

Photometric Test Report



LUMIPIXXB100

IP65 RGB+WW pixel-controlled
linear LED fixture

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Color preset 3200K

Beam angle Native Optic	80
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Color preset 5600K

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Beam angle Native Optic + 20° Filter	115
Beam angle Native Optic + 40° Filter	120
Beam angle Native Optic + 60° Filter	125

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:

7996 lm

Peak candela output:

150584 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic No. Filter

Target:

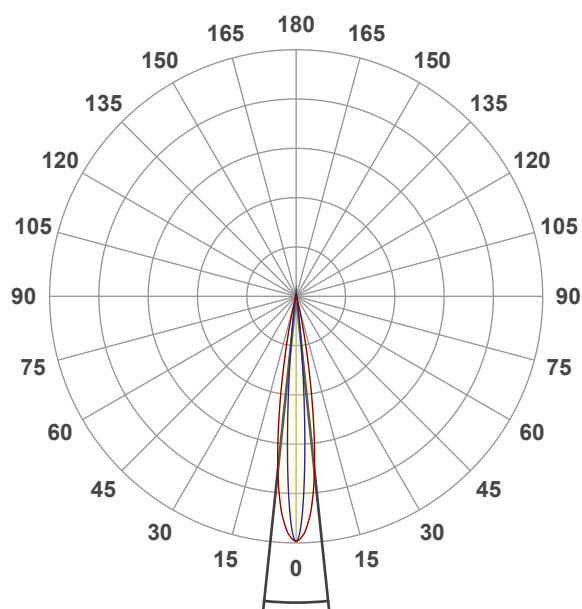
Full On

Operator:

Paolo Carvone

Date and time:

16/09/2022 12:50:21

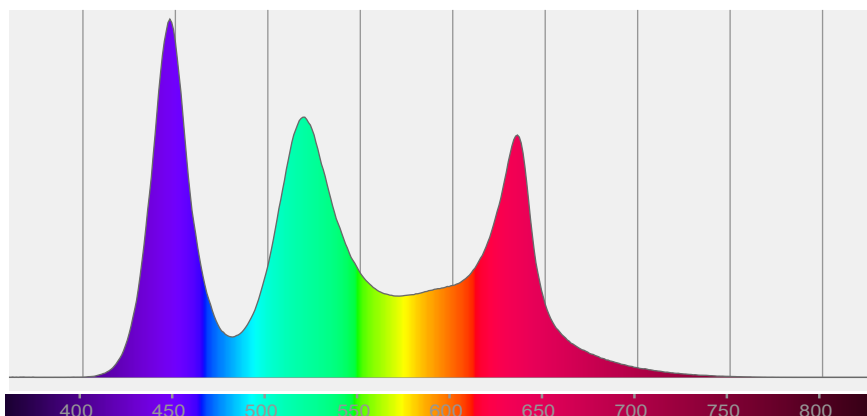


Beam angle 50%: 12°

Field angle 10%: 20,3°

Cut off angle 2.5%: 28,5°

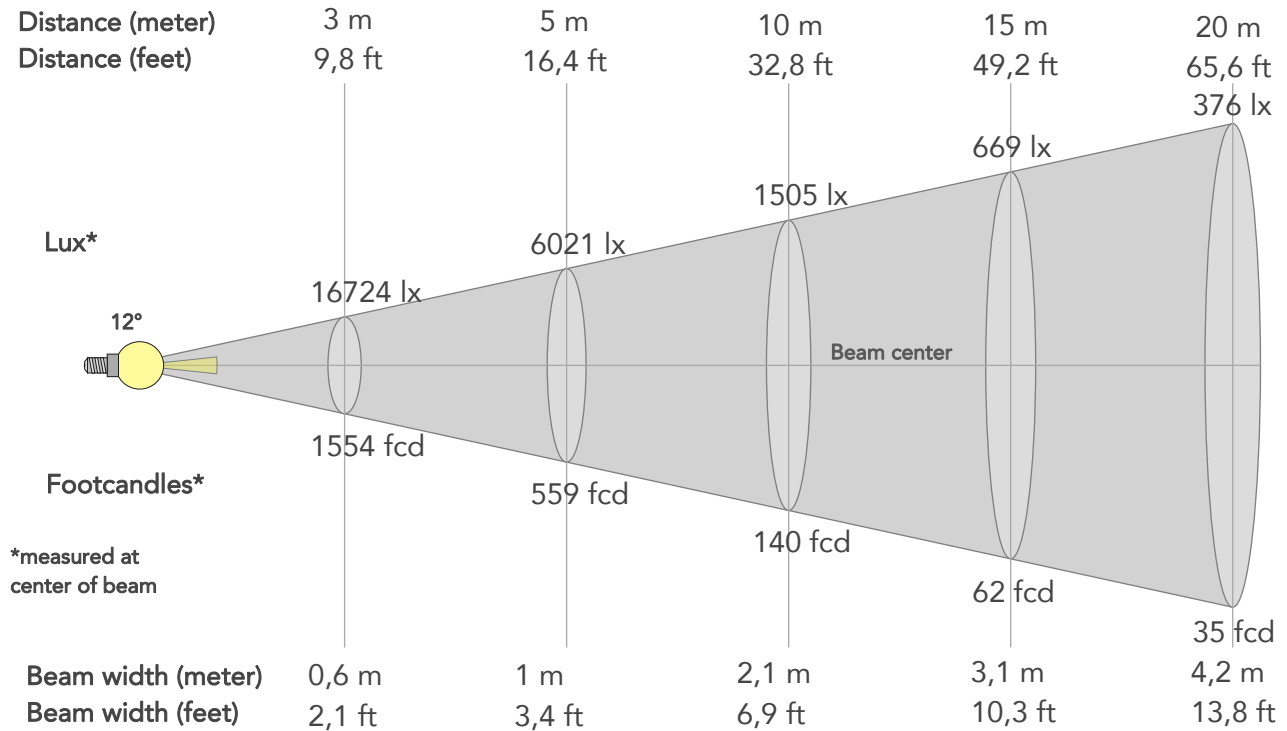
Spectra



BEAM DETAILS



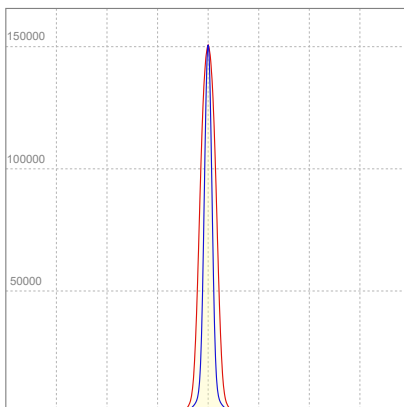
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12°	20,3°	28,5°	100,0%	100,0%



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	150518lx	37629lx	16724lx	9407lx	6021lx	2676lx	1505lx	669lx	376lx	241lx	167lx	94lx	60lx
Footcand.	13984fcd	3496fcd	1554fcd	874fcd	559fcd	249fcd	140fcd	62fcd	35fcd	22fcd	16fcd	9fcd	6fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,6m	2,1m	3,1m	4,2m	5,2m	6,3m	8,4m	10,5m
Beam wid.	0,7ft	1,4ft	2,1ft	2,8ft	3,4ft	5,2ft	6,9ft	10,3ft	13,8ft	17,2ft	20,7ft	27,6ft	34,4ft

LINEAR DISTRIBUTION DIAGRAM

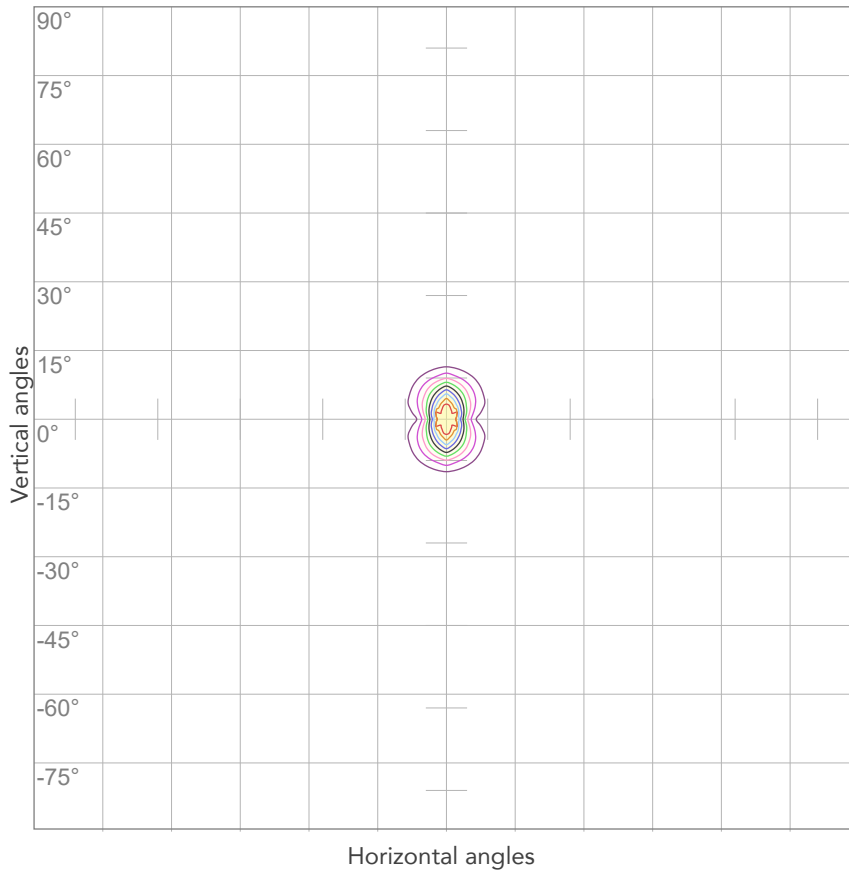


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	1,14A	253,4W	32lm/W

Power FC
0,99

ISO CANDELA DIAGRAM



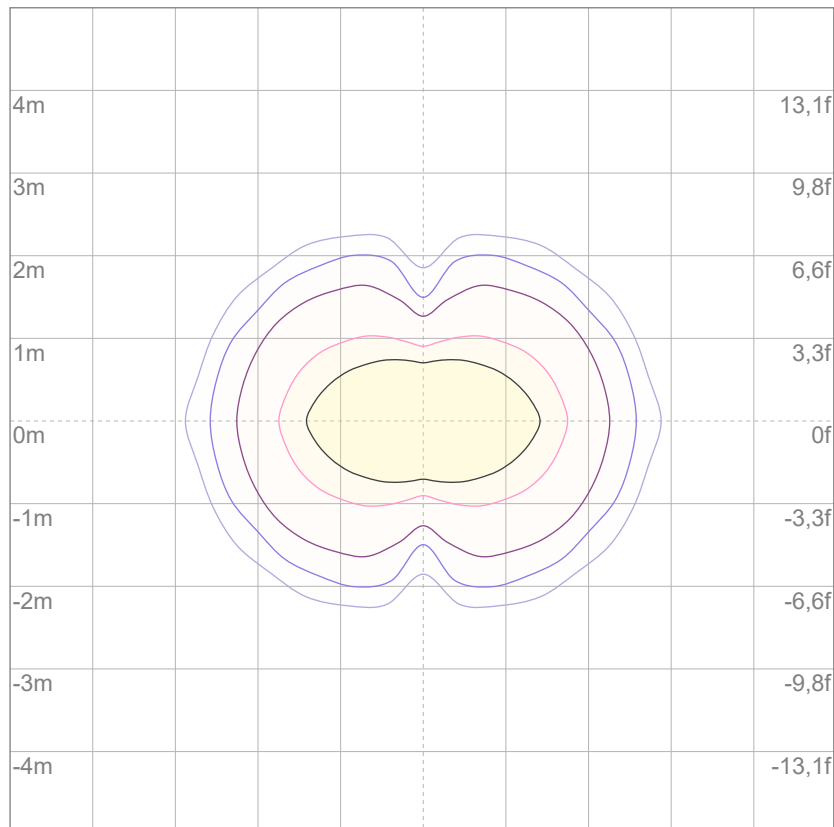
10%	15052 cd
20%	30104 cd
30%	45155 cd
40%	60207 cd
50%	75259 cd
60%	90311 cd
70%	105363 cd
80%	120414 cd

Conditions:

Number of c-planes: 4

Candela at center: 150518 cd

ISO LUX DIAGRAM



3%	45,2 lx
5%	75,3 lx
10%	151 lx
30%	452 lx
50%	753 lx

Conditions:

Number of c-planes: 4

Lux at center: 1505 lx

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

Total lumen output:

7057 lm

Peak candela output:

117601 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + Smooth 5° Filter

Target:

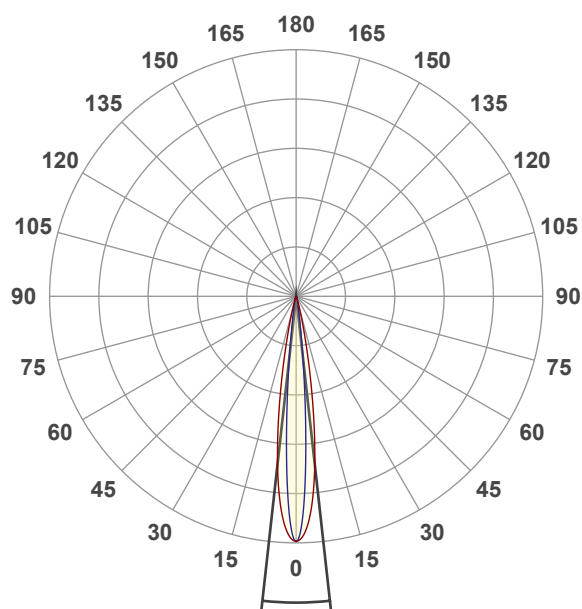
Full On

Operator:

Paolo Carvone

Date and time:

16/09/2022 12:55:25

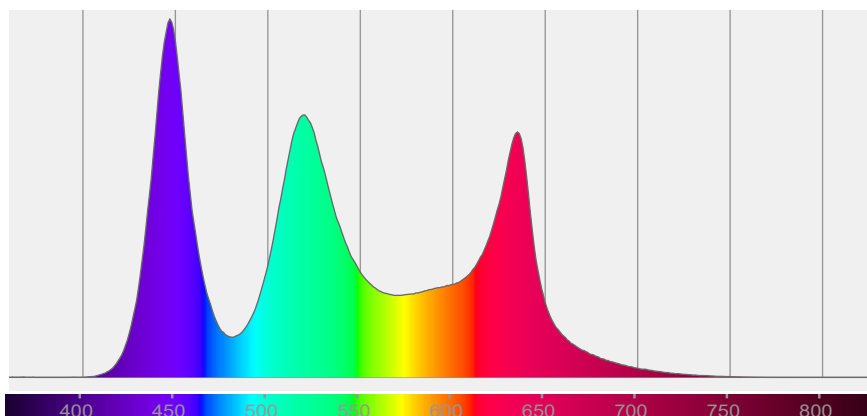


Beam angle 50%: 12,6°

Field angle 10%: 22,1°

Cut off angle 2.5%: 31,5°

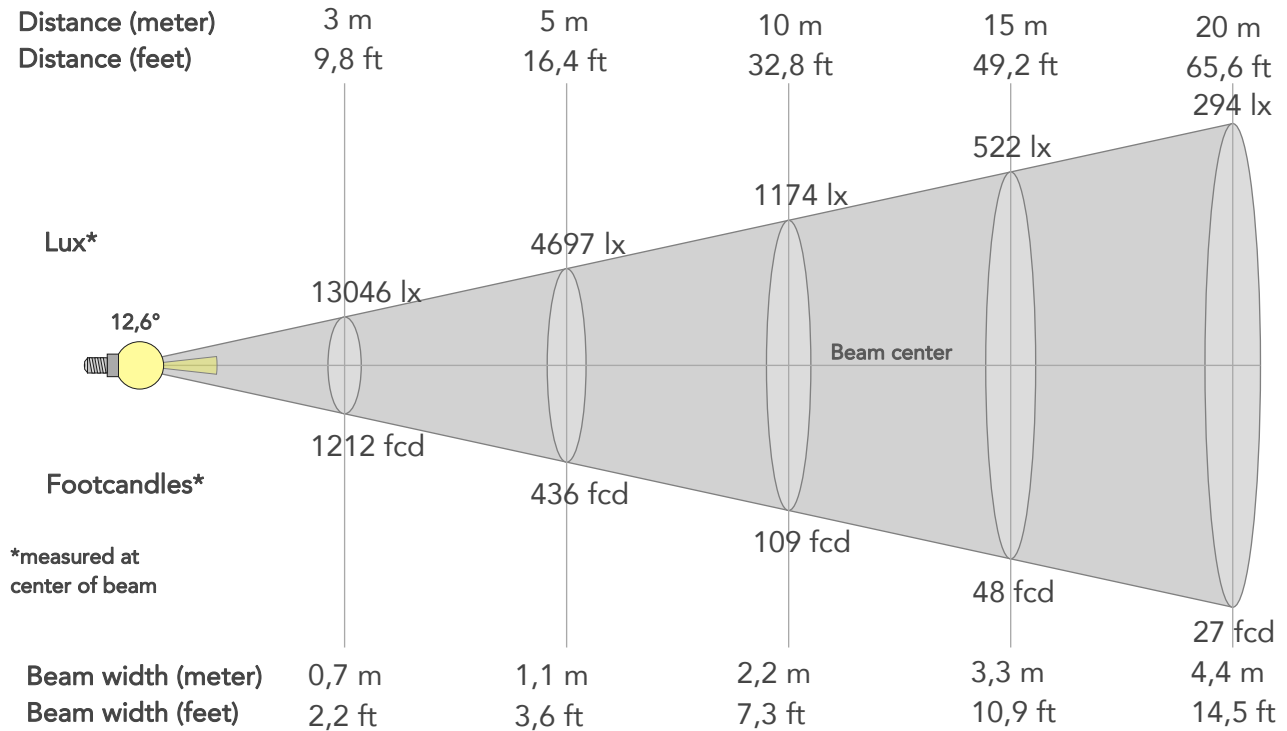
Spectra



BEAM DETAILS



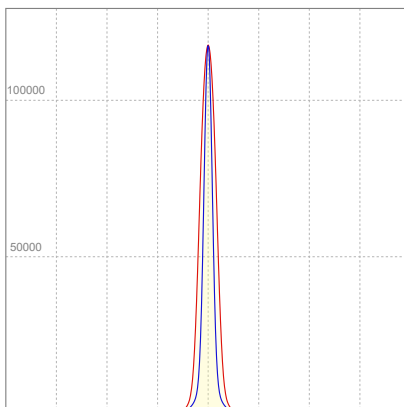
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,6°	22,1°	31,5°	100,0%	100,0%



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	117413lx	29353lx	13046lx	7338lx	4697lx	2087lx	1174lx	522lx	294lx	188lx	130lx	73lx	47lx
Footcand.	10908fcd	2727fcd	1212fcd	682fcd	436fcd	194fcd	109fcd	48fcd	27fcd	17fcd	12fcd	7fcd	4fcd
Beam wid.	0,2m	0,4m	0,7m	0,9m	1,1m	1,7m	2,2m	3,3m	4,4m	5,5m	6,7m	8,9m	11,1m
Beam wid.	0,7ft	1,5ft	2,2ft	2,9ft	3,6ft	5,5ft	7,3ft	10,9ft	14,5ft	18,2ft	21,8ft	29,1ft	36,4ft

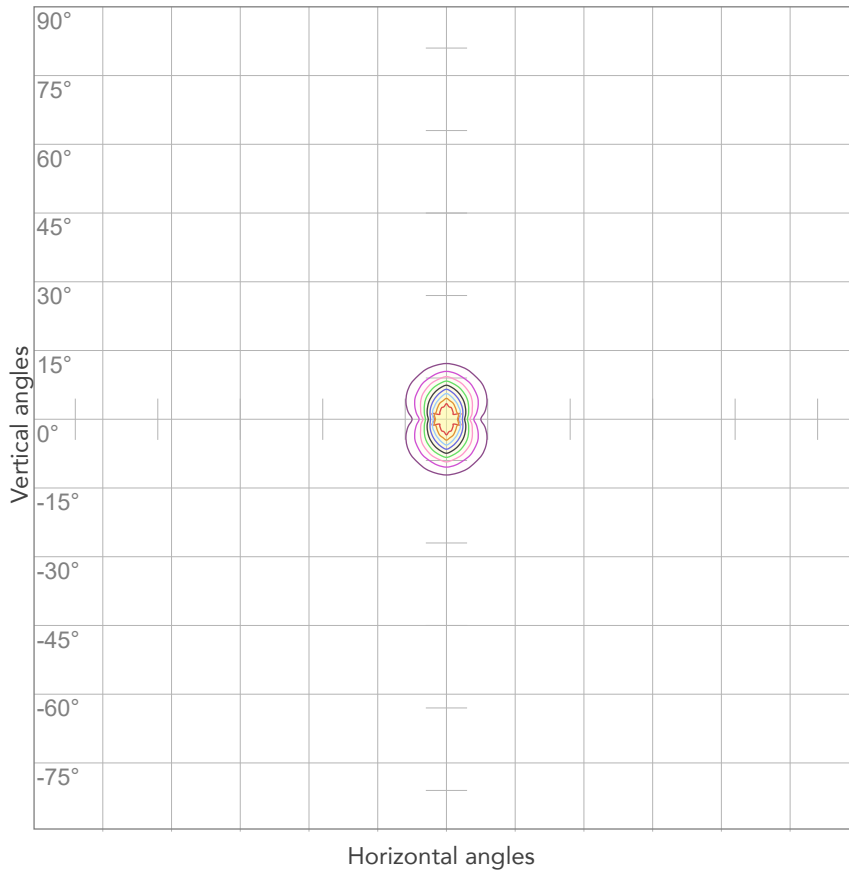
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
222V	1,16A	253,7W	28lm/W
Power FC			
0,99			

ISO CANDELA DIAGRAM



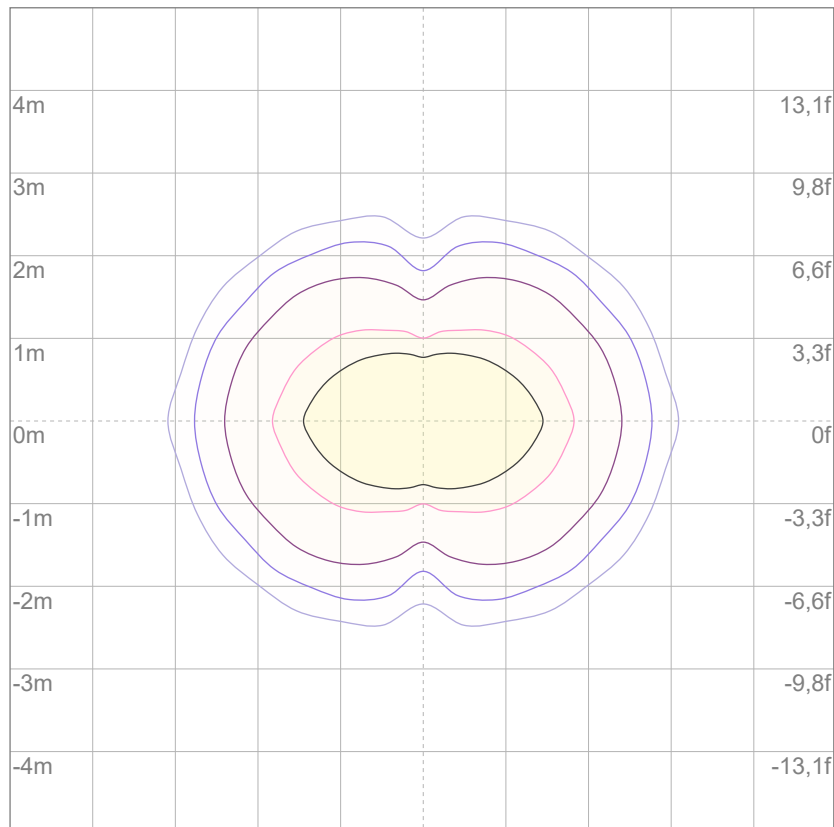
10%	11741 cd
20%	23483 cd
30%	35224 cd
40%	46965 cd
50%	58707 cd
60%	70448 cd
70%	82189 cd
80%	93931 cd

Conditions:

Number of c-planes: 4

Candela at center: 117413 cd

ISO LUX DIAGRAM



3%	35,2 lx
5%	58,7 lx
10%	117 lx
30%	352 lx
50%	587 lx

Conditions:

Number of c-planes: 4

Lux at center: 1174 lx

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

Total lumen output:

6945 lm

Peak candela output:

30558 cd



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 20° Filter

Target:

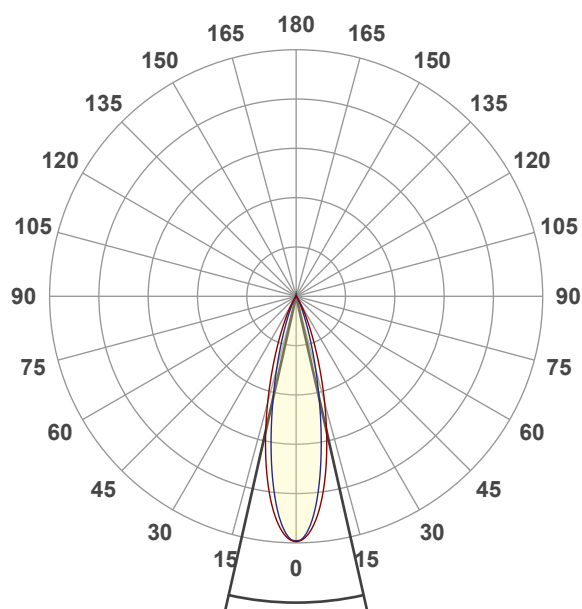
Full On

Operator:

Paolo Carvone

Date and time:

16/09/2022 13:17:47

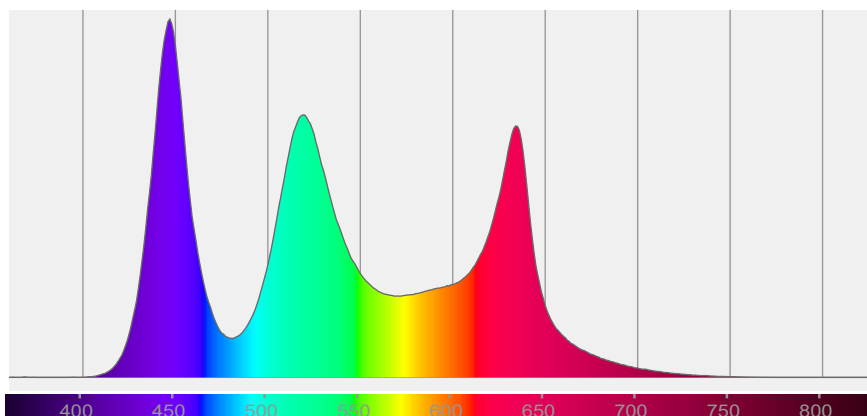


Beam angle 50%: 25,4°

Field angle 10%: 46,7°

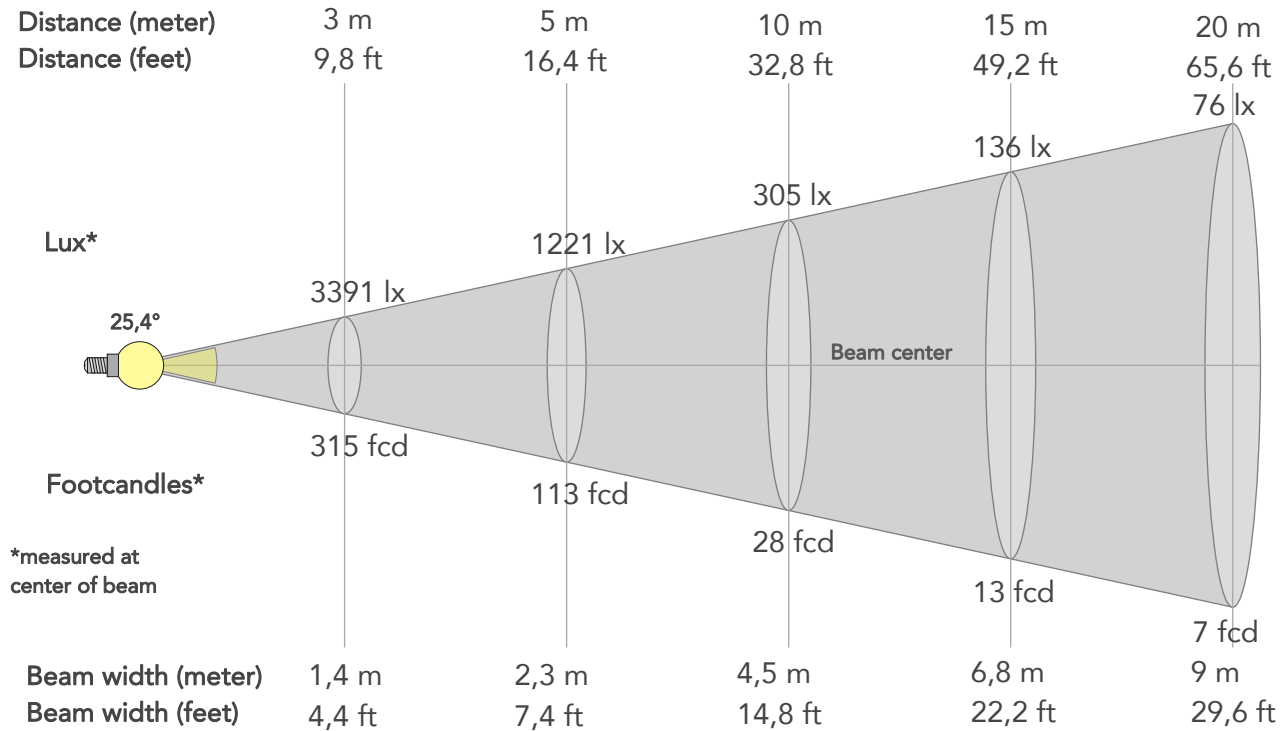
Cut off angle 2.5%: 60,4°

Spectra



BEAM DETAILS

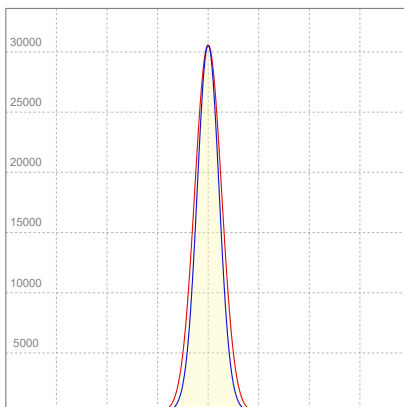
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25,4°	46,7°	60,4°	100,0%	99,8%



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	30518lx	7630lx	3391lx	1907lx	1221lx	543lx	305lx	136lx	76lx	49lx	34lx	19lx	12lx
Footcand.	2835fcd	709fcd	315fcd	177fcd	113fcd	50fcd	28fcd	13fcd	7fcd	5fcd	3fcd	2fcd	1fcd
Beam wid.	0,5m	0,9m	1,4m	1,8m	2,3m	3,4m	4,5m	6,8m	9m	11,3m	13,5m	18,1m	22,6m
Beam wid.	1,5ft	3ft	4,4ft	5,9ft	7,4ft	11,1ft	14,8ft	22,2ft	29,6ft	37ft	44,4ft	59,3ft	74,1ft

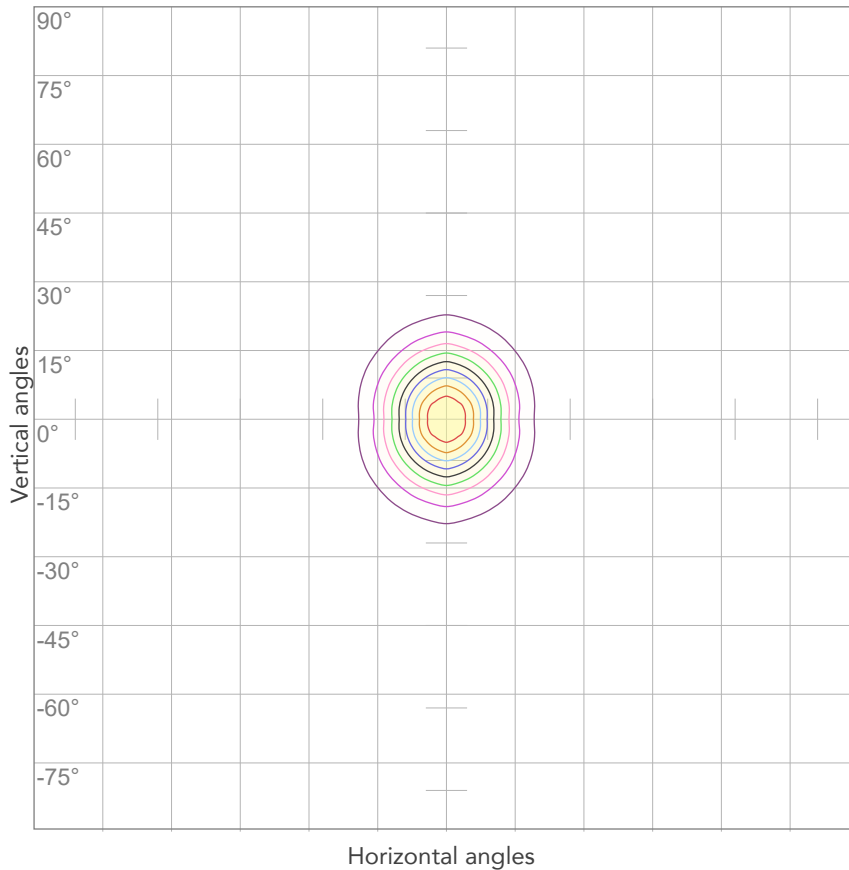
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	1,16A	255,5W	27lm/W
Power FC			
0,99			

ISO CANDELA DIAGRAM



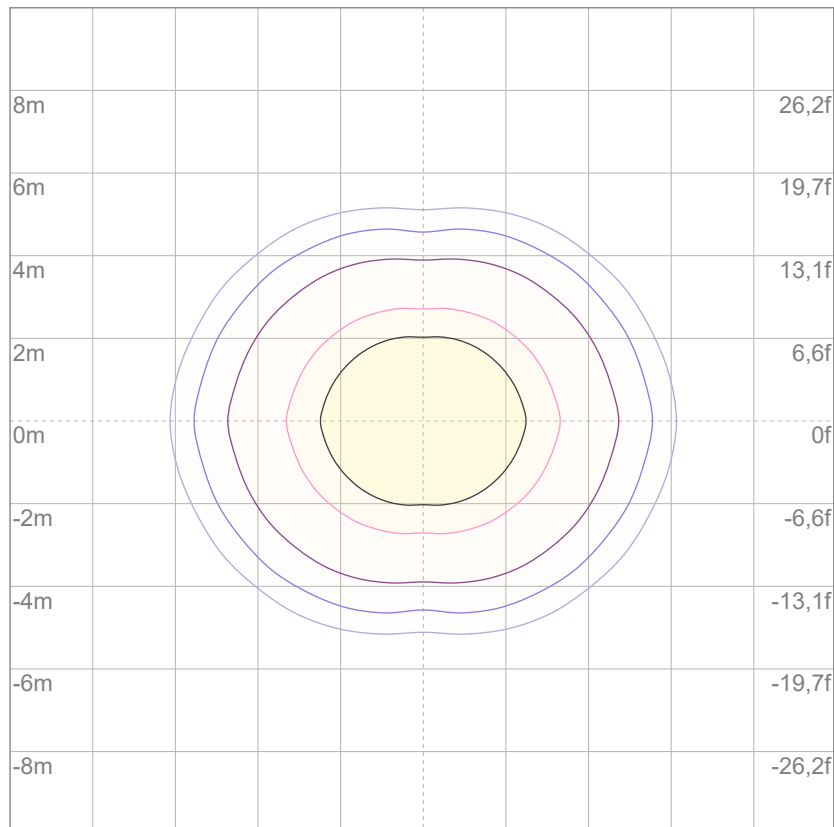
10%	3052 cd
20%	6104 cd
30%	9156 cd
40%	12207 cd
50%	15259 cd
60%	18311 cd
70%	21363 cd
80%	24415 cd

Conditions:

Number of c-planes: 4

Candela at center: 30518 cd

ISO LUX DIAGRAM



3%	9,16 lx
5%	15,3 lx
10%	30,5 lx
30%	91,6 lx
50%	153 lx

Conditions:

Number of c-planes: 4

Lux at center: 305 lx

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

Total lumen output:

7170 lm

Peak candela output:

10807 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 40° Filter

Target:

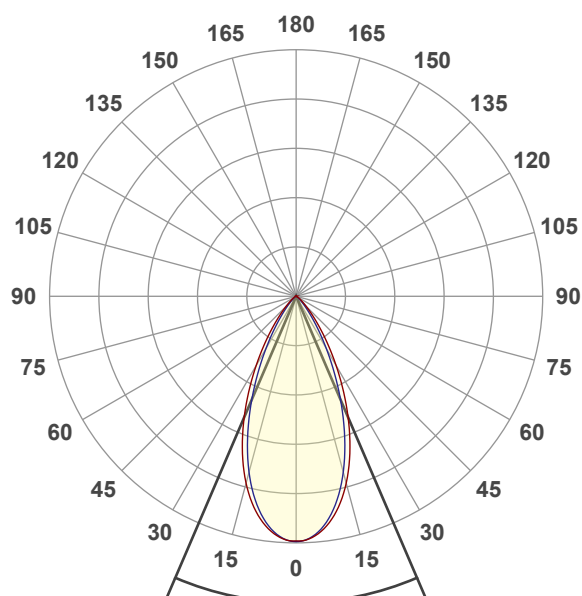
Full On

Operator:

Paolo Carvone

Date and time:

16/09/2022 13:28:18

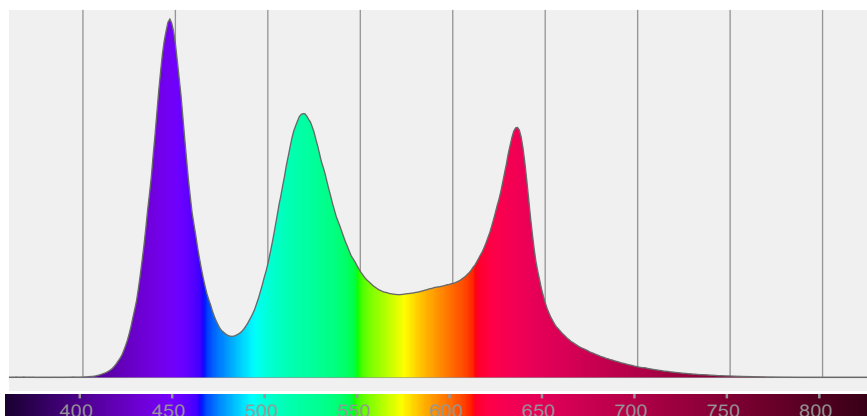


Beam angle 50%: 46,5°

Field angle 10%: 78,1°

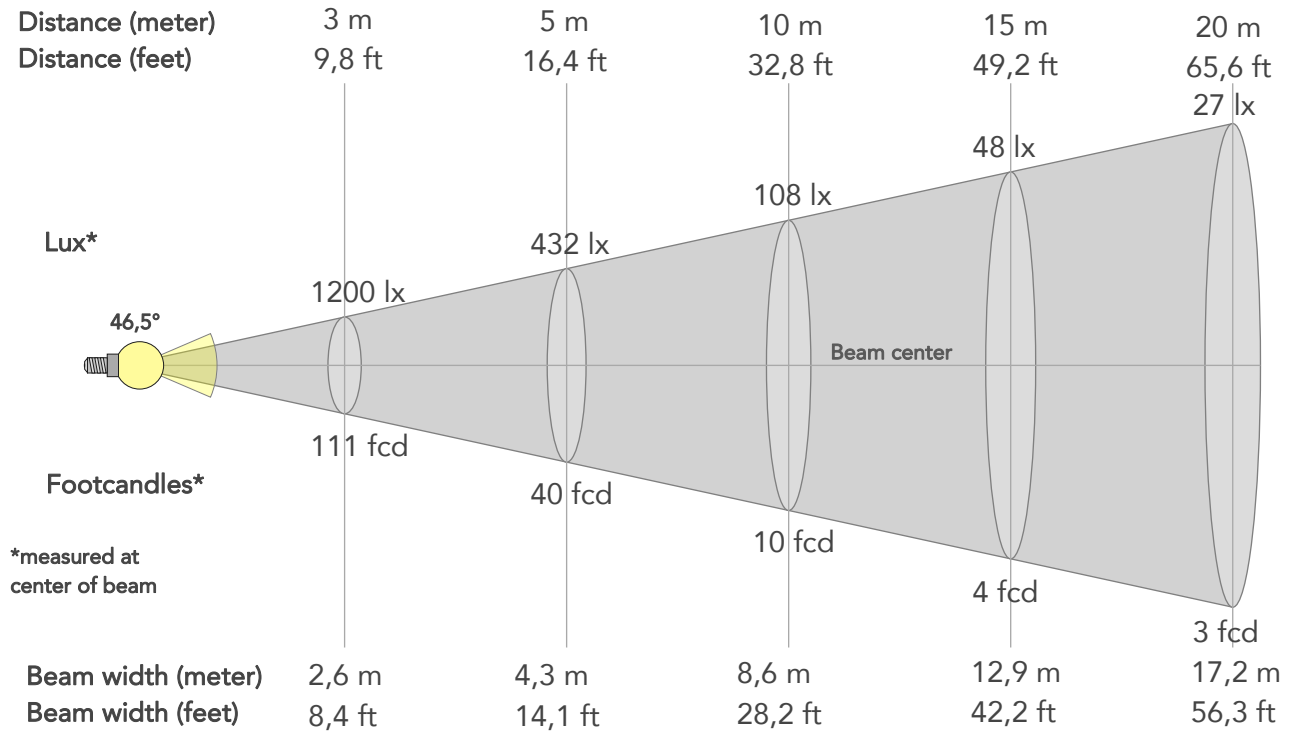
Cut off angle 2.5%: 98,8°

Spectra



BEAM DETAILS

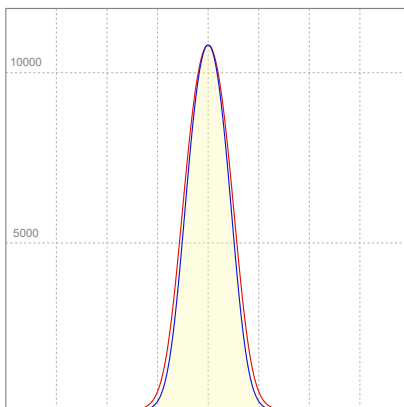
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,5°	78,1°	98,8°	99,2%	95,3%



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	10797lx	2699lx	1200lx	675lx	432lx	192lx	108lx	48lx	27lx	17lx	12lx	7lx	4lx
Footcand.	1003fcd	251fcd	111fcd	63fcd	40fcd	18fcd	10fcd	4fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,6m	12,9m	17,2m	21,5m	25,8m	34,3m	42,9m
Beam wid.	2,8ft	5,7ft	8,4ft	11,2ft	14,1ft	21,1ft	28,2ft	42,2ft	56,3ft	70,4ft	84,5ft	112,7ft	140,8ft

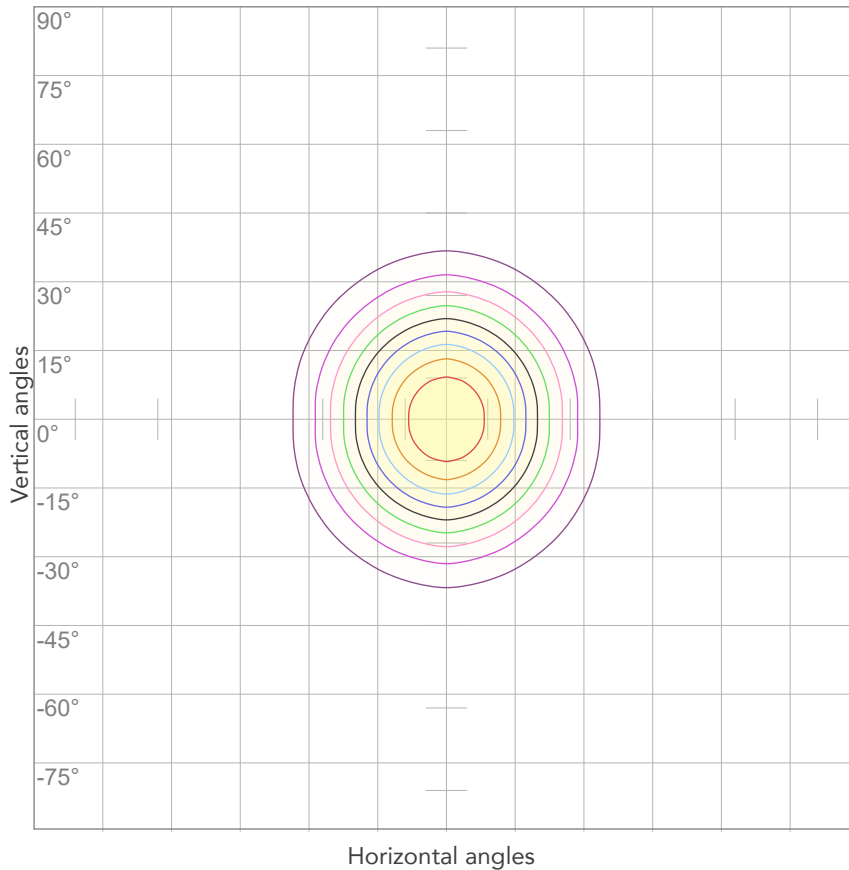
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	1,15A	254,6W	28lm/W
Power FC			
0,99			

ISO CANDELA DIAGRAM



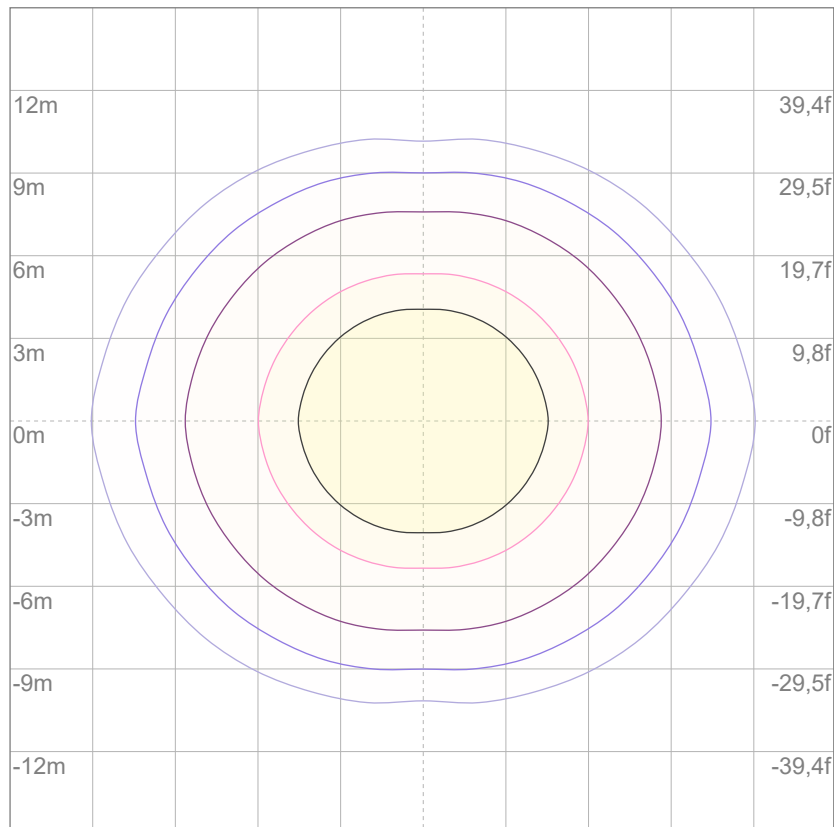
10%	1080 cd
20%	2159 cd
30%	3239 cd
40%	4319 cd
50%	5399 cd
60%	6478 cd
70%	7558 cd
80%	8638 cd

Conditions:

Number of c-planes: 4

Candela at center: 10797 cd

ISO LUX DIAGRAM



3%	3,24 lx
5%	5,40 lx
10%	10,8 lx
30%	32,4 lx
50%	54,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 108 lx

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

Total lumen output:

7135 lm

Peak candela output:

7710 cd



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 60° Filter

Target:

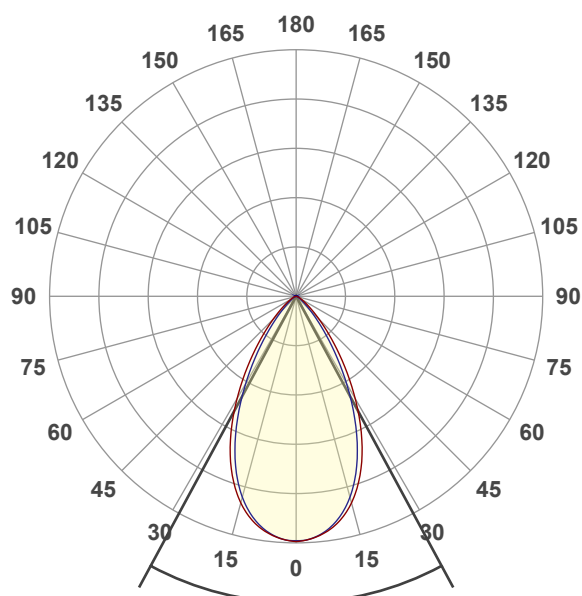
Full On

Operator:

Paolo Carvone

Date and time:

16/09/2022 13:32:02

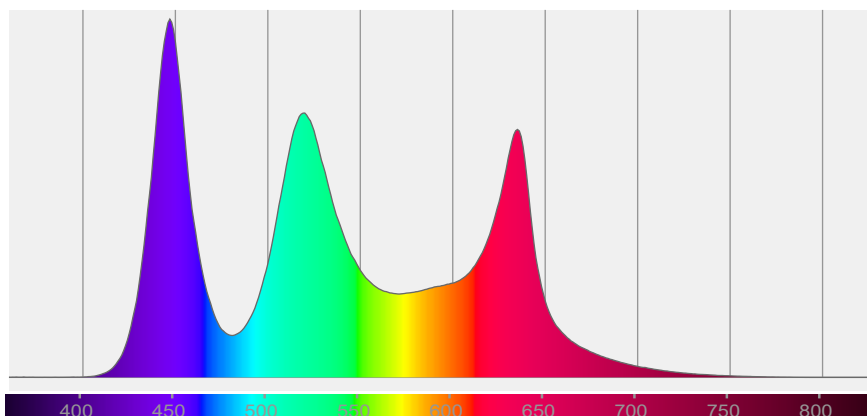


Beam angle 50%: 56,7°

Field angle 10%: 91,1°

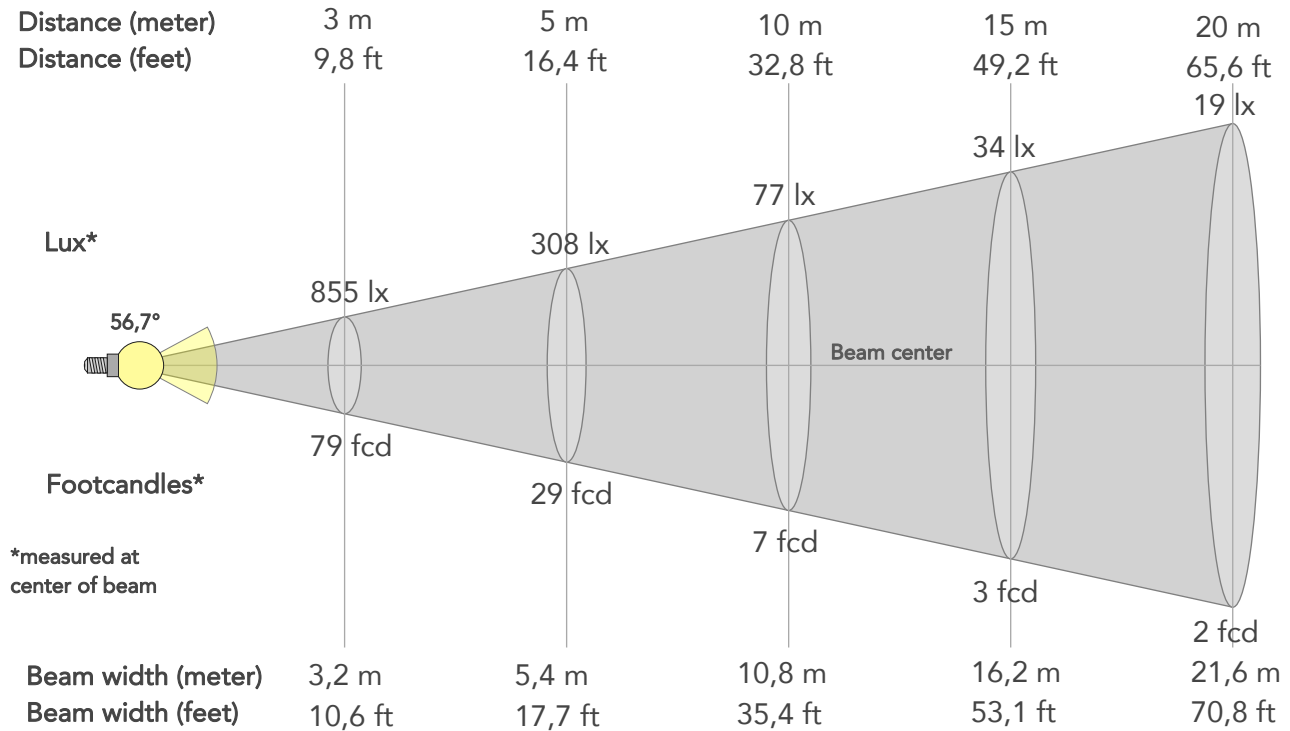
Cut off angle 2.5%: 114,4°

Spectra



BEAM DETAILS

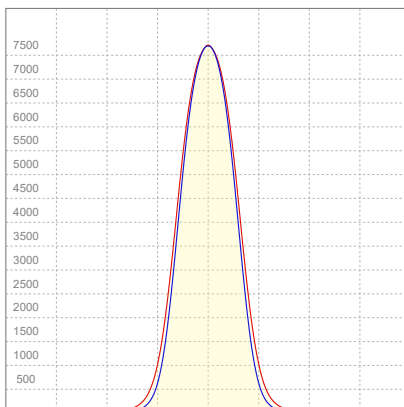
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
56,7°	91,1°	114,4°	98,5%	91,6%



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	7698lx	1924lx	855lx	481lx	308lx	137lx	77lx	34lx	19lx	12lx	9lx	5lx	3lx
Footcand.	715fcd	179fcd	79fcd	45fcd	29fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	1,1m	2,2m	3,2m	4,3m	5,4m	8,1m	10,8m	16,2m	21,6m	27m	32,4m	43,2m	54m
Beam wid.	3,6ft	7,1ft	10,6ft	14,1ft	17,7ft	26,5ft	35,4ft	53,1ft	70,8ft	88,5ft	106,2ft	141,6ft	177ft

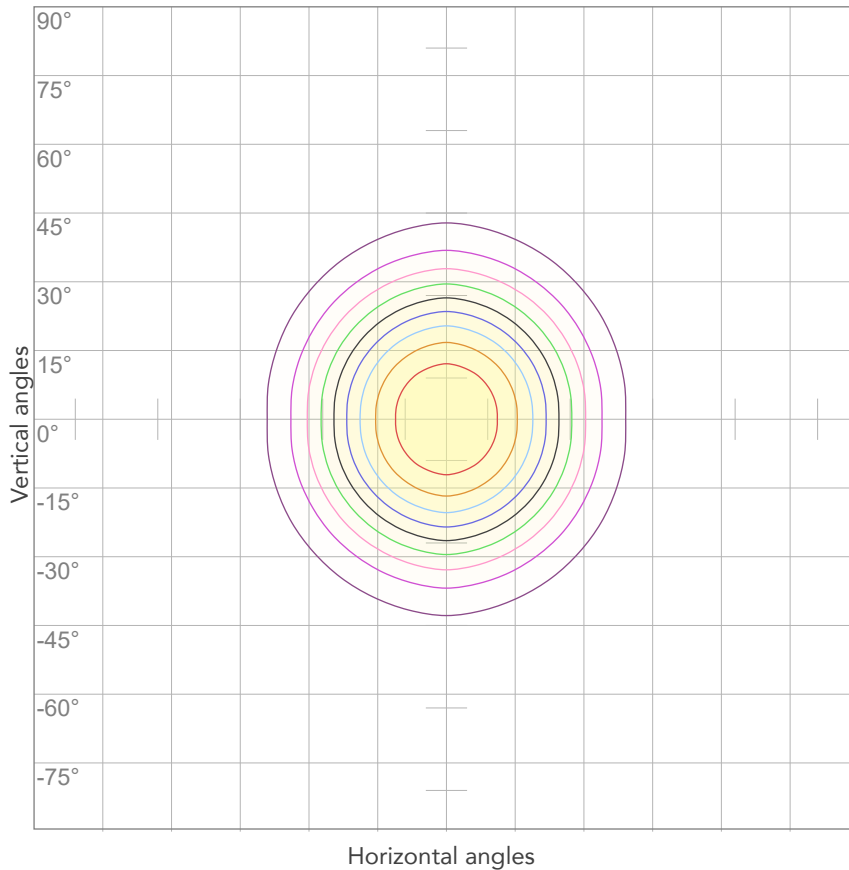
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	1,14A	252,8W	28lm/W
Power FC			
0,99			

ISO CANDELA DIAGRAM



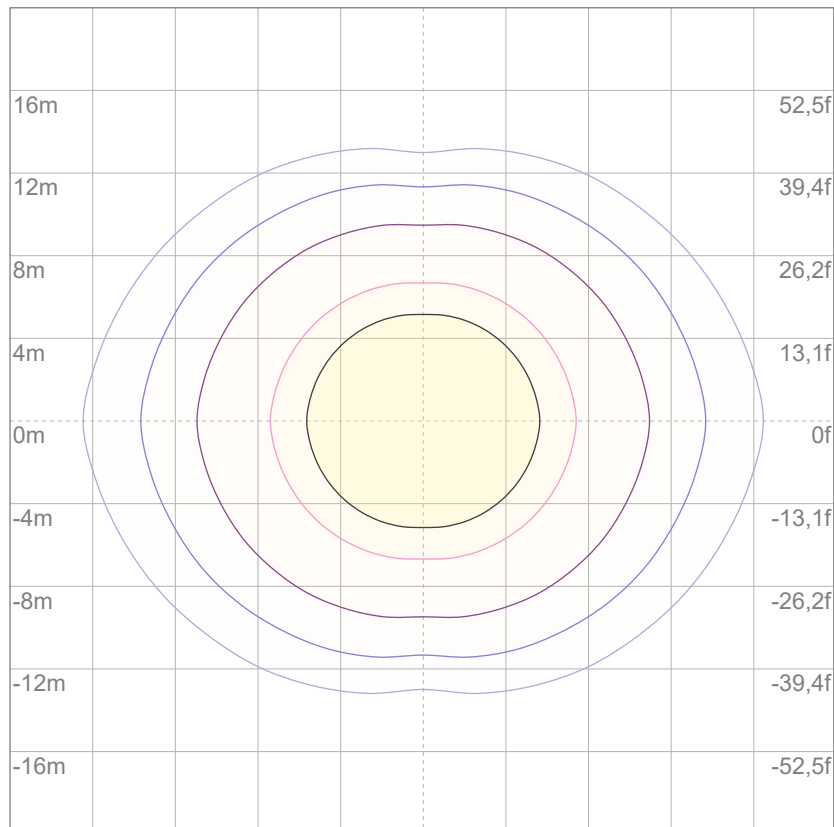
10%	770 cd
20%	1540 cd
30%	2309 cd
40%	3079 cd
50%	3849 cd
60%	4619 cd
70%	5388 cd
80%	6158 cd

Conditions:

Number of c-planes: 4

Candela at center: 7698 cd

ISO LUX DIAGRAM



3%	2,31 lx
5%	3,85 lx
10%	7,70 lx
30%	23,1 lx
50%	38,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 77,0 lx

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

Total lumen output:

1645 lm

Peak candela output:

27205 cd



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic No. Filter

Target:

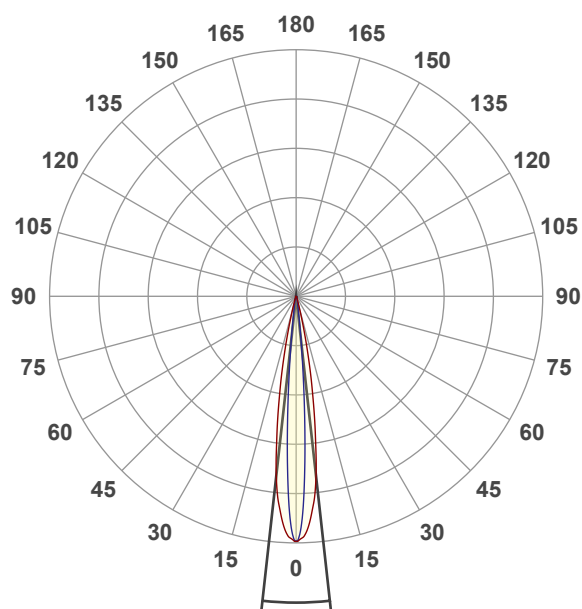
Red

Operator:

Paolo Carvone

Date and time:

16/09/2022 15:17:51

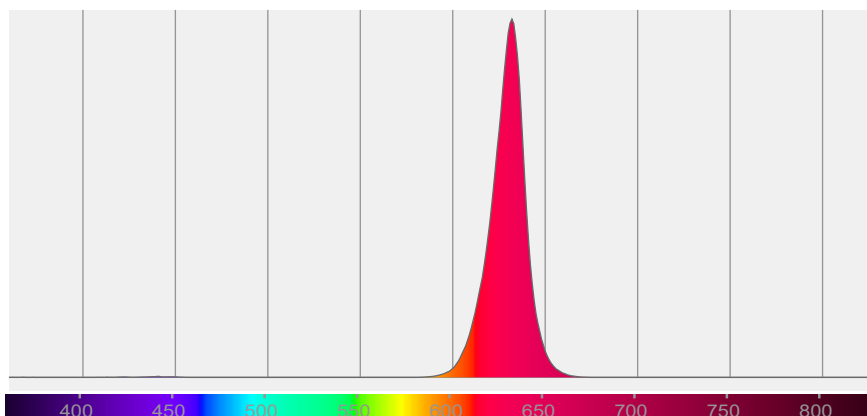


Beam angle 50%: 12,6°

Field angle 10%: 21,2°

Cut off angle 2.5%: 30,3°

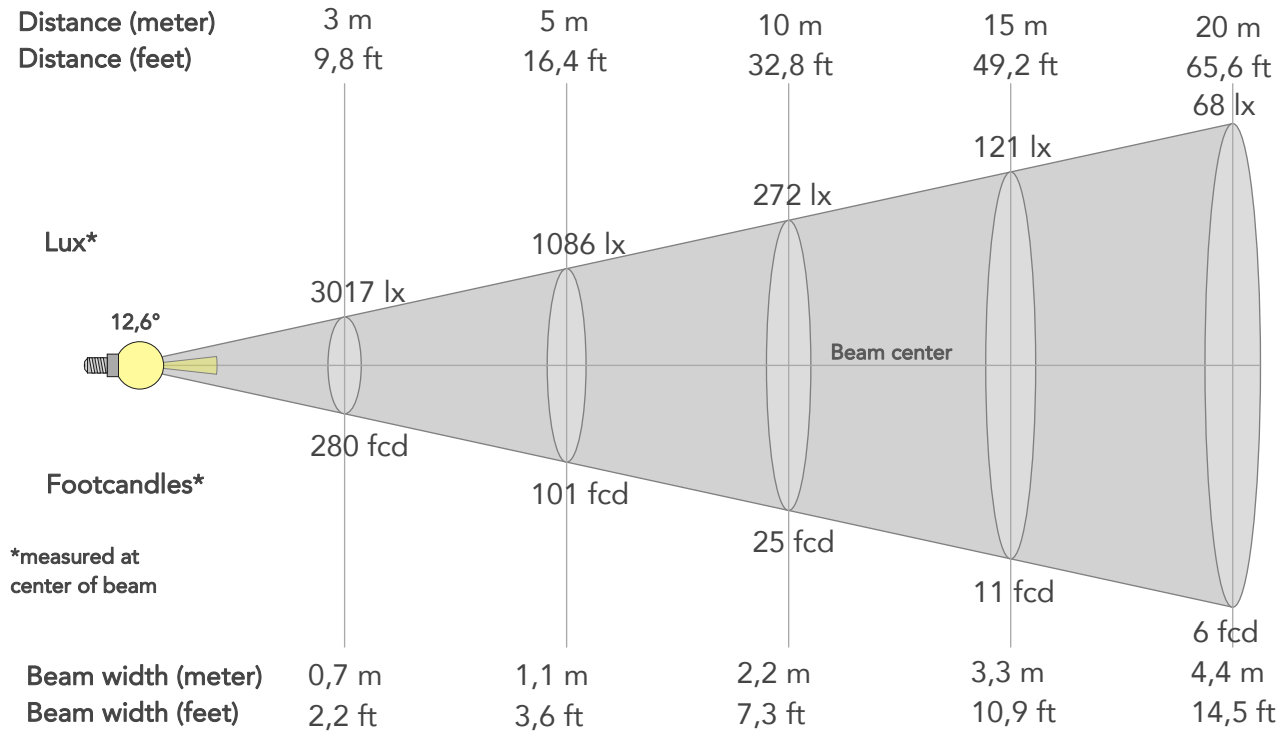
Spectra



BEAM DETAILS



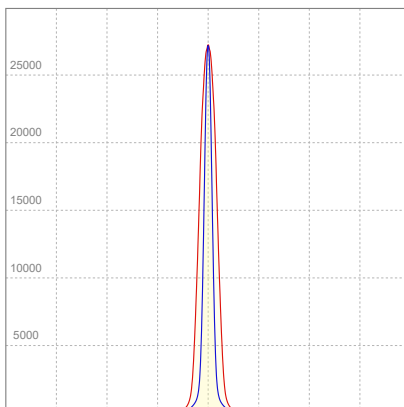
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,6°	21,2°	30,3°	100,0%	100,0%



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	27155lx	6789lx	3017lx	1697lx	1086lx	483lx	272lx	121lx	68lx	43lx	30lx	17lx	11lx
Footcand.	2523fcd	631fcd	280fcd	158fcd	101fcd	45fcd	25fcd	11fcd	6fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,2m	0,4m	0,7m	0,9m	1,1m	1,7m	2,2m	3,3m	4,4m	5,5m	6,6m	8,9m	11,1m
Beam wid.	0,7ft	1,5ft	2,2ft	2,9ft	3,6ft	5,4ft	7,3ft	10,9ft	14,5ft	18,1ft	21,8ft	29ft	36,3ft

LINEAR DISTRIBUTION DIAGRAM

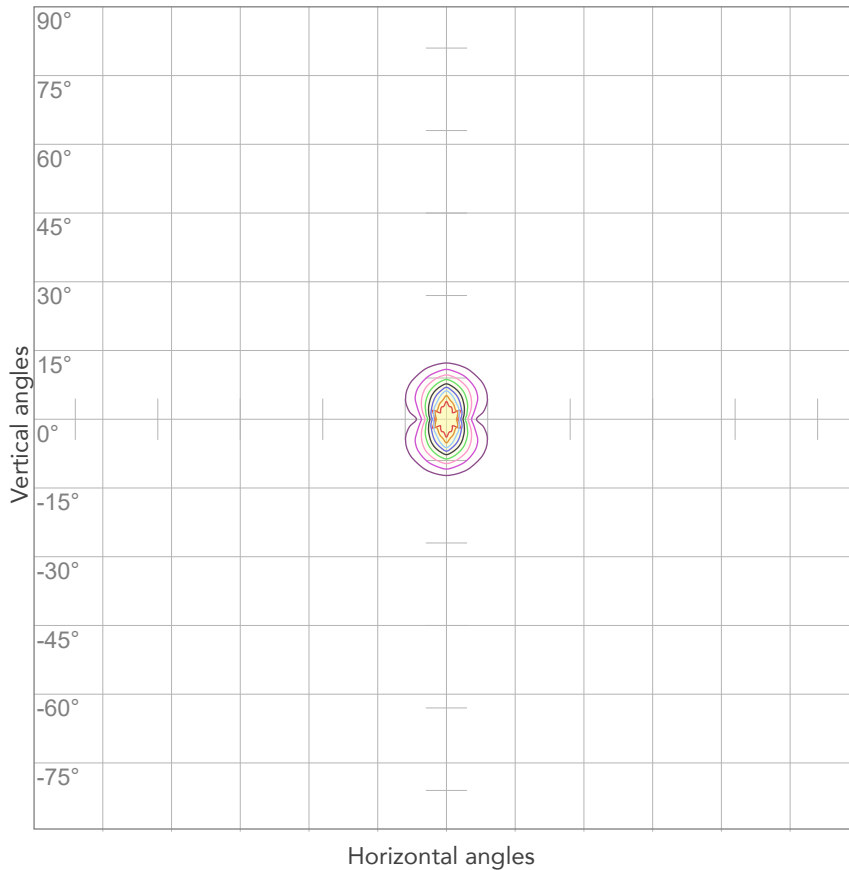


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,417A	86,8W	19lm/W

Power FC
0,92

ISO CANDELA DIAGRAM



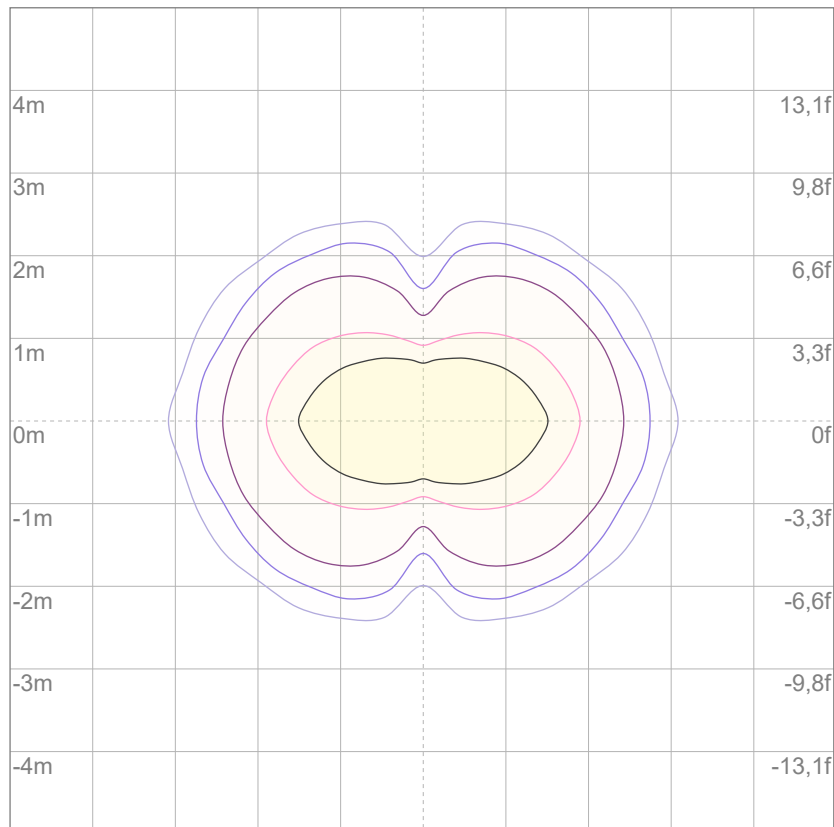
10%	2716 cd
20%	5431 cd
30%	8147 cd
40%	10862 cd
50%	13578 cd
60%	16293 cd
70%	19009 cd
80%	21724 cd

Conditions:

Number of c-planes: 4

Candela at center: 27155 cd

ISO LUX DIAGRAM



3%	8,15 lx
5%	13,6 lx
10%	27,2 lx
30%	81,5 lx
50%	136 lx

Conditions:

Number of c-planes: 4

Lux at center: 272 lx

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

Total lumen output:

1454 lm

Peak candela output:

21353 cd



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + Smooth 5° Filter

Target:

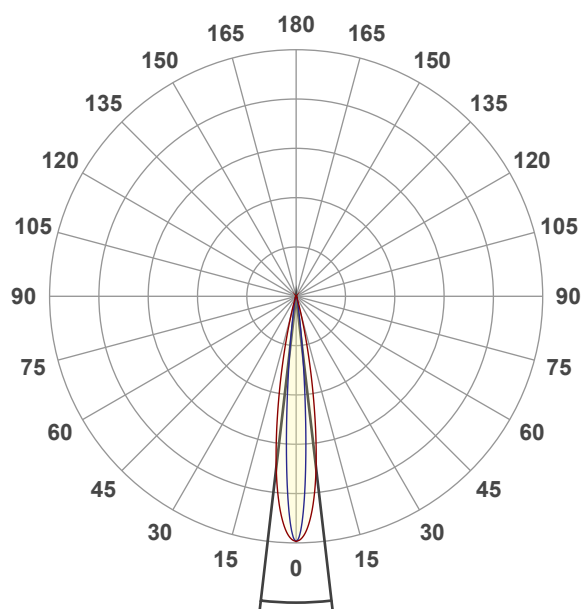
Red

Operator:

Paolo Carvone

Date and time:

16/09/2022 15:21:41

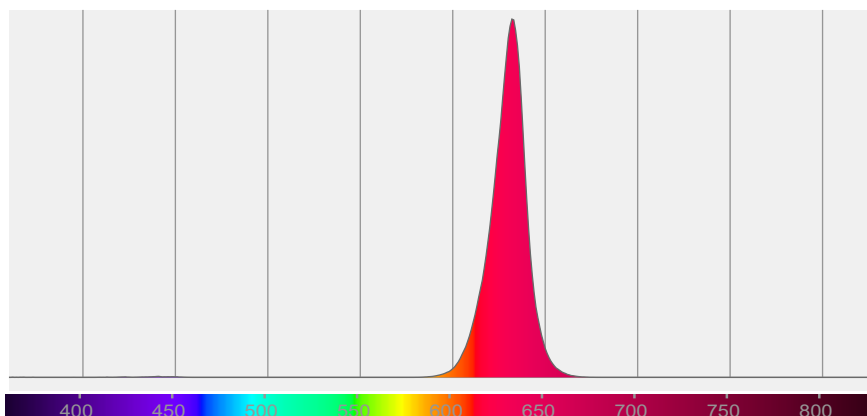


Beam angle 50%: 13,2°

Field angle 10%: 23,1°

Cut off angle 2.5%: 33,4°

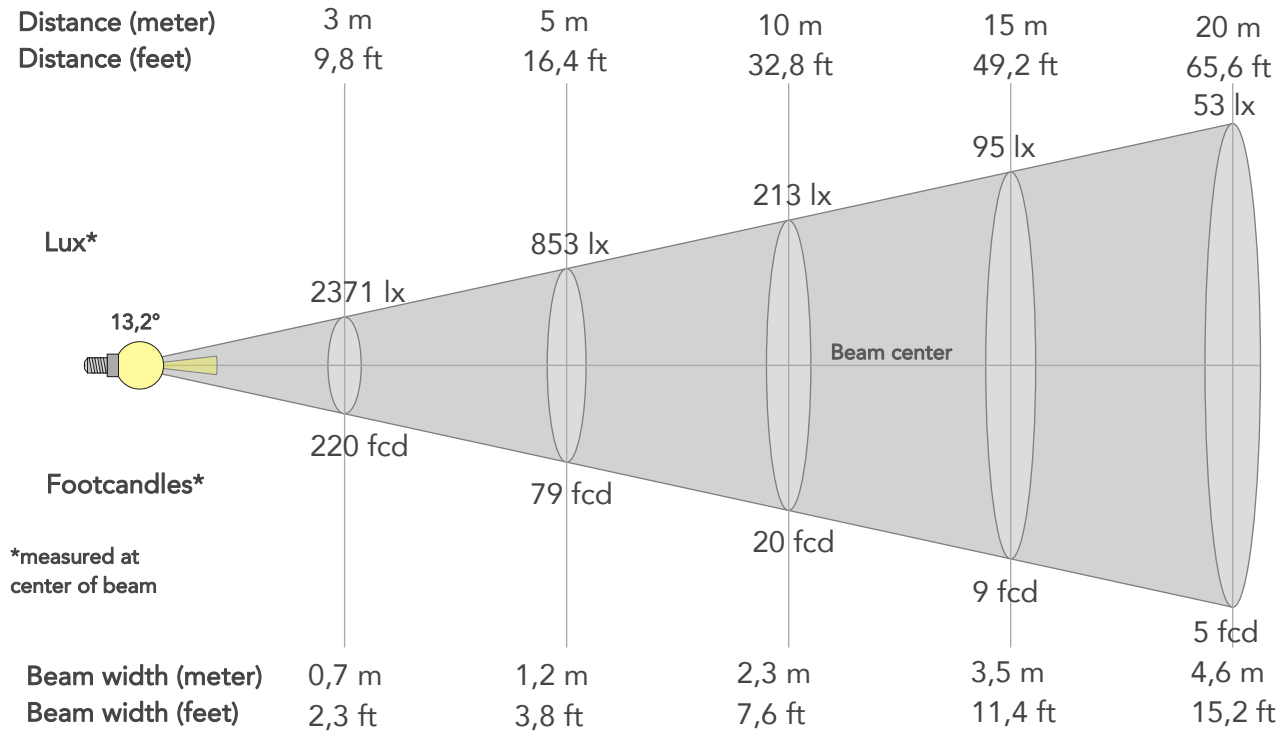
Spectra



BEAM DETAILS



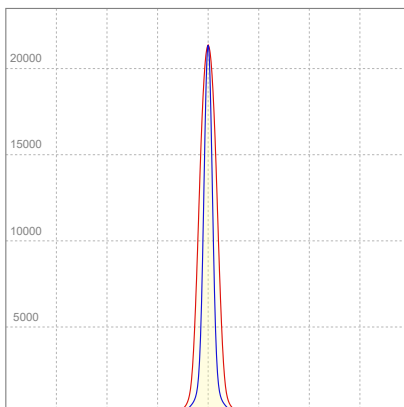
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,2°	23,1°	33,4°	100,0%	100,0%



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	21335lx	5334lx	2371lx	1333lx	853lx	379lx	213lx	95lx	53lx	34lx	24lx	13lx	9lx
Footcand.	1982fcd	496fcd	220fcd	124fcd	79fcd	35fcd	20fcd	9fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,2m	0,5m	0,7m	0,9m	1,2m	1,7m	2,3m	3,5m	4,6m	5,8m	7m	9,3m	11,6m
Beam wid.	0,8ft	1,5ft	2,3ft	3ft	3,8ft	5,7ft	7,6ft	11,4ft	15,2ft	19ft	22,9ft	30,5ft	38,1ft

LINEAR DISTRIBUTION DIAGRAM

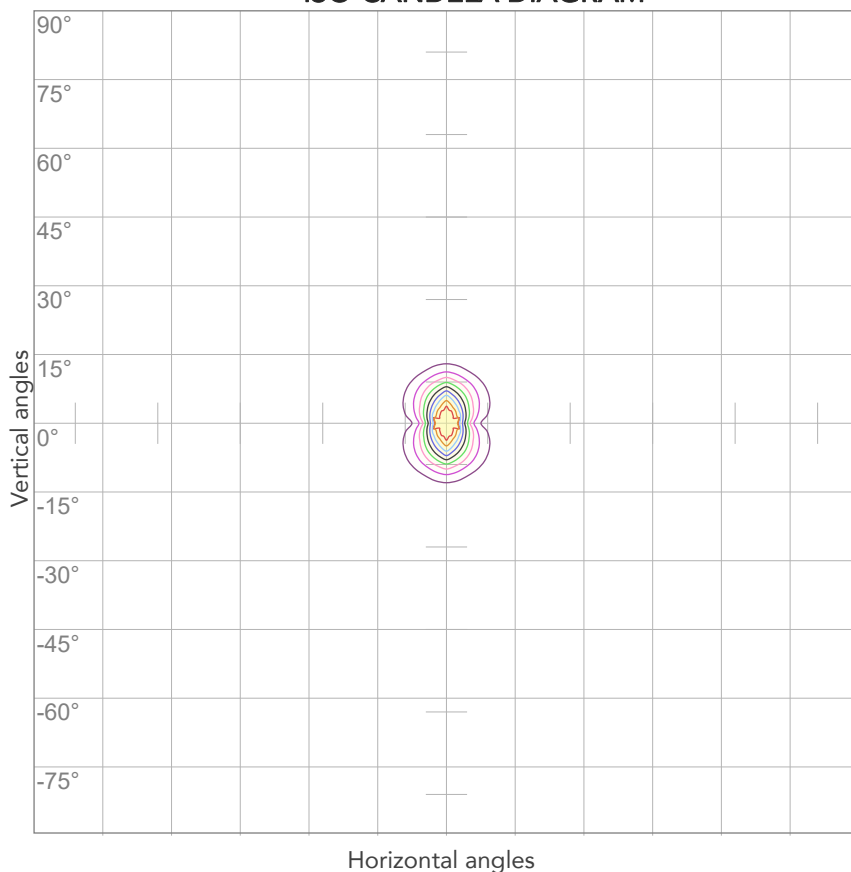


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	0,418A	86,3W	17lm/W

Power FC
0,92

ISO CANDELA DIAGRAM



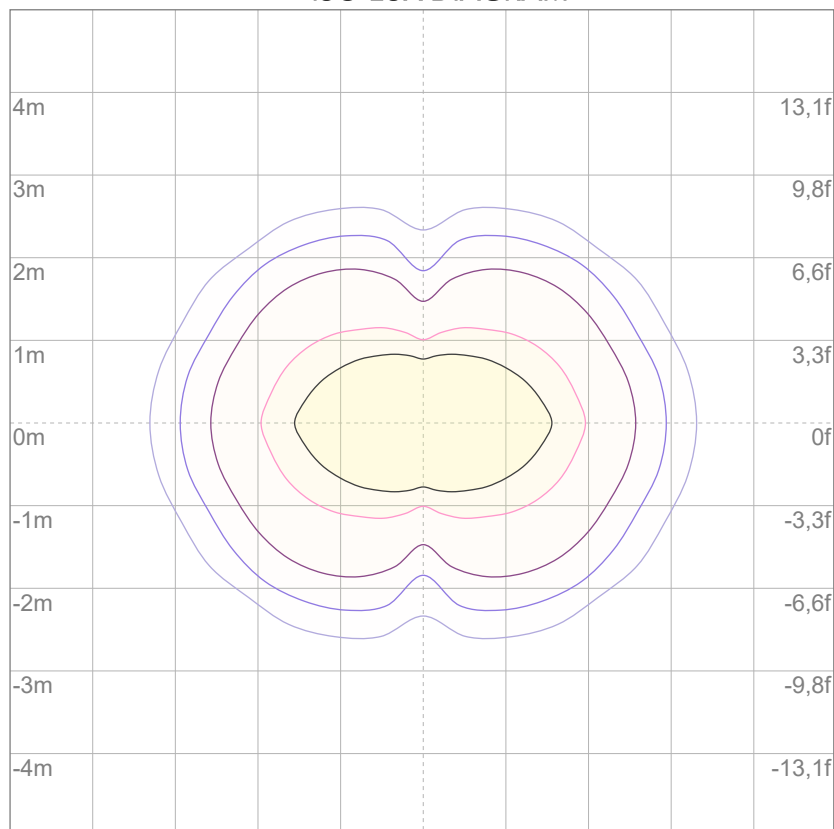
10%	2133 cd
20%	4267 cd
30%	6400 cd
40%	8534 cd
50%	10667 cd
60%	12801 cd
70%	14934 cd
80%	17068 cd

Conditions:

Number of c-planes: 4

Candela at center: 21335 cd

ISO LUX DIAGRAM



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

Conditions:

Number of c-planes: 4

Lux at center: 213 lx

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

Total lumen output:

1317 lm

Peak candela output:

5630 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 20° Filter

Target:

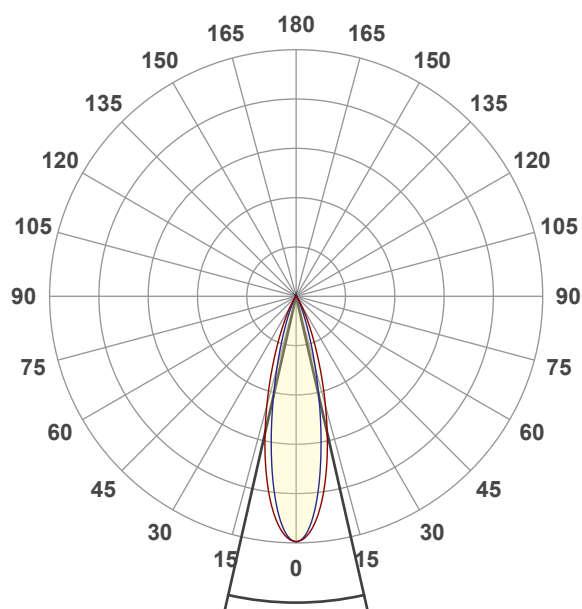
Red

Operator:

Paolo Carvone

Date and time:

16/09/2022 15:24:58

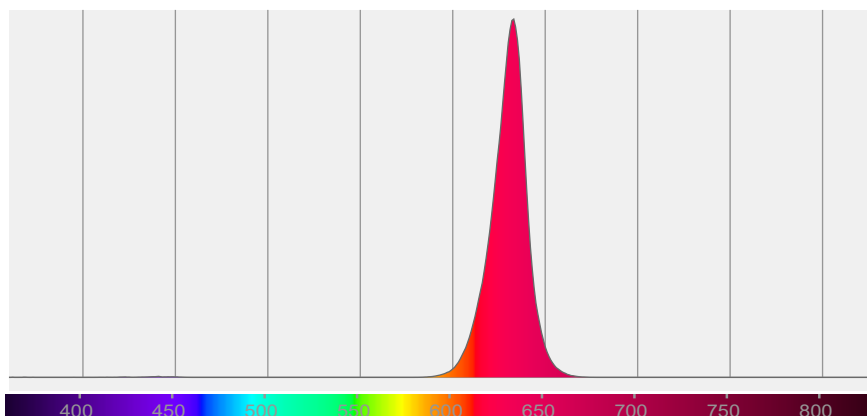


Beam angle 50%: 25,6°

Field angle 10%: 46,9°

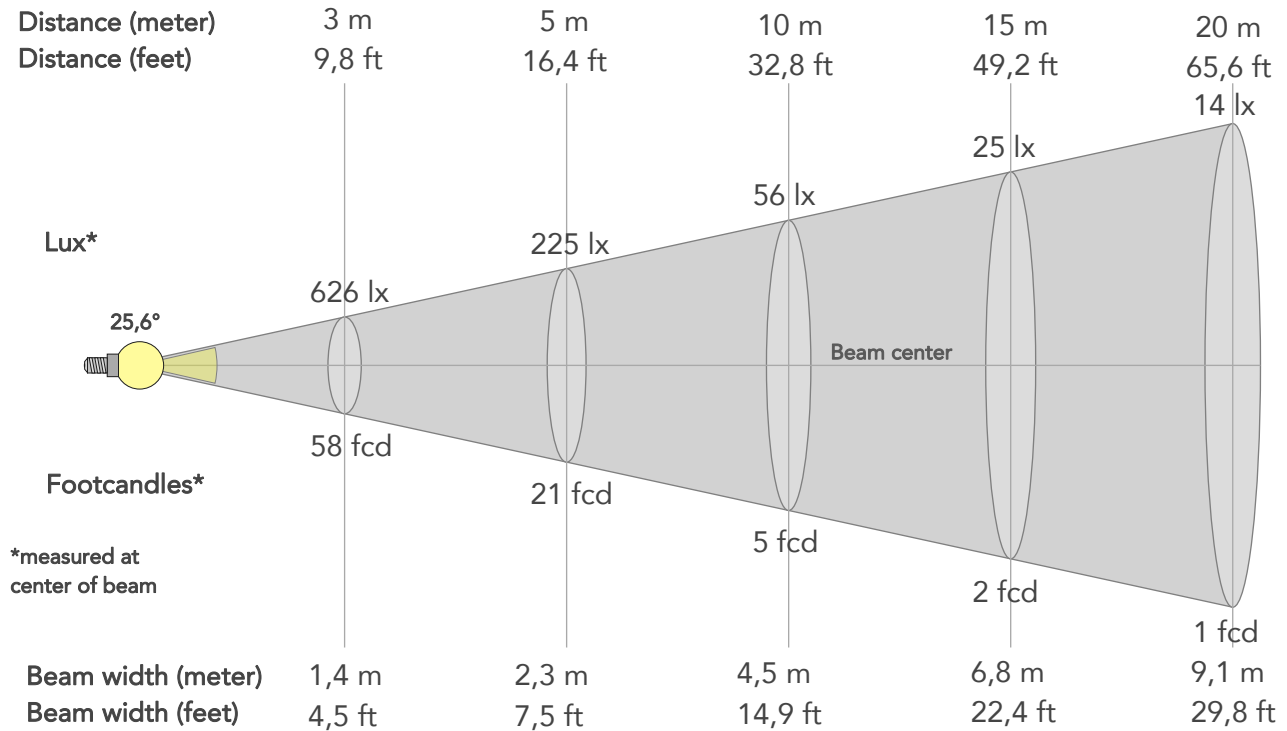
Cut off angle 2.5%: 61,4°

Spectra



BEAM DETAILS

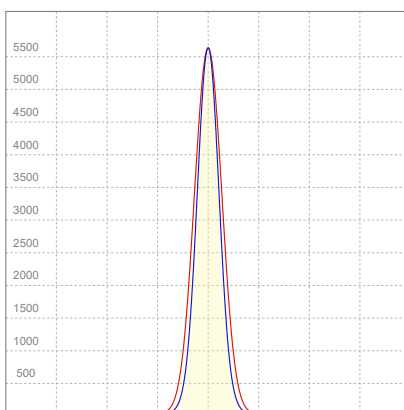
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25,6°	46,9°	61,4°	99,9%	99,3%



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	5630lx	1407lx	626lx	352lx	225lx	100lx	56lx	25lx	14lx	9lx	6lx	4lx	2lx
Footcand.	523fcd	131fcd	58fcd	33fcd	21fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,5m	0,9m	1,4m	1,8m	2,3m	3,4m	4,5m	6,8m	9,1m	11,4m	13,6m	18,2m	22,7m
Beam wid.	1,5ft	3ft	4,5ft	6ft	7,5ft	11,2ft	14,9ft	22,4ft	29,8ft	37,3ft	44,7ft	59,7ft	74,6ft

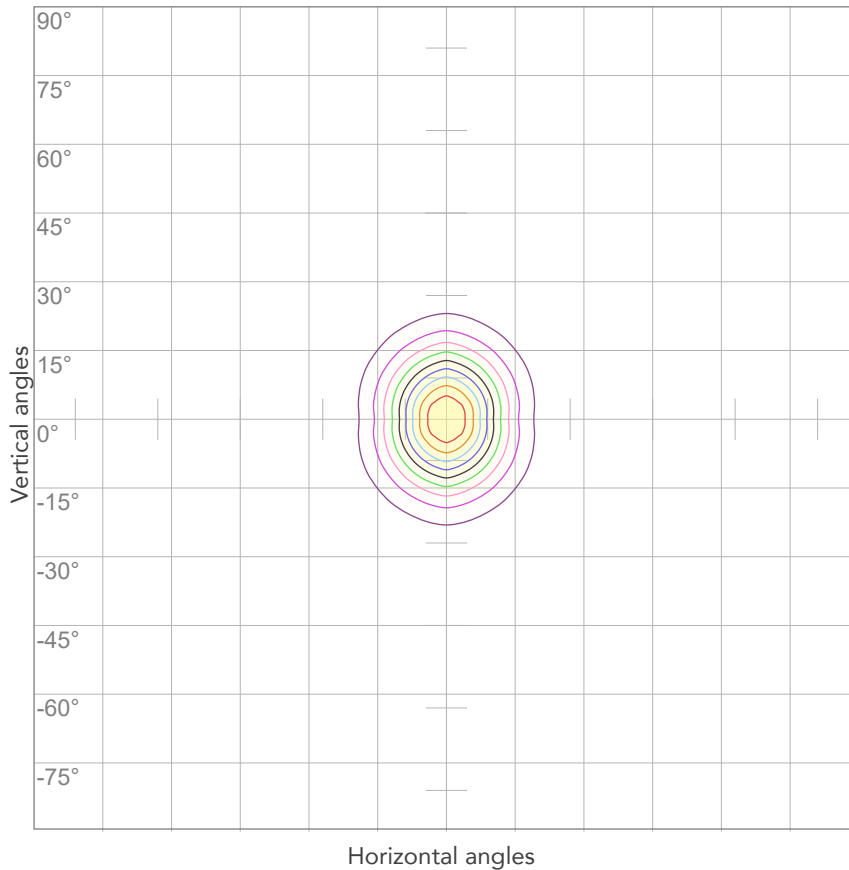
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	0,417A	86,1W	15lm/W
Power FC			
0,93			

ISO CANDELA DIAGRAM



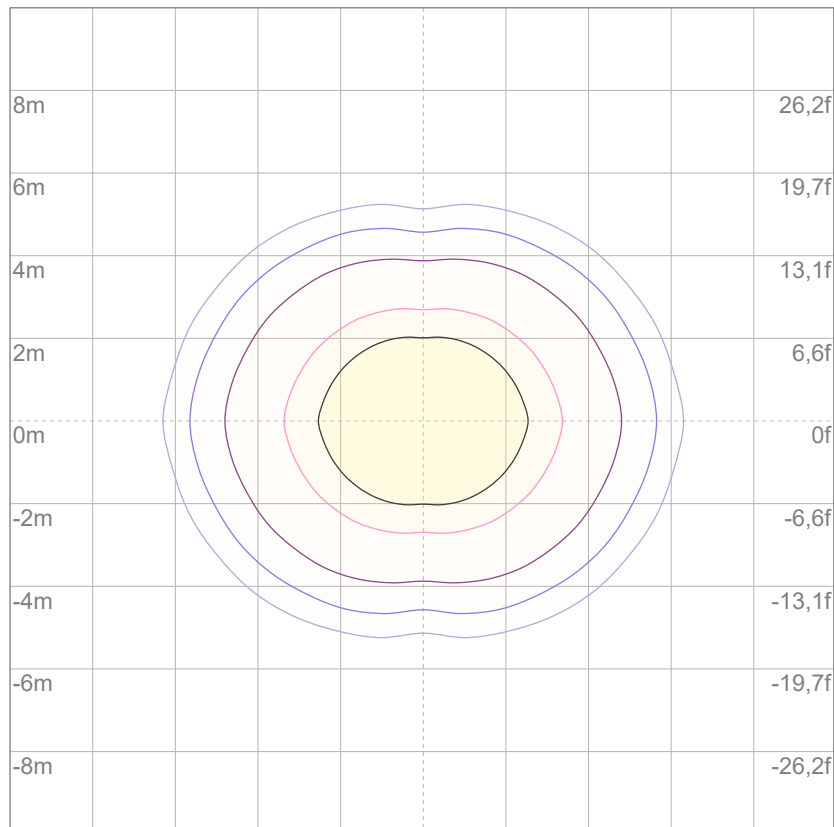
10%	563 cd
20%	1126 cd
30%	1689 cd
40%	2252 cd
50%	2815 cd
60%	3378 cd
70%	3941 cd
80%	4504 cd

Conditions:

Number of c-planes: 4

Candela at center: 5630 cd

ISO LUX DIAGRAM



3%	1,69 lx
5%	2,81 lx
10%	5,63 lx
30%	16,9 lx
50%	28,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 56,3 lx

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

Total lumen output:

1291 lm

Peak candela output:

1962 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 40° Filter

Target:

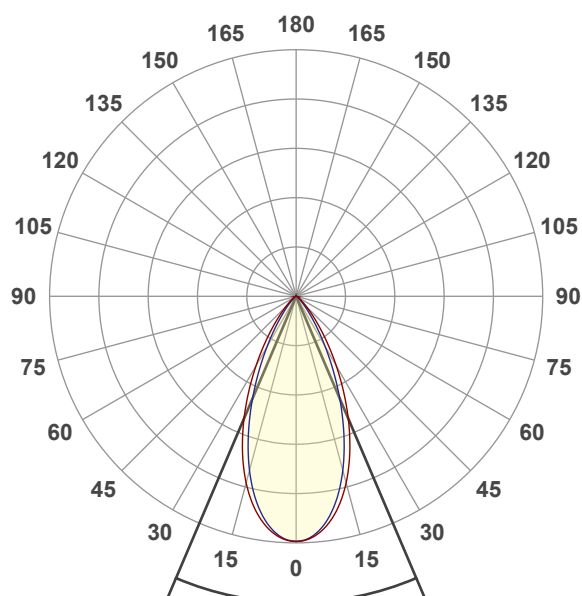
Red

Operator:

Paolo Carvone

Date and time:

16/09/2022 15:34:24

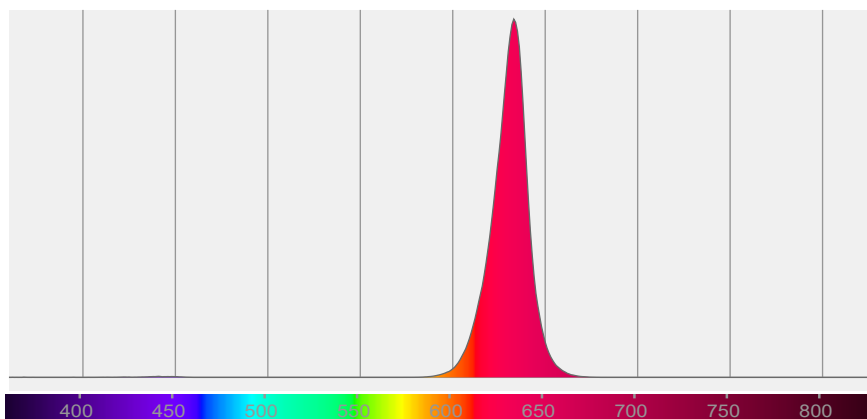


Beam angle 50%: 46,2°

Field angle 10%: 77,7°

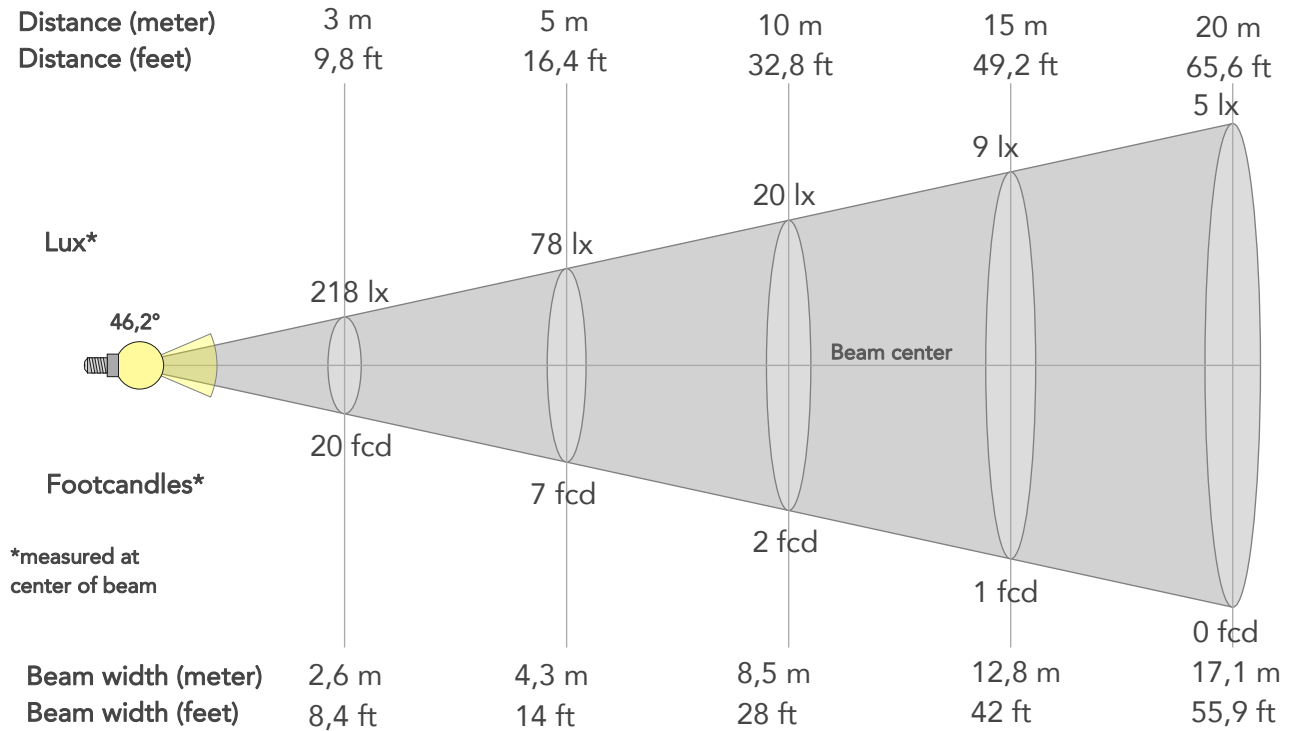
Cut off angle 2.5%: 98,2°

Spectra



BEAM DETAILS

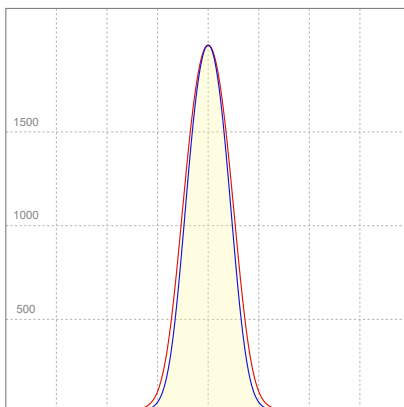
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,2°	77,7°	98,2°	99,0%	95,2%



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	1961lx	490lx	218lx	123lx	78lx	35lx	20lx	9lx	5lx	3lx	2lx	1lx	1lx
Footcand.	182fcd	46fcd	20fcd	11fcd	7fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,5m	12,8m	17,1m	21,3m	25,6m	34,1m	42,6m
Beam wid.	2,8ft	5,6ft	8,4ft	11,2ft	14ft	21ft	28ft	42ft	55,9ft	69,9ft	83,9ft	111,9ft	139,8ft

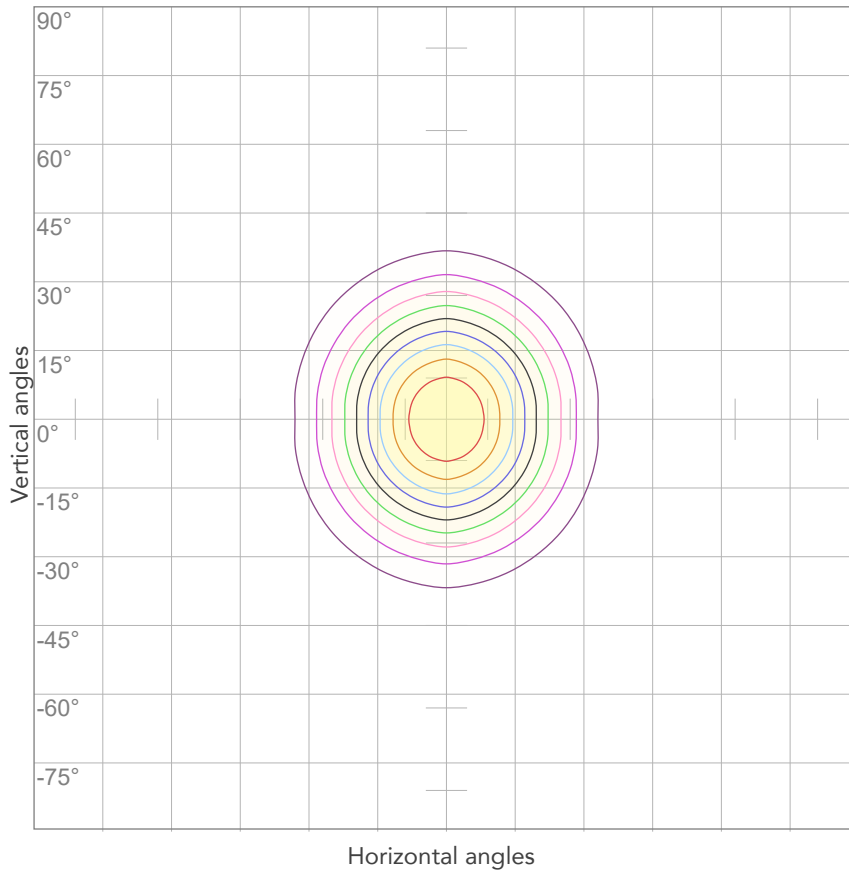
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,413A	85,5W	15lm/W
Power FC			
0,92			

ISO CANDELA DIAGRAM



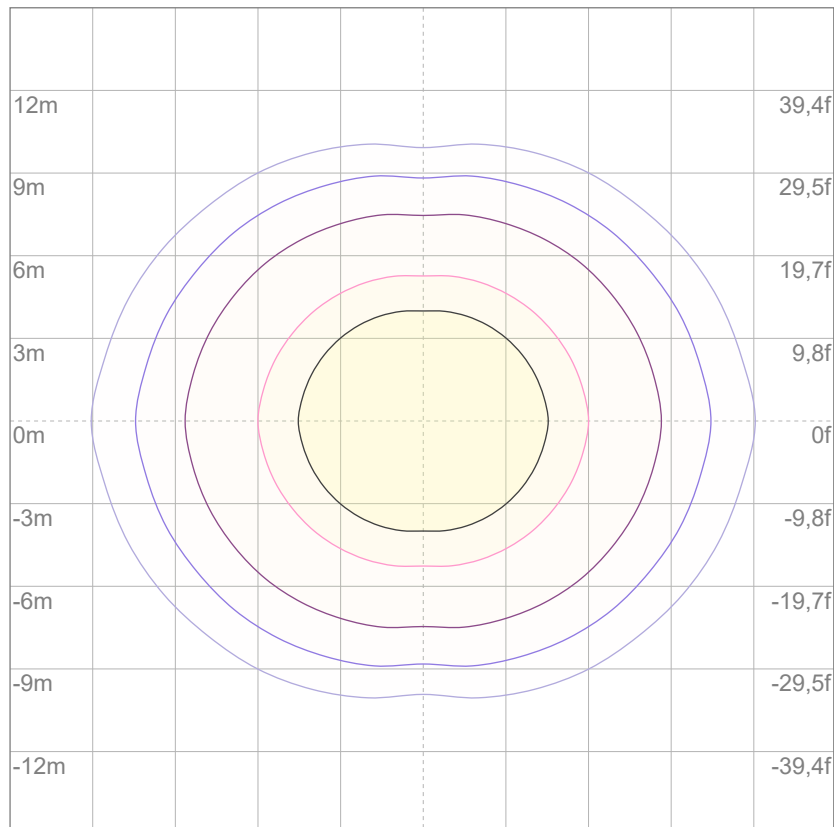
10%	196 cd
20%	392 cd
30%	588 cd
40%	784 cd
50%	981 cd
60%	1177 cd
70%	1373 cd
80%	1569 cd

Conditions:

Number of c-planes: 4

Candela at center: 1961 cd

ISO LUX DIAGRAM



3%	0,588 lx
5%	0,981 lx
10%	1,96 lx
30%	5,88 lx
50%	9,81 lx

Conditions:

Number of c-planes: 4

Lux at center: 19,6 lx

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

Total lumen output:

7135 lm

Peak candela output:

7710 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 60° Filter

Target:

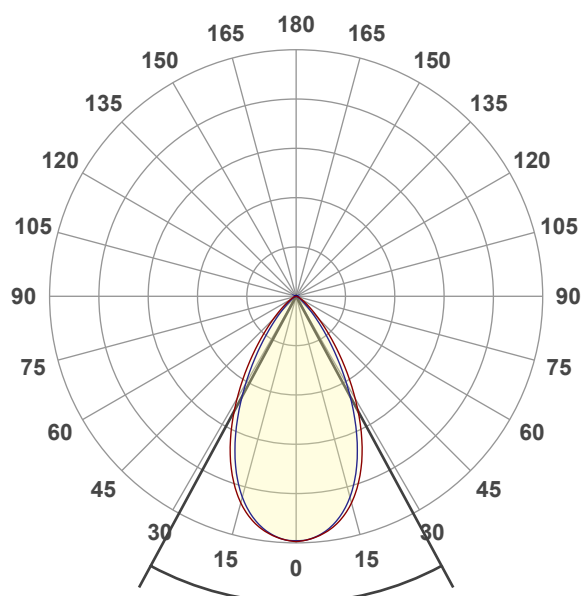
Red

Operator:

Paolo Carvone

Date and time:

16/09/2022 13:32:02

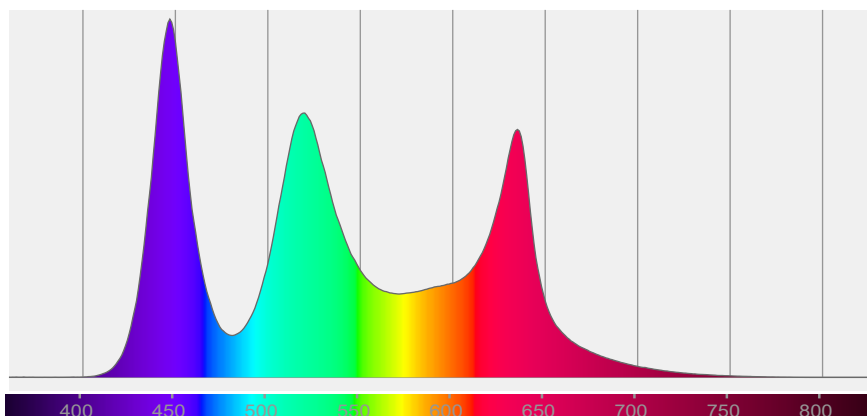


Beam angle 50%: 56,7°

Field angle 10%: 91,1°

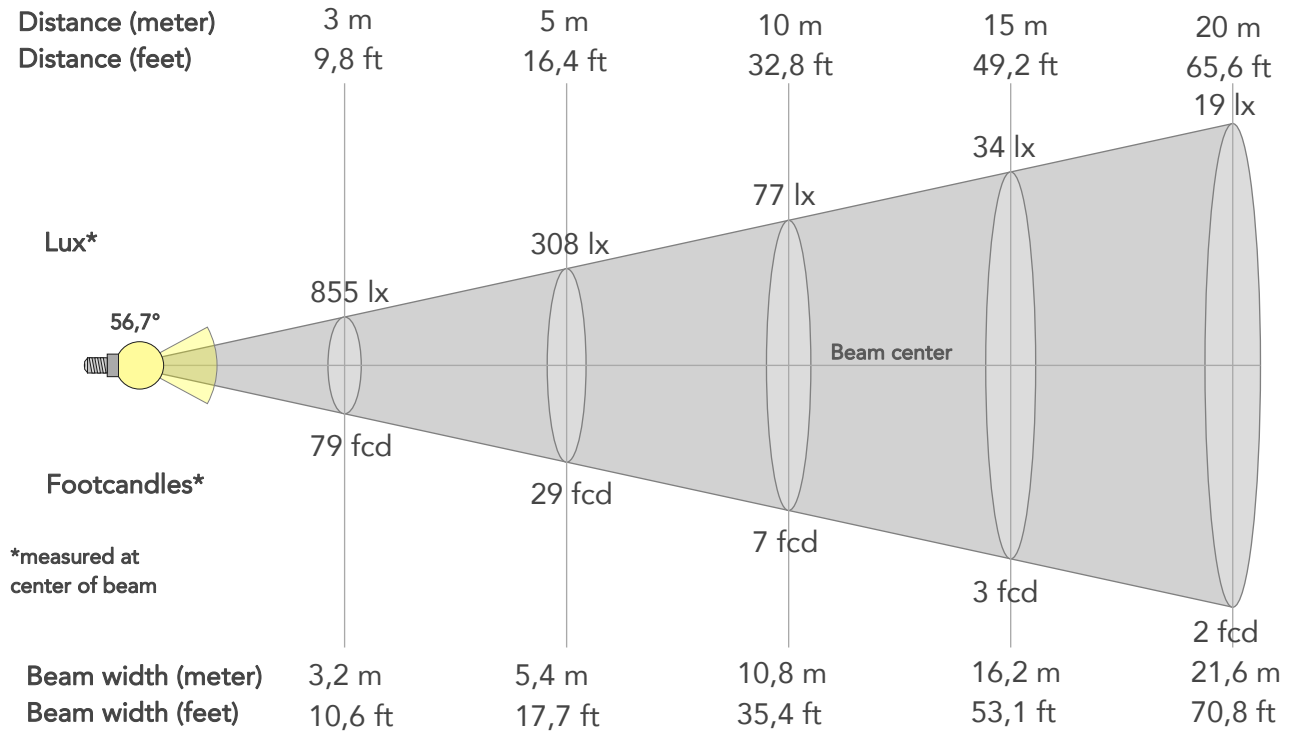
Cut off angle 2.5%: 114,4°

Spectra



BEAM DETAILS

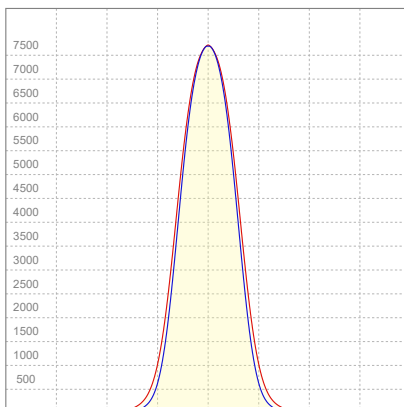
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
56,7°	91,1°	114,4°	98,5%	91,6%



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	7698lx	1924lx	855lx	481lx	308lx	137lx	77lx	34lx	19lx	12lx	9lx	5lx	3lx
Footcand.	715fcd	179fcd	79fcd	45fcd	29fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	1,1m	2,2m	3,2m	4,3m	5,4m	8,1m	10,8m	16,2m	21,6m	27m	32,4m	43,2m	54m
Beam wid.	3,6ft	7,1ft	10,6ft	14,1ft	17,7ft	26,5ft	35,4ft	53,1ft	70,8ft	88,5ft	106,2ft	141,6ft	177ft

LINEAR DISTRIBUTION DIAGRAM

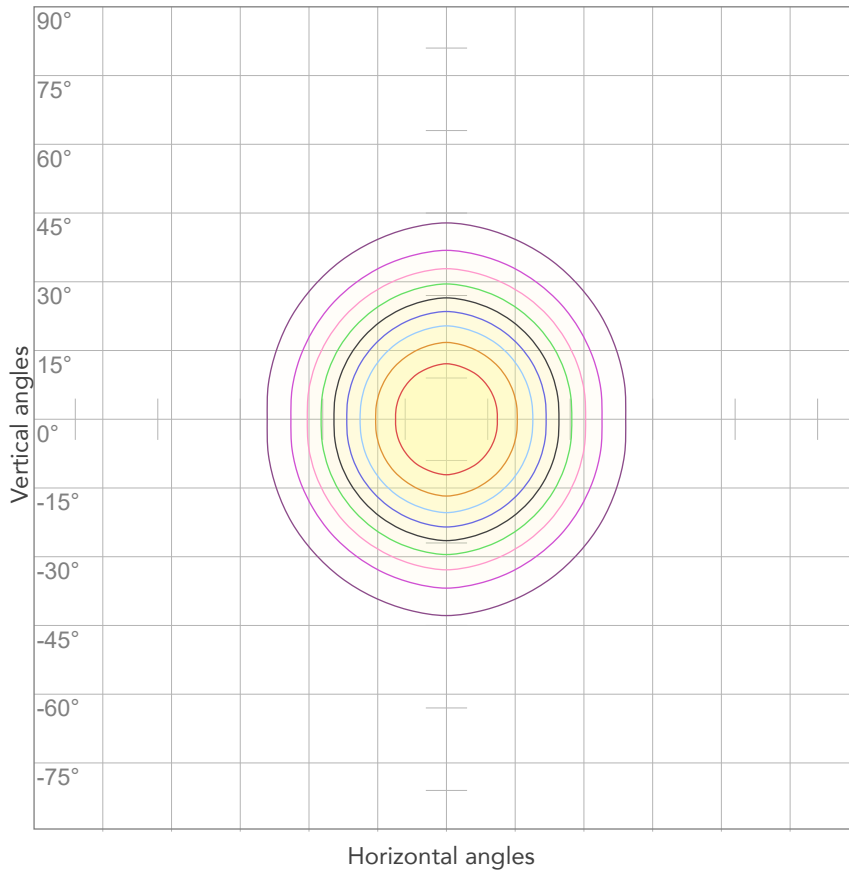


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	1,14A	252,8W	28lm/W

Power FC
0,99

ISO CANDELA DIAGRAM



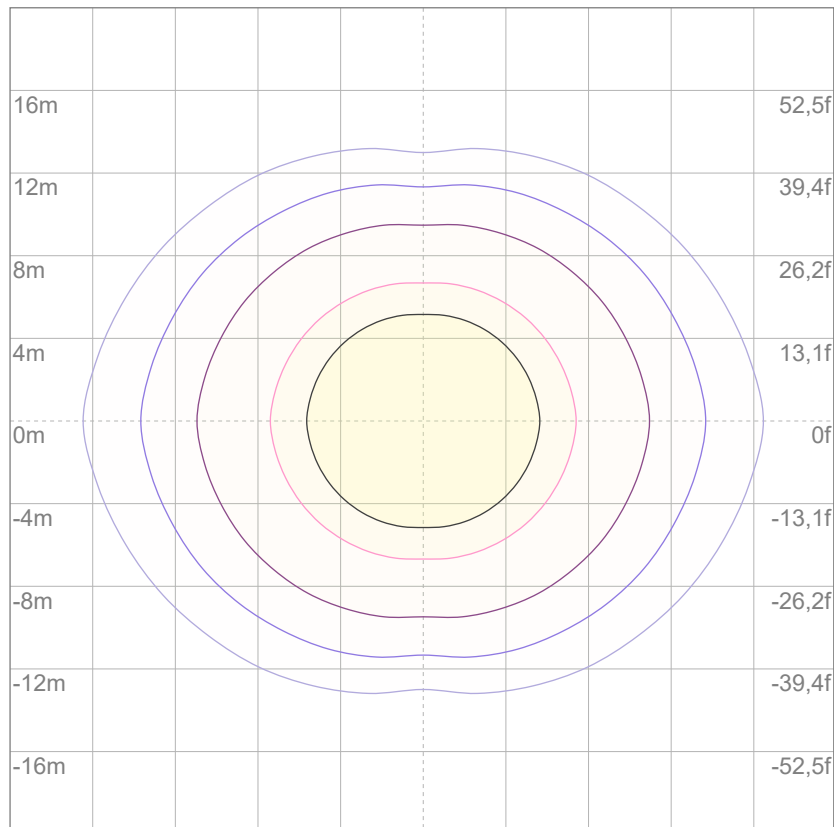
10%	770 cd
20%	1540 cd
30%	2309 cd
40%	3079 cd
50%	3849 cd
60%	4619 cd
70%	5388 cd
80%	6158 cd

Conditions:

Number of c-planes: 4

Candela at center: 7698 cd

ISO LUX DIAGRAM



3%	2,31 lx
5%	3,85 lx
10%	7,70 lx
30%	23,1 lx
50%	38,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 77,0 lx

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

Total lumen output:

3200 lm

Peak candela output:

51337 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic No. Filter

Target:

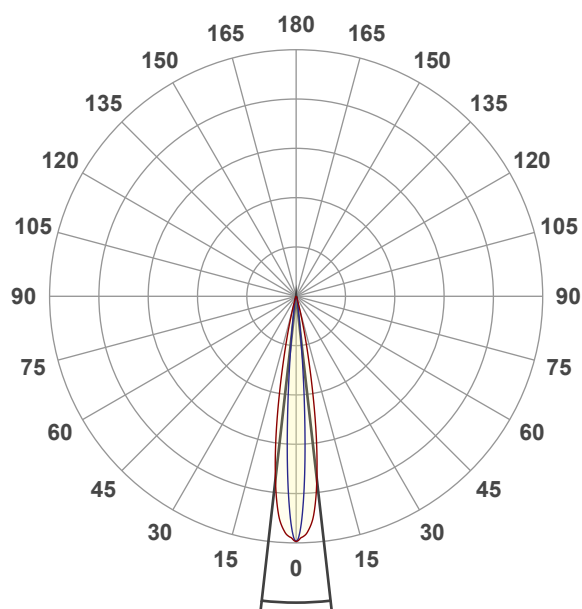
Green

Operator:

Paolo Carvone

Date and time:

16/09/2022 15:38:56

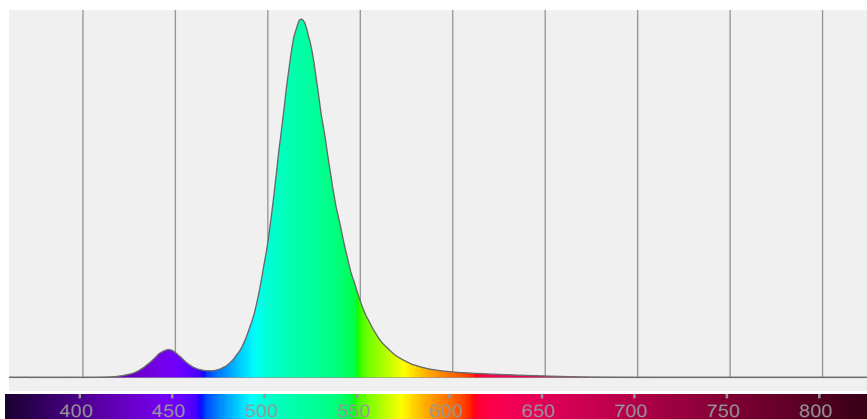


Beam angle 50%: 12,9°

Field angle 10%: 21,4°

Cut off angle 2.5%: 30,3°

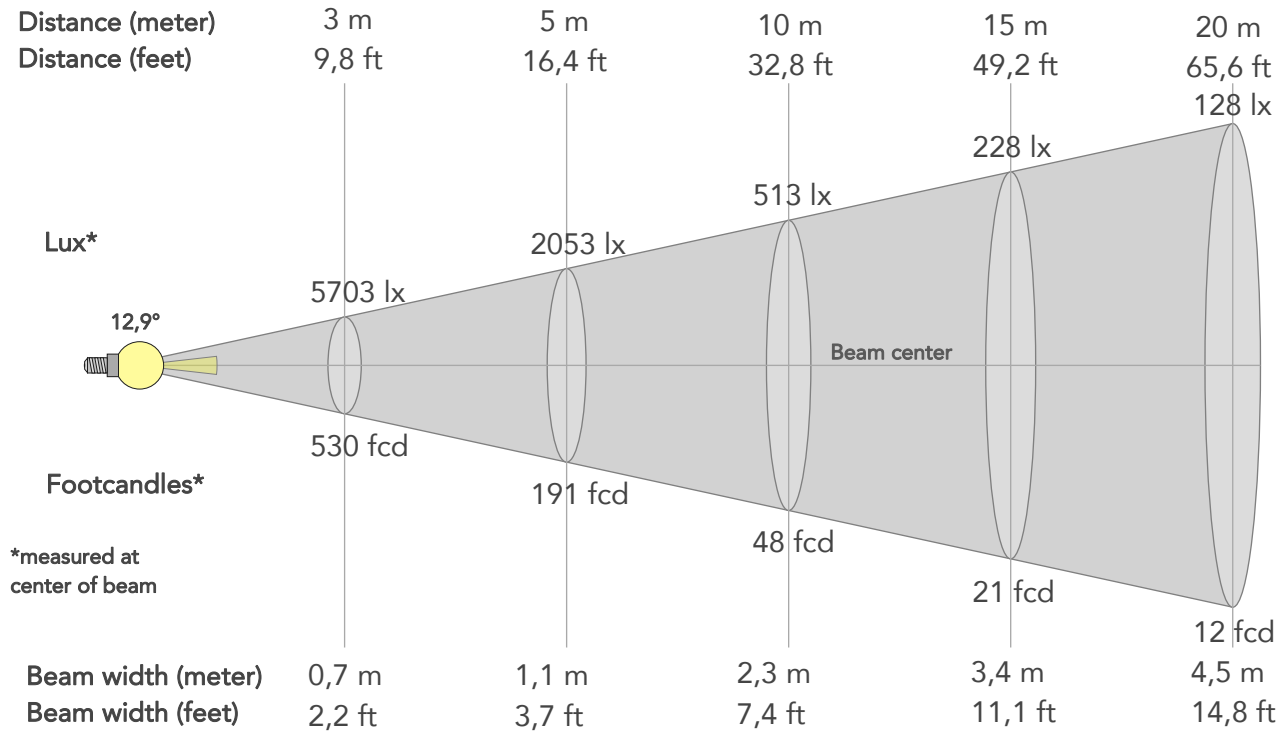
Spectra



BEAM DETAILS



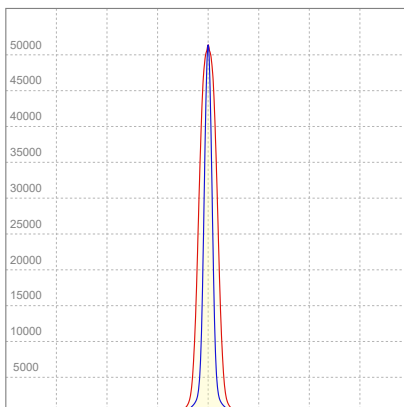
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,9°	21,4°	30,3°	100,0%	100,0%



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	51329lx	12832lx	5703lx	3208lx	2053lx	913lx	513lx	228lx	128lx	82lx	57lx	32lx	21lx
Footcand.	4769fcd	1192fcd	530fcd	298fcd	191fcd	85fcd	48fcd	21fcd	12fcd	8fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,5m	0,7m	0,9m	1,1m	1,7m	2,3m	3,4m	4,5m	5,7m	6,8m	9m	11,3m
Beam wid.	0,7ft	1,5ft	2,2ft	3ft	3,7ft	5,6ft	7,4ft	11,1ft	14,8ft	18,5ft	22,3ft	29,7ft	37,1ft

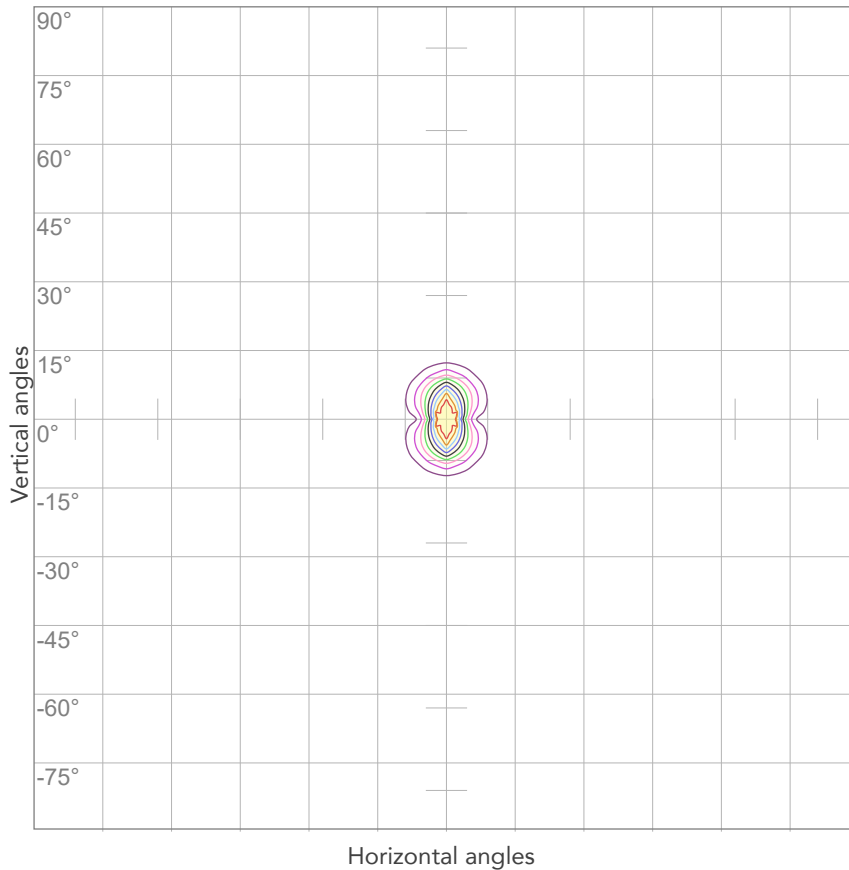
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,508A	108,6W	29lm/W
Power FC			
0,95			

ISO CANDELA DIAGRAM



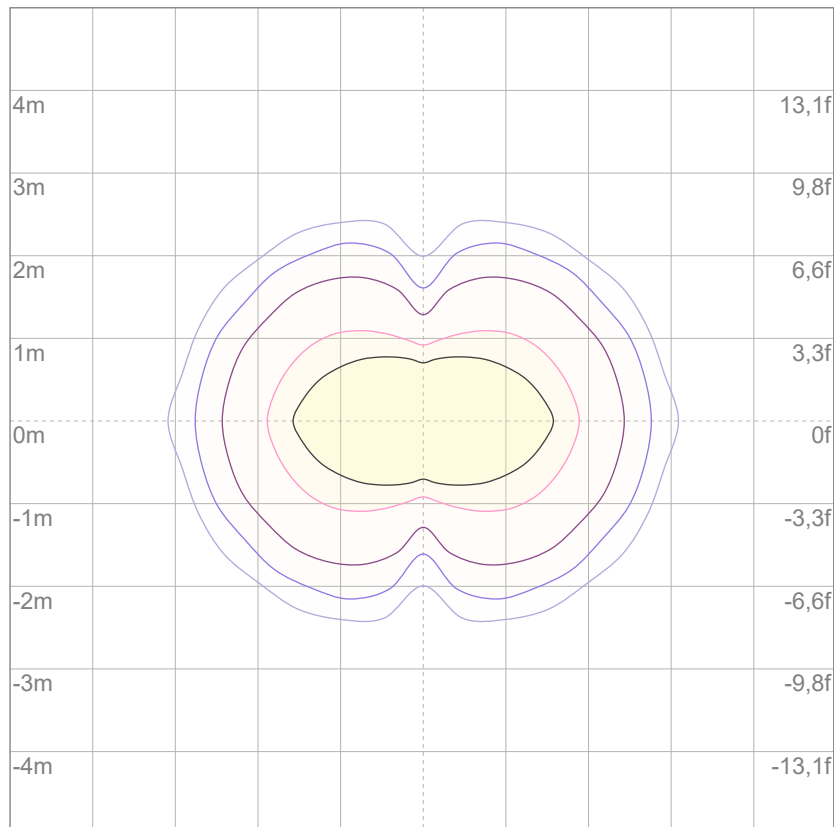
10%	5133 cd
20%	10266 cd
30%	15399 cd
40%	20532 cd
50%	25665 cd
60%	30797 cd
70%	35930 cd
80%	41063 cd

Conditions:

Number of c-planes: 4

Candela at center: 51329 cd

ISO LUX DIAGRAM



3%	15,4 lx
5%	25,7 lx
10%	51,3 lx
30%	154 lx
50%	257 lx

Conditions:

Number of c-planes: 4

Lux at center: 513 lx

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

Total lumen output:

2850 lm

Peak candela output:

40922 cd



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + Smooth 5° Filter

Target:

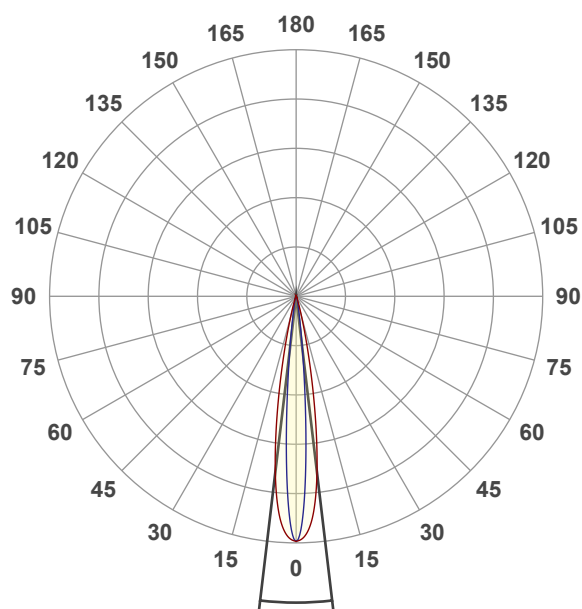
Green

Operator:

Paolo Carvone

Date and time:

16/09/2022 15:42:56

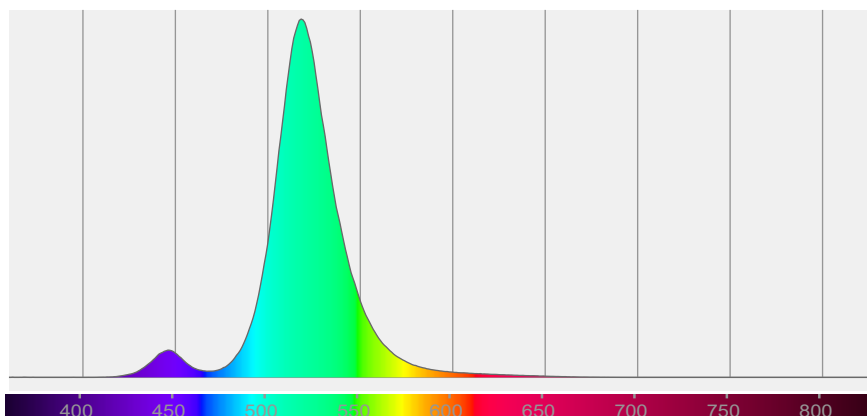


Beam angle 50%: 13,5°

Field angle 10%: 23,2°

Cut off angle 2.5%: 33,5°

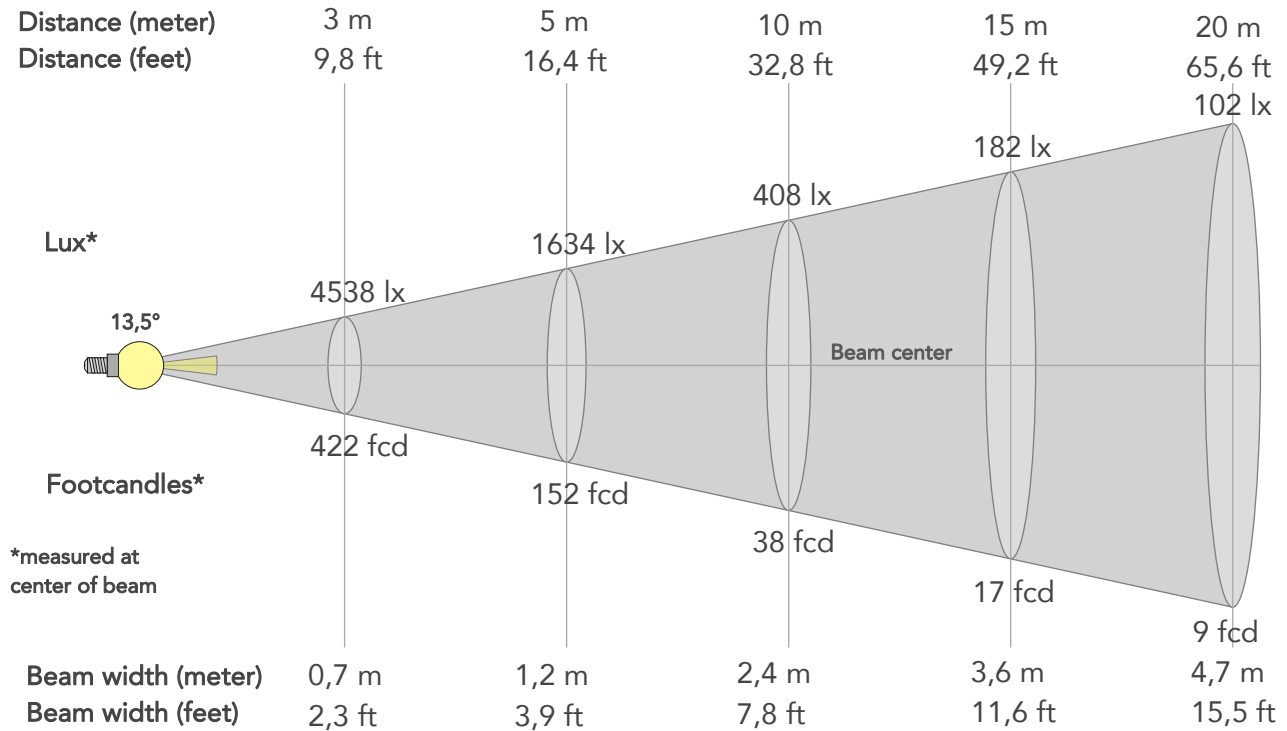
Spectra



BEAM DETAILS



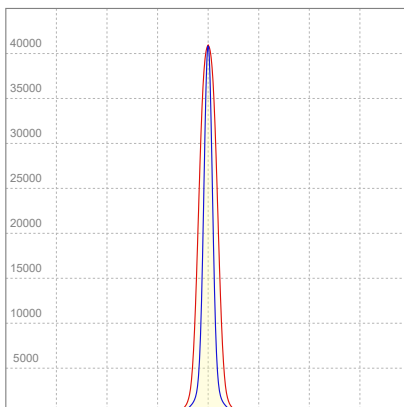
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,5°	23,2°	33,5°	100,0%	100,0%



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	40843lx	10211lx	4538lx	2553lx	1634lx	726lx	408lx	182lx	102lx	65lx	45lx	26lx	16lx
Footcand.	3794fcd	949fcd	422fcd	237fcd	152fcd	67fcd	38fcd	17fcd	9fcd	6fcd	4fcd	2fcd	2fcd
Beam wid.	0,2m	0,5m	0,7m	0,9m	1,2m	1,8m	2,4m	3,6m	4,7m	5,9m	7,1m	9,5m	11,8m
Beam wid.	0,8ft	1,6ft	2,3ft	3,1ft	3,9ft	5,8ft	7,8ft	11,6ft	15,5ft	19,4ft	23,3ft	31,1ft	38,8ft

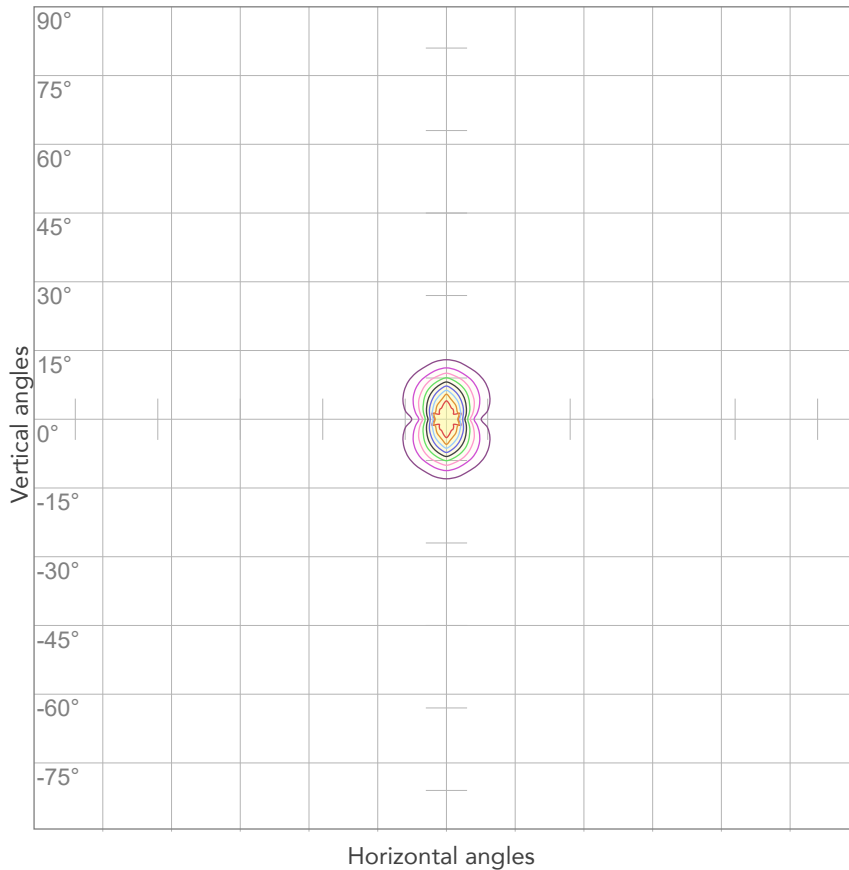
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,506A	108,3W	26lm/W
Power FC			
0,95			

ISO CANDELA DIAGRAM



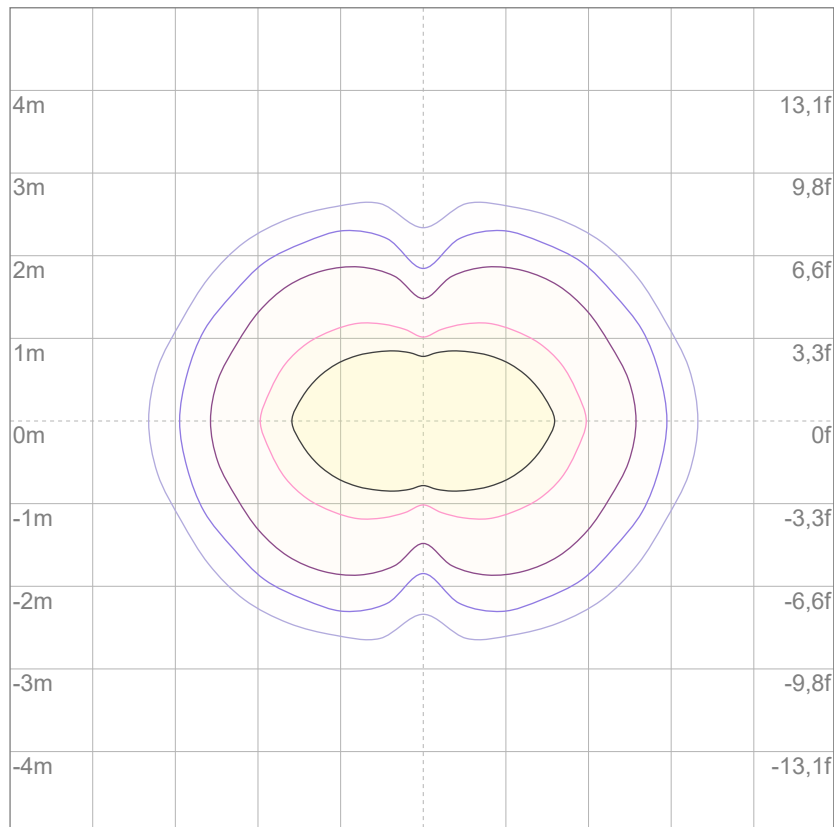
10%	4084 cd
20%	8169 cd
30%	12253 cd
40%	16337 cd
50%	20421 cd
60%	24506 cd
70%	28590 cd
80%	32674 cd

Conditions:

Number of c-planes: 4

Candela at center: 40843 cd

ISO LUX DIAGRAM



3%	12,3 lx
5%	20,4 lx
10%	40,8 lx
30%	123 lx
50%	204 lx

Conditions:

Number of c-planes: 4

Lux at center: 408 lx

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

Total lumen output:

2678 lm

Peak candela output:

11126 cd



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 20° Filter

Target:

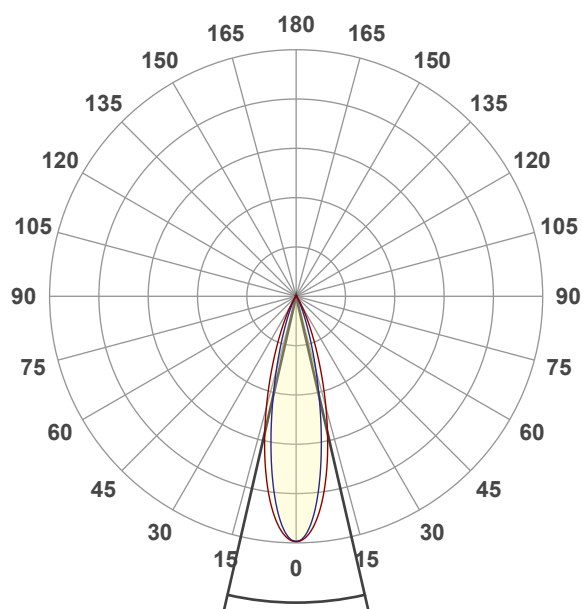
Green

Operator:

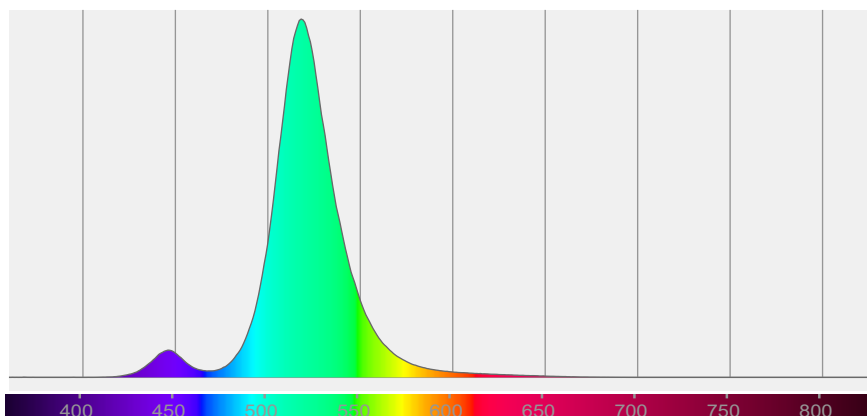
Paolo Carvone

Date and time:

16/09/2022 15:47:46



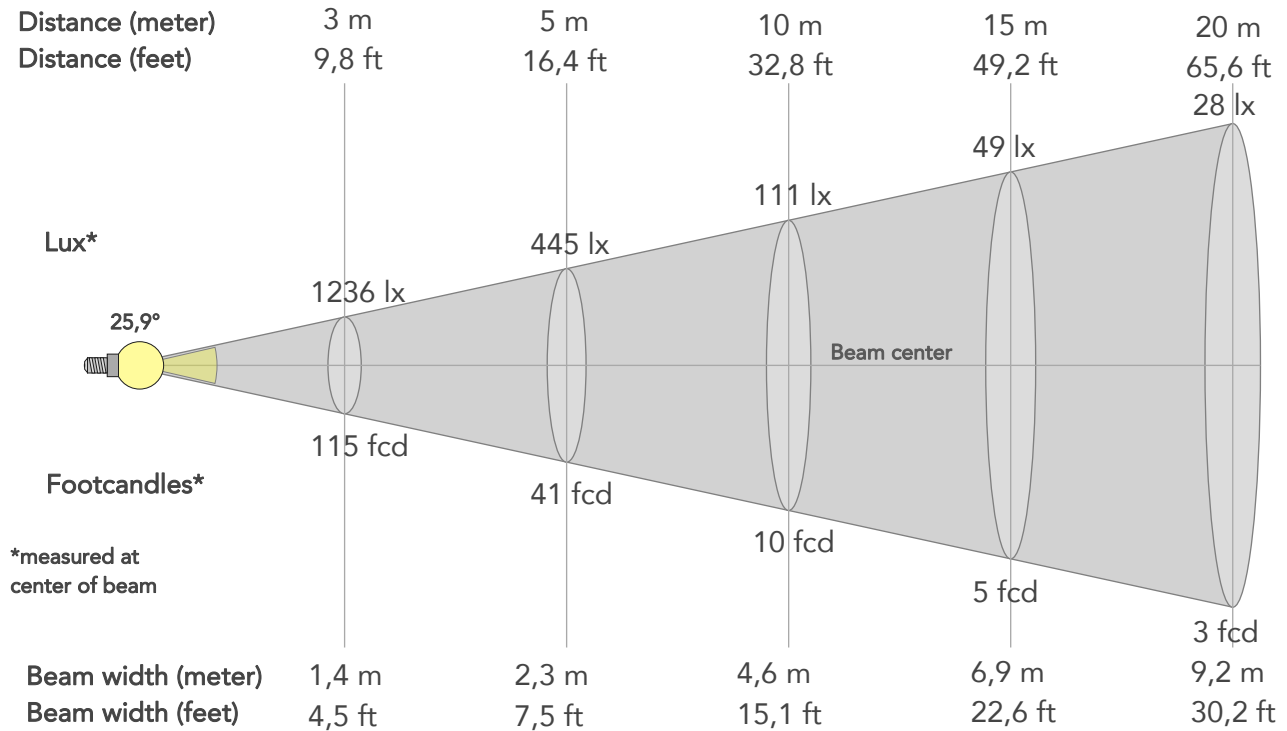
Spectra



BEAM DETAILS



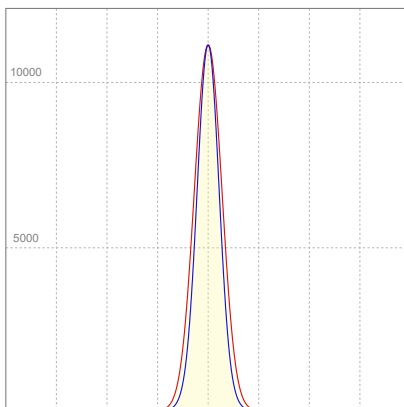
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25,9°	47,5°	62,4°	99,9%	99,0%



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	11122lx	2781lx	1236lx	695lx	445lx	198lx	111lx	49lx	28lx	18lx	12lx	7lx	4lx
Footcand.	1033fcd	258fcd	115fcd	65fcd	41fcd	18fcd	10fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	0,9m	1,4m	1,8m	2,3m	3,4m	4,6m	6,9m	9,2m	11,5m	13,8m	18,4m	23m
Beam wid.	1,5ft	3ft	4,5ft	6ft	7,5ft	11,3ft	15,1ft	22,6ft	30,2ft	37,7ft	45,2ft	60,3ft	75,4ft

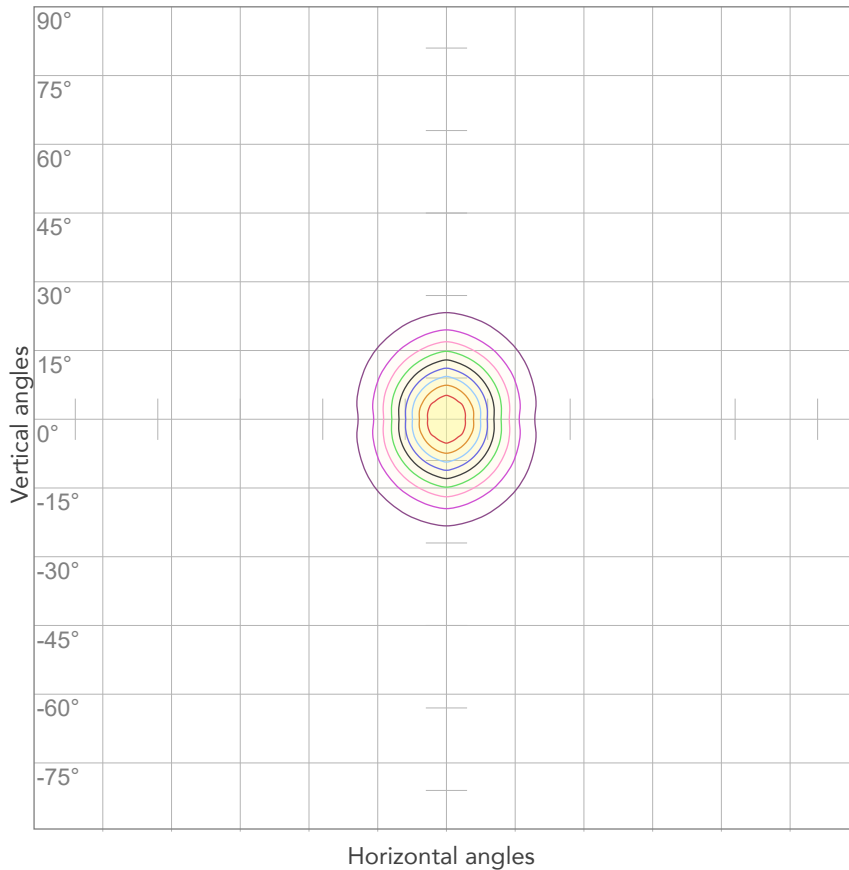
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,509A	108,5W	25lm/W
Power FC			
0,95			

ISO CANDELA DIAGRAM



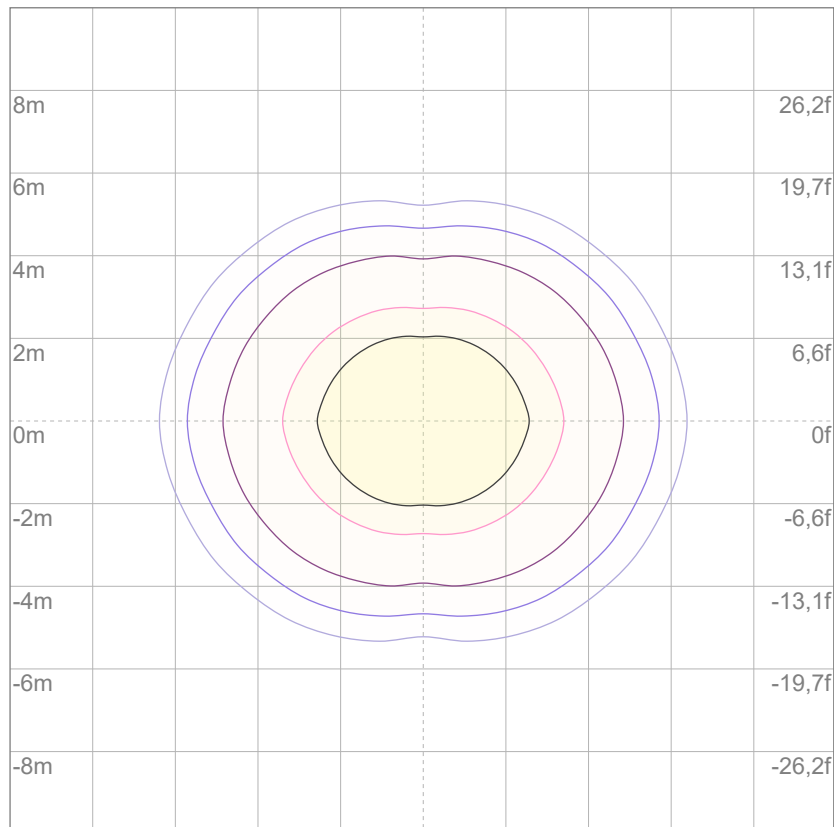
10%	1112 cd
20%	2224 cd
30%	3337 cd
40%	4449 cd
50%	5561 cd
60%	6673 cd
70%	7786 cd
80%	8898 cd

Conditions:

Number of c-planes: 4

Candela at center: 11122 cd

ISO LUX DIAGRAM



3%	3,34 lx
5%	5,56 lx
10%	11,1 lx
30%	33,4 lx
50%	55,6 lx

Conditions:

Number of c-planes: 4

Lux at center: 111 lx

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

Total lumen output:

2726 lm

Peak candela output:

4082 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 40° Filter

Target:

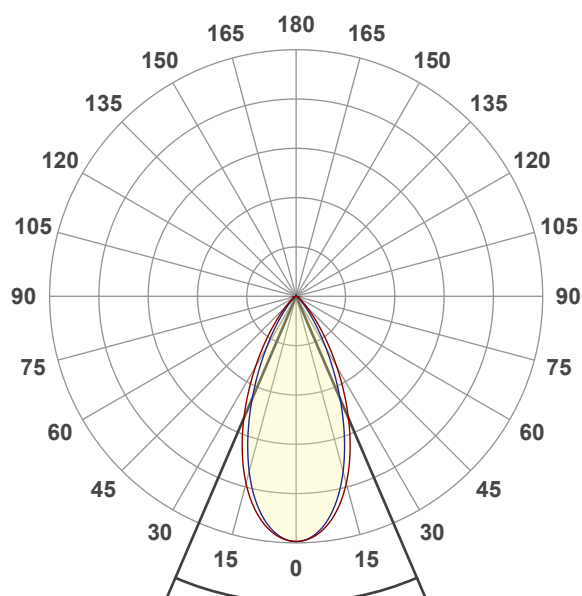
Green

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:07:18

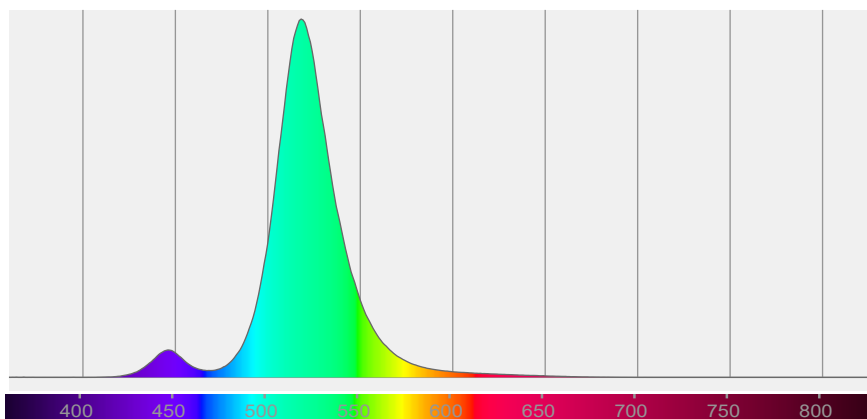


Beam angle 50%: 46,4°

Field angle 10%: 78,3°

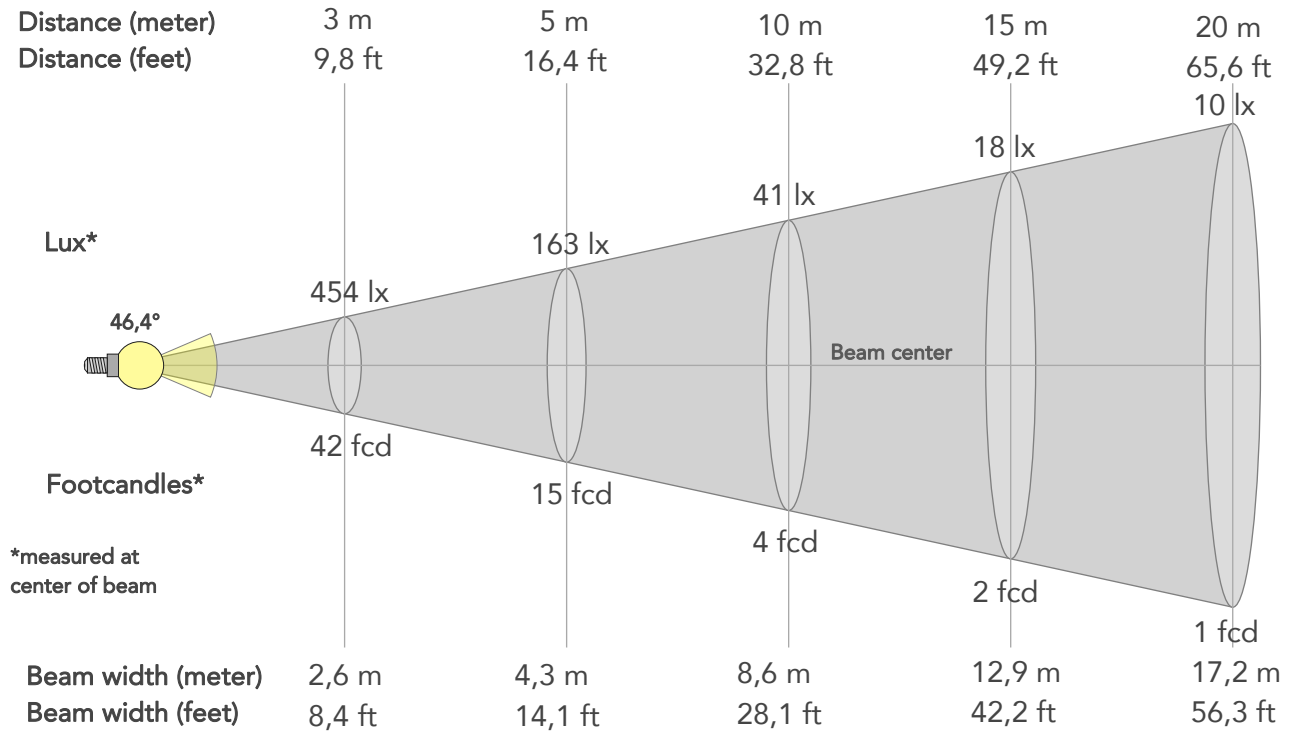
Cut off angle 2.5%: 99,4°

Spectra



BEAM DETAILS

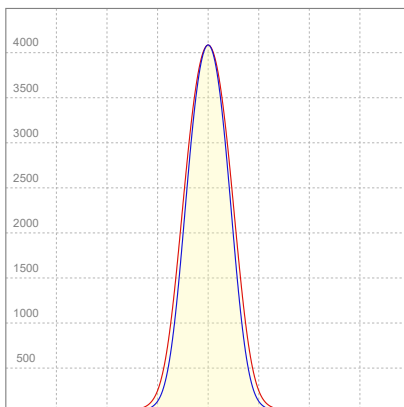
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,4°	78,3°	99,4°	99,0%	94,8%



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	4082lx	1020lx	454lx	255lx	163lx	73lx	41lx	18lx	10lx	7lx	5lx	3lx	2lx
Footcand.	379fcd	95fcd	42fcd	24fcd	15fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,6m	12,9m	17,2m	21,5m	25,7m	34,3m	42,9m
Beam wid.	2,8ft	5,7ft	8,4ft	11,2ft	14,1ft	21,1ft	28,1ft	42,2ft	56,3ft	70,4ft	84,4ft	112,6ft	140,7ft

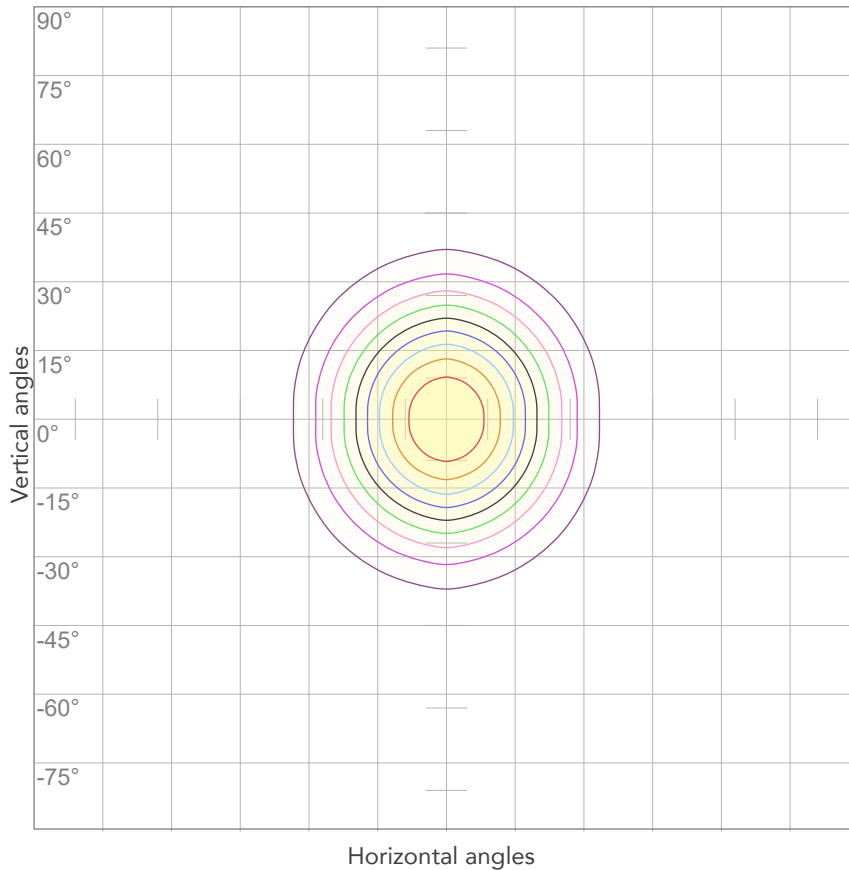
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,506A	108,6W	25lm/W
Power FC			
0,95			

ISO CANDELA DIAGRAM



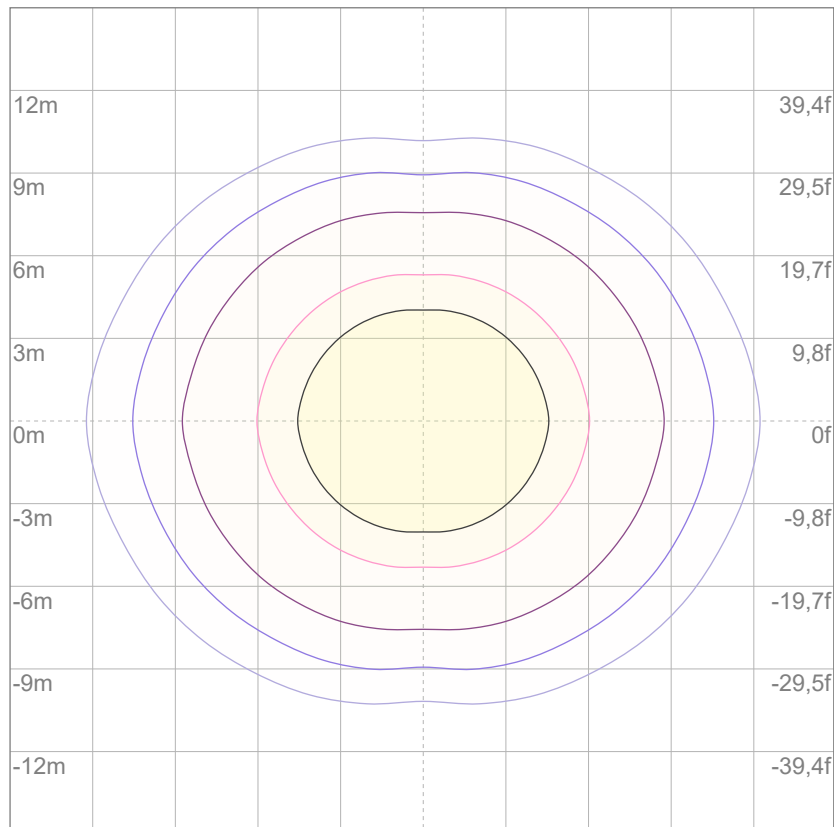
10%	408 cd
20%	816 cd
30%	1225 cd
40%	1633 cd
50%	2041 cd
60%	2449 cd
70%	2857 cd
80%	3265 cd

Conditions:

Number of c-planes: 4

Candela at center: 4082 cd

ISO LUX DIAGRAM



3%	1,22 lx
5%	2,04 lx
10%	4,08 lx
30%	12,2 lx
50%	20,4 lx

Conditions:

Number of c-planes: 4

Lux at center: 40,8 lx

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

Total lumen output:

2709 lm

Peak candela output:

3003 cd



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 60° Filter

Target:

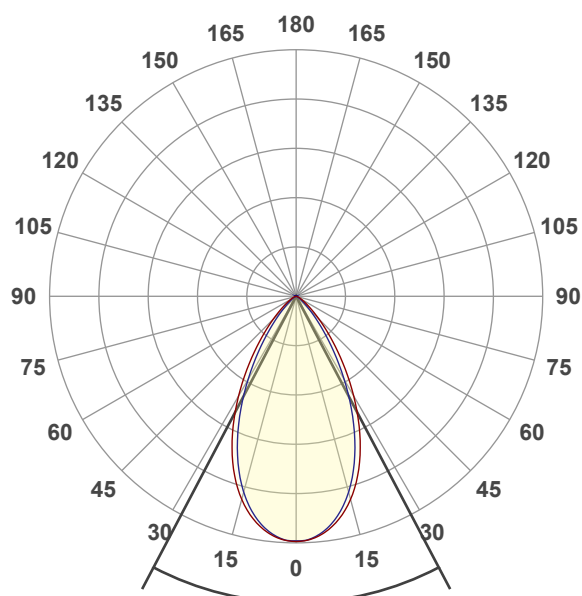
Green

Operator:

Paolo Carvone

Date and time:

16/09/2022 15:55:01

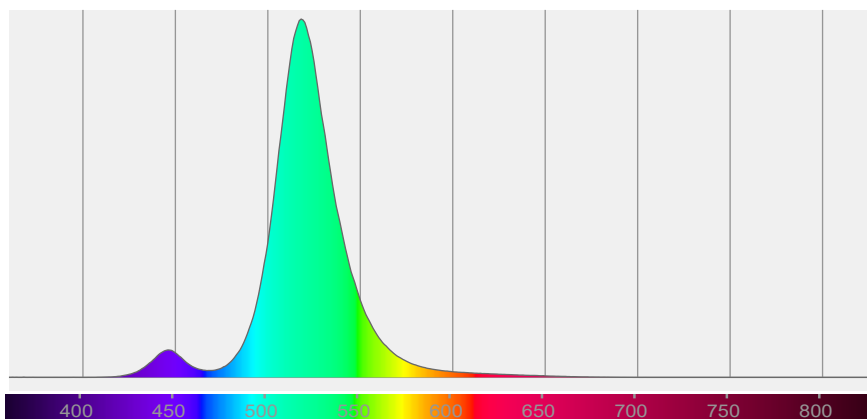


Beam angle 50%: 55,5°

Field angle 10%: 90,7°

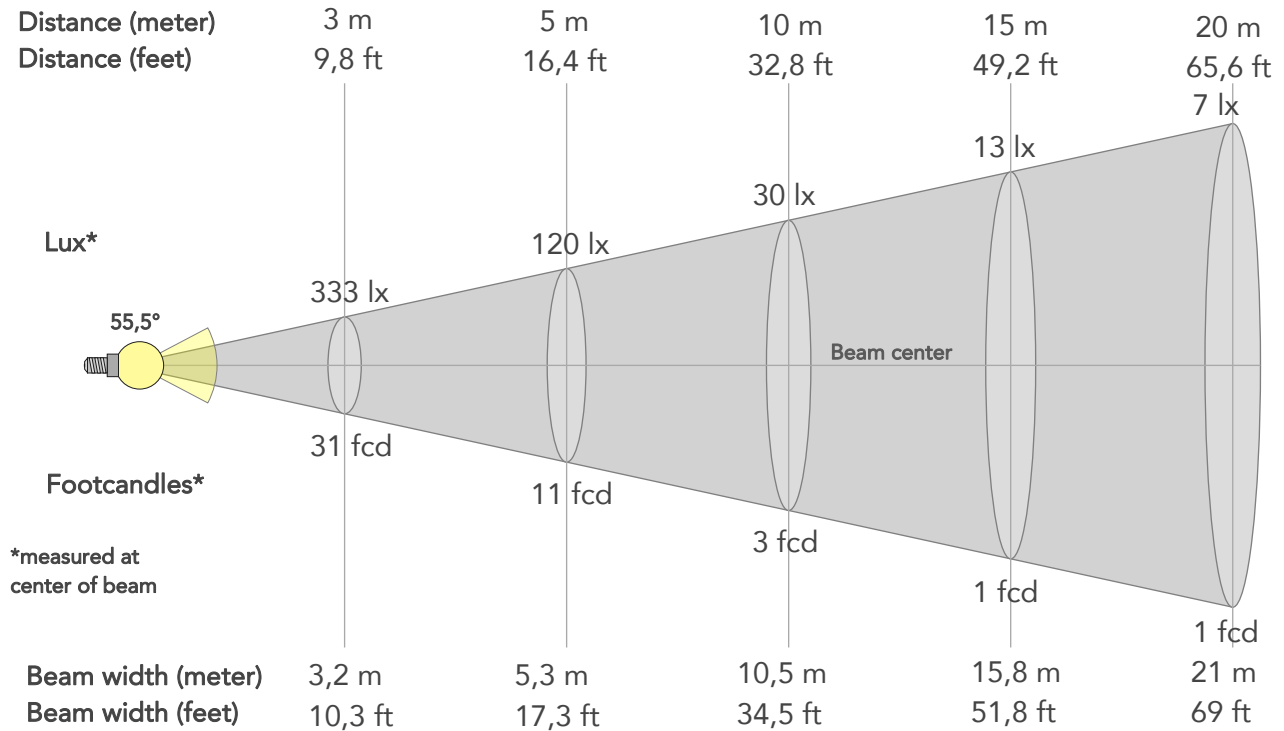
Cut off angle 2.5%: 114°

Spectra



BEAM DETAILS

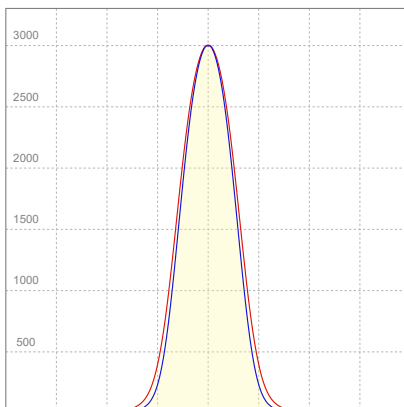
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
55,5°	90,7°	114°	98,4%	91,5%



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	2999lx	750lx	333lx	187lx	120lx	53lx	30lx	13lx	7lx	5lx	3lx	2lx	1lx
Footcand.	279fcd	70fcd	31fcd	17fcd	11fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1,1m	2,1m	3,2m	4,2m	5,3m	7,9m	10,5m	15,8m	21m	26,3m	31,6m	42,1m	52,6m
Beam wid.	3,5ft	6,9ft	10,3ft	13,8ft	17,3ft	25,9ft	34,5ft	51,8ft	69ft	86,3ft	103,5ft	138ft	172,6ft

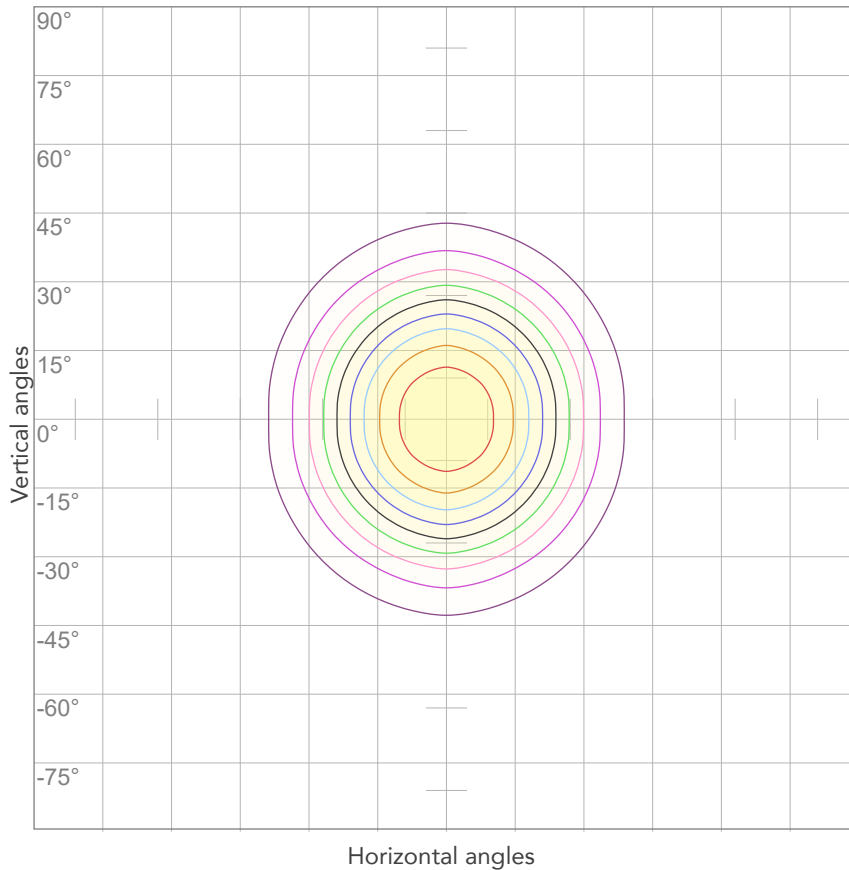
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,509A	108,2W	25lm/W
Power FC			
0,95			

ISO CANDELA DIAGRAM



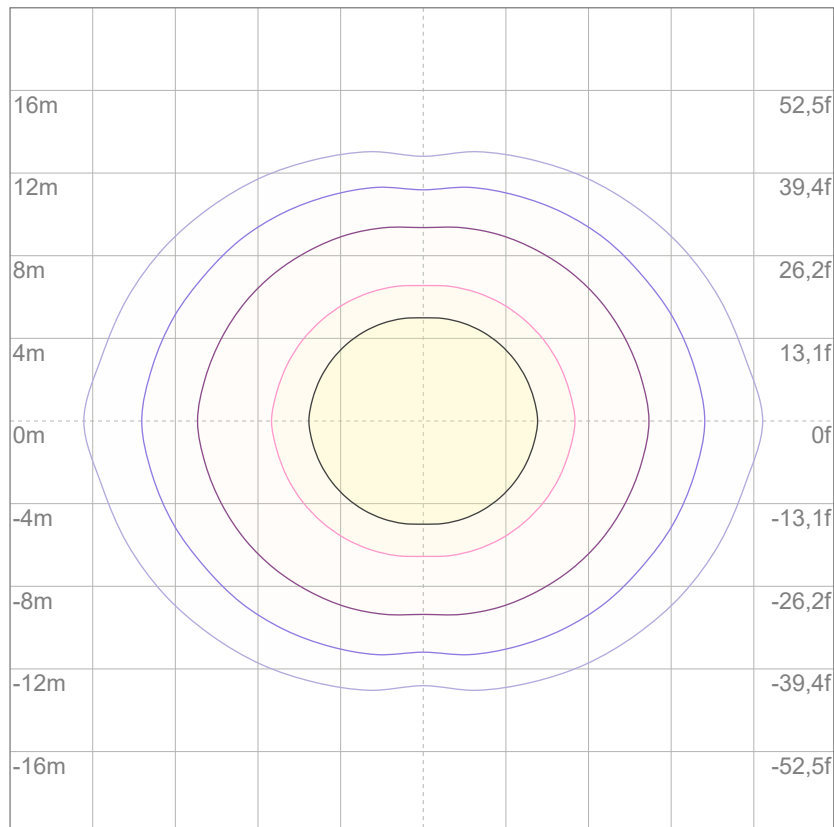
10%	300 cd
20%	600 cd
30%	900 cd
40%	1200 cd
50%	1500 cd
60%	1800 cd
70%	2099 cd
80%	2399 cd

Conditions:

Number of c-planes: 4

Candela at center: 2999 cd

ISO LUX DIAGRAM



3%	0,900 lx
5%	1,50 lx
10%	3,00 lx
30%	9,00 lx
50%	15,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 30,0 lx

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

Total lumen output:

842 lm

Peak candela output:

14823 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic No. Filter

Target:

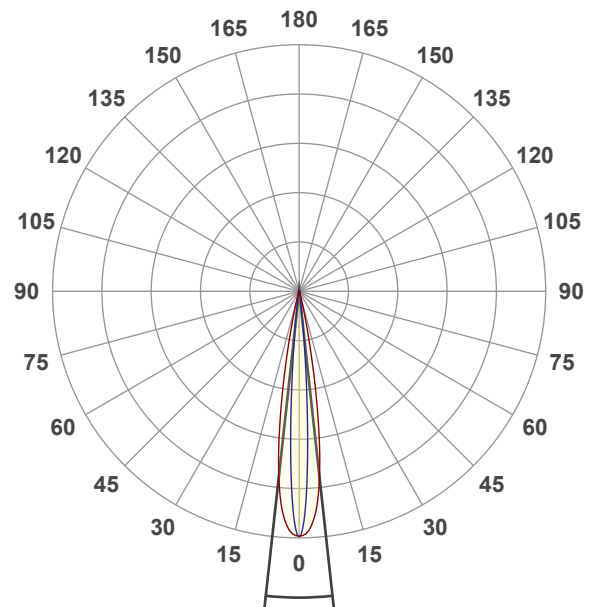
Blue

Operator:

Paolo Carvone

Date and time:

16/09/2022 16:00:58

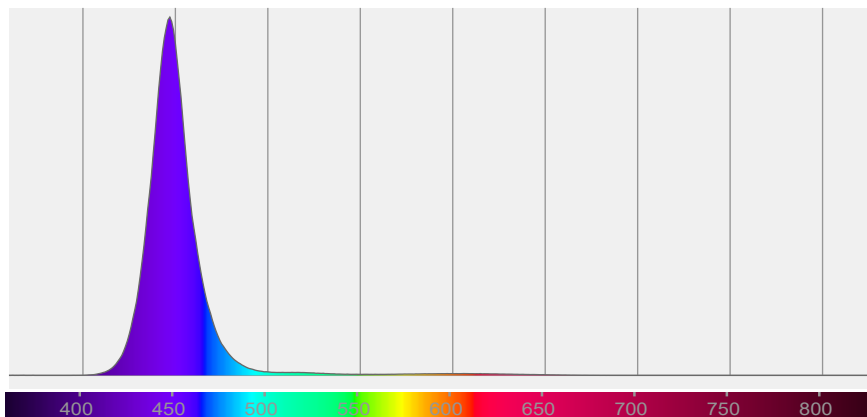


Beam angle 50%: 12,5°

Field angle 10%: 19,9°

Cut off angle 2.5%: 27°

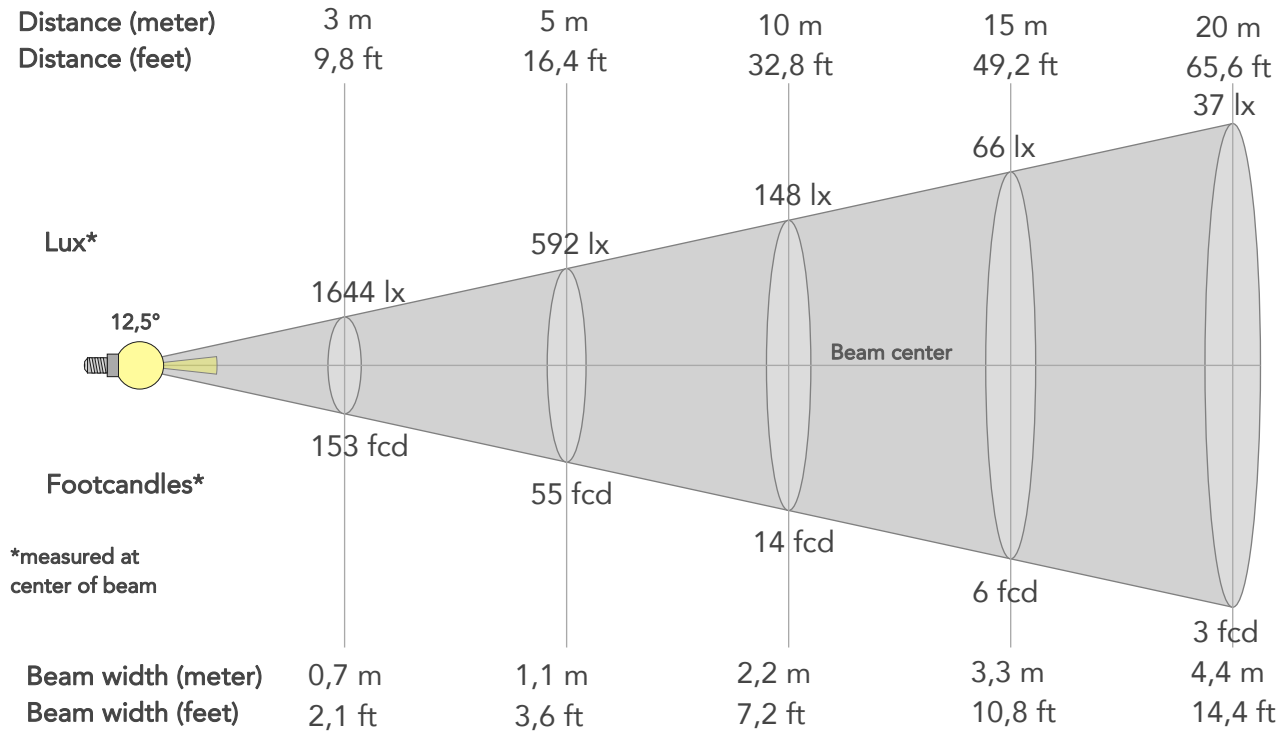
Spectra



BEAM DETAILS



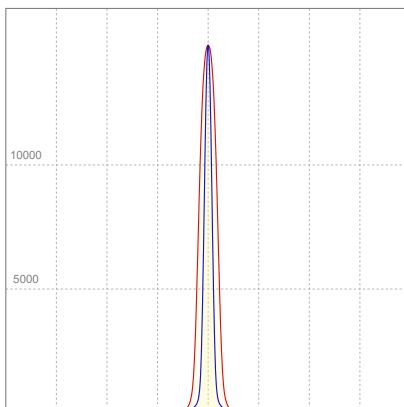
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,5°	19,9°	27°	100,0%	99,8%



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	14799lx	3700lx	1644lx	925lx	592lx	263lx	148lx	66lx	37lx	24lx	16lx	9lx	6lx
Footcand.	1375fcd	344fcd	153fcd	86fcd	55fcd	24fcd	14fcd	6fcd	3fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,2m	0,4m	0,7m	0,9m	1,1m	1,6m	2,2m	3,3m	4,4m	5,5m	6,6m	8,8m	11m
Beam wid.	0,7ft	1,4ft	2,1ft	2,9ft	3,6ft	5,4ft	7,2ft	10,8ft	14,4ft	18ft	21,6ft	28,7ft	35,9ft

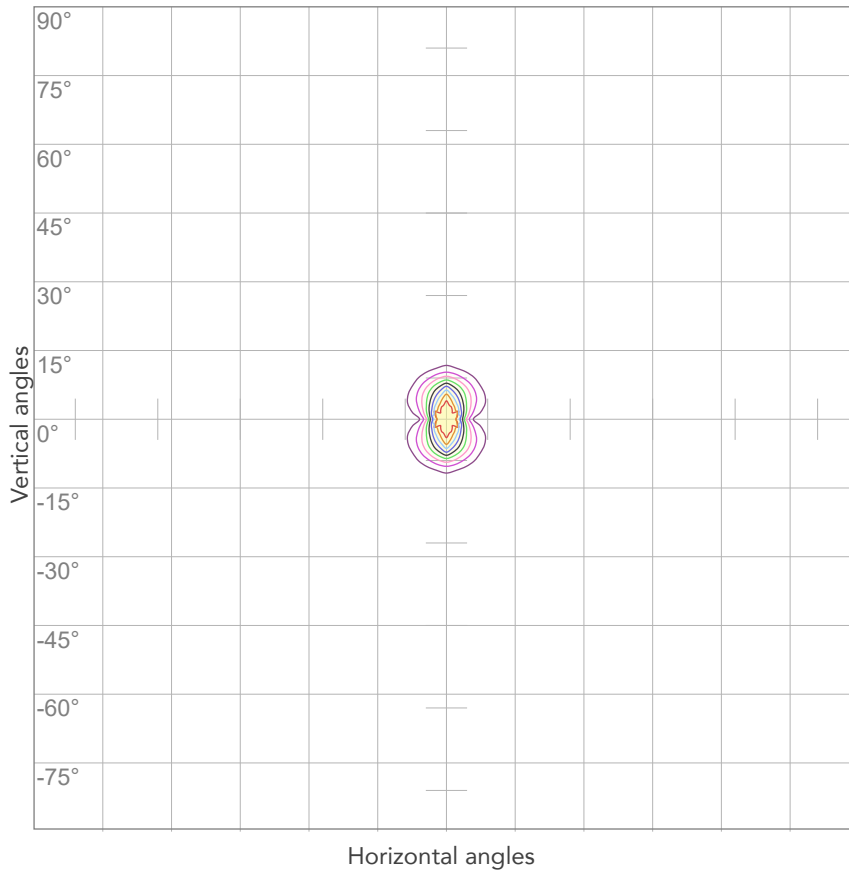
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	0,510A	108,4W	8lm/W
Power FC			
0,95			

ISO CANDELA DIAGRAM



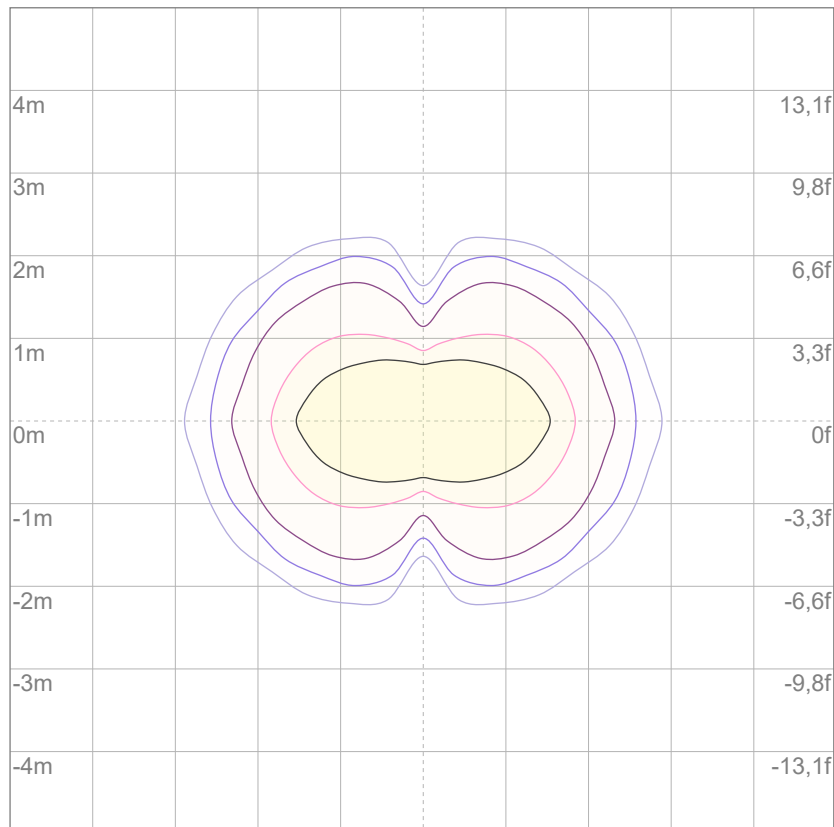
10%	1480 cd
20%	2960 cd
30%	4440 cd
40%	5920 cd
50%	7399 cd
60%	8879 cd
70%	10359 cd
80%	11839 cd

Conditions:

Number of c-planes: 4

Candela at center: 14799 cd

ISO LUX DIAGRAM



3%	4,44 lx
5%	7,40 lx
10%	14,8 lx
30%	44,4 lx
50%	74,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 148 lx

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

Total lumen output:

755 lm

Peak candela output:

11900 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + Smooth 5° Filter

Target:

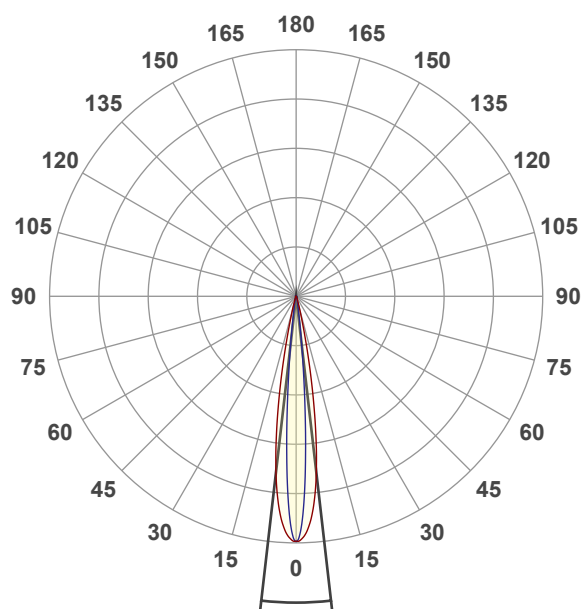
Blue

Operator:

Paolo Carvone

Date and time:

16/09/2022 16:34:07

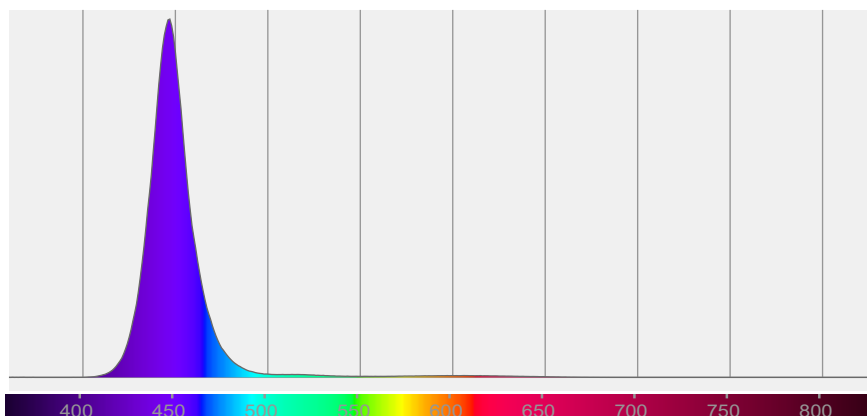


Beam angle 50%: 13,1°

Field angle 10%: 21,5°

Cut off angle 2.5%: 30,1°

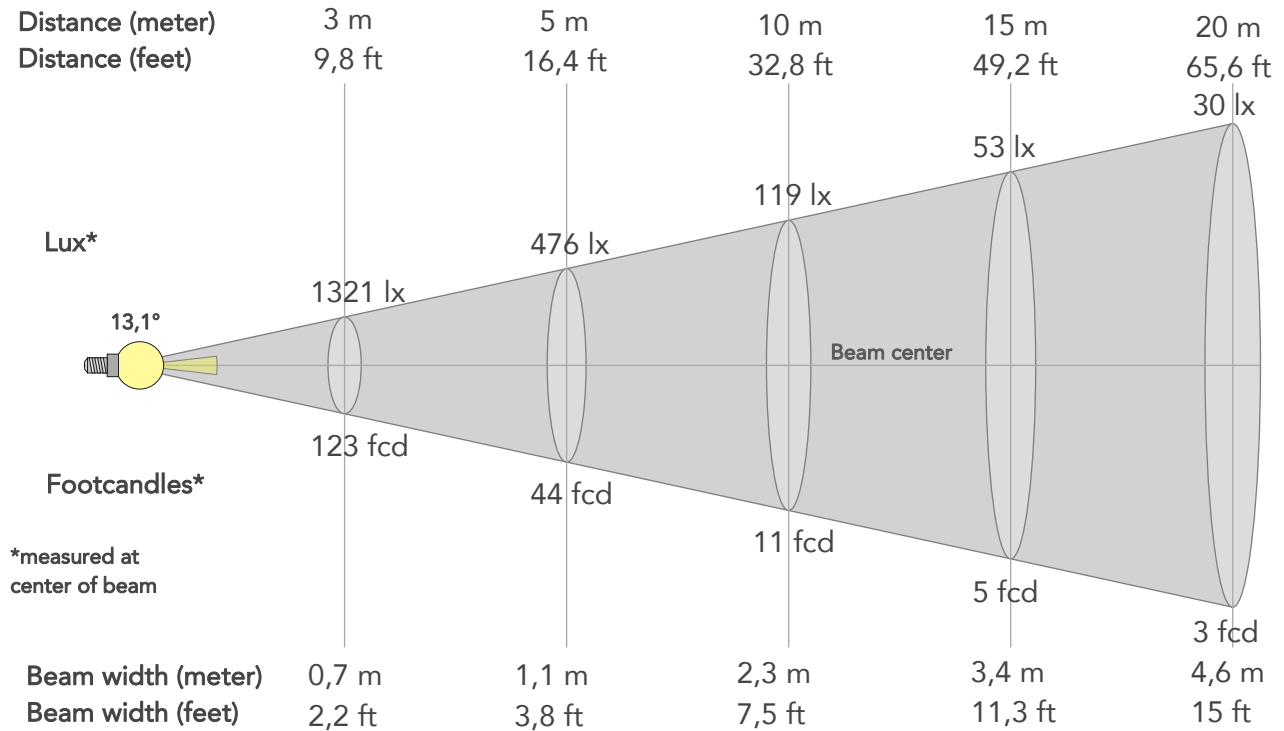
Spectra



BEAM DETAILS



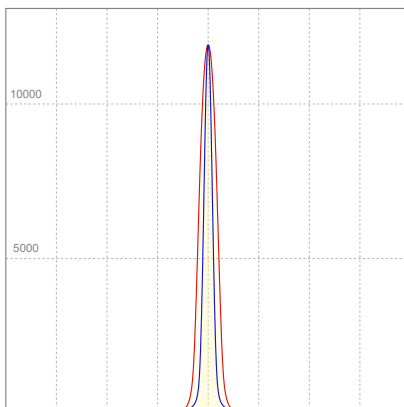
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,1°	21,5°	30,1°	99,9%	99,6%



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	11891lx	2973lx	1321lx	743lx	476lx	211lx	119lx	53lx	30lx	19lx	13lx	7lx	5lx
Footcand.	1105fcd	276fcd	123fcd	69fcd	44fcd	20fcd	11fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,2m	0,5m	0,7m	0,9m	1,1m	1,7m	2,3m	3,4m	4,6m	5,7m	6,9m	9,2m	11,5m
Beam wid.	0,8ft	1,5ft	2,2ft	3ft	3,8ft	5,6ft	7,5ft	11,3ft	15ft	18,8ft	22,5ft	30,1ft	37,6ft

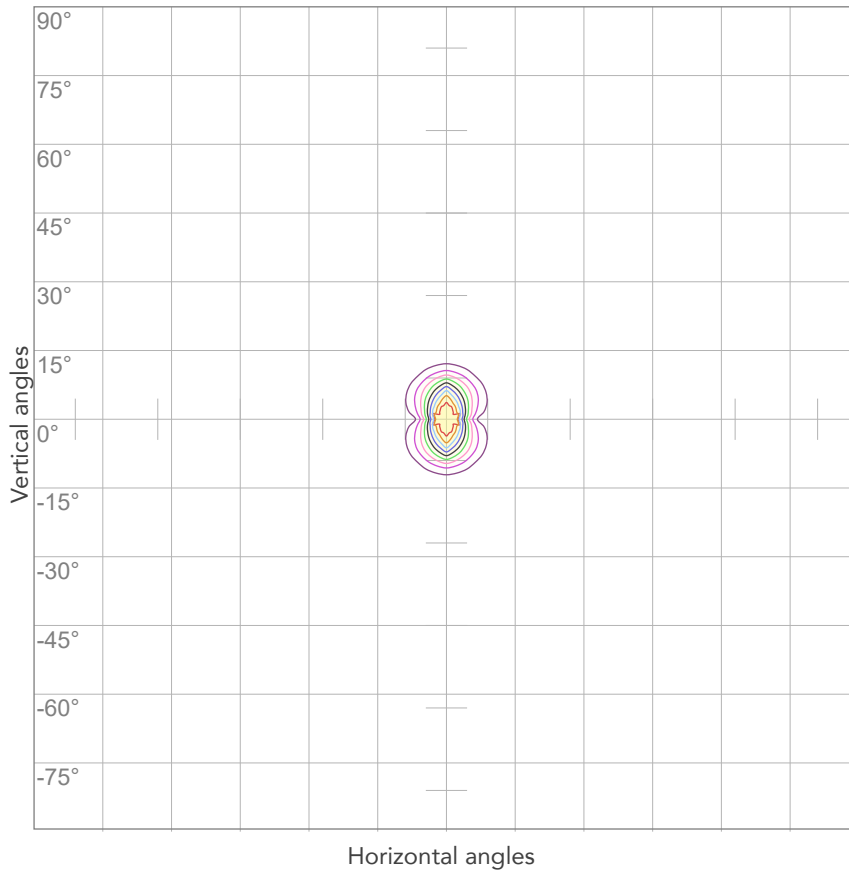
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,512A	109,9W	7lm/W
Power FC			
0,95			

ISO CANDELA DIAGRAM



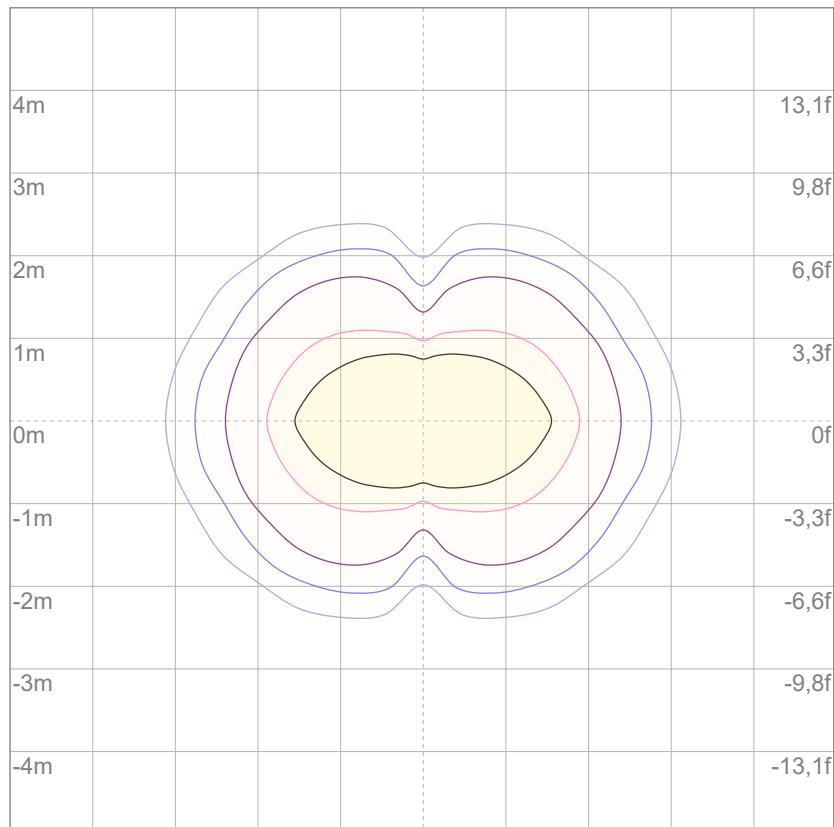
10%	1189 cd
20%	2378 cd
30%	3567 cd
40%	4756 cd
50%	5945 cd
60%	7134 cd
70%	8323 cd
80%	9512 cd

Conditions:

Number of c-planes: 4

Candela at center: 11891 cd

ISO LUX DIAGRAM



3%	3,57 lx
5%	5,95 lx
10%	11,9 lx
30%	35,7 lx
50%	59,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 119 lx

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

Total lumen output:

588 lm

Peak candela output:

2885 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 20° Filter

Target:

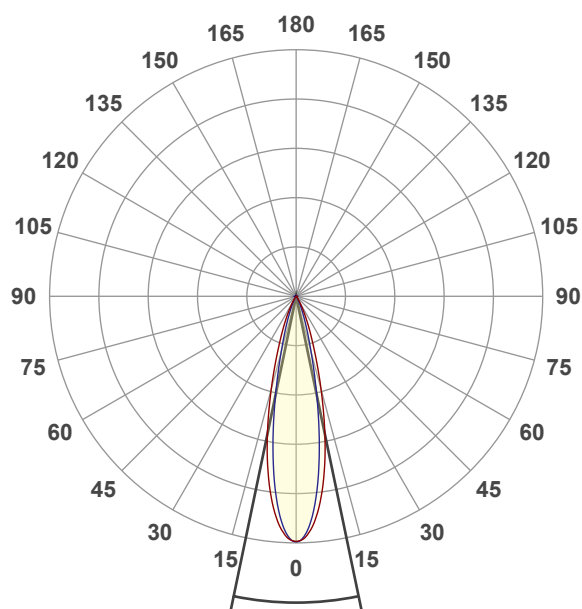
Blue

Operator:

Paolo Carvone

Date and time:

16/09/2022 16:37:44

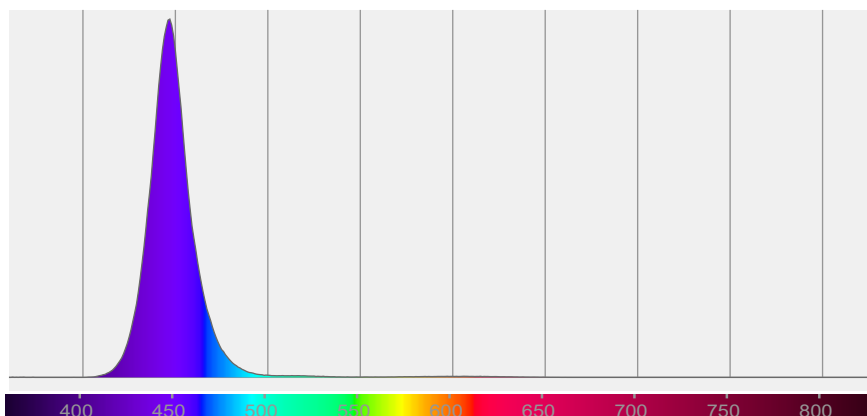


Beam angle 50%: 23,5°

Field angle 10%: 44°

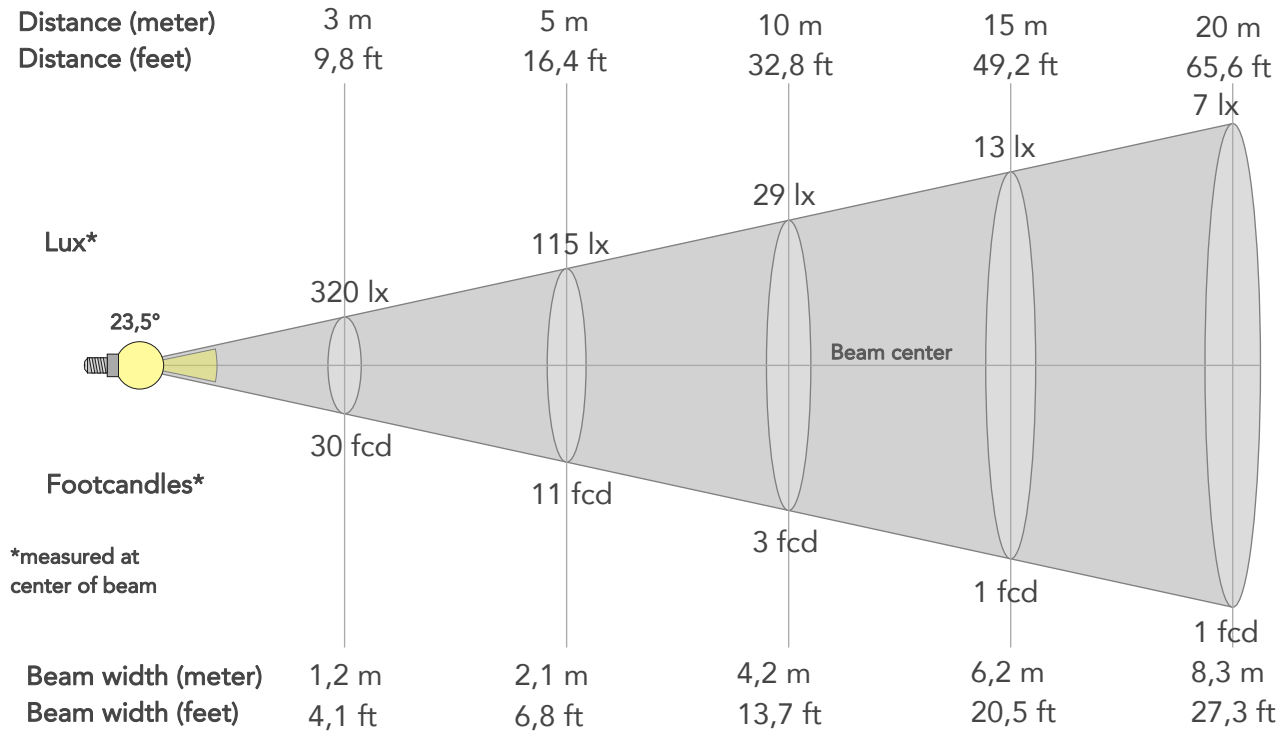
Cut off angle 2.5%: 58,5°

Spectra



BEAM DETAILS

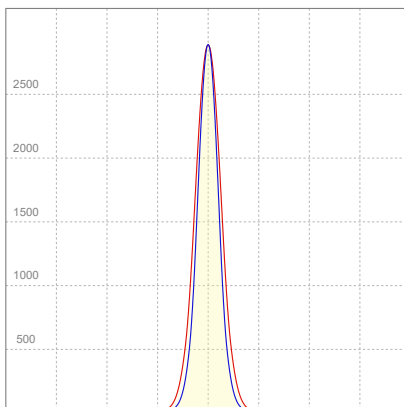
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,5°	44°	58,5°	99,9%	99,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	2884lx	721lx	320lx	180lx	115lx	51lx	29lx	13lx	7lx	5lx	3lx	2lx	1lx
Footcand.	268fcd	67fcd	30fcd	17fcd	11fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,2m	1,7m	2,1m	3,1m	4,2m	6,2m	8,3m	10,4m	12,5m	16,7m	20,8m
Beam wid.	1,4ft	2,7ft	4,1ft	5,5ft	6,8ft	10,2ft	13,7ft	20,5ft	27,3ft	34,2ft	41ft	54,7ft	68,3ft

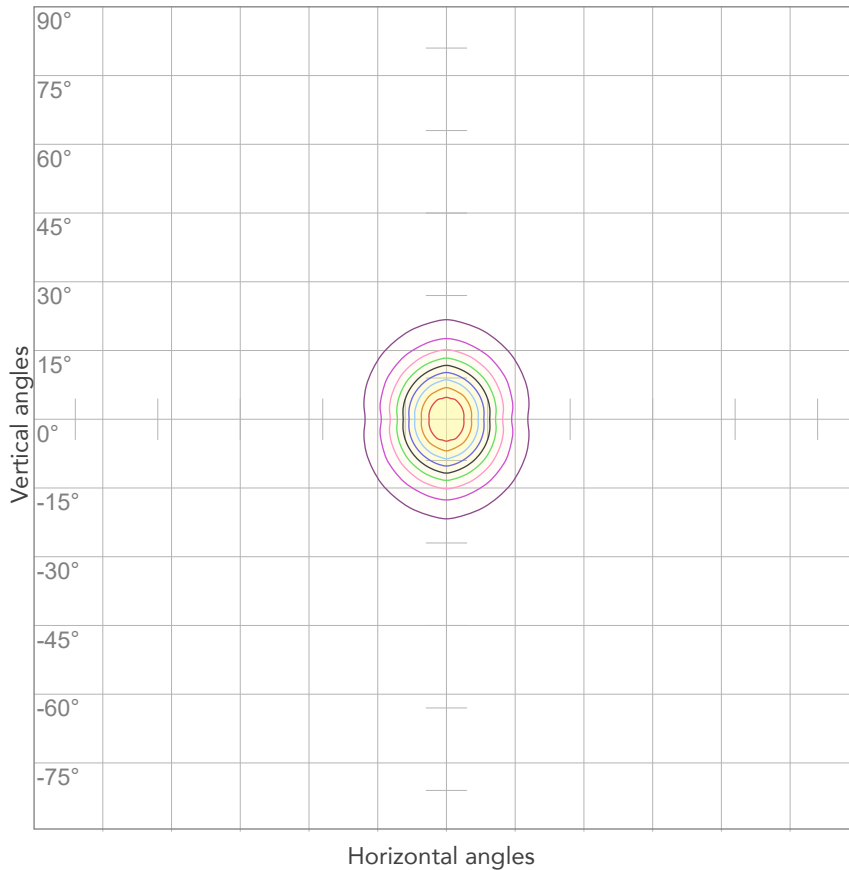
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,511A	109,2W	5lm/W
Power FC			
0,95			

ISO CANDELA DIAGRAM



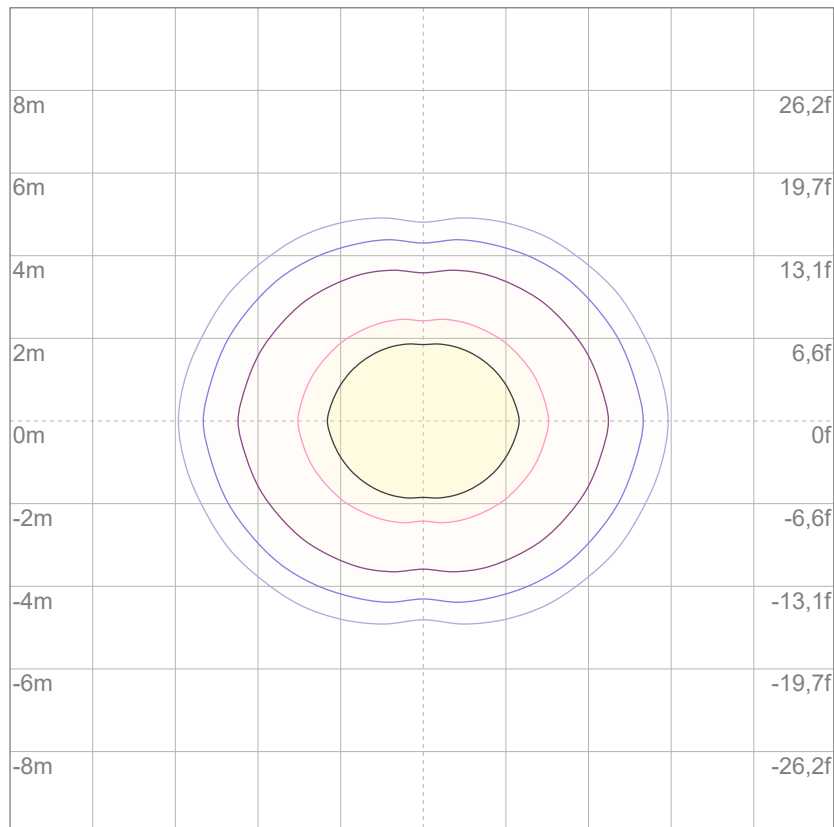
10%	288 cd
20%	577 cd
30%	865 cd
40%	1154 cd
50%	1442 cd
60%	1730 cd
70%	2019 cd
80%	2307 cd

Conditions:

Number of c-planes: 4

Candela at center: 2884 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,865 lx
5%	1,44 lx
10%	2,88 lx
30%	8,65 lx
50%	14,4 lx

Conditions:

Number of c-planes: 4

Lux at center: 28,8 lx

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

Total lumen output:

688 lm

Peak candela output:

1129 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 40° Filter

Target:

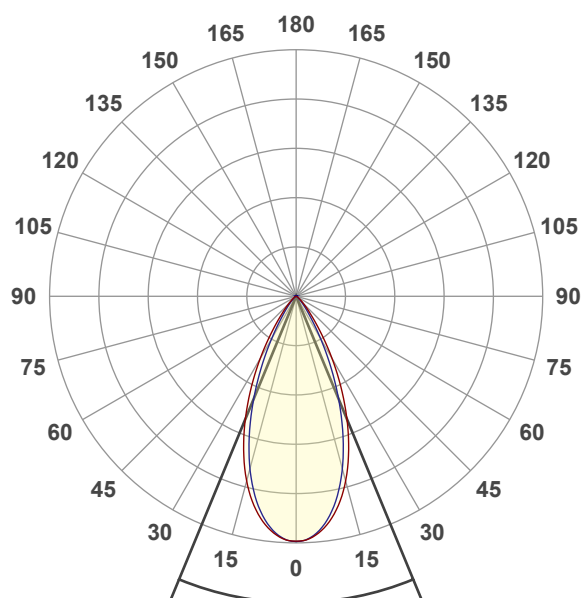
Blue

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:04:48

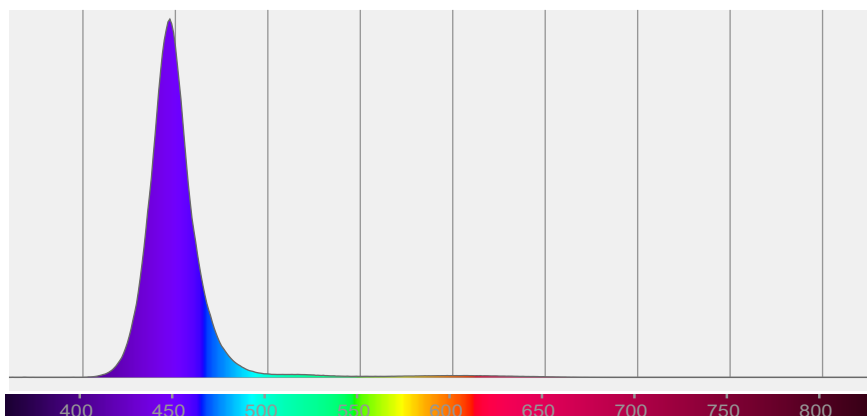


Beam angle 50%: 44,9°

Field angle 10%: 73,3°

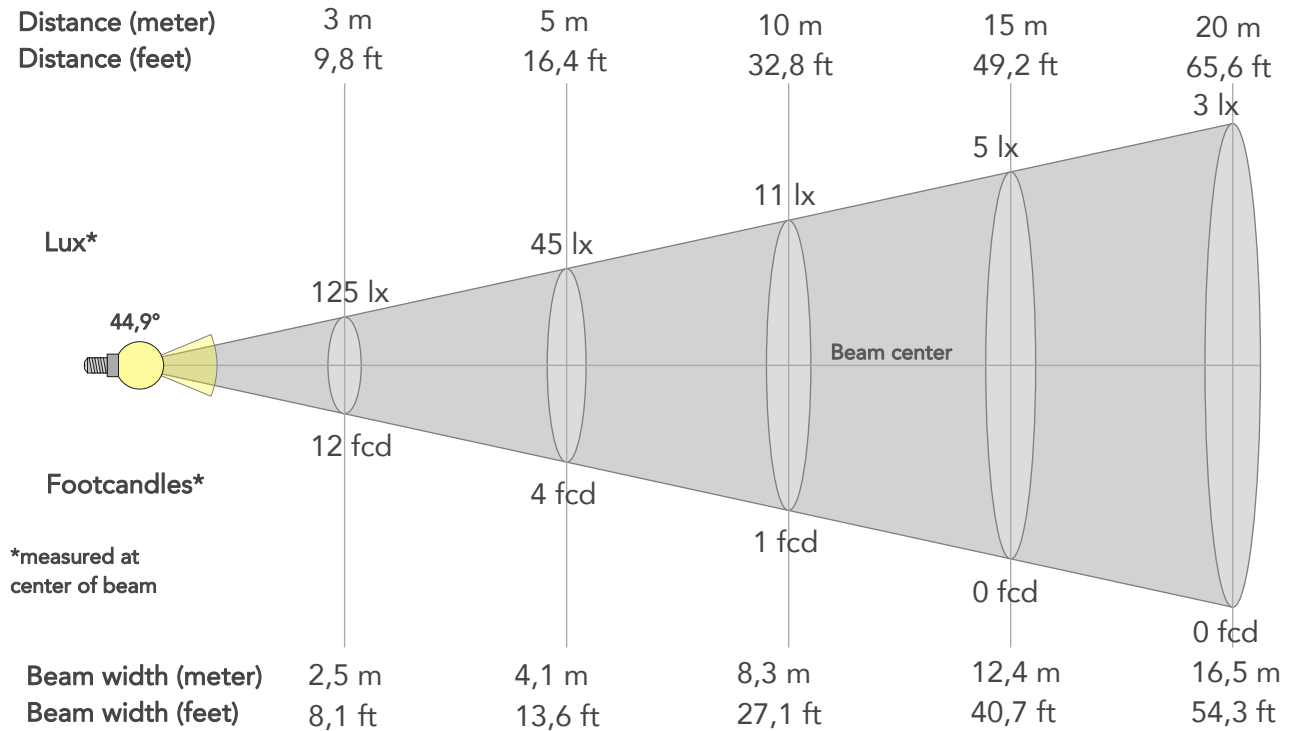
Cut off angle 2.5%: 93,9°

Spectra



BEAM DETAILS

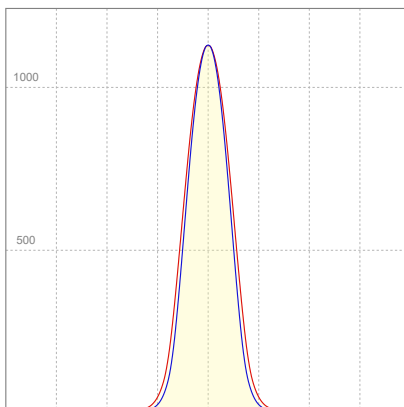
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44,9°	73,3°	93,9°	99,1%	95,9%



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	1129lx	282lx	125lx	71lx	45lx	20lx	11lx	5lx	3lx	2lx	1lx	1lx	0lx
Footcand.	105fcd	26fcd	12fcd	7fcd	4fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,3m	4,1m	6,2m	8,3m	12,4m	16,5m	20,7m	24,8m	33,1m	41,4m
Beam wid.	2,7ft	5,5ft	8,1ft	10,8ft	13,6ft	20,3ft	27,1ft	40,7ft	54,3ft	67,8ft	81,4ft	108,5ft	135,7ft

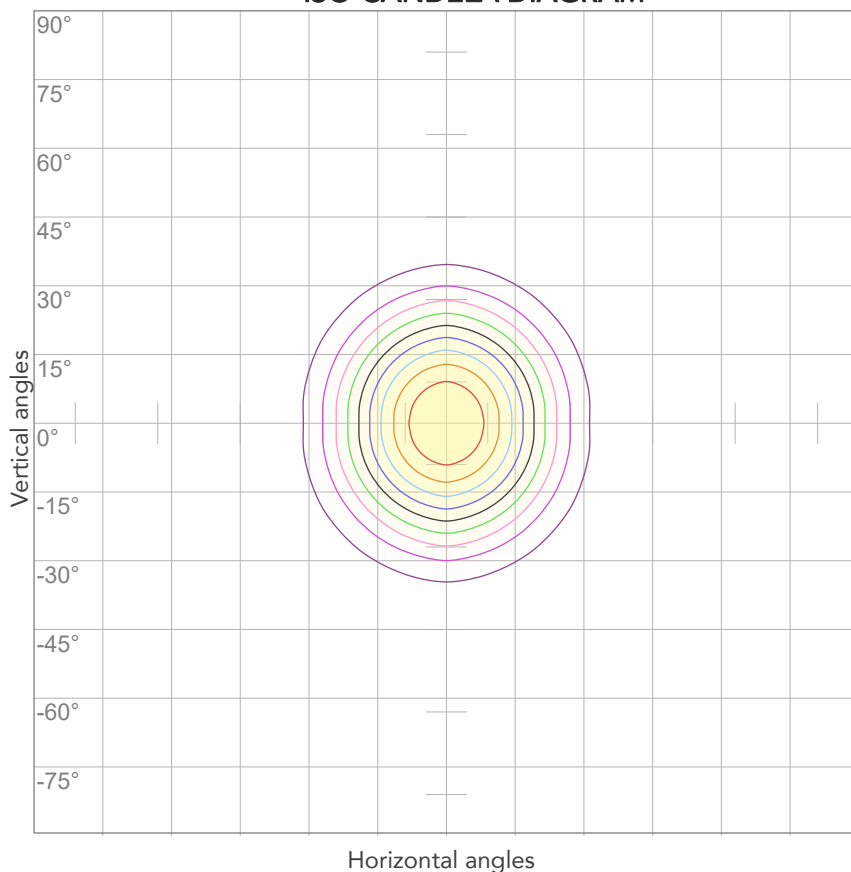
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,508A	108,8W	6lm/W
Power FC			
0,95			

ISO CANDELA DIAGRAM



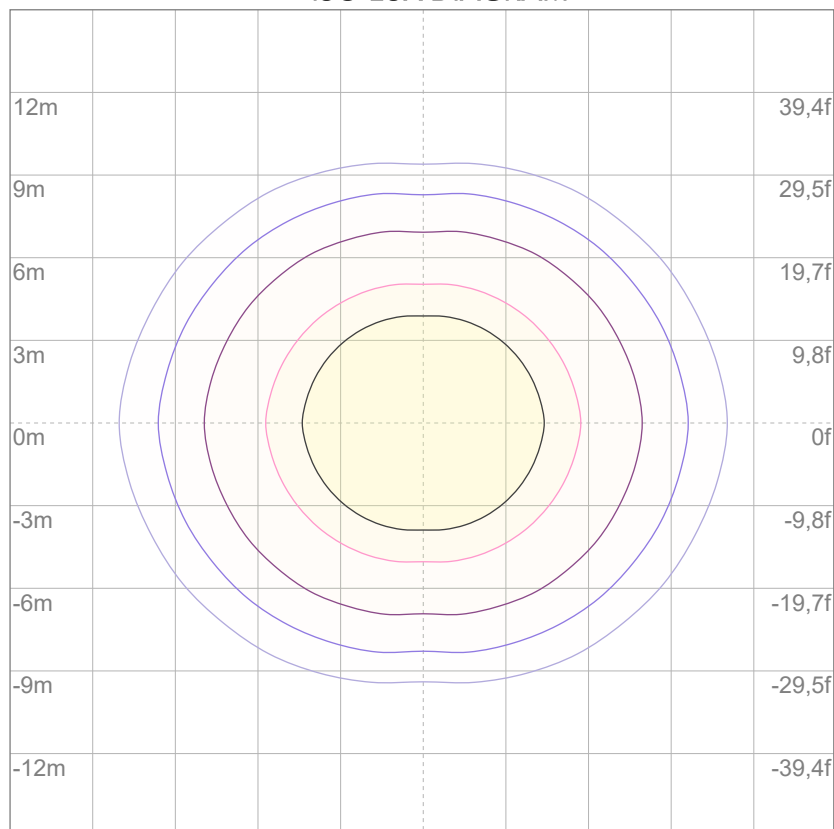
10%	113 cd
20%	226 cd
30%	339 cd
40%	452 cd
50%	564 cd
60%	677 cd
70%	790 cd
80%	903 cd

Conditions:

Number of c-planes: 4

Candela at center: 1129 cd

ISO LUX DIAGRAM



3%	0,339 lx
5%	0,564 lx
10%	1,13 lx
30%	3,39 lx
50%	5,64 lx

Conditions:

Number of c-planes: 4

Lux at center: 11,3 lx

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

Total lumen output:

704 lm

Peak candela output:

846 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 60° Filter

Target:

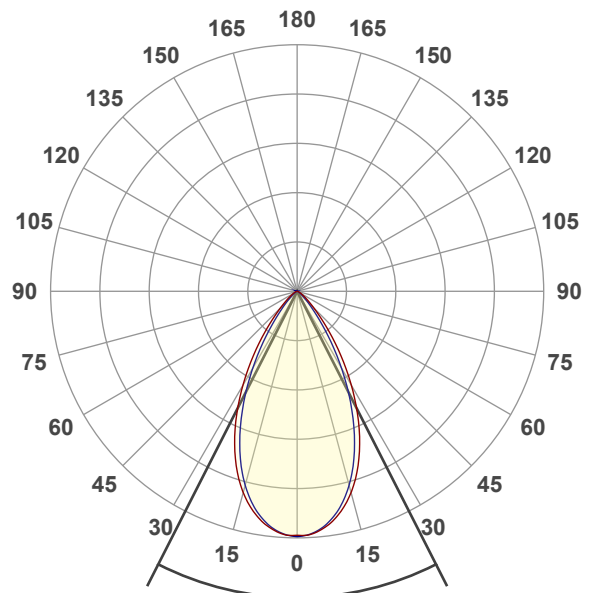
Blue

Operator:

Paolo Carvone

Date and time:

16/09/2022 16:43:17

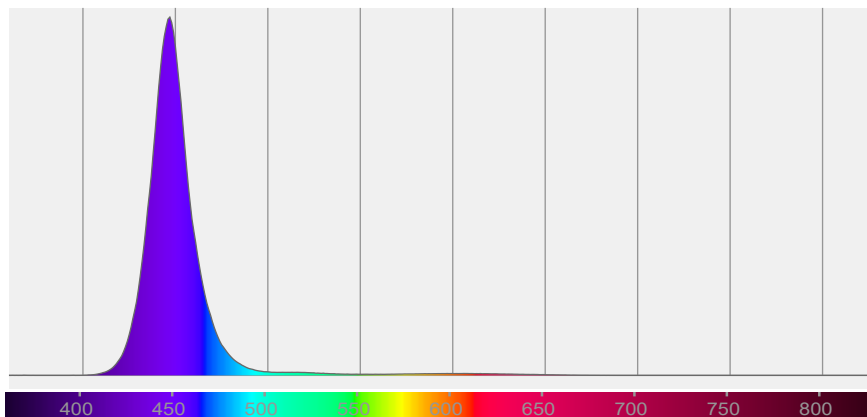


Beam angle 50%: 53,9°

Field angle 10%: 85,5°

Cut off angle 2.5%: 108,1°

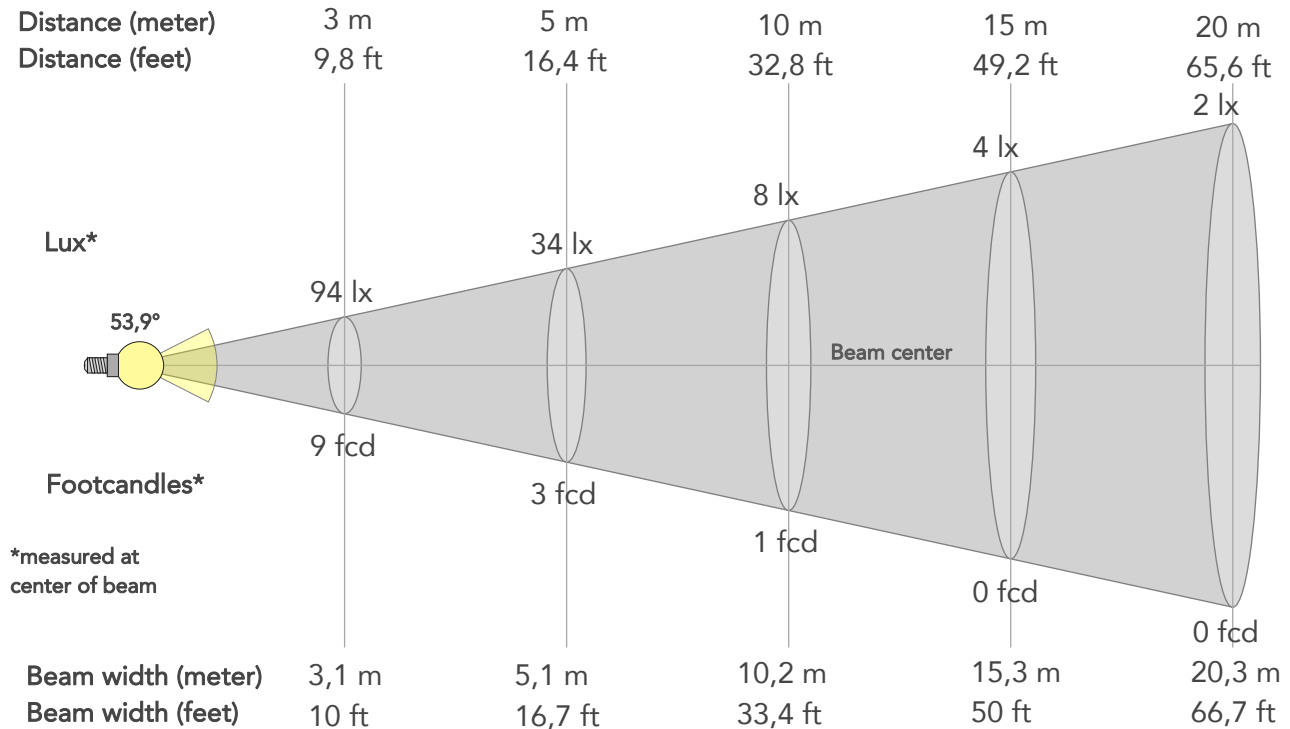
Spectra



BEAM DETAILS



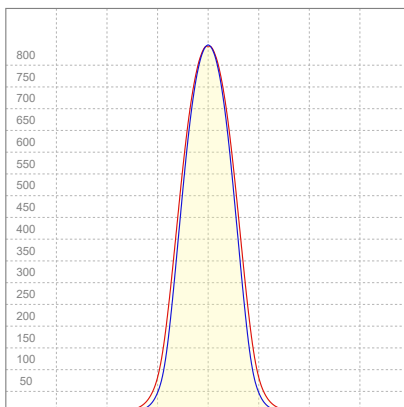
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
53,9°	85,5°	108,1°	98,7%	93,3%



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	844lx	211lx	94lx	53lx	34lx	15lx	8lx	4lx	2lx	1lx	1lx	1lx	0lx
Footcand.	78fcd	20fcd	9fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2m	3,1m	4,1m	5,1m	7,6m	10,2m	15,3m	20,3m	25,4m	30,5m	40,7m	50,9m
Beam wid.	3,4ft	6,7ft	10ft	13,3ft	16,7ft	25ft	33,4ft	50ft	66,7ft	83,4ft	100,1ft	133,5ft	166,8ft

LINEAR DISTRIBUTION DIAGRAM

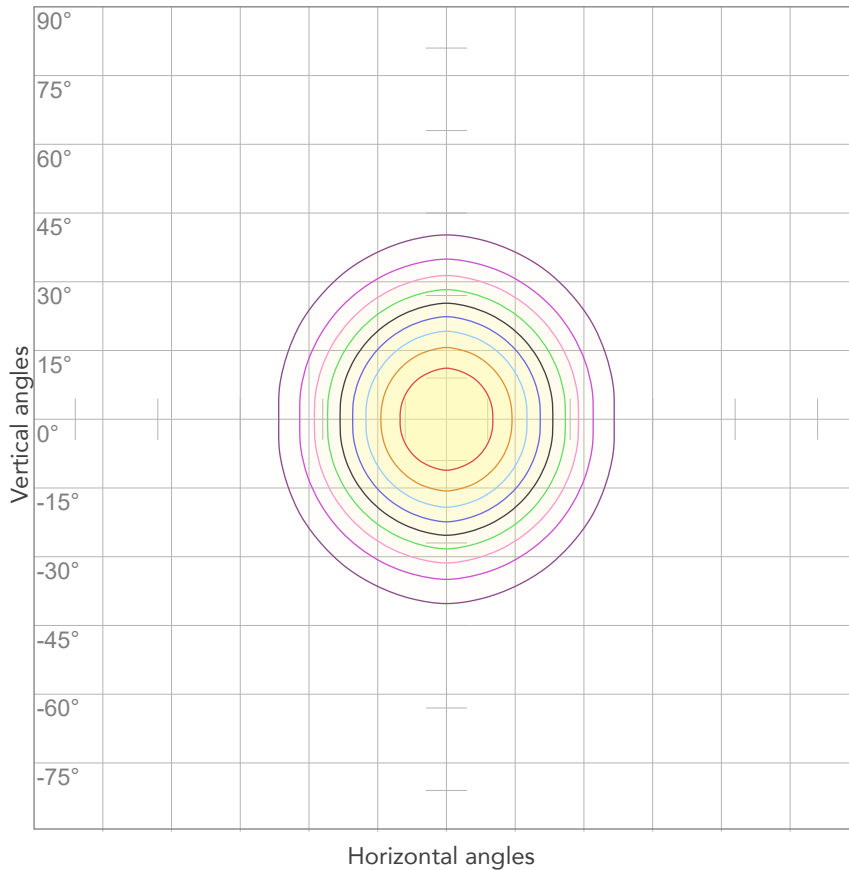


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,508A	108,7W	6lm/W

Power FC
0,95

ISO CANDELA DIAGRAM



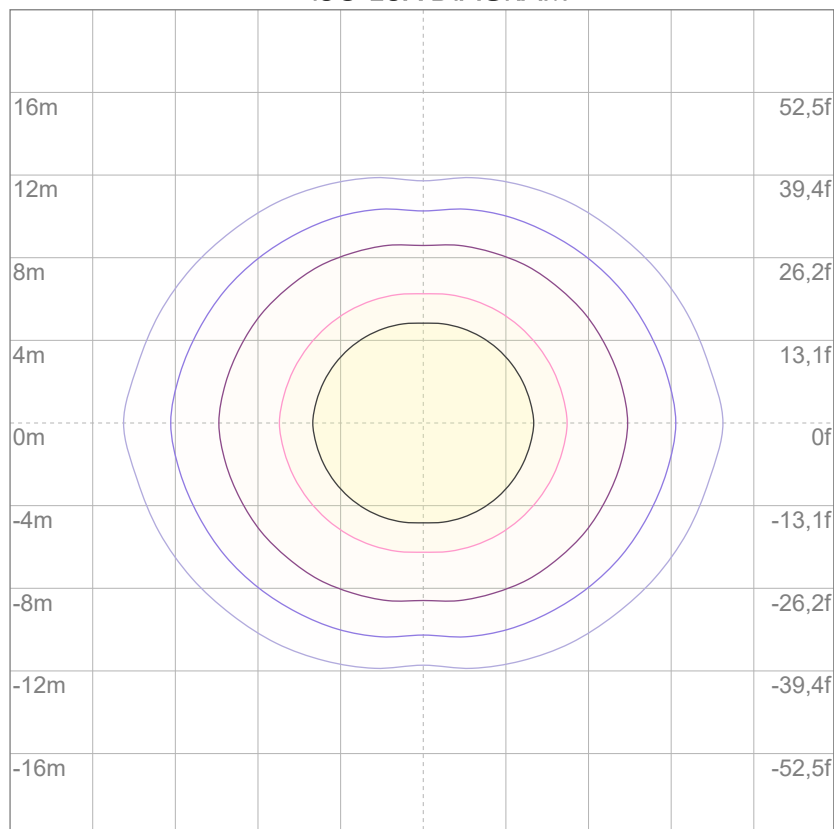
10%	84 cd
20%	169 cd
30%	253 cd
40%	338 cd
50%	422 cd
60%	506 cd
70%	591 cd
80%	675 cd

Conditions:

Number of c-planes: 4

Candela at center: 844 cd

ISO LUX DIAGRAM



3%	0,253 lx
5%	0,422 lx
10%	0,844 lx
30%	2,53 lx
50%	4,22 lx

Conditions:

Number of c-planes: 4

Lux at center: 8,44 lx

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

Total lumen output:

8134 lm

Peak candela output:

139479 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic No. Filter

Target:

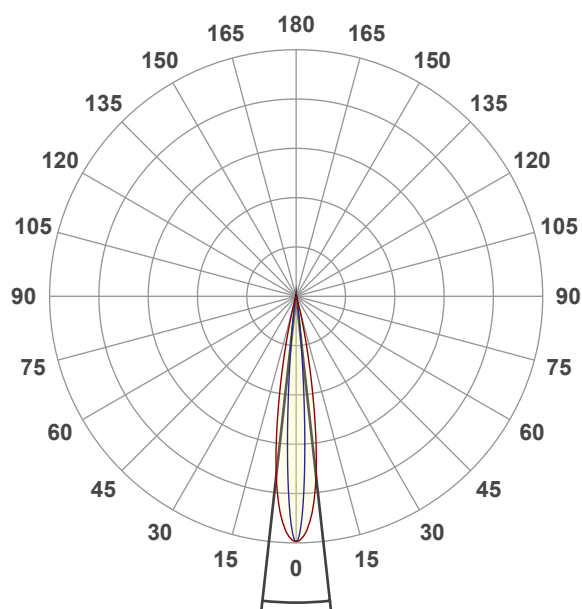
White

Operator:

Paolo Carvone

Date and time:

16/09/2022 16:47:07

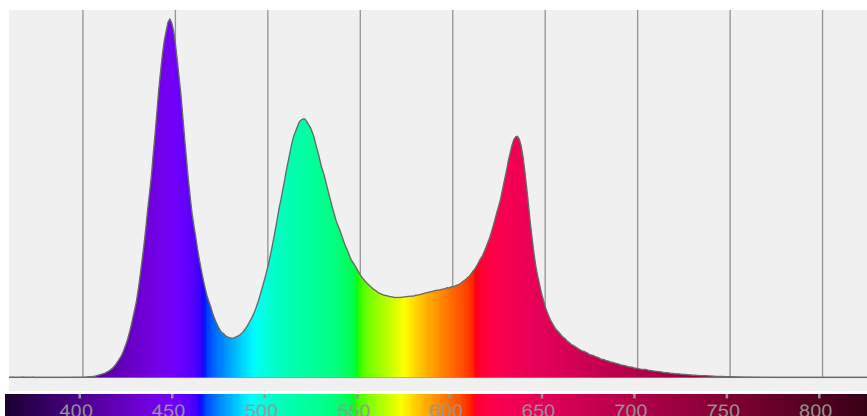


Beam angle 50%: 12,6°

Field angle 10%: 21,1°

Cut off angle 2.5%: 29,2°

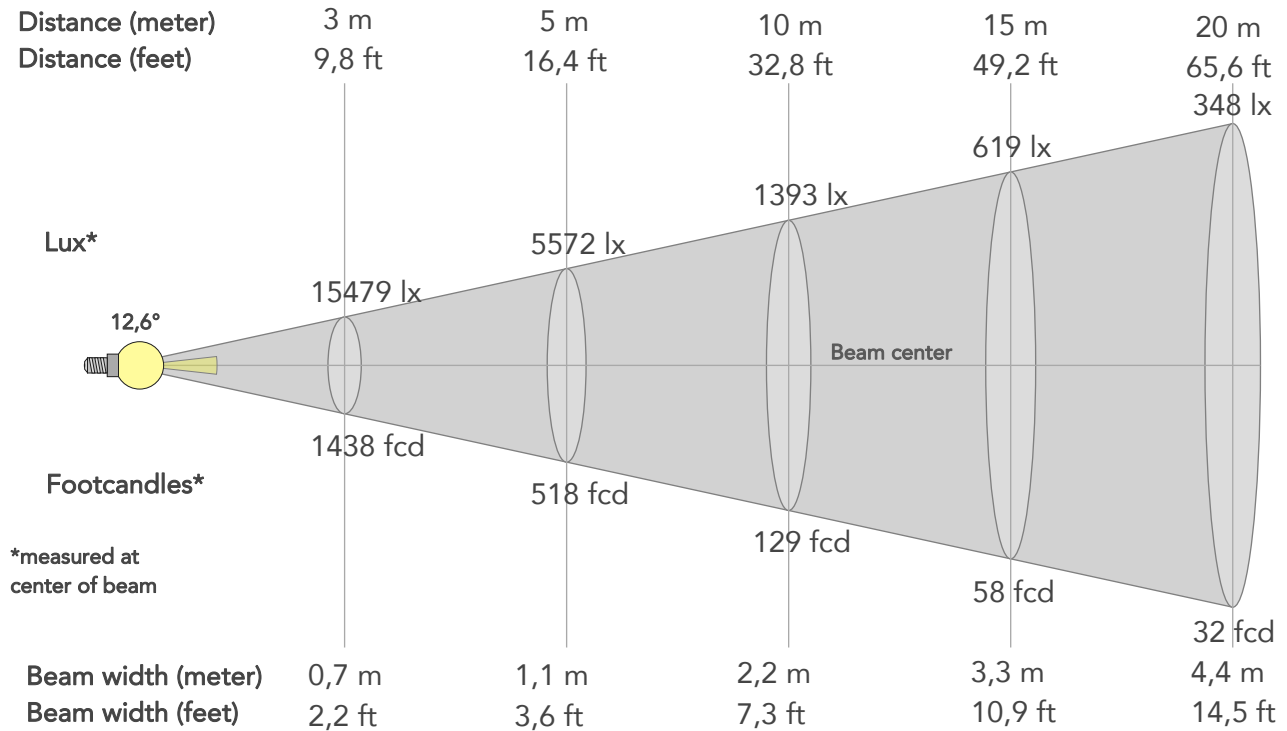
Spectra



BEAM DETAILS



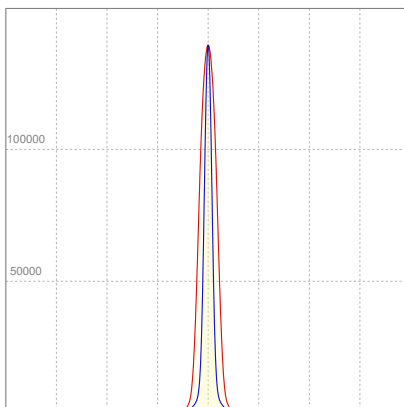
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,6°	21,1°	29,2°	100,0%	100,0%



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	139311lx	34828lx	15479lx	8707lx	5572lx	2477lx	1393lx	619lx	348lx	223lx	155lx	87lx	56lx
Footcand.	12942fcd	3236fcd	1438fcd	809fcd	518fcd	230fcd	129fcd	58fcd	32fcd	21fcd	14fcd	8fcd	5fcd
Beam wid.	0,2m	0,4m	0,7m	0,9m	1,1m	1,7m	2,2m	3,3m	4,4m	5,5m	6,7m	8,9m	11,1m
Beam wid.	0,7ft	1,5ft	2,2ft	2,9ft	3,6ft	5,5ft	7,3ft	10,9ft	14,5ft	18,2ft	21,8ft	29,1ft	36,4ft

LINEAR DISTRIBUTION DIAGRAM

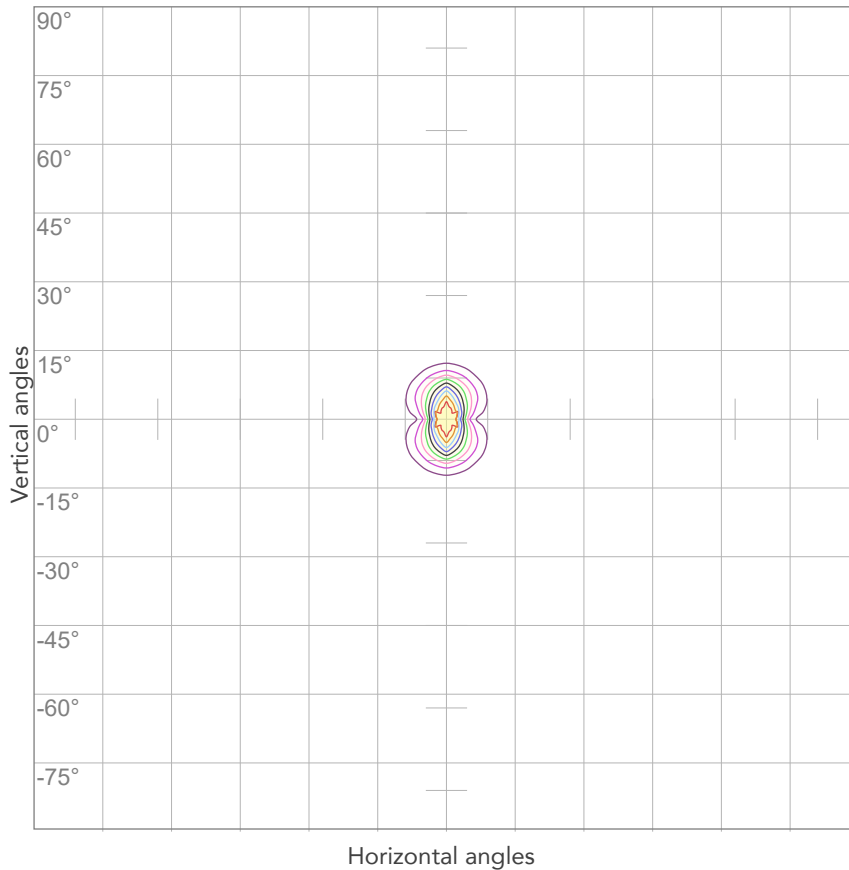


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	1,14A	254,2W	32lm/W

Power FC
0,99

ISO CANDELA DIAGRAM



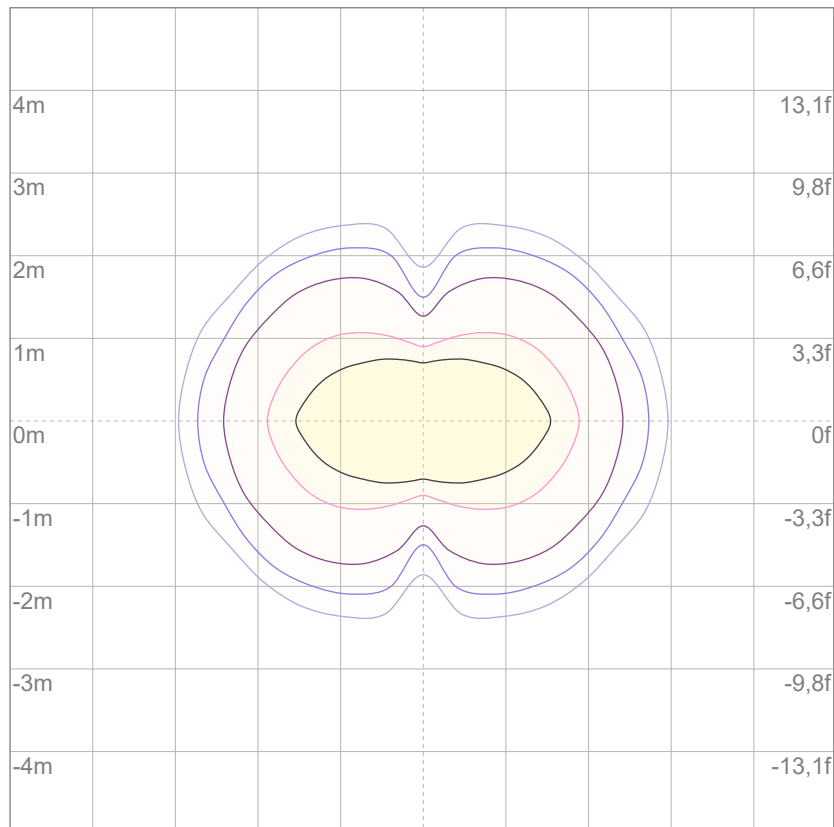
10%	13931 cd
20%	27862 cd
30%	41793 cd
40%	55724 cd
50%	69655 cd
60%	83586 cd
70%	97518 cd
80%	111449 cd

Conditions:

Number of c-planes: 4

Candela at center: 139311 cd

ISO LUX DIAGRAM



3%	41,8 lx
5%	69,7 lx
10%	139 lx
30%	418 lx
50%	697 lx

Conditions:

Number of c-planes: 4

Lux at center: 1393 lx

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

Total lumen output:

7295 lm

Peak candela output:

109829 cd



PRODUCT NAME:

LUMIPIXB100

MEASUREMENT CONDITIONS:

Beam angle:

Native Optic + Smooth 5° Filter

Target:

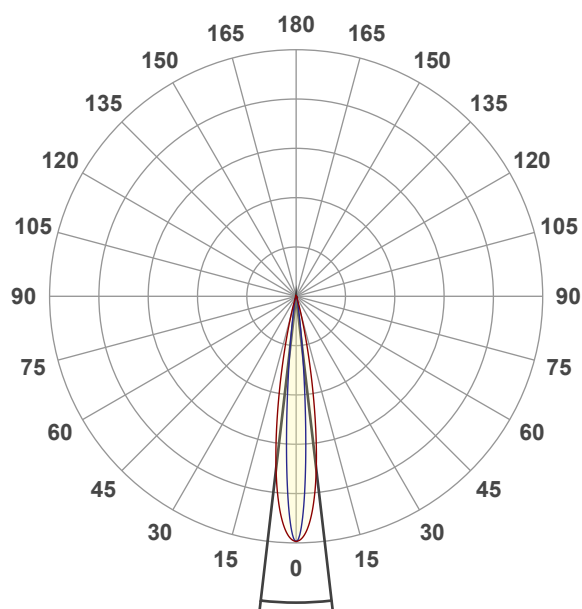
White

Operator:

Paolo Carvone

Date and time:

16/09/2022 16:51:09

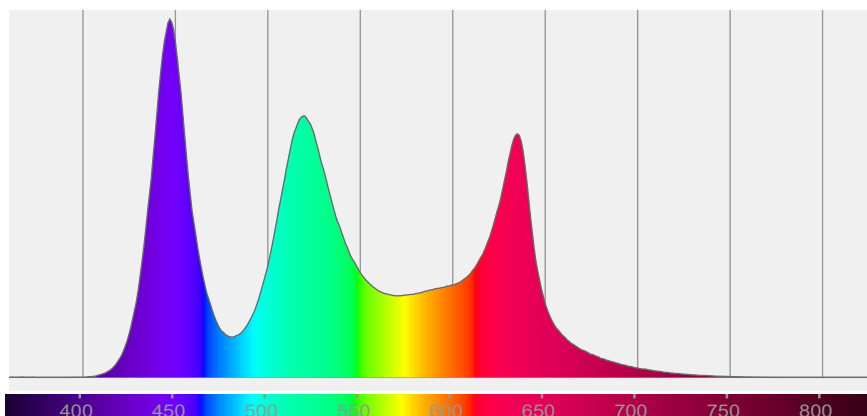


Beam angle 50%: 13,3°

Field angle 10%: 23°

Cut off angle 2.5%: 32,8°

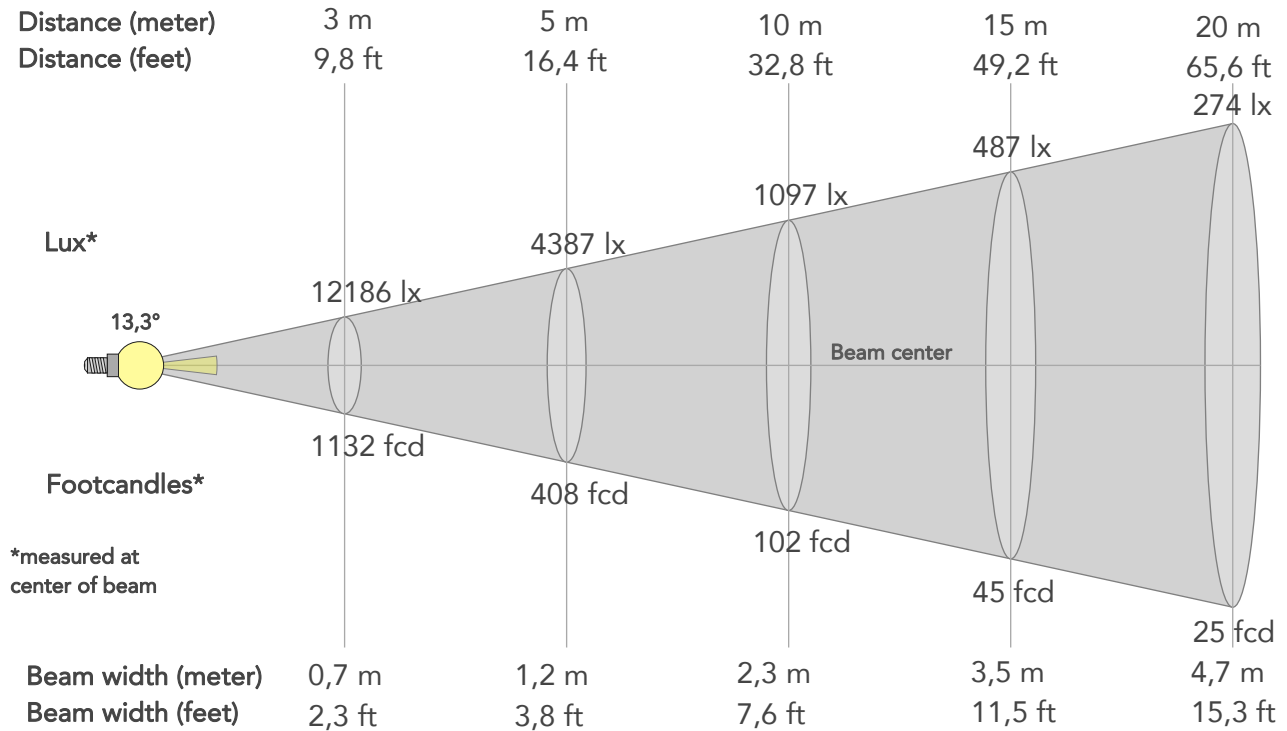
Spectra



BEAM DETAILS



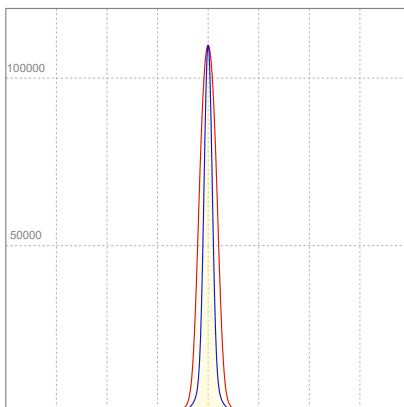
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,3°	23°	32,8°	100,0%	100,0%



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	109678lx	27419lx	12186lx	6855lx	4387lx	1950lx	1097lx	487lx	274lx	175lx	122lx	69lx	44lx
Footcand.	10189fcd	2547fcd	1132fcd	637fcd	408fcd	181fcd	102fcd	45fcd	25fcd	16fcd	11fcd	6fcd	4fcd
Beam wid.	0,2m	0,5m	0,7m	0,9m	1,2m	1,7m	2,3m	3,5m	4,7m	5,8m	7m	9,3m	11,6m
Beam wid.	0,8ft	1,5ft	2,3ft	3ft	3,8ft	5,7ft	7,6ft	11,5ft	15,3ft	19,1ft	22,9ft	30,5ft	38,2ft

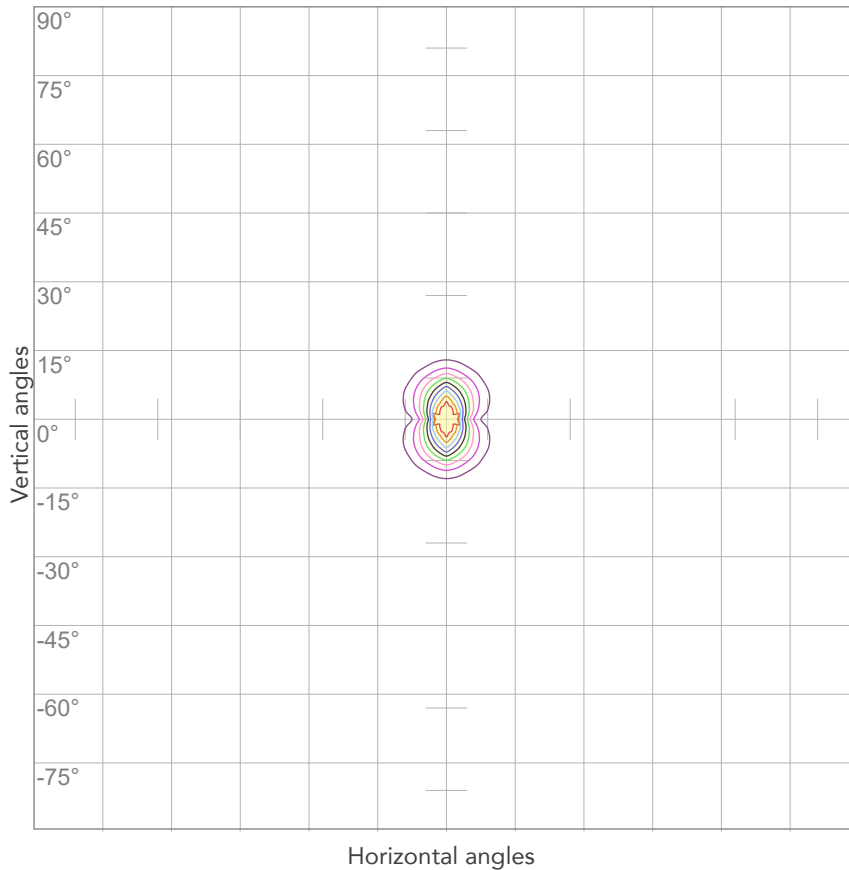
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	1,13A	253,3W	29lm/W
Power FC			
0,99			

ISO CANDELA DIAGRAM



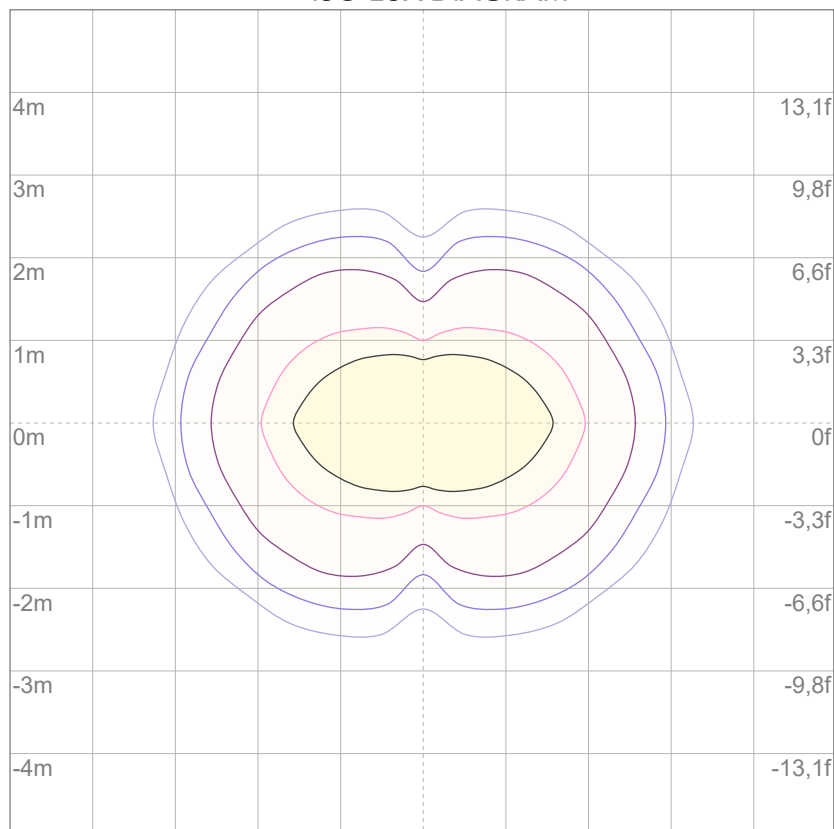
10%	10968 cd
20%	21936 cd
30%	32903 cd
40%	43871 cd
50%	54839 cd
60%	65807 cd
70%	76775 cd
80%	87742 cd

Conditions:

Number of c-planes: 4

Candela at center: 109678 cd

ISO LUX DIAGRAM



3%	32,9 lx
5%	54,8 lx
10%	110 lx
30%	329 lx
50%	548 lx

Conditions:

Number of c-planes: 4

Lux at center: 1097 lx

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

Total lumen output:

6859 lm

Peak candela output:

29223 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 20° Filter

Target:

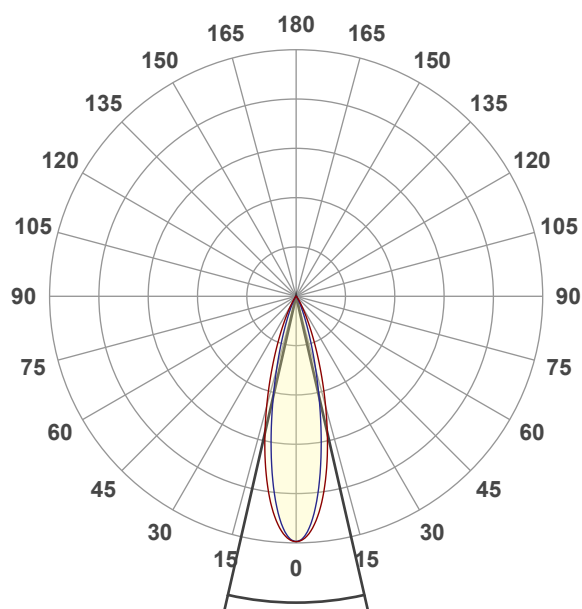
White

Operator:

Paolo Carvone

Date and time:

16/09/2022 16:54:11

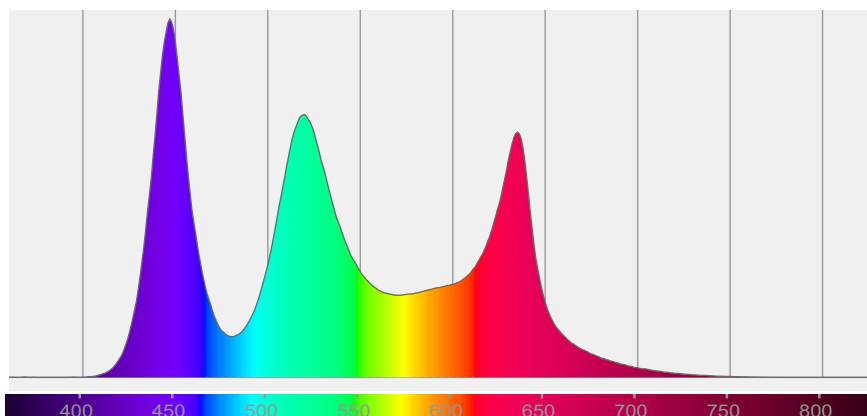


Beam angle 50%: 25,7°

Field angle 10%: 47,3°

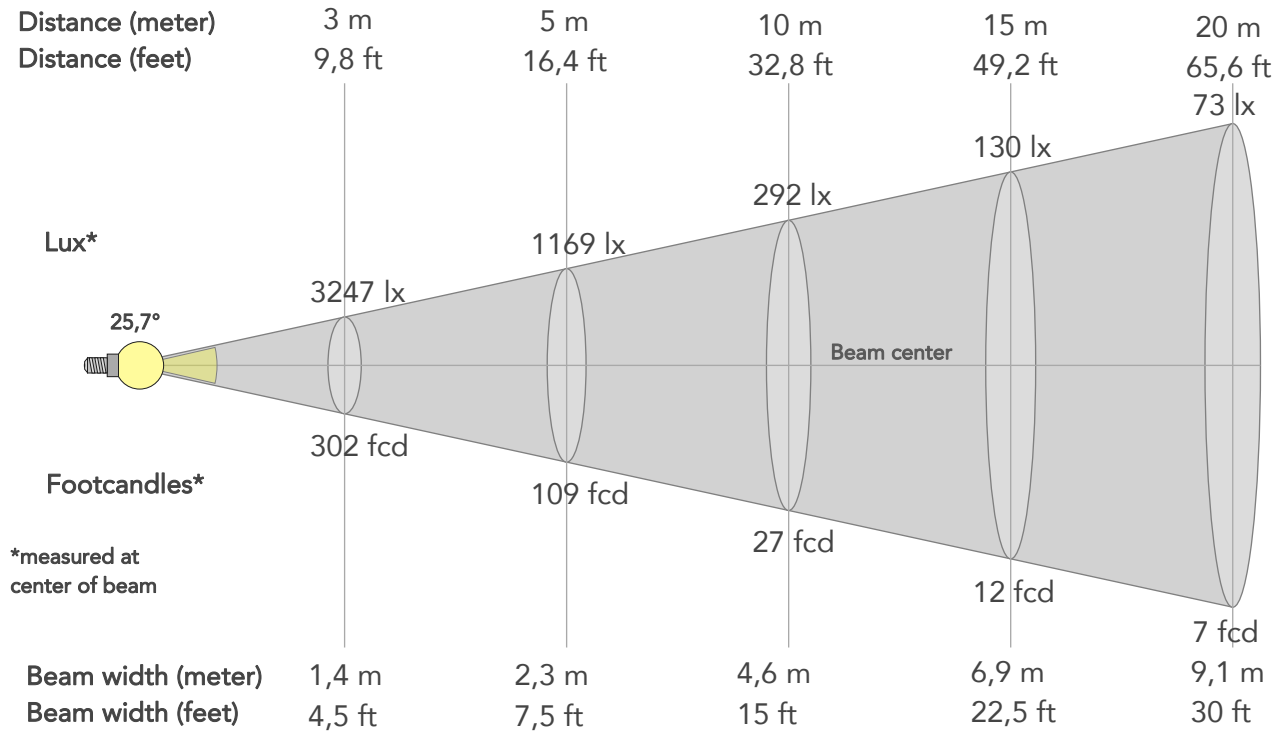
Cut off angle 2.5%: 61,6°

Spectra



BEAM DETAILS

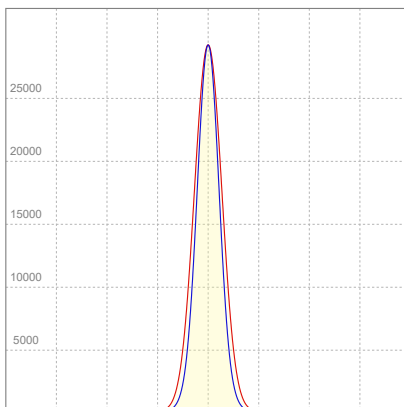
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25,7°	47,3°	61,6°	100,0%	99,7%



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	29221lx	7305lx	3247lx	1826lx	1169lx	519lx	292lx	130lx	73lx	47lx	32lx	18lx	12lx
Footcand.	2715fcd	679fcd	302fcd	170fcd	109fcd	48fcd	27fcd	12fcd	7fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,5m	0,9m	1,4m	1,8m	2,3m	3,4m	4,6m	6,9m	9,1m	11,4m	13,7m	18,3m	22,8m
Beam wid.	1,5ft	3ft	4,5ft	6ft	7,5ft	11,2ft	15ft	22,5ft	30ft	37,5ft	45ft	59,9ft	74,9ft

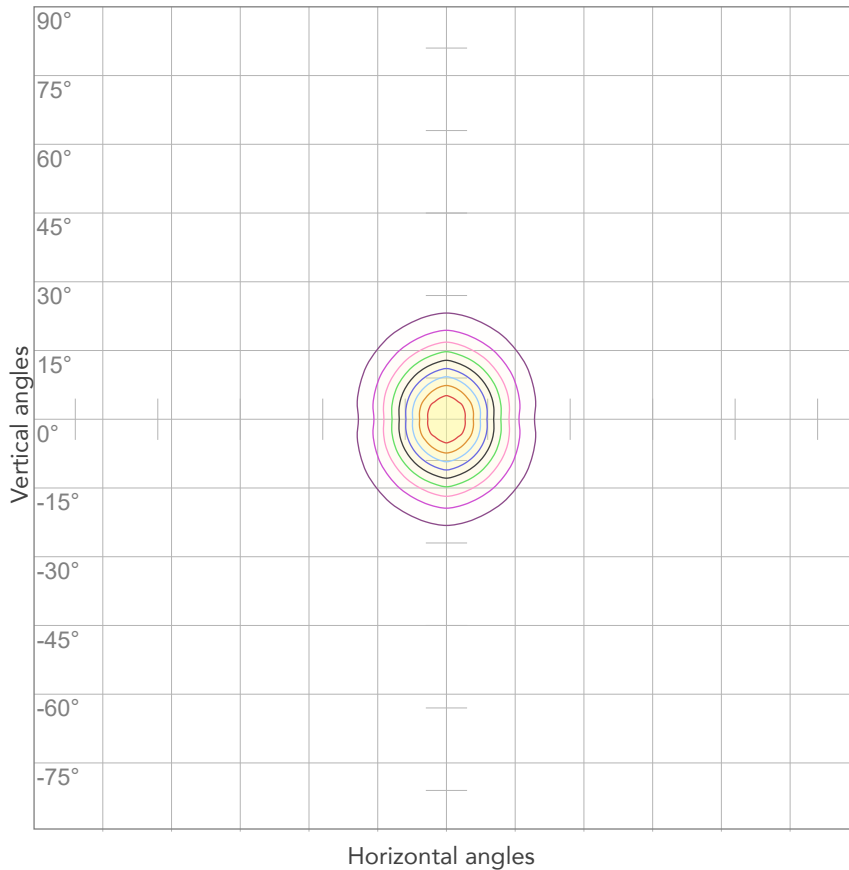
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	1,15A	254W	27lm/W
Power FC			
0,99			

ISO CANDELA DIAGRAM



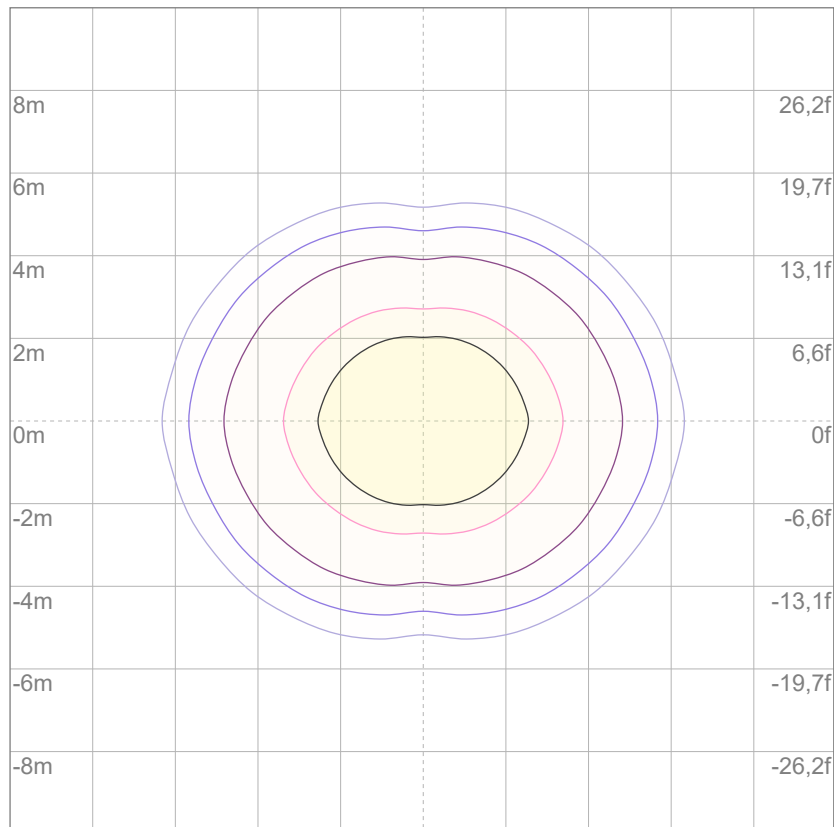
10%	2922 cd
20%	5844 cd
30%	8766 cd
40%	11688 cd
50%	14610 cd
60%	17532 cd
70%	20455 cd
80%	23377 cd

Conditions:

Number of c-planes: 4

Candela at center: 29221 cd

ISO LUX DIAGRAM



3%	8,77 lx
5%	14,6 lx
10%	29,2 lx
30%	87,7 lx
50%	146 lx

Conditions:

Number of c-planes: 4

Lux at center: 292 lx

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

Total lumen output:

7103 lm

Peak candela output:

10563 cd



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 40° Filter

Target:

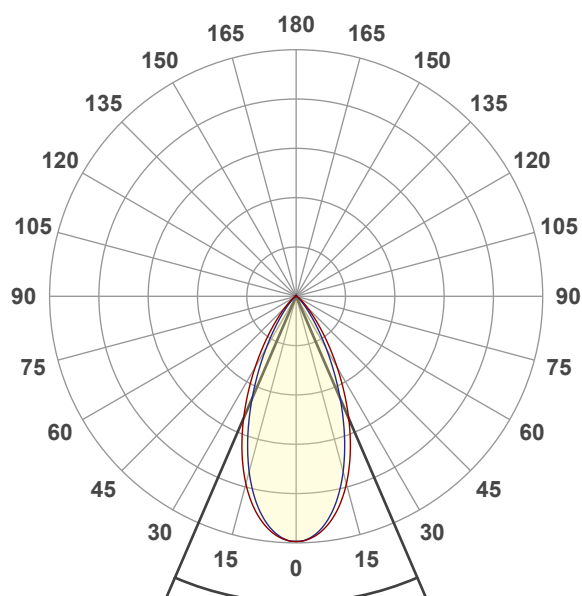
White

Operator:

Paolo Carvone

Date and time:

16/09/2022 16:57:00

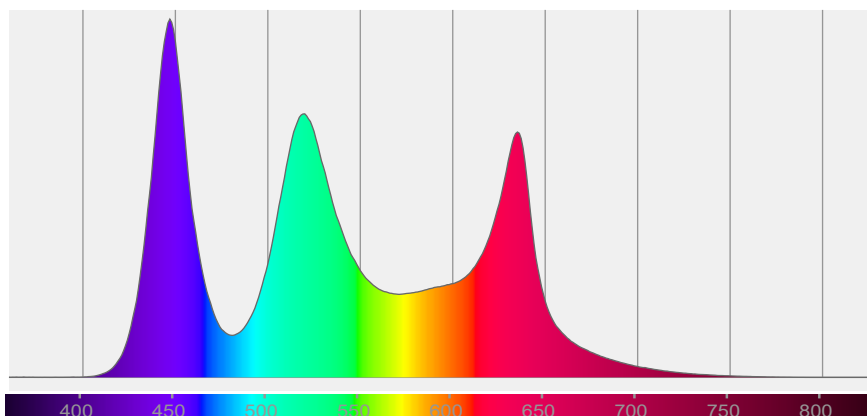


Beam angle 50%: 46,6°

Field angle 10%: 78,6°

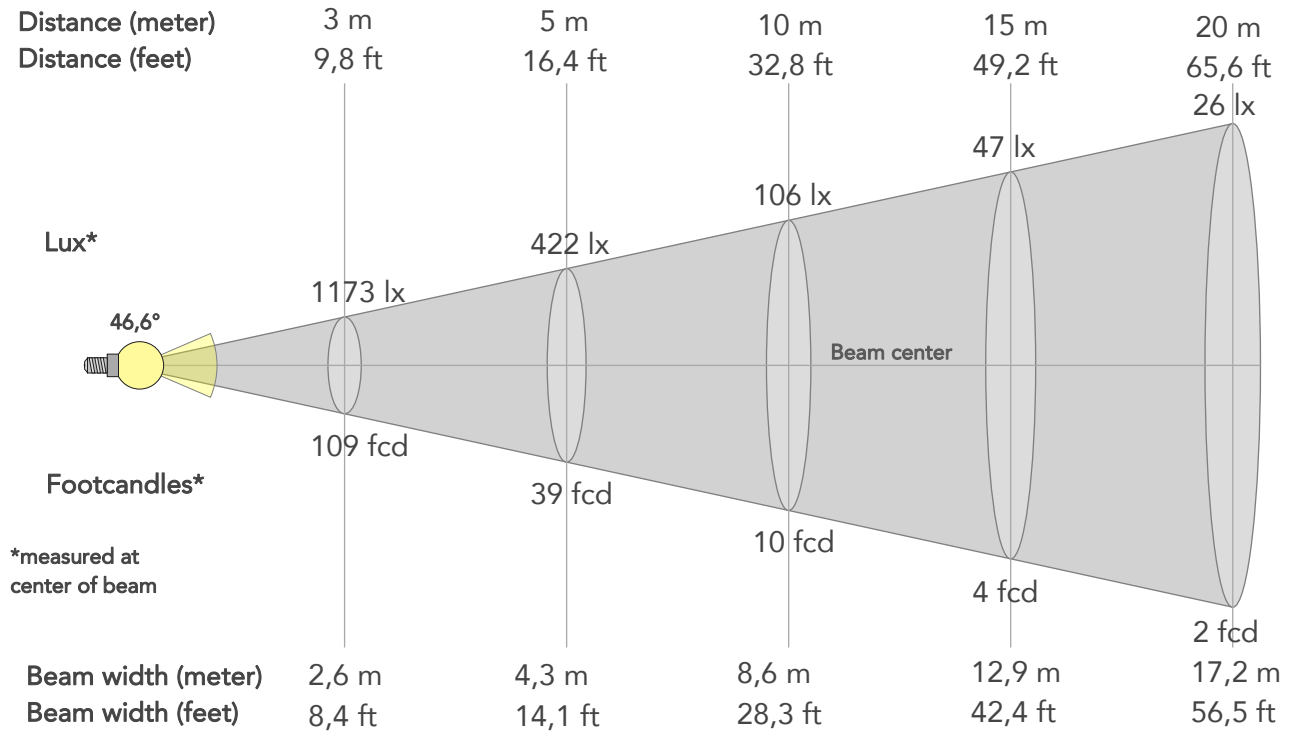
Cut off angle 2.5%: 100,1°

Spectra



BEAM DETAILS

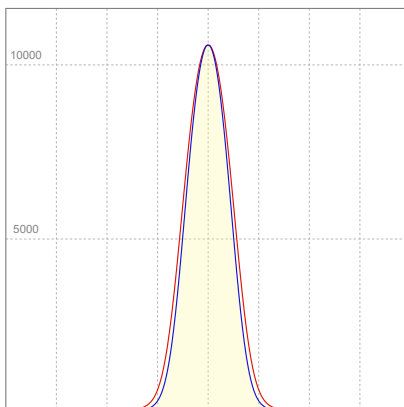
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,6°	78,6°	100,1°	99,0%	94,8%



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	10558lx	2639lx	1173lx	660lx	422lx	188lx	106lx	47lx	26lx	17lx	12lx	7lx	4lx
Footcand.	981fcd	245fcd	109fcd	61fcd	39fcd	17fcd	10fcd	4fcd	2fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,5m	8,6m	12,9m	17,2m	21,5m	25,8m	34,5m	43,1m
Beam wid.	2,8ft	5,7ft	8,4ft	11,3ft	14,1ft	21,2ft	28,3ft	42,4ft	56,5ft	70,7ft	84,8ft	113ft	141,3ft

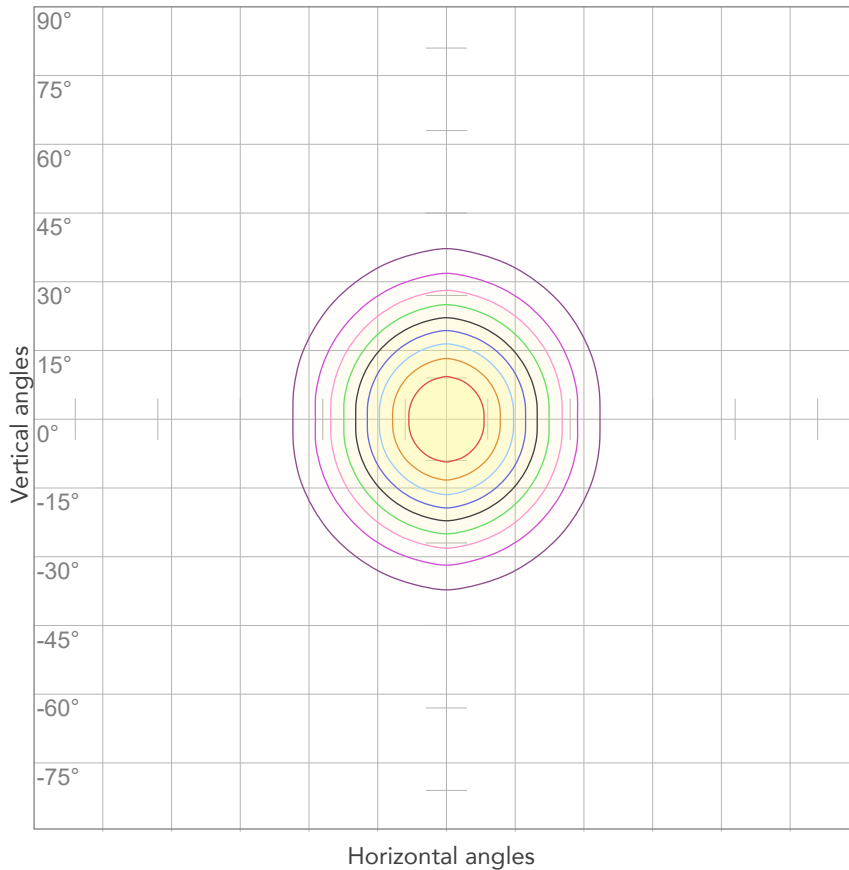
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	1,15A	253,2W	28lm/W
Power FC			
0,99			

ISO CANDELA DIAGRAM



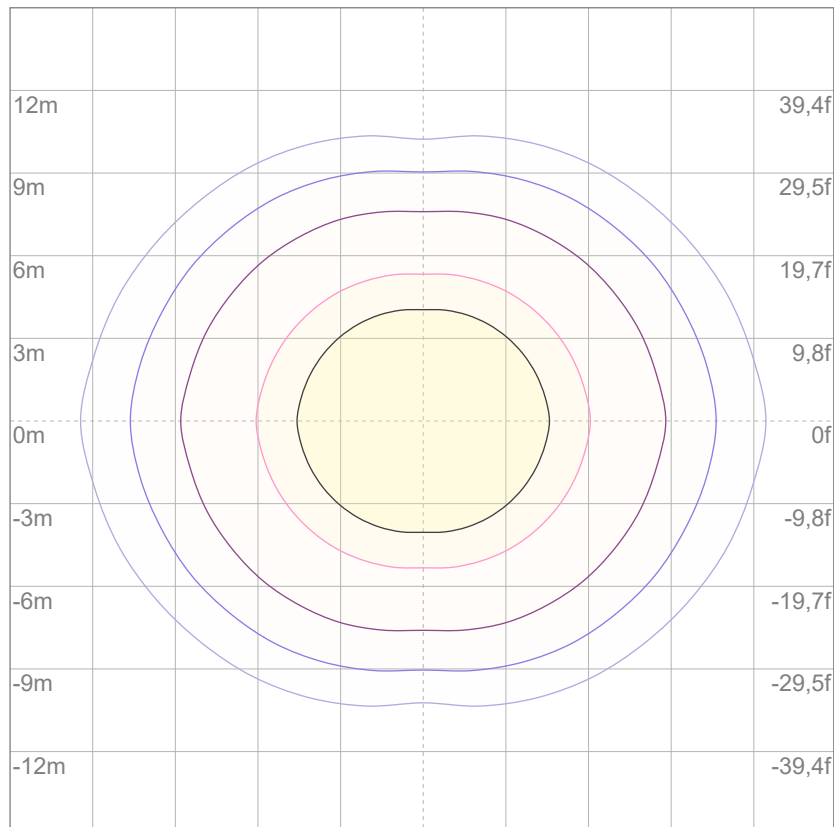
10%	1056 cd
20%	2112 cd
30%	3167 cd
40%	4223 cd
50%	5279 cd
60%	6335 cd
70%	7390 cd
80%	8446 cd

Conditions:

Number of c-planes: 4

Candela at center: 10558 cd

ISO LUX DIAGRAM



3%	3,17 lx
5%	5,28 lx
10%	10,6 lx
30%	31,7 lx
50%	52,8 lx

Conditions:

Number of c-planes: 4

Lux at center: 106 lx

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

Total lumen output:

7081 lm

Peak candela output:

7951 cd



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 60° Filter

Target:

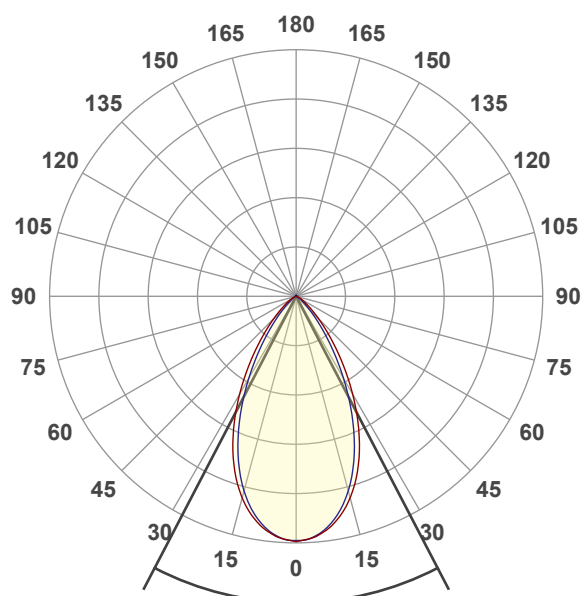
White

Operator:

Paolo Carvone

Date and time:

16/09/2022 16:59:34

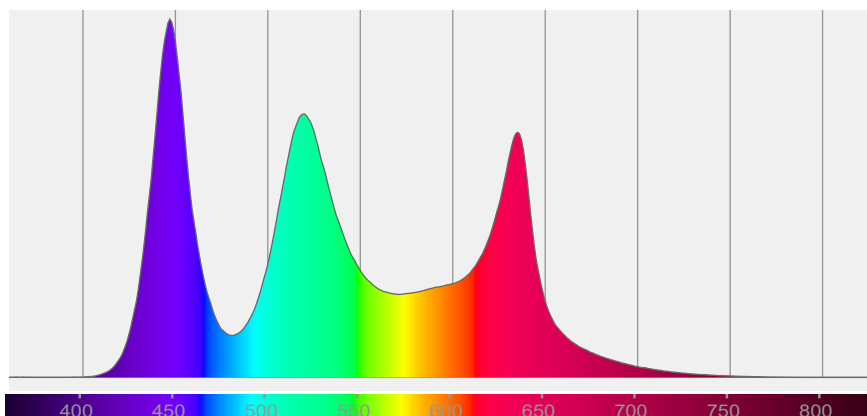


Beam angle 50%: 55°

Field angle 10%: 90,5°

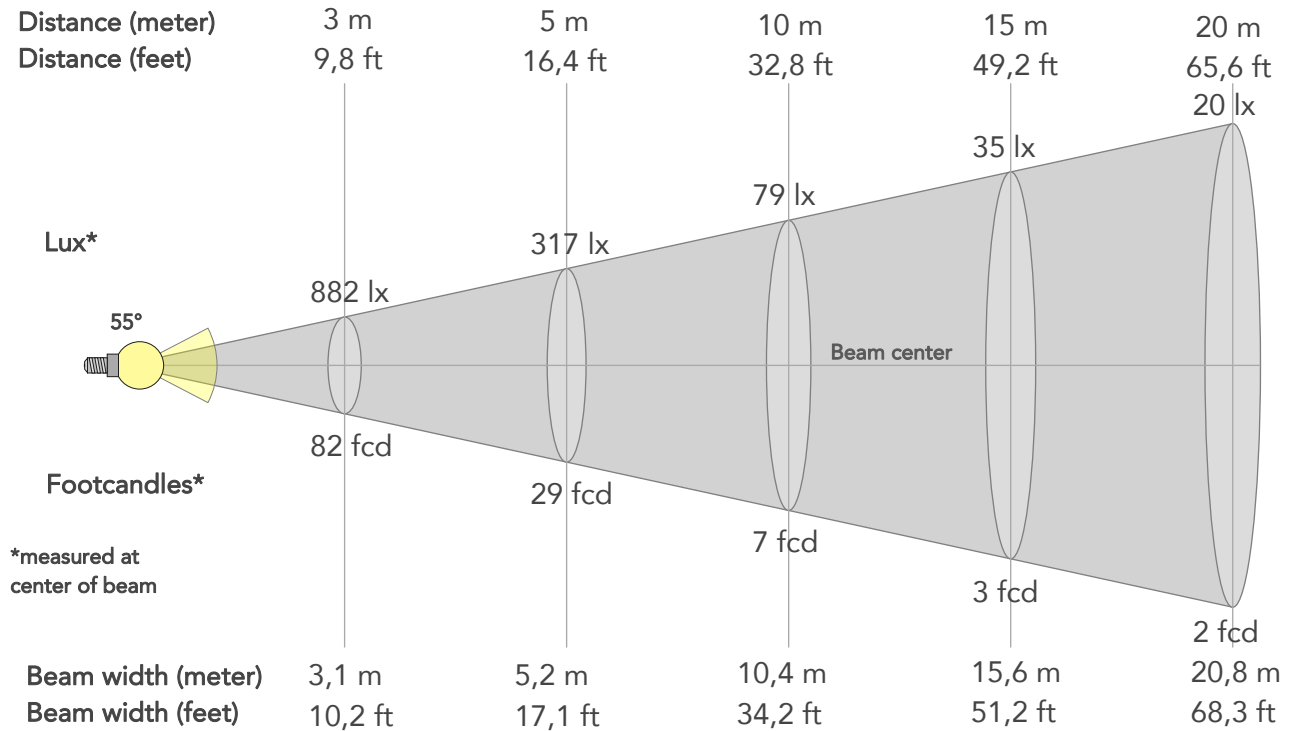
Cut off angle 2.5%: 113,9°

Spectra



BEAM DETAILS

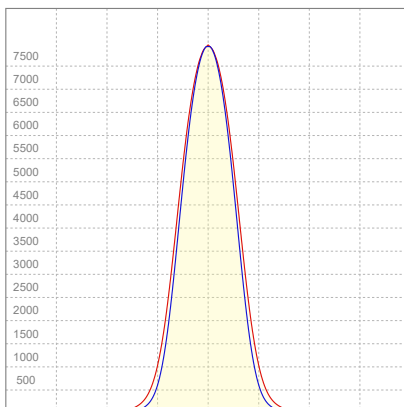
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
55°	90,5°	113,9°	98,5%	91,6%



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	7937lx	1984lx	882lx	496lx	317lx	141lx	79lx	35lx	20lx	13lx	9lx	5lx	3lx
Footcand.	737fcd	184fcd	82fcd	46fcd	29fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	1m	2,1m	3,1m	4,2m	5,2m	7,8m	10,4m	15,6m	20,8m	26m	31,2m	41,7m	52,1m
Beam wid.	3,4ft	6,9ft	10,2ft	13,6ft	17,1ft	25,6ft	34,2ft	51,2ft	68,3ft	85,4ft	102,5ft	136,6ft	170,8ft

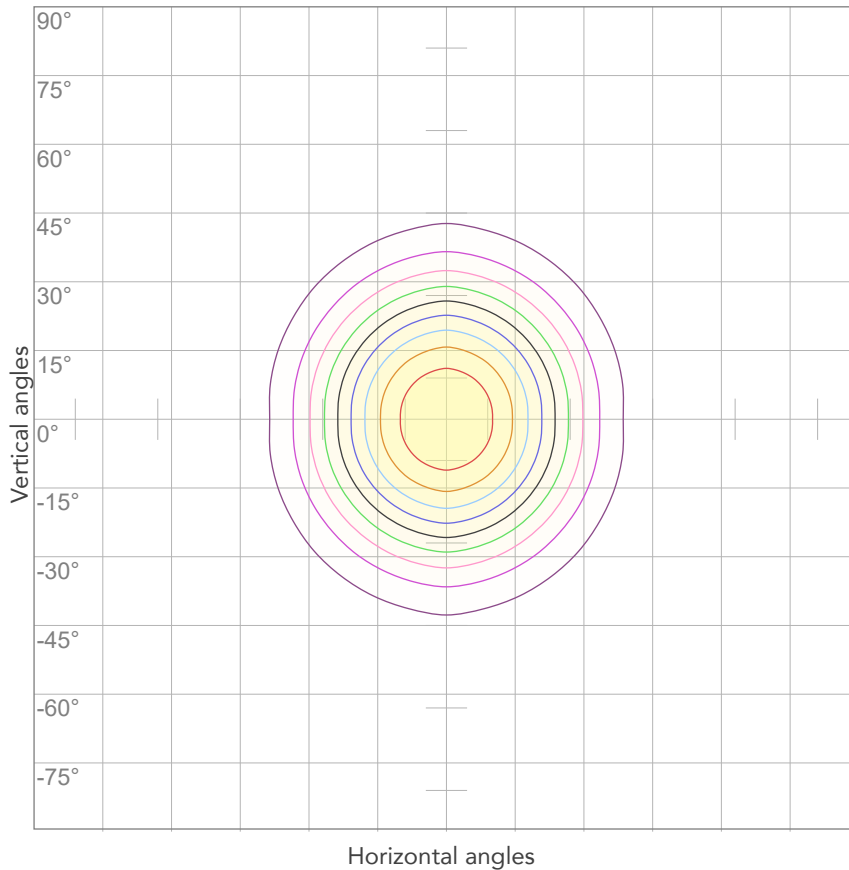
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
222V	1,15A	253,1W	28lm/W
Power FC			
0,99			

ISO CANDELA DIAGRAM



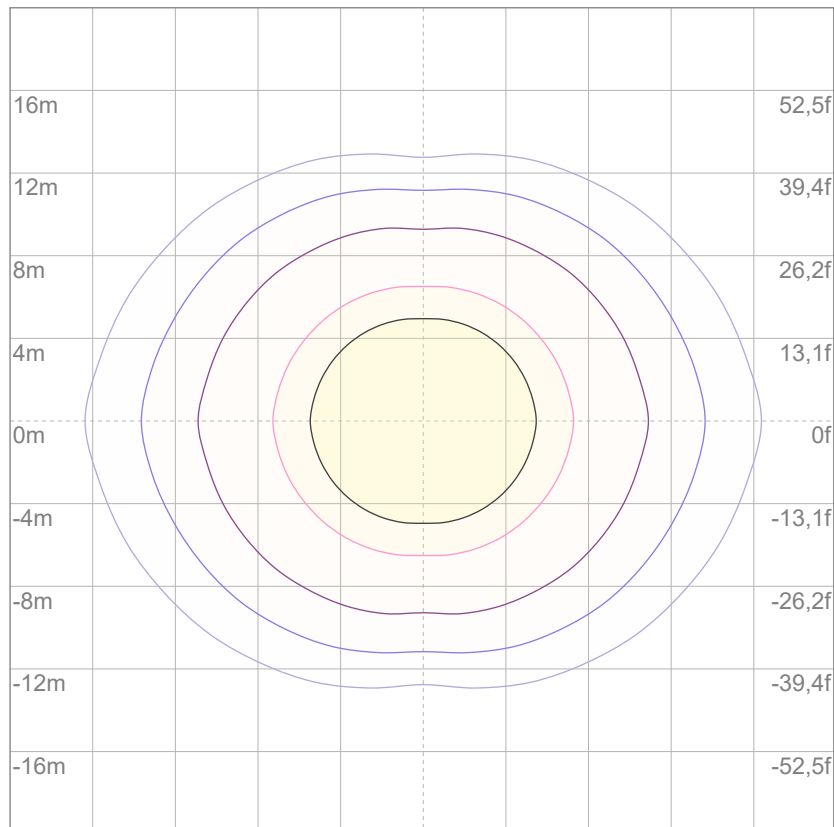
10%	794 cd
20%	1587 cd
30%	2381 cd
40%	3175 cd
50%	3969 cd
60%	4762 cd
70%	5556 cd
80%	6350 cd

Conditions:

Number of c-planes: 4

Candela at center: 7937 cd

ISO LUX DIAGRAM



3%	2,38 lx
5%	3,97 lx
10%	7,94 lx
30%	23,8 lx
50%	39,7 lx

Conditions:

Number of c-planes: 4

Lux at center: 79,4 lx

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

Total lumen output:

6049 lm

Peak candela output:

105896 cd

Light quality:

CRI: 94,6

Color temperature:

3205 K



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic No. Filter

Target:

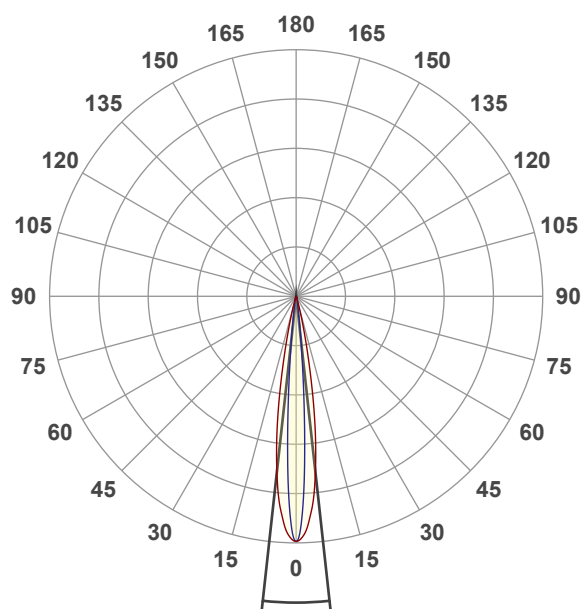
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 10:33:13

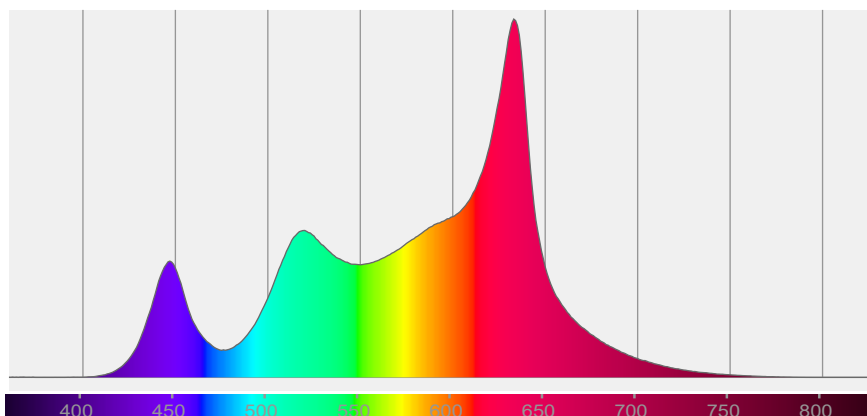


Beam angle 50%: 12,5°

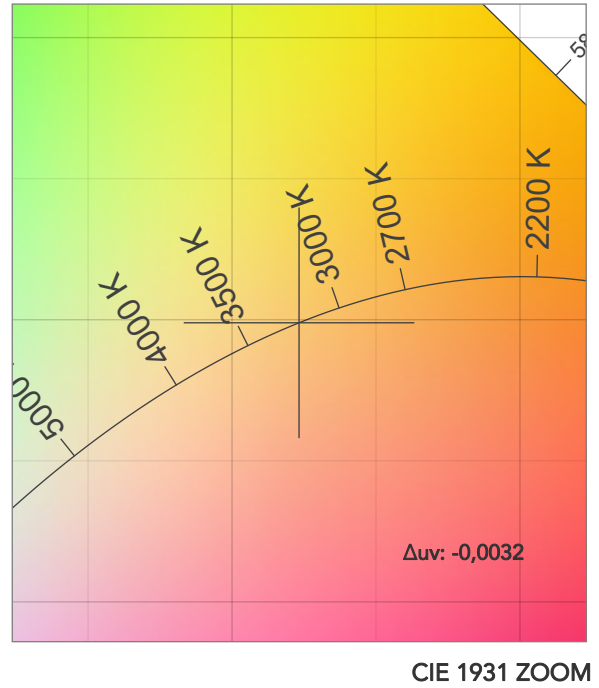
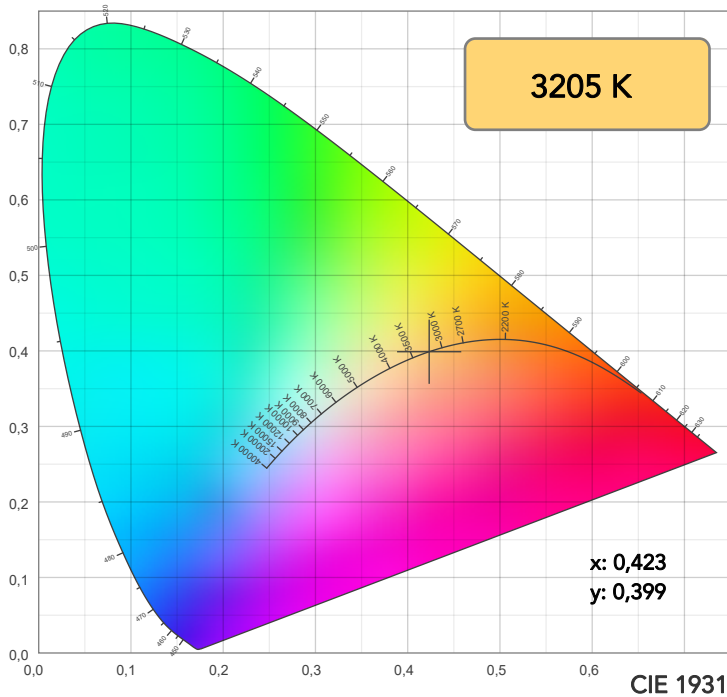
Field angle 10%: 21°

Cut off angle 2.5%: 28,9°

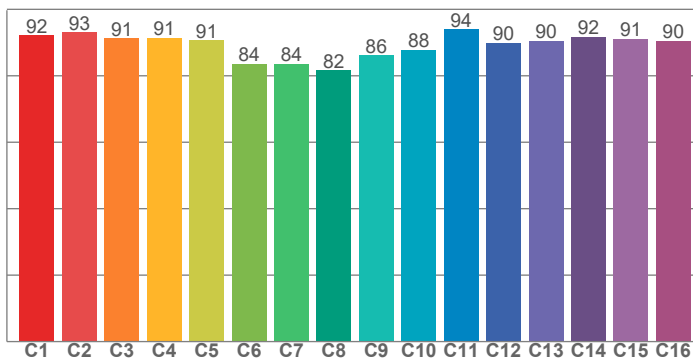
Spectra



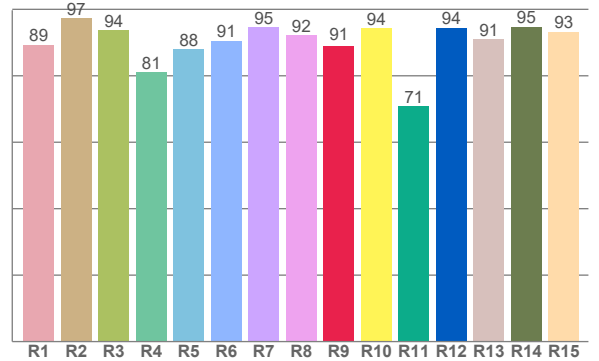
COLOR DETAILS



TM30: 89,9



CRI: 94,6 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
89,4	97,3	93,6	81,1	88,1	90,5	94,6	92,2	91,3	94,3	70,9	94,4	91,1	94,7	93,3

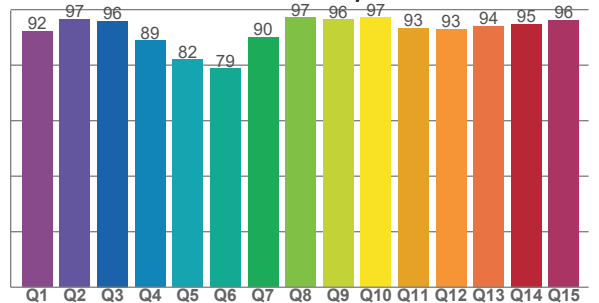
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,1	93,1	91,3	91,4	90,6	83,6	83,5	81,6	86,1	87,7	93,9	90,0	90,5	91,6	91,2	90,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,2	96,5	95,9	88,9	82,0	78,7	90,0	97,1	96,4	97,1	93,3	93,1	94,1	94,7	96,2

CQS: 90,4



COLOR PARAMETERS

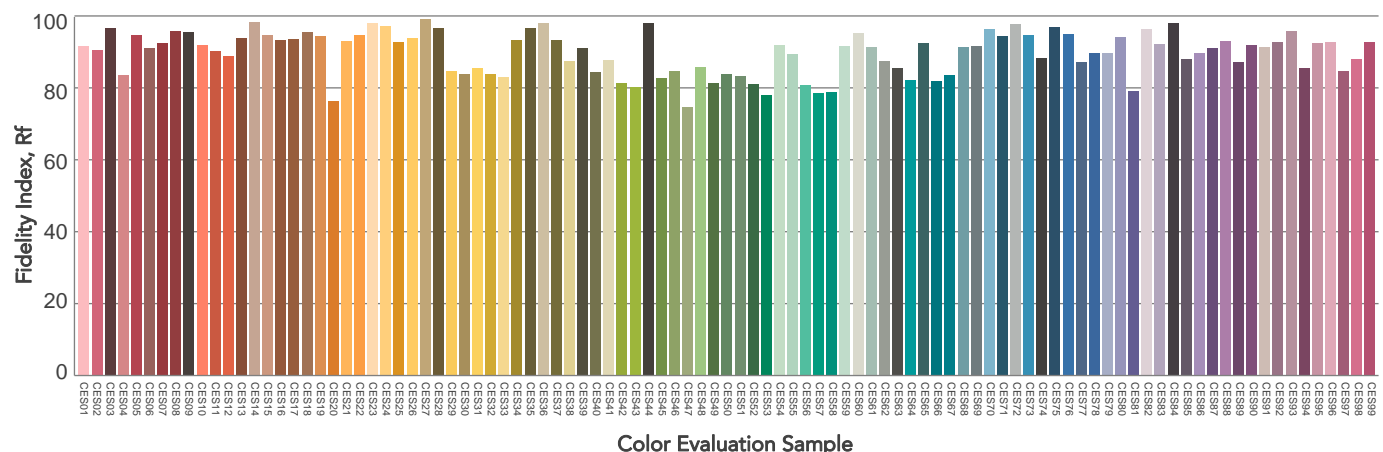
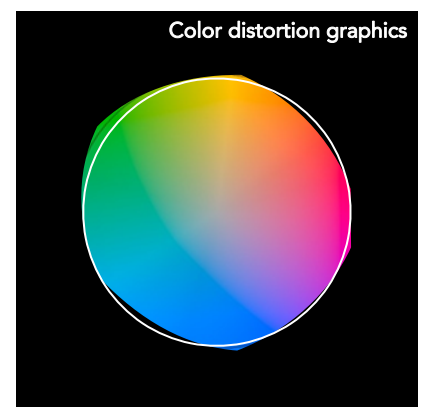
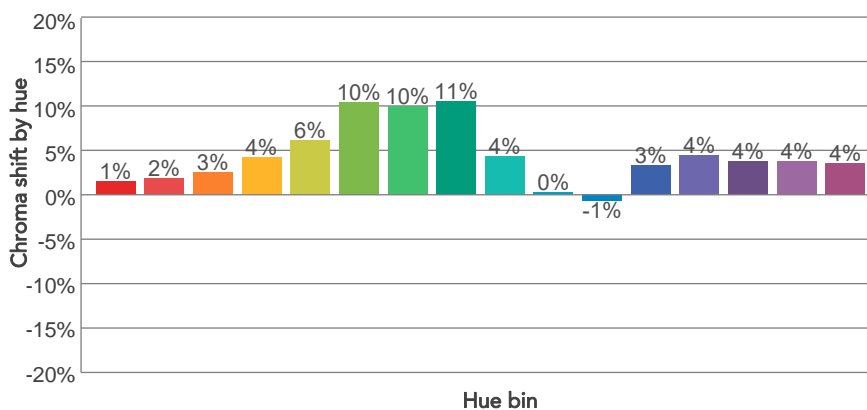
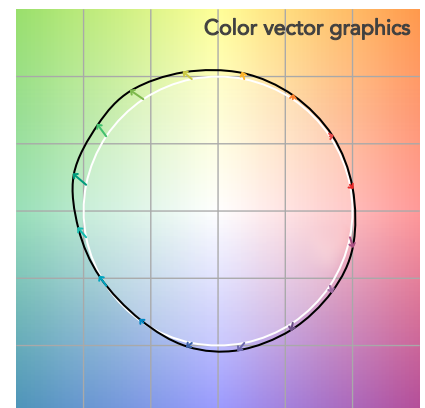
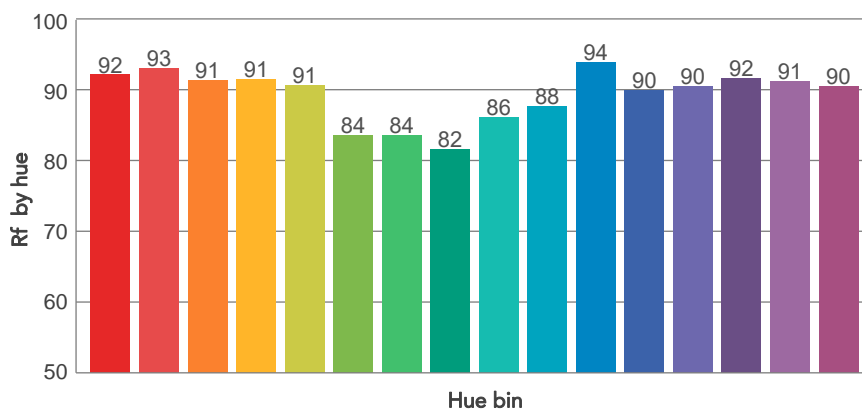
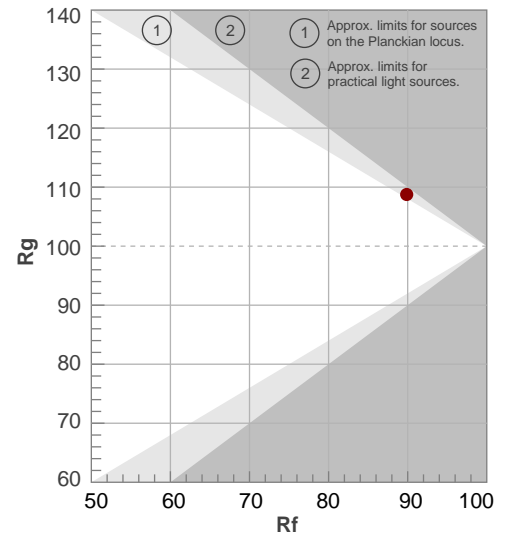
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3205 K	94,6	91,3	89,9	108,8	90,4	79	0,423	0,399	-0,0032

TM30 DETAILS

Rf 89,9
Fidelity index Rf

Rg 108,8
Gammut index

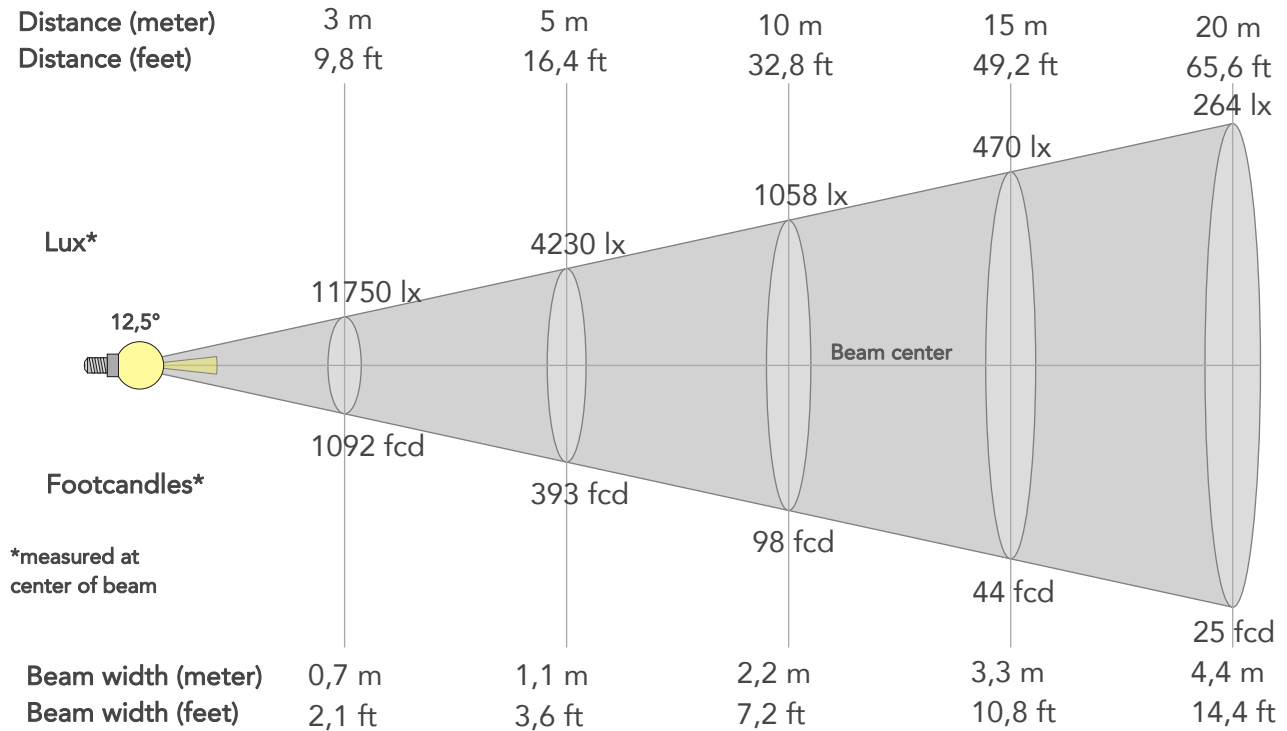
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	1%	-2%
2	93	2%	-1%
3	91	3%	1%
4	91	4%	2%
5	91	6%	5%
6	84	10%	4%
7	84	10%	-4%
8	82	11%	-6%
9	86	4%	-8%
10	88	0%	-8%
11	94	-1%	-3%
12	90	3%	-3%
13	90	4%	-5%
14	92	4%	-4%
15	91	4%	-3%
16	90	4%	-6%



BEAM DETAILS



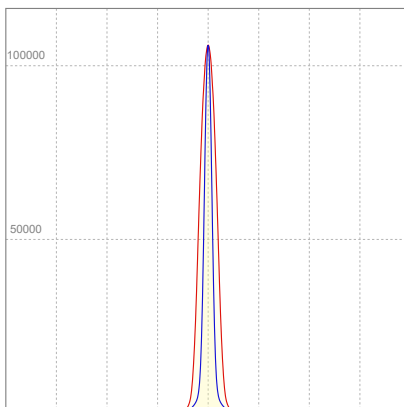
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,5°	21°	28,9°	100,0%	100,0%



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	105754lx	26438lx	11750lx	6610lx	4230lx	1880lx	1058lx	470lx	264lx	169lx	118lx	66lx	42lx
Footcand.	9825fcd	2456fcd	1092fcd	614fcd	393fcd	175fcd	98fcd	44fcd	25fcd	16fcd	11fcd	6fcd	4fcd
Beam wid.	0,2m	0,4m	0,7m	0,9m	1,1m	1,6m	2,2m	3,3m	4,4m	5,5m	6,6m	8,8m	11m
Beam wid.	0,7ft	1,4ft	2,1ft	2,9ft	3,6ft	5,4ft	7,2ft	10,8ft	14,4ft	18ft	21,6ft	28,8ft	36ft

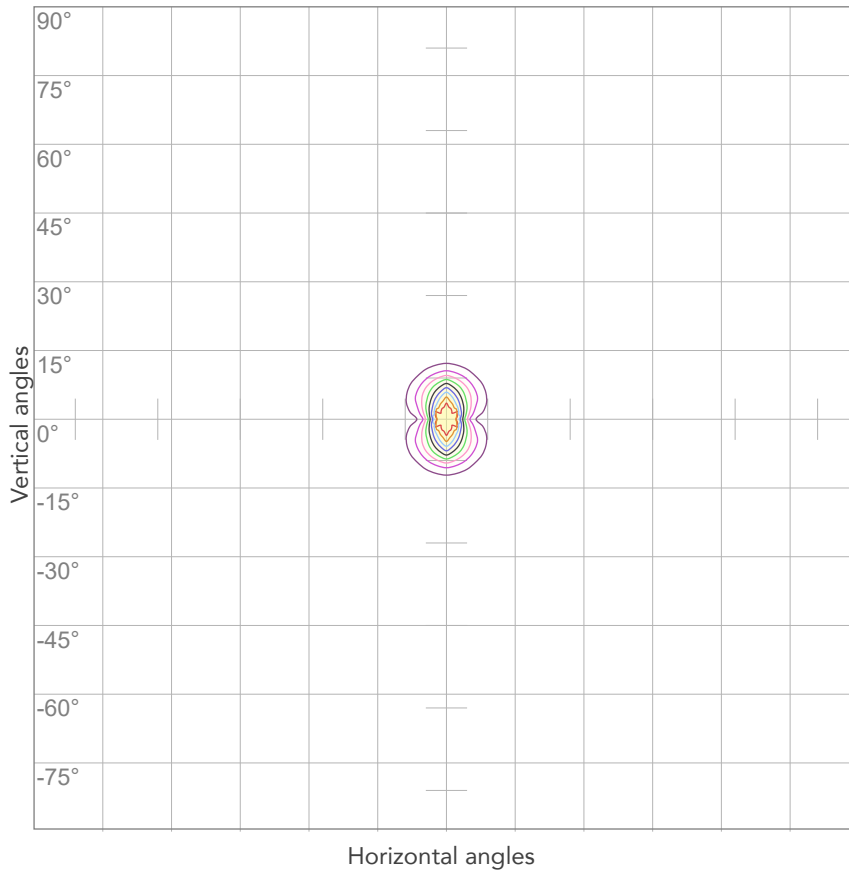
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,824A	181,8W	33lm/W

ISO CANDELA DIAGRAM



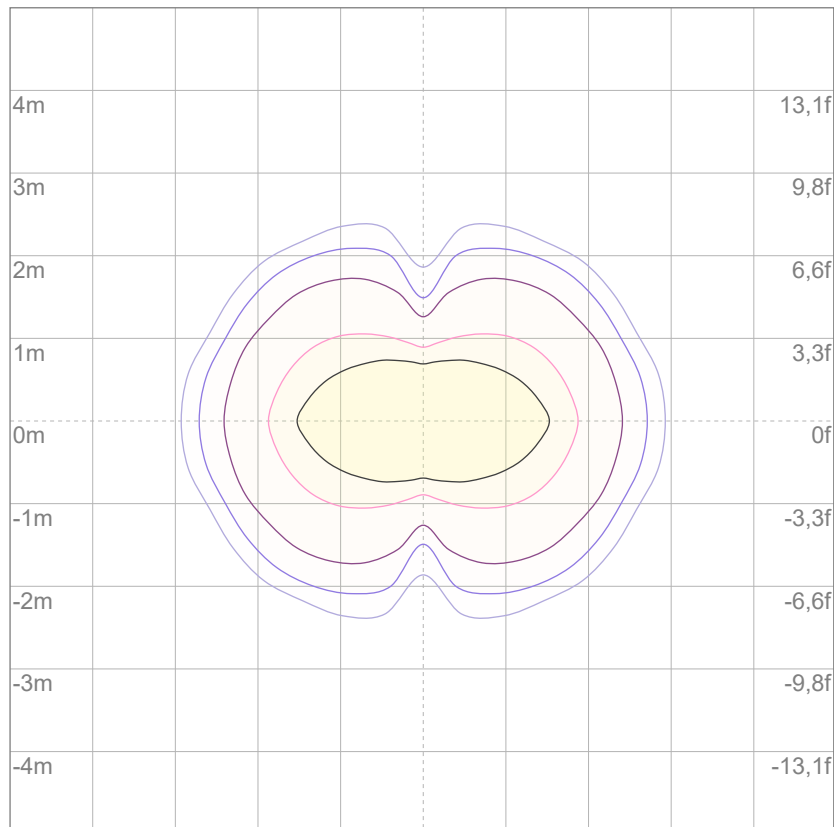
10%	10575 cd
20%	21151 cd
30%	31726 cd
40%	42301 cd
50%	52877 cd
60%	63452 cd
70%	74028 cd
80%	84603 cd

Conditions:

Number of c-planes: 4

Candela at center: 105754 cd

ISO LUX DIAGRAM



3%	31,7 lx
5%	52,9 lx
10%	106 lx
30%	317 lx
50%	529 lx

Conditions:

Number of c-planes: 4

Lux at center: 1058 lx

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

Total lumen output:

5233 lm

Peak candela output:

82401 cd

Light quality:

CRI: 94,6

Color temperature:

3004 K



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + Smooth 5° Filter

Target:

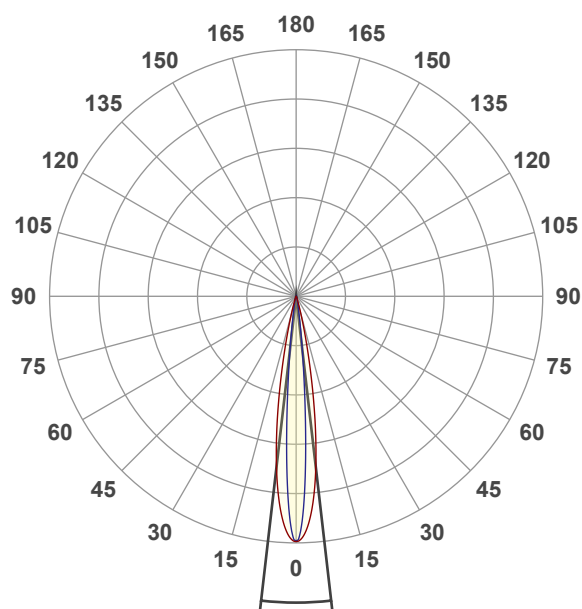
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 10:54:12

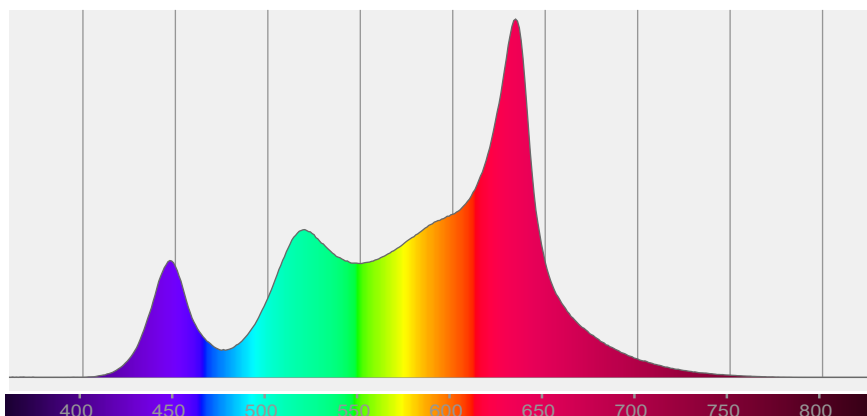


Beam angle 50%: 13,1°

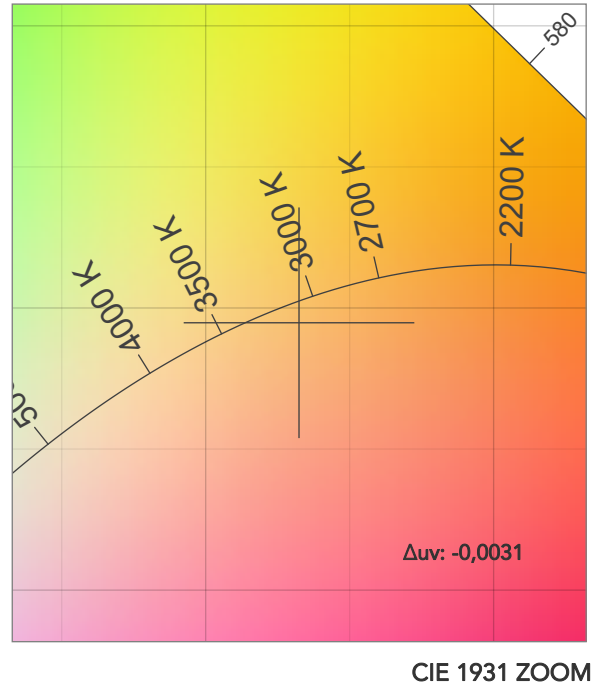
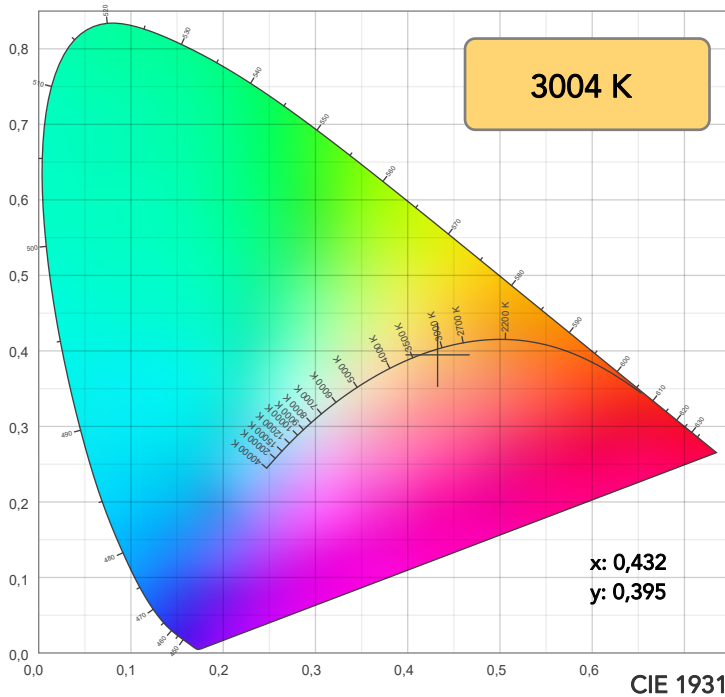
Field angle 10%: 22,7°

Cut off angle 2.5%: 31,4°

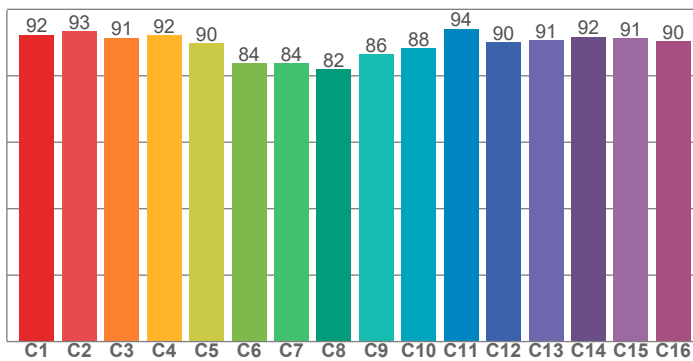
Spectra



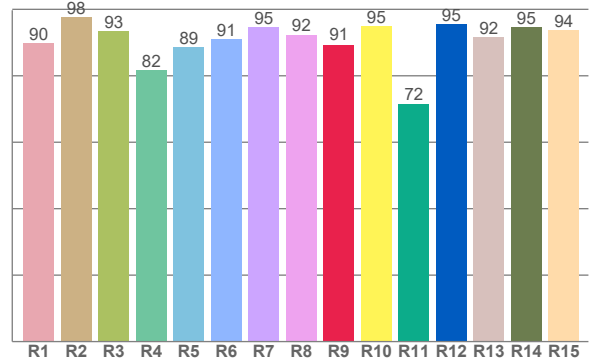
COLOR DETAILS



TM30: 90,1



CRI: 94,6 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
89,8	97,6	93,5	81,6	88,5	91,1	94,6	92,3	91,3	94,9	71,6	95,4	91,5	94,7	93,6

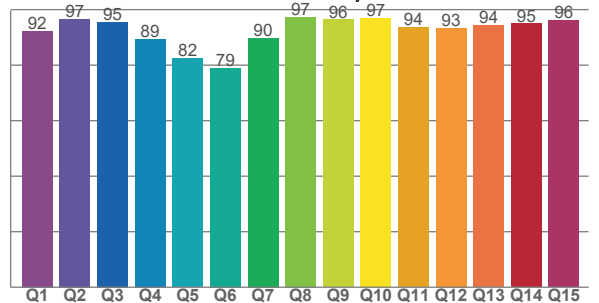
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,3	93,3	91,4	92,1	89,7	83,8	83,8	82,0	86,4	88,2	94,2	90,1	90,7	91,8	91,2	90,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,3	96,6	95,5	89,5	82,5	79,0	89,8	97,3	96,4	96,9	93,6	93,4	94,3	94,9	96,2

CQS: 90,6



COLOR PARAMETERS

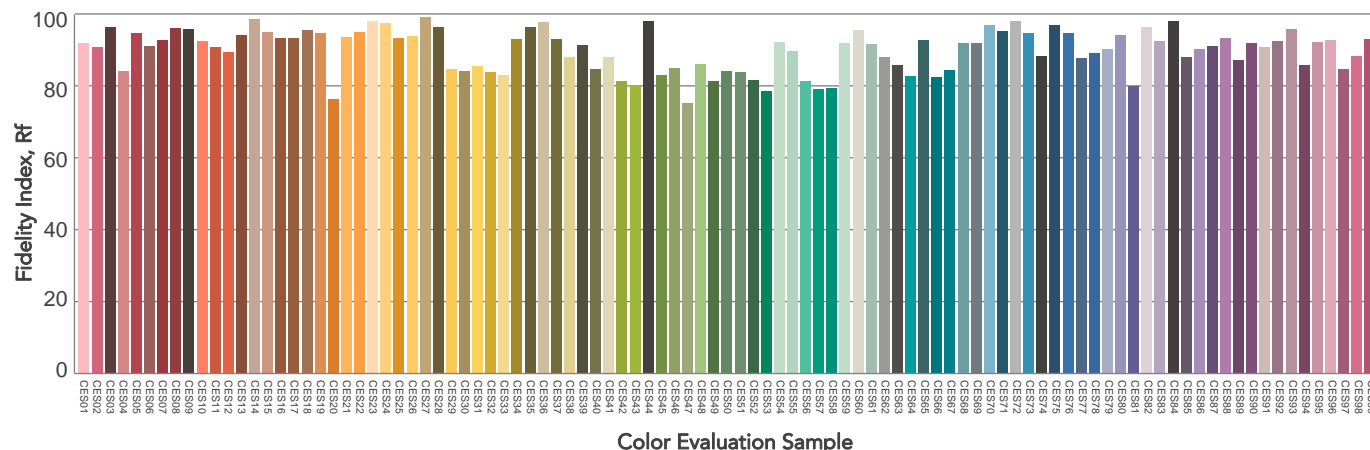
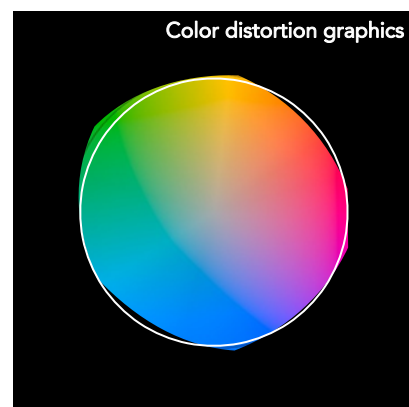
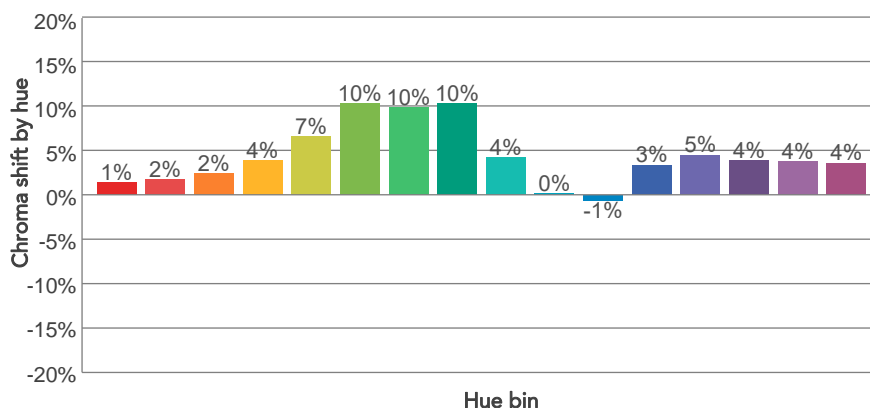
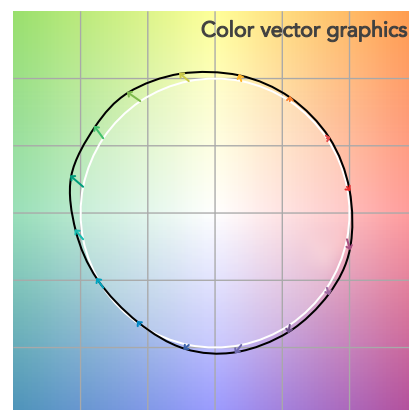
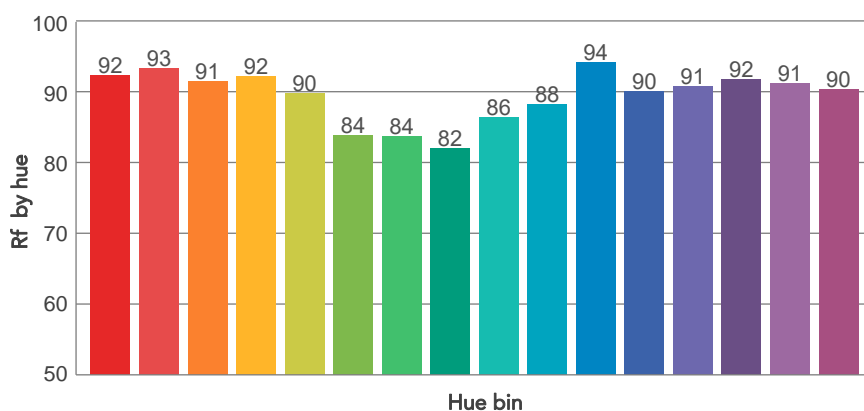
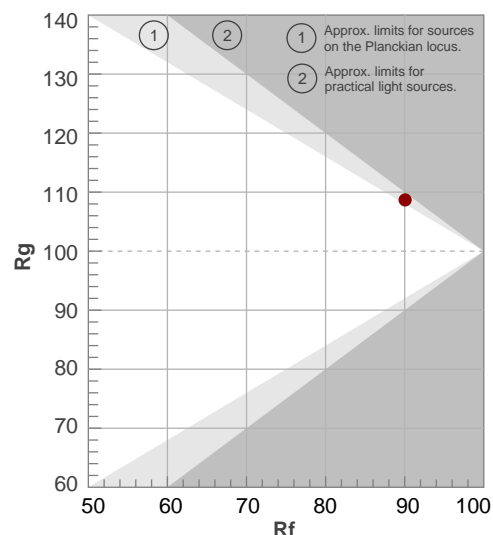
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3004 K	94,6	91,3	90,1	108,7	90,6	74	0,432	0,395	-0,0031

TM30 DETAILS

Rf 90,1
Fidelity index Rf

Rg 108,7
Gammut index

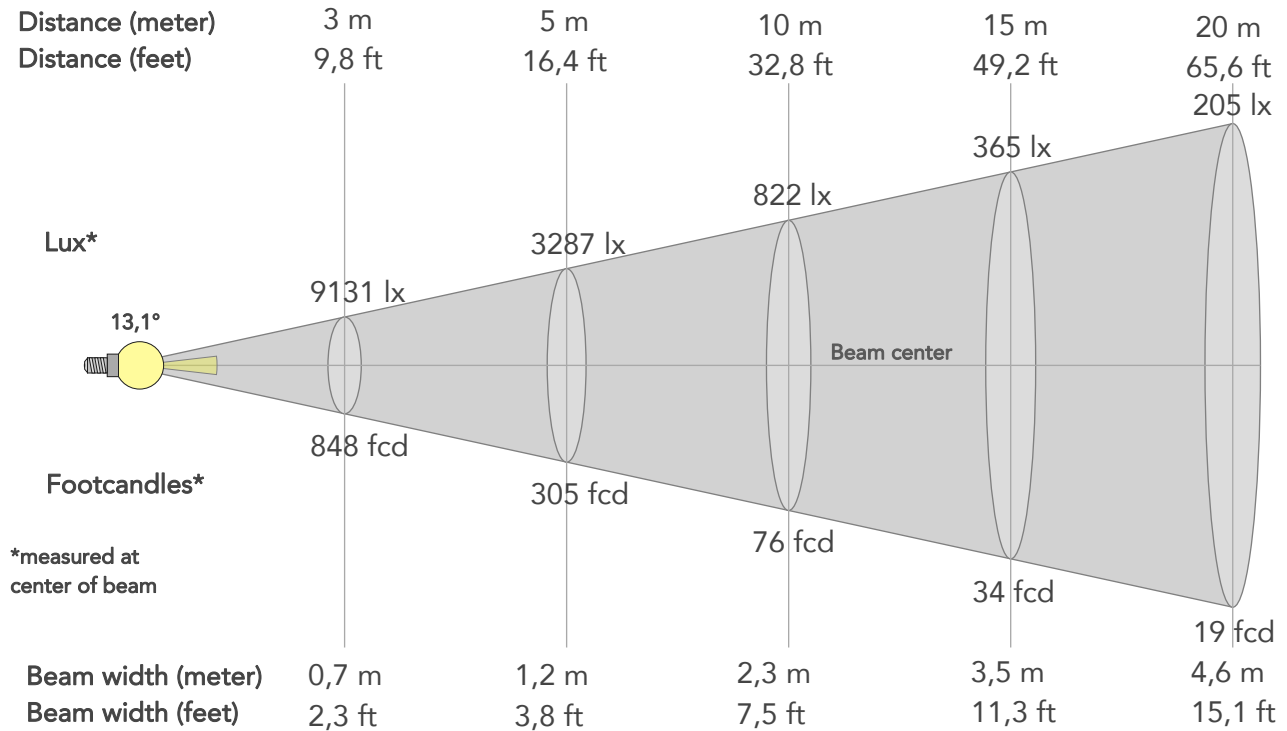
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	1%	-2%
2	93	2%	-1%
3	91	2%	1%
4	92	4%	2%
5	90	7%	5%
6	84	10%	4%
7	84	10%	-4%
8	82	10%	-6%
9	86	4%	-7%
10	88	0%	-8%
11	94	-1%	-3%
12	90	3%	-3%
13	91	5%	-5%
14	92	4%	-4%
15	91	4%	-3%
16	90	4%	-6%



BEAM DETAILS



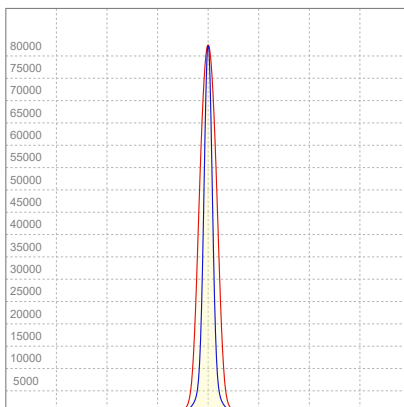
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
13,1°	22,7°	31,4°	100,0%	100,0%



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	82181lx	20545lx	9131lx	5136lx	3287lx	1461lx	822lx	365lx	205lx	131lx	91lx	51lx	33lx
Footcand.	7635fcd	1909fcd	848fcd	477fcd	305fcd	136fcd	76fcd	34fcd	19fcd	12fcd	8fcd	5fcd	3fcd
Beam wid.	0,2m	0,5m	0,7m	0,9m	1,2m	1,7m	2,3m	3,5m	4,6m	5,8m	6,9m	9,2m	11,5m
Beam wid.	0,8ft	1,5ft	2,3ft	3ft	3,8ft	5,7ft	7,5ft	11,3ft	15,1ft	18,9ft	22,6ft	30,2ft	37,7ft

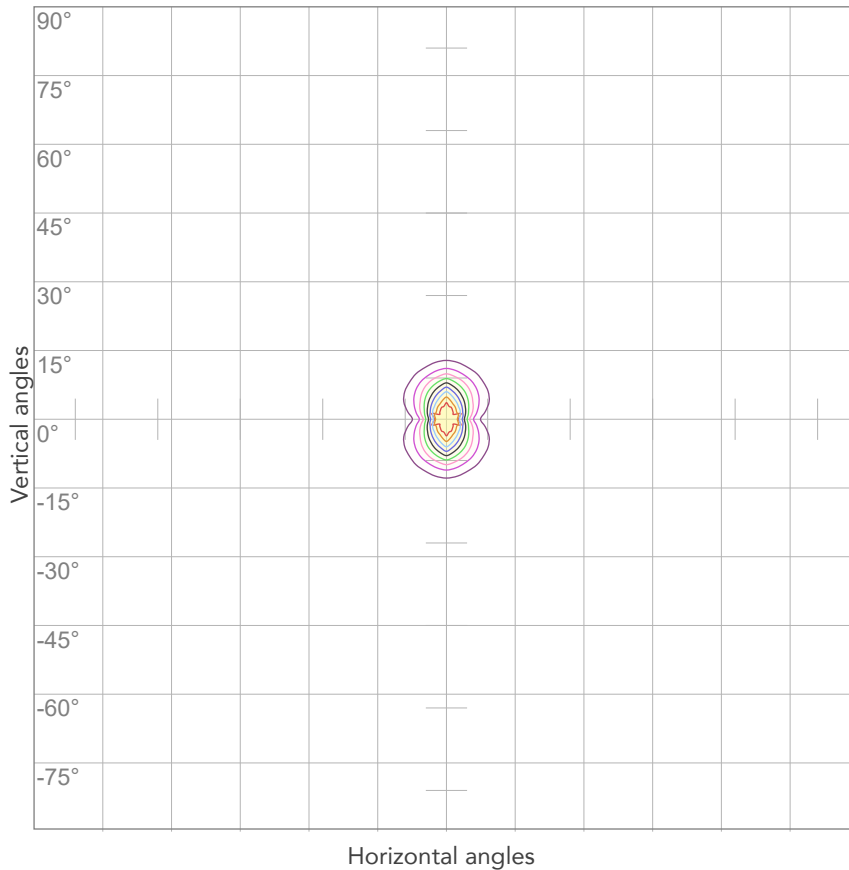
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,816A	181,6W	29lm/W

ISO CANDELA DIAGRAM



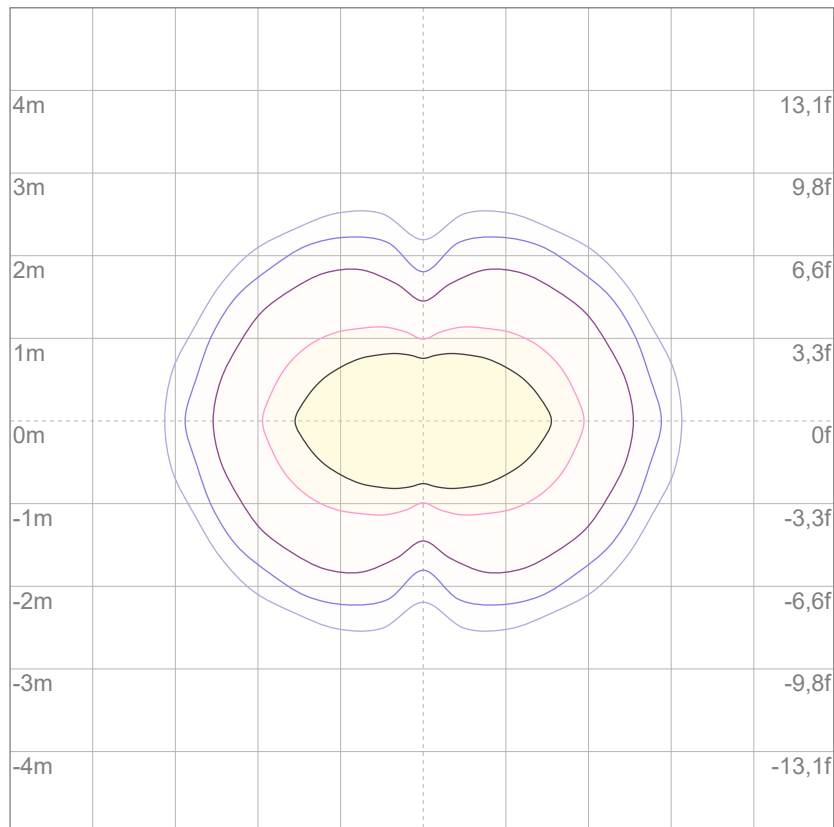
10%	8218 cd
20%	16436 cd
30%	24654 cd
40%	32873 cd
50%	41091 cd
60%	49309 cd
70%	57527 cd
80%	65745 cd

Conditions:

Number of c-planes: 4

Candela at center: 82181 cd

ISO LUX DIAGRAM



3%	24,7 lx
5%	41,1 lx
10%	82,2 lx
30%	247 lx
50%	411 lx

Conditions:

Number of c-planes: 4

Lux at center: 822 lx

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

Total lumen output:

4935 lm

Peak candela output:

21532 cd

Light quality:

CRI: 94,6

Color temperature:

3004 K



PRODUCT NAME:

LUMIPIXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 20° Filter

Target:

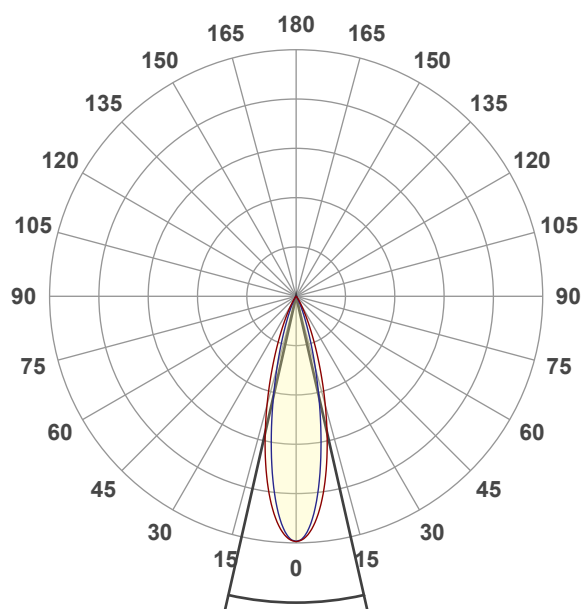
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:00:47

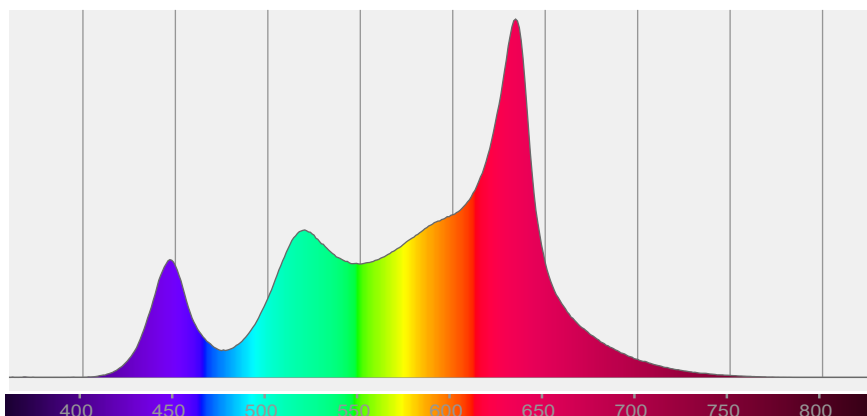


Beam angle 50%: 25,6°

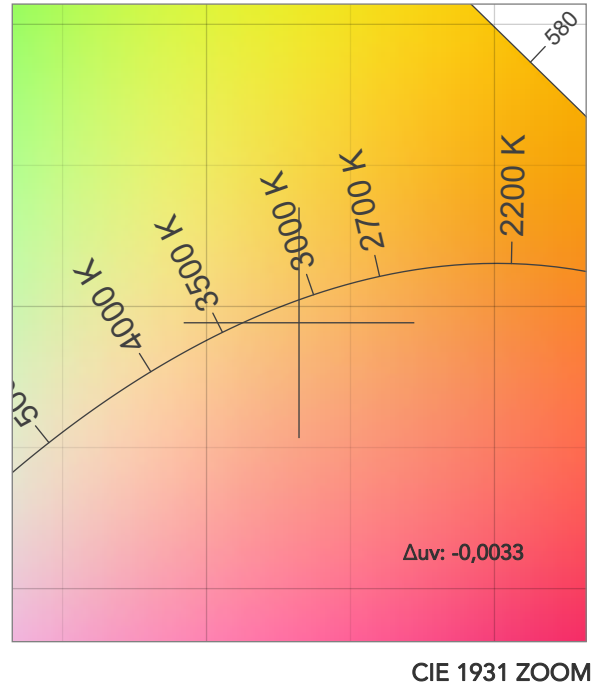
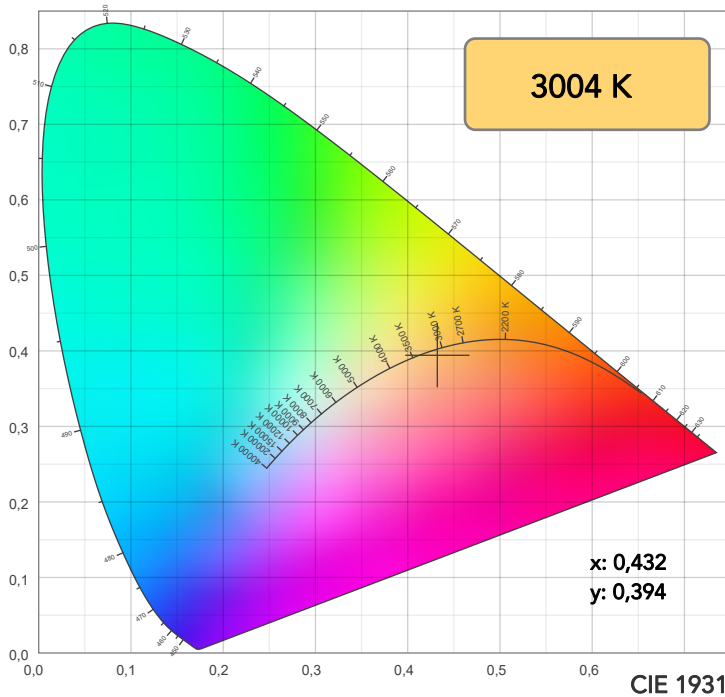
Field angle 10%: 46,8°

Cut off angle 2.5%: 60,6°

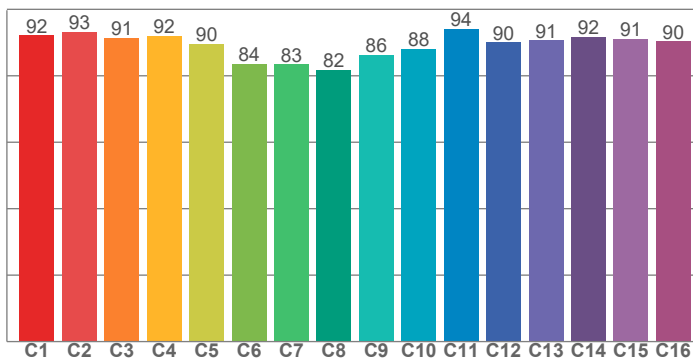
Spectra



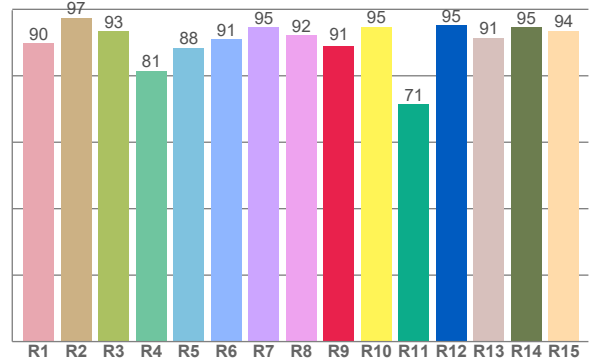
COLOR DETAILS



TM30: 90,0



CRI: 94,6 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
89,8	97,5	93,5	81,5	88,5	91,0	94,5	92,2	91,3	94,8	71,5	95,3	91,4	94,7	93,5

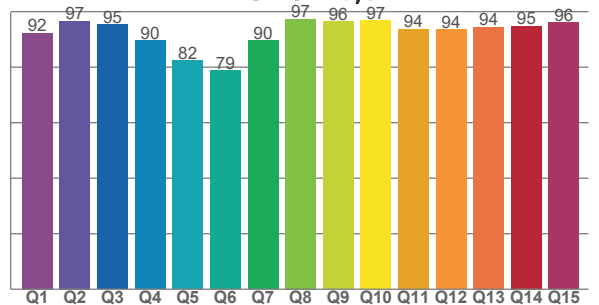
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,2	93,3	91,4	92,0	89,6	83,6	83,5	81,8	86,3	88,1	94,1	90,0	90,7	91,8	91,1	90,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,2	96,6	95,4	89,5	82,4	78,7	89,6	97,4	96,4	96,8	93,7	93,5	94,4	94,9	96,1

CQS: 90,5



COLOR PARAMETERS

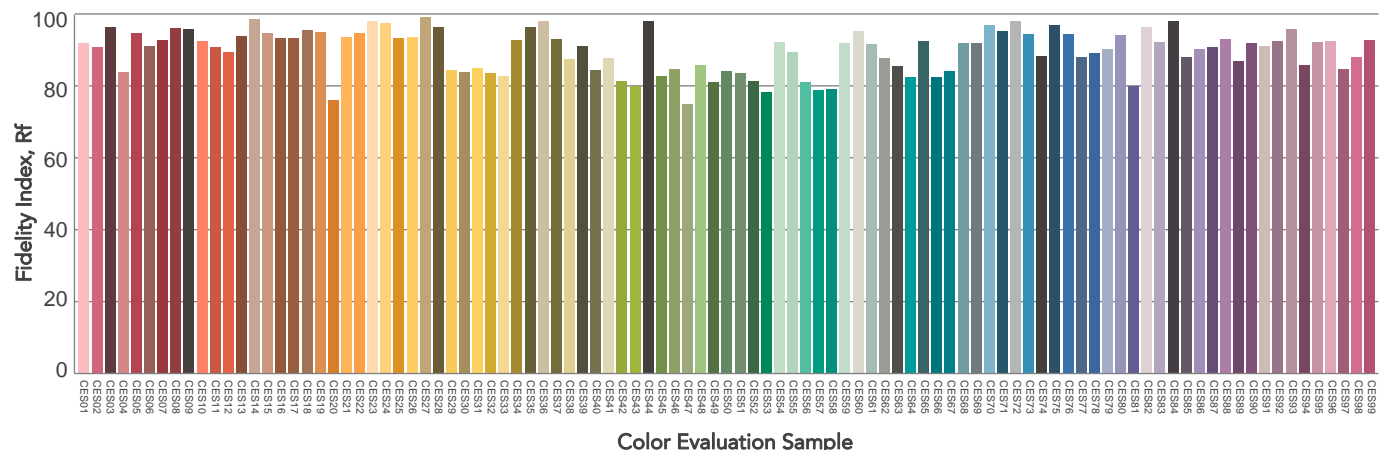
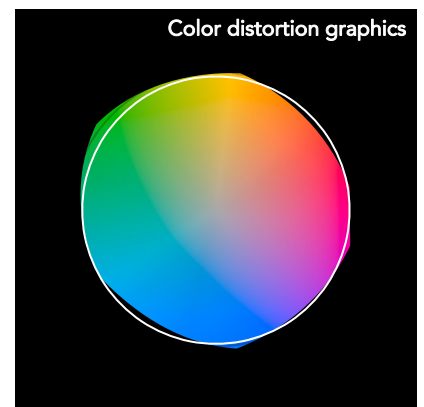
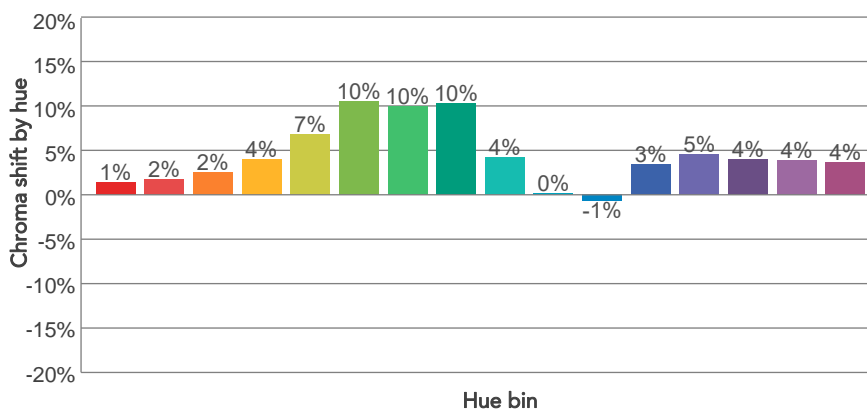
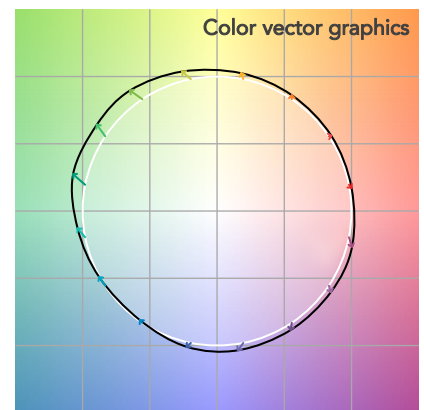
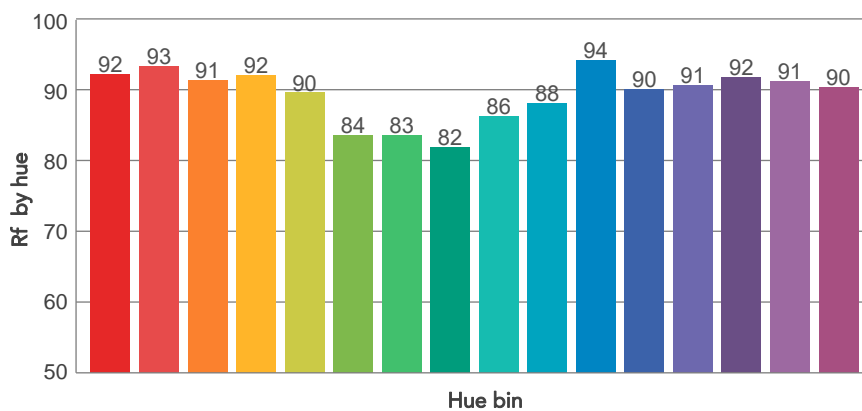
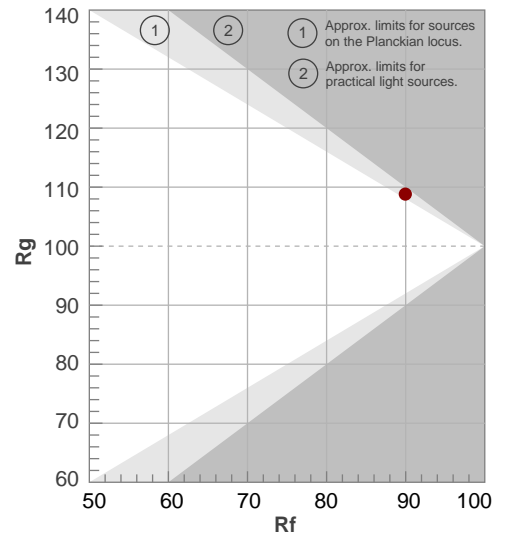
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3004 K	94,6	91,3	90,0	108,8	90,5	74	0,432	0,394	-0,0033

TM30 DETAILS

Rf 90,0
Fidelity index Rf

Rg 108,8
Gammut index

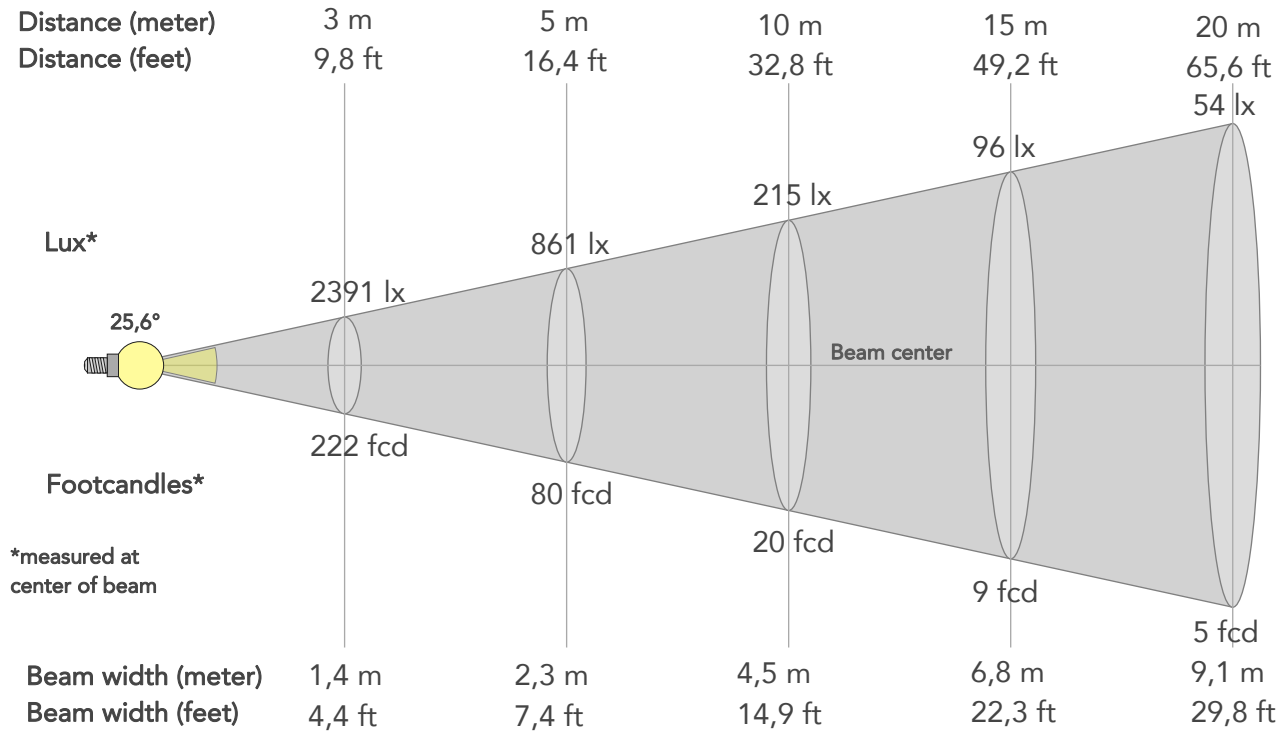
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	1%	-2%
2	93	2%	-1%
3	91	2%	1%
4	92	4%	2%
5	90	7%	5%
6	84	10%	4%
7	83	10%	-4%
8	82	10%	-6%
9	86	4%	-8%
10	88	0%	-8%
11	94	-1%	-3%
12	90	3%	-2%
13	91	5%	-5%
14	92	4%	-4%
15	91	4%	-3%
16	90	4%	-6%



BEAM DETAILS



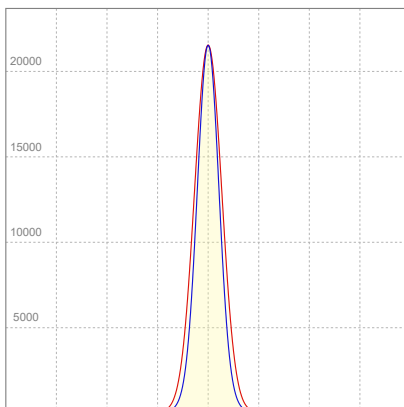
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25,6°	46,8°	60,6°	100,0%	99,8%



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	21520lx	5380lx	2391lx	1345lx	861lx	383lx	215lx	96lx	54lx	34lx	24lx	13lx	9lx
Footcand.	1999fcd	500fcd	222fcd	125fcd	80fcd	36fcd	20fcd	9fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,5m	0,9m	1,4m	1,8m	2,3m	3,4m	4,5m	6,8m	9,1m	11,3m	13,6m	18,1m	22,7m
Beam wid.	1,5ft	3ft	4,4ft	5,9ft	7,4ft	11,2ft	14,9ft	22,3ft	29,8ft	37,2ft	44,6ft	59,5ft	74,4ft

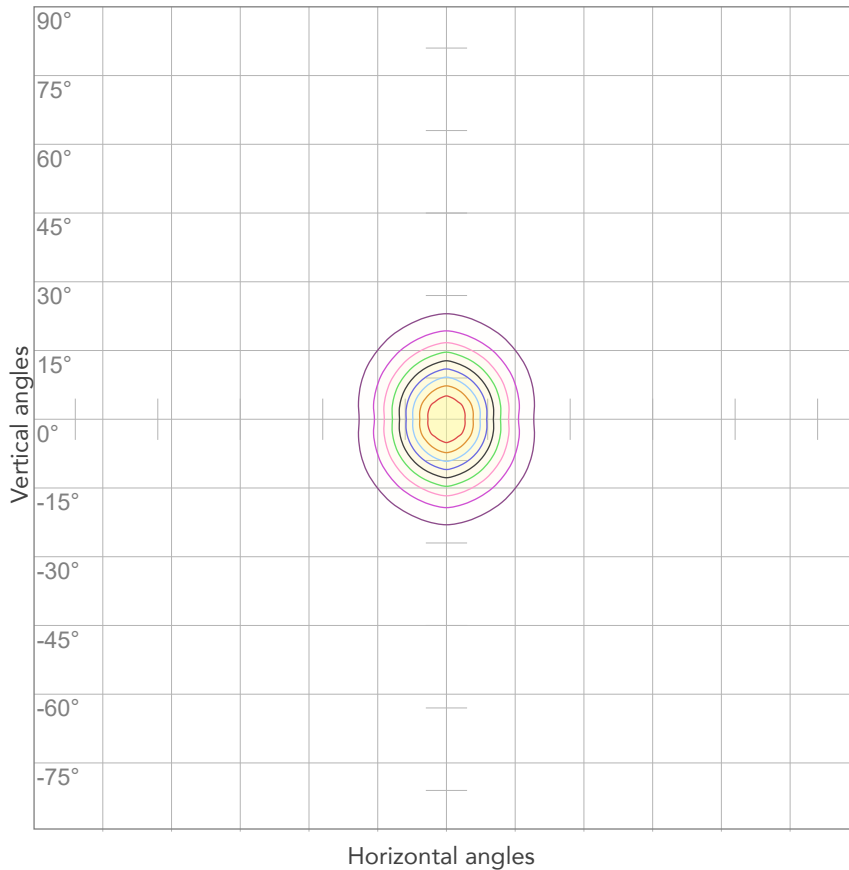
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,809A	180,5W	27lm/W

ISO CANDELA DIAGRAM



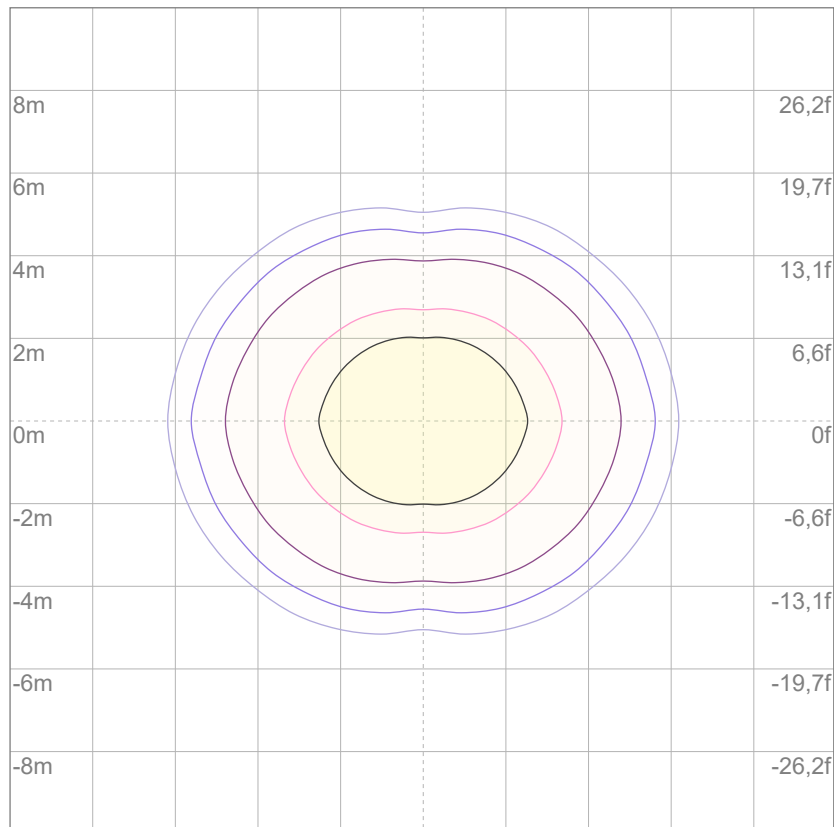
10%	2152 cd
20%	4304 cd
30%	6456 cd
40%	8608 cd
50%	10760 cd
60%	12912 cd
70%	15064 cd
80%	17216 cd

Conditions:

Number of c-planes: 4

Candela at center: 21520 cd

ISO LUX DIAGRAM



3%	6,46 lx
5%	10,8 lx
10%	21,5 lx
30%	64,6 lx
50%	108 lx

Conditions:

Number of c-planes: 4

Lux at center: 215 lx

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

Total lumen output:

5183 lm

Peak candela output:

7819 cd

Light quality:

CRI: 94,6

Color temperature:

3026 K



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 40° Filter

Target:

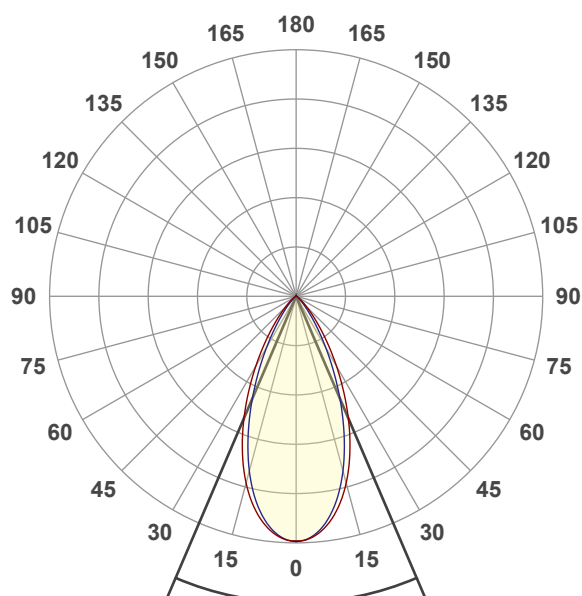
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 10:40:26

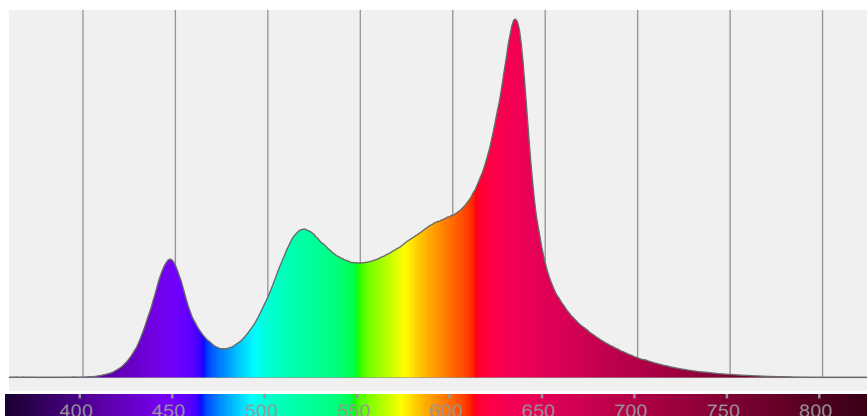


Beam angle 50%: 46,3°

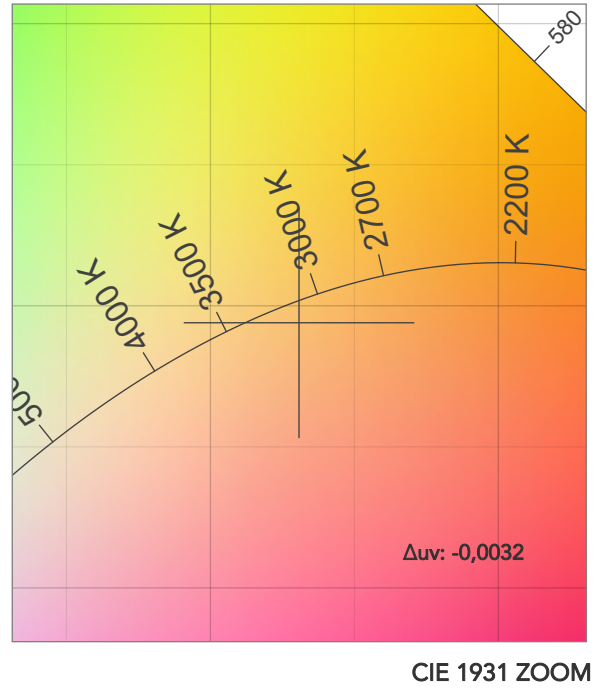
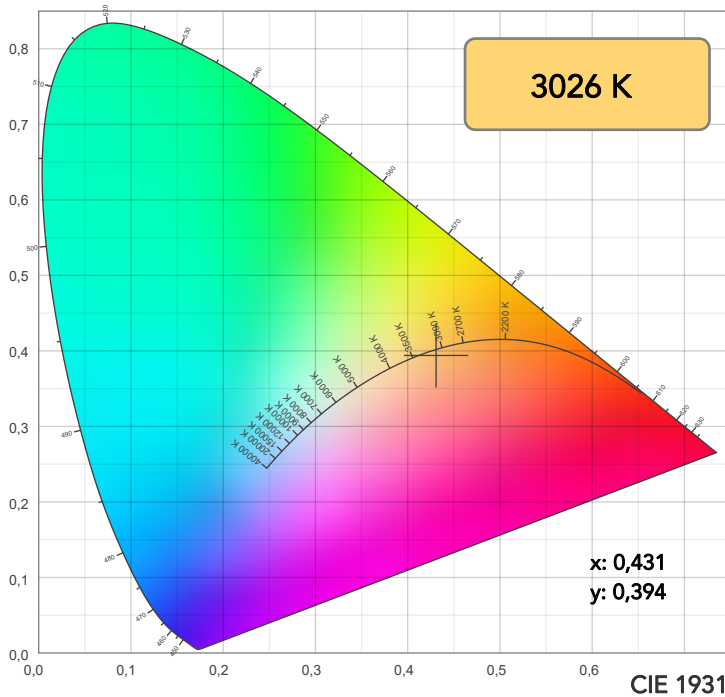
Field angle 10%: 78,2°

Cut off angle 2.5%: 99,1°

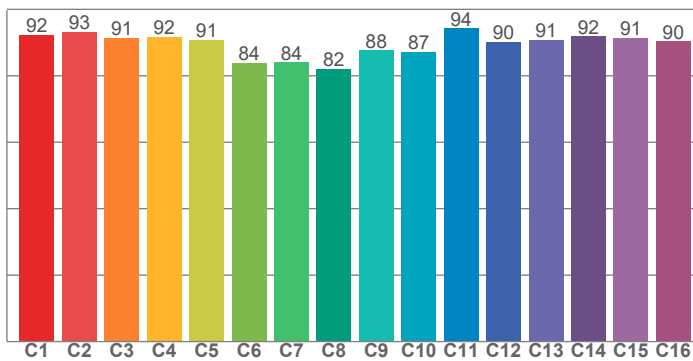
Spectra



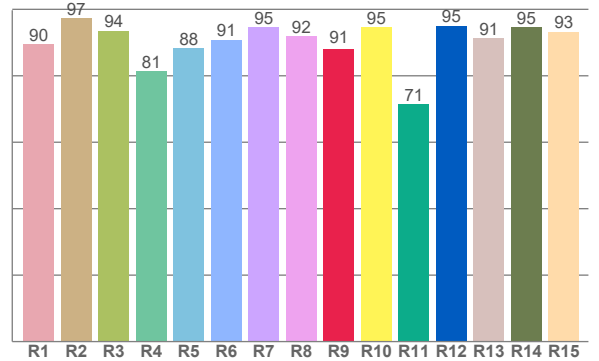
COLOR DETAILS



TM30: 90,2



CRI: 94,6 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
89,5	97,4	93,5	81,4	88,3	90,9	94,6	91,9	91,3	94,5	71,5	95,1	91,2	94,7	93,2

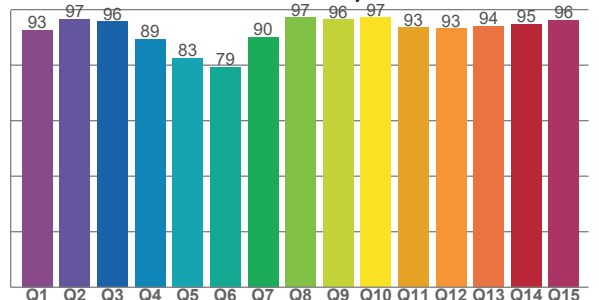
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,3	93,3	91,5	91,8	90,8	84,0	84,1	82,1	87,7	87,2	94,3	90,2	90,8	91,9	91,4	90,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,7	96,7	95,6	89,5	82,6	79,3	90,2	97,1	96,4	97,1	93,5	93,2	94,2	94,9	96,3

CQS: 90,7



COLOR PARAMETERS

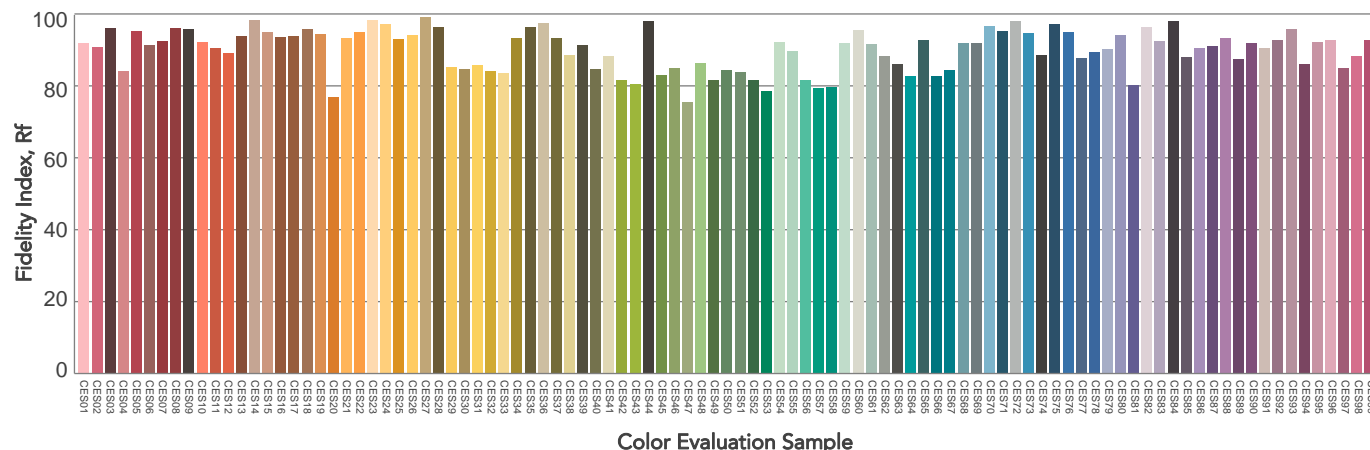
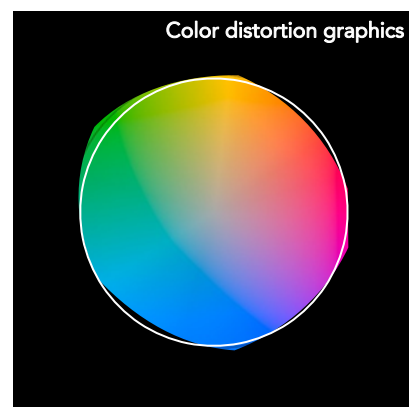
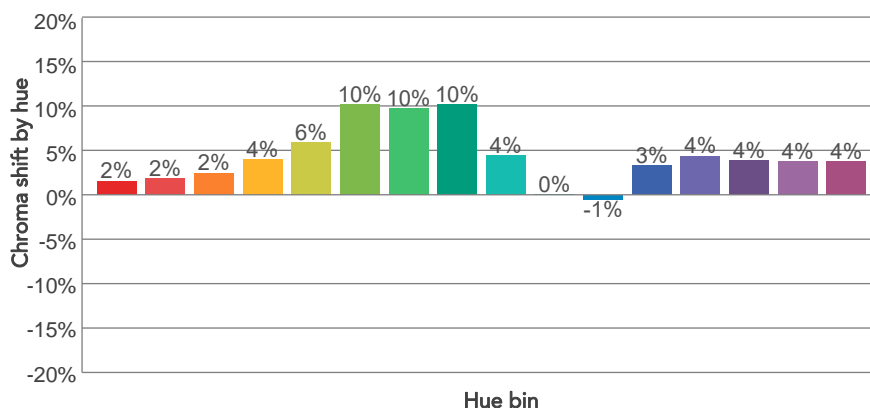
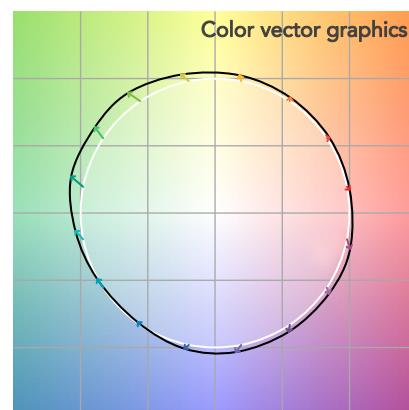
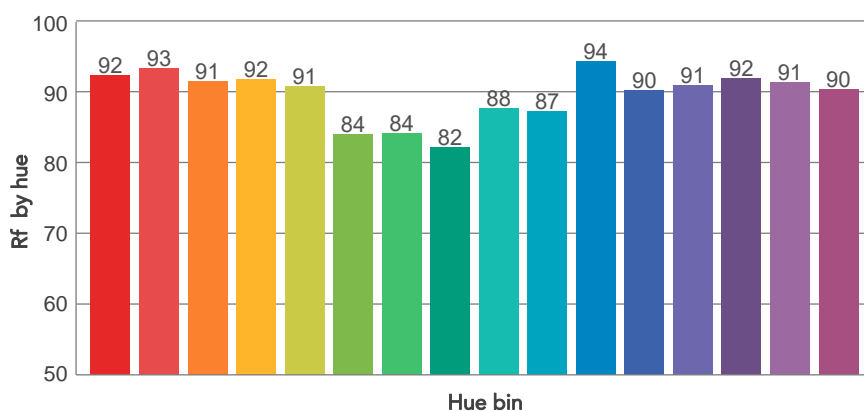
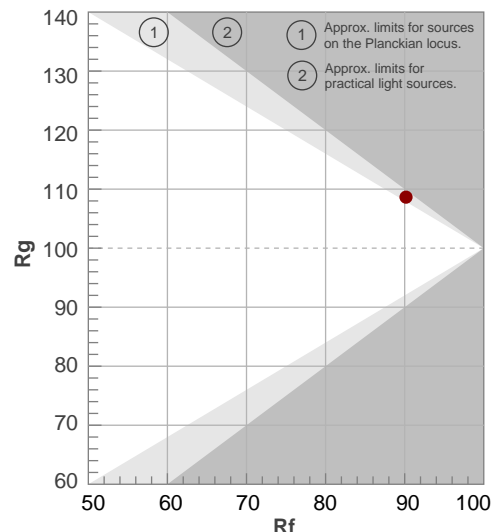
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3026 K	94,6	91,3	90,2	108,6	90,7	75	0,431	0,394	-0,0032

TM30 DETAILS

Rf 90,2
Fidelity index Rf

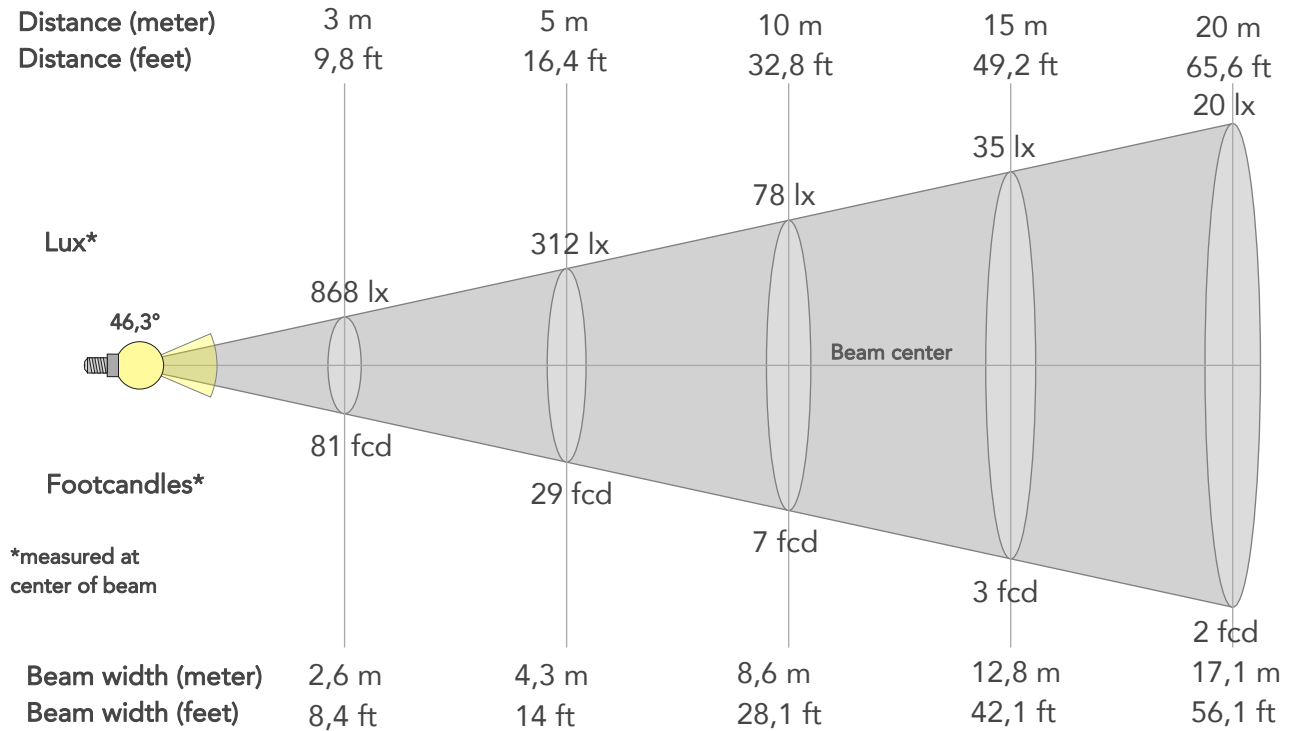
Rg 108,6
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-2%
2	93	2%	-1%
3	91	2%	1%
4	92	4%	2%
5	91	6%	5%
6	84	10%	4%
7	84	10%	-3%
8	82	10%	-6%
9	88	4%	-7%
10	87	0%	-8%
11	94	-1%	-3%
12	90	3%	-3%
13	91	4%	-5%
14	92	4%	-3%
15	91	4%	-3%
16	90	4%	-6%



BEAM DETAILS

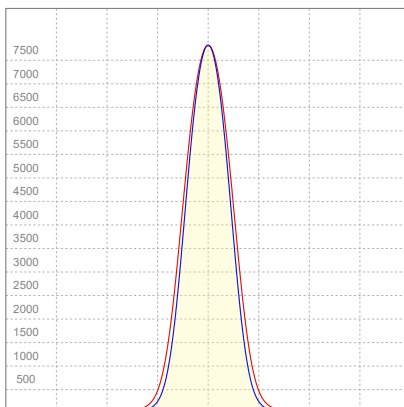
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,3°	78,2°	99,1°	99,2%	95,2%



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	7812lx	1953lx	868lx	488lx	312lx	139lx	78lx	35lx	20lx	12lx	9lx	5lx	3lx
Footcand.	726fcd	181fcd	81fcd	45fcd	29fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,6m	12,8m	17,1m	21,4m	25,7m	34,2m	42,8m
Beam wid.	2,8ft	5,6ft	8,4ft	11,2ft	14ft	21,1ft	28,1ft	42,1ft	56,1ft	70,2ft	84,2ft	112,3ft	140,4ft

LINEAR DISTRIBUTION DIAGRAM

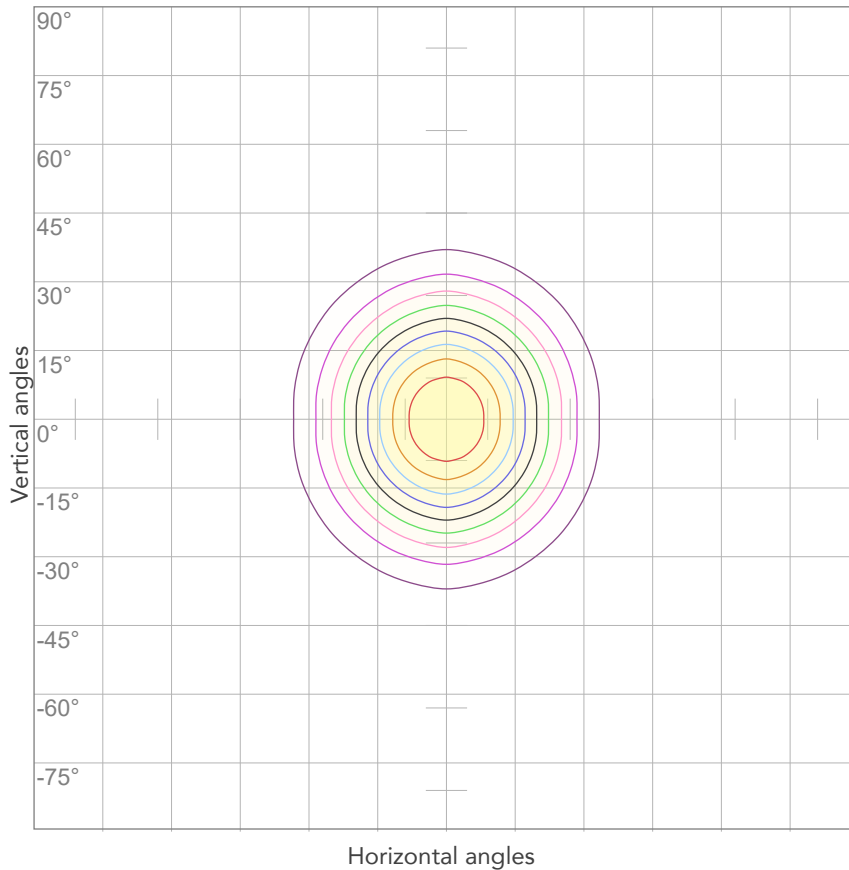


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,814A	181,1W	29lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



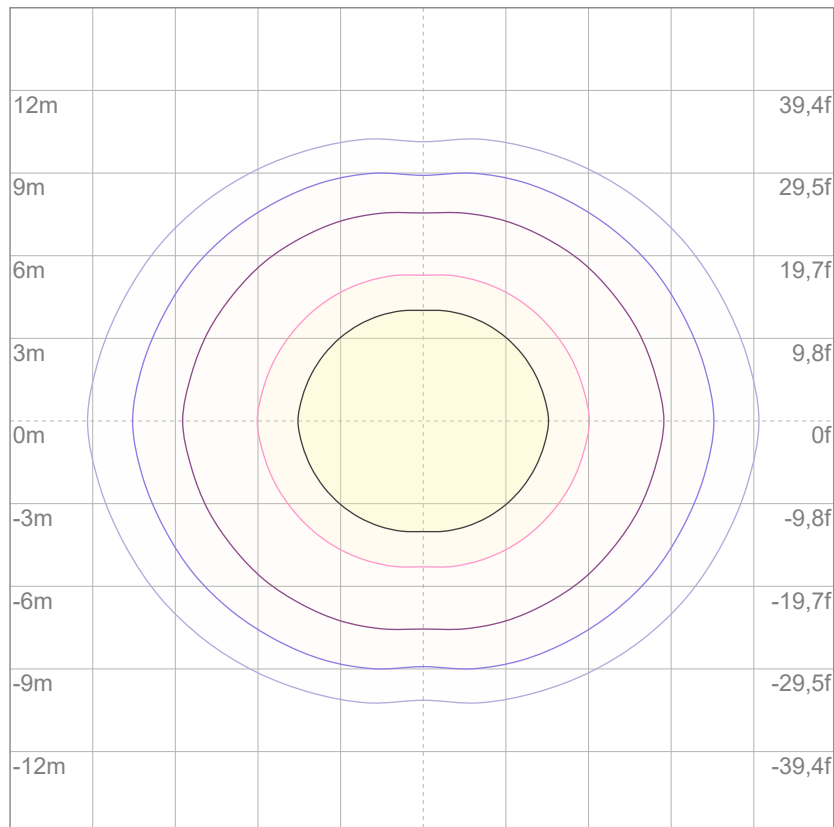
10%	781 cd
20%	1562 cd
30%	2343 cd
40%	3125 cd
50%	3906 cd
60%	4687 cd
70%	5468 cd
80%	6249 cd

Conditions:

Number of c-planes: 4

Candela at center: 7812 cd

ISO LUX DIAGRAM



3%	2,34 lx
5%	3,91 lx
10%	7,81 lx
30%	23,4 lx
50%	39,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 78,1 lx

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

Total lumen output:

5180 lm

Peak candela output:

5887 cd

Light quality:

CRI: 94,6

Color temperature:

3030 K



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 60° Filter

Target:

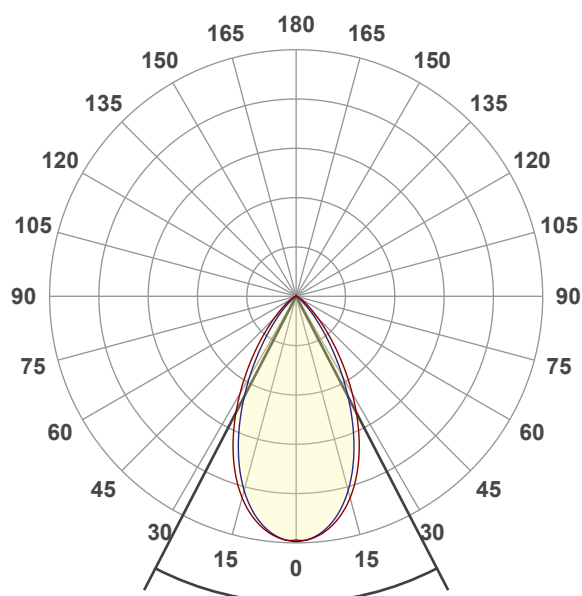
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 10:50:28

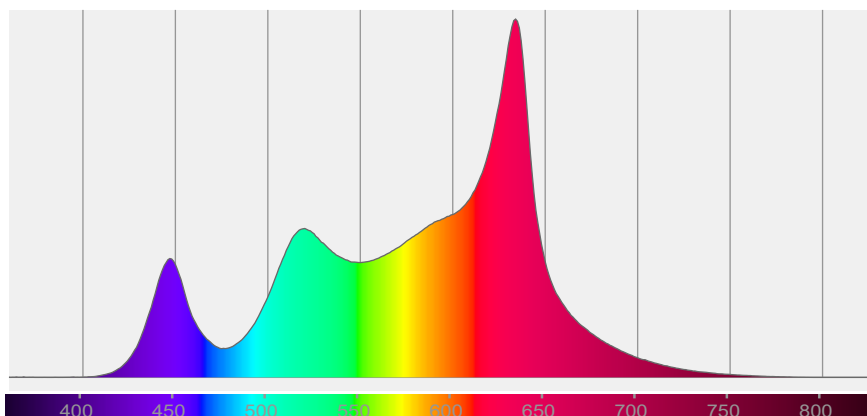


Beam angle 50%: 54,7°

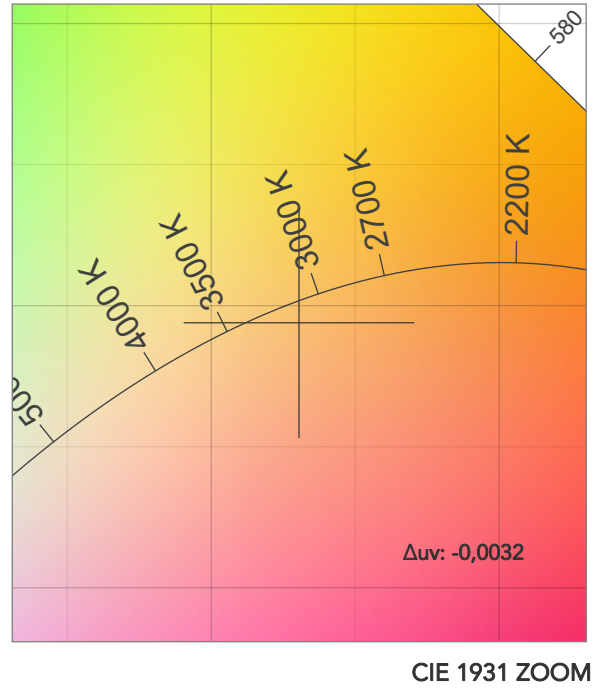
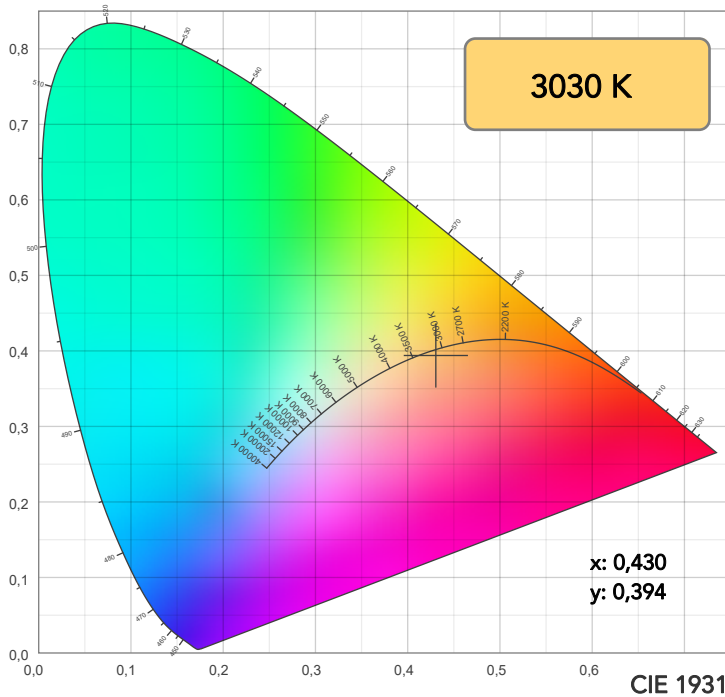
Field angle 10%: 89,9°

Cut off angle 2.5%: 112,7°

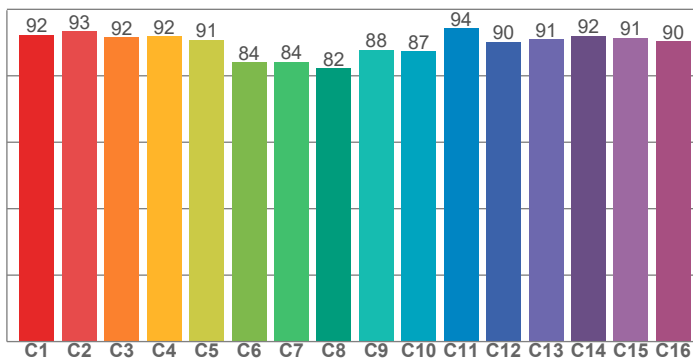
Spectra



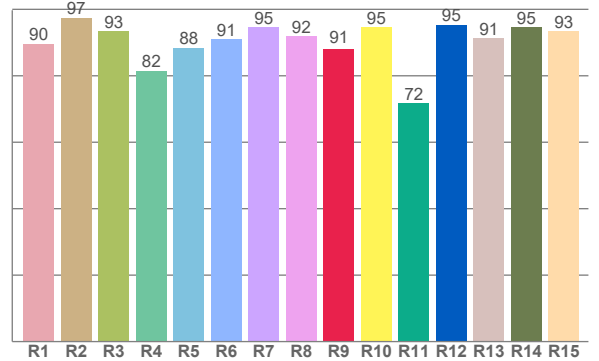
COLOR DETAILS



TM30: 90,2



CRI: 94,6 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
89,6	97,4	93,5	81,6	88,4	91,0	94,6	91,9	91,3	94,7	71,7	95,3	91,3	94,7	93,3

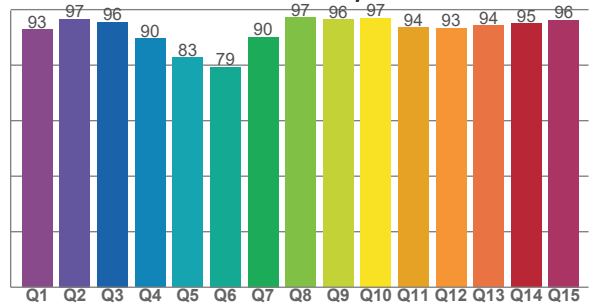
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,3	93,3	91,5	91,8	90,8	84,0	84,2	82,2	87,8	87,4	94,3	90,2	90,9	91,9	91,4	90,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,8	96,7	95,5	89,6	82,7	79,4	90,2	97,2	96,4	97,1	93,6	93,3	94,2	94,9	96,3

CQS: 90,7



COLOR PARAMETERS

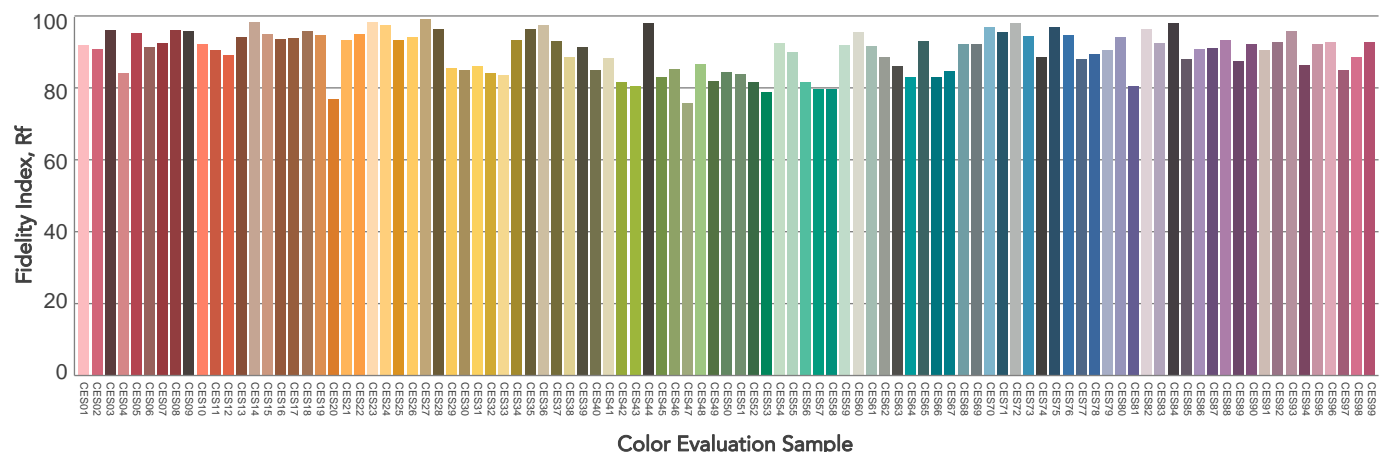
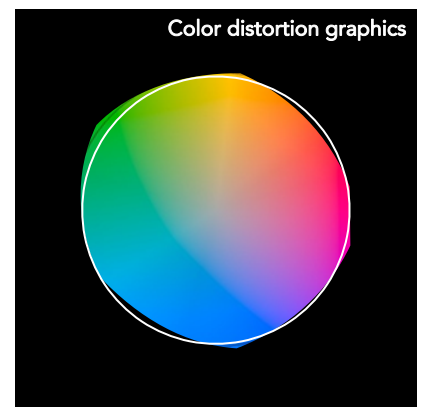
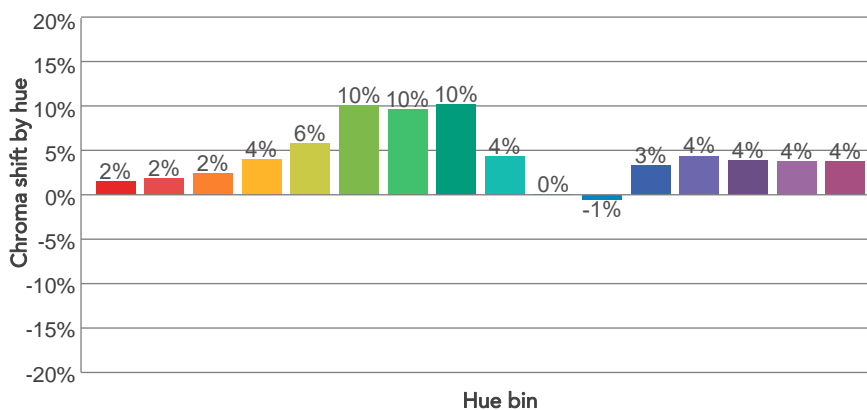
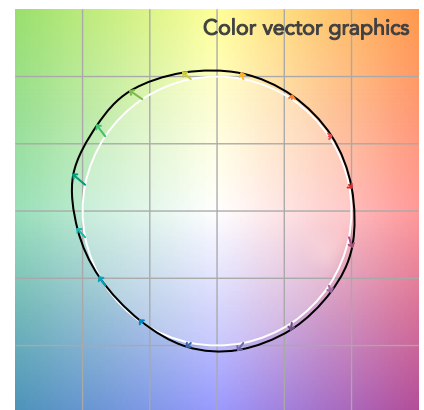
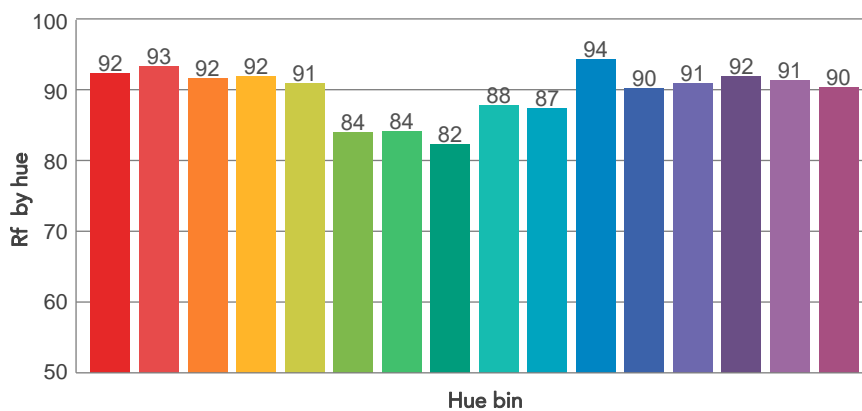
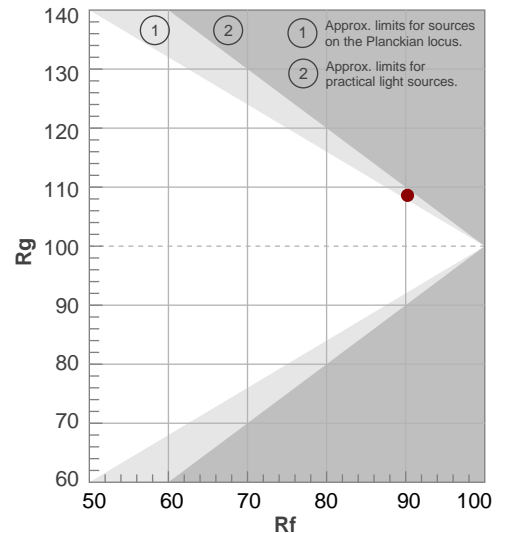
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3030 K	94,6	91,3	90,2	108,6	90,7	75	0,430	0,394	-0,0032

TM30 DETAILS

Rf 90,2
Fidelity index Rf

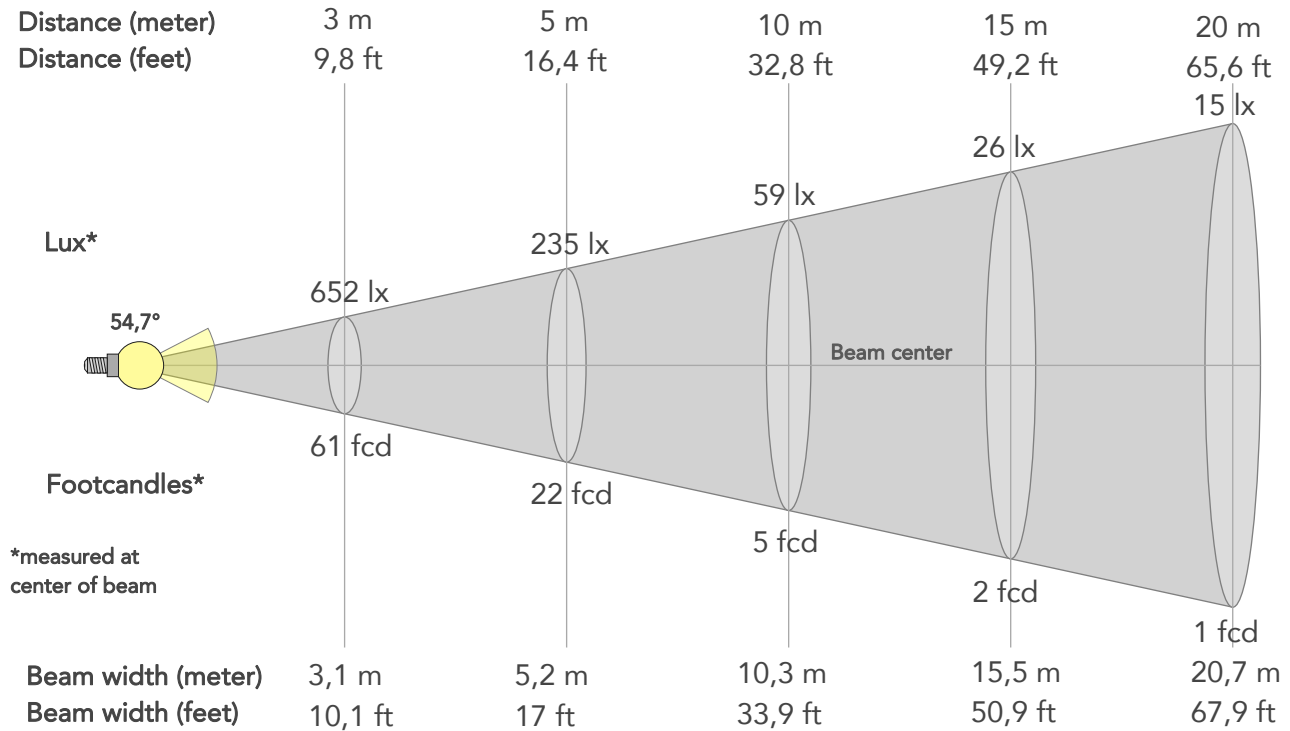
Rg 108,6
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-2%
2	93	2%	-1%
3	92	2%	1%
4	92	4%	2%
5	91	6%	5%
6	84	10%	4%
7	84	10%	-3%
8	82	10%	-6%
9	88	4%	-7%
10	87	0%	-8%
11	94	-1%	-3%
12	90	3%	-2%
13	91	4%	-5%
14	92	4%	-3%
15	91	4%	-3%
16	90	4%	-6%



BEAM DETAILS

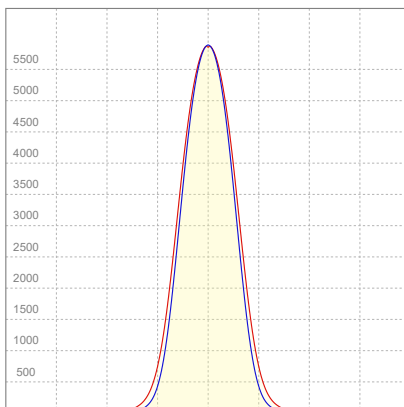
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
54,7°	89,9°	112,7°	98,7%	92,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	5871lx	1468lx	652lx	367lx	235lx	104lx	59lx	26lx	15lx	9lx	7lx	4lx	2lx
Footcand.	545fcd	136fcd	61fcd	34fcd	22fcd	10fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	1m	2,1m	3,1m	4,1m	5,2m	7,8m	10,3m	15,5m	20,7m	25,9m	31m	41,4m	51,7m
Beam wid.	3,4ft	6,8ft	10,1ft	13,6ft	17ft	25,5ft	33,9ft	50,9ft	67,9ft	84,8ft	101,8ft	135,8ft	169,7ft

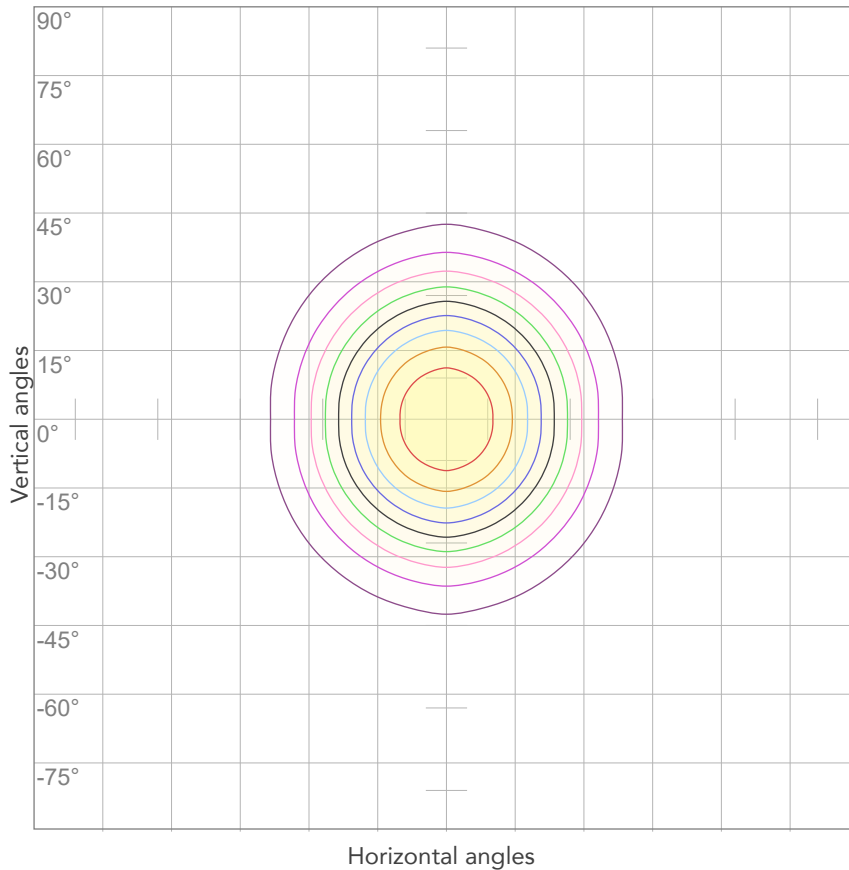
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,811A	180,8W	29lm/W

ISO CANDELA DIAGRAM



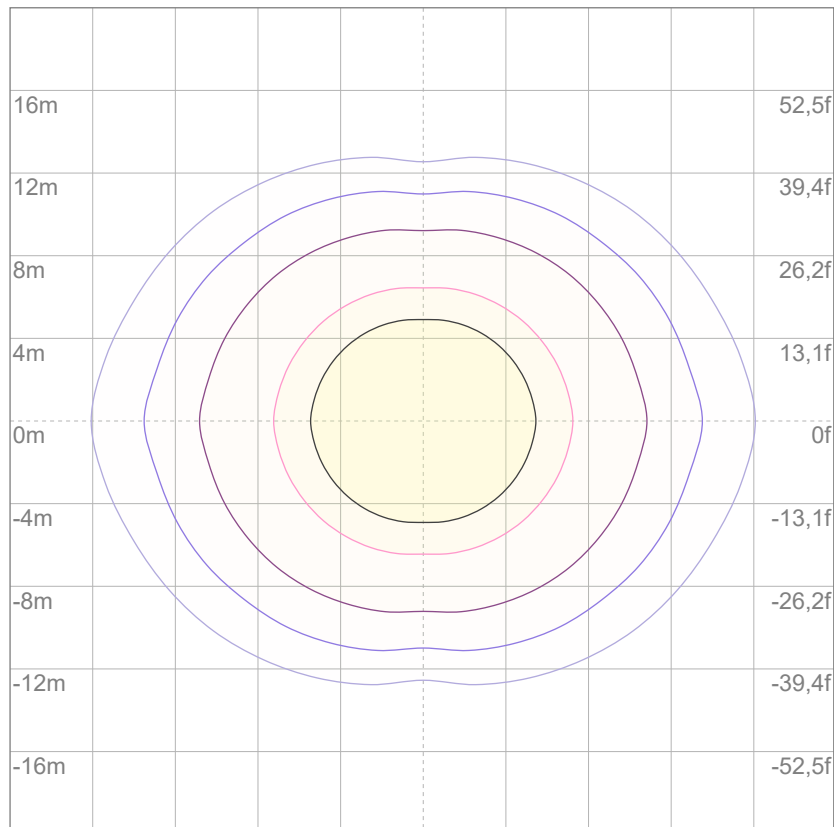
10%	587 cd
20%	1174 cd
30%	1761 cd
40%	2349 cd
50%	2936 cd
60%	3523 cd
70%	4110 cd
80%	4697 cd

Conditions:

Number of c-planes: 4

Candela at center: 5871 cd

ISO LUX DIAGRAM



3%	1,76 lx
5%	2,94 lx
10%	5,87 lx
30%	17,6 lx
50%	29,4 lx

Conditions:

Number of c-planes: 4

Lux at center: 58,7 lx

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

Total lumen output:

6731 lm

Peak candela output:

117131 cd

Light quality:

CRI: 96,4

Color temperature:

5606 K



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic No. Filter

Target:

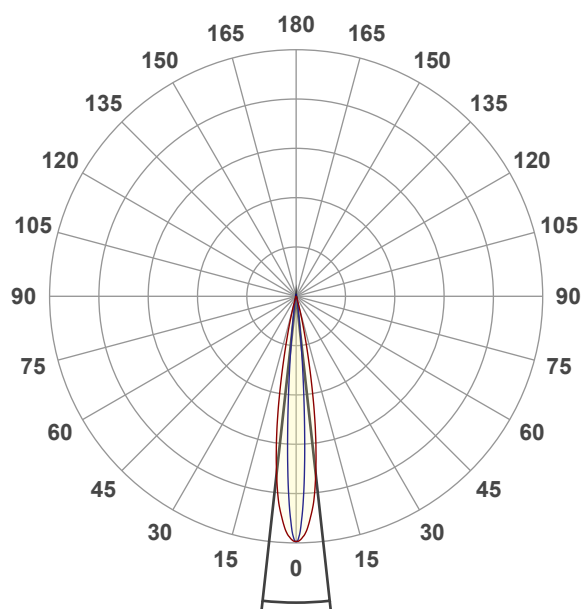
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:11:37

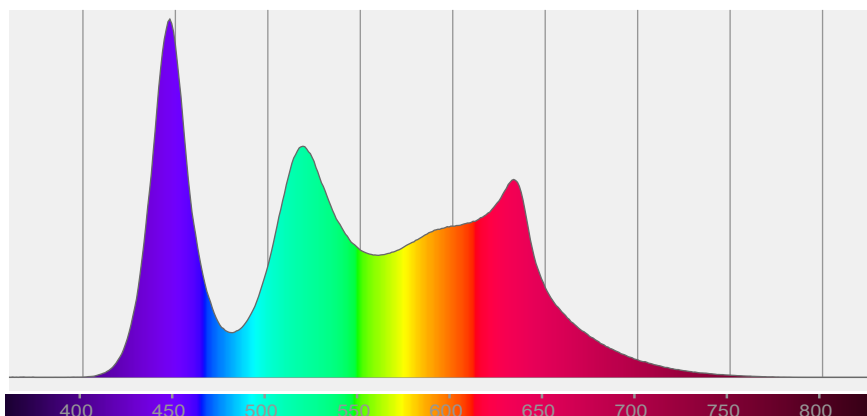


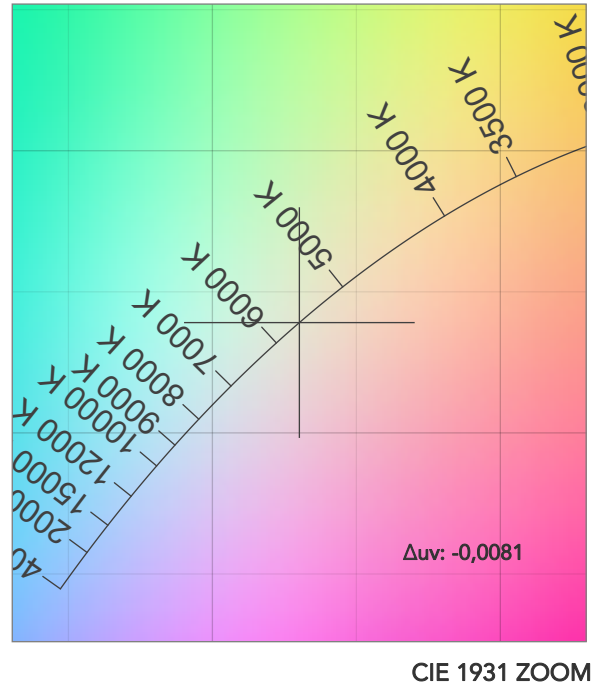
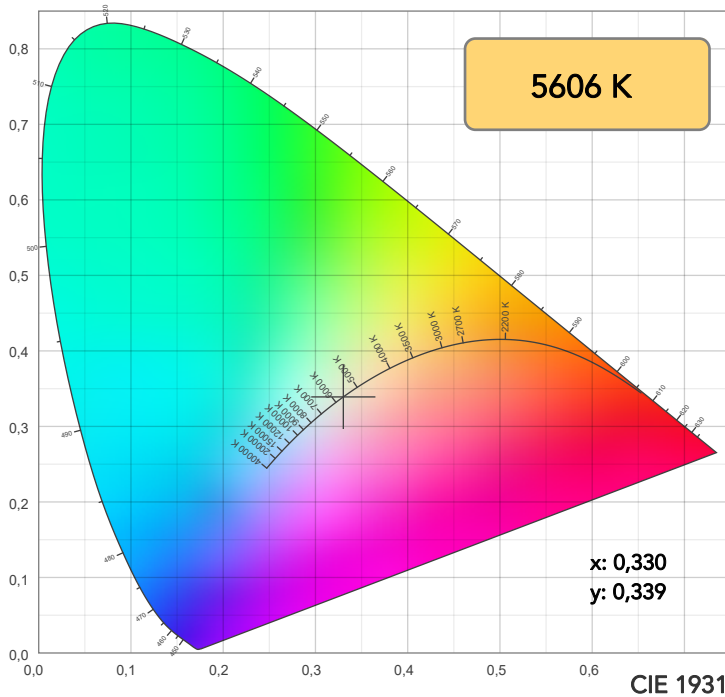
Beam angle 50%: 12,6°

Field angle 10%: 21,1°

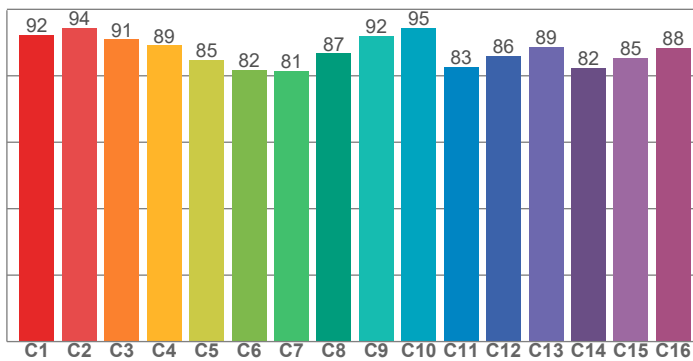
Cut off angle 2.5%: 28,9°

Spectra

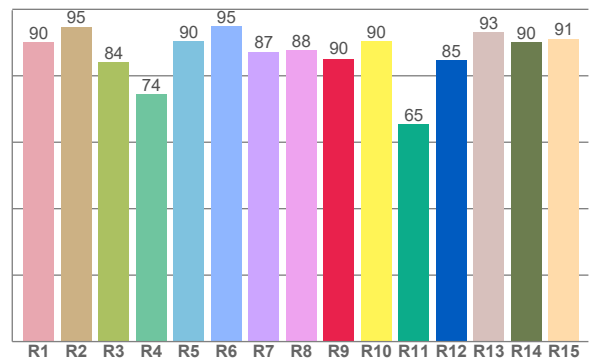




TM30: 87,6



CRI: 96,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
90,1	94,7	84,1	74,4	90,4	94,9	87,3	87,7	90	90,4	65,3	84,7	93,0	90,2	91,2

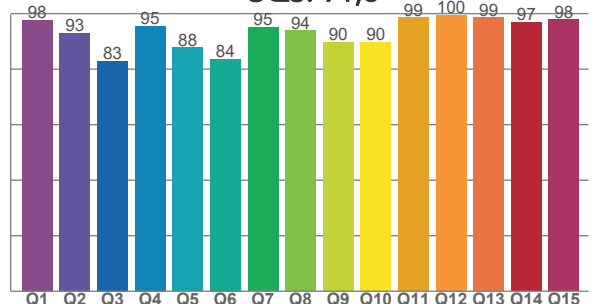
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,4	94,4	91,0	89,2	84,7	81,8	81,4	86,8	91,9	94,5	82,6	86,0	88,7	82,4	85,3	88,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,7	93,0	83,0	95,5	87,8	83,7	95,1	93,8	89,7	89,8	98,7	99,6	98,5	96,9	97,9

CQS: 91,6



COLOR PARAMETERS

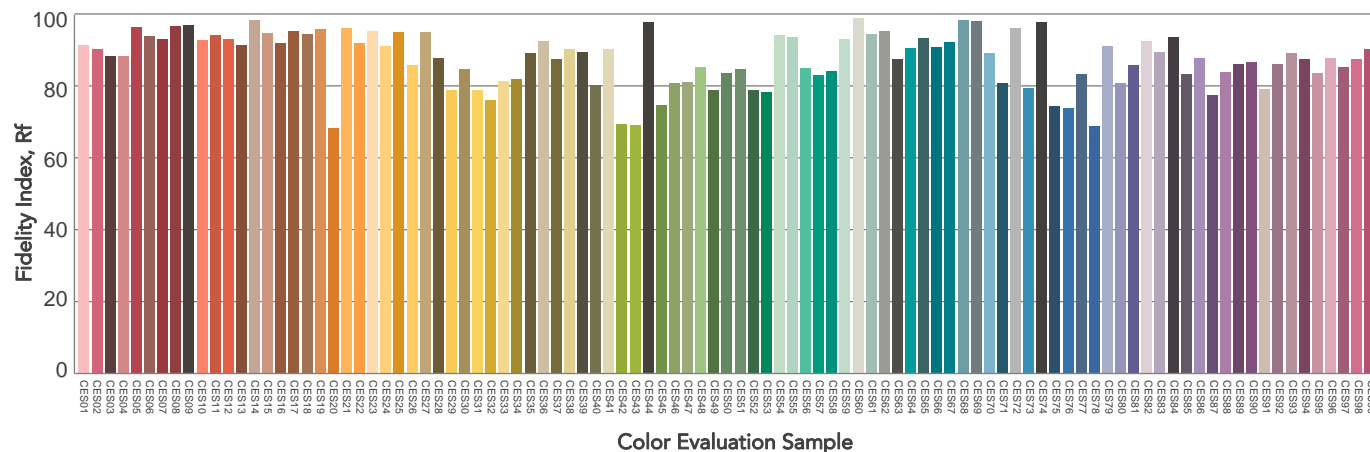
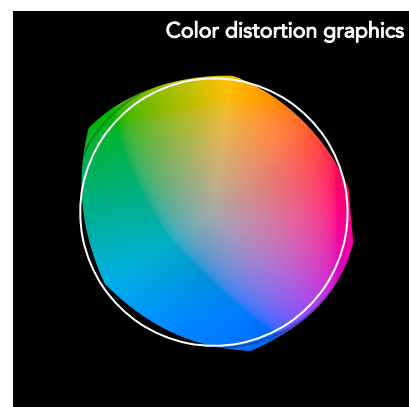
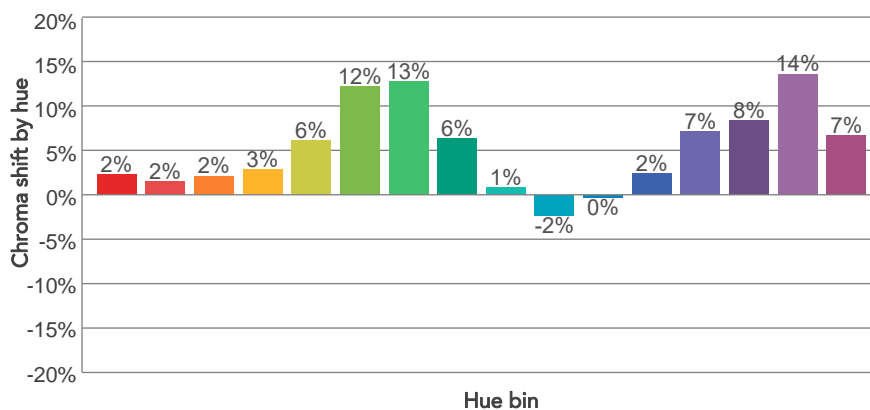
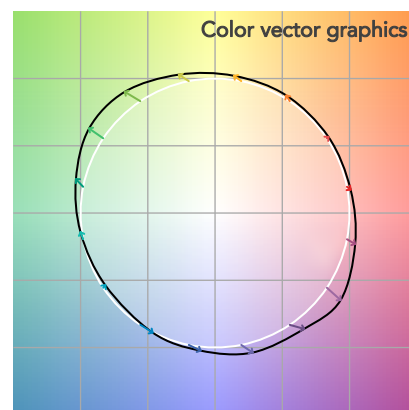
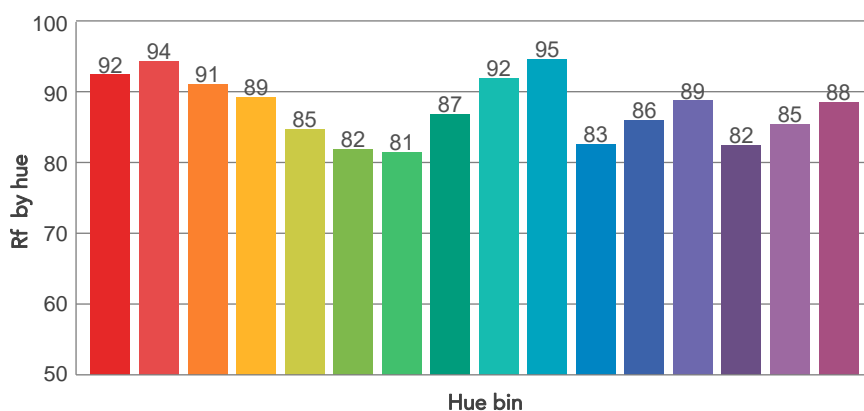
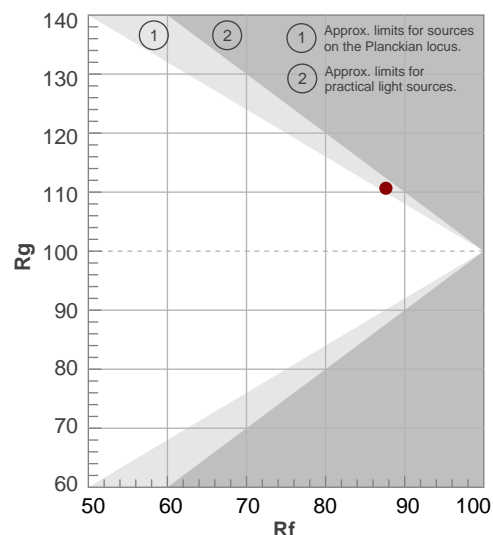
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5606 K	96,4	90	87,6	110,7	91,6	77	0,330	0,339	-0,0081

TM30 DETAILS

Rf 87,6
Fidelity index Rf

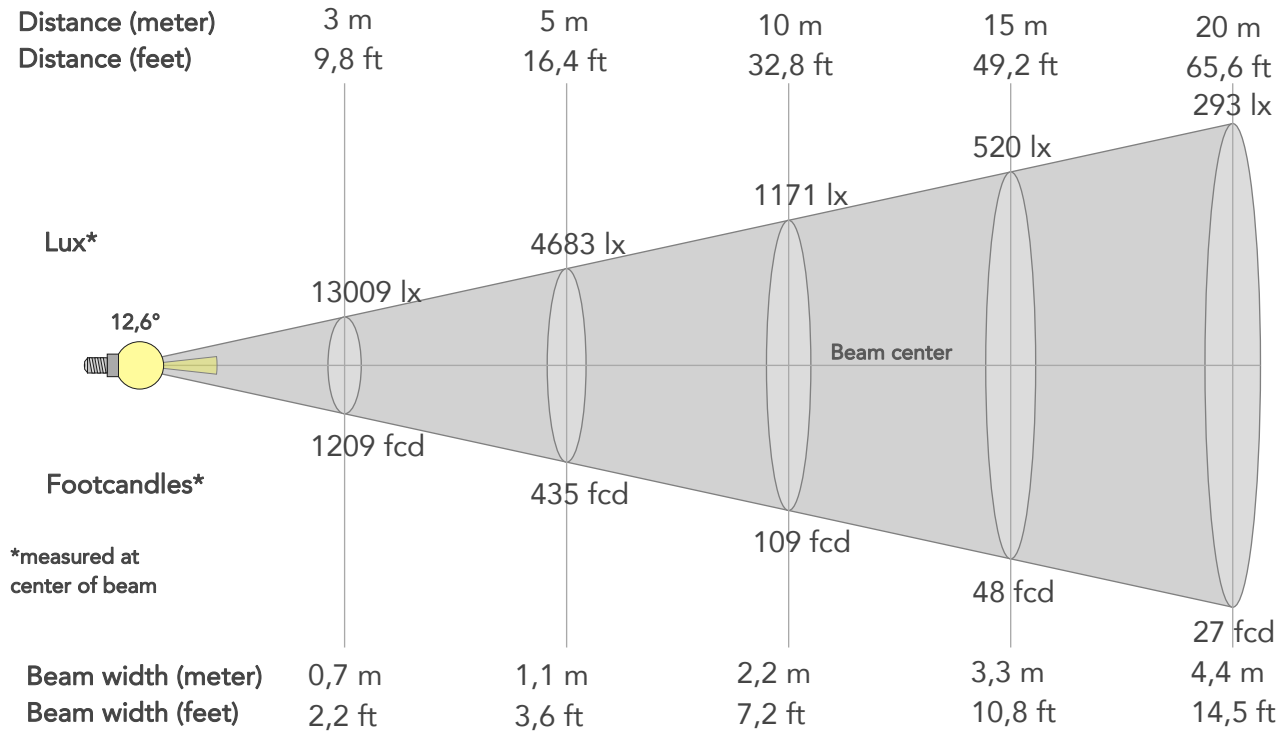
Rg 110,7
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	94	2%	0%
3	91	2%	4%
4	89	3%	6%
5	85	6%	6%
6	82	12%	6%
7	81	13%	0%
8	87	6%	-5%
9	92	1%	-6%
10	95	-2%	-1%
11	83	0%	11%
12	86	2%	9%
13	89	7%	7%
14	82	8%	7%
15	85	14%	-2%
16	88	7%	-2%



BEAM DETAILS

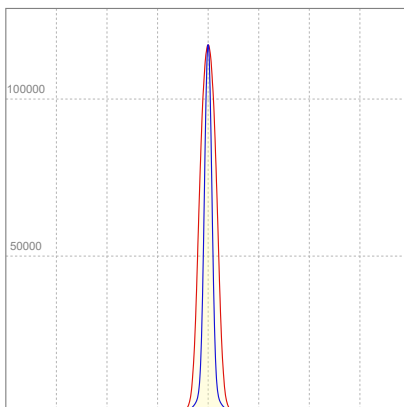
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12,6°	21,1°	28,9°	100,0%	100,0%



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	117081lx	29270lx	13009lx	7318lx	4683lx	2081lx	1171lx	520lx	293lx	187lx	130lx	73lx	47lx
Footcand.	10877fcd	2719fcd	1209fcd	680fcd	435fcd	193fcd	109fcd	48fcd	27fcd	17fcd	12fcd	7fcd	4fcd
Beam wid.	0,2m	0,4m	0,7m	0,9m	1,1m	1,7m	2,2m	3,3m	4,4m	5,5m	6,6m	8,8m	11m
Beam wid.	0,7ft	1,5ft	2,2ft	2,9ft	3,6ft	5,4ft	7,2ft	10,8ft	14,5ft	18,1ft	21,7ft	28,9ft	36,1ft

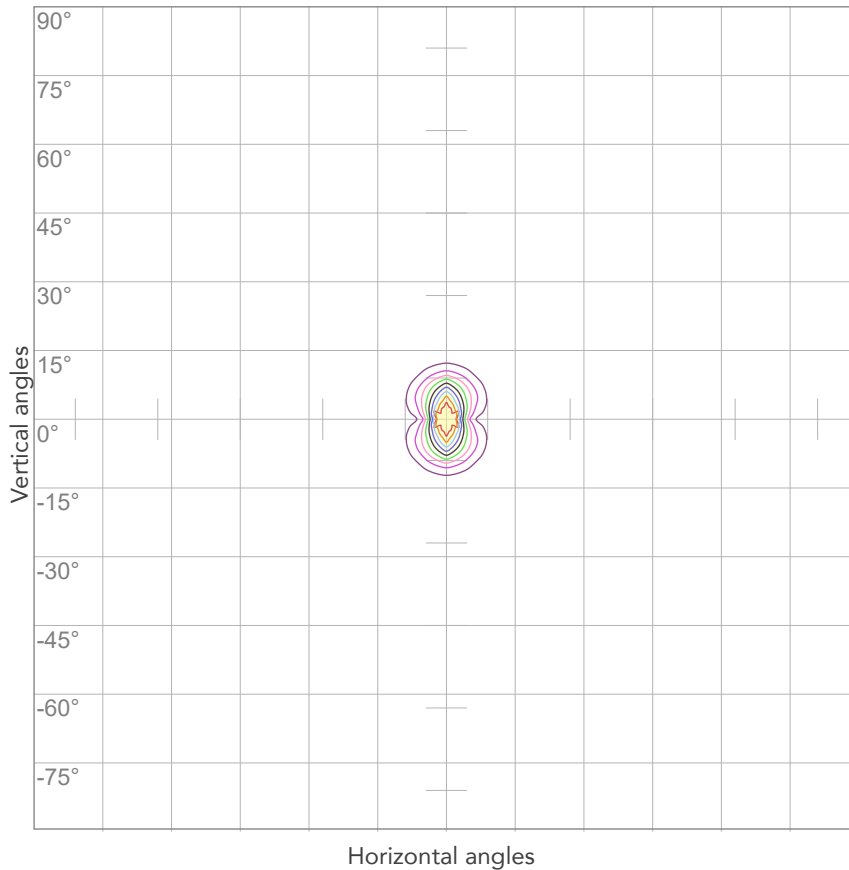
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,936A	207,3W	32lm/W

ISO CANDELA DIAGRAM



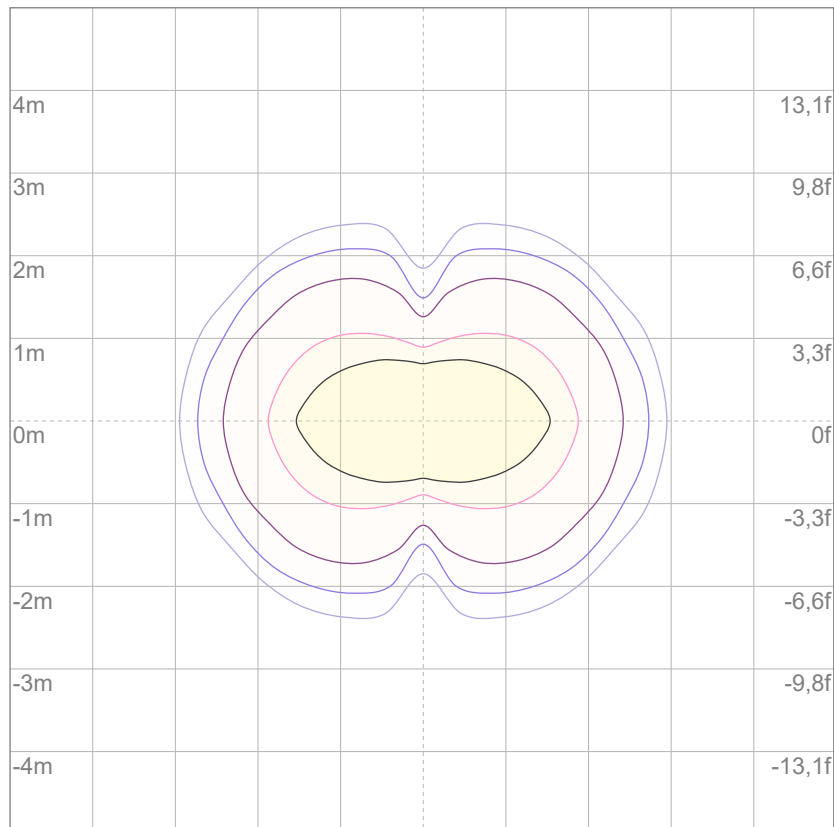
10%	11708 cd
20%	23416 cd
30%	35124 cd
40%	46833 cd
50%	58541 cd
60%	70249 cd
70%	81957 cd
80%	93665 cd

Conditions:

Number of c-planes: 4

Candela at center: 117081 cd

ISO LUX DIAGRAM



3%	35,1 lx
5%	58,5 lx
10%	117 lx
30%	351 lx
50%	585 lx

Conditions:

Number of c-planes: 4

Lux at center: 1171 lx

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

Total lumen output:

5884 lm

Peak candela output:

8811 cd

Light quality:

CRI: 96,4

Color temperature:

5608 K



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 40° Filter

Target:

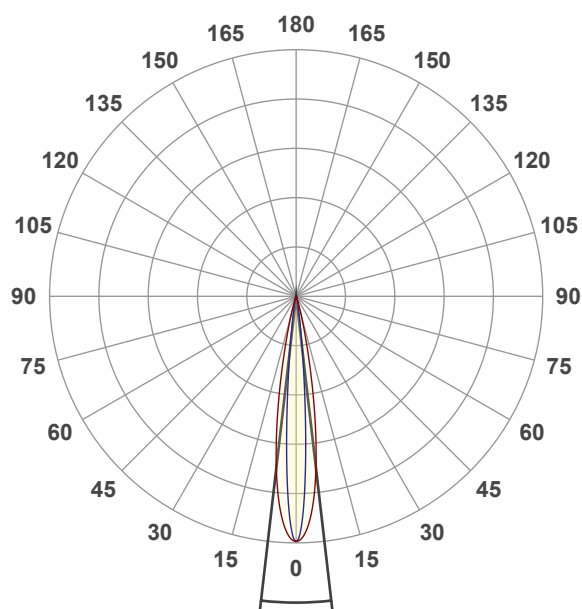
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:23:21

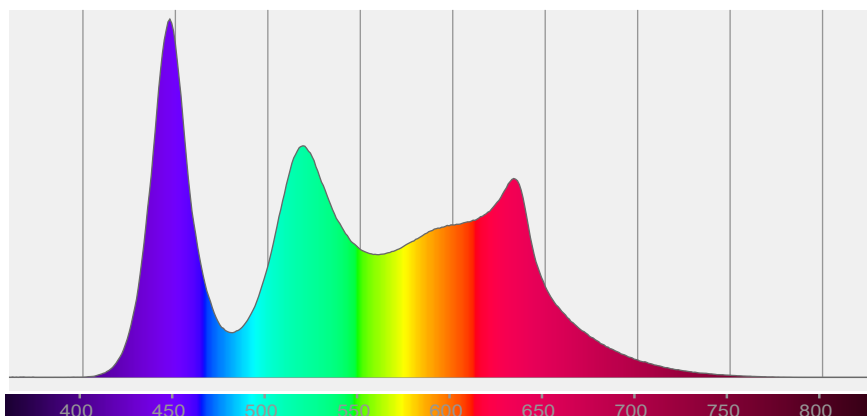


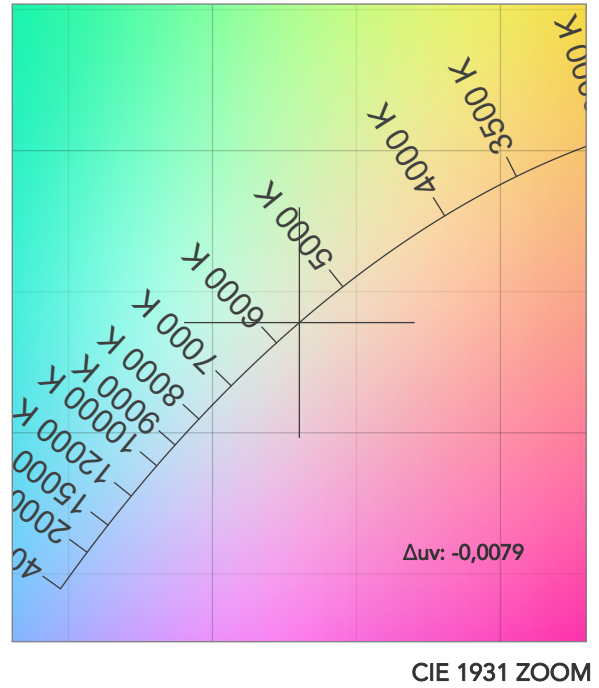
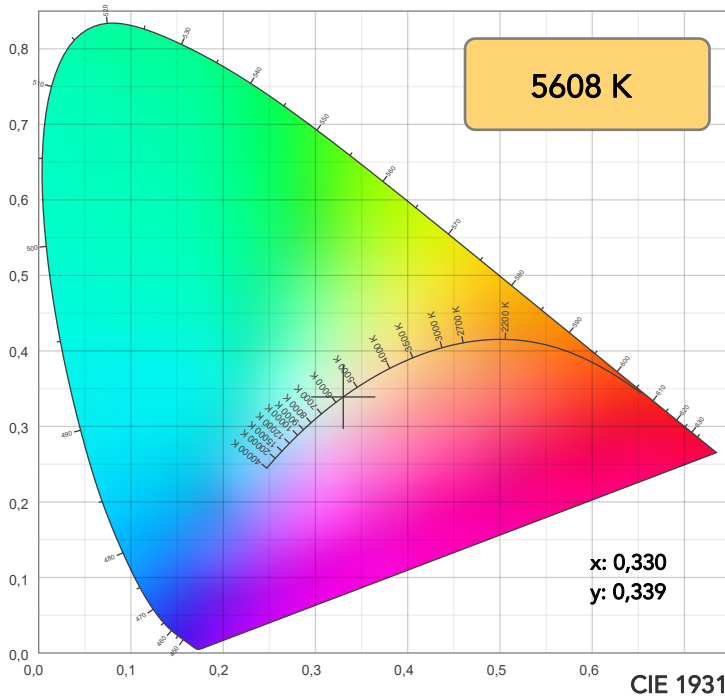
Beam angle 50%: 46,3°

Field angle 10%: 78,3°

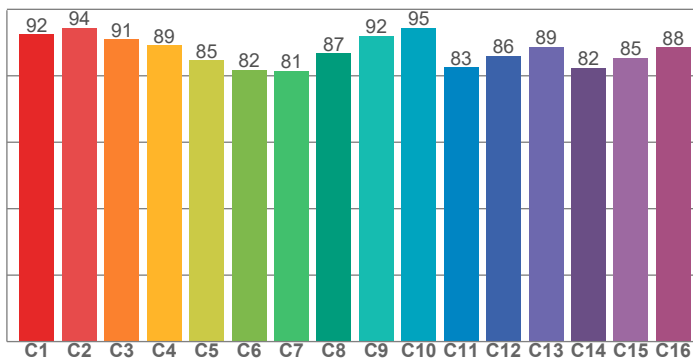
Cut off angle 2.5%: 100,1°

Spectra

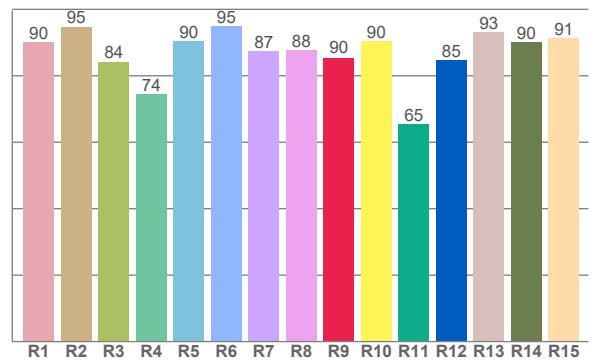




TM30: 87,8



CRI: 96,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
90,3	94,8	84,2	74,8	90,6	94,9	87,4	87,7	90	90,4	65,8	84,5	93,1	90,2	91,3

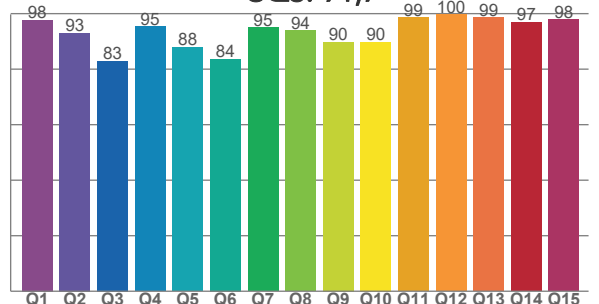
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,5	94,4	91,2	89,4	85,0	82,1	81,8	87,1	92,1	94,6	82,7	86,1	88,8	82,6	85,3	88,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,9	93,0	83,1	95,4	88,1	84,0	95,1	93,9	89,8	89,9	98,6	99,6	98,5	96,9	97,9

CQS: 91,7



COLOR PARAMETERS

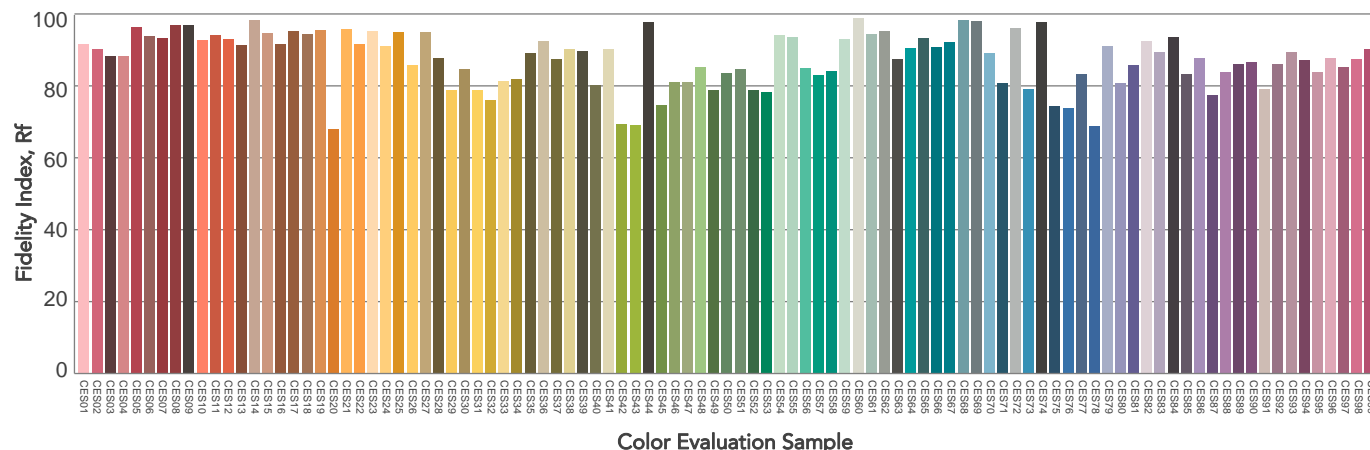
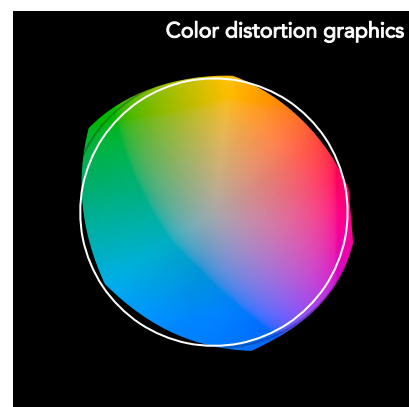
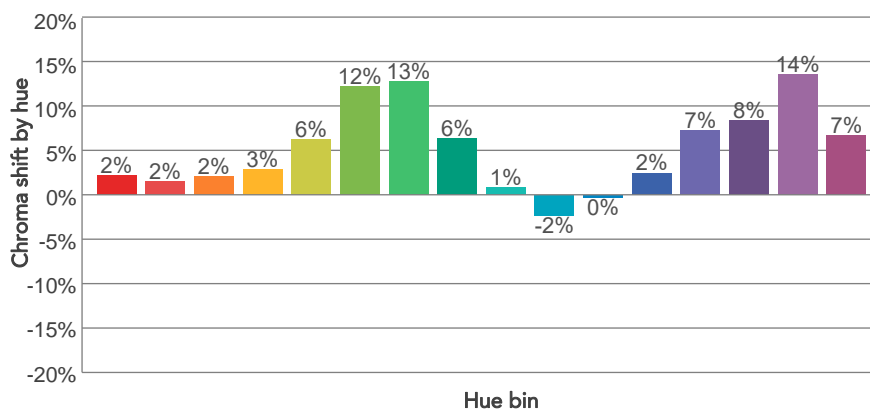
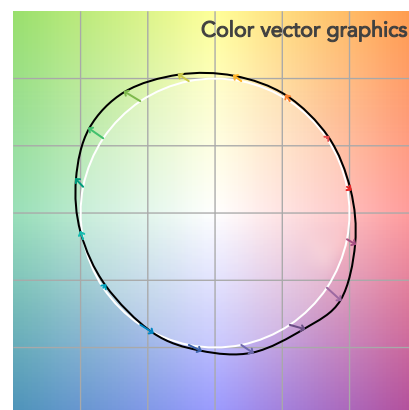
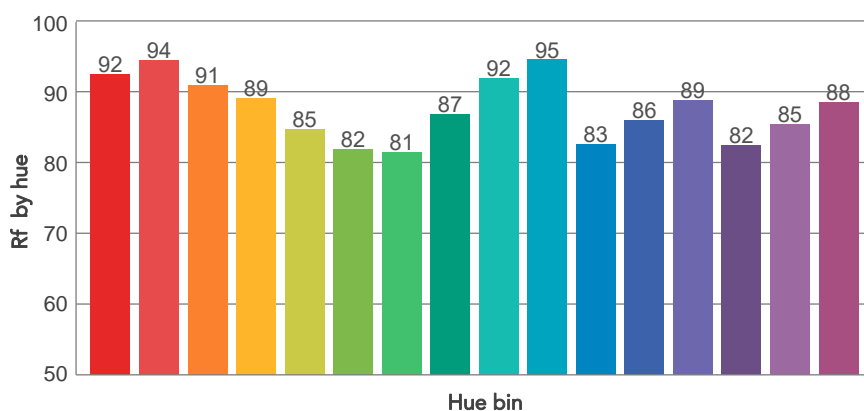
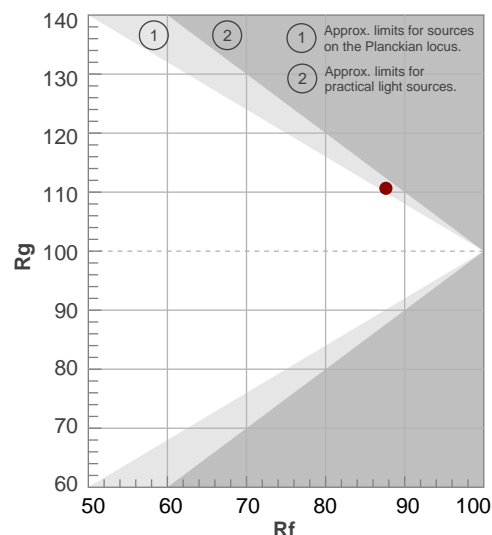
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5608 K	96,4	90	87,8	110,5	91,7	77	0,330	0,339	-0,0079

TM30 DETAILS

Rf 87,8
Fidelity index Rf

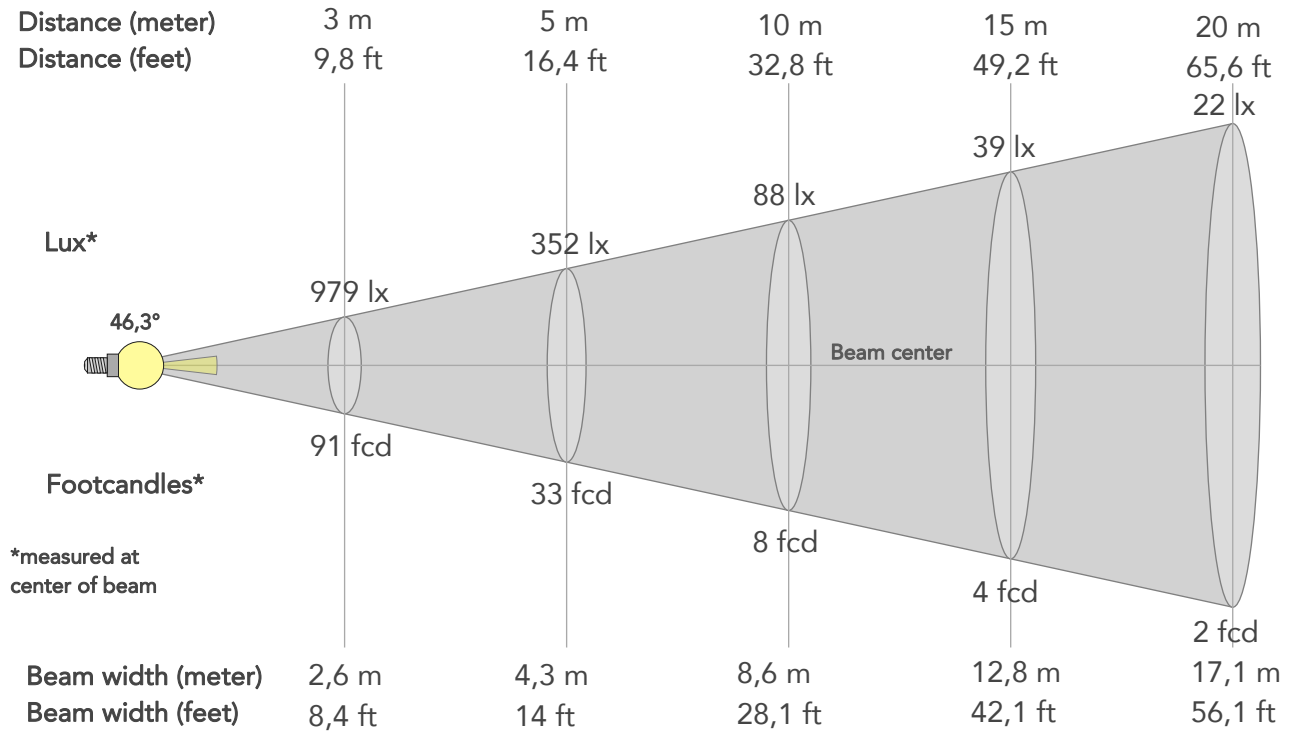
Rg 110,5
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	94	2%	0%
3	91	2%	4%
4	89	3%	6%
5	85	6%	6%
6	82	12%	6%
7	82	13%	0%
8	87	6%	-4%
9	92	1%	-5%
10	95	-2%	-1%
11	83	0%	11%
12	86	2%	9%
13	89	7%	7%
14	83	8%	7%
15	85	14%	-2%
16	89	7%	-2%



BEAM DETAILS

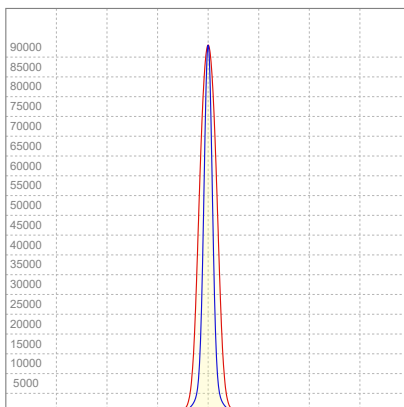
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,3°	78,3°	100,1°	98,9%	94,6%



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	8810lx	2203lx	979lx	551lx	352lx	157lx	88lx	39lx	22lx	14lx	10lx	6lx	4lx
Footcand.	818fcd	205fcd	91fcd	51fcd	33fcd	15fcd	8fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,6m	12,8m	17,1m	21,4m	25,7m	34,2m	42,8m
Beam wid.	2,8ft	5,6ft	8,4ft	11,2ft	14ft	21,1ft	28,1ft	42,1ft	56,1ft	70,2ft	84,2ft	112,3ft	140,3ft

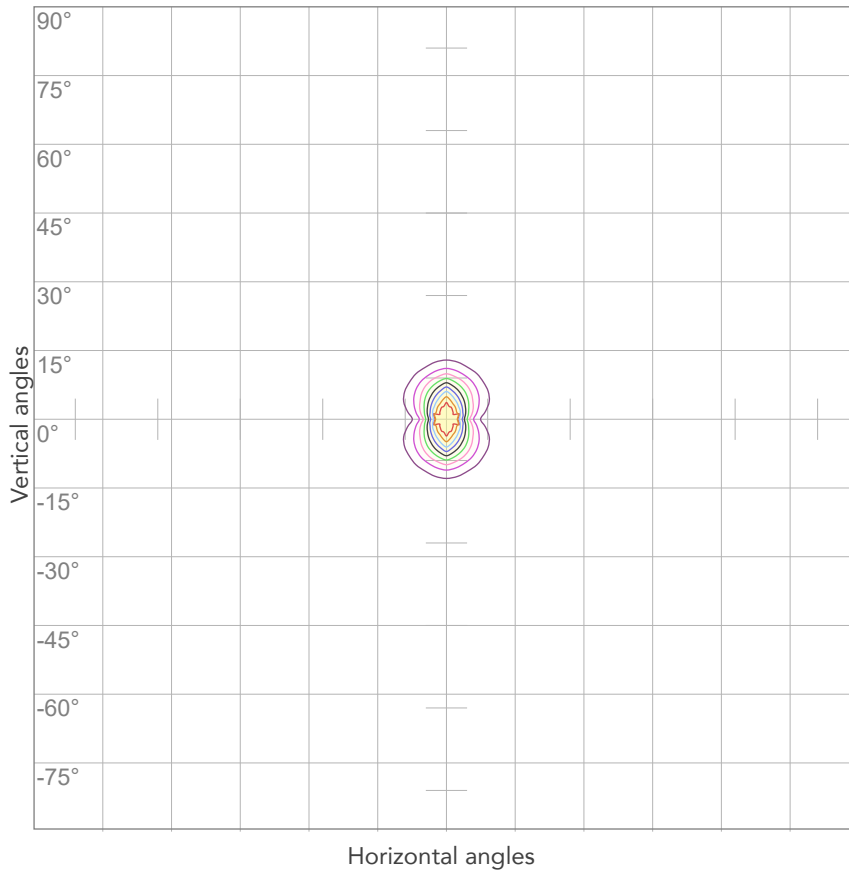
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,935A	206,8W	28lm/W

ISO CANDELA DIAGRAM



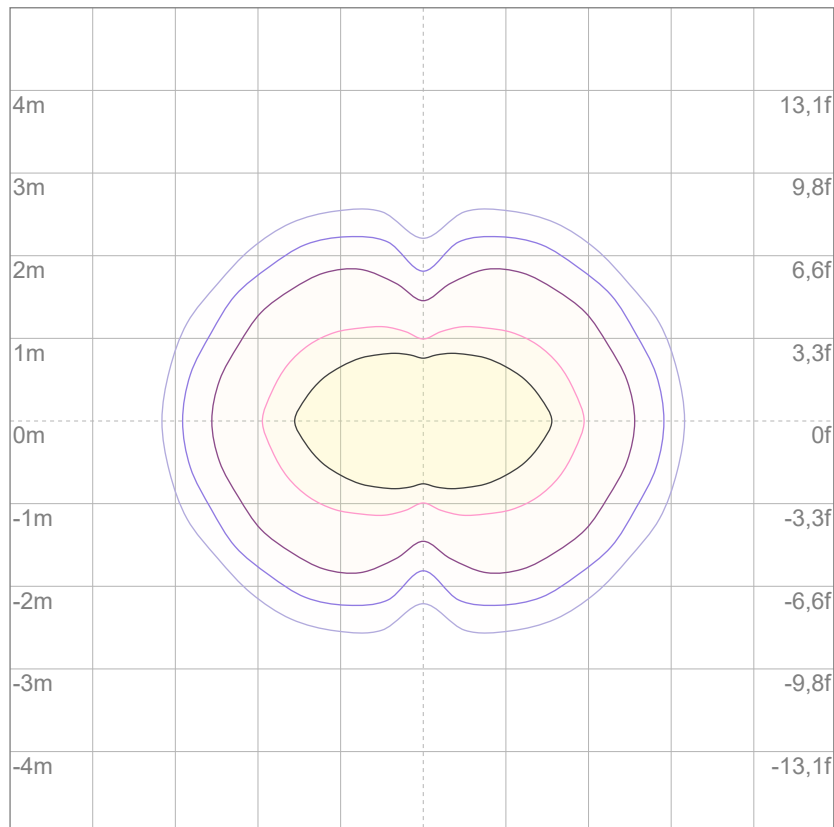
10%	881 cd
20%	1762 cd
30%	2643 cd
40%	3524 cd
50%	4405 cd
60%	5286 cd
70%	6167 cd
80%	7048 cd

Conditions:

Number of c-planes: 4

Candela at center: 8810 cd

ISO LUX DIAGRAM



3%	2,64 lx
5%	4,41 lx
10%	8,81 lx
30%	26,4 lx
50%	44,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 88,1 lx

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

Total lumen output:

5388 lm

Peak candela output:

24578 cd

Light quality:

CRI: 96,4

Color temperature:

5608 K



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 20° Filter

Target:

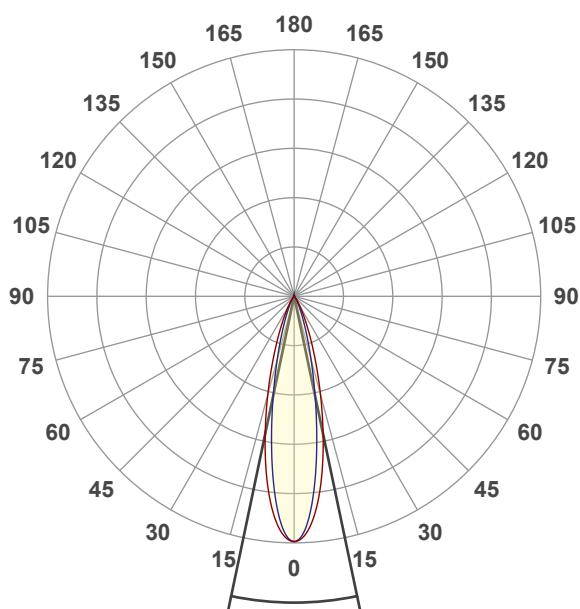
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:18:56

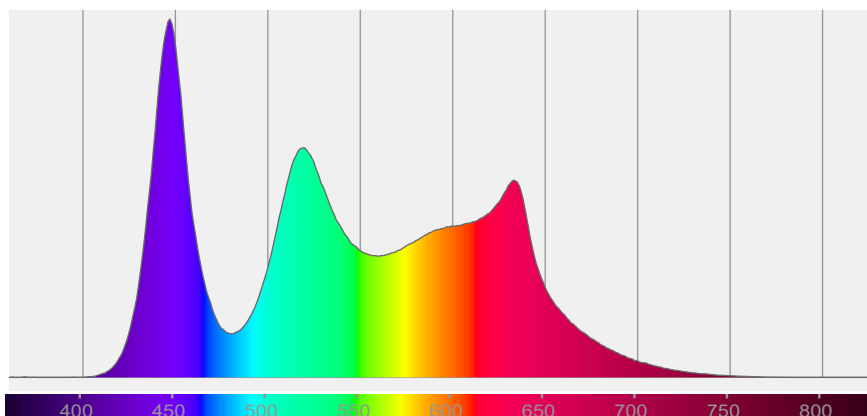


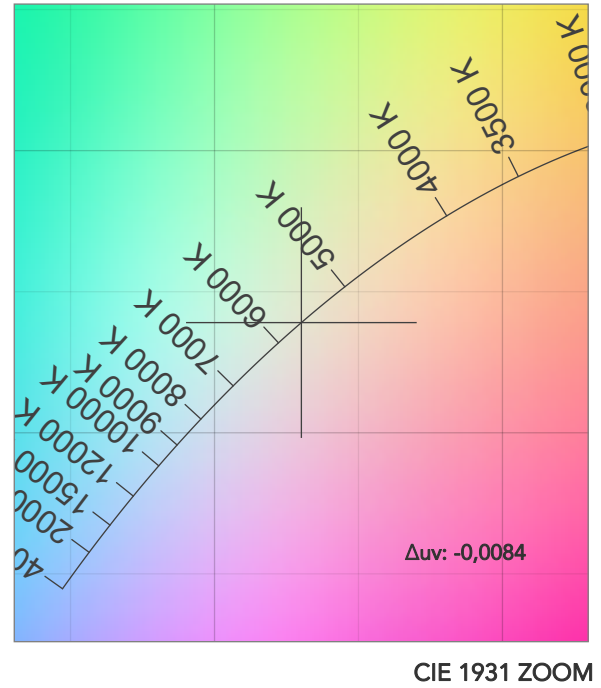
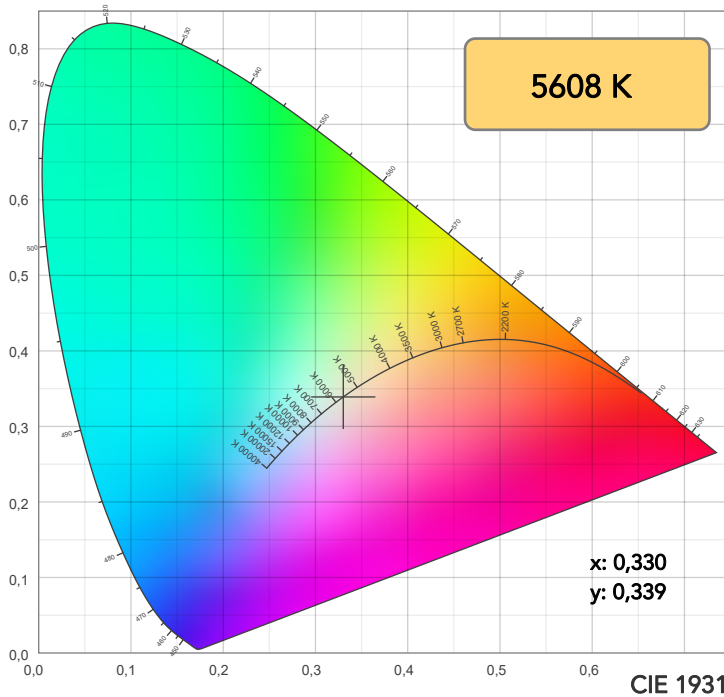
Beam angle 50%: 23,7°

Field angle 10%: 46,5°

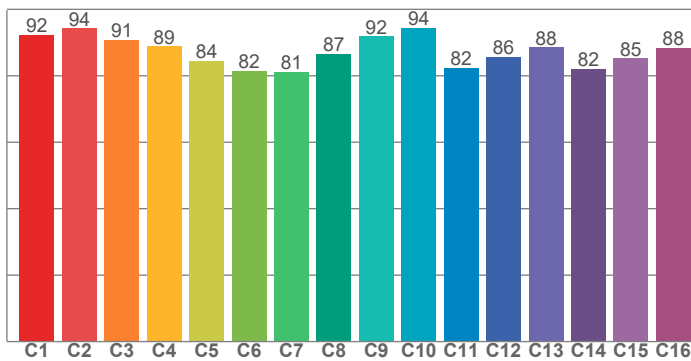
Cut off angle 2.5%: 63,6°

Spectra

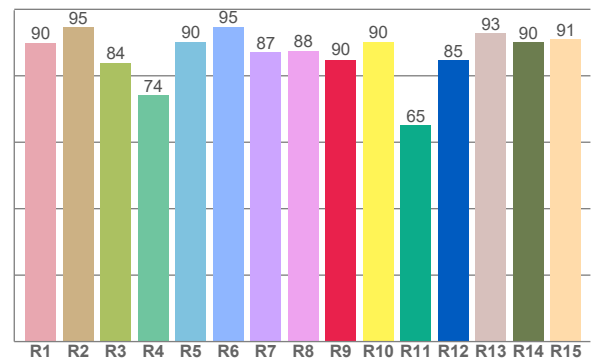




TM30: 87,4



CRI: 96,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
90,0	94,7	83,9	74,1	90,3	94,7	87,2	87,5	90	90,3	65,1	84,7	92,9	90,0	91,0

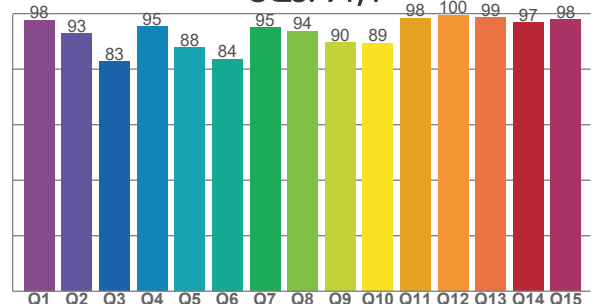
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,4	94,3	90,7	88,8	84,4	81,6	81,3	86,6	91,9	94,4	82,3	85,7	88,5	82,1	85,2	88,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,7	92,8	82,7	95,3	87,8	83,6	95,0	93,8	89,5	89,5	98,4	99,6	98,6	96,8	97,8

CQS: 91,4



COLOR PARAMETERS

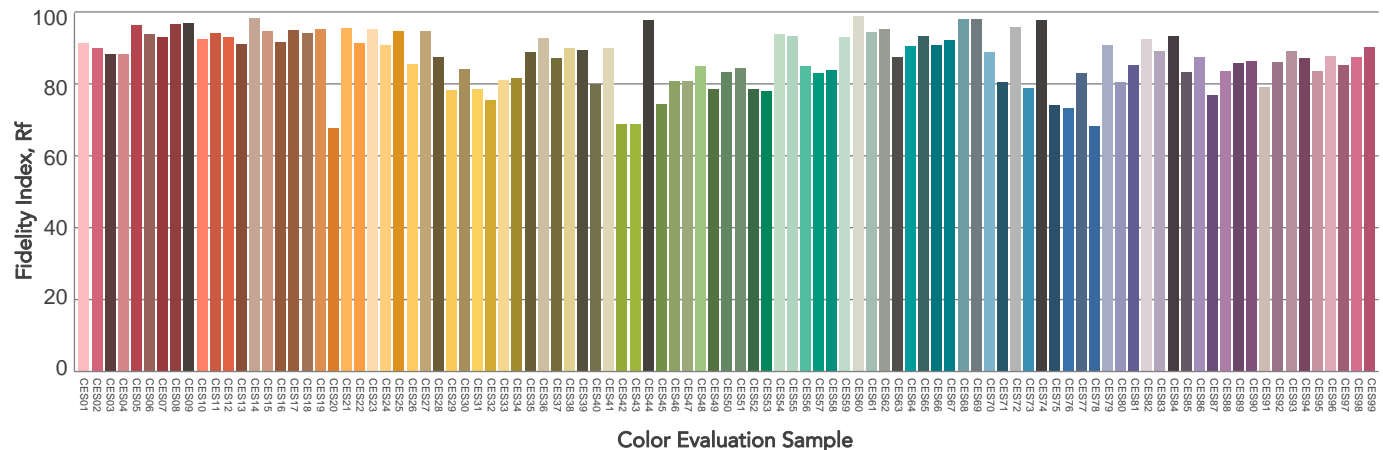
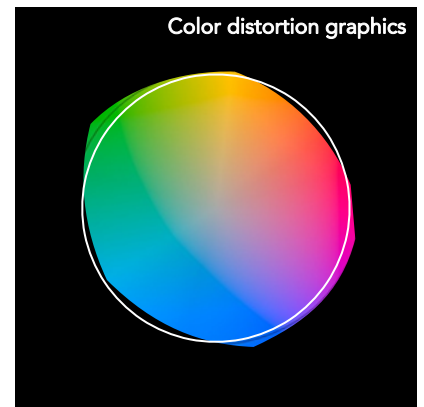
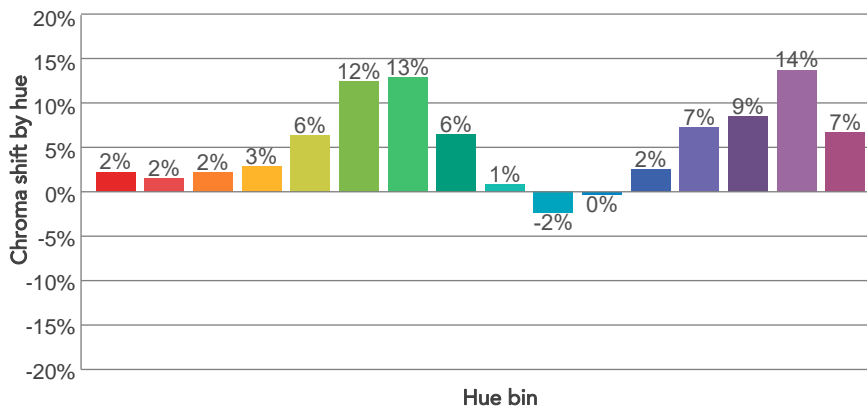
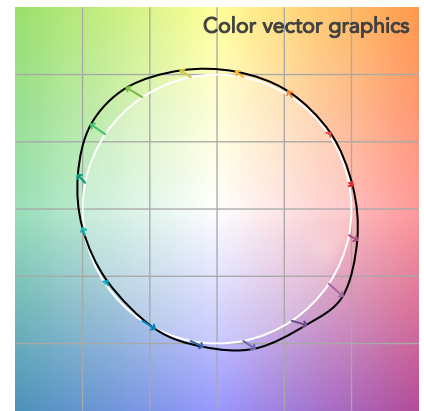
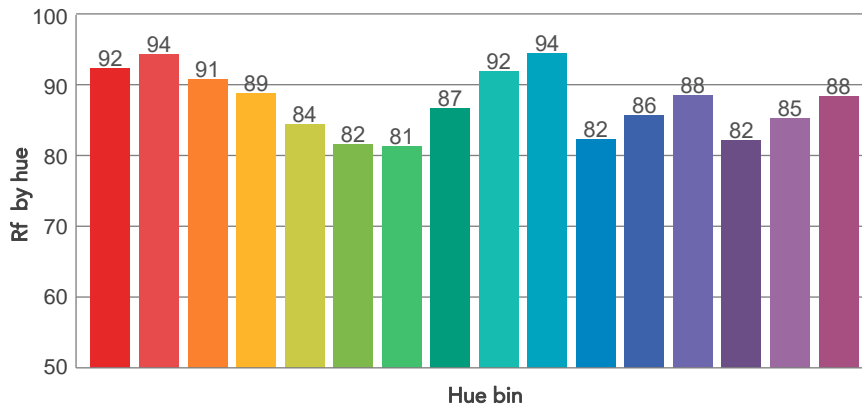
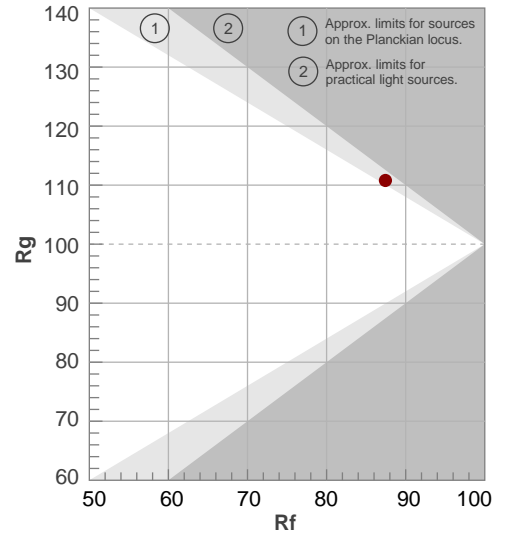
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5608 K	96,4	90	87,4	110,8	91,4	76	0,330	0,339	-0,0084

TM30 DETAILS

Rf 87,4
Fidelity index Rf

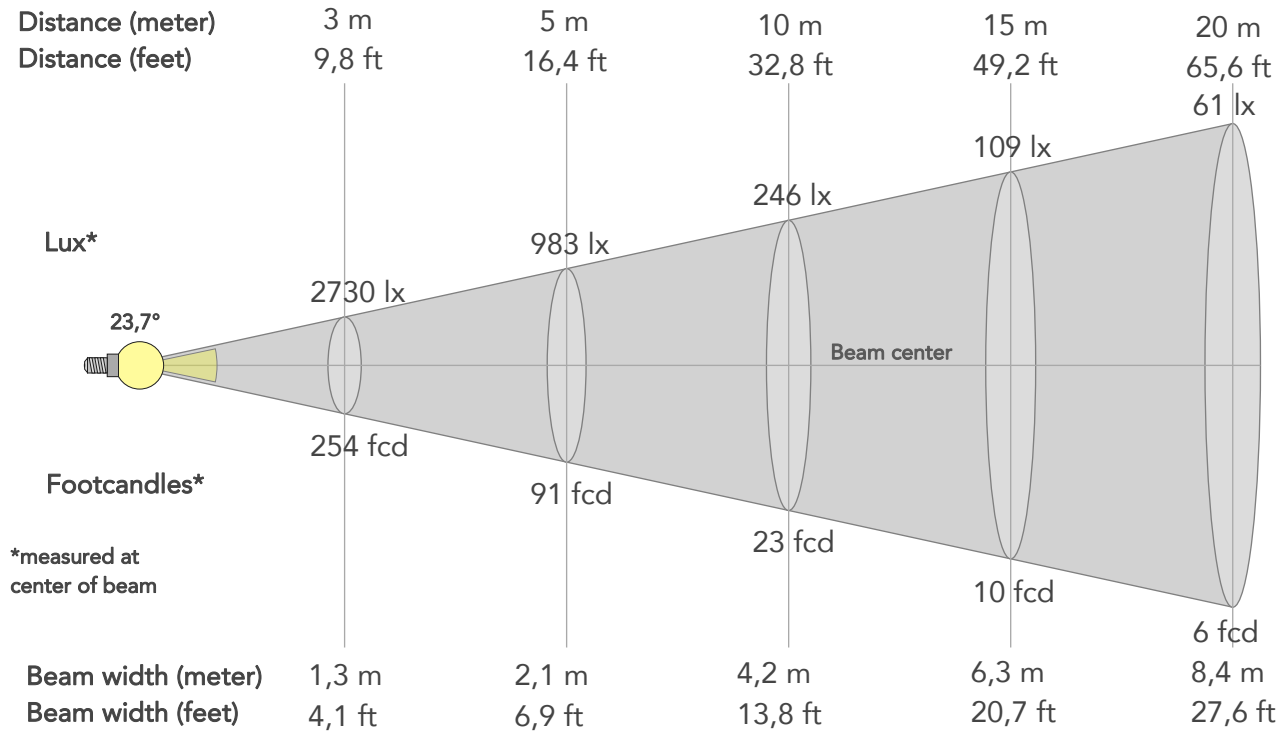
Rg 110,8
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	94	2%	0%
3	91	2%	5%
4	89	3%	6%
5	84	6%	6%
6	82	12%	6%
7	81	13%	0%
8	87	6%	-5%
9	92	1%	-6%
10	94	-2%	-1%
11	82	0%	11%
12	86	2%	10%
13	88	7%	7%
14	82	9%	7%
15	85	14%	-2%
16	88	7%	-2%



BEAM DETAILS

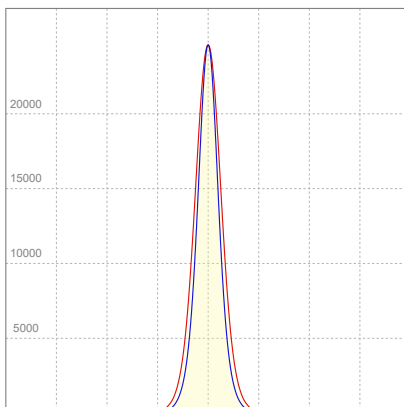
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,7°	46,5°	63,6°	100,0%	99,8%



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	24572lx	6143lx	2730lx	1536lx	983lx	437lx	246lx	109lx	61lx	39lx	27lx	15lx	10lx
Footcand.	2283fcd	571fcd	254fcd	143fcd	91fcd	41fcd	23fcd	10fcd	6fcd	4fcd	3fcd	1fcd	1fcd
Beam wid.	0,4m	0,8m	1,3m	1,7m	2,1m	3,2m	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	20,7ft	27,6ft	34,4ft	41,3ft	55,1ft	68,9ft

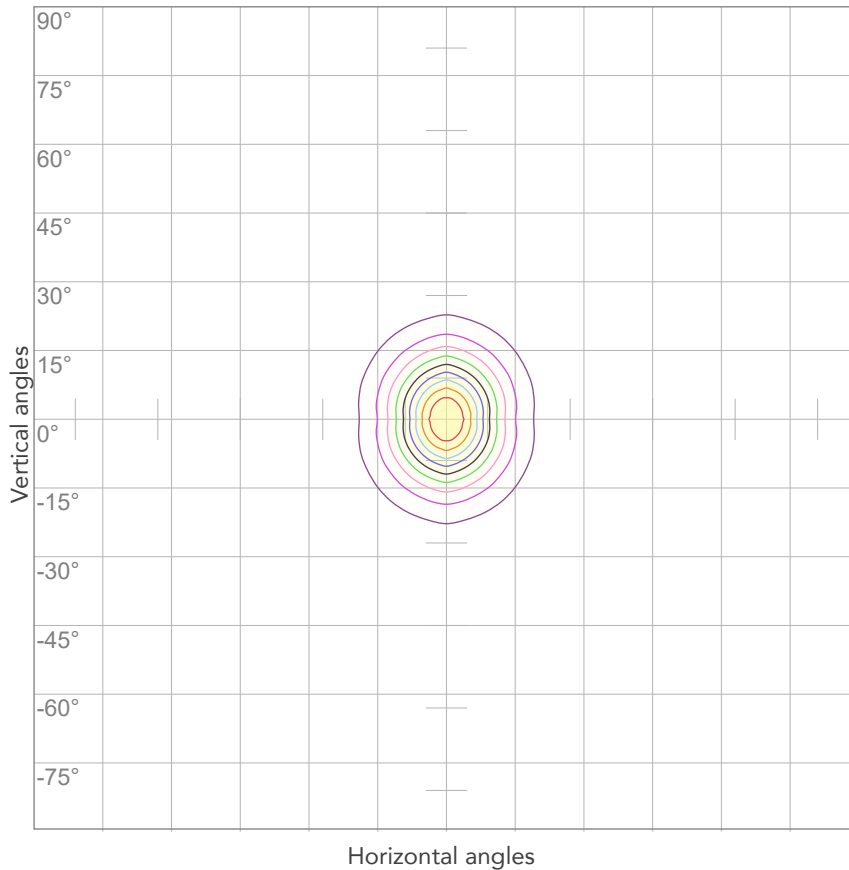
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,936A	207,4W	26lm/W

ISO CANDELA DIAGRAM



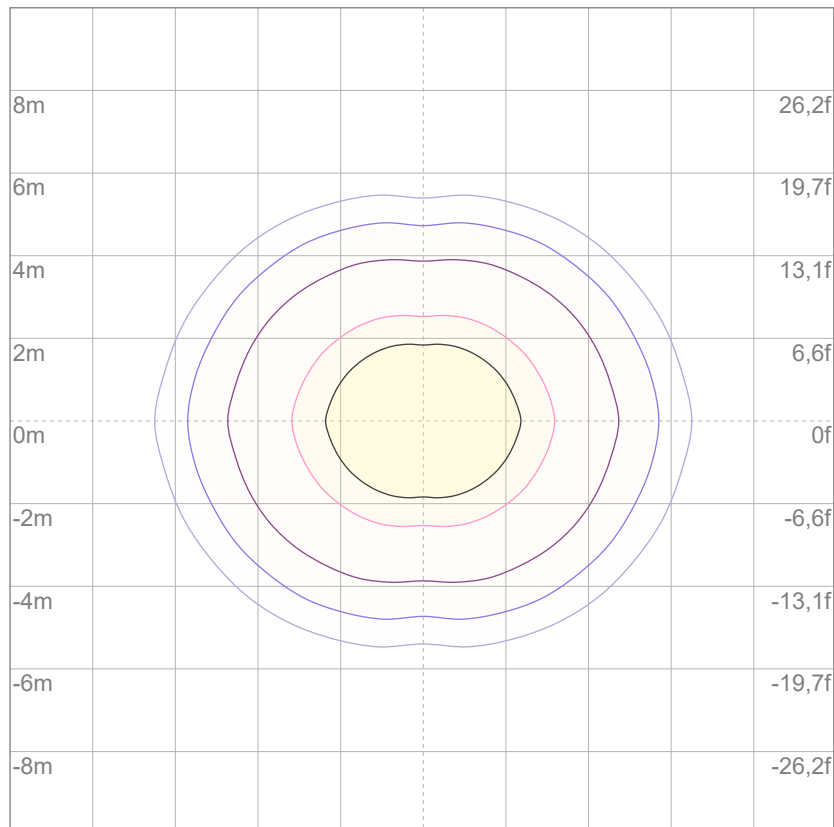
10%	2457 cd
20%	4914 cd
30%	7372 cd
40%	9829 cd
50%	12286 cd
60%	14743 cd
70%	17201 cd
80%	19658 cd

Conditions:

Number of c-planes: 4

Candela at center: 24572 cd

ISO LUX DIAGRAM



3%	7,37 lx
5%	12,3 lx
10%	24,6 lx
30%	73,7 lx
50%	123 lx

Conditions:

Number of c-planes: 4

Lux at center: 246 lx

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

Total lumen output:

5884 lm

Peak candela output:

8811 cd

Light quality:

CRI: 96,4

Color temperature:

5608 K



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 40° Filter

Target:

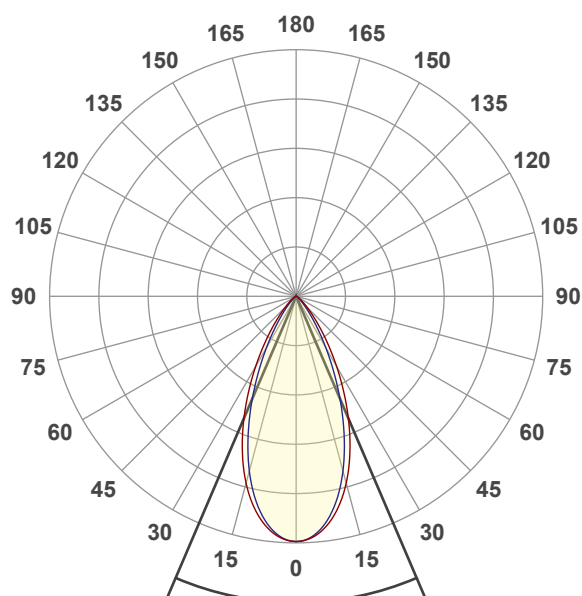
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:23:21

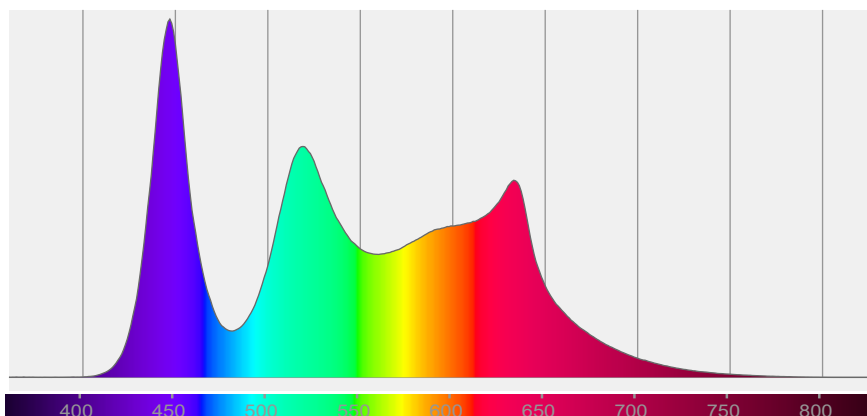


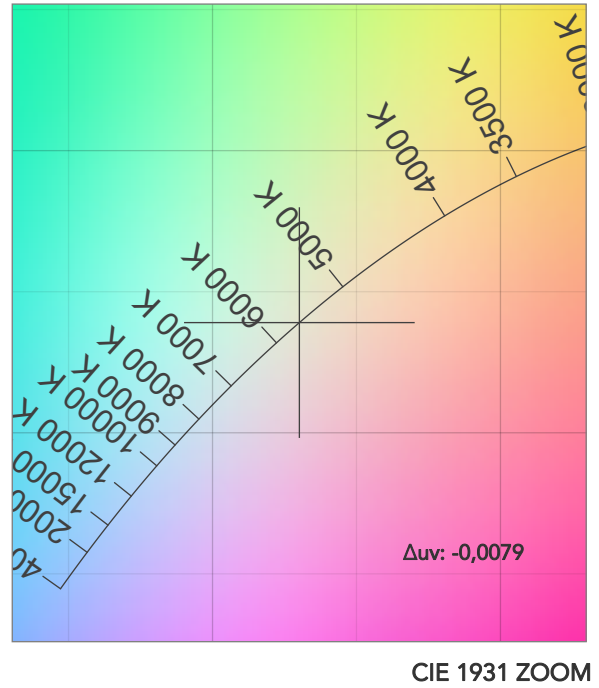
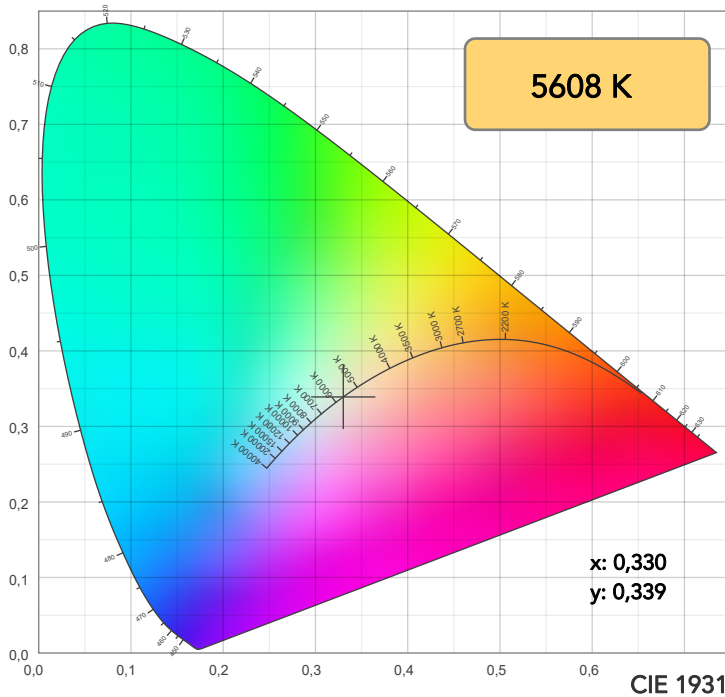
Beam angle 50%: 46,3°

Field angle 10%: 78,3°

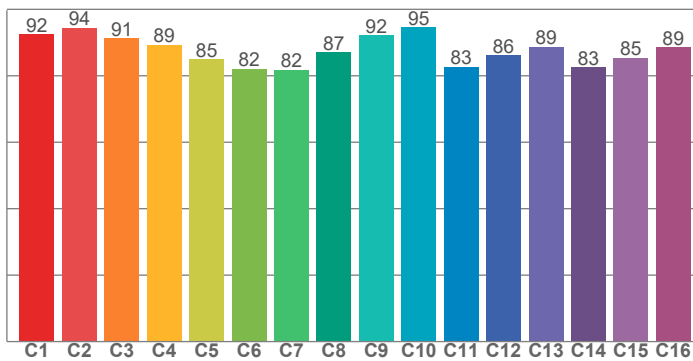
Cut off angle 2.5%: 100,1°

Spectra

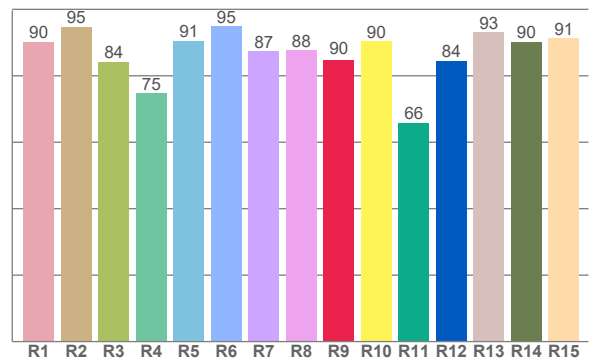




TM30: 87,8



CRI: 96,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
90,3	94,8	84,2	74,8	90,6	94,9	87,4	87,7	90	90,4	65,8	84,5	93,1	90,2	91,3

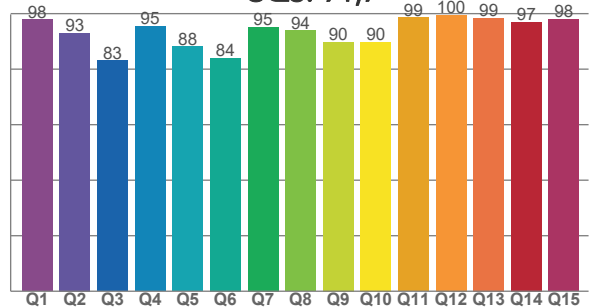
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,5	94,4	91,2	89,4	85,0	82,1	81,8	87,1	92,1	94,6	82,7	86,1	88,8	82,6	85,3	88,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,9	93,0	83,1	95,4	88,1	84,0	95,1	93,9	89,8	89,9	98,6	99,6	98,5	96,9	97,9

CQS: 91,7



COLOR PARAMETERS

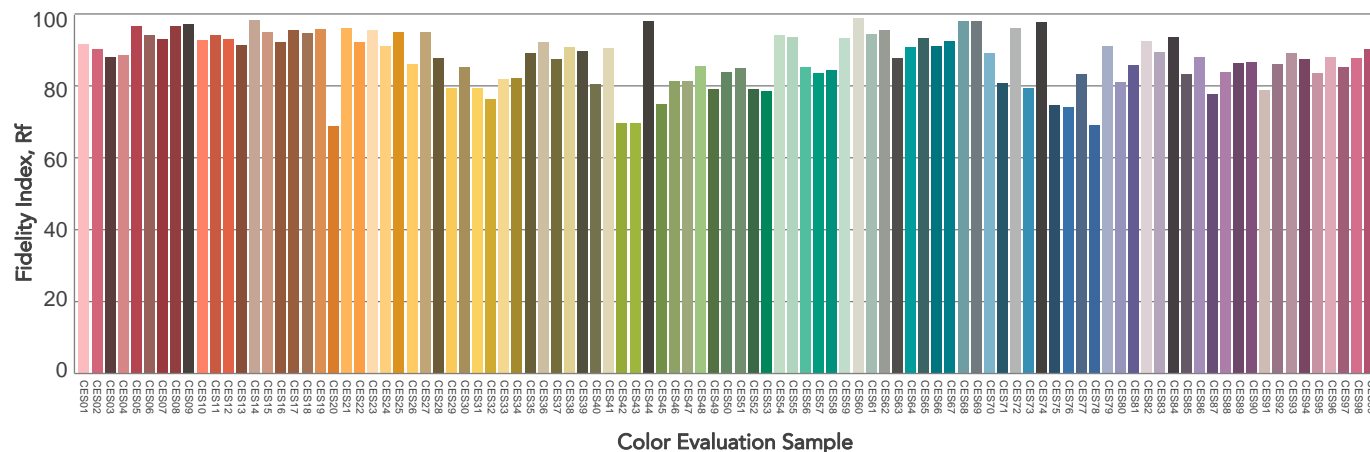
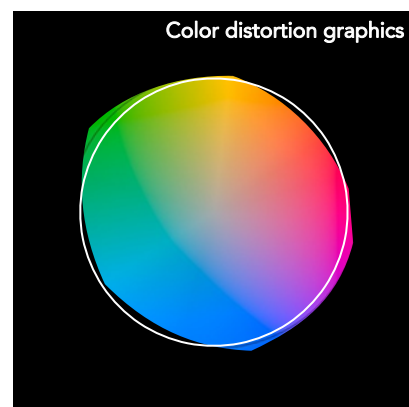
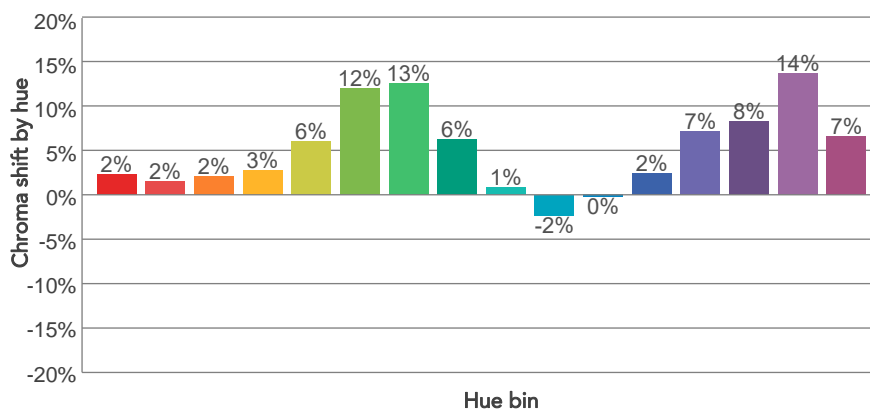
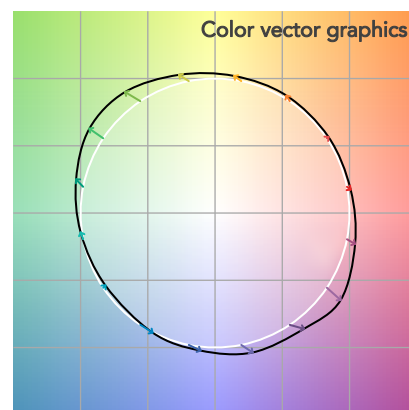
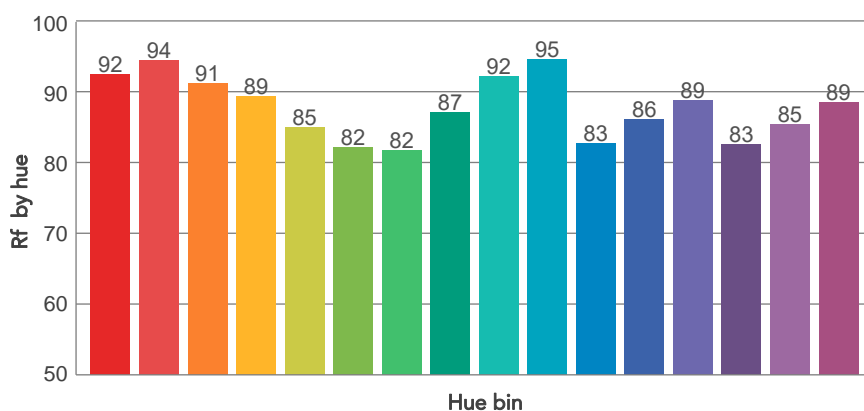
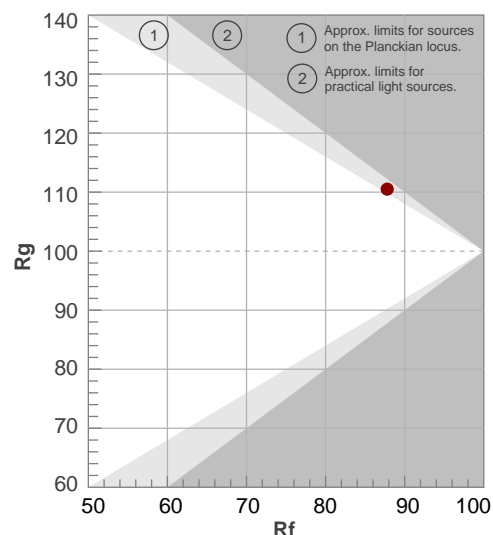
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5608 K	96,4	90	87,8	110,5	91,7	77	0,330	0,339	-0,0079

TM30 DETAILS

Rf 87,8
Fidelity index Rf

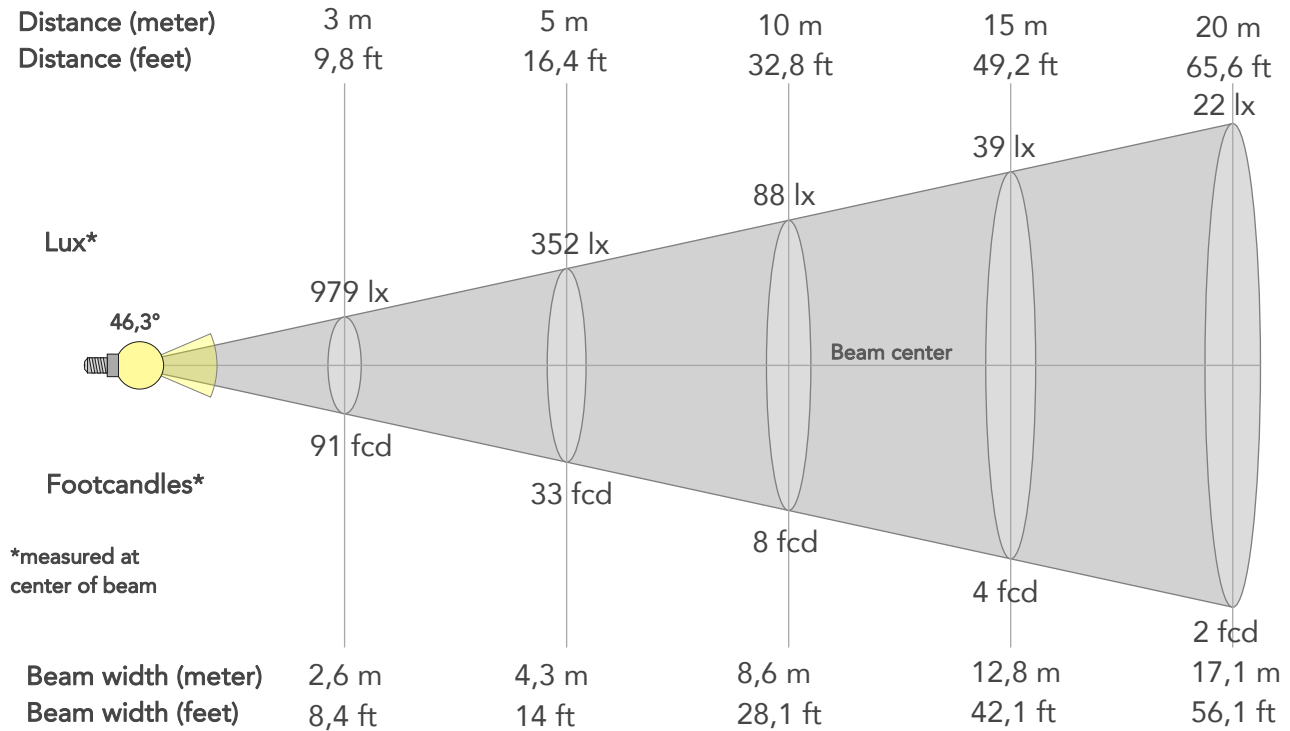
Rg 110,5
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	94	2%	0%
3	91	2%	4%
4	89	3%	6%
5	85	6%	6%
6	82	12%	6%
7	82	13%	0%
8	87	6%	-4%
9	92	1%	-5%
10	95	-2%	-1%
11	83	0%	11%
12	86	2%	9%
13	89	7%	7%
14	83	8%	7%
15	85	14%	-2%
16	89	7%	-2%



BEAM DETAILS

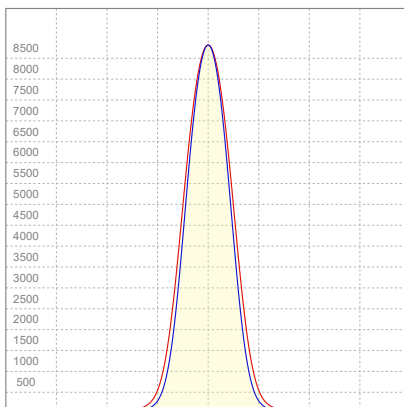
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,3°	78,3°	100,1°	98,9%	94,6%



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	8810lx	2203lx	979lx	551lx	352lx	157lx	88lx	39lx	22lx	14lx	10lx	6lx	4lx
Footcand.	818fcd	205fcd	91fcd	51fcd	33fcd	15fcd	8fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,6m	12,8m	17,1m	21,4m	25,7m	34,2m	42,8m
Beam wid.	2,8ft	5,6ft	8,4ft	11,2ft	14ft	21,1ft	28,1ft	42,1ft	56,1ft	70,2ft	84,2ft	112,3ft	140,3ft

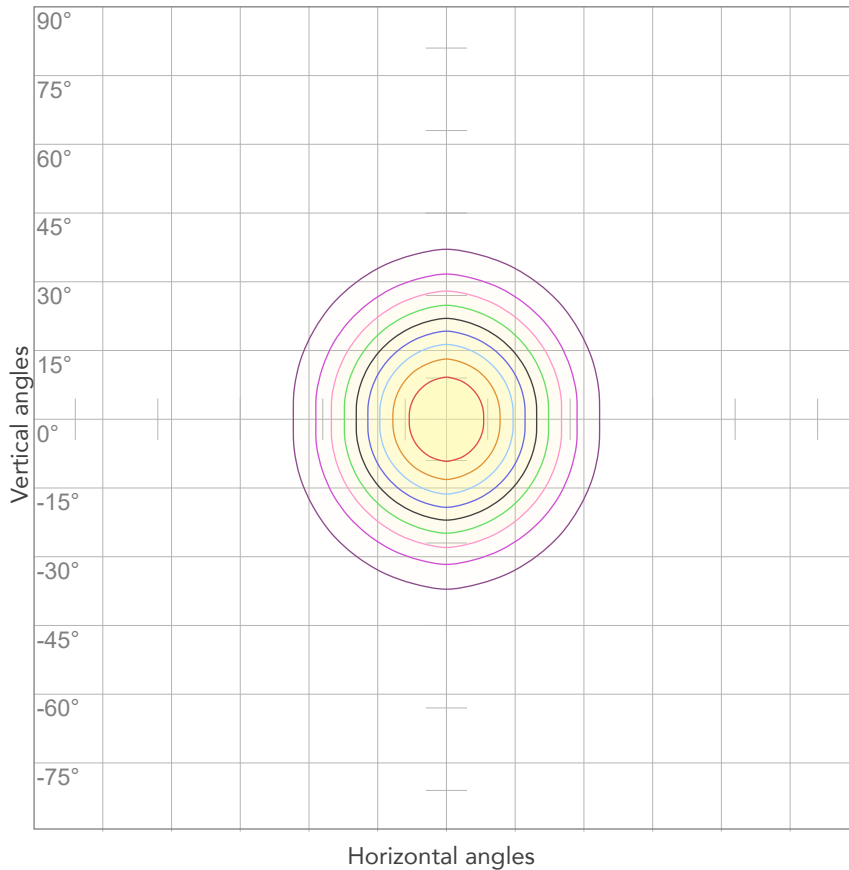
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,935A	206,8W	28lm/W

ISO CANDELA DIAGRAM



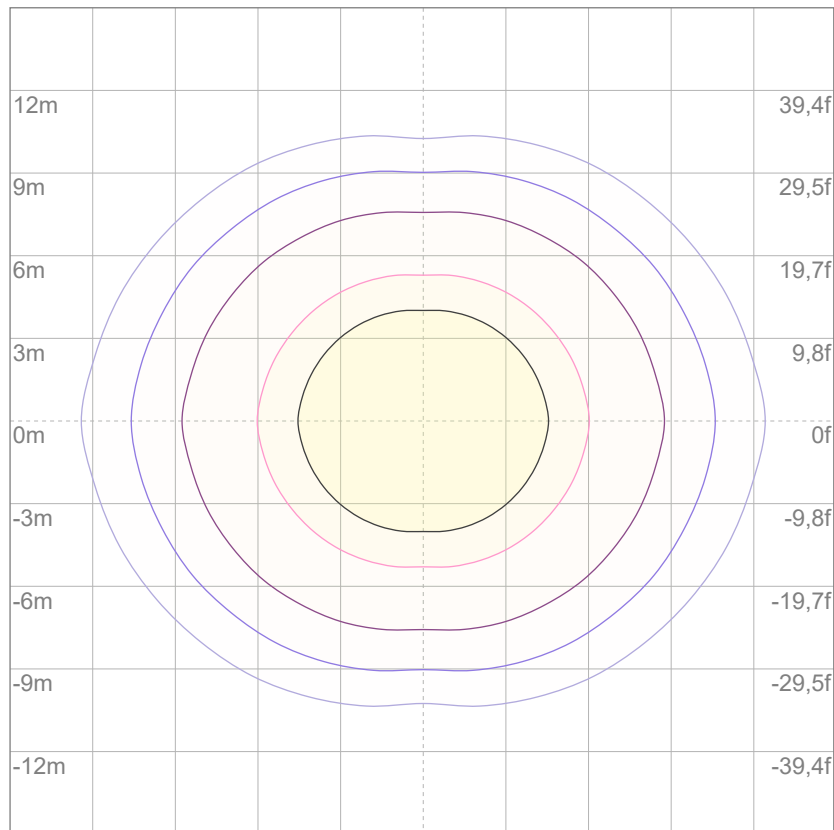
10%	881 cd
20%	1762 cd
30%	2643 cd
40%	3524 cd
50%	4405 cd
60%	5286 cd
70%	6167 cd
80%	7048 cd

Conditions:

Number of c-planes: 4

Candela at center: 8810 cd

ISO LUX DIAGRAM



3%	2,64 lx
5%	4,41 lx
10%	8,81 lx
30%	26,4 lx
50%	44,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 88,1 lx

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

Total lumen output:

5901 lm

Peak candela output:

6671 cd

Light quality:

CRI: 96,4

Color temperature:

5608 K



PRODUCT NAME:

LUMIPIXXB100

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 60° Filter

Target:

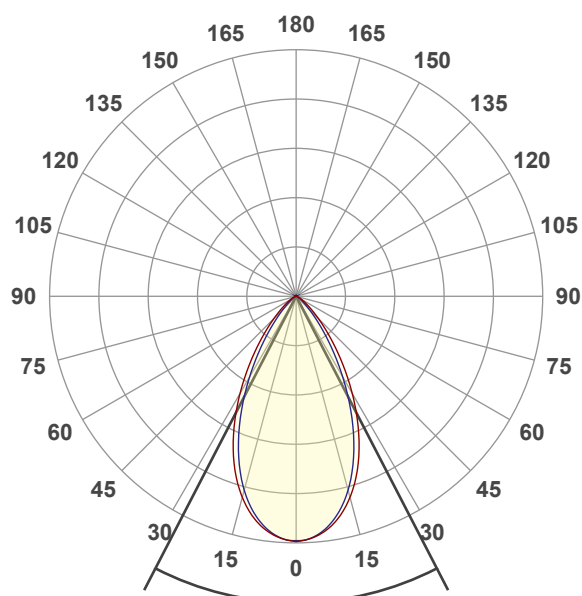
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:26:08

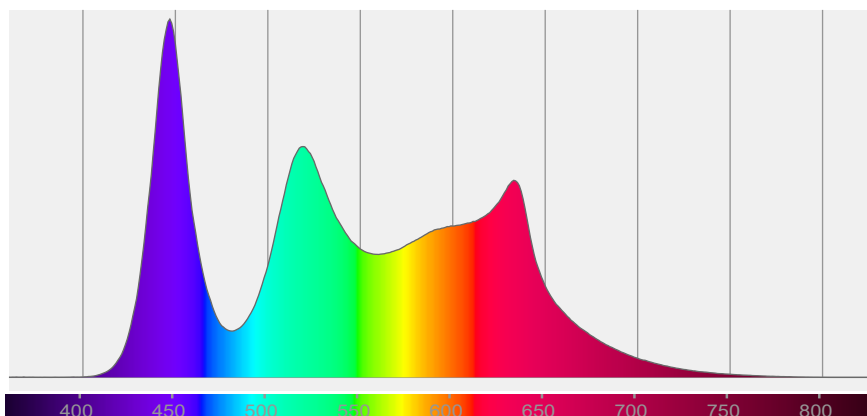


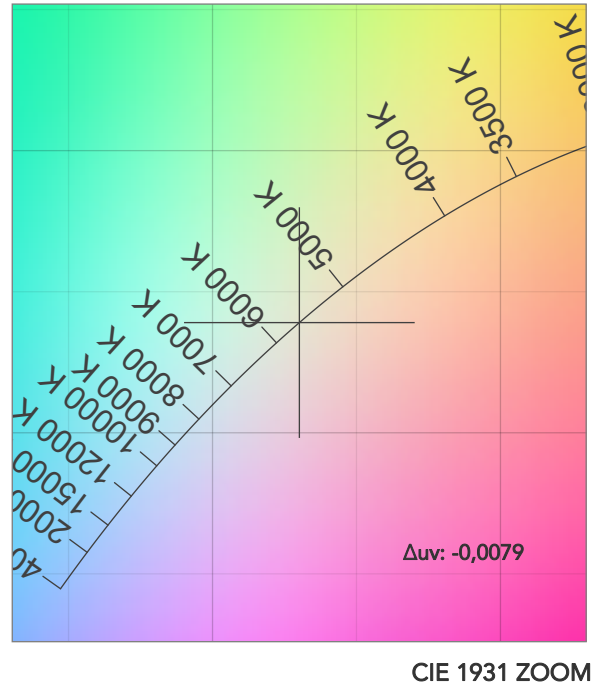
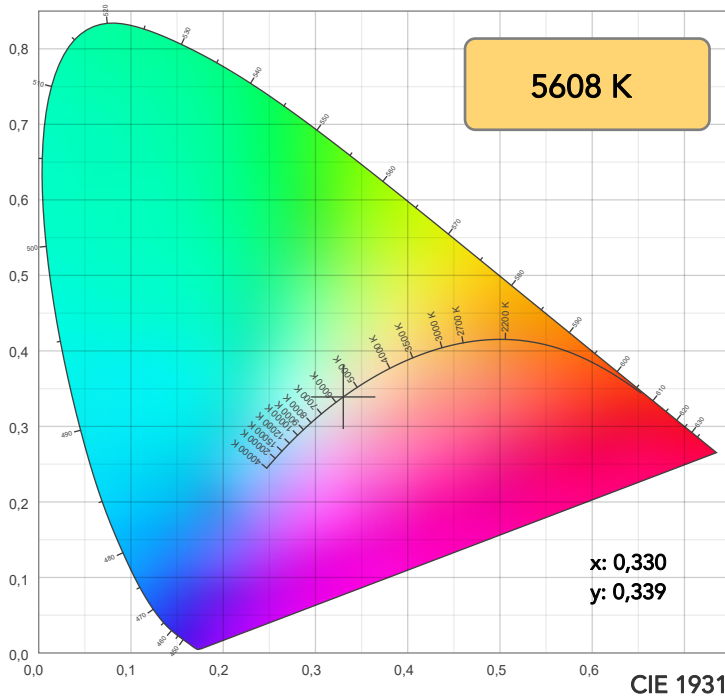
Beam angle 50%: 54,7°

Field angle 10%: 90,2°

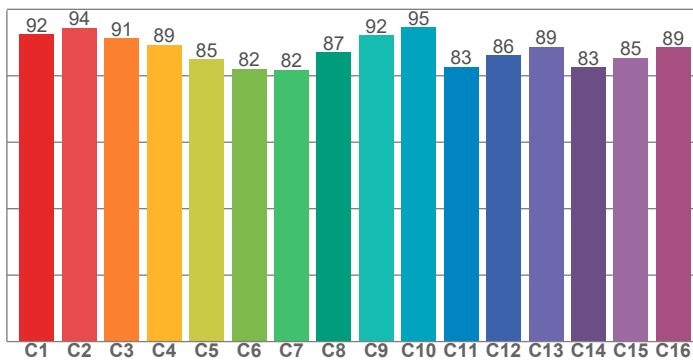
Cut off angle 2.5%: 114°

Spectra

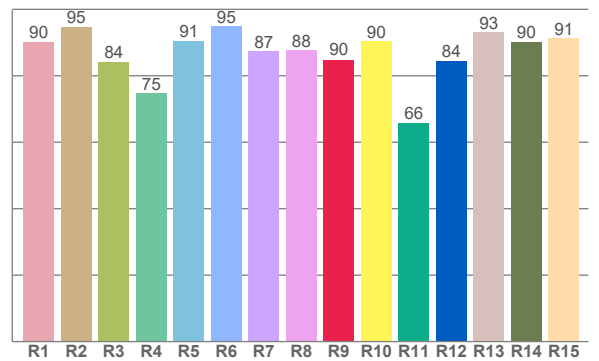




TM30: 87,8



CRI: 96,4 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
90,3	94,8	84,2	74,7	90,6	94,9	87,4	87,7	90	90,4	65,8	84,5	93,1	90,2	91,3

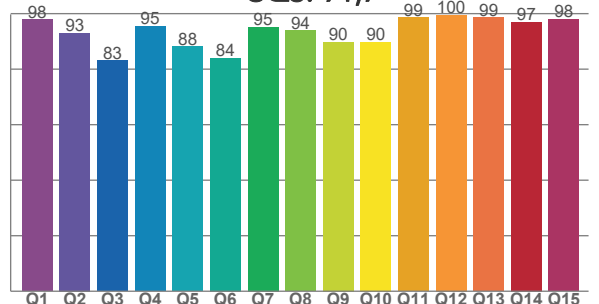
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,4	94,4	91,2	89,4	84,9	82,1	81,8	87,1	92,1	94,6	82,6	86,1	88,8	82,6	85,3	88,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,9	93,0	83,1	95,4	88,1	84,0	95,1	93,9	89,8	89,8	98,6	99,6	98,5	96,9	97,9

CQS: 91,7



COLOR PARAMETERS

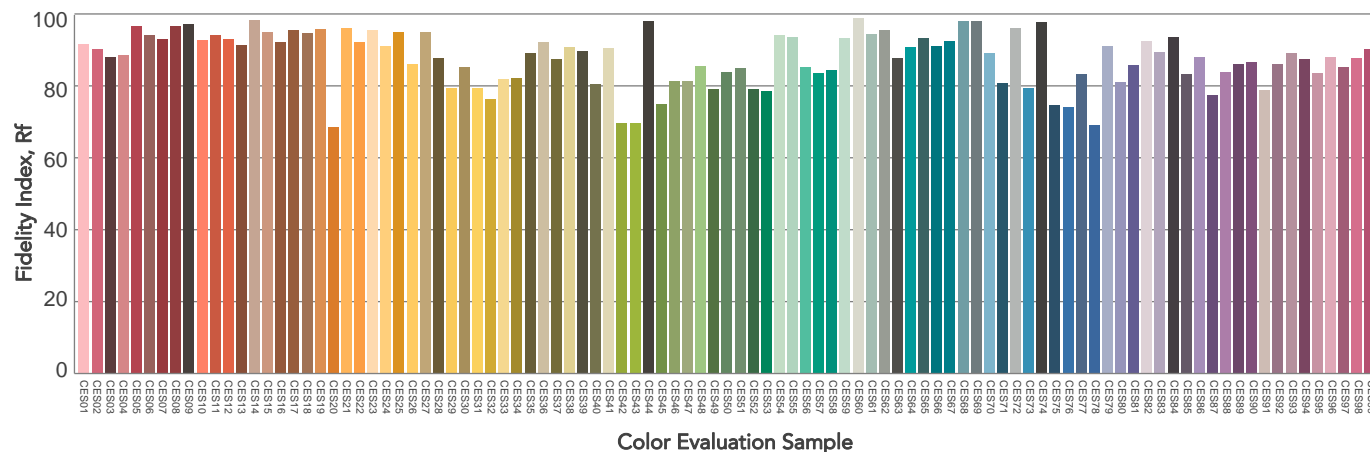
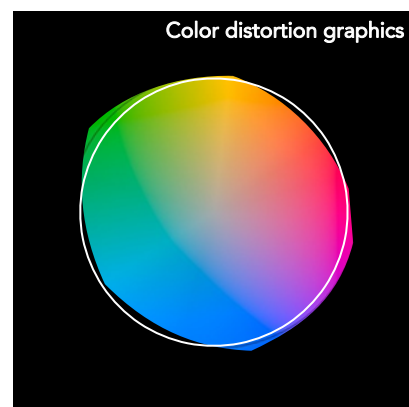
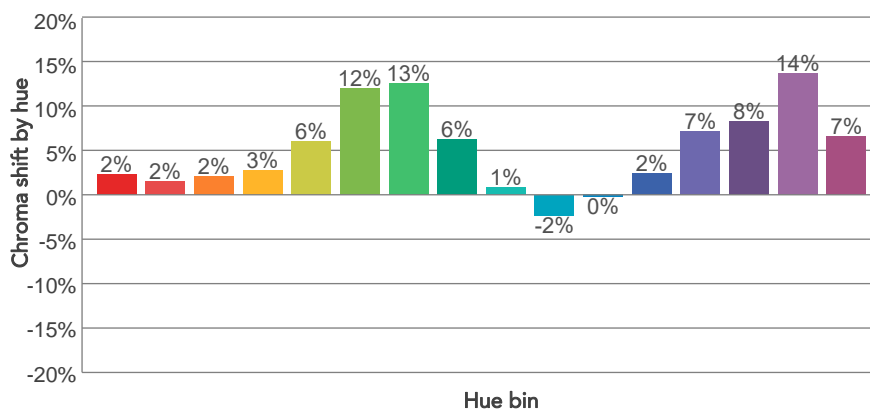
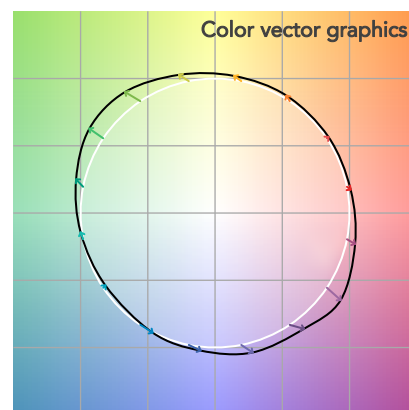
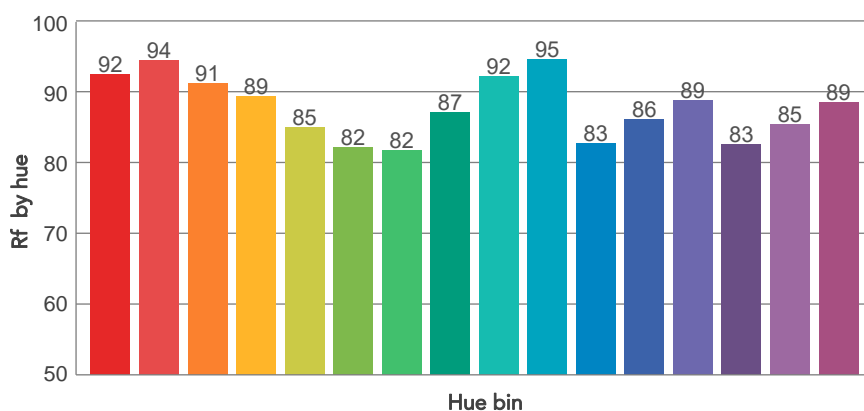
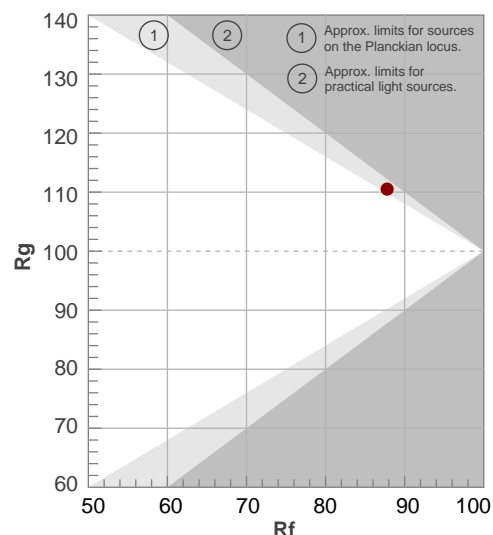
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5608 K	96,4	90	87,8	110,5	91,7	77	0,330	0,339	-0,0079

TM30 DETAILS

Rf 87,8
Fidelity index Rf

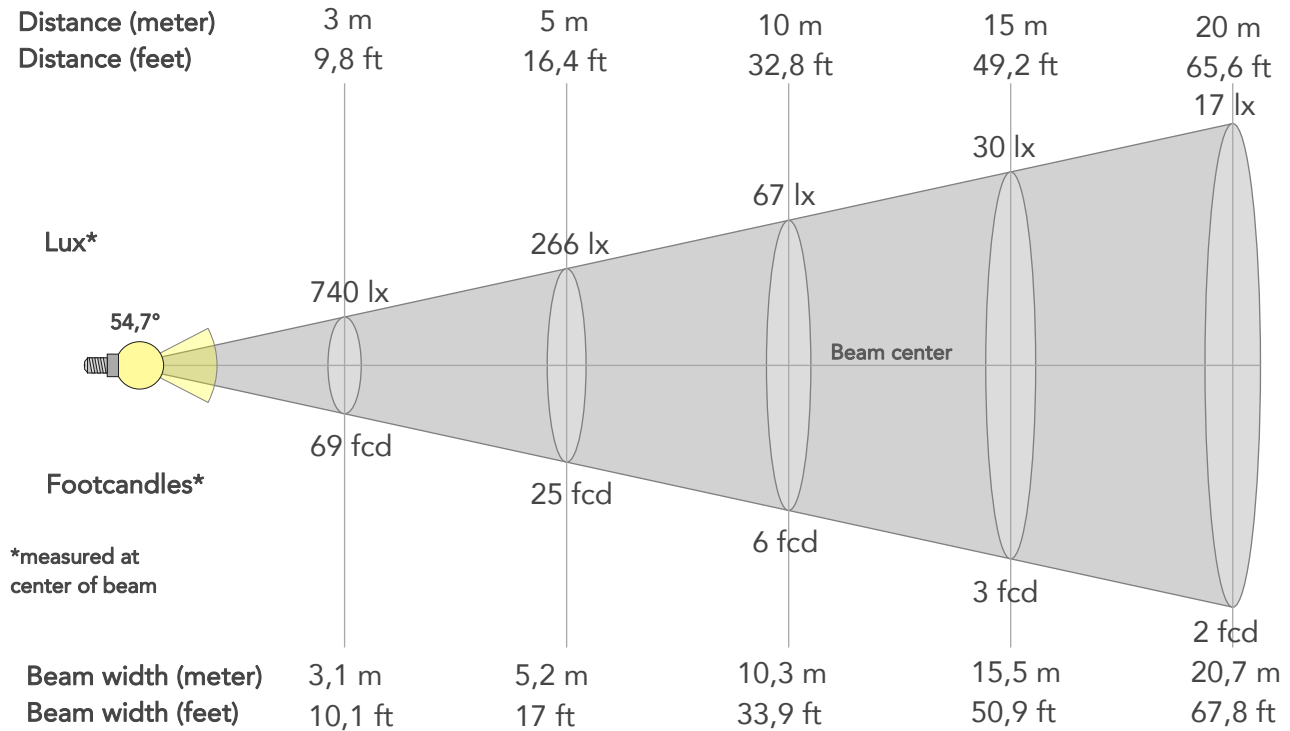
Rg 110,5
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	94	2%	0%
3	91	2%	4%
4	89	3%	6%
5	85	6%	6%
6	82	12%	6%
7	82	13%	0%
8	87	6%	-4%
9	92	1%	-5%
10	95	-2%	-1%
11	83	0%	11%
12	86	2%	9%
13	89	7%	7%
14	83	8%	7%
15	85	14%	-2%
16	89	7%	-2%



BEAM DETAILS

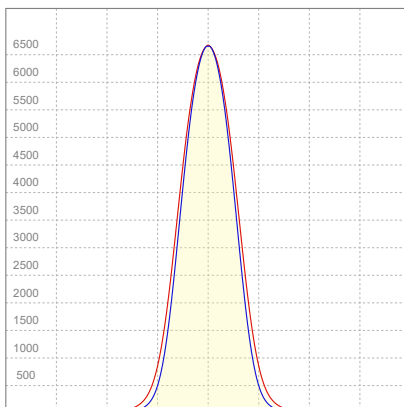
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
54,7°	90,2°	114°	98,4%	91,5%



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	6659lx	1665lx	740lx	416lx	266lx	118lx	67lx	30lx	17lx	11lx	7lx	4lx	3lx
Footcand.	619fcd	155fcd	69fcd	39fcd	25fcd	11fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	1m	2,1m	3,1m	4,1m	5,2m	7,8m	10,3m	15,5m	20,7m	25,9m	31m	41,4m	51,7m
Beam wid.	3,4ft	6,8ft	10,1ft	13,5ft	17ft	25,4ft	33,9ft	50,9ft	67,8ft	84,8ft	101,8ft	135,7ft	169,6ft

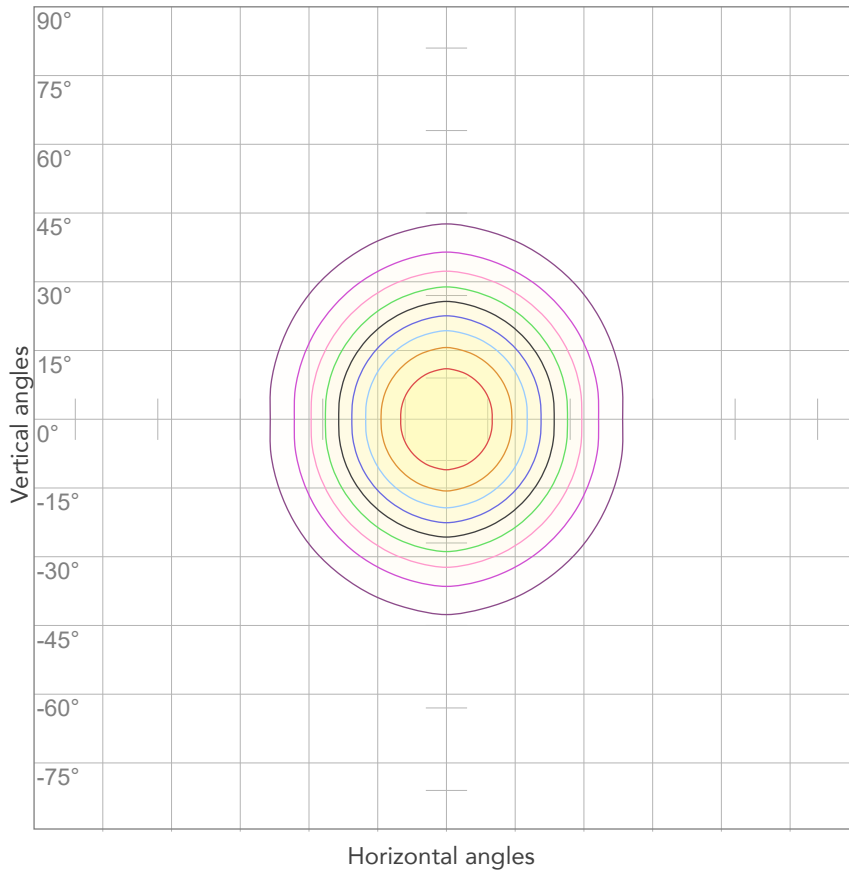
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,937A	207,5W	28lm/W

ISO CANDELA DIAGRAM



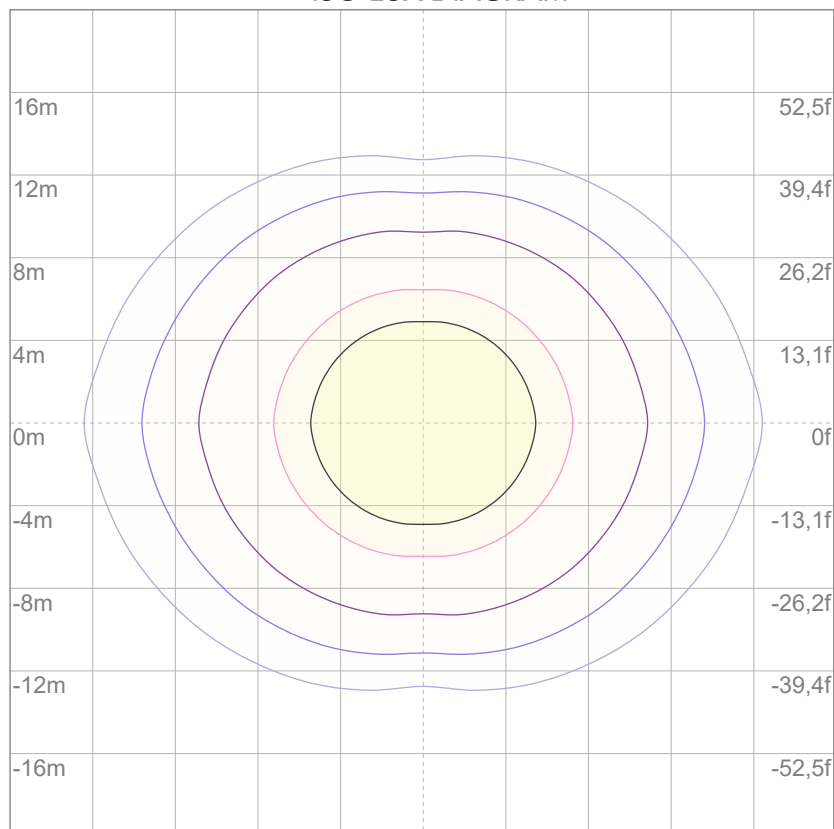
10%	666 cd
20%	1332 cd
30%	1998 cd
40%	2664 cd
50%	3330 cd
60%	3996 cd
70%	4662 cd
80%	5328 cd

Conditions:

Number of c-planes: 4

Candela at center: 6659 cd

ISO LUX DIAGRAM



3%	2,00 lx
5%	3,33 lx
10%	6,66 lx
30%	20,0 lx
50%	33,3 lx

Conditions:

Number of c-planes: 4

Lux at center: 66,6 lx

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