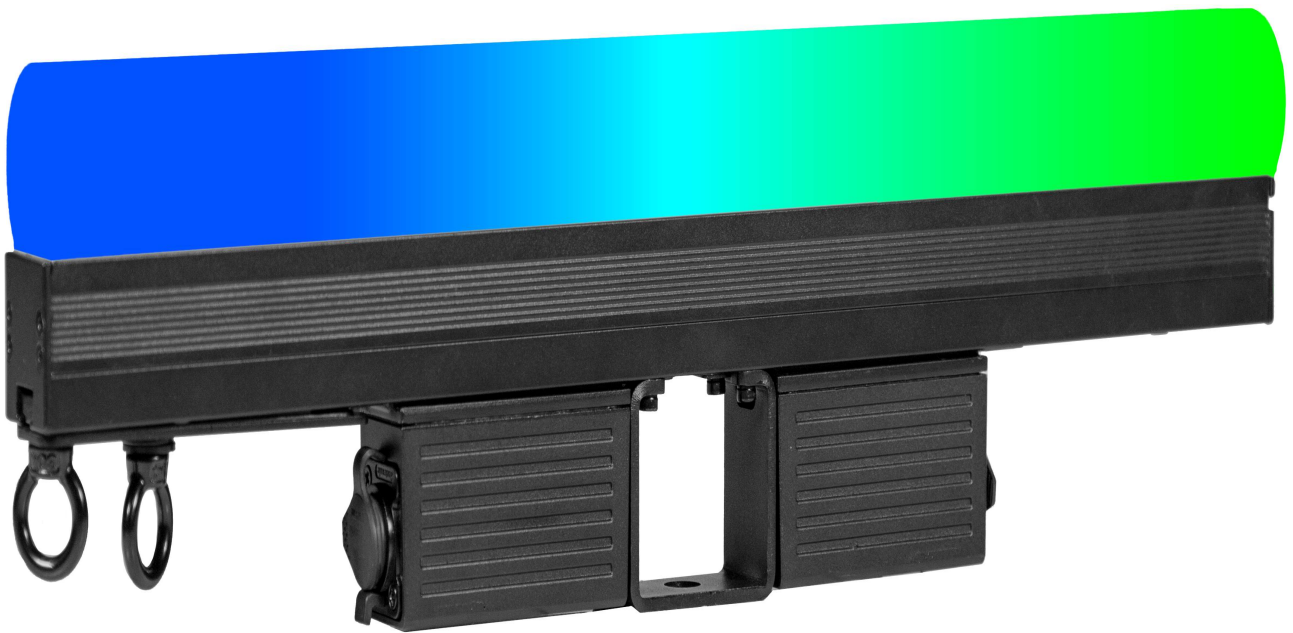


Photometric Test Report



DIGISTRIPI50

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

CONTENTS

Table of contents	2
Testing process	3
Color preset Full on	
No diffuser	4
Flat diffuser	7
Dome diffuser	10
Black diffuser	13
Color preset Red	
No diffuser	16
Flat diffuser	19
Dome diffuser	22
Black diffuser	25
Color preset Green	
No diffuser	28
Flat diffuser	31
Dome diffuser	34
Black diffuser	37
Color preset Blue	
No diffuser	40
Flat diffuser	43
Dome diffuser	46
Black diffuser	49

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:

341 lm

Peak candela output:

114 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

No Diffuser

Target:

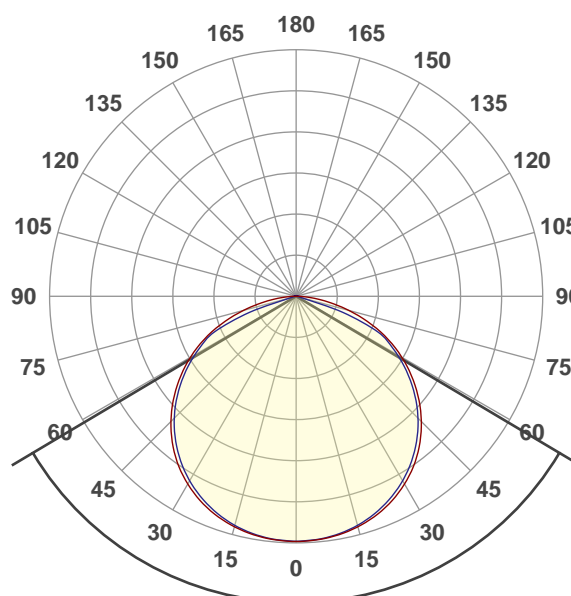
Full On

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:20:04

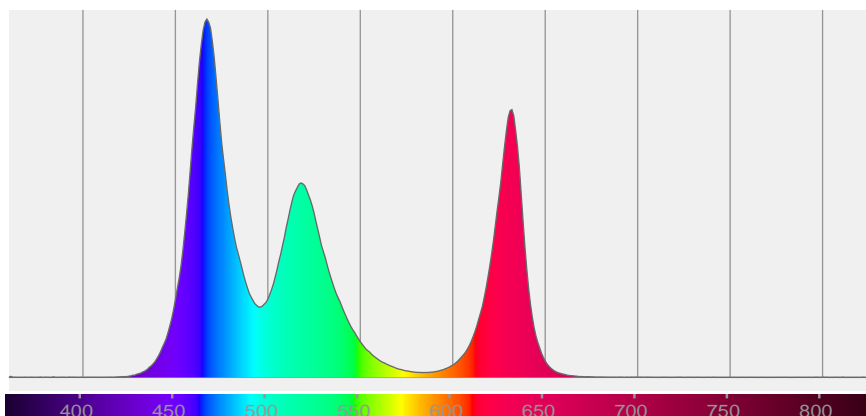


Beam angle 50%: 118,5°

Field angle 10%: 155,3°

Cut off angle 2.5%: 162,9°

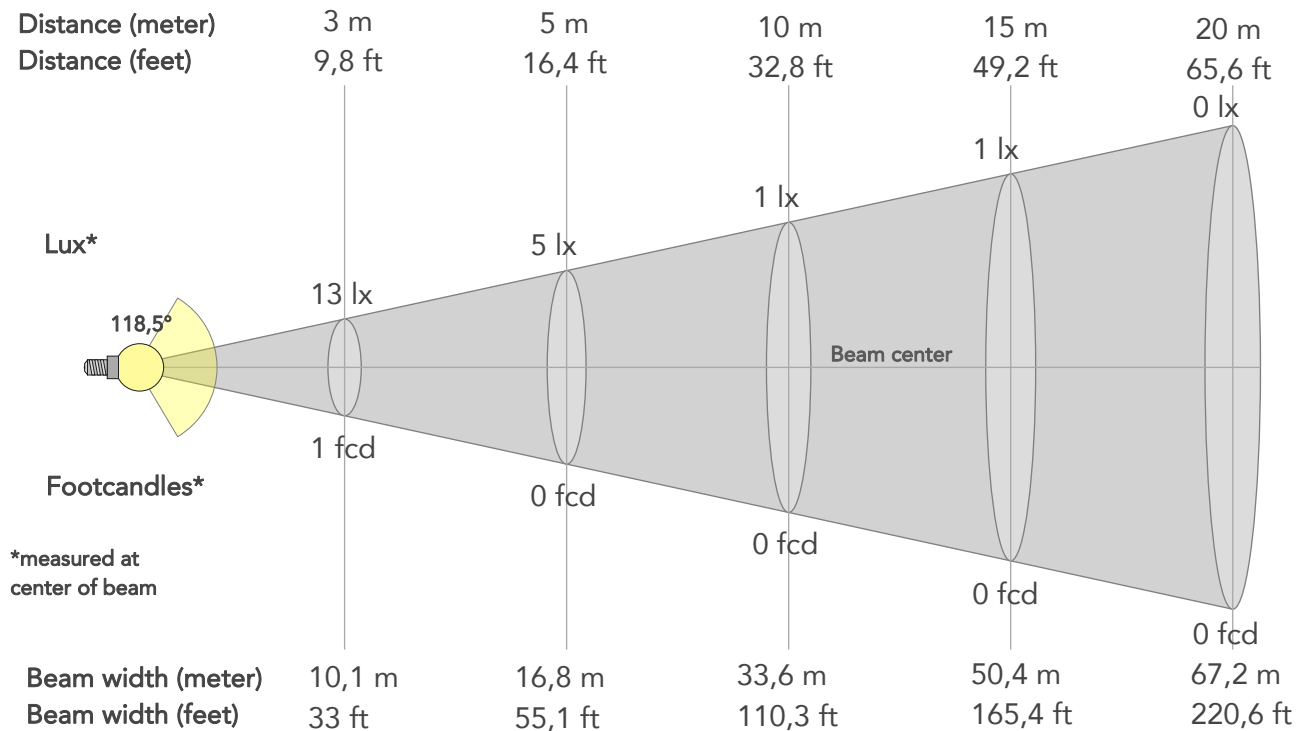
Spectra



BEAM DETAILS



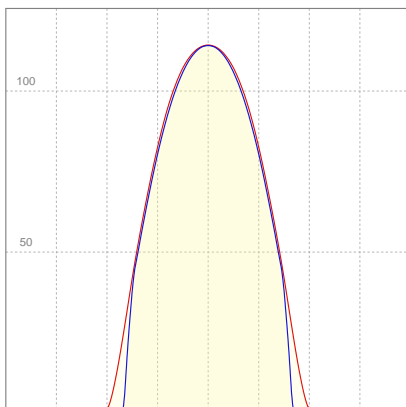
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
118,5°	155,3°	162,9°	79,4%	53,2%



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	114lx	29lx	13lx	7lx	5lx	2lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx
Footcand.	11fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,4m	6,7m	10,1m	13,4m	16,8m	25,2m	33,6m	50,4m	67,2m	84,1m	100,9m	134,5m	168,1m
Beam wid.	11,1ft	22,2ft	33ft	44ft	55,1ft	82,7ft	110,3ft	165,4ft	220,6ft	275,7ft	330,8ft	441,1ft	551,4ft

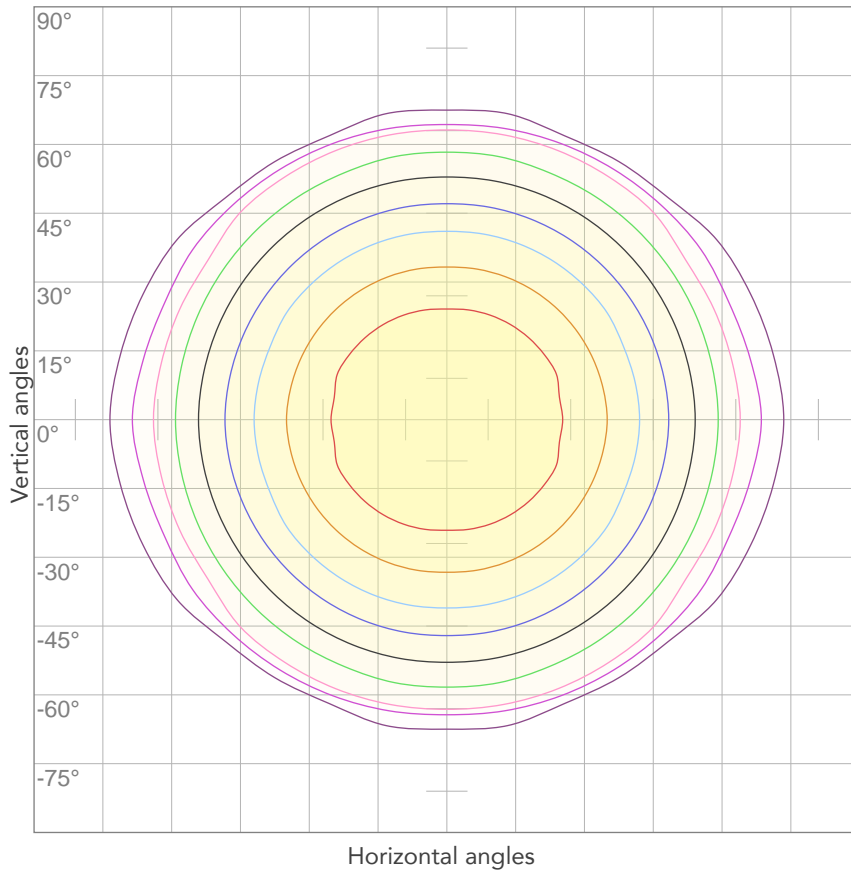
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,242A	29,4W	12lm/W
Power FC			
0,54			

ISO CANDELA DIAGRAM



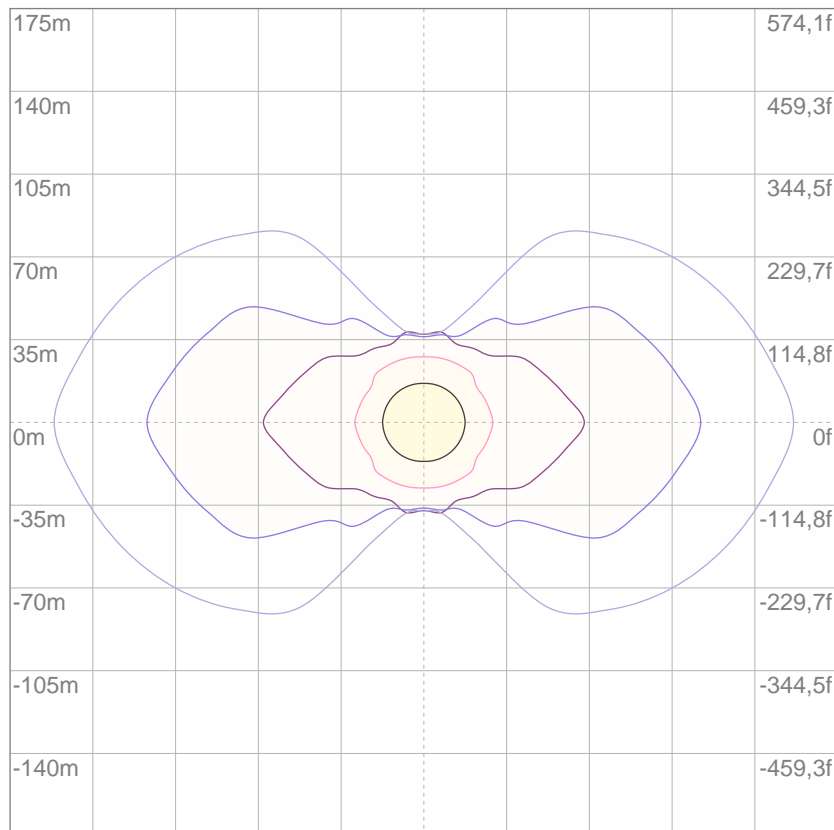
10%	11 cd
20%	23 cd
30%	34 cd
40%	46 cd
50%	57 cd
60%	68 cd
70%	80 cd
80%	91 cd

Conditions:

Number of c-planes: 4

Candela at center: 114 cd

ISO LUX DIAGRAM



3%	34,2m lx
5%	57,1m lx
10%	0,114 lx
30%	0,342 lx
50%	0,571 lx

Conditions:

Number of c-planes: 4

Lux at center: 1,14 lx

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

Total lumen output:

173 lm

Peak candela output:

44,6 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

Flat Diffuser

Target:

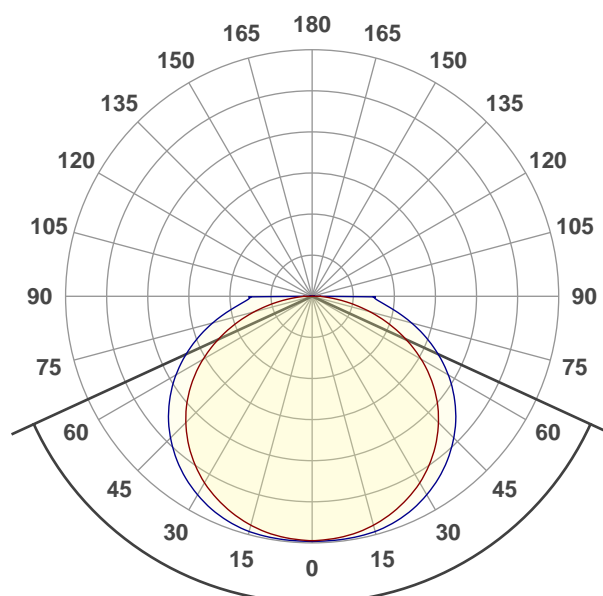
Full On

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:46:34

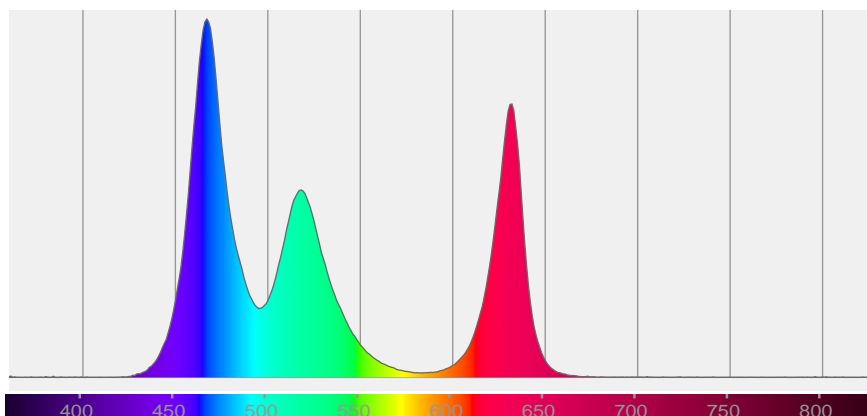


Beam angle 50%: 130,7°

Field angle 10%: 191,7°

Cut off angle 2.5%: 251,4°

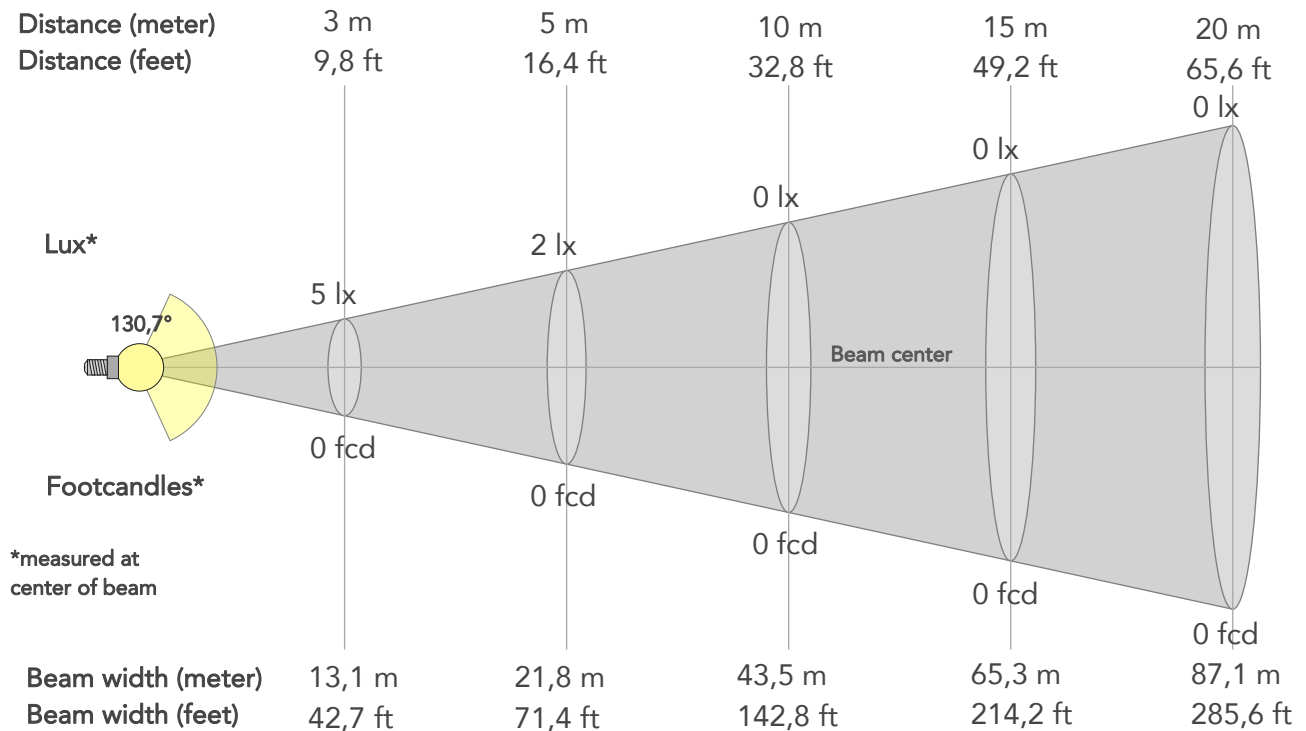
Spectra



BEAM DETAILS



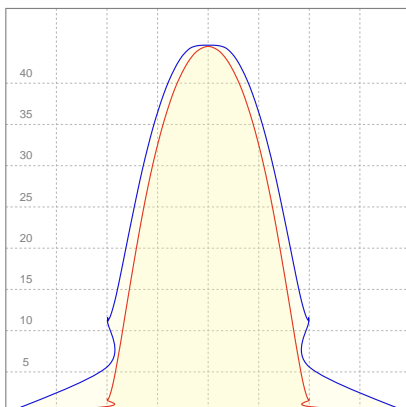
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
130,7°	191,7°	251,4°	65,0%	42,3%



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	45lx	11lx	5lx	3lx	2lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	4fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	4,4m	8,7m	13,1m	17,4m	21,8m	32,7m	43,5m	65,3m	87,1m	108,8m	130,6m	174,1m	217,7m
Beam wid.	14,4ft	28,7ft	42,7ft	57ft	71,4ft	107,1ft	142,8ft	214,2ft	285,6ft	357ft	428,4ft	571,2ft	714ft

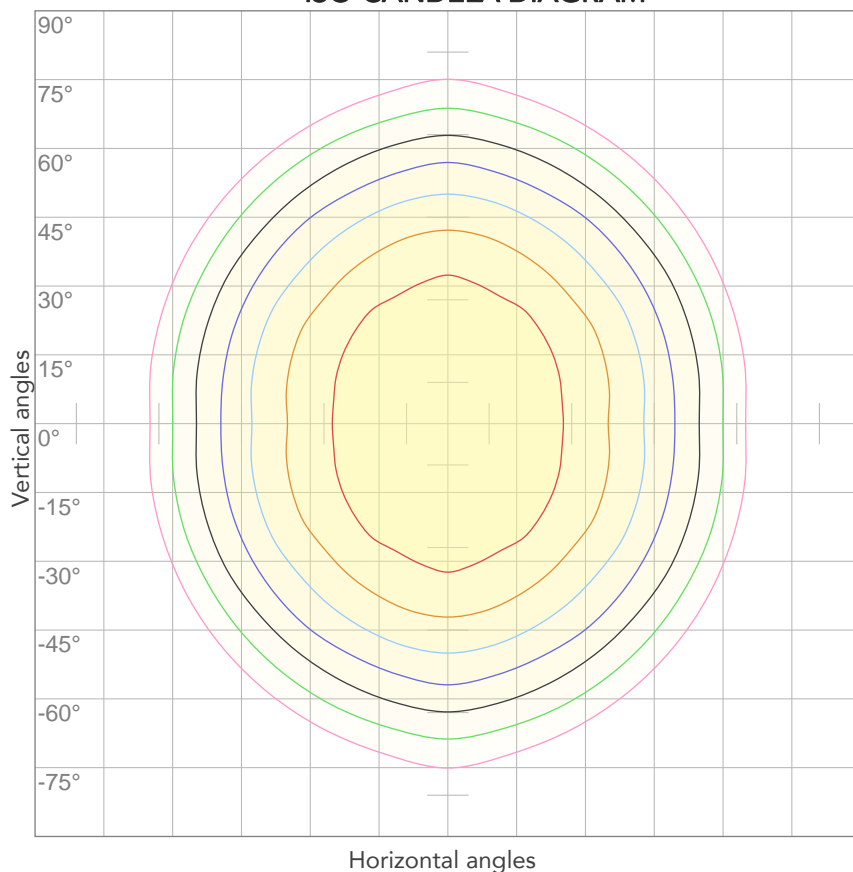
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,239A	28,8W	6lm/W
Power FC			
0,53			

ISO CANDELA DIAGRAM



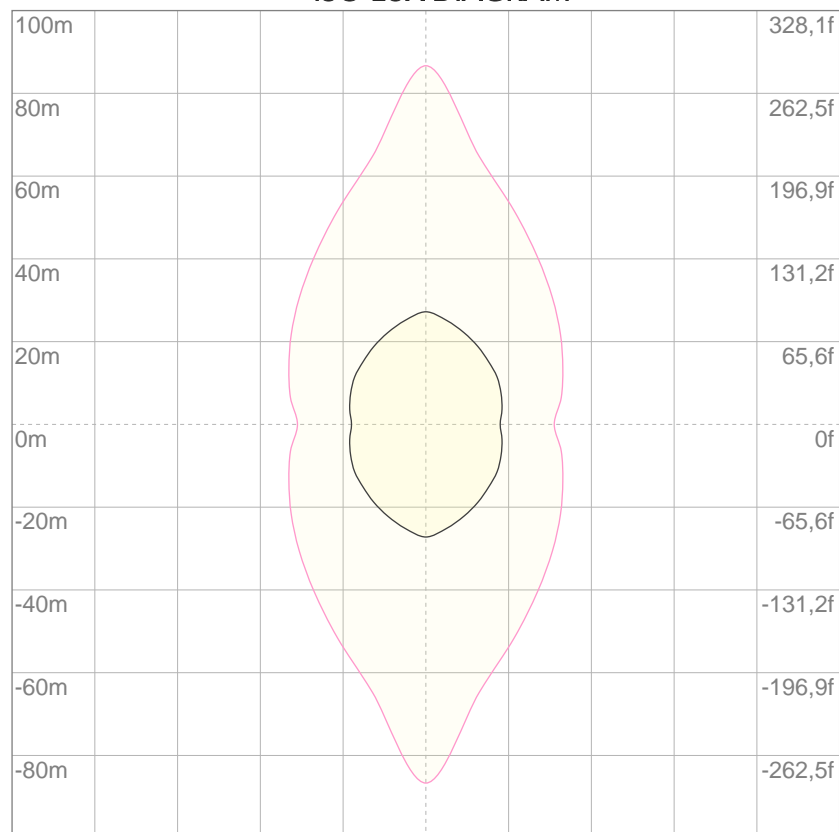
10%	4 cd
20%	9 cd
30%	13 cd
40%	18 cd
50%	22 cd
60%	27 cd
70%	31 cd
80%	36 cd

Conditions:

Number of c-planes: 4

Candela at center: 45 cd

ISO LUX DIAGRAM



3%	13,4m lx
5%	22,3m lx
10%	44,5m lx
30%	0,134 lx
50%	0,223 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,445 lx

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

Total lumen output:

220 lm

Peak candela output:

35,5 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

Dome Diffuser

Target:

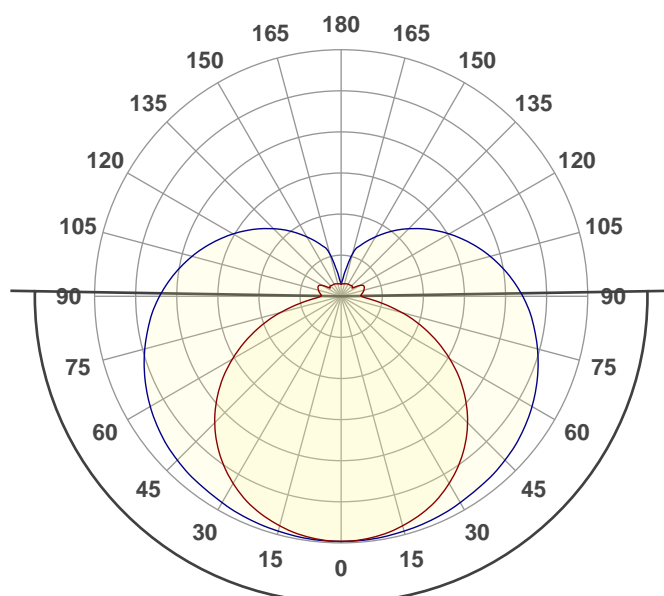
Full On

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:52:28

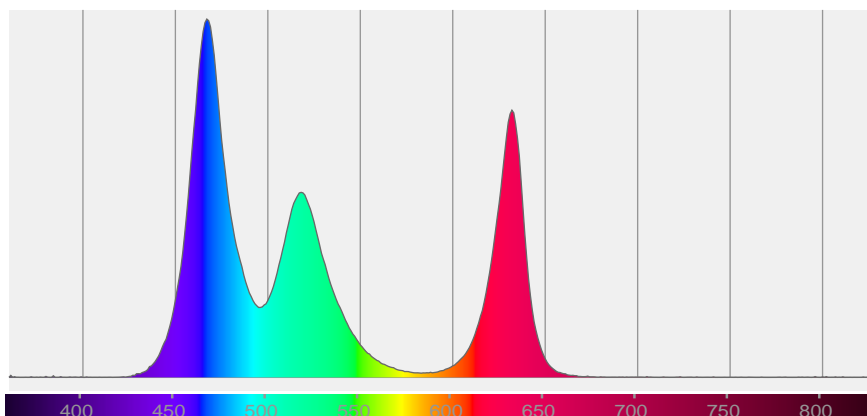


Beam angle 50%: 181,9°

Field angle 10%: 286,6°

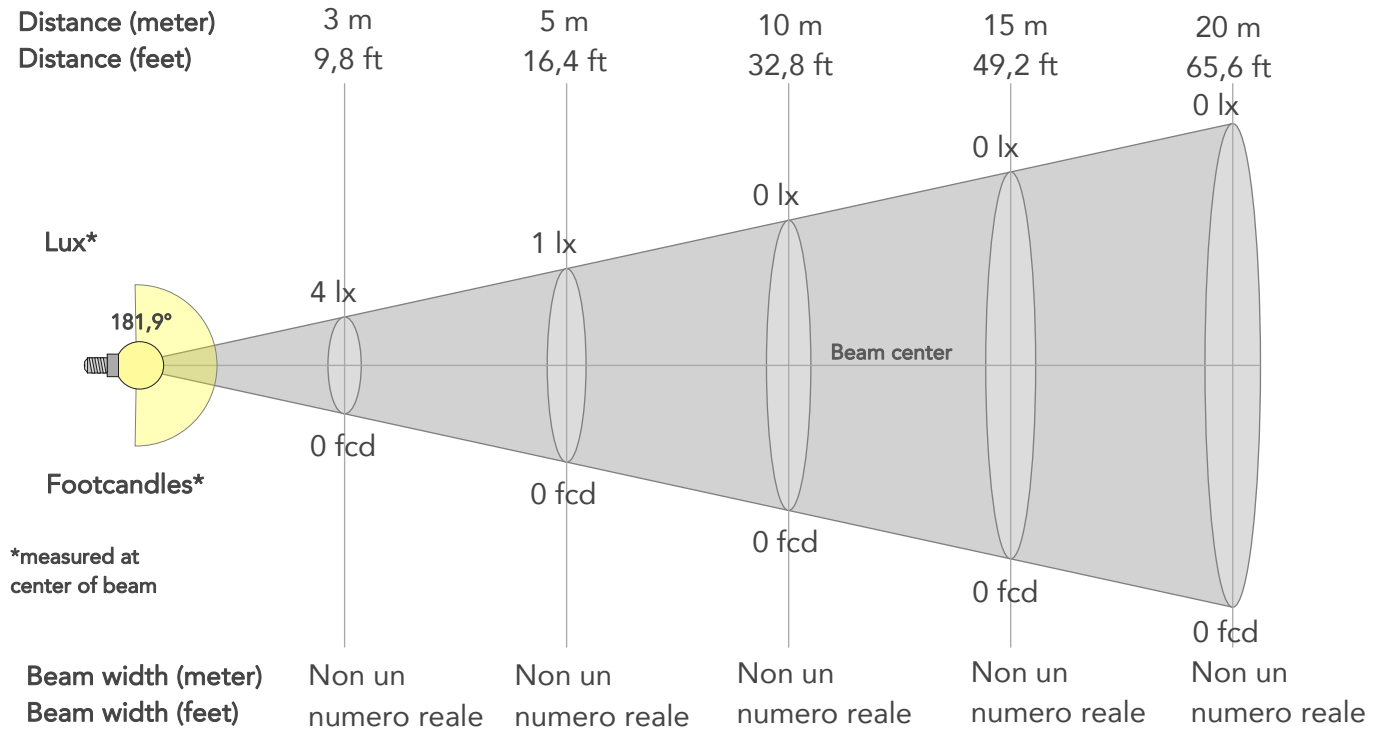
Cut off angle 2.5%: 360°

Spectra



BEAM DETAILS

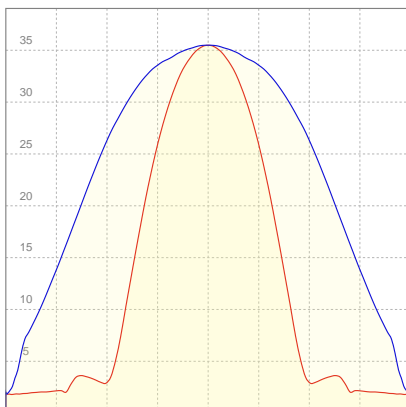
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
181,9°	286,6°	360°	43,6%	27,4%



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	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

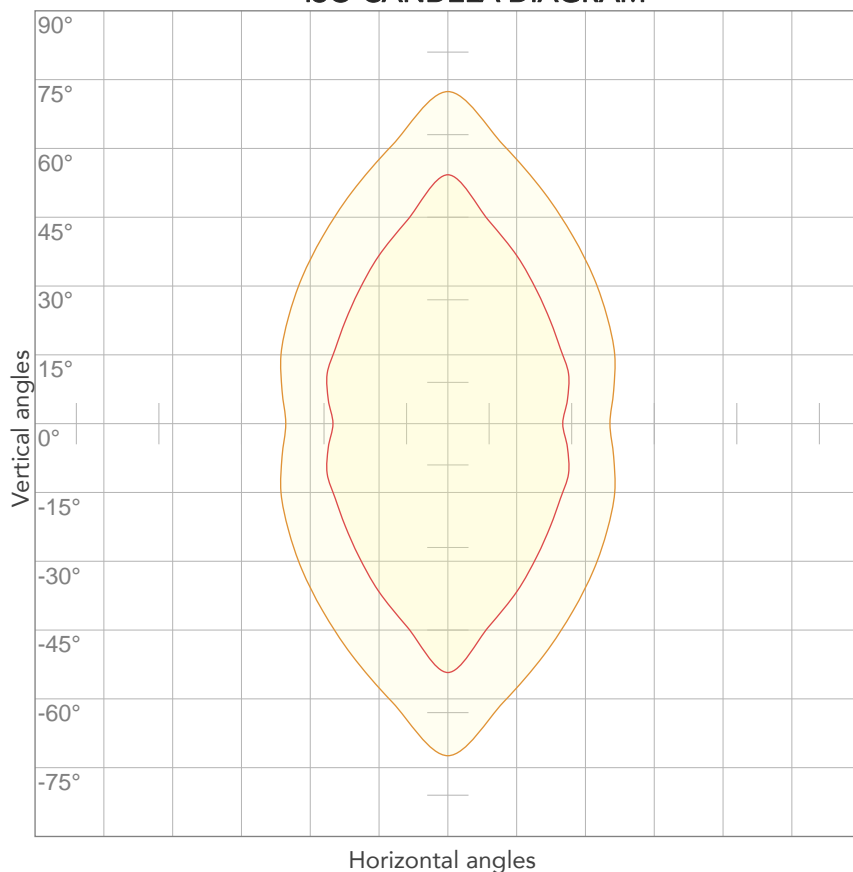
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,239A	28,7W	8lm/W
Power FC			
0,53			

ISO CANDELA DIAGRAM



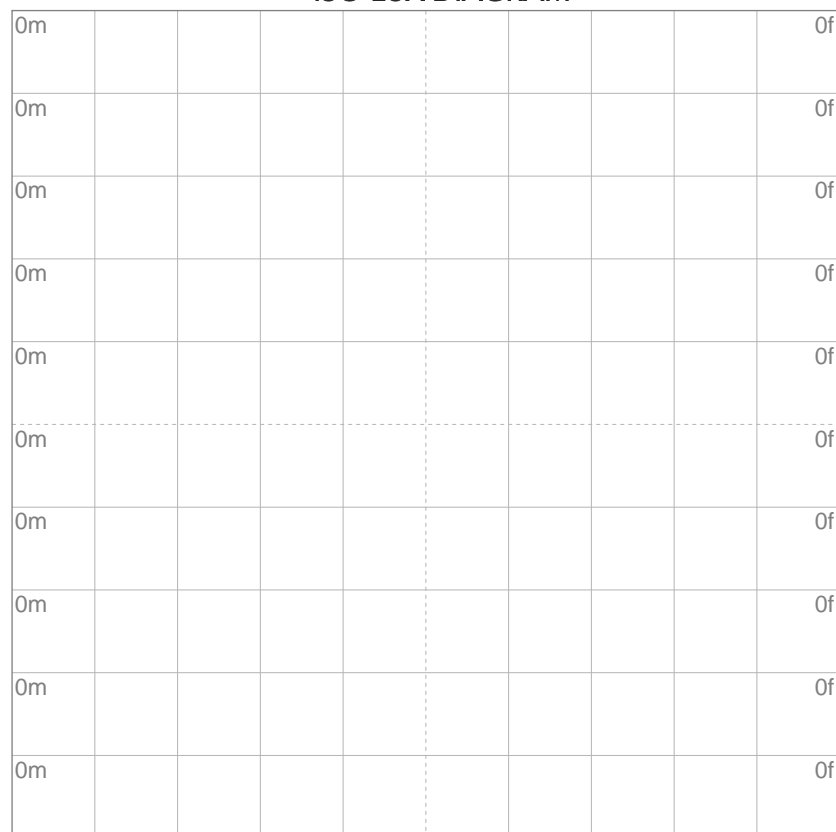
10%	4 cd
20%	7 cd
30%	11 cd
40%	14 cd
50%	18 cd
60%	21 cd
70%	25 cd
80%	28 cd

Conditions:

Number of c-planes: 4

Candela at center: 35 cd

ISO LUX DIAGRAM



3%	10,6m lx
5%	17,7m lx
10%	35,5m lx
30%	0,106 lx
50%	0,177 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,355 lx

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

Total lumen output:

44,6 lm

Peak candela output:

21,4 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

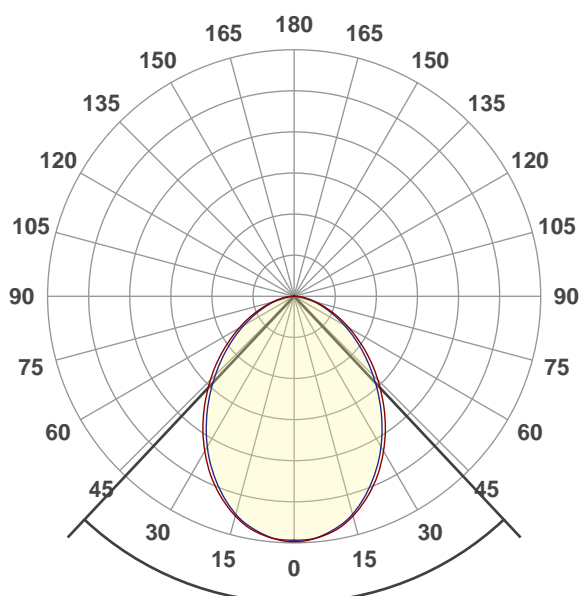
MEASURAMENT CONDITIONS:

Beam angle:
Black Diffuser

Target:
Full On

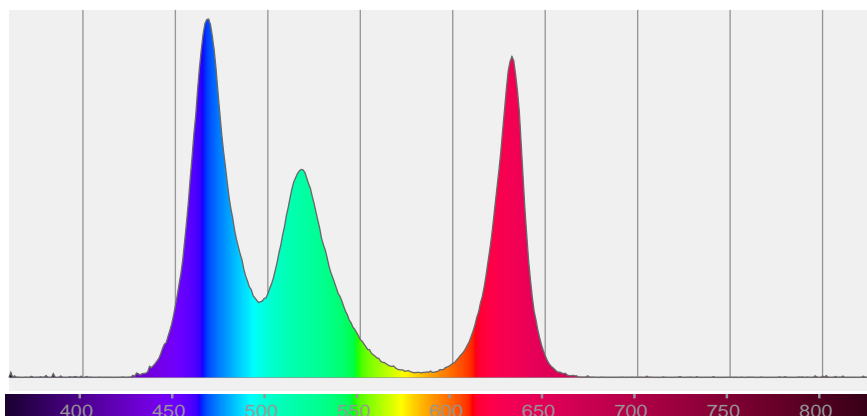
Operator:
Paolo Carvone

Date and time:
08/05/2020 16:10:44



Beam angle 50%: 86,4°
Field angle 10%: 147,3°
Cut off angle 2.5%: 169,1°

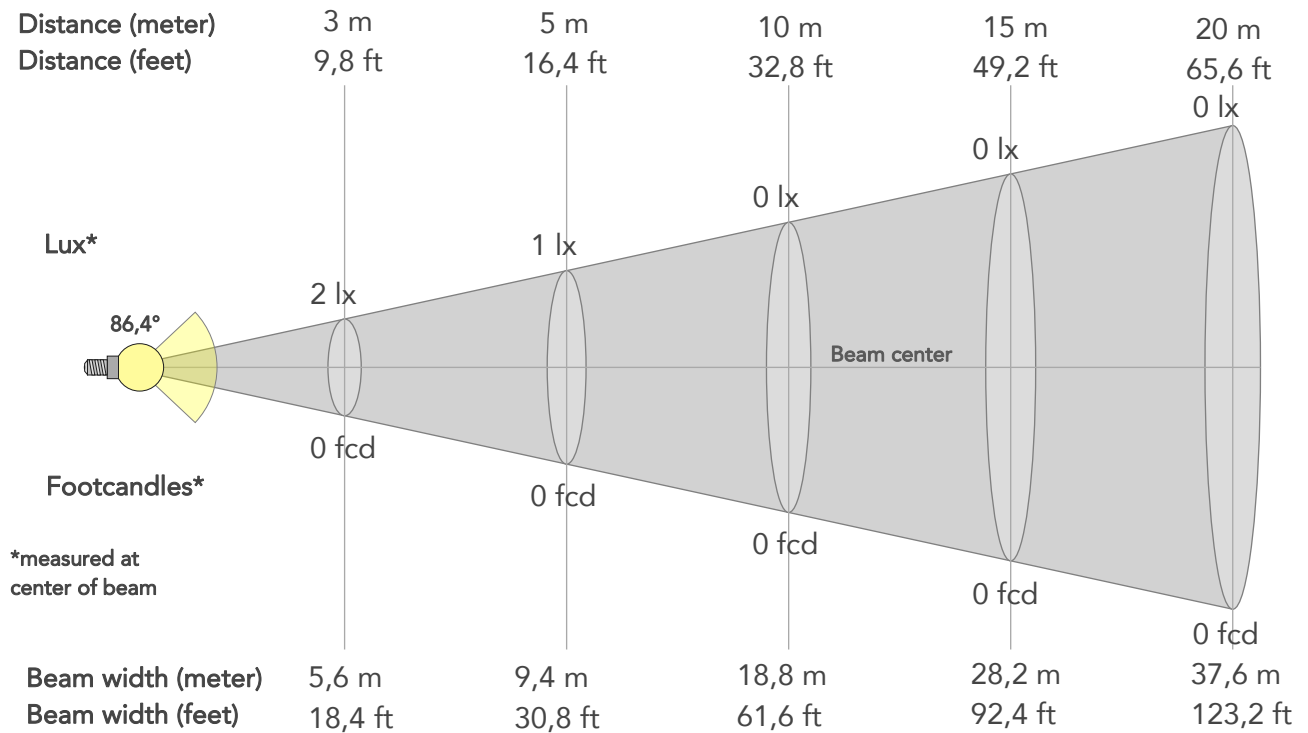
Spectra



BEAM DETAILS



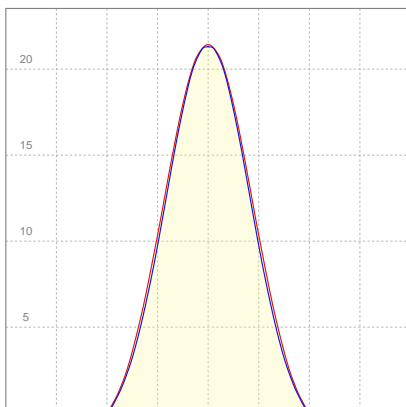
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
86,4°	147,3°	169,1°	84,5%	62,6%



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	21lx	5lx	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.	1,9m	3,8m	5,6m	7,5m	9,4m	14,1m	18,8m	28,2m	37,6m	46,9m	56,3m	75,1m	93,9m
Beam wid.	6,2ft	12,4ft	18,4ft	24,6ft	30,8ft	46,2ft	61,6ft	92,4ft	123,2ft	154ft	184,8ft	246,4ft	308ft

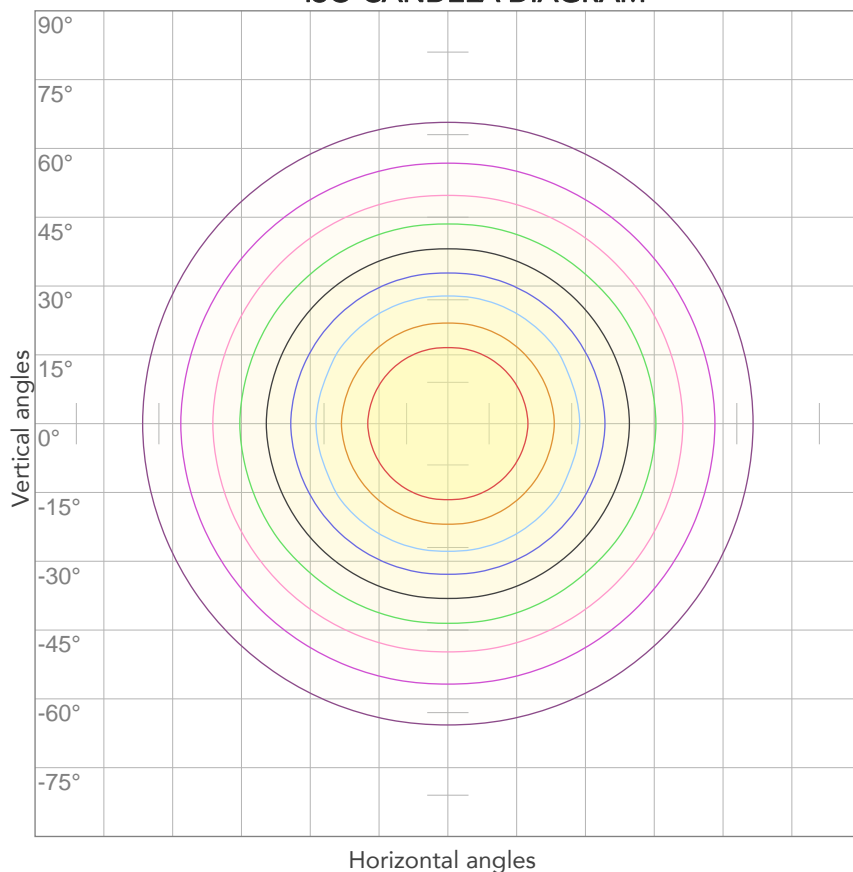
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,237A	28,6W	2lm/W
Power FC			
0,53			

ISO CANDELA DIAGRAM



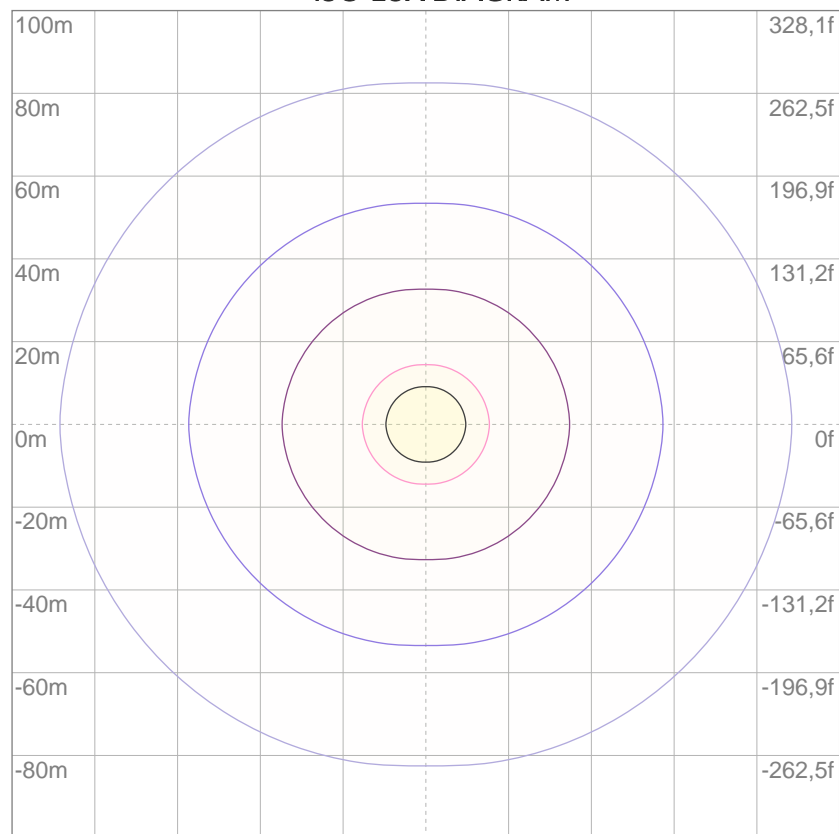
10%	2 cd
20%	4 cd
30%	6 cd
40%	9 cd
50%	11 cd
60%	13 cd
70%	15 cd
80%	17 cd

Conditions:

Number of c-planes: 4

Candela at center: 21 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	6,40m lx
5%	10,7m lx
10%	21,3m lx
30%	64,0m lx
50%	0,107 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,213 lx

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

Total lumen output:

76,7 lm

Peak candela output:

26,1 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

No Diffuser

Target:

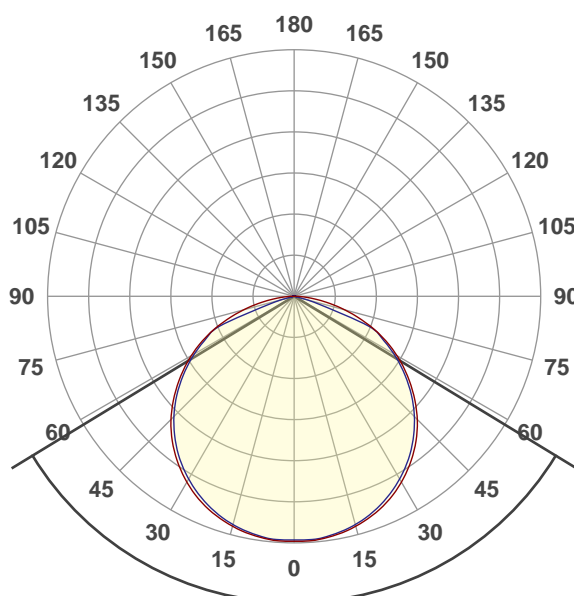
Red

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:31:14

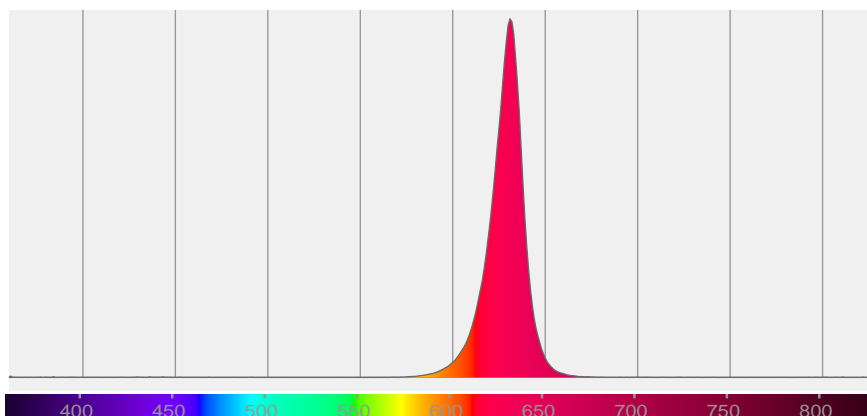


Beam angle 50%: 117,3°

Field angle 10%: 154,2°

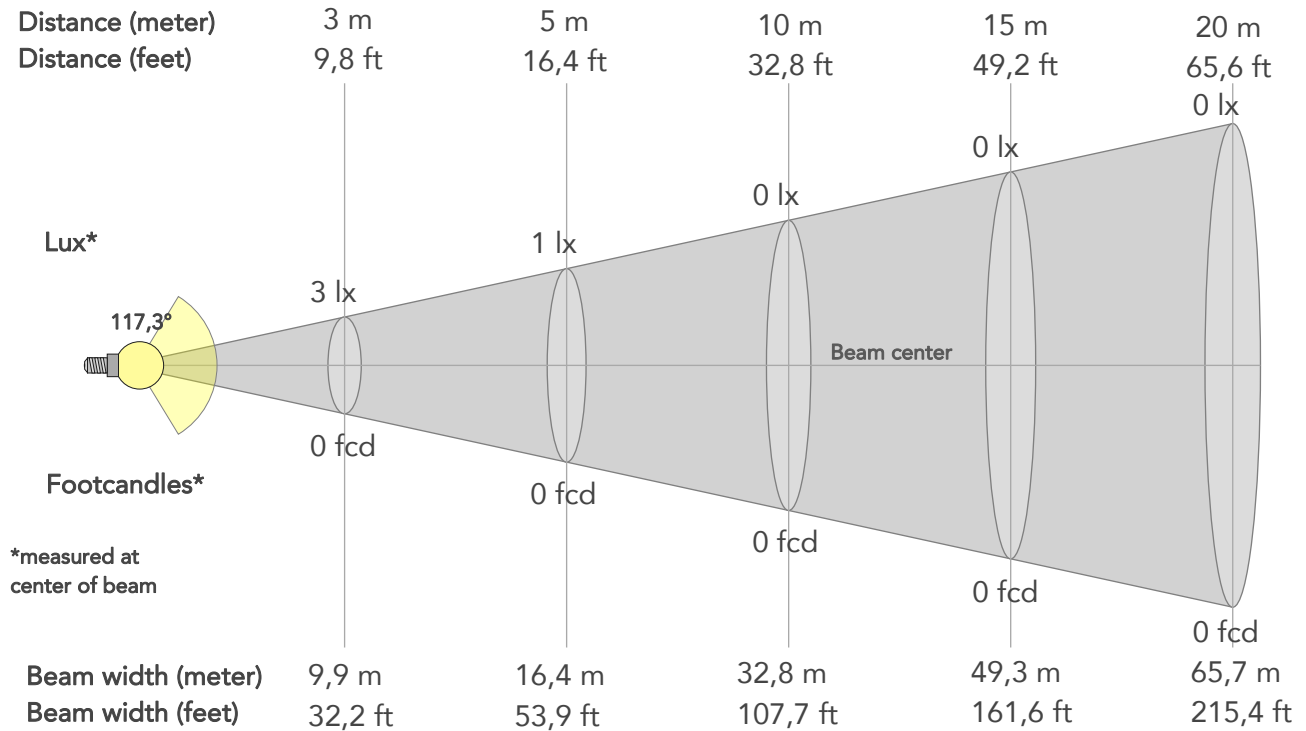
Cut off angle 2.5%: 163,7°

Spectra



BEAM DETAILS

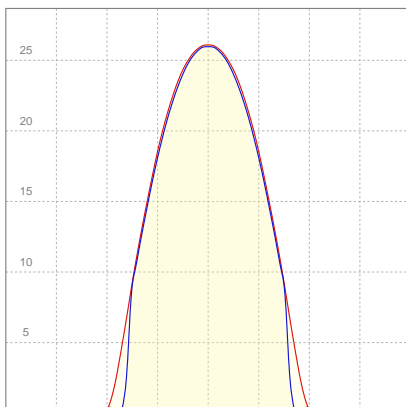
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
117,3°	154,2°	163,7°	79,5%	53,4%



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	26lx	7lx	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.	3,3m	6,6m	9,9m	13,1m	16,4m	24,6m	32,8m	49,3m	65,7m	82,1m	98,5m	131,3m	164,2m
Beam wid.	10,8ft	21,7ft	32,2ft	43ft	53,9ft	80,8ft	107,7ft	161,6ft	215,4ft	269,3ft	323,1ft	430,8ft	538,5ft

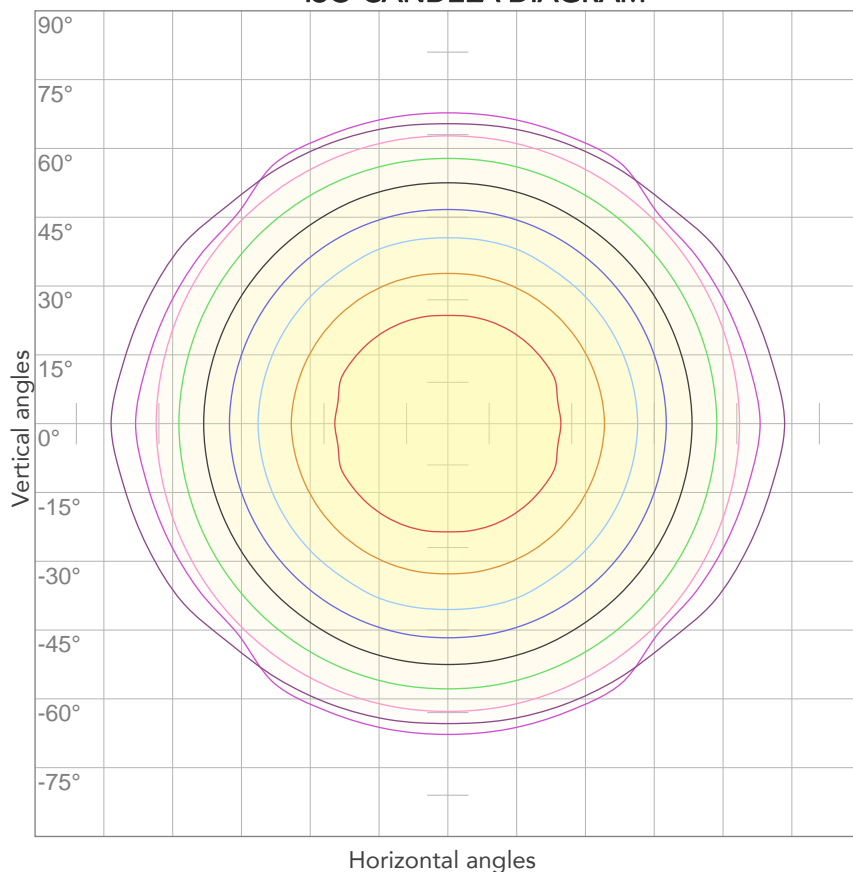
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,204A	20,6W	4lm/W
Power FC			
0,45			

ISO CANDELA DIAGRAM



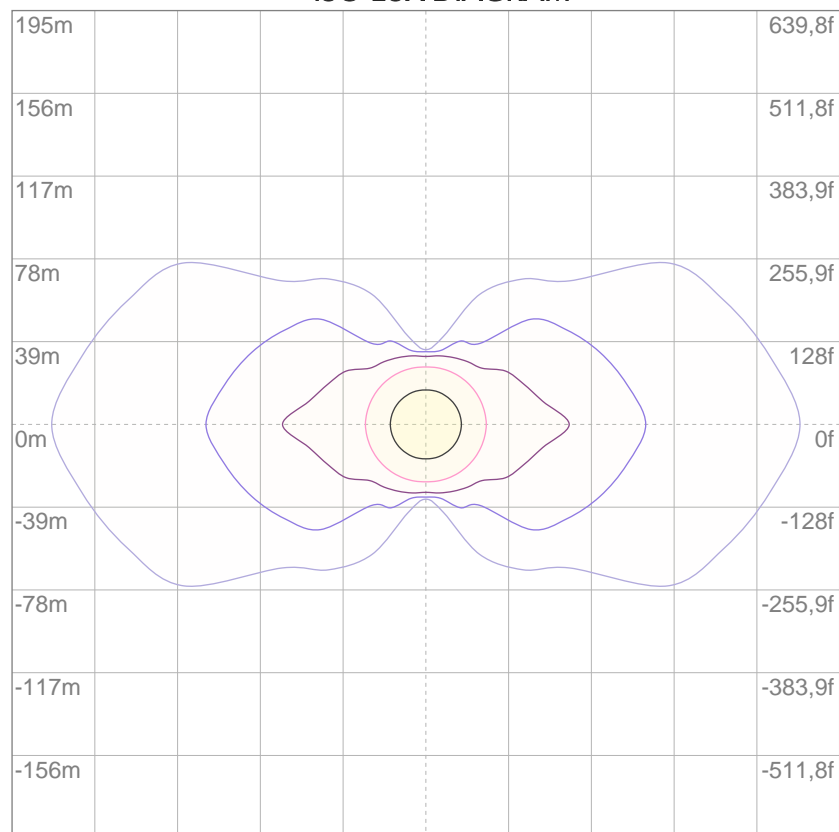
10%	3 cd
20%	5 cd
30%	8 cd
40%	10 cd
50%	13 cd
60%	16 cd
70%	18 cd
80%	21 cd

Conditions:

Number of c-planes: 4

Candela at center: 26 cd

ISO LUX DIAGRAM



3%	7,80m lx
5%	13,0m lx
10%	26,0m lx
30%	78,0m lx
50%	0,130 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,260 lx

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

Total lumen output:

40,5 lm

Peak candela output:

10,4 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

Flat Diffuser

Target:

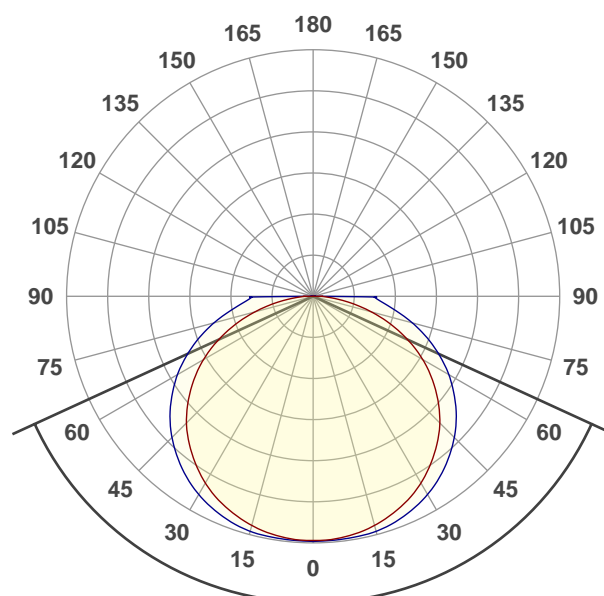
Red

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:42:55

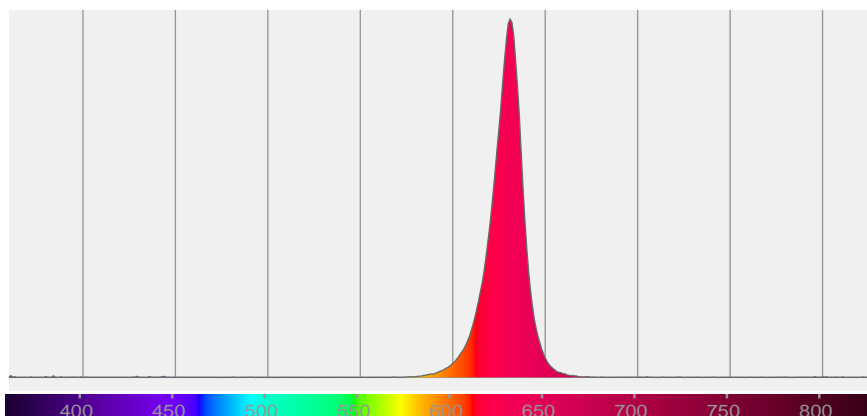


Beam angle 50%: 130,7°

Field angle 10%: 192,1°

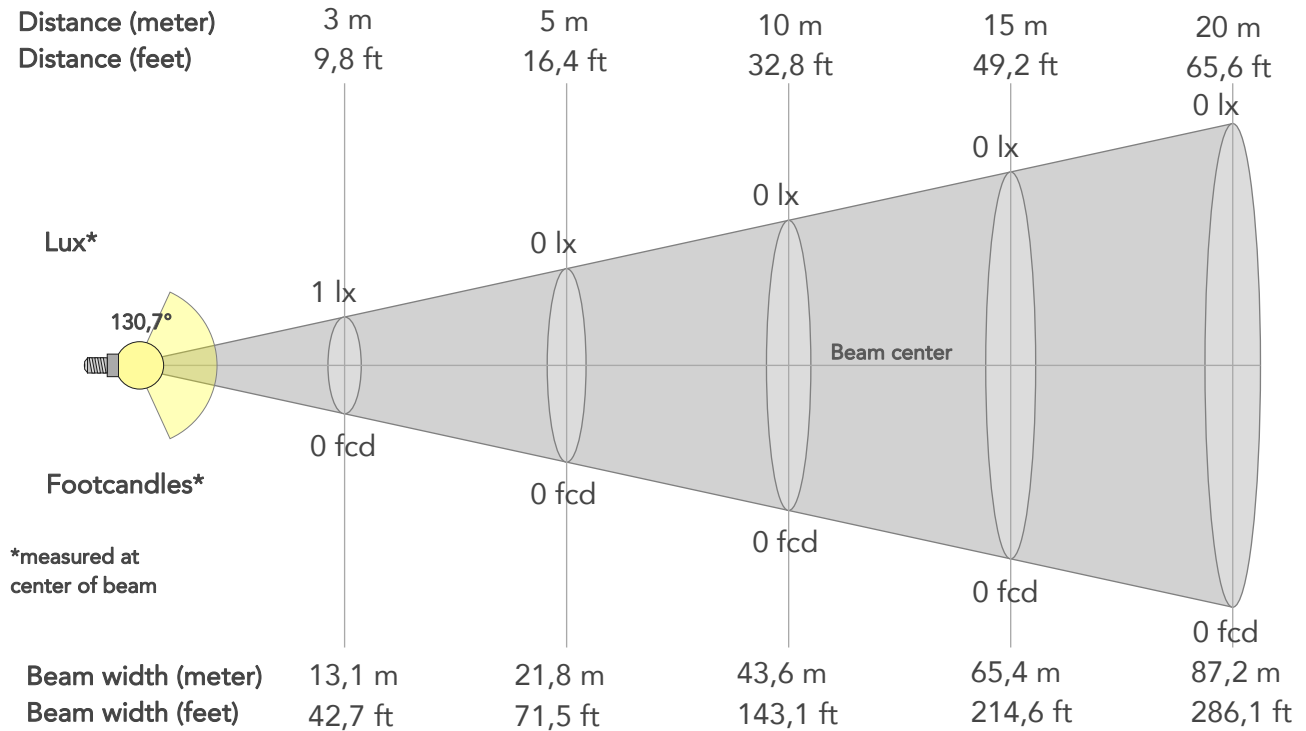
Cut off angle 2.5%: 251,3°

Spectra



BEAM DETAILS

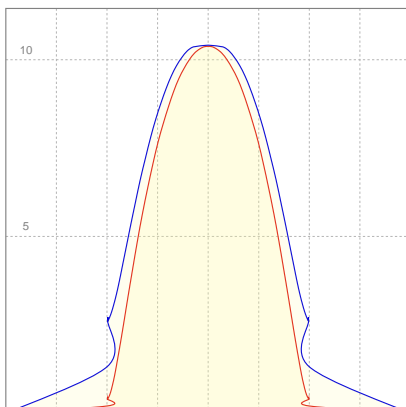
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
130,7°	192,1°	251,3°	64,9%	42,3%



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	10lx	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.	4,4m	8,7m	13,1m	17,4m	21,8m	32,7m	43,6m	65,4m	87,2m	109m	130,8m	174,5m	218,1m
Beam wid.	14,4ft	28,8ft	42,7ft	57,1ft	71,5ft	107,3ft	143,1ft	214,6ft	286,1ft	357,6ft	429,2ft	572,2ft	715,3ft

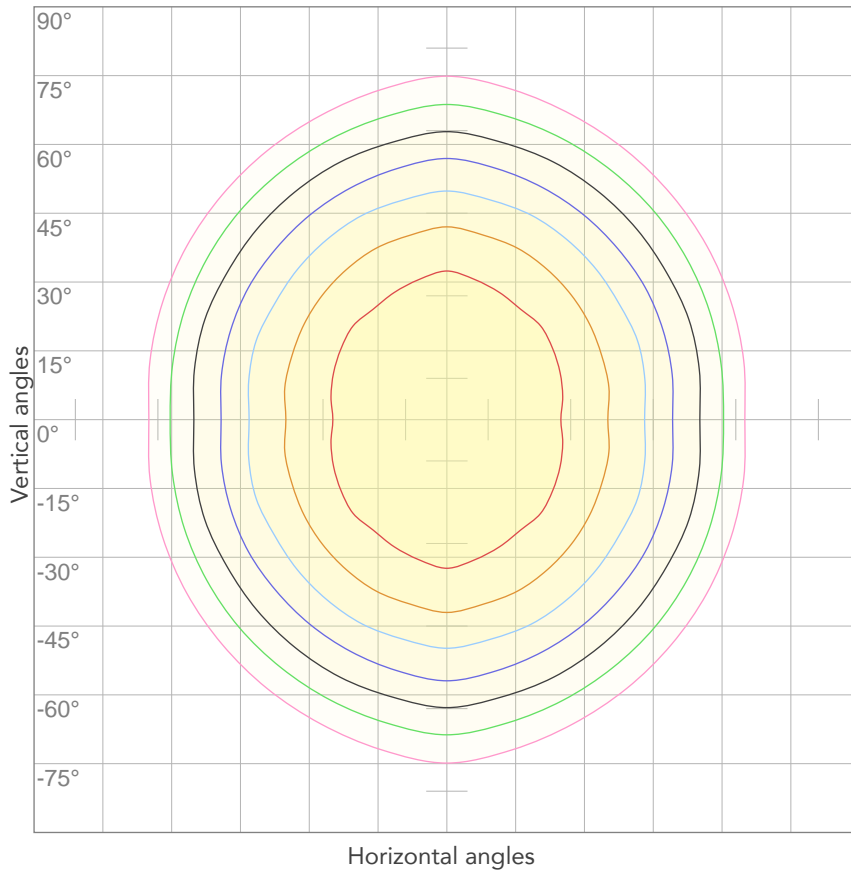
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,204A	20,4W	2lm/W
Power FC			
0,44			

ISO CANDELA DIAGRAM



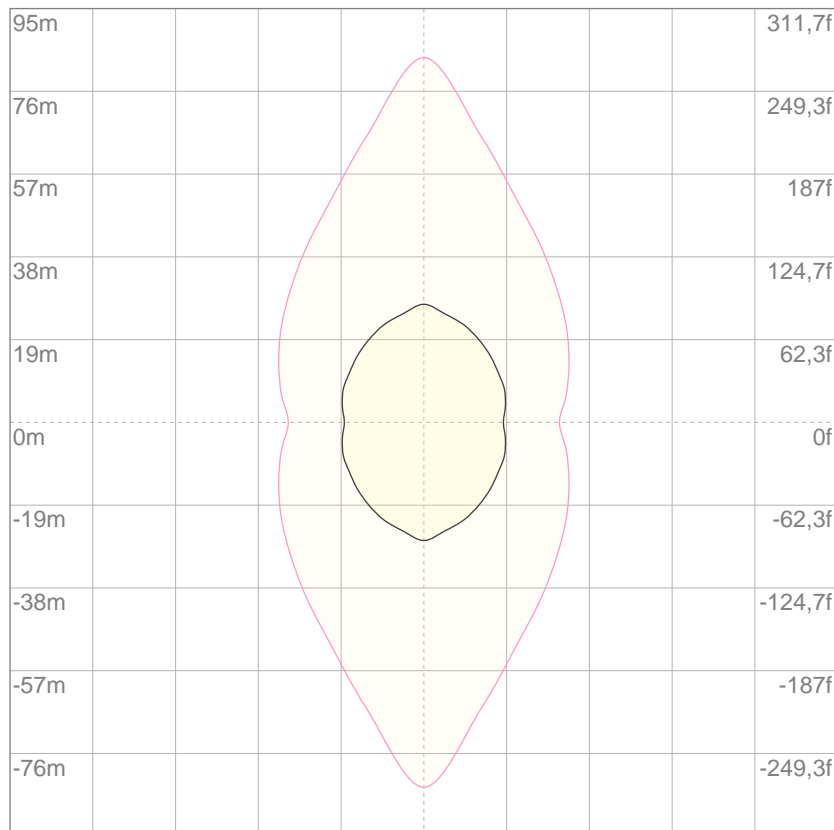
10%	1 cd
20%	2 cd
30%	3 cd
40%	4 cd
50%	5 cd
60%	6 cd
70%	7 cd
80%	8 cd

Conditions:

Number of c-planes: 4

Candela at center: 10 cd

ISO LUX DIAGRAM



3%	3,12m lx
5%	5,20m lx
10%	10,4m lx
30%	31,2m lx
50%	52,0m lx

Conditions:

Number of c-planes: 4

Lux at center: 0,104 lx

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

Total lumen output:

50,4 lm

Peak candela output:

8,19 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

Dome Diffuser

Target:

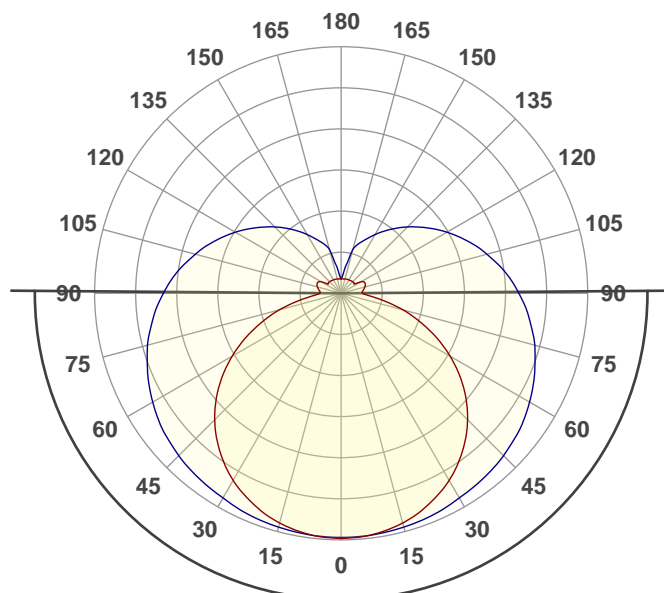
Red

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:54:35

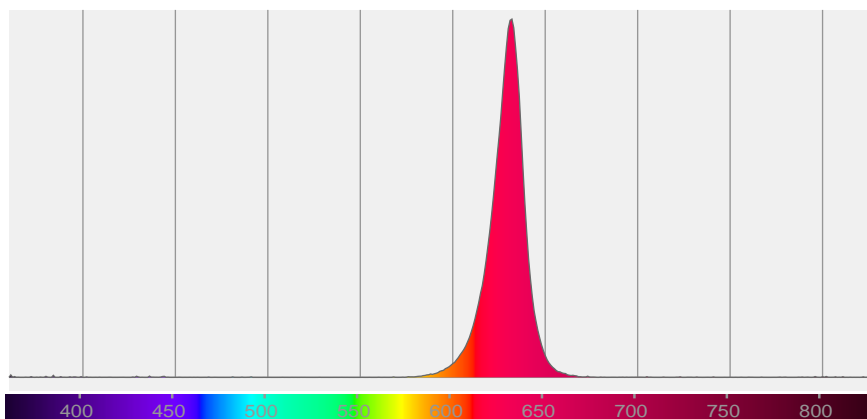


Beam angle 50%: 180,9°

Field angle 10%: 289,5°

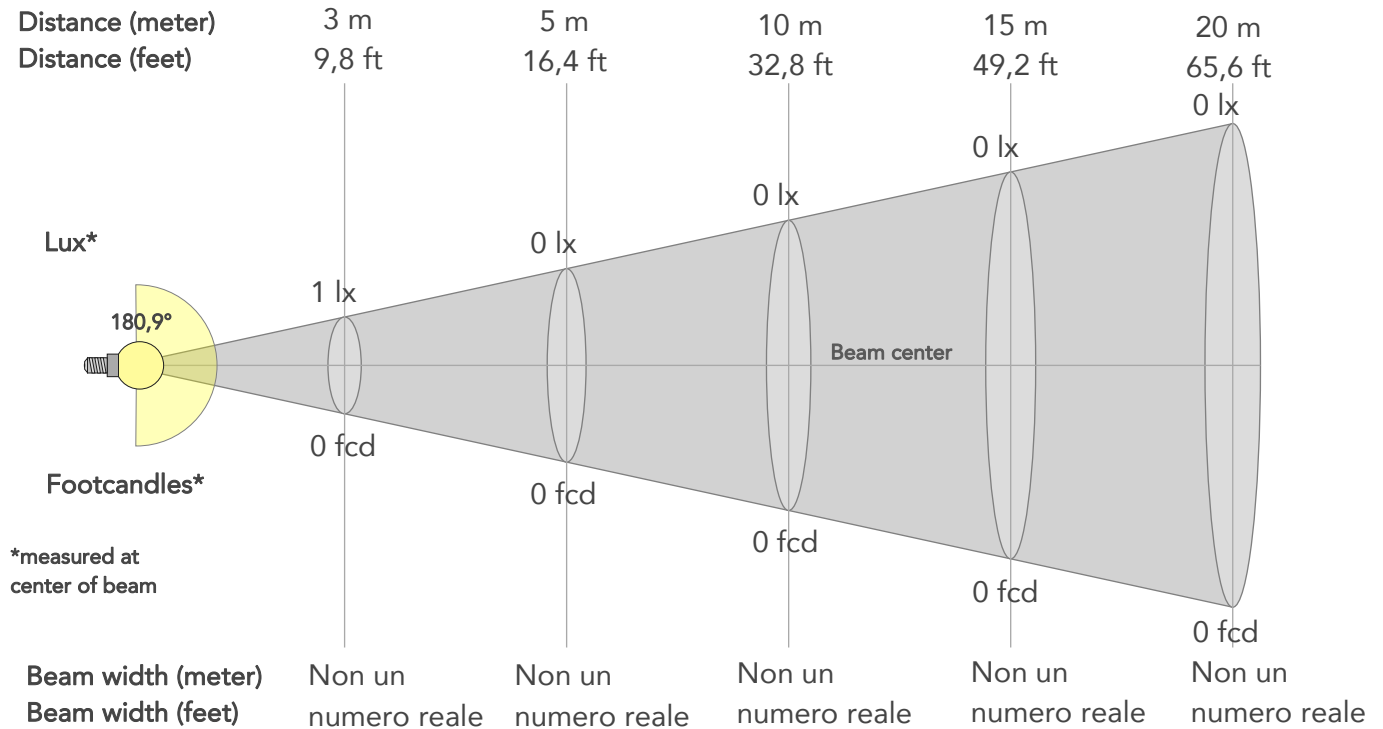
Cut off angle 2.5%: 360°

Spectra



BEAM DETAILS

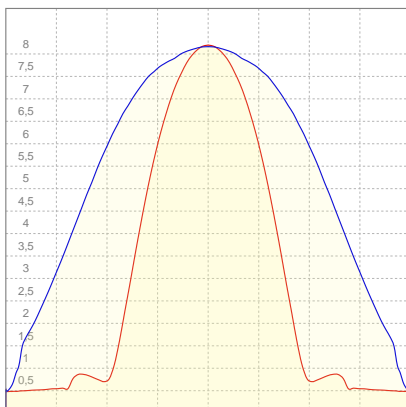
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
180,9°	289,5°	360°	43,7%	27,4%



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	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

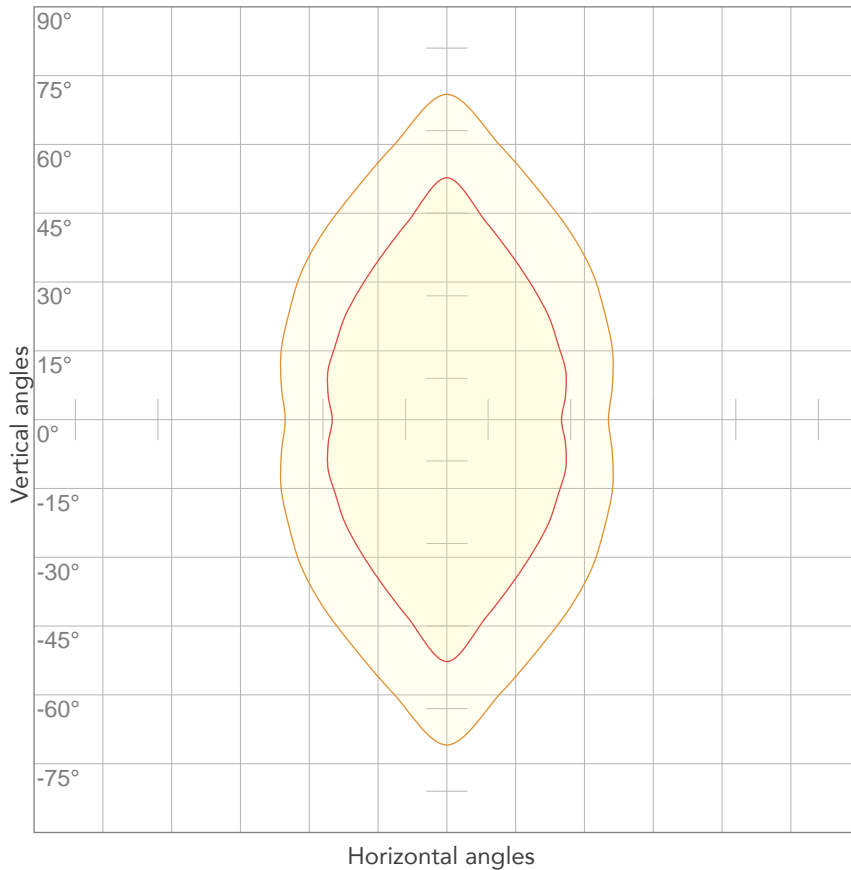
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,204A	20,3W	2lm/W
Power FC			
0,44			

ISO CANDELA DIAGRAM



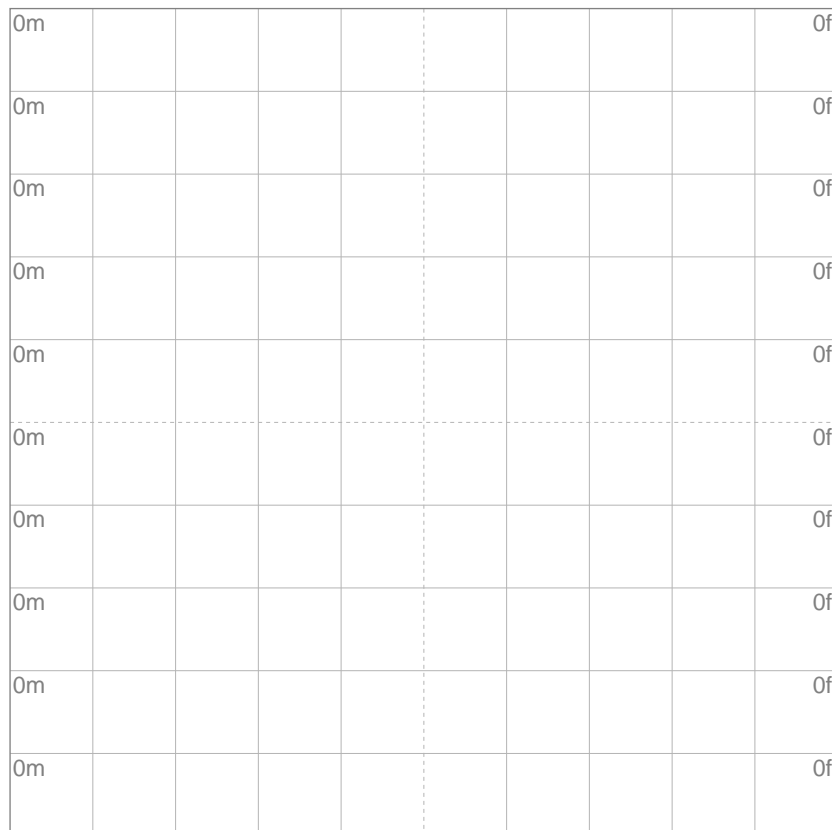
10%	1 cd
20%	2 cd
30%	2 cd
40%	3 cd
50%	4 cd
60%	5 cd
70%	6 cd
80%	7 cd

Conditions:

Number of c-planes: 4

Candela at center: 8 cd

ISO LUX DIAGRAM



3%	2,45m lx
5%	4,09m lx
10%	8,18m lx
30%	24,5m lx
50%	40,9m lx

Conditions:

Number of c-planes: 4

Lux at center: 81,8m lx

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

Total lumen output:

10,9 lm

Peak candela output:

5,27 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

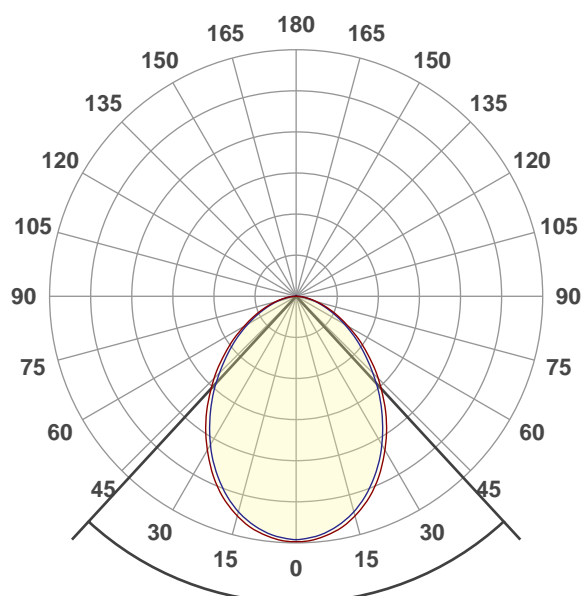
MEASURAMENT CONDITIONS:

Beam angle:
Black Diffuser

Target:
Red

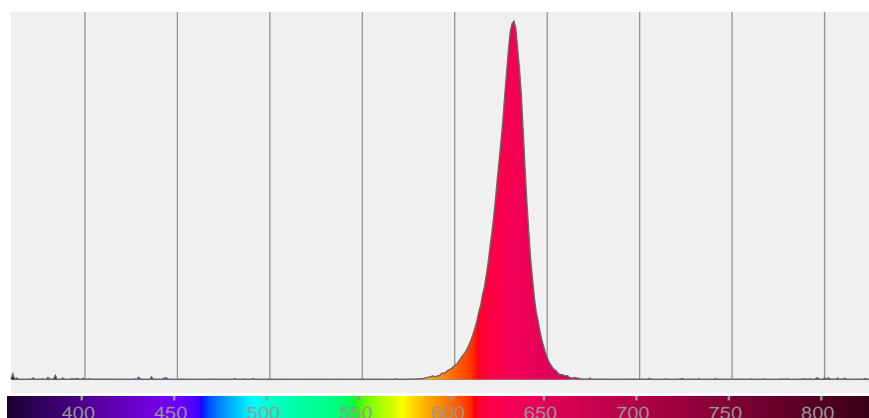
Operator:
Paolo Carvone

Date and time:
08/05/2020 16:12:21



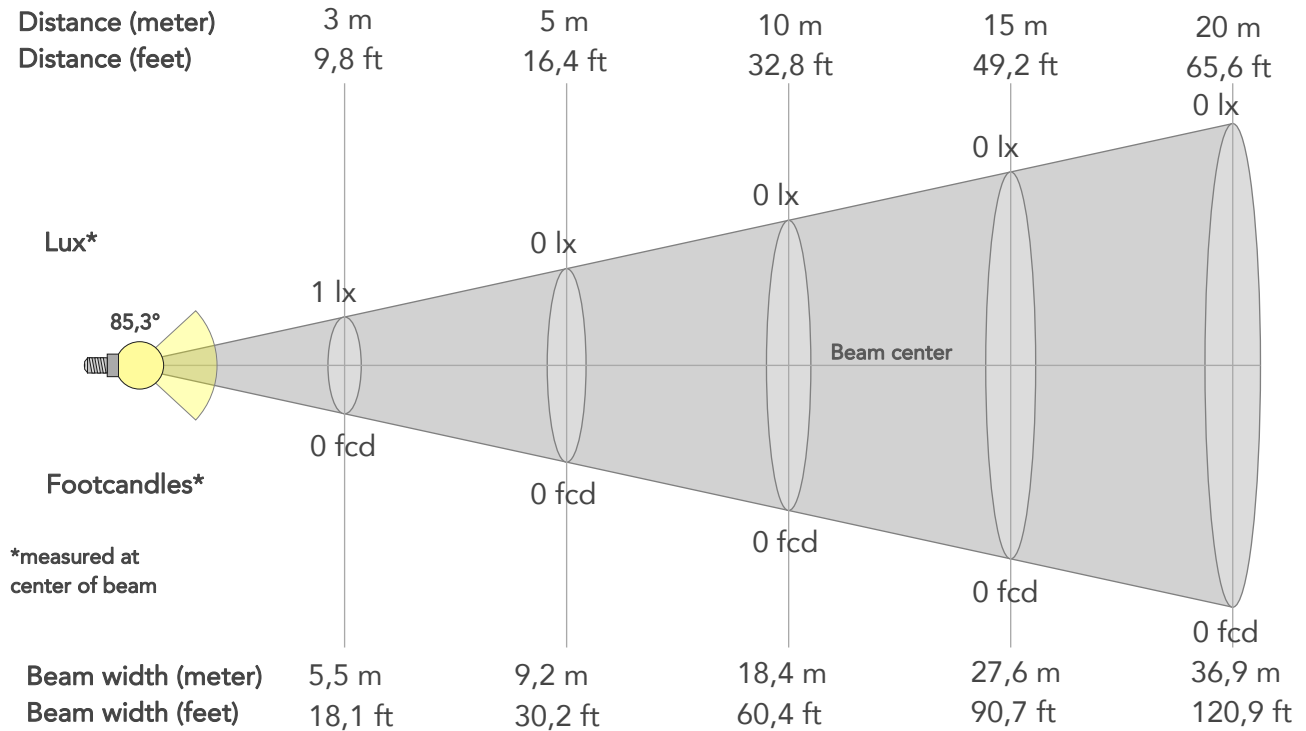
Beam angle 50%: 85,3°
Field angle 10%: 146,3°
Cut off angle 2.5%: 169,1°

Spectra



BEAM DETAILS

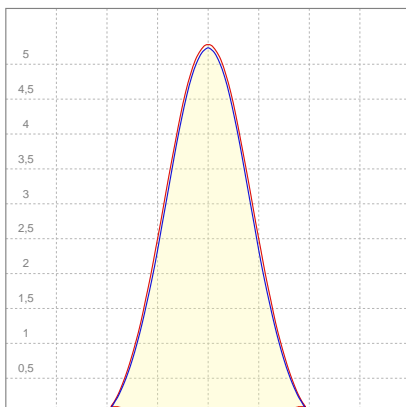
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
85,3°	146,3°	169,1°	83,9%	62,6%



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	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.	1,8m	3,7m	5,5m	7,4m	9,2m	13,8m	18,4m	27,6m	36,9m	46,1m	55,3m	73,7m	92,1m
Beam wid.	6,1ft	12,2ft	18,1ft	24,1ft	30,2ft	45,3ft	60,4ft	90,7ft	120,9ft	151,1ft	181,3ft	241,8ft	302,2ft

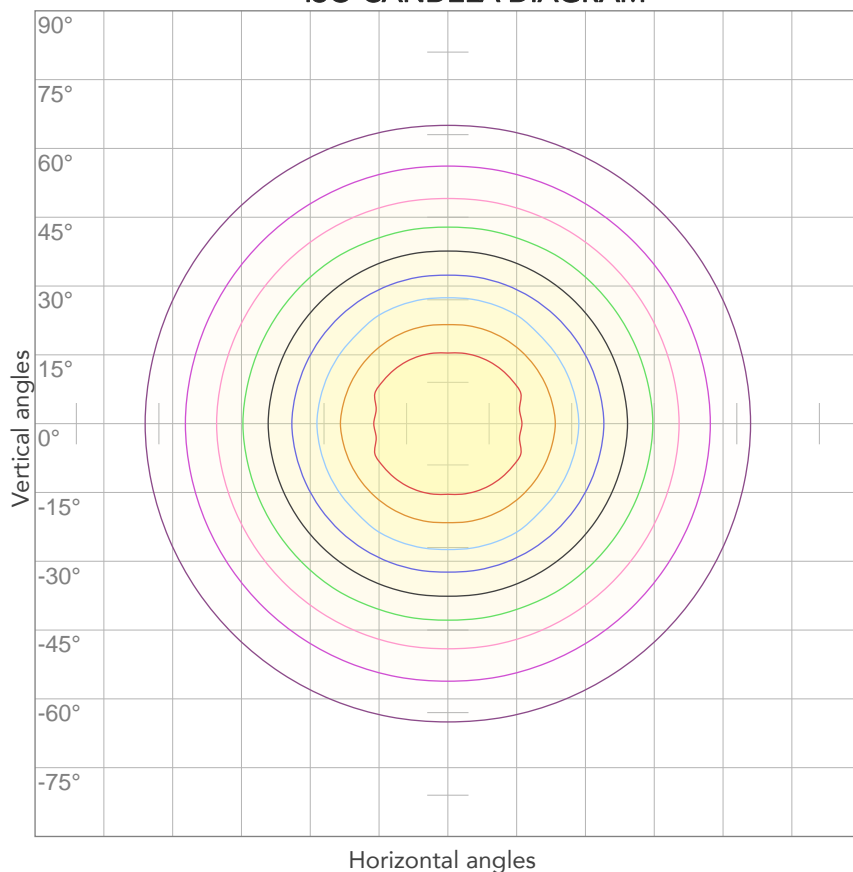
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,202A	20,2W	1lm/W
Power FC			
0,44			

ISO CANDELA DIAGRAM



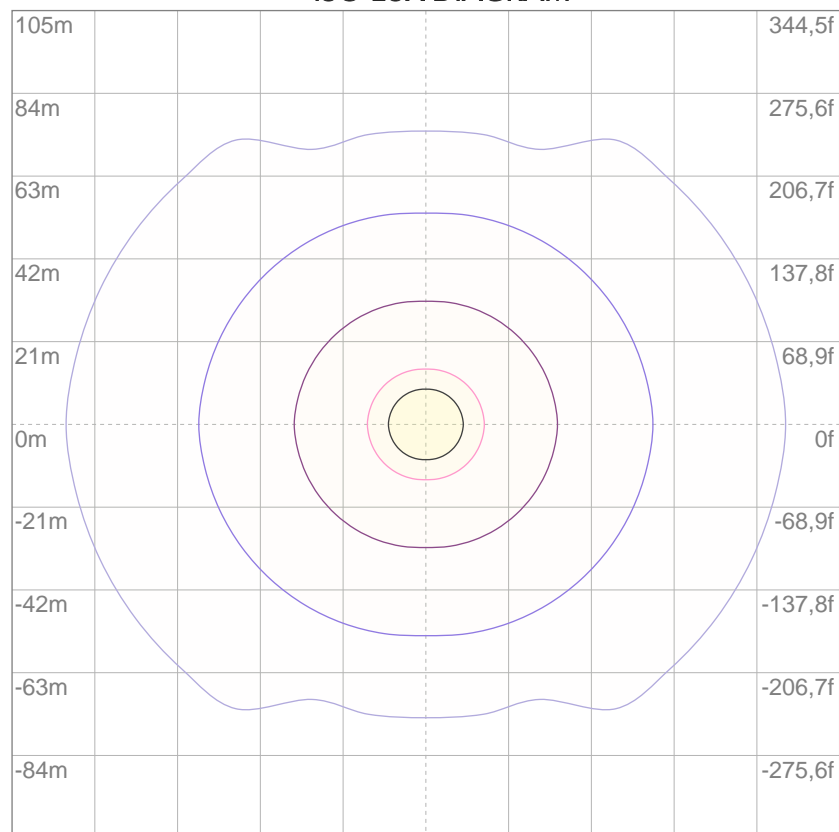
10%	1 cd
20%	1 cd
30%	2 cd
40%	2 cd
50%	3 cd
60%	3 cd
70%	4 cd
80%	4 cd

Conditions:

Number of c-planes: 4

Candela at center: 5 cd

ISO LUX DIAGRAM



3%	1,57m lx
5%	2,62m lx
10%	5,25m lx
30%	15,7m lx
50%	26,2m lx

Conditions:

Number of c-planes: 4

Lux at center: 52,5m lx

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

Total lumen output:

216 lm

Peak candela output:

72,5 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

No Diffuser

Target:

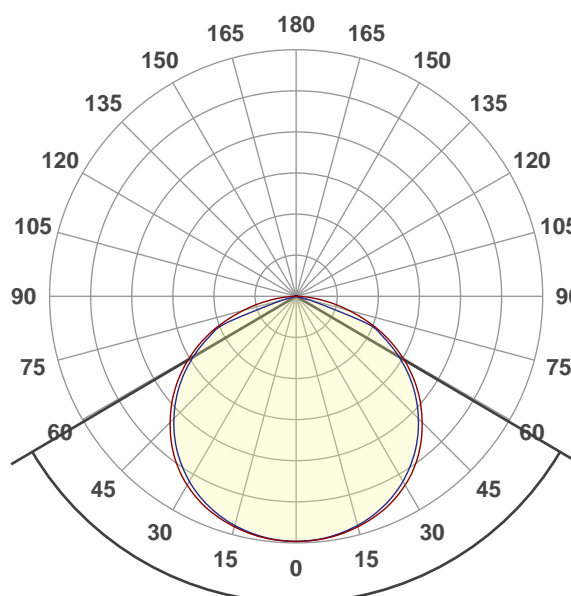
Green

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:34:42

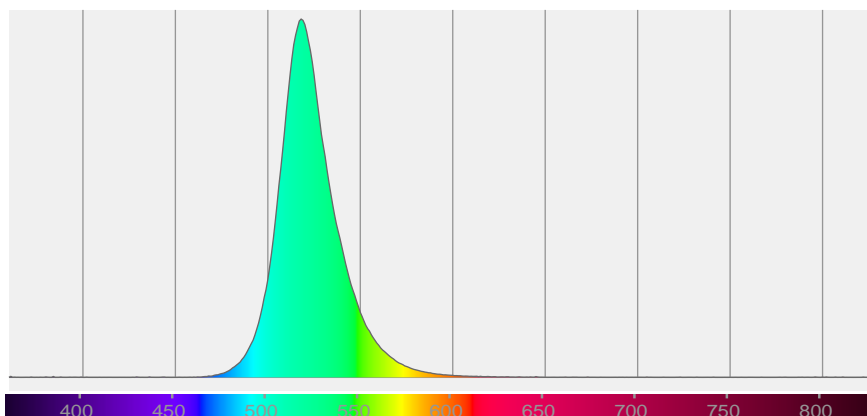


Beam angle 50%: 119°

Field angle 10%: 154,5°

Cut off angle 2.5%: 163°

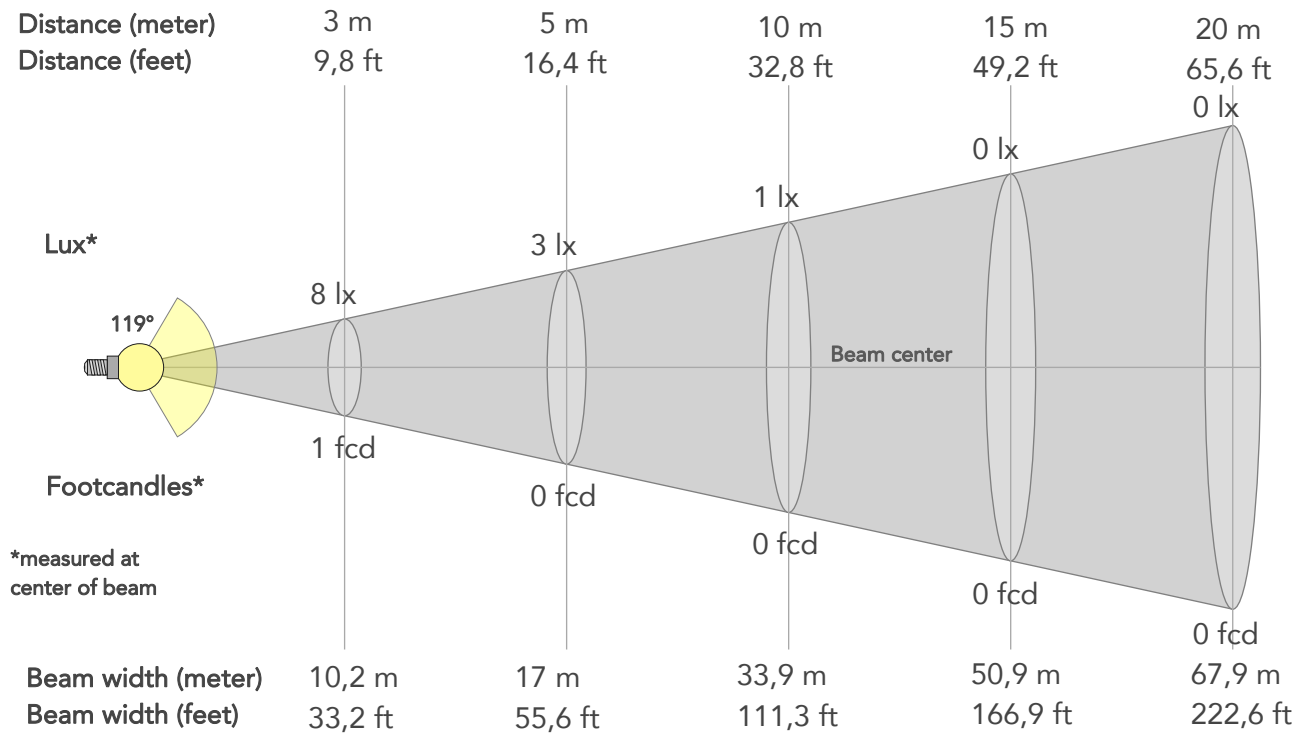
Spectra



BEAM DETAILS



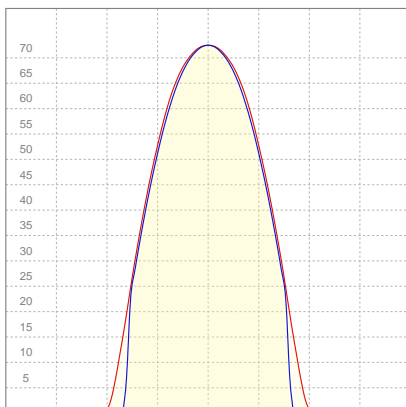
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
119°	154,5°	163°	79,6%	53,3%



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	72lx	18lx	8lx	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.	3,4m	6,8m	10,2m	13,6m	17m	25,4m	33,9m	50,9m	67,9m	84,8m	101,8m	135,7m	169,6m
Beam wid.	11,2ft	22,4ft	33,2ft	44,4ft	55,6ft	83,5ft	111,3ft	166,9ft	222,6ft	278,2ft	333,8ft	445,1ft	556,4ft

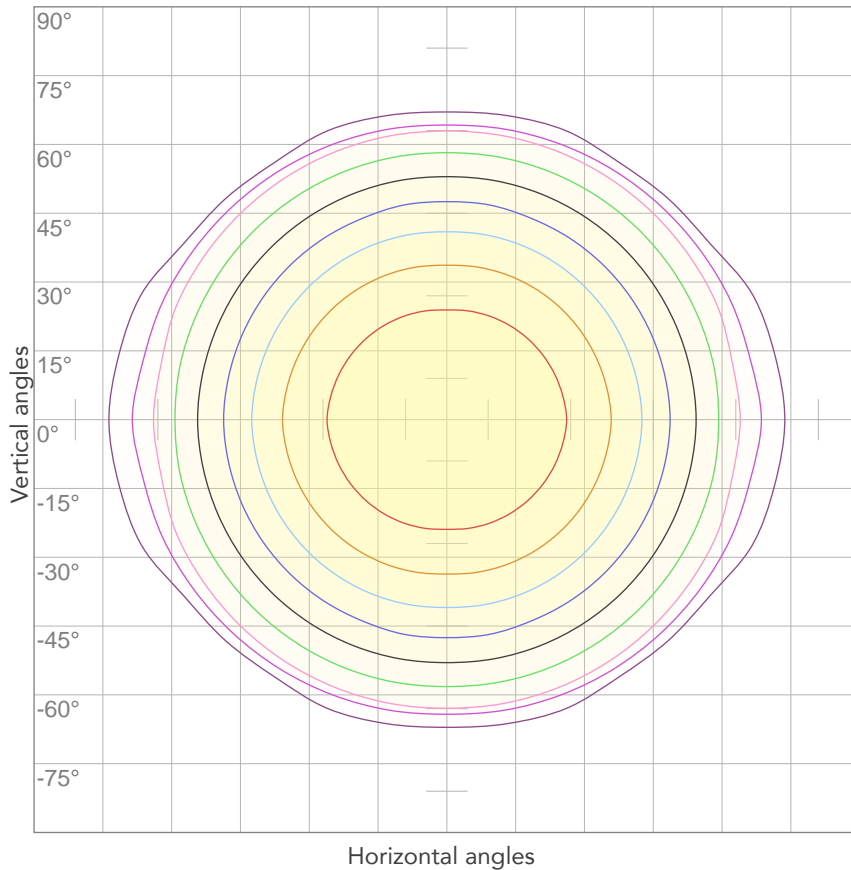
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,204A	20,5W	11lm/W
Power FC			
0,44			

ISO CANDELA DIAGRAM



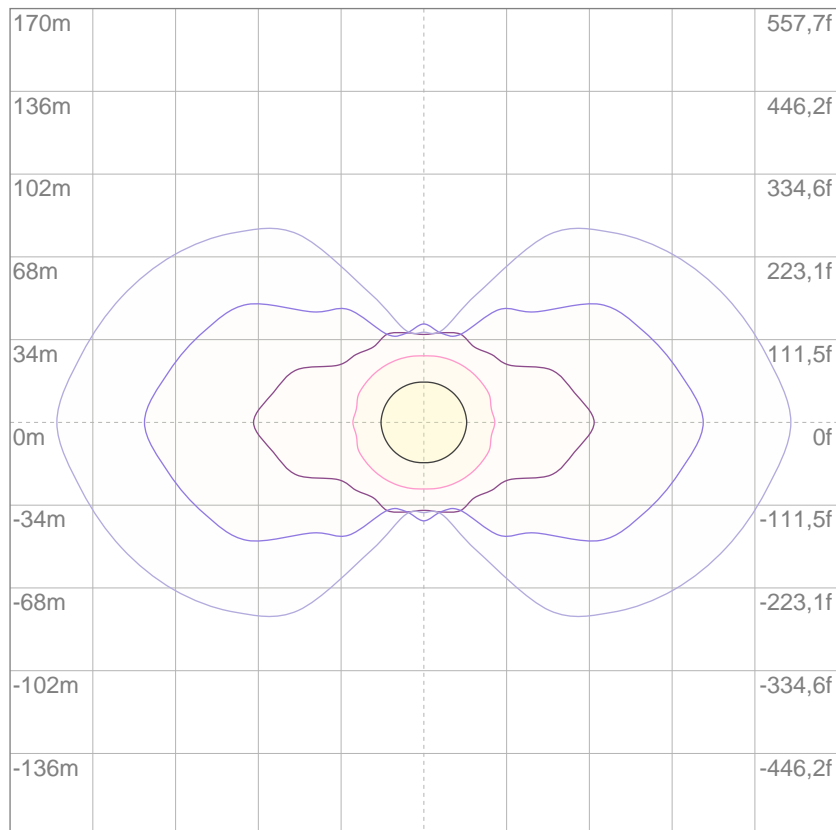
10%	7 cd
20%	14 cd
30%	22 cd
40%	29 cd
50%	36 cd
60%	43 cd
70%	51 cd
80%	58 cd

Conditions:

Number of c-planes: 4

Candela at center: 72 cd

ISO LUX DIAGRAM



3%	21,7m lx
5%	36,2m lx
10%	72,4m lx
30%	0,217 lx
50%	0,362 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,724 lx

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

Total lumen output:

108 lm

Peak candela output:

27,9 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

Flat Diffuser

Target:

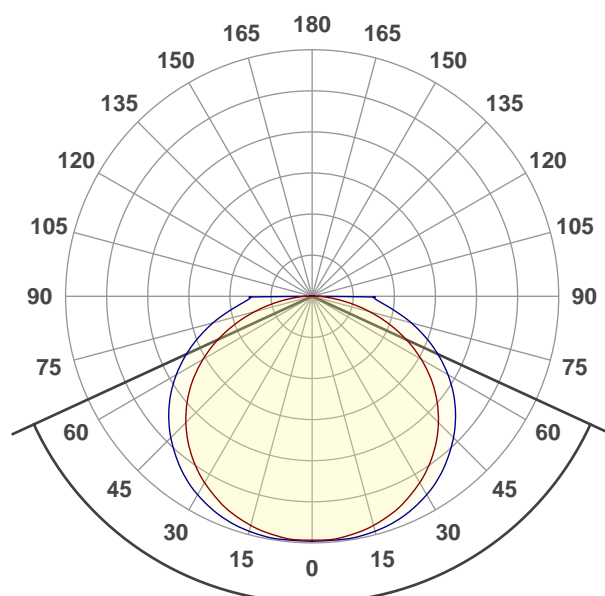
Green

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:44:39

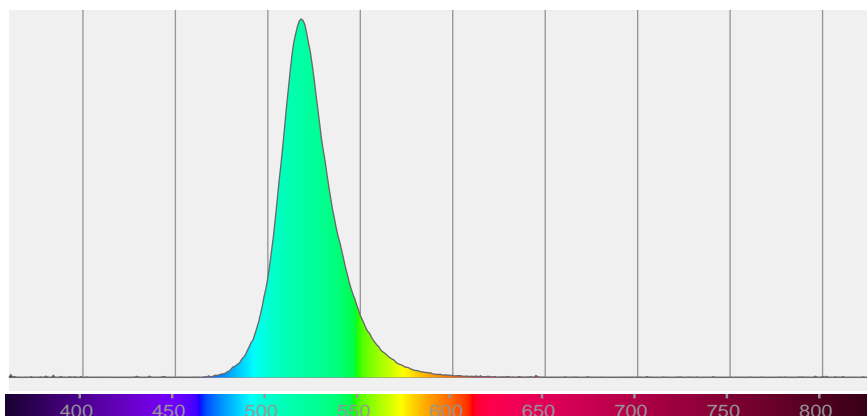


Beam angle 50%: 130,6°

Field angle 10%: 191,4°

Cut off angle 2.5%: 251,4°

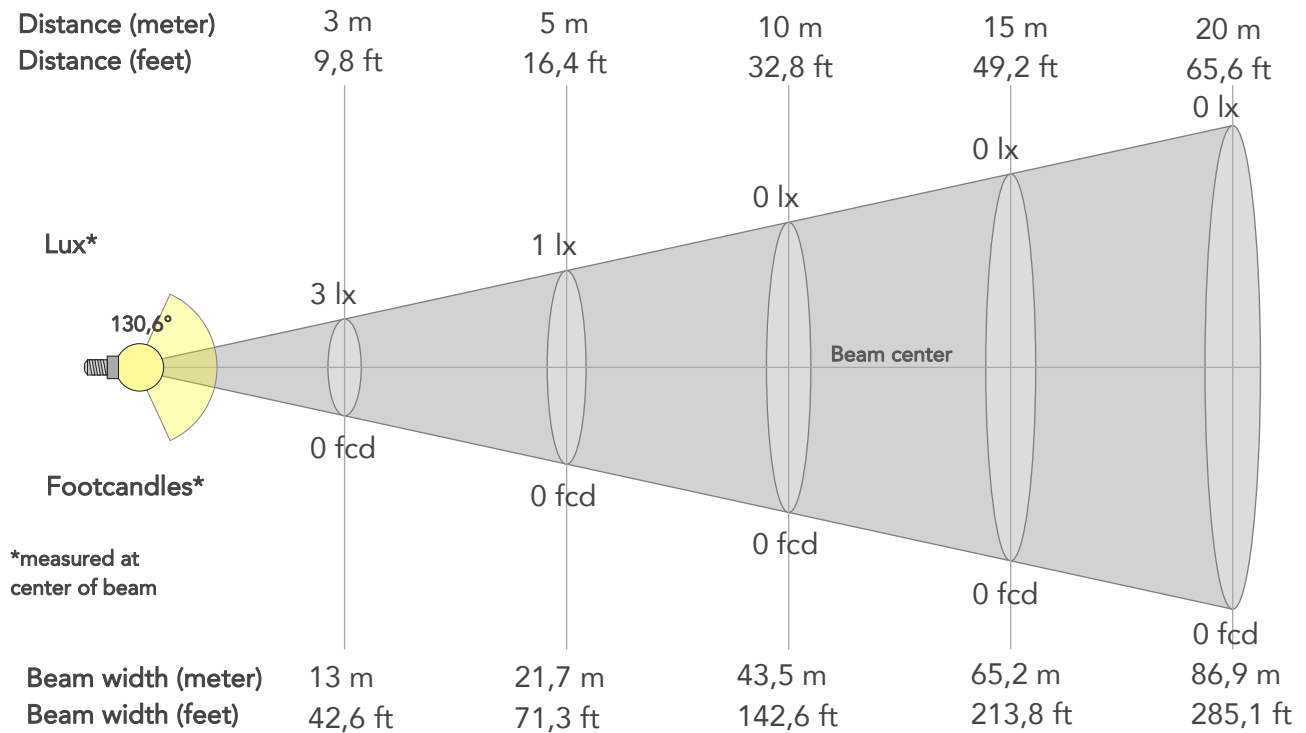
Spectra



BEAM DETAILS



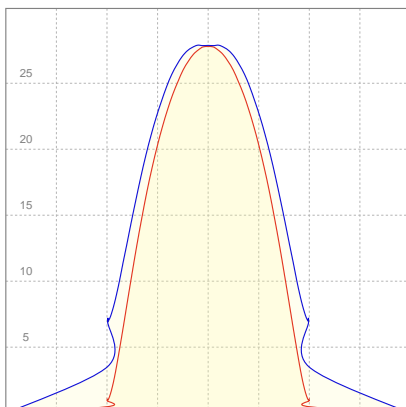
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
130,6°	191,4°	251,4°	65,1%	42,4%



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	28lx	7lx	3lx	2lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	3fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	4,3m	8,7m	13m	17,4m	21,7m	32,6m	43,5m	65,2m	86,9m	108,7m	130,4m	173,8m	217,3m
Beam wid.	14,3ft	28,7ft	42,6ft	56,9ft	71,3ft	106,9ft	142,6ft	213,8ft	285,1ft	356,4ft	427,7ft	570,2ft	712,8ft

LINEAR DISTRIBUTION DIAGRAM

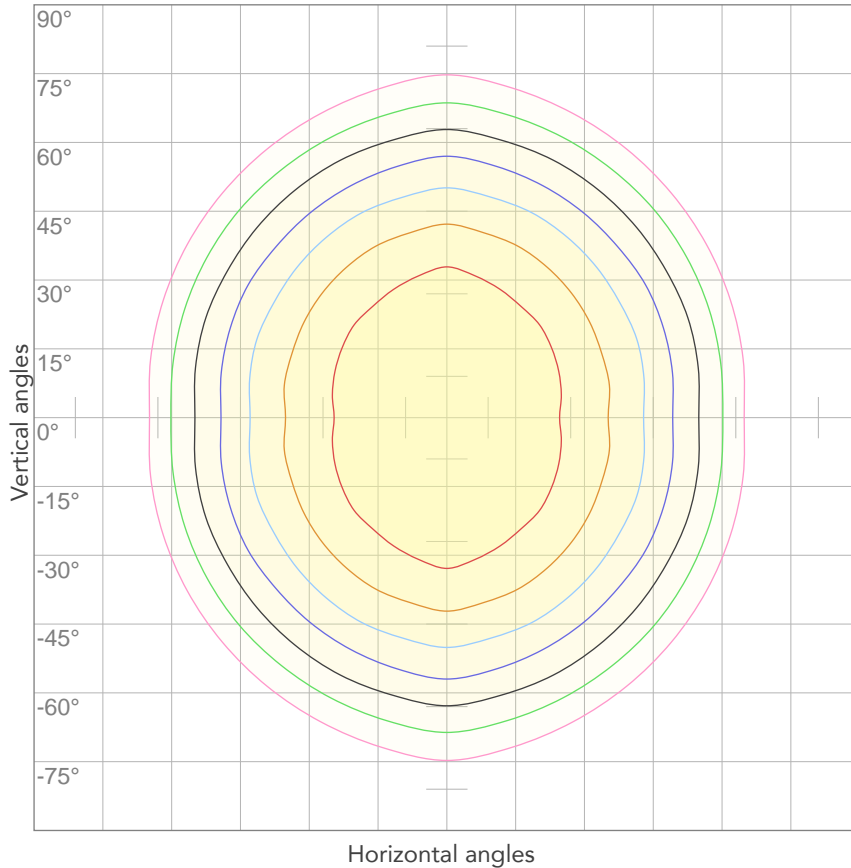


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,203A	20,4W	5lm/W

Power FC
0,44

ISO CANDELA DIAGRAM



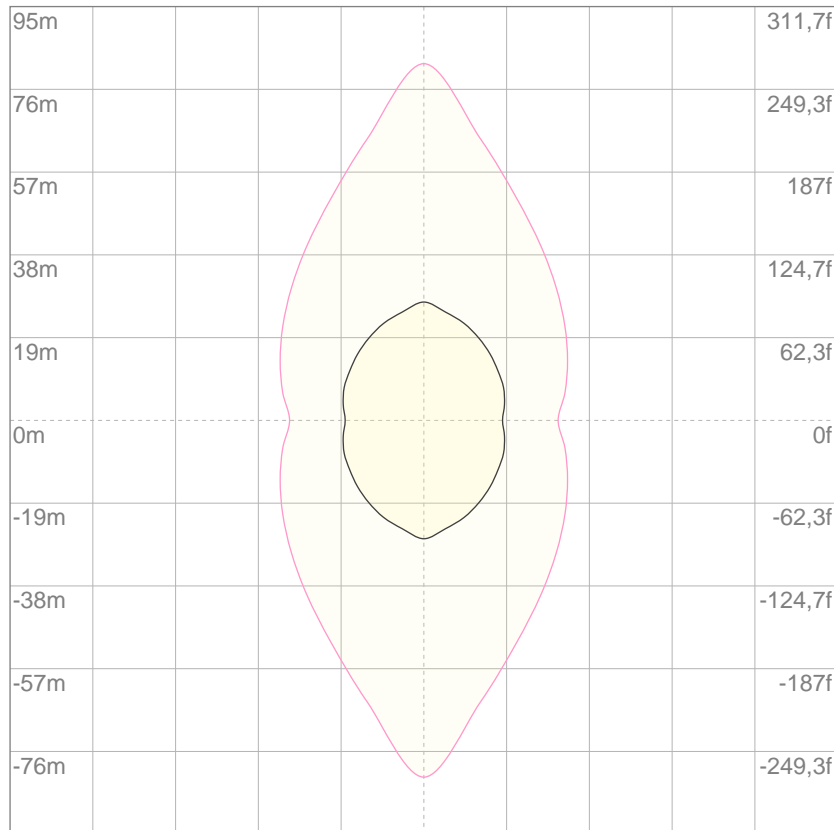
10%	3 cd
20%	6 cd
30%	8 cd
40%	11 cd
50%	14 cd
60%	17 cd
70%	19 cd
80%	22 cd

Conditions:

Number of c-planes: 4

Candela at center: 28 cd

ISO LUX DIAGRAM



3%	8,34m lx
5%	13,9m lx
10%	27,8m lx
30%	83,4m lx
50%	0,139 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,278 lx

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

Total lumen output:

138 lm

Peak candela output:

22,3 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

Dome Diffuser

Target:

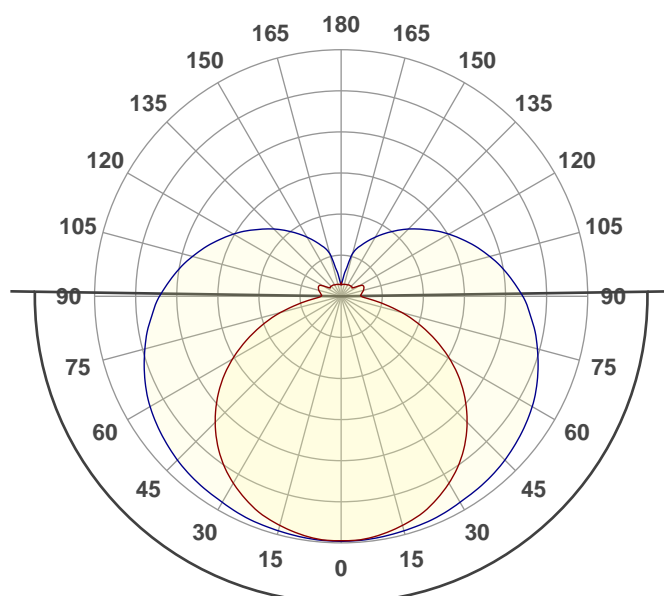
Green

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:56:46

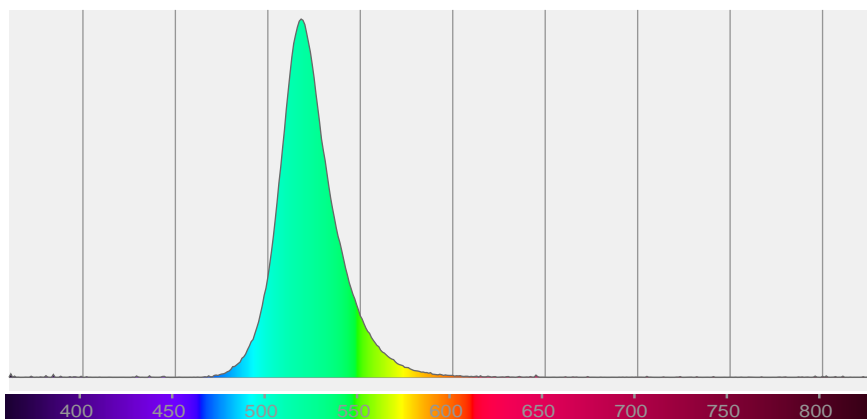


Beam angle 50%: 181,7°

Field angle 10%: 285,4°

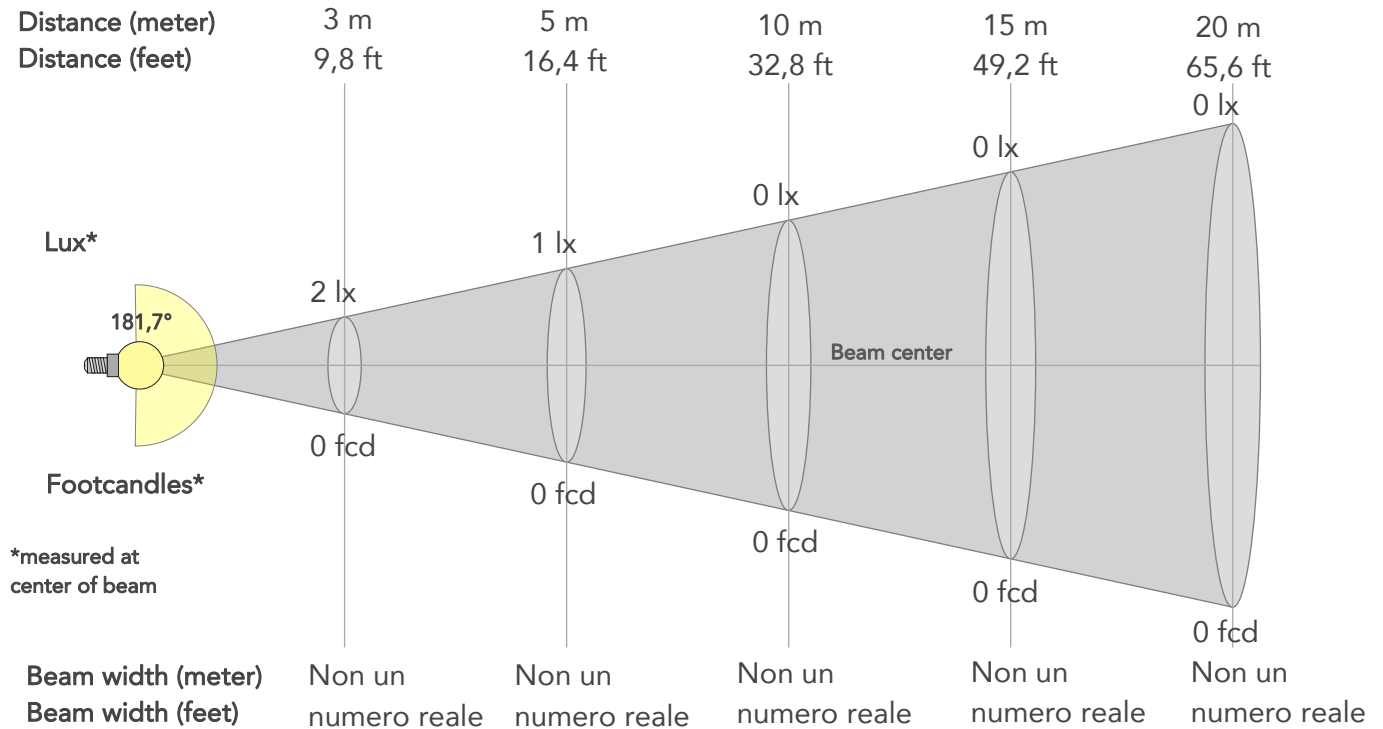
Cut off angle 2.5%: 360°

Spectra



BEAM DETAILS

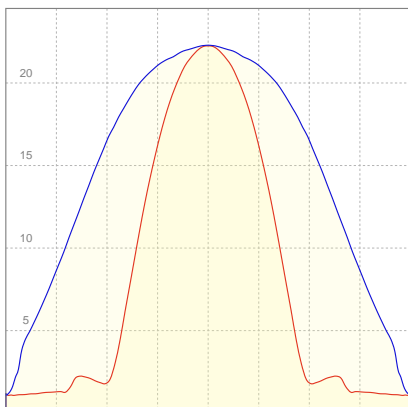
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
181,7°	285,4°	360°	43,7%	27,4%



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	22lx	6lx	2lx	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.	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

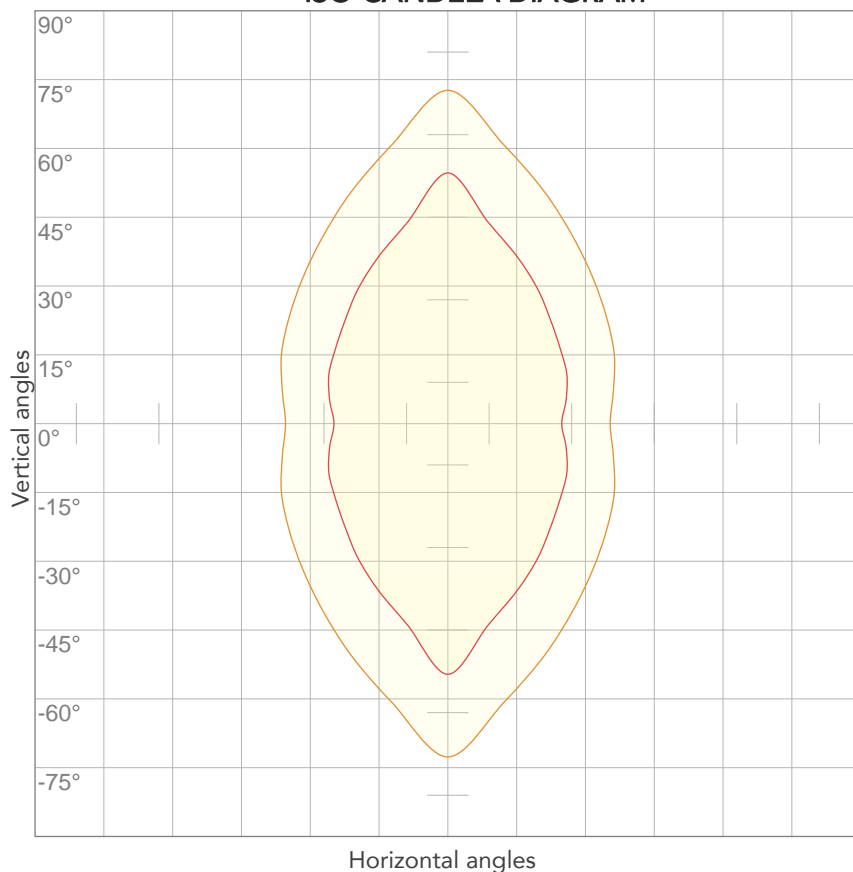
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,204A	20,2W	7lm/W
Power FC			
0,44			

ISO CANDELA DIAGRAM



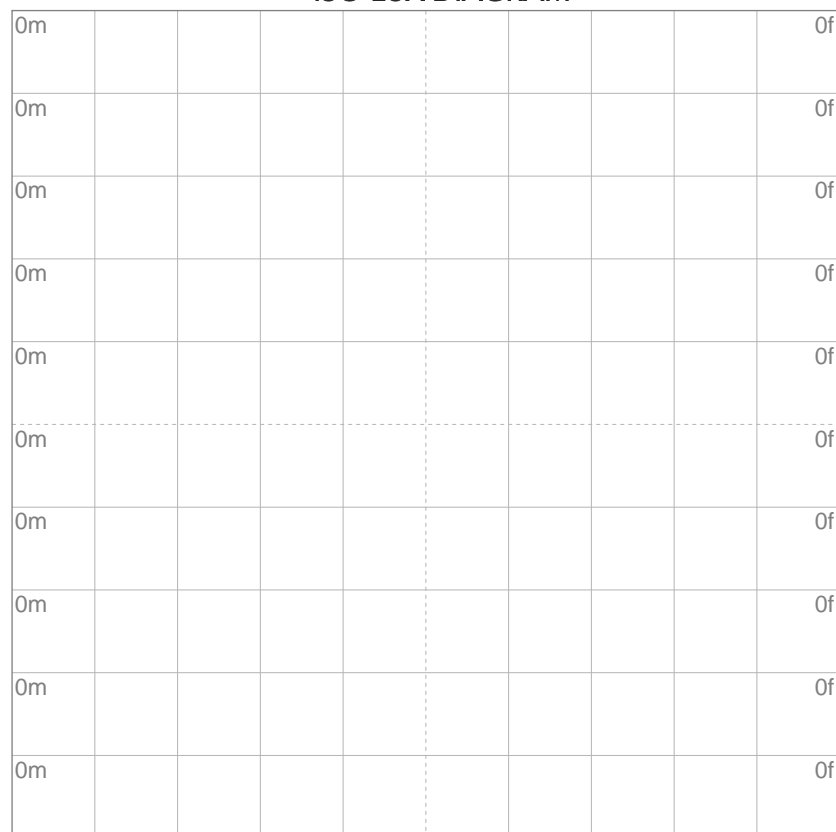
10%	2 cd
20%	4 cd
30%	7 cd
40%	9 cd
50%	11 cd
60%	13 cd
70%	16 cd
80%	18 cd

Conditions:

Number of c-planes: 4

Candela at center: 22 cd

ISO LUX DIAGRAM



3%	6,68m lx
5%	11,1m lx
10%	22,3m lx
30%	66,8m lx
50%	0,111 lx

Conditions:

Number of c-planes: 4

Lux at center: 0,223 lx

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

Total lumen output:

27,7 lm

Peak candela output:

13,4 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

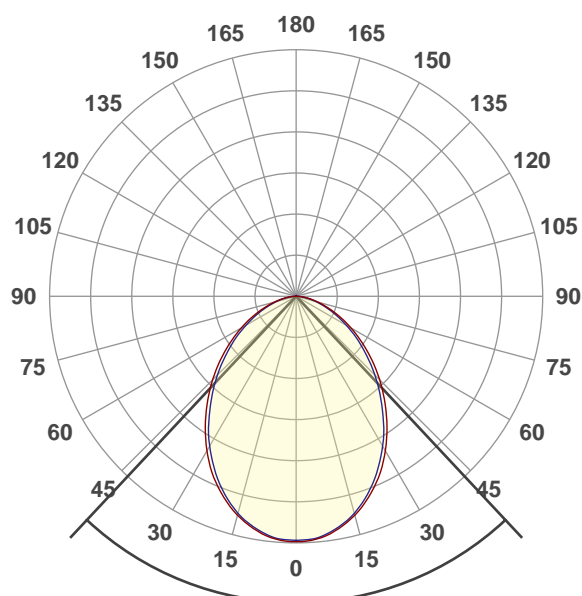
MEASURAMENT CONDITIONS:

Beam angle:
Black Diffuser

Target:
Green

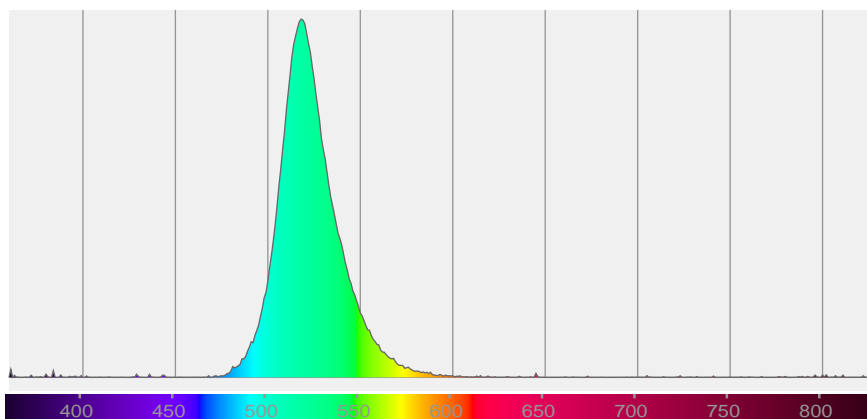
Operator:
Paolo Carvone

Date and time:
08/05/2020 16:13:56



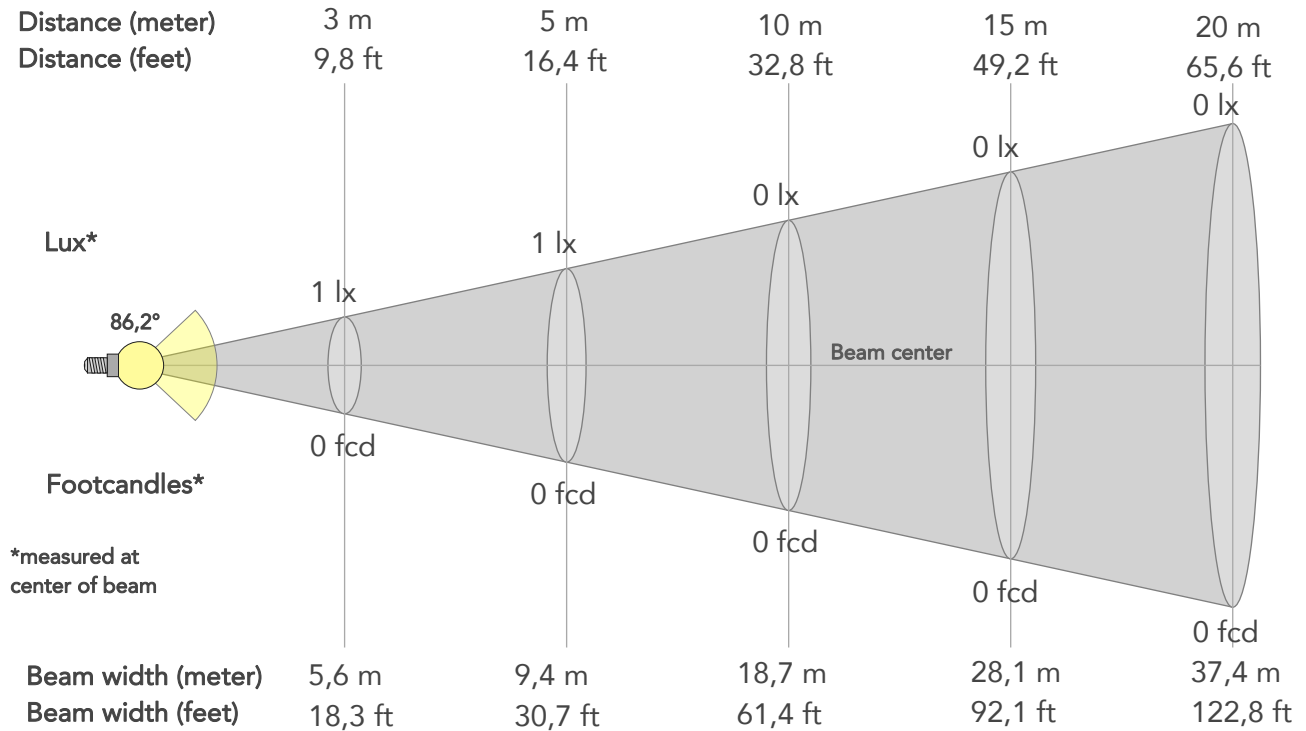
Beam angle 50%: 86,2°
Field angle 10%: 147,1°
Cut off angle 2.5%: 168,7°

Spectra



BEAM DETAILS

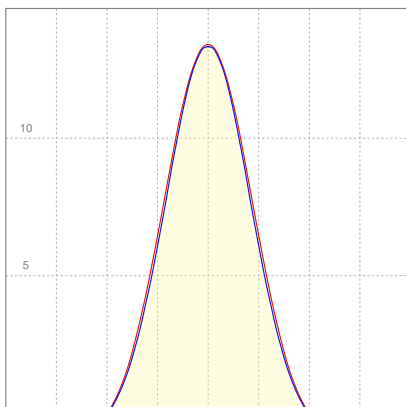
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
86,2°	147,1°	168,7°	84,8%	62,8%



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	13lx	3lx	1lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1,9m	3,7m	5,6m	7,5m	9,4m	14m	18,7m	28,1m	37,4m	46,8m	56,1m	74,8m	93,6m
Beam wid.	6,2ft	12,4ft	18,3ft	24,5ft	30,7ft	46ft	61,4ft	92,1ft	122,8ft	153,4ft	184,1ft	245,5ft	306,9ft

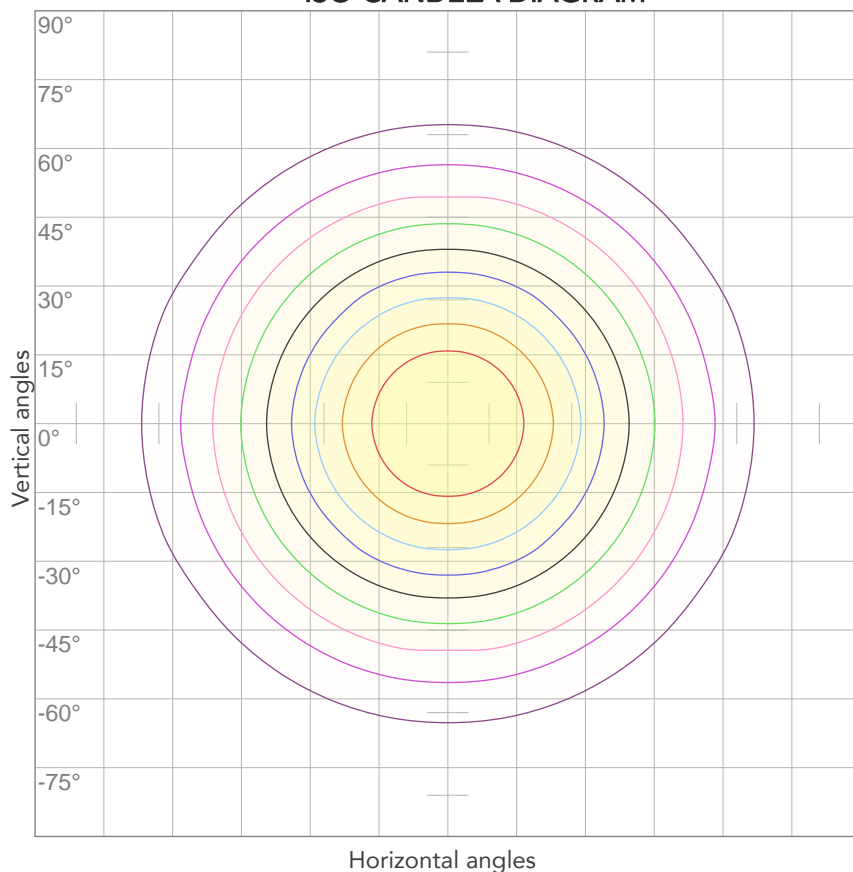
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,200A	20,3W	1lm/W
Power FC			
0,45			

ISO CANDELA DIAGRAM



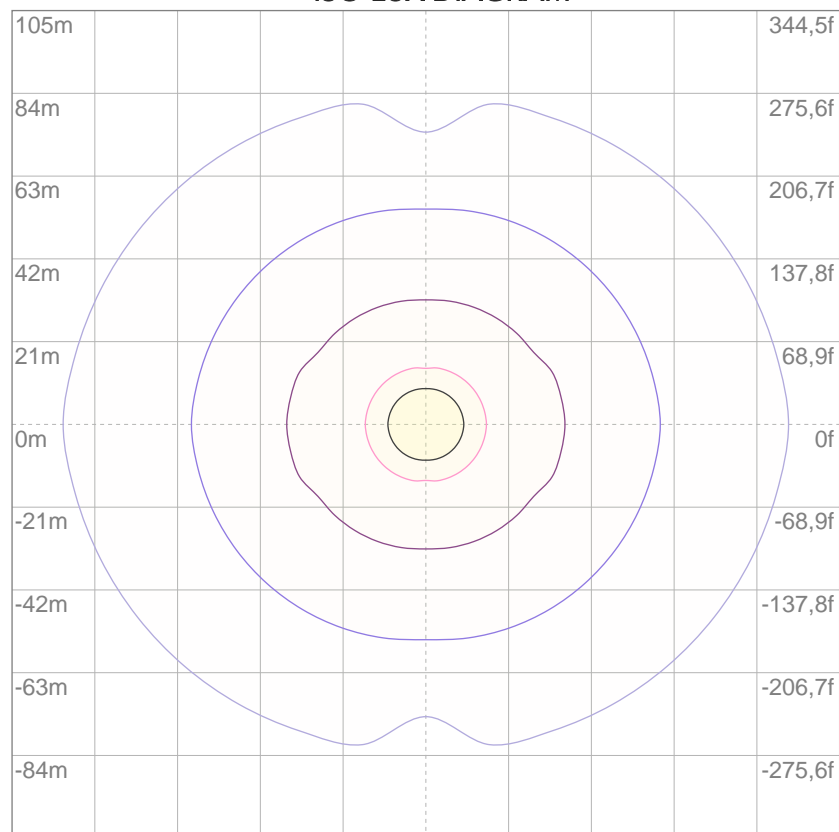
10%	1 cd
20%	3 cd
30%	4 cd
40%	5 cd
50%	7 cd
60%	8 cd
70%	9 cd
80%	11 cd

Conditions:

Number of c-planes: 4

Candela at center: 13 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	4,01m lx
5%	6,68m lx
10%	13,4m lx
30%	40,1m lx
50%	66,8m lx

Conditions:

Number of c-planes: 4

Lux at center: 0,134 lx

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

Total lumen output:

48,3 lm

Peak candela output:

16,5 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

No Diffuser

Target:

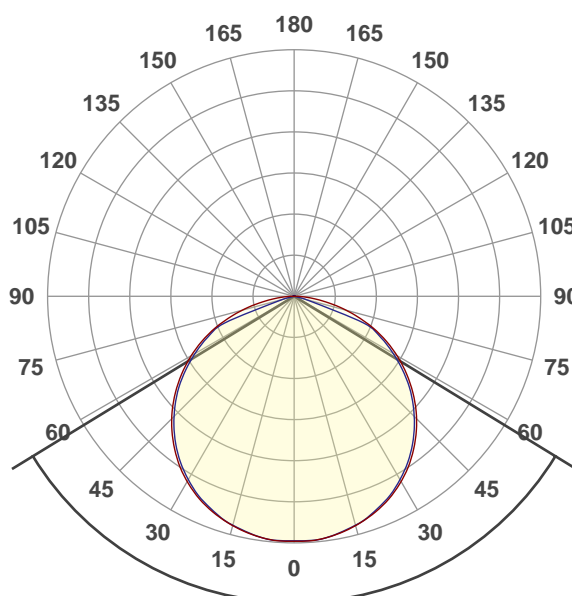
Blue

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:36:41

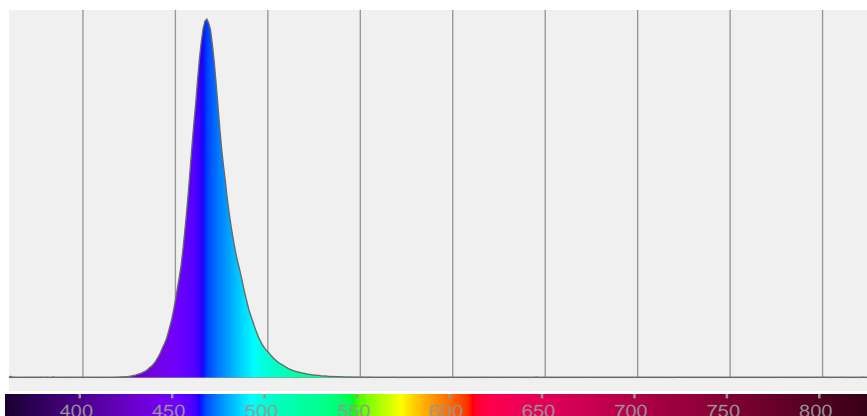


Beam angle 50%: 117,1°

Field angle 10%: 154,6°

Cut off angle 2.5%: 164°

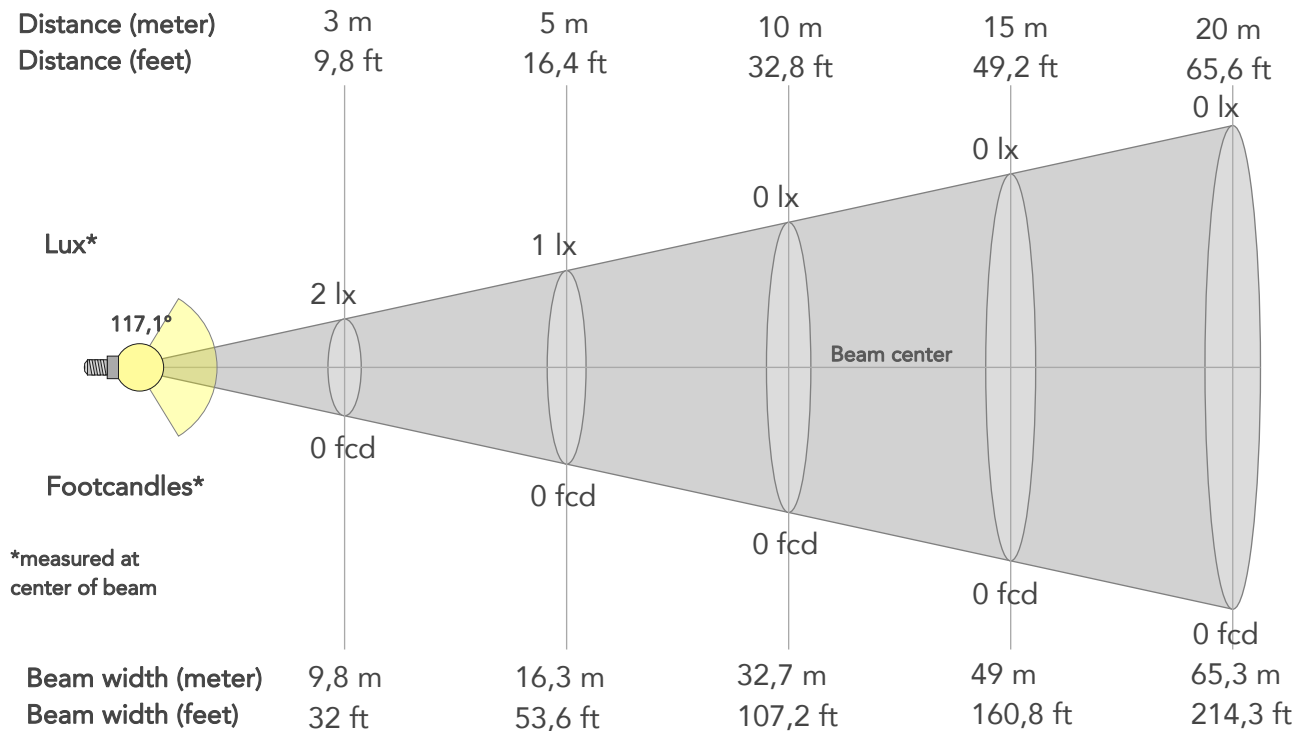
Spectra



BEAM DETAILS



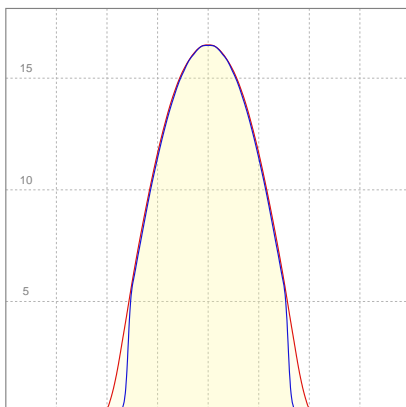
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
117,1°	154,6°	164°	79,6%	53,6%



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	16lx	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.	3,3m	6,5m	9,8m	13,1m	16,3m	24,5m	32,7m	49m	65,3m	81,7m	98m	130,7m	163,4m
Beam wid.	10,8ft	21,6ft	32ft	42,8ft	53,6ft	80,4ft	107,2ft	160,8ft	214,3ft	267,9ft	321,5ft	428,7ft	535,9ft

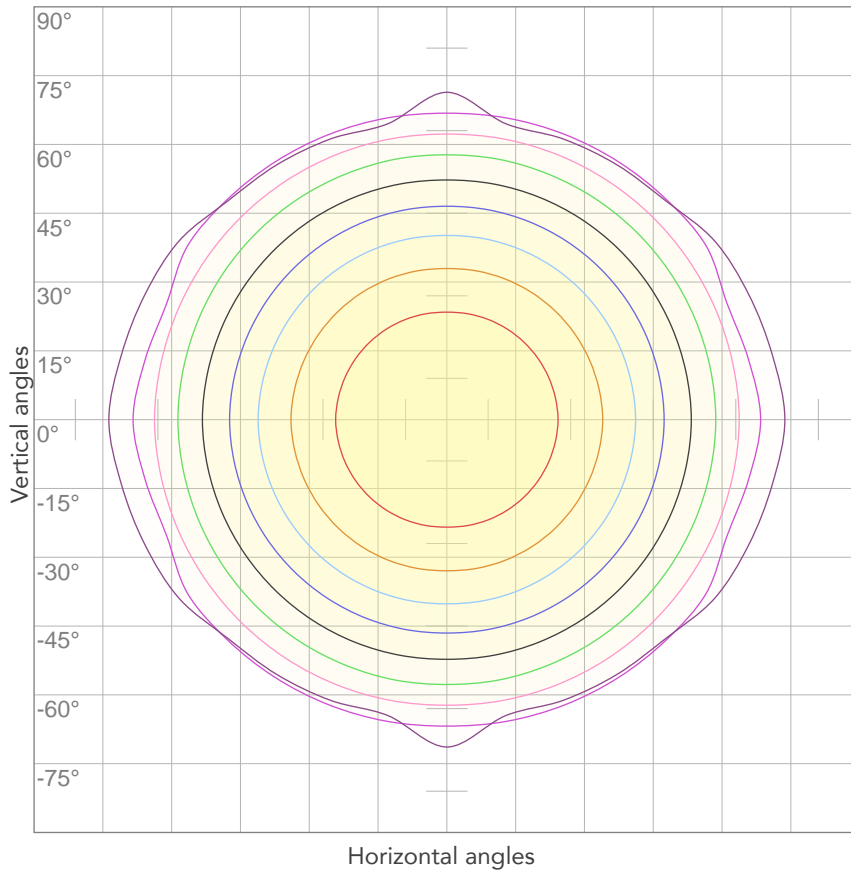
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,204A	20,5W	2lm/W
Power FC			
0,44			

ISO CANDELA DIAGRAM



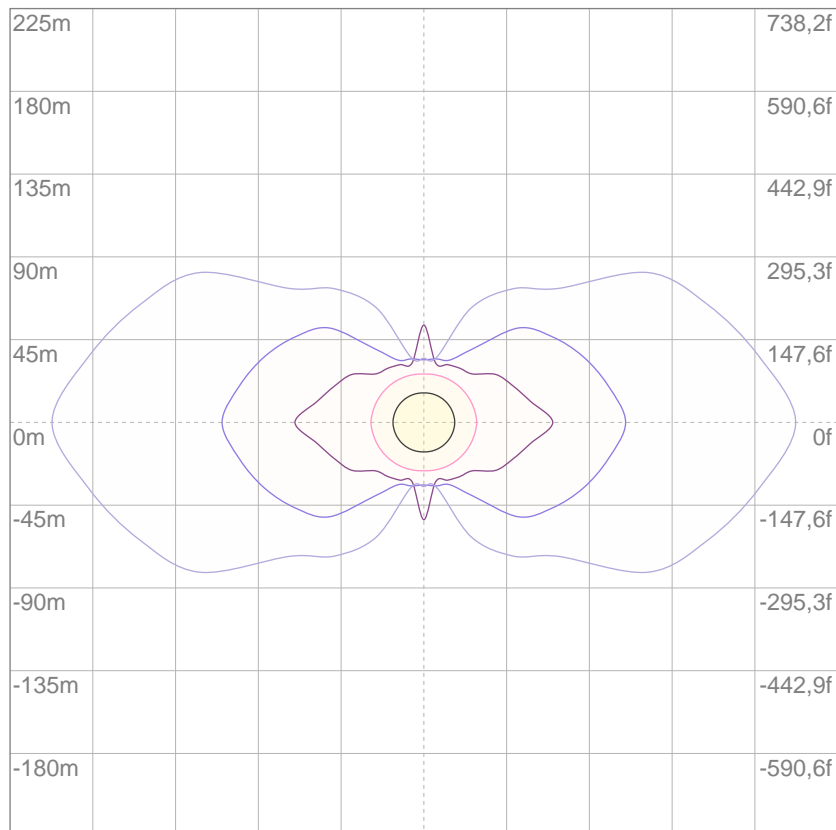
10%	2 cd
20%	3 cd
30%	5 cd
40%	7 cd
50%	8 cd
60%	10 cd
70%	12 cd
80%	13 cd

Conditions:

Number of c-planes: 4

Candela at center: 16 cd

ISO LUX DIAGRAM



3%	4,94m lx
5%	8,23m lx
10%	16,5m lx
30%	49,4m lx
50%	82,3m lx

Conditions:

Number of c-planes: 4

Lux at center: 0,165 lx

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

Total lumen output:

24,8 lm

Peak candela output:

6,48 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

Flat Diffuser

Target:

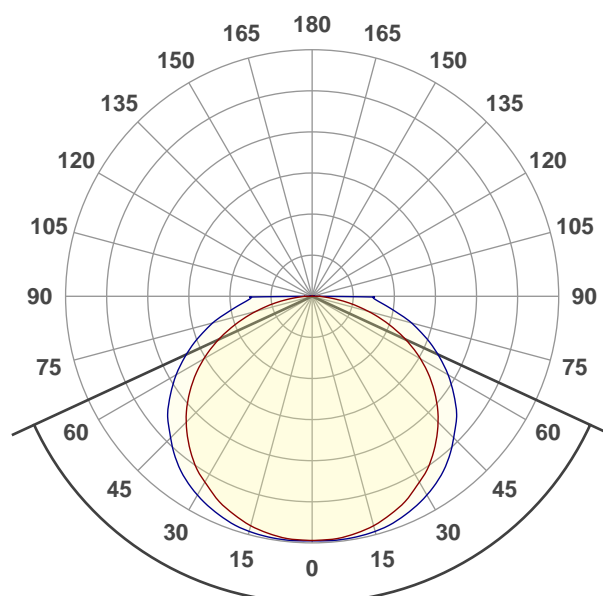
Blue

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:41:04

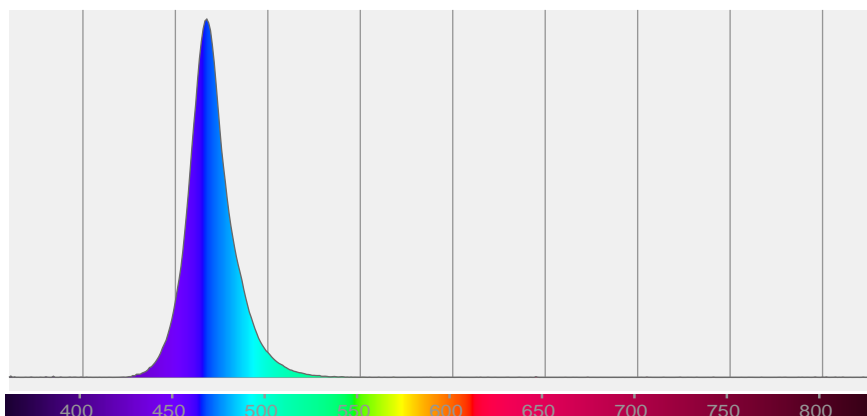


Beam angle 50%: 130,4°

Field angle 10%: 190,5°

Cut off angle 2.5%: 251,4°

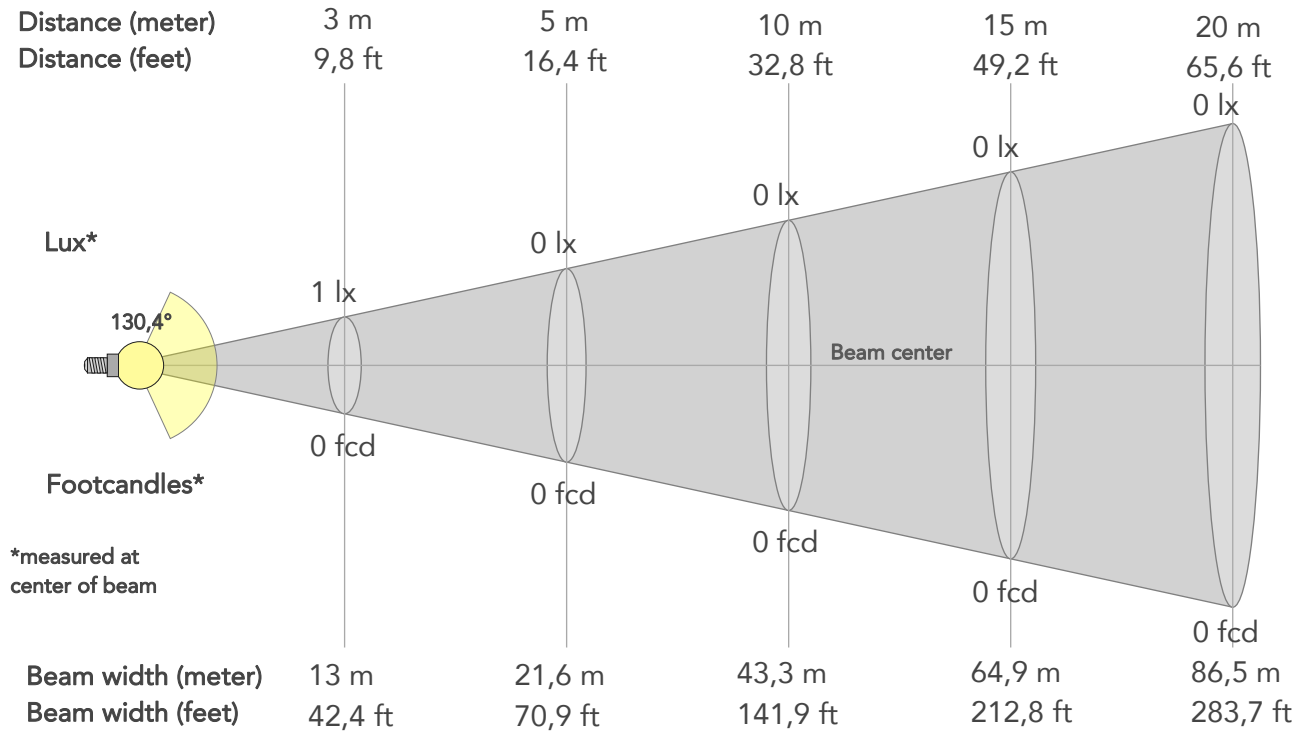
Spectra



BEAM DETAILS



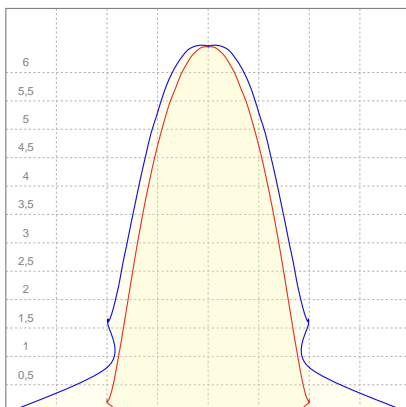
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
130,4°	190,5°	251,4°	65,9%	43,0%



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	6lx	2lx	1lx	0lx	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.	4,3m	8,7m	13m	17,3m	21,6m	32,4m	43,3m	64,9m	86,5m	108,1m	129,8m	173m	216,3m
Beam wid.	14,3ft	28,5ft	42,4ft	56,7ft	70,9ft	106,4ft	141,9ft	212,8ft	283,7ft	354,7ft	425,6ft	567,5ft	709,4ft

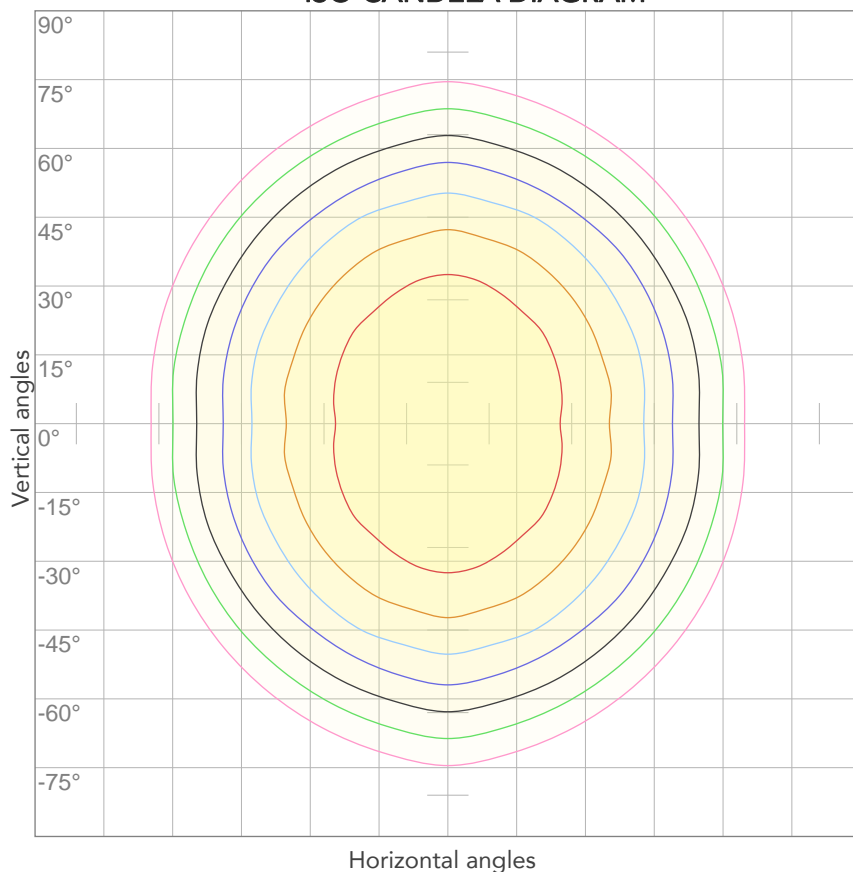
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,204A	20,4W	1lm/W
Power FC			
0,44			

ISO CANDELA DIAGRAM



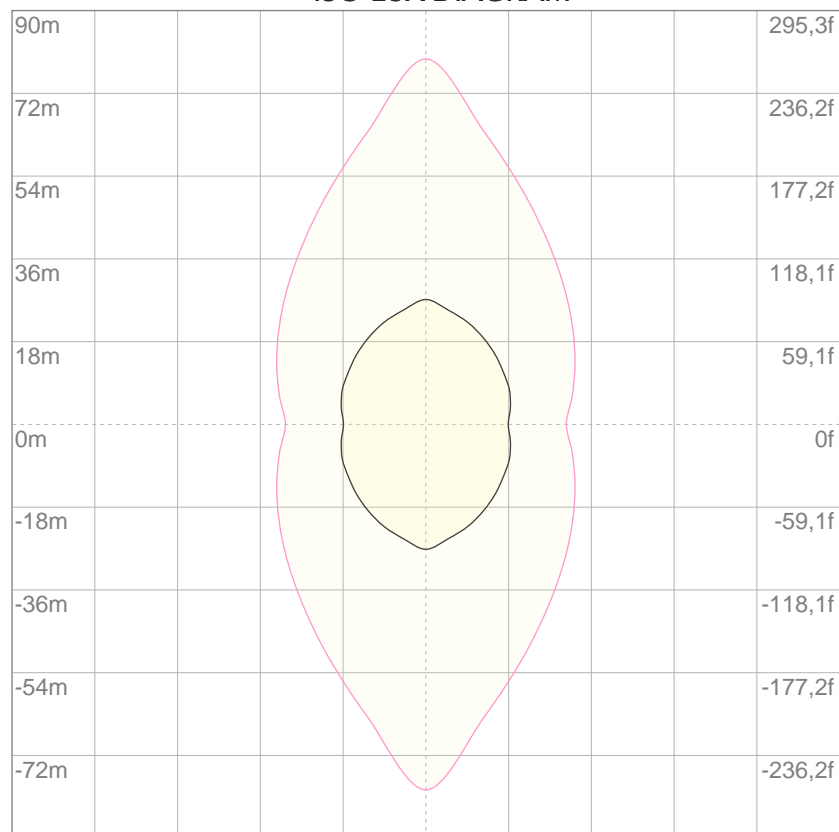
10%	1 cd
20%	1 cd
30%	2 cd
40%	3 cd
50%	3 cd
60%	4 cd
70%	5 cd
80%	5 cd

Conditions:

Number of c-planes: 4

Candela at center: 6 cd

ISO LUX DIAGRAM



3%	1,94m lx
5%	3,23m lx
10%	6,46m lx
30%	19,4m lx
50%	32,3m lx

Conditions:

Number of c-planes: 4

Lux at center: 64,6m lx

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

Total lumen output:

32,4 lm

Peak candela output:

5,23 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

MEASURAMENT CONDITIONS:

Beam angle:

Dome Diffuser

Target:

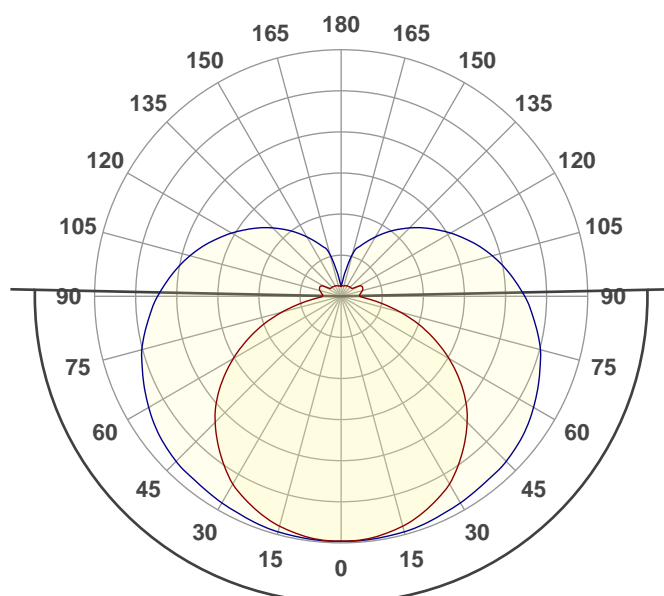
Blue

Operator:

Paolo Carvone

Date and time:

08/05/2020 15:58:35

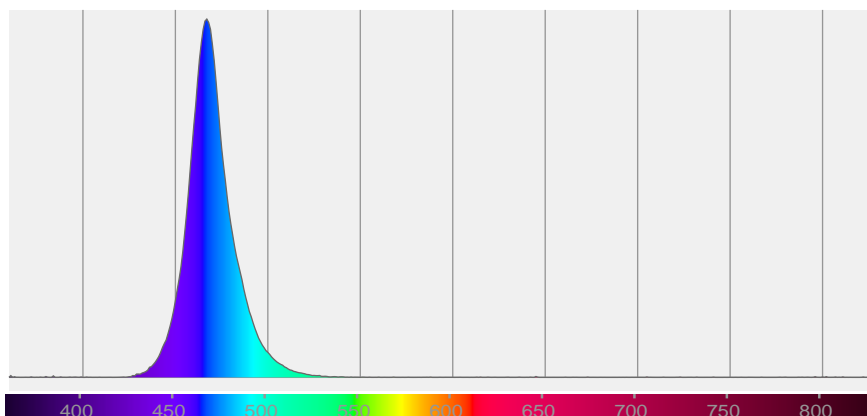


Beam angle 50%: 182,4°

Field angle 10%: 256,7°

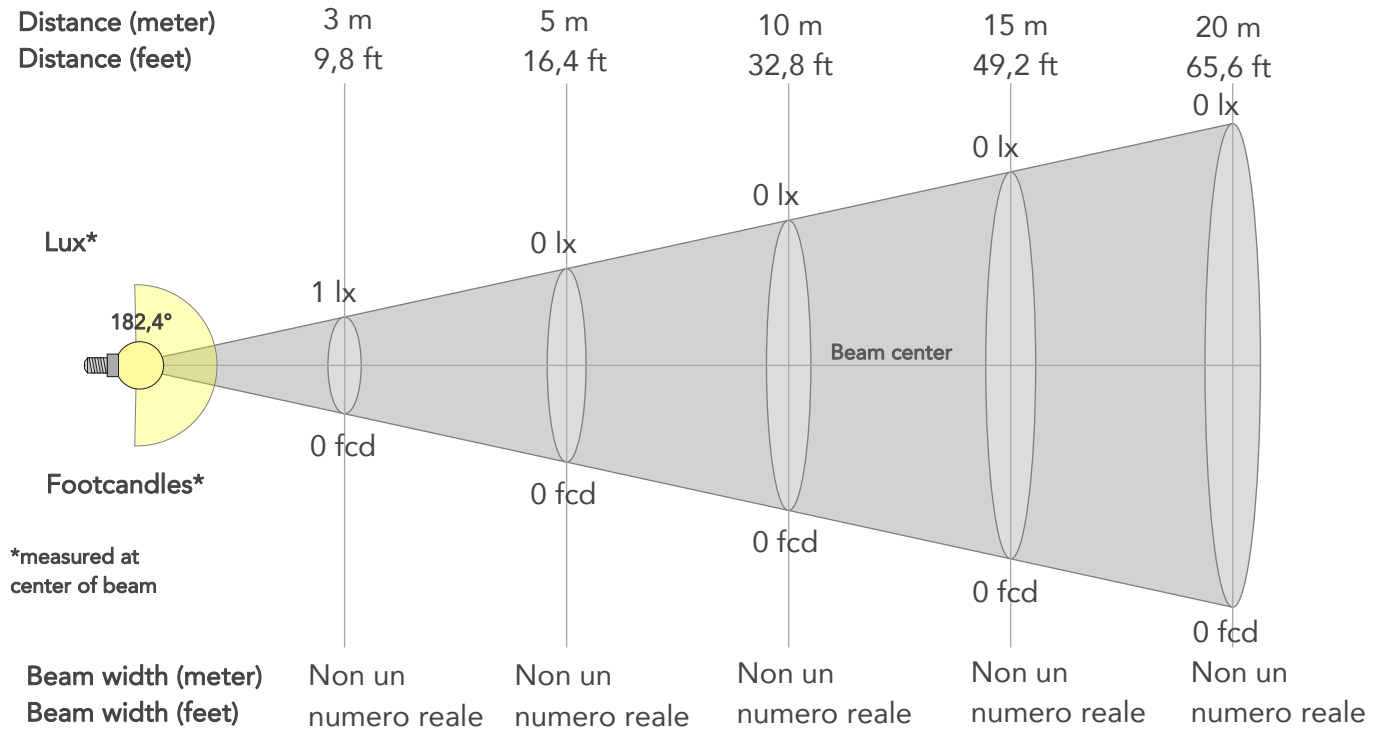
Cut off angle 2.5%: 360°

Spectra



BEAM DETAILS

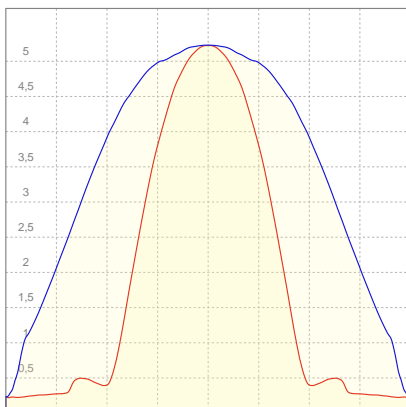
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
182,4°	256,7°	360°	43,7%	27,4%



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	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.	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

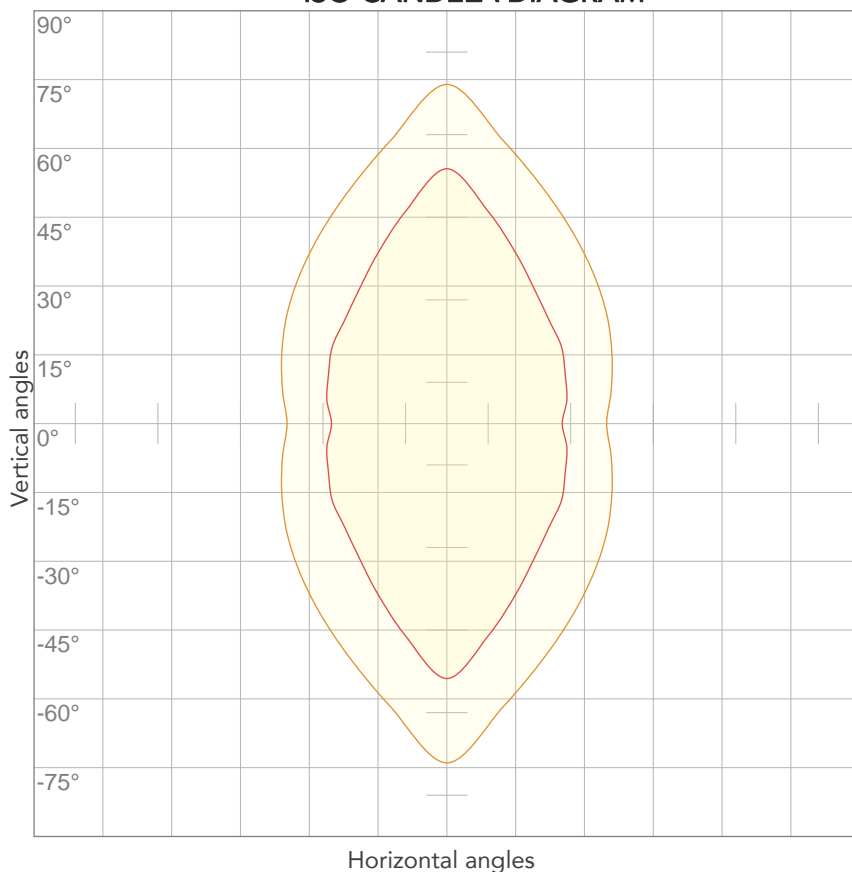
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,204A	20,2W	2lm/W
Power FC			
0,44			

ISO CANDELA DIAGRAM



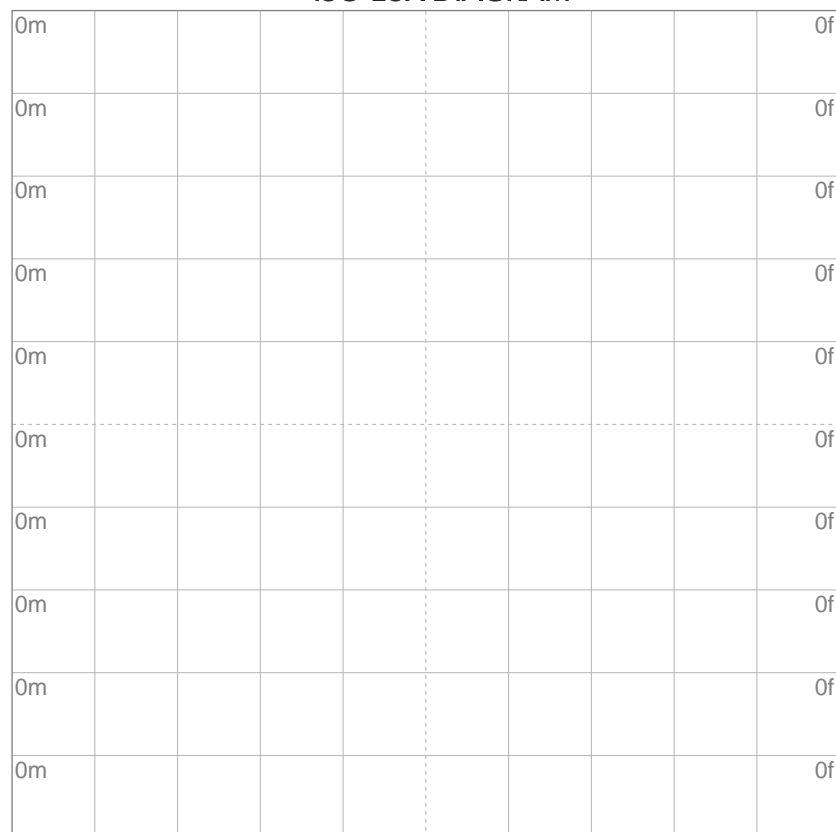
10%	1 cd
20%	1 cd
30%	2 cd
40%	2 cd
50%	3 cd
60%	3 cd
70%	4 cd
80%	4 cd

Conditions:

Number of c-planes: 4

Candela at center: 5 cd

ISO LUX DIAGRAM



3%	1,57m lx
5%	2,61m lx
10%	5,22m lx
30%	15,7m lx
50%	26,1m lx

Conditions:

Number of c-planes: 4

Lux at center: 52,2m lx

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

Total lumen output:

5,88 lm

Peak candela output:

2,80 cd



PRODUCT NAME:

DIGISTRIP IP 0.5m

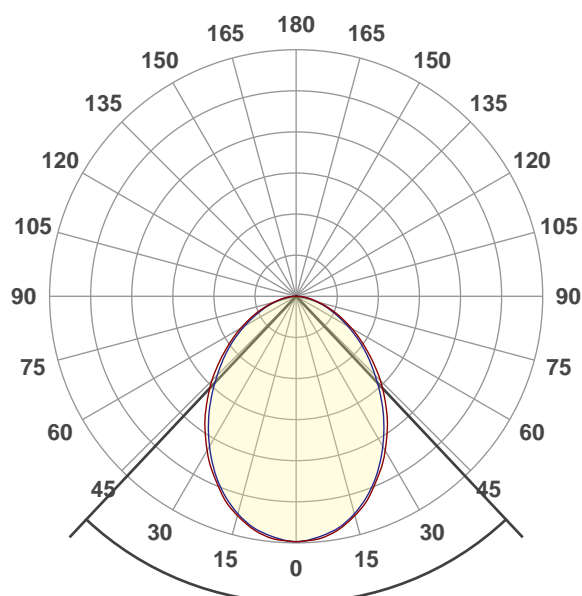
MEASURAMENT CONDITIONS:

Beam angle:
Black Diffuser

Target:
Blue

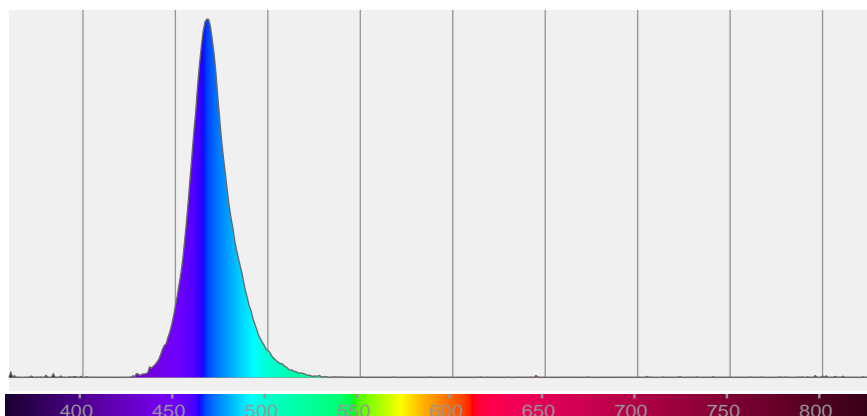
Operator:
Paolo Carvone

Date and time:
08/05/2020 16:15:38



Beam angle 50%: 86,5°
Field angle 10%: 148°
Cut off angle 2.5%: 169,7°

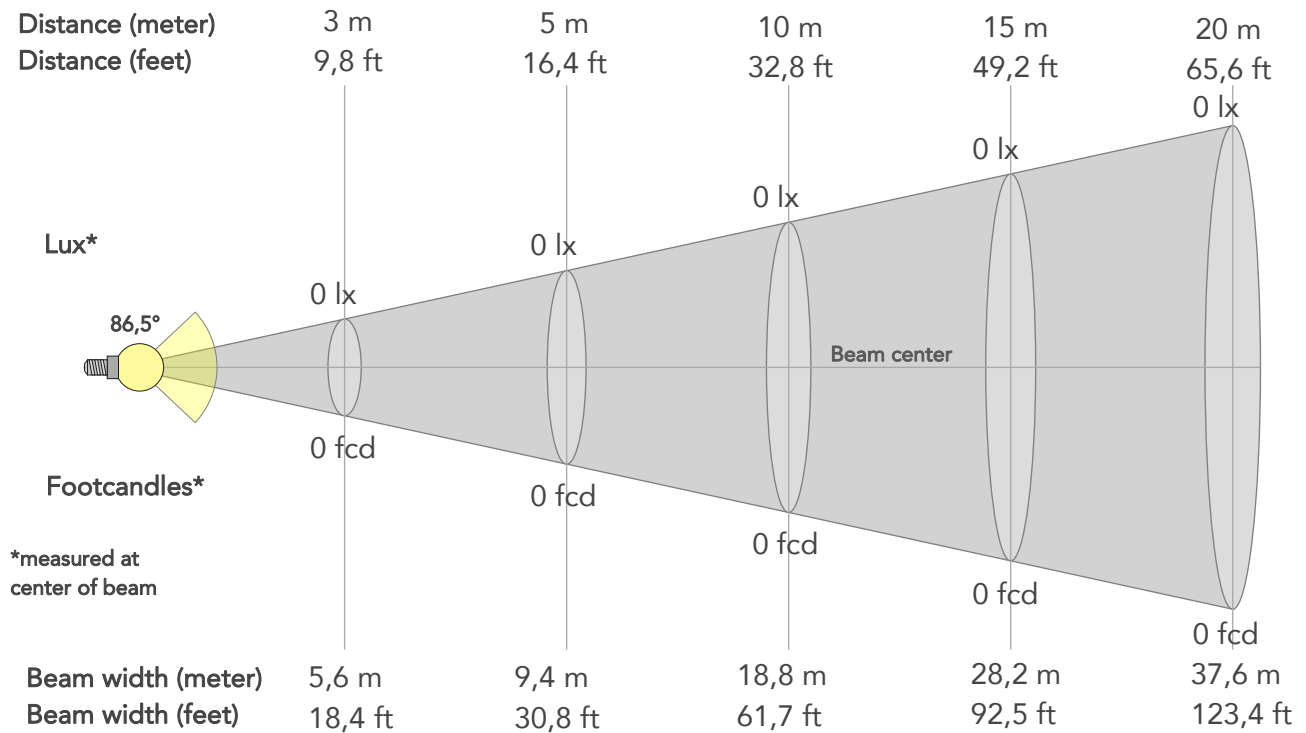
Spectra



BEAM DETAILS



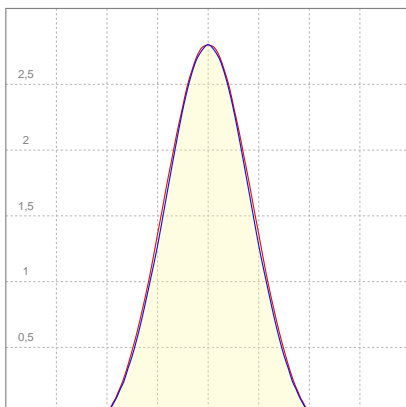
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
86,5°	148°	169,7°	84,0%	62,0%



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	3lx	1lx	0lx	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.	1,9m	3,8m	5,6m	7,5m	9,4m	14,1m	18,8m	28,2m	37,6m	47m	56,4m	75,2m	94m
Beam wid.	6,2ft	12,4ft	18,4ft	24,6ft	30,8ft	46,3ft	61,7ft	92,5ft	123,4ft	154,2ft	185ft	246,7ft	308,4ft

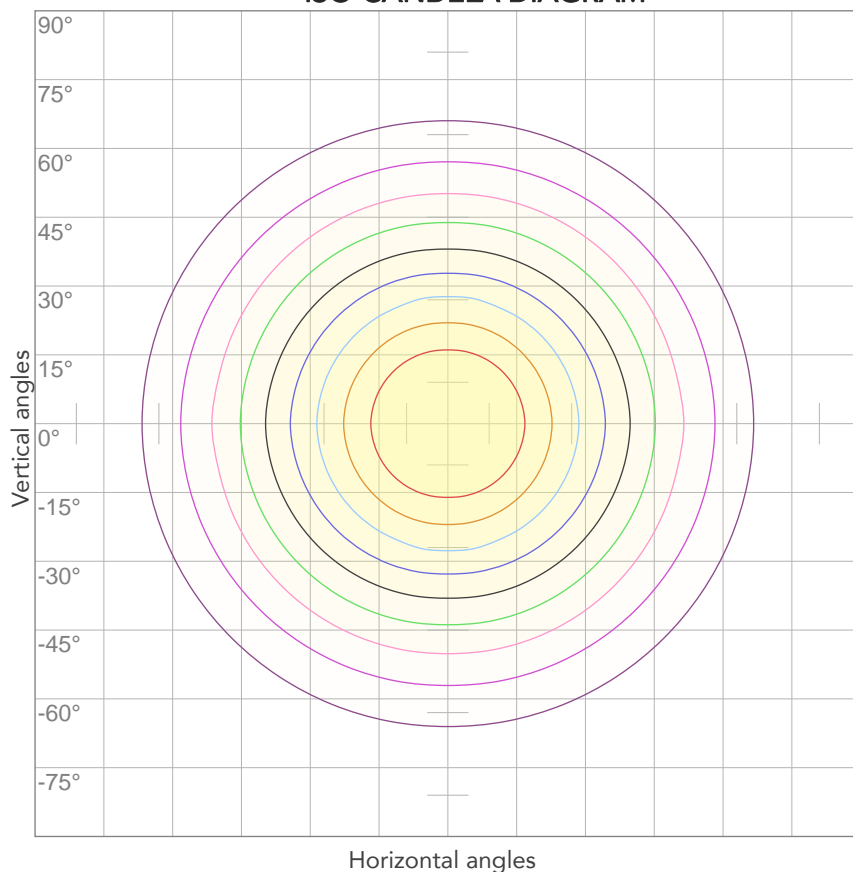
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,202A	20,2W	0lm/W
Power FC			
0,44			

ISO CANDELA DIAGRAM



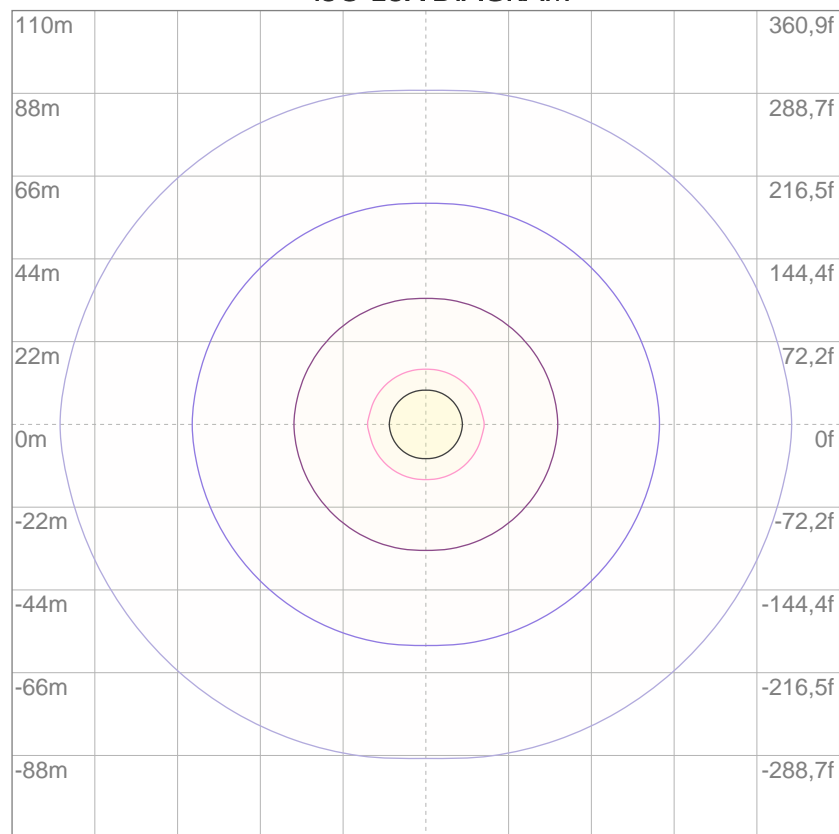
10%	0 cd
20%	1 cd
30%	1 cd
40%	1 cd
50%	1 cd
60%	2 cd
70%	2 cd
80%	2 cd

Conditions:

Number of c-planes: 4

Candela at center: 3 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	839u lx
5%	1,40m lx
10%	2,80m lx
30%	8,39m lx
50%	14,0m lx

Conditions:

Number of c-planes: 4

Lux at center: 28,0m lx

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