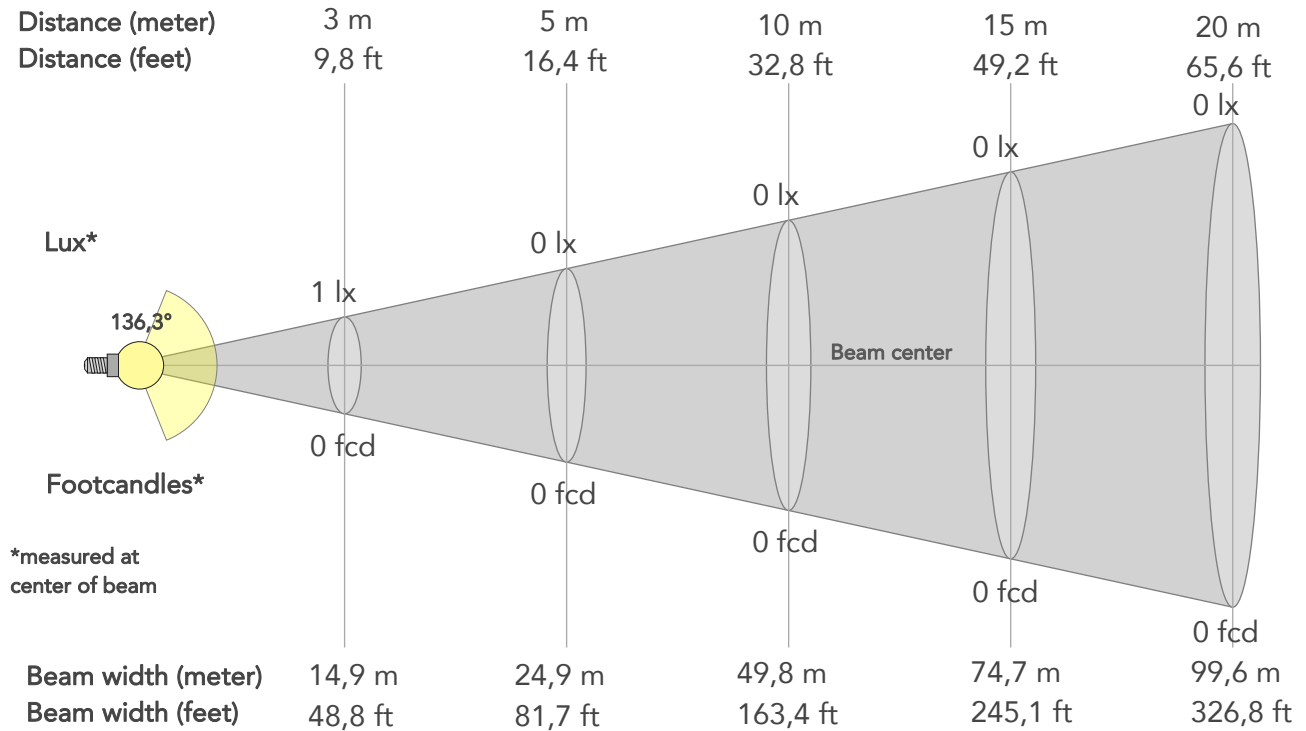
Cut off angle 2.5%: 252,1°

Spectra



BEAM DETAILS

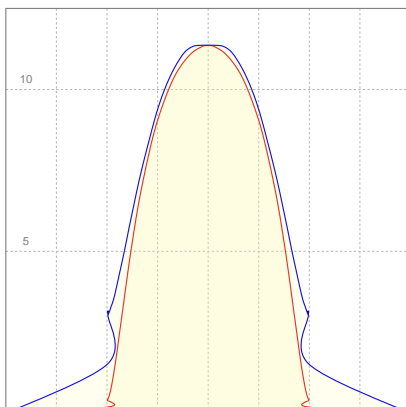
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
136,3°	196,6°	252,1°	64,0%	41,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	11lx	3lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	5m	10m	14,9m	19,9m	24,9m	37,4m	49,8m	74,7m	99,6m	124,6m	149,5m	199,3m	249,1m
Beam wid.	16,4ft	32,9ft	48,8ft	65,3ft	81,7ft	122,6ft	163,4ft	245,1ft	326,8ft	408,5ft	490,2ft	653,6ft	817ft

LINEAR DISTRIBUTION DIAGRAM

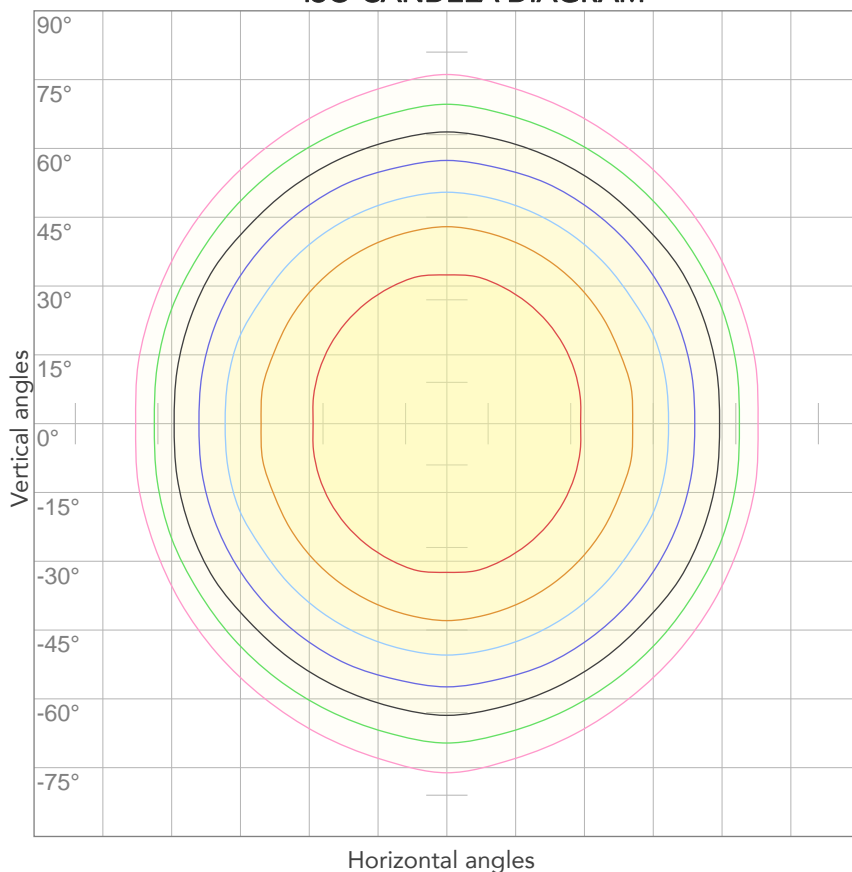


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,227A	24,8W	2lm/W

Power FC
0,49

ISO CANDELA DIAGRAM



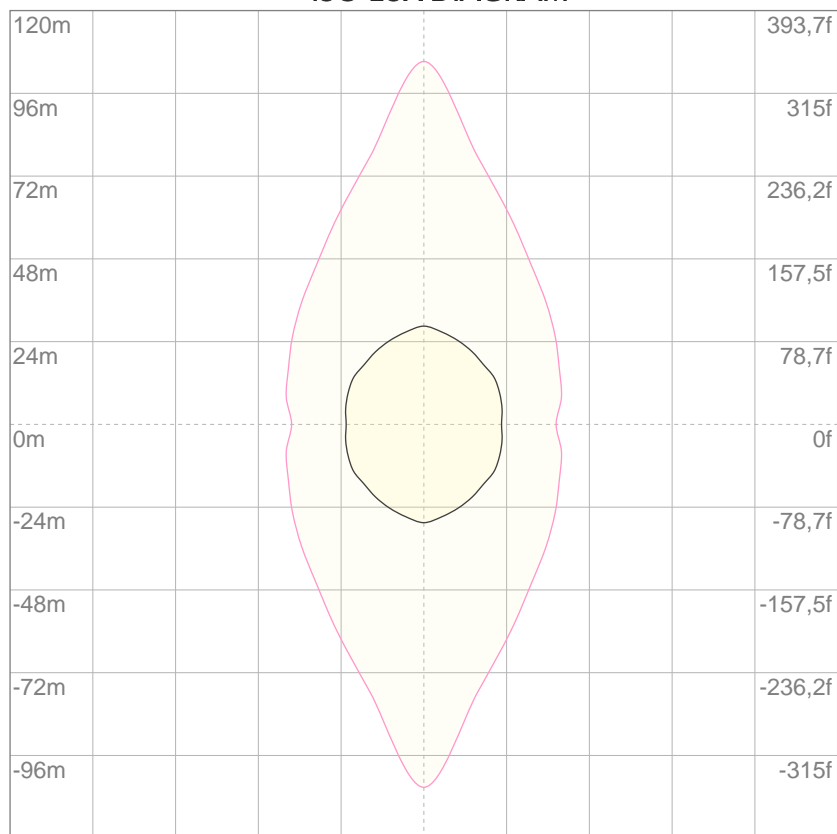
10%	1 cd
20%	2 cd
30%	3 cd
40%	5 cd
50%	6 cd
60%	7 cd
70%	8 cd
80%	9 cd

Conditions:

Number of c-planes: 4

Candela at center: 11 cd

ISO LUX DIAGRAM



3%	3,41m lx
5%	5,68m lx
10%	11,4m lx
30%	34,1m lx
50%	56,8m lx

Conditions:

Number of c-planes: 4

Lux at center: 0,114 lx

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

Total lumen output:

53,2 lm

Peak candela output:

8,42 cd



PRODUCT NAME:

DIGISTRIP IP 1m

MEASURAMENT CONDITIONS:

Beam angle:

Dome Diffuser

Target:

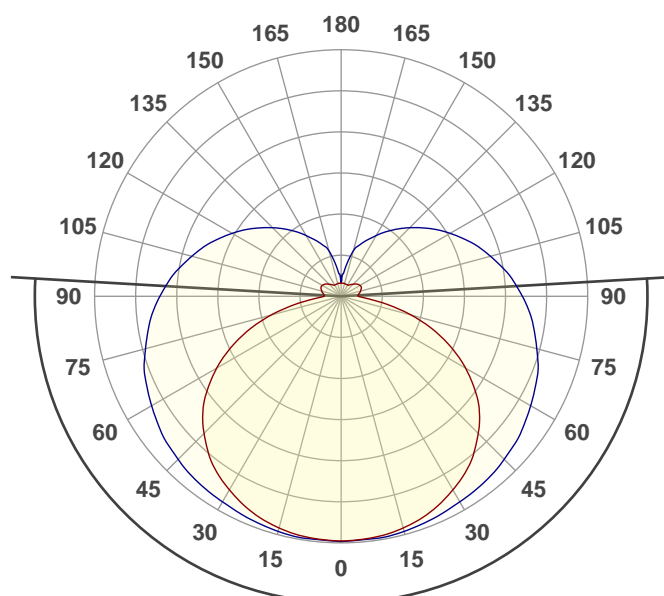
Blue

Operator:

Paolo Carvone

Date and time:

11/05/2020 09:52:08

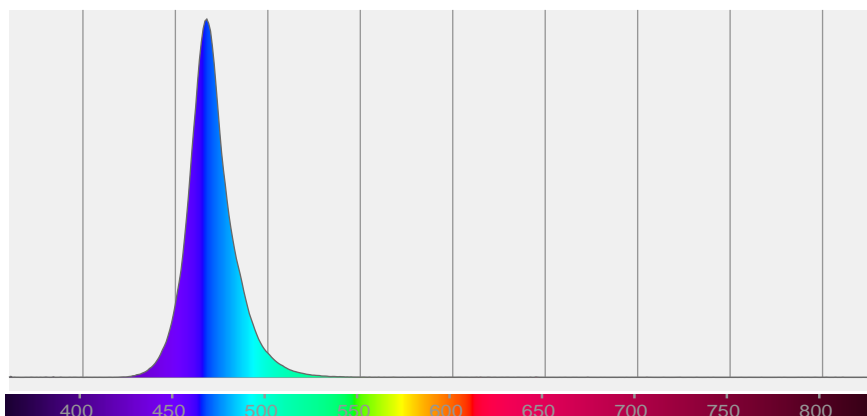


Beam angle 50%: 186,7°

Field angle 10%: 259,6°

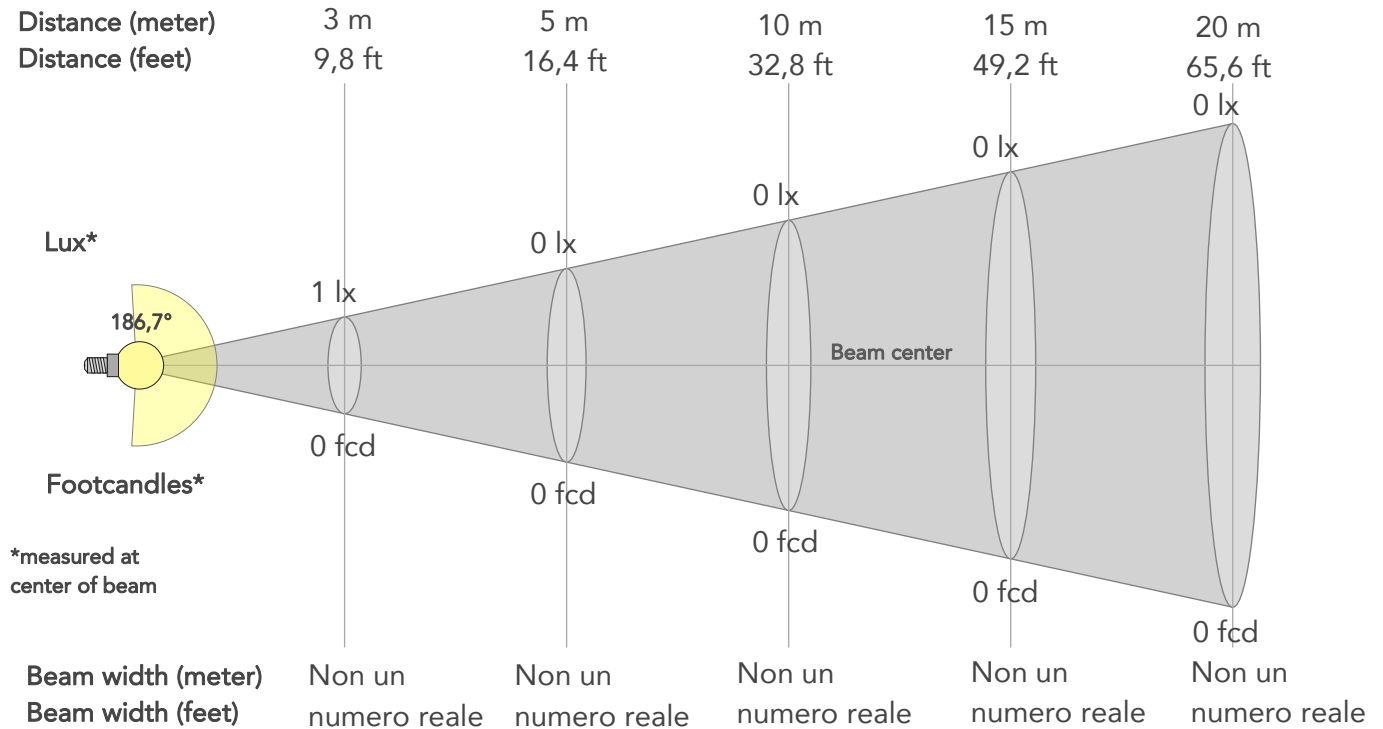
Cut off angle 2.5%: 360°

Spectra



BEAM DETAILS

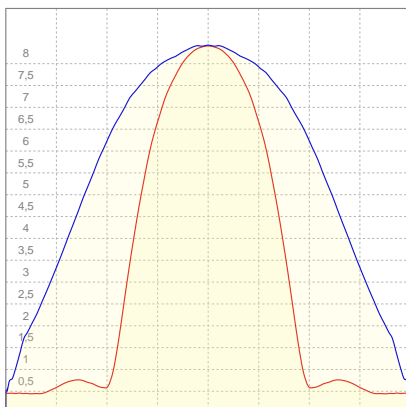
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
186,7°	259,6°	360°	43,9%	27,3%



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	8lx	2lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un
Beam wid.	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un	Non un

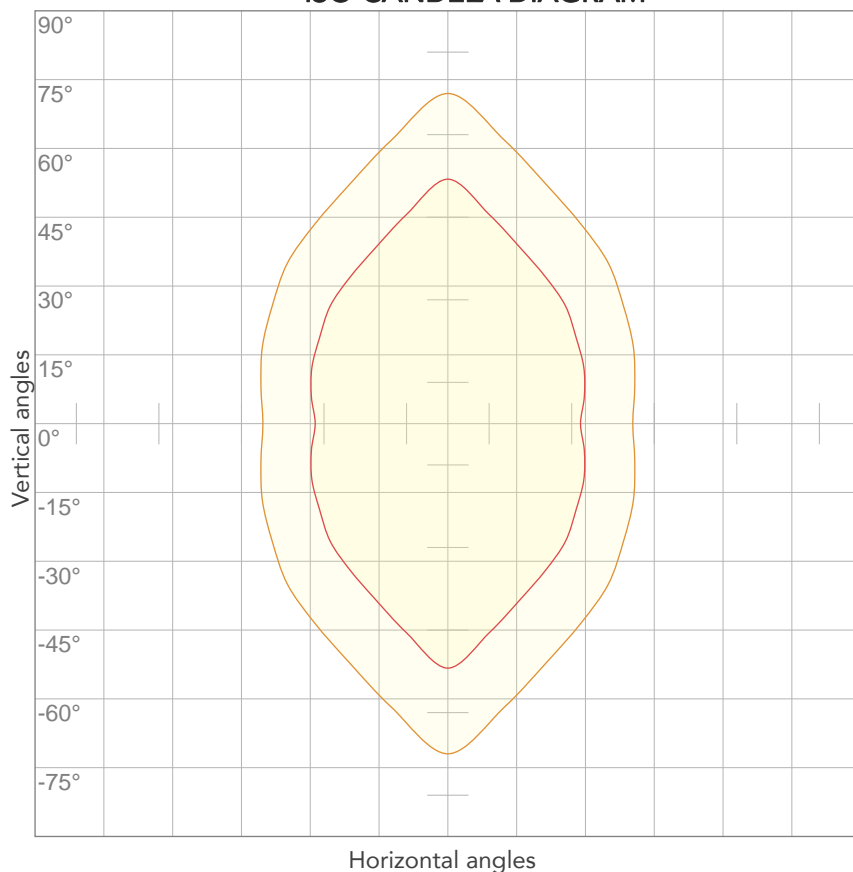
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,222A	24,5W	2lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



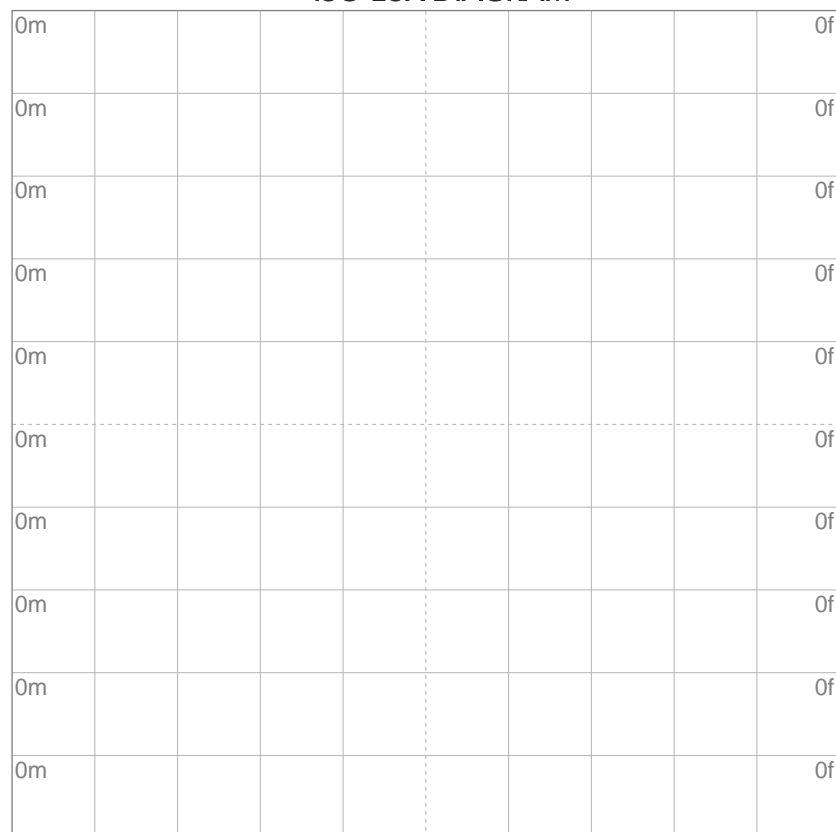
10%	1 cd
20%	2 cd
30%	3 cd
40%	3 cd
50%	4 cd
60%	5 cd
70%	6 cd
80%	7 cd

Conditions:

Number of c-planes: 4

Candela at center: 8 cd

ISO LUX DIAGRAM



3%	2,52m lx
5%	4,21m lx
10%	8,41m lx
30%	25,2m lx
50%	42,1m lx

Conditions:

Number of c-planes: 4

Lux at center: 84,1m lx

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

Total lumen output:

11,2 lm

Peak candela output:

5,04 cd



PRODUCT NAME:

DIGISTRIP IP 1m

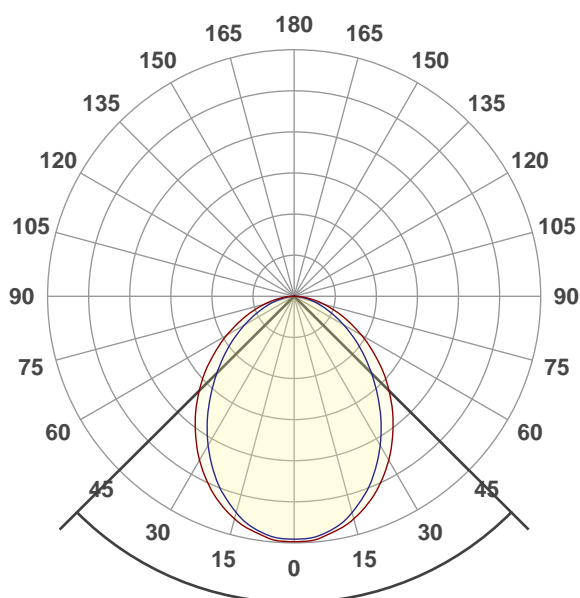
MEASURAMENT CONDITIONS:

Beam angle:
Black Diffuser

Target:
Blue

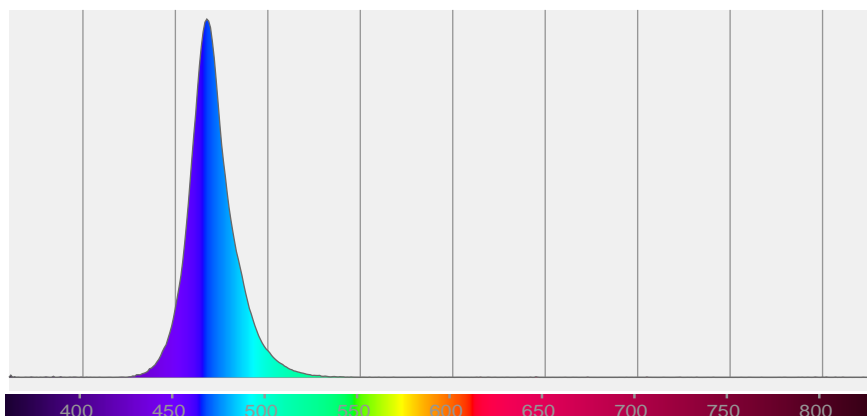
Operator:
Paolo Carvone

Date and time:
11/05/2020 10:11:14



Beam angle 50%: 90,3°
Field angle 10%: 150,8°
Cut off angle 2.5%: 171,4°

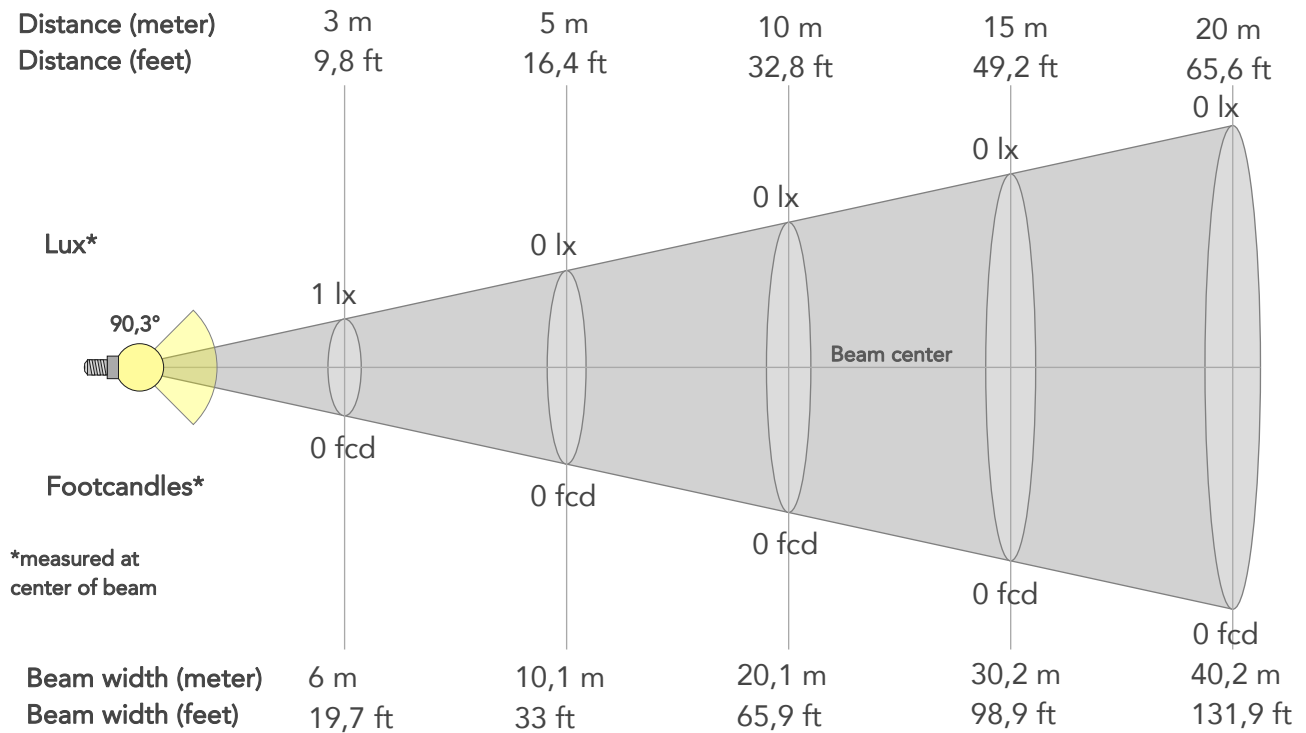
Spectra



BEAM DETAILS



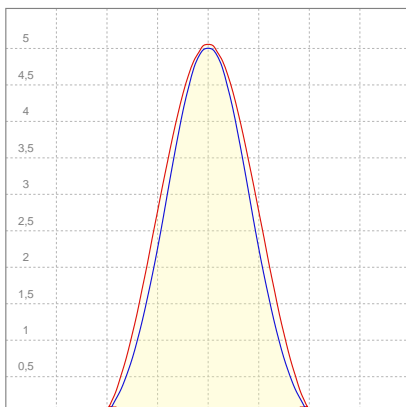
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
90,3°	150,8°	171,4°	82,3%	60,0%



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	5lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2m	4m	6m	8m	10,1m	15,1m	20,1m	30,2m	40,2m	50,3m	60,3m	80,4m	100,5m
Beam wid.	6,6ft	13,3ft	19,7ft	26,3ft	33ft	49,5ft	65,9ft	98,9ft	131,9ft	164,9ft	197,8ft	263,8ft	329,7ft

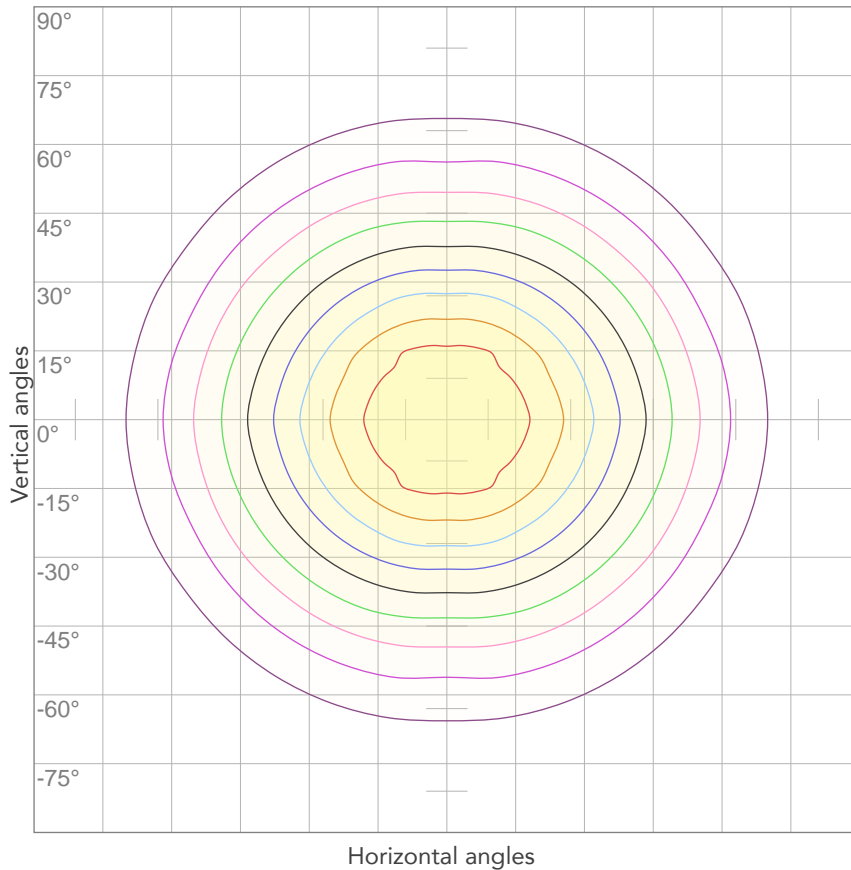
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,221A	24,4W	0lm/W
Power FC			
0,49			

ISO CANDELA DIAGRAM



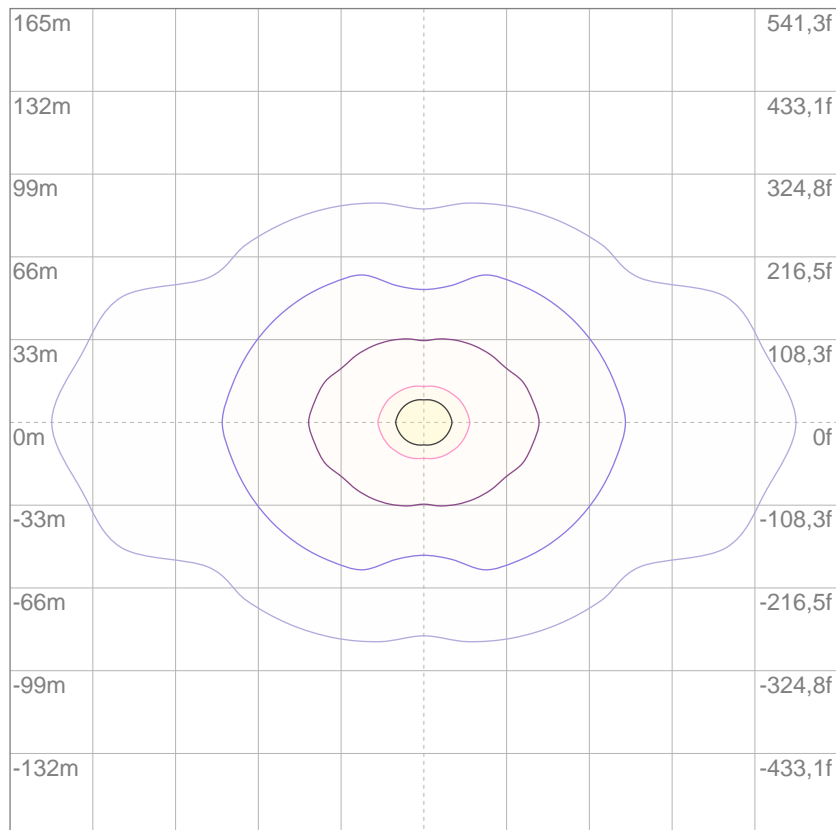
10%	1 cd
20%	1 cd
30%	2 cd
40%	2 cd
50%	3 cd
60%	3 cd
70%	4 cd
80%	4 cd

Conditions:

Number of c-planes: 4

Candela at center: 5 cd

ISO LUX DIAGRAM



3%	1,51m lx
5%	2,51m lx
10%	5,02m lx
30%	15,1m lx
50%	25,1m lx

Conditions:

Number of c-planes: 4

Lux at center: 50,2m lx

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