

# Photometric Test Report



## LUMIPIXXB050

IP65 RGB+WW pixel-controlled  
linear LED fixture

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**Color preset 3200K**

Beam angle Native Optic	80
Beam angle Native Optic + 5° Smooth Filter	85
Beam angle Native Optic + 20° Filter	90
Beam angle Native Optic + 40° Filter	95
Beam angle Native Optic + 60° Filter	100

**Color preset 5600K**

Beam angle Native Optic	105
Beam angle Native Optic + 5° Smooth Filter	110
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:

3889 lm

Peak candela output:

105221 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic No. Filter

Target:

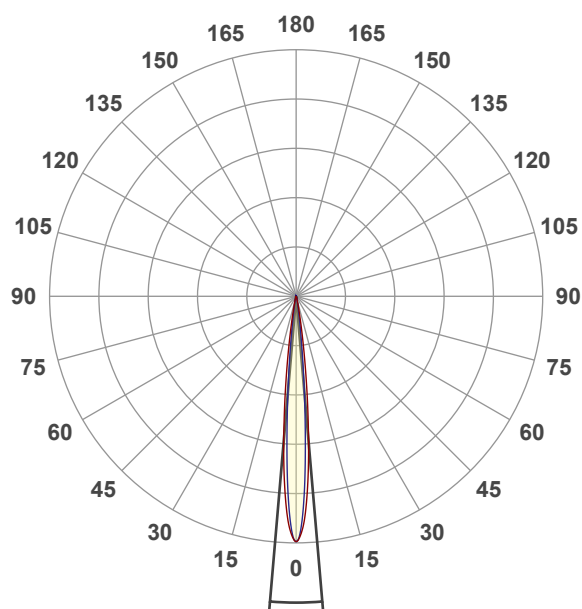
Full On

Operator:

Paolo Carvone

Date and time:

20/09/2022 15:31:16

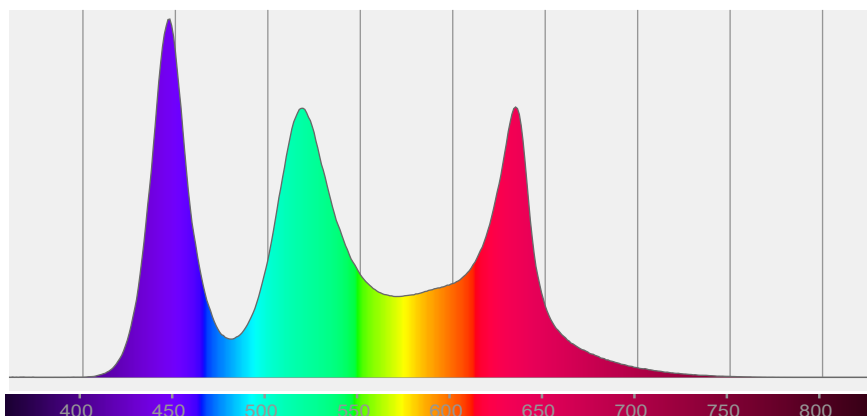


Beam angle 50%: 9,8°

Field angle 10%: 18,1°

Cut off angle 2.5%: 25,2°

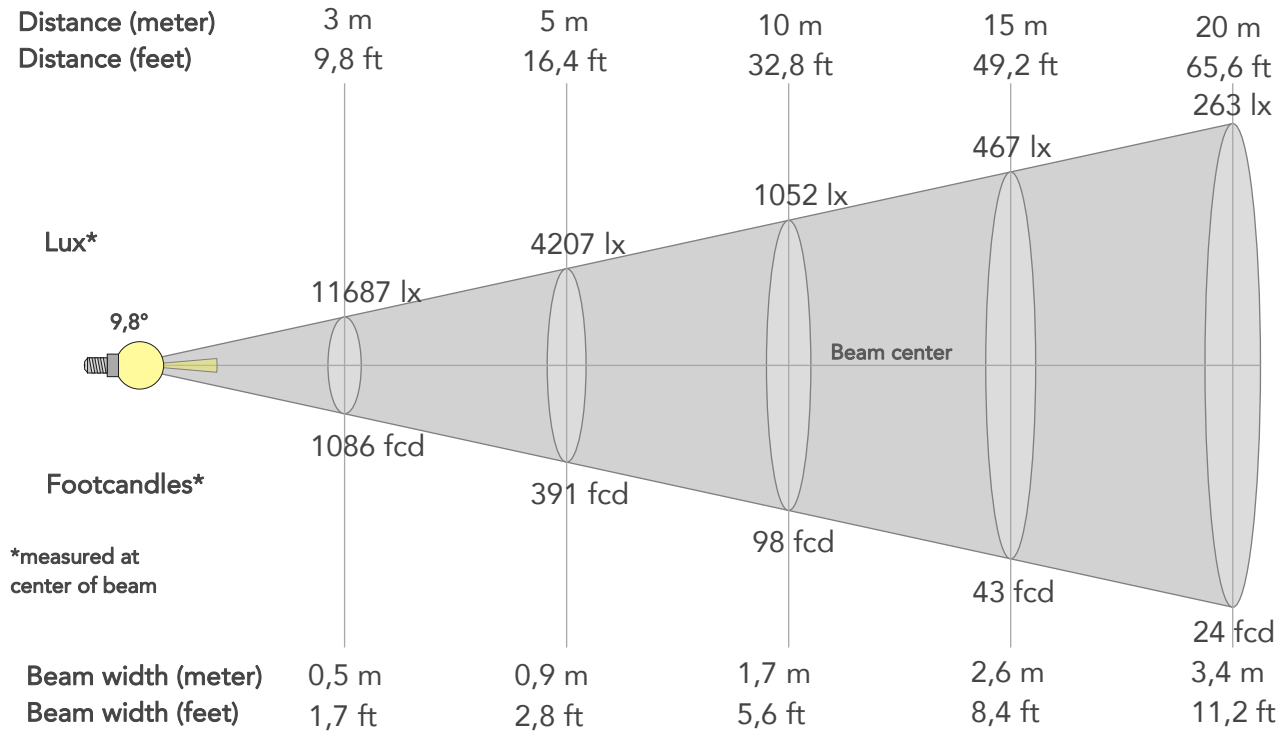
**Spectra**



## BEAM DETAILS



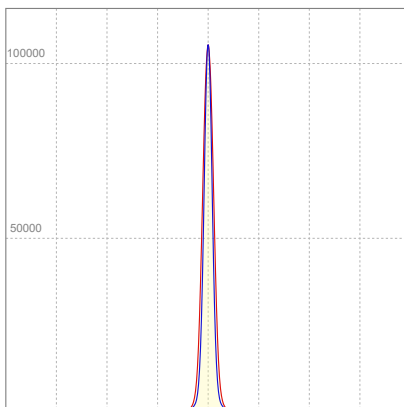
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,8°	18,1°	25,2°	100,0%	100,0%



### 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	105187lx	26297lx	11687lx	6574lx	4207lx	1870lx	1052lx	467lx	263lx	168lx	117lx	66lx	42lx
Footcand.	9772fcd	2443fcd	1086fcd	611fcd	391fcd	174fcd	98fcd	43fcd	24fcd	16fcd	11fcd	6fcd	4fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,9m	1,3m	1,7m	2,6m	3,4m	4,3m	5,1m	6,9m	8,6m
Beam wid.	0,6ft	1,1ft	1,7ft	2,2ft	2,8ft	4,2ft	5,6ft	8,4ft	11,2ft	14,1ft	16,9ft	22,5ft	28,1ft

### LINEAR DISTRIBUTION DIAGRAM

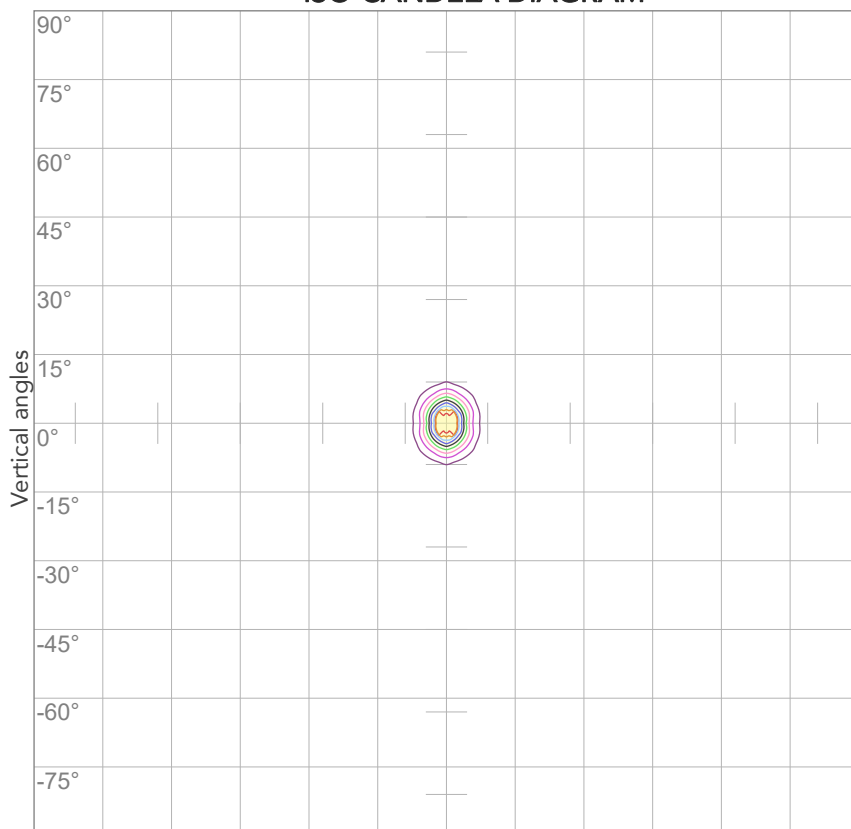


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,614A	129,8W	30lm/W

Power FC
0,94

## ISO CANDELA DIAGRAM



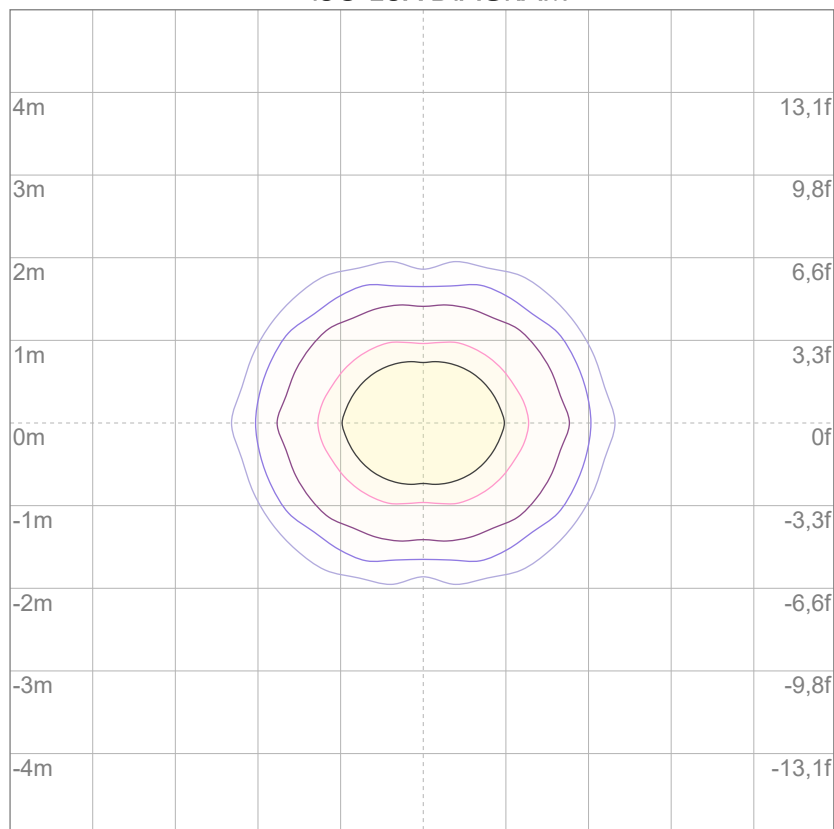
10%	10519 cd
20%	21037 cd
30%	31556 cd
40%	42075 cd
50%	52594 cd
60%	63112 cd
70%	73631 cd
80%	84150 cd

### Conditions:

Number of c-planes: 4

Candela at center: 105187 cd

## ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	31,6 lx
5%	52,6 lx
10%	105 lx
30%	316 lx
50%	526 lx

### Conditions:

Number of c-planes: 4

Lux at center: 1052 lx

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

Total lumen output:

3456 lm

Peak candela output:

78666 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + Smooth 5° Filter

Target:

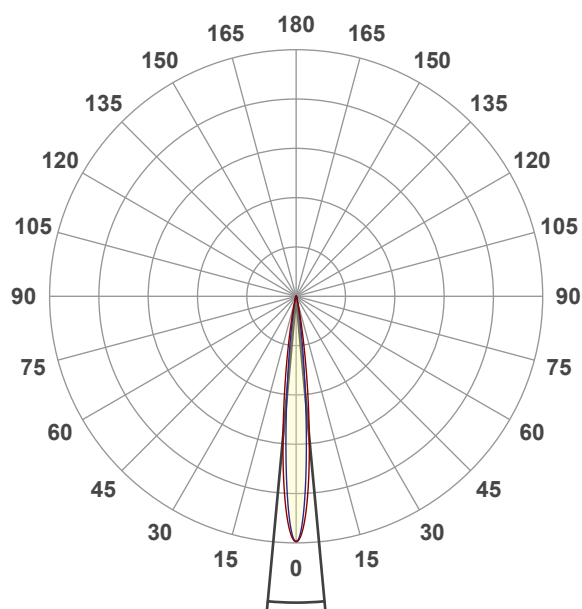
Full On

Operator:

Paolo Carvone

Date and time:

20/09/2022 15:35:00

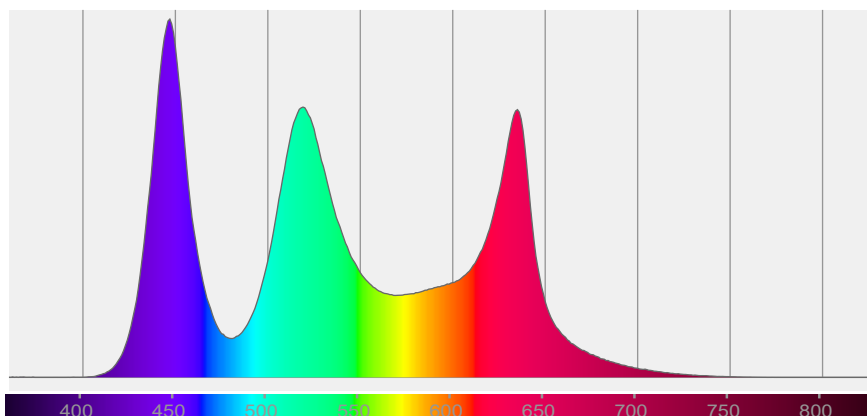


Beam angle 50%: 10,6°

Field angle 10%: 19,9°

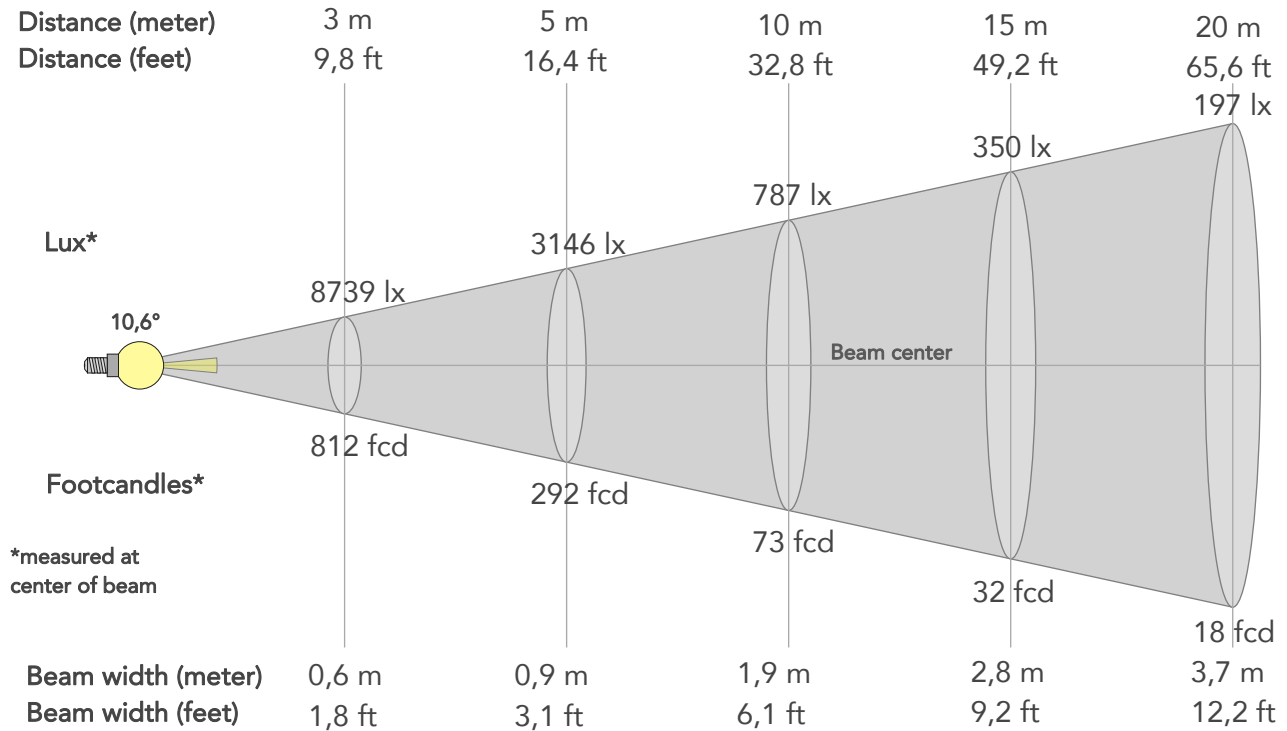
Cut off angle 2.5%: 28,2°

**Spectra**



## BEAM DETAILS

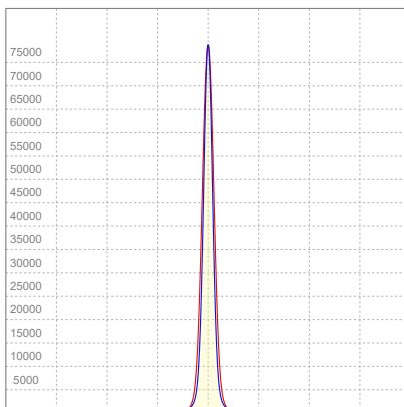
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,6°	19,9°	28,2°	100,0%	100,0%



### 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	78651lx	19663lx	8739lx	4916lx	3146lx	1398lx	787lx	350lx	197lx	126lx	87lx	49lx	31lx
Footcand.	7307fcd	1827fcd	812fcd	457fcd	292fcd	130fcd	73fcd	32fcd	18fcd	12fcd	8fcd	5fcd	3fcd
Beam wid.	0,2m	0,4m	0,6m	0,7m	0,9m	1,4m	1,9m	2,8m	3,7m	4,7m	5,6m	7,4m	9,3m
Beam wid.	0,6ft	1,2ft	1,8ft	2,4ft	3,1ft	4,6ft	6,1ft	9,2ft	12,2ft	15,3ft	18,3ft	24,4ft	30,5ft

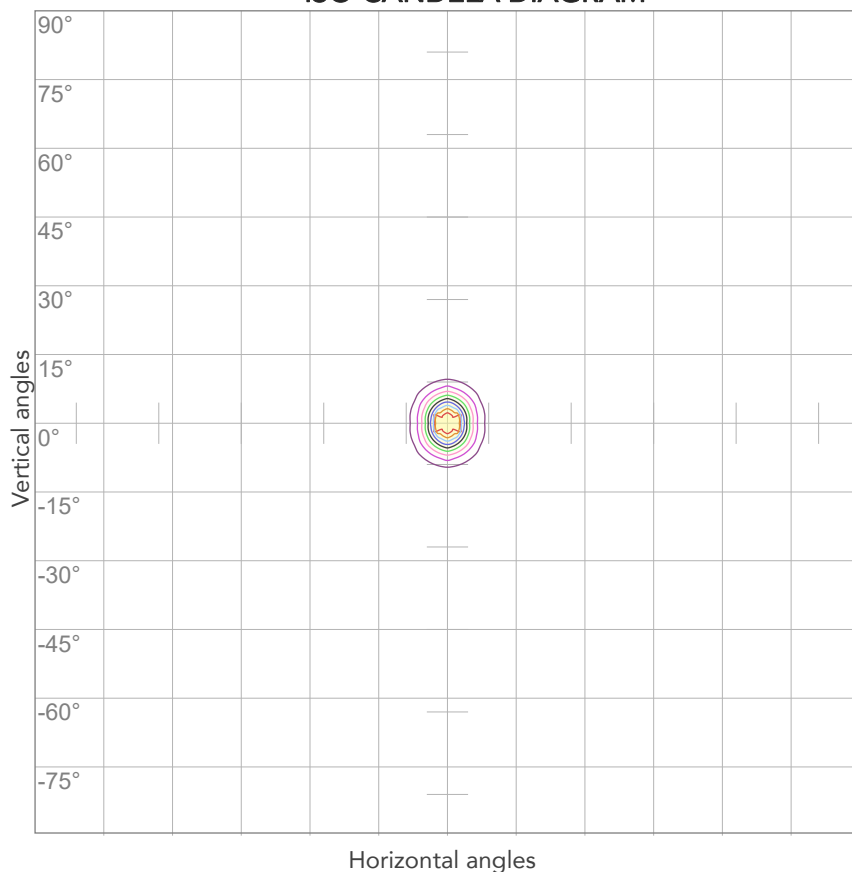
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,609A	128,4W	27lm/W
Power FC			
0,94			

## ISO CANDELA DIAGRAM



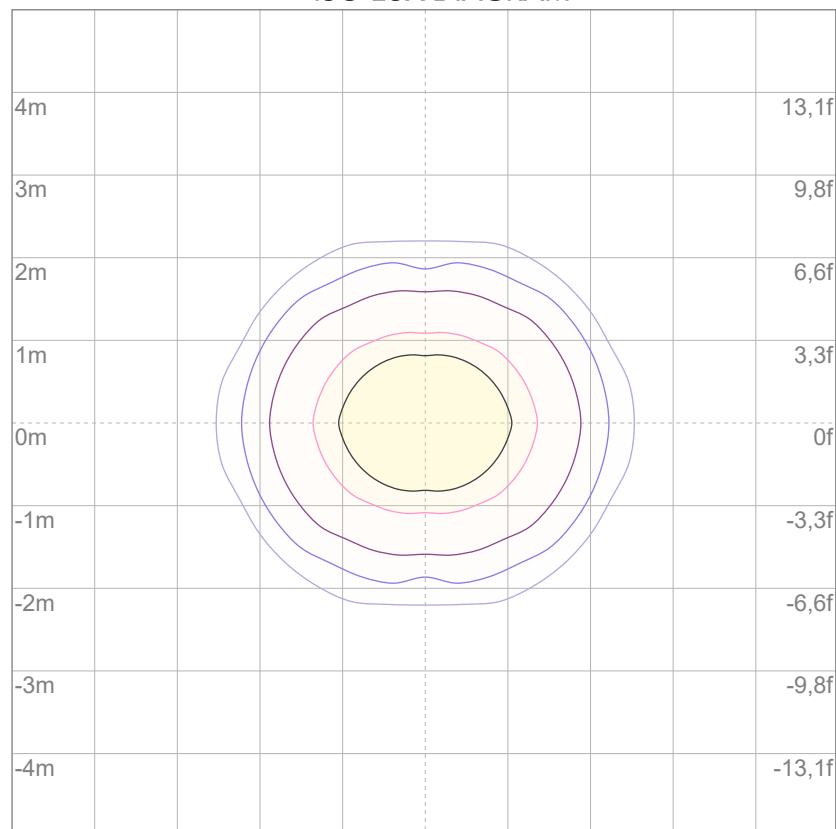
10%	7865 cd
20%	15730 cd
30%	23595 cd
40%	31460 cd
50%	39326 cd
60%	47191 cd
70%	55056 cd
80%	62921 cd

### Conditions:

Number of c-planes: 4

Candela at center: 78651 cd

## ISO LUX DIAGRAM



3%	23,6 lx
5%	39,3 lx
10%	78,7 lx
30%	236 lx
50%	393 lx

### Conditions:

Number of c-planes: 4

Lux at center: 787 lx

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

Total lumen output:

3794 lm

Peak candela output:

16955 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 20° Filter

Target:

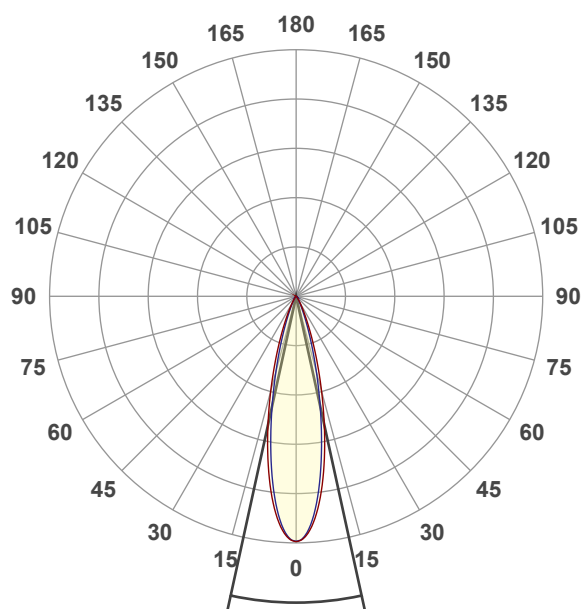
Full On

Operator:

Paolo Carvone

Date and time:

20/09/2022 15:46:09

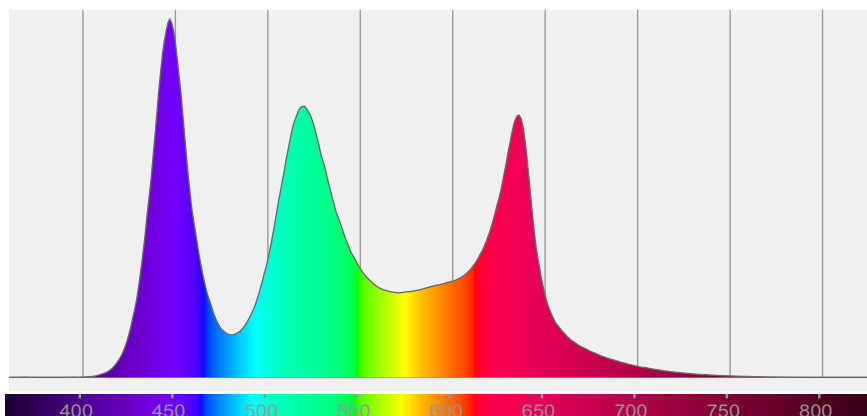


Beam angle 50%: 24,7°

Field angle 10%: 46°

Cut off angle 2.5%: 61,6°

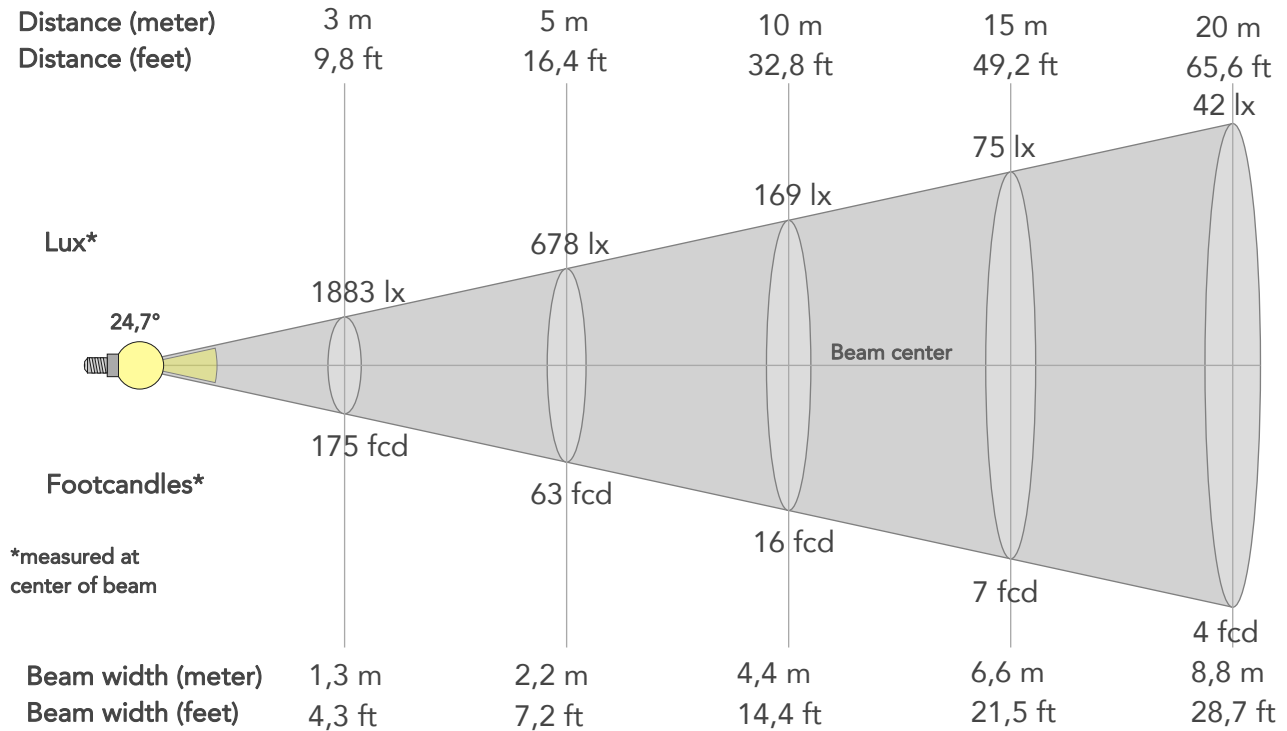
**Spectra**



# BEAM DETAILS



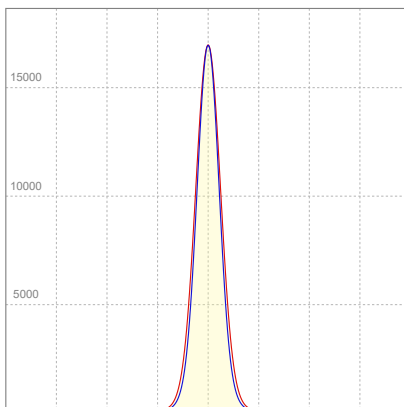
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24,7°	46°	61,6°	99,9%	99,1%



## 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	16947lx	4237lx	1883lx	1059lx	678lx	301lx	169lx	75lx	42lx	27lx	19lx	11lx	7lx
Footcand.	1574fcd	394fcd	175fcd	98fcd	63fcd	28fcd	16fcd	7fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,4m	0,9m	1,3m	1,8m	2,2m	3,3m	4,4m	6,6m	8,8m	10,9m	13,1m	17,5m	21,9m
Beam wid.	1,4ft	2,9ft	4,3ft	5,7ft	7,2ft	10,8ft	14,4ft	21,5ft	28,7ft	35,9ft	43,1ft	57,4ft	71,8ft

## LINEAR DISTRIBUTION DIAGRAM

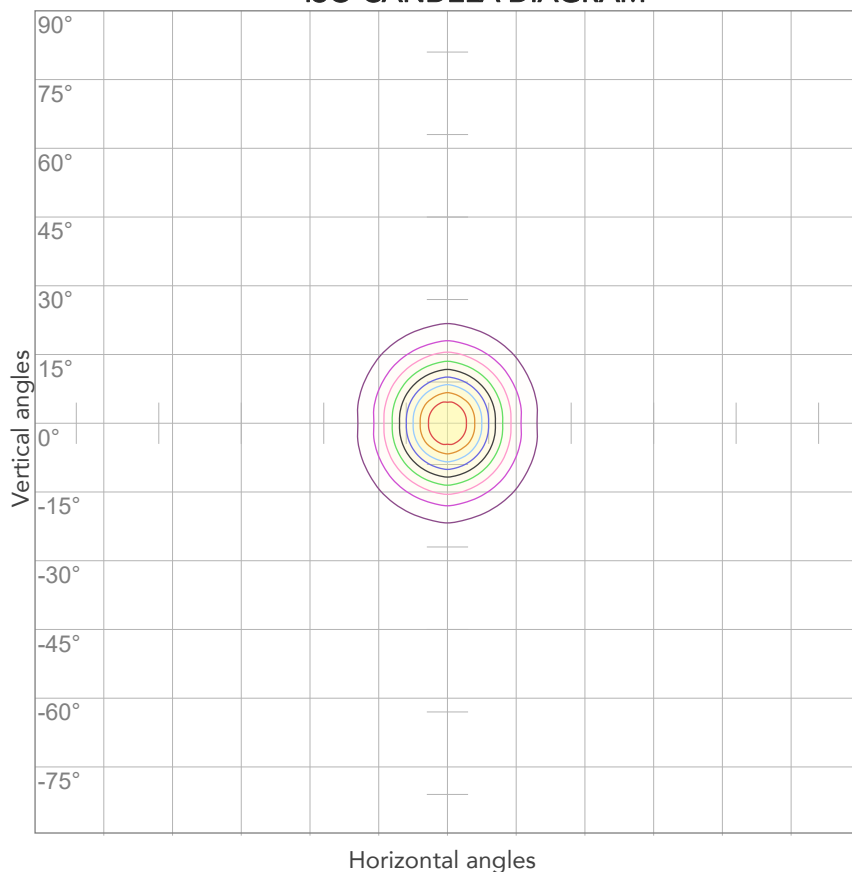


## ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,604A	127,4W	30lm/W
Power FC			
0,93			



## ISO CANDELA DIAGRAM



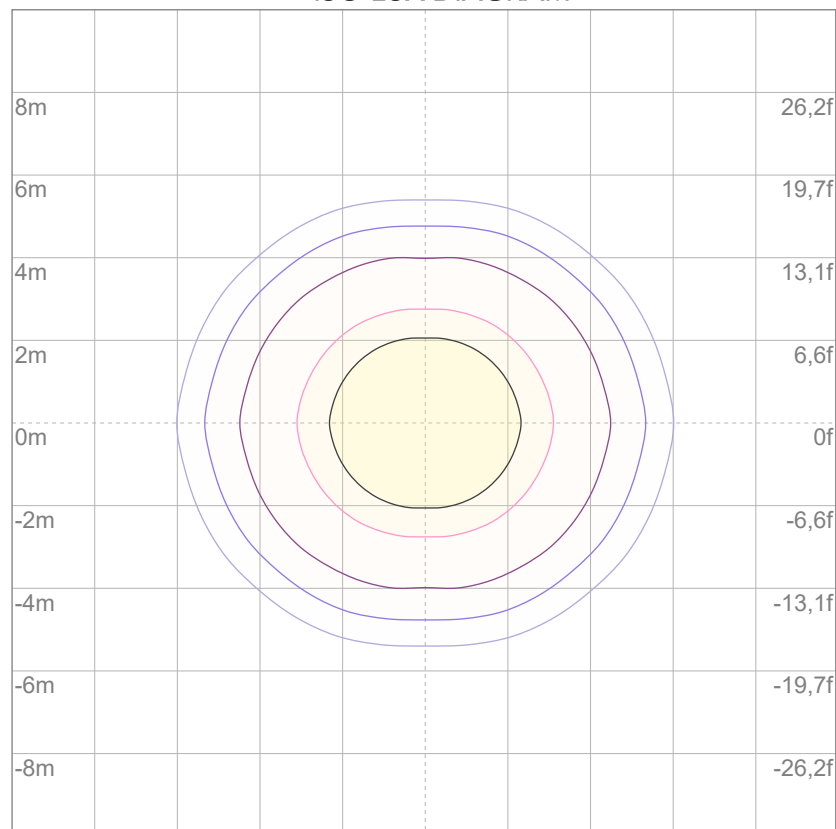
10%	1695 cd
20%	3389 cd
30%	5084 cd
40%	6779 cd
50%	8473 cd
60%	10168 cd
70%	11863 cd
80%	13557 cd

### Conditions:

Number of c-planes: 4

Candela at center: 16947 cd

## ISO LUX DIAGRAM



3%	5,08 lx
5%	8,47 lx
10%	16,9 lx
30%	50,8 lx
50%	84,7 lx

### Conditions:

Number of c-planes: 4

Lux at center: 169 lx

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

Total lumen output:

3846 lm

Peak candela output:

5964 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 40° Filter

Target:

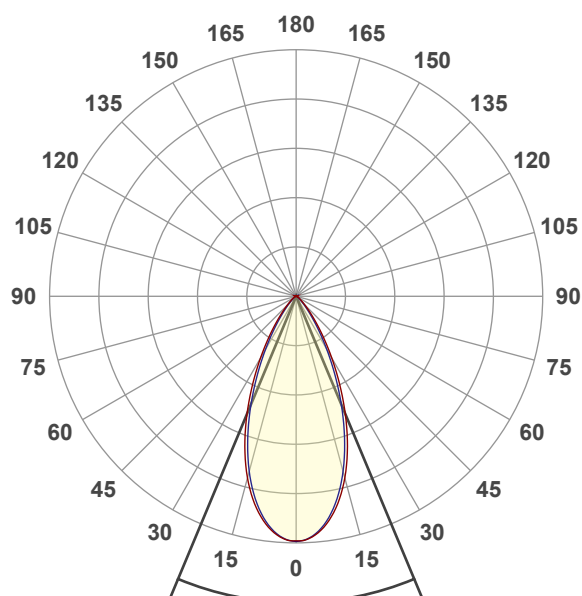
Full On

Operator:

Paolo Carvone

Date and time:

20/09/2022 15:49:23

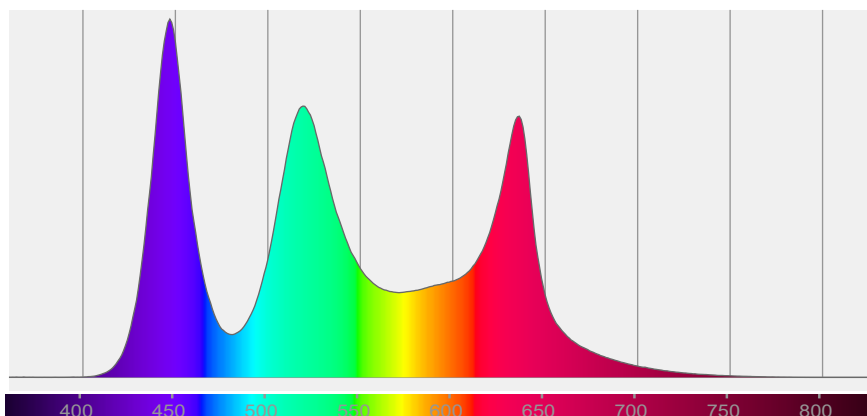


Beam angle 50%: 45,3°

Field angle 10%: 77,2°

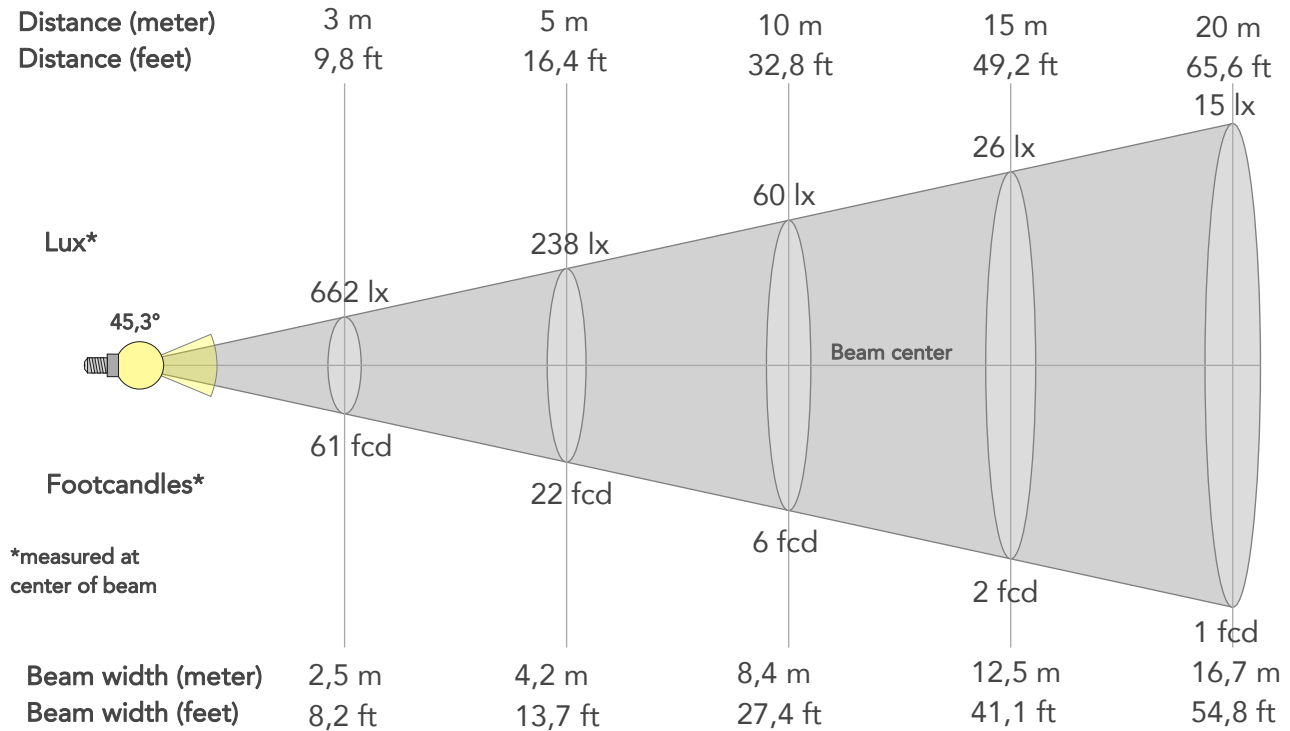
Cut off angle 2.5%: 99,5°

**Spectra**



## BEAM DETAILS

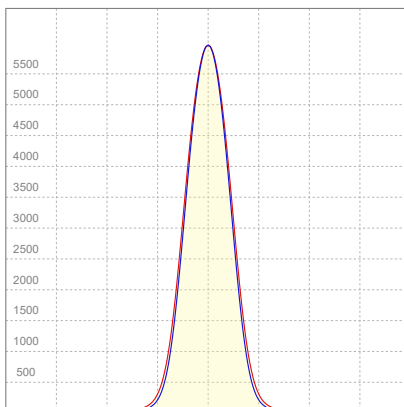
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,3°	77,2°	99,5°	99,0%	94,8%



### 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	5957lx	1489lx	662lx	372lx	238lx	106lx	60lx	26lx	15lx	10lx	7lx	4lx	2lx
Footcand.	553fcd	138fcd	61fcd	35fcd	22fcd	10fcd	6fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,3m	4,2m	6,3m	8,4m	12,5m	16,7m	20,9m	25,1m	33,4m	41,8m
Beam wid.	2,8ft	5,5ft	8,2ft	10,9ft	13,7ft	20,6ft	27,4ft	41,1ft	54,8ft	68,5ft	82,2ft	109,6ft	137ft

### LINEAR DISTRIBUTION DIAGRAM

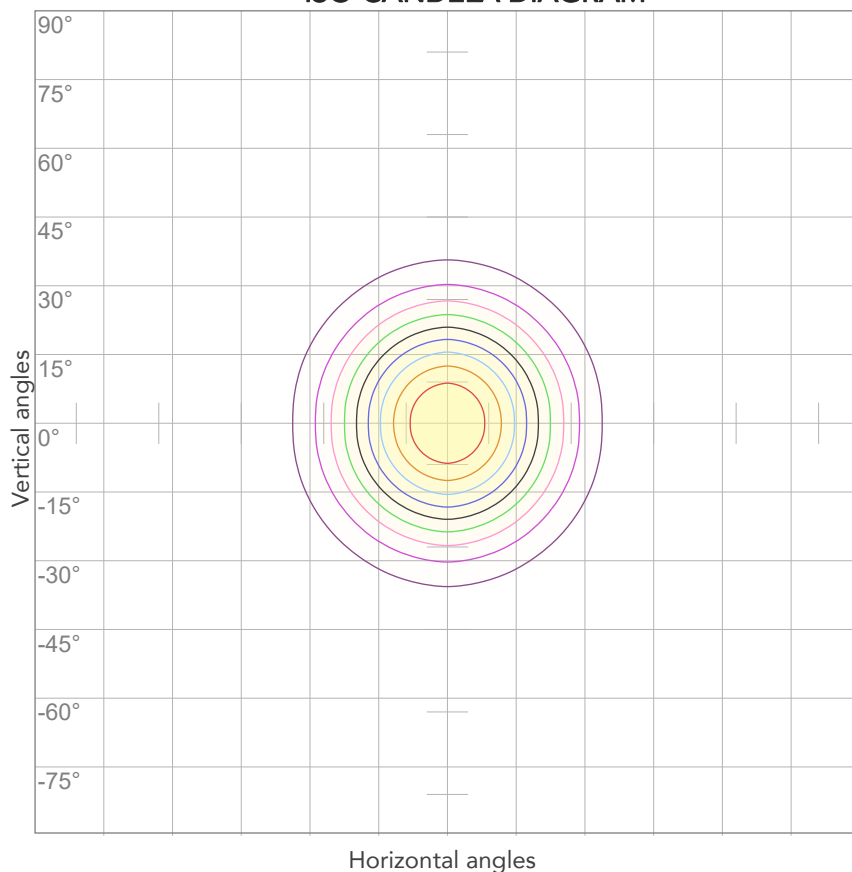


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,603A	127,2W	30lm/W

Power FC
0,93

## ISO CANDELA DIAGRAM



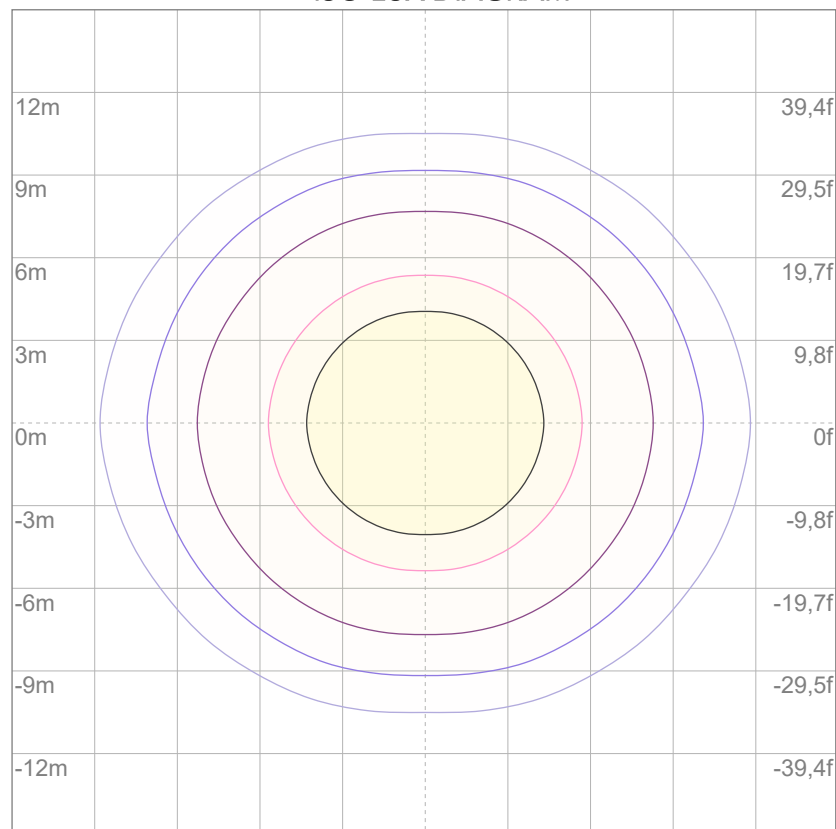
10%	596 cd
20%	1191 cd
30%	1787 cd
40%	2383 cd
50%	2979 cd
60%	3574 cd
70%	4170 cd
80%	4766 cd

### Conditions:

Number of c-planes: 4

Candela at center: 5957 cd

## ISO LUX DIAGRAM



3%	1,79 lx
5%	2,98 lx
10%	5,96 lx
30%	17,9 lx
50%	29,8 lx

### Conditions:

Number of c-planes: 4

Lux at center: 59,6 lx

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

Total lumen output:

3818 lm

Peak candela output:

4414 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 60° Filter

Target:

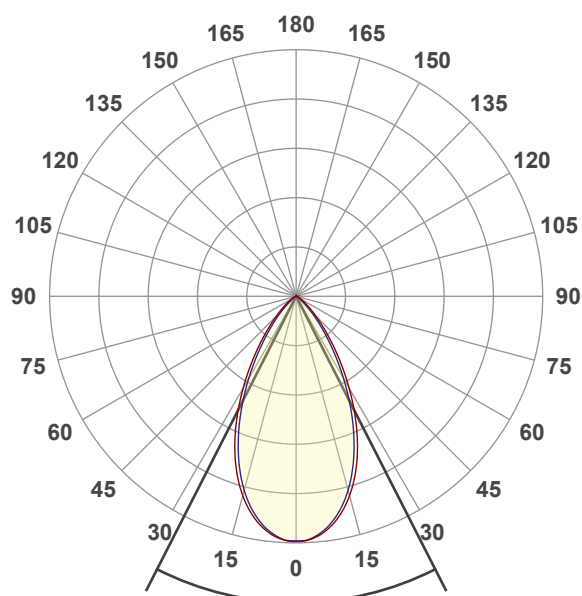
Full On

Operator:

Paolo Carvone

Date and time:

20/09/2022 15:51:50

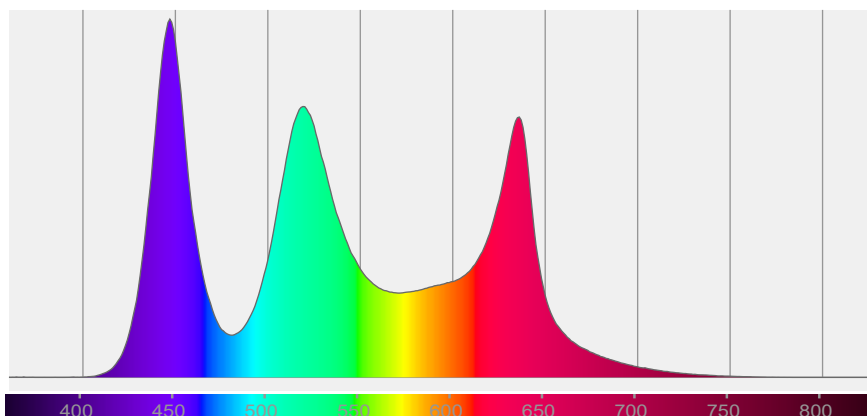


Beam angle 50%: 54°

Field angle 10%: 89,5°

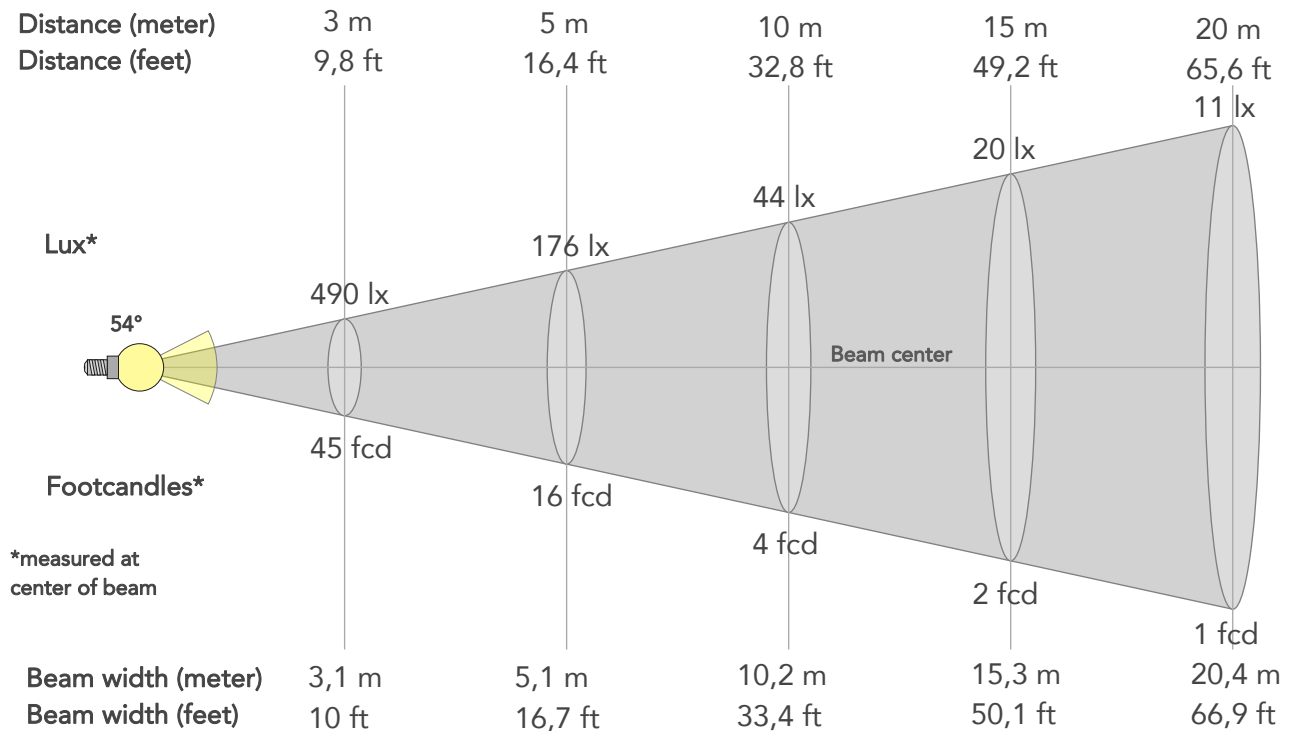
Cut off angle 2.5%: 112,7°

**Spectra**



## BEAM DETAILS

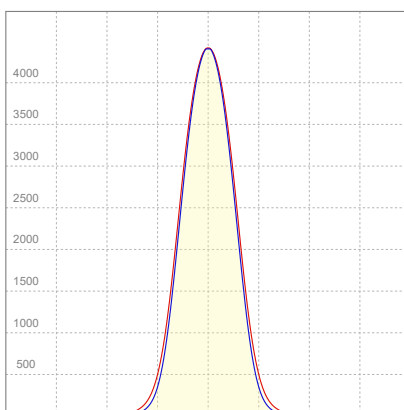
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
<b>54°</b>	<b>89,5°</b>	<b>112,7°</b>	<b>98,7%</b>	<b>92,1%</b>



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4408lx	1102lx	490lx	275lx	176lx	78lx	44lx	20lx	11lx	7lx	5lx	3lx	2lx
Footcand.	409fcd	102fcd	45fcd	26fcd	16fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2m	3,1m	4,1m	5,1m	7,6m	10,2m	15,3m	20,4m	25,5m	30,6m	40,8m	51m
Beam wid.	3,4ft	6,7ft	10ft	13,3ft	16,7ft	25,1ft	33,4ft	50,1ft	66,9ft	83,6ft	100,3ft	133,7ft	167,1ft

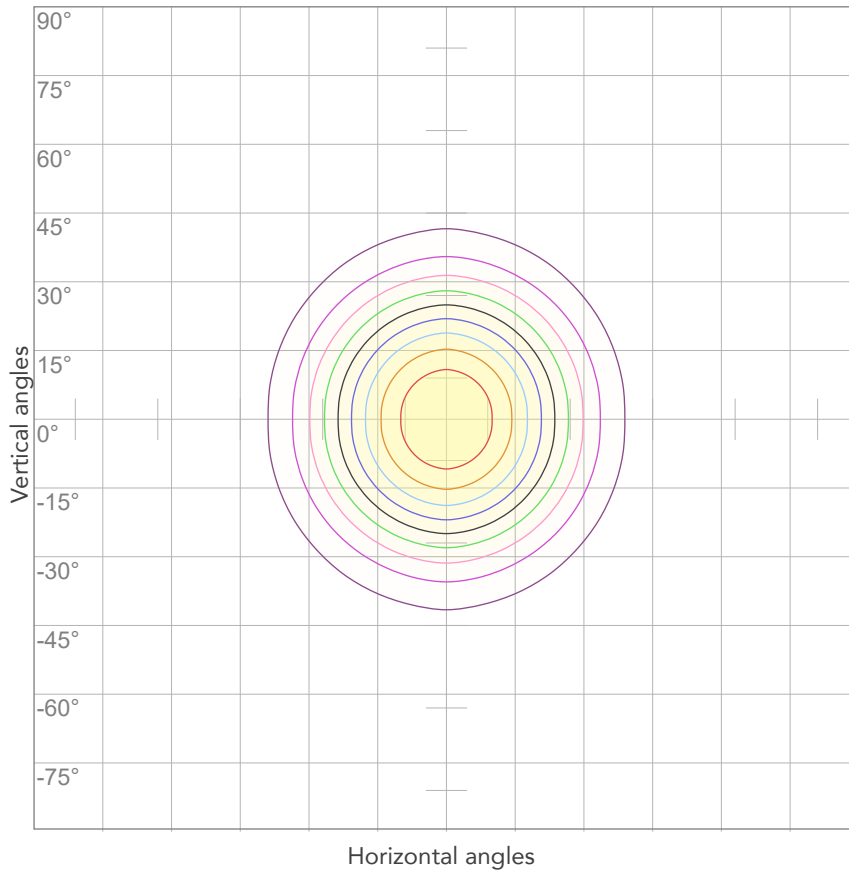
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
<b>225V</b>	<b>0,603A</b>	<b>127,1W</b>	<b>30lm/W</b>
Power FC			
<b>0,93</b>			

## ISO CANDELA DIAGRAM



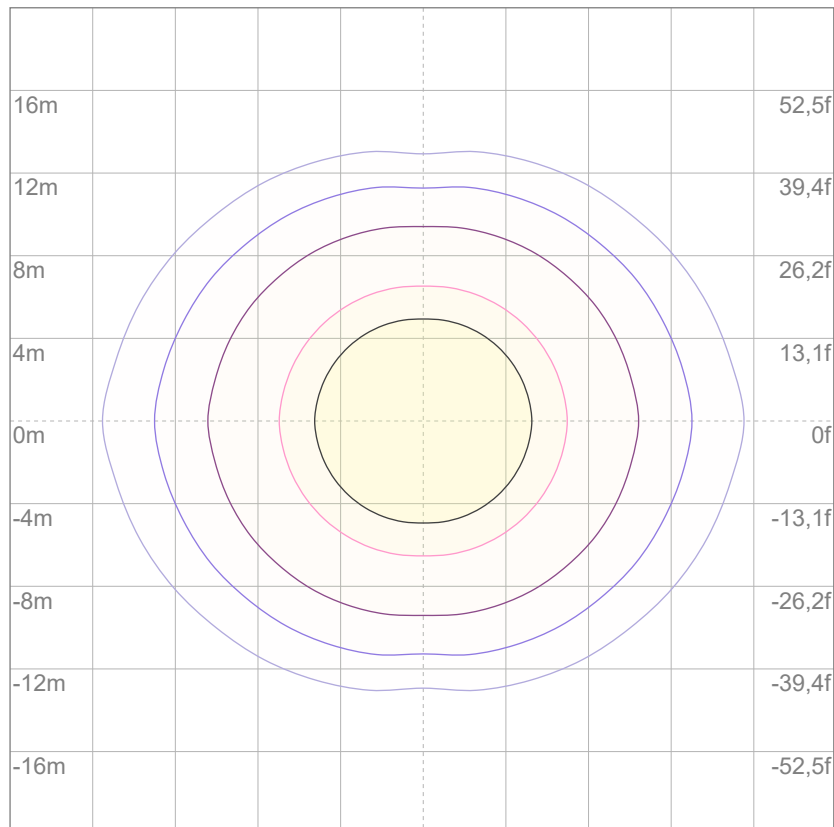
10%	441 cd
20%	882 cd
30%	1322 cd
40%	1763 cd
50%	2204 cd
60%	2645 cd
70%	3085 cd
80%	3526 cd

### Conditions:

Number of c-planes: 4

Candela at center: 4408 cd

## ISO LUX DIAGRAM



3%	1,32 lx
5%	2,20 lx
10%	4,41 lx
30%	13,2 lx
50%	22,0 lx

### Conditions:

Number of c-planes: 4

Lux at center: 44,1 lx

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

Total lumen output:

636 lm

Peak candela output:

17383 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic No. Filter

Target:

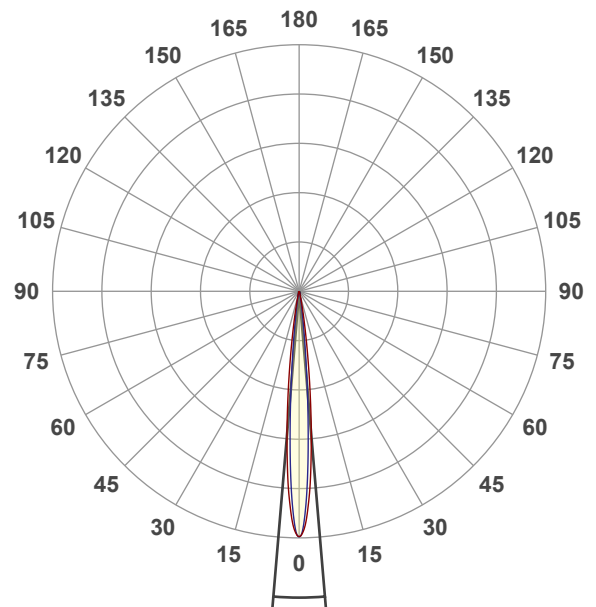
Red

Operator:

Paolo Carvone

Date and time:

20/09/2022 15:57:10

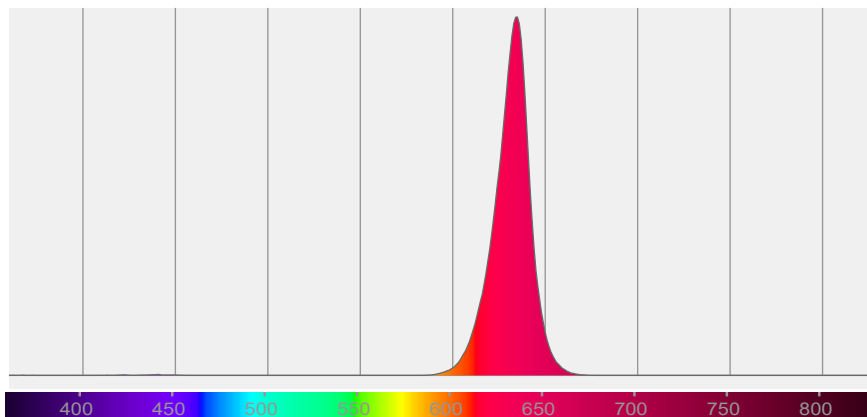


Beam angle 50%: 9,7°

Field angle 10%: 18,1°

Cut off angle 2.5%: 25°

**Spectra**

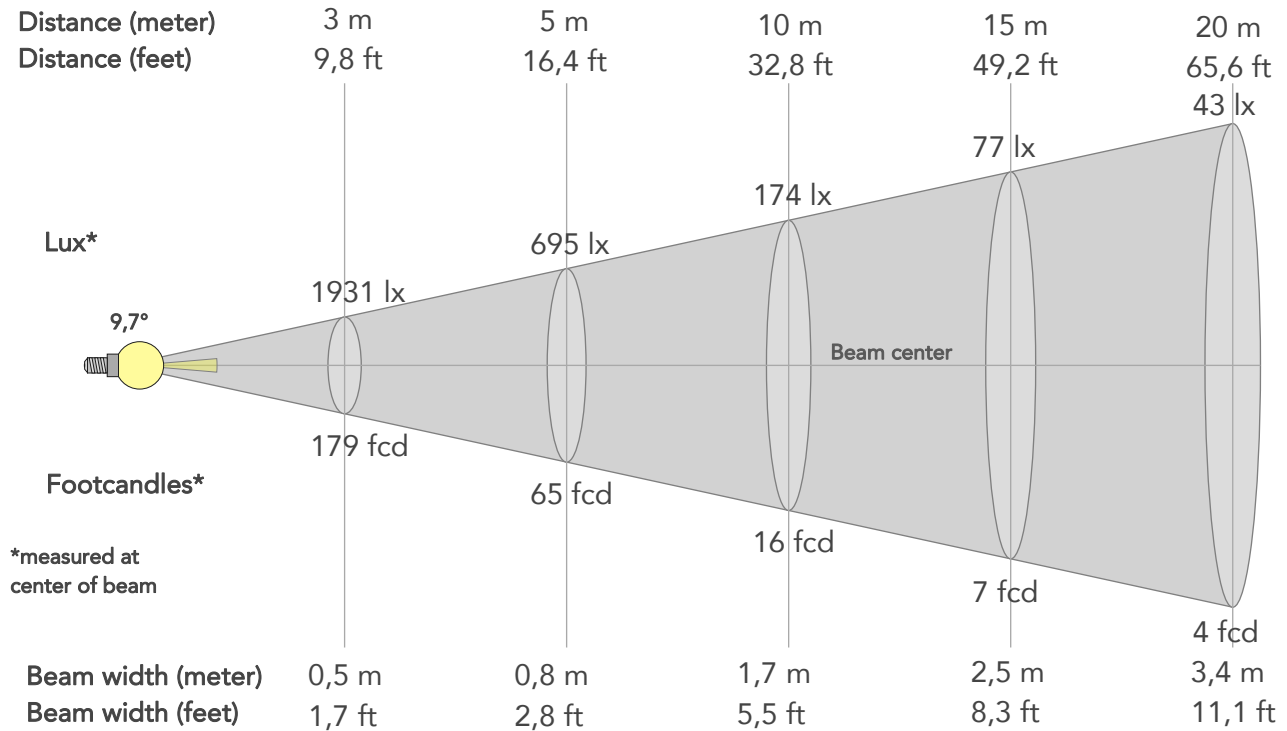




## BEAM DETAILS



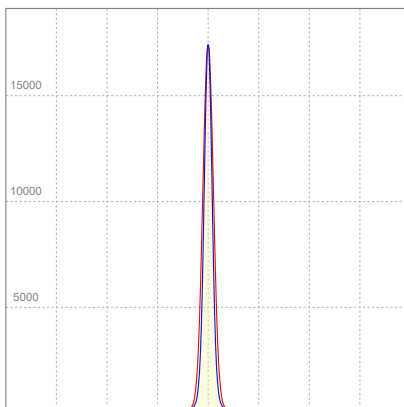
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,7°	18,1°	25°	100,0%	100,0%



### 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	17379lx	4345lx	1931lx	1086lx	695lx	309lx	174lx	77lx	43lx	28lx	19lx	11lx	7lx
Footcand.	1615fcd	404fcd	179fcd	101fcd	65fcd	29fcd	16fcd	7fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,8m	1,3m	1,7m	2,5m	3,4m	4,2m	5,1m	6,8m	8,4m
Beam wid.	0,6ft	1,1ft	1,7ft	2,2ft	2,8ft	4,2ft	5,5ft	8,3ft	11,1ft	13,9ft	16,6ft	22,2ft	27,7ft

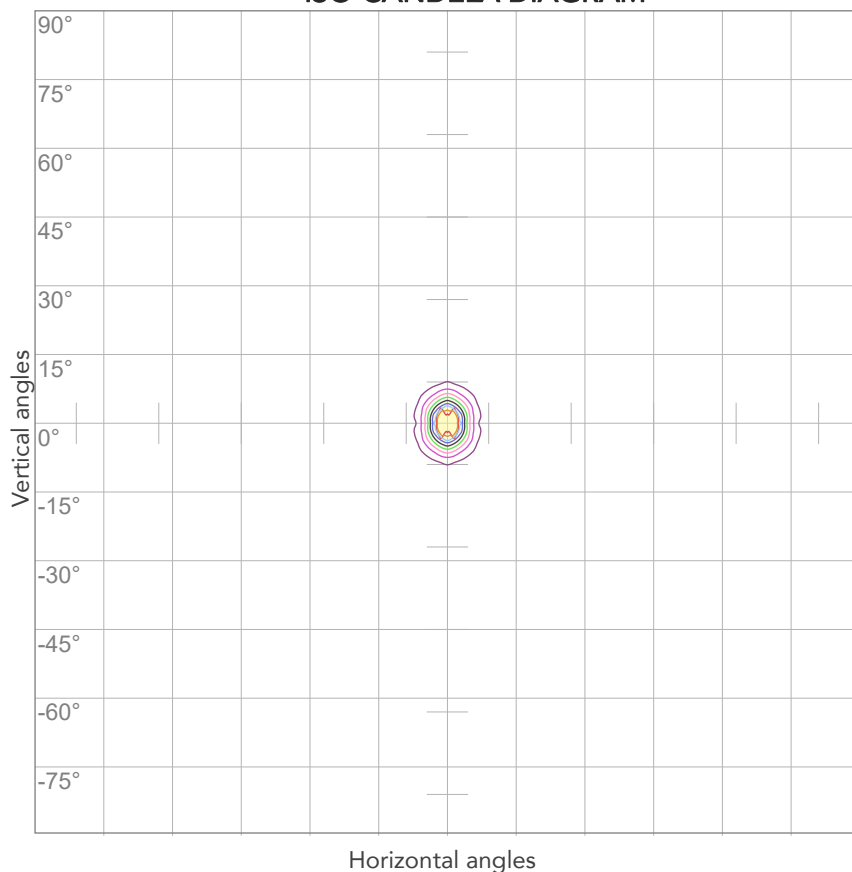
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,227A	45,0W	14lm/W
Power FC			
0,88			

## ISO CANDELA DIAGRAM



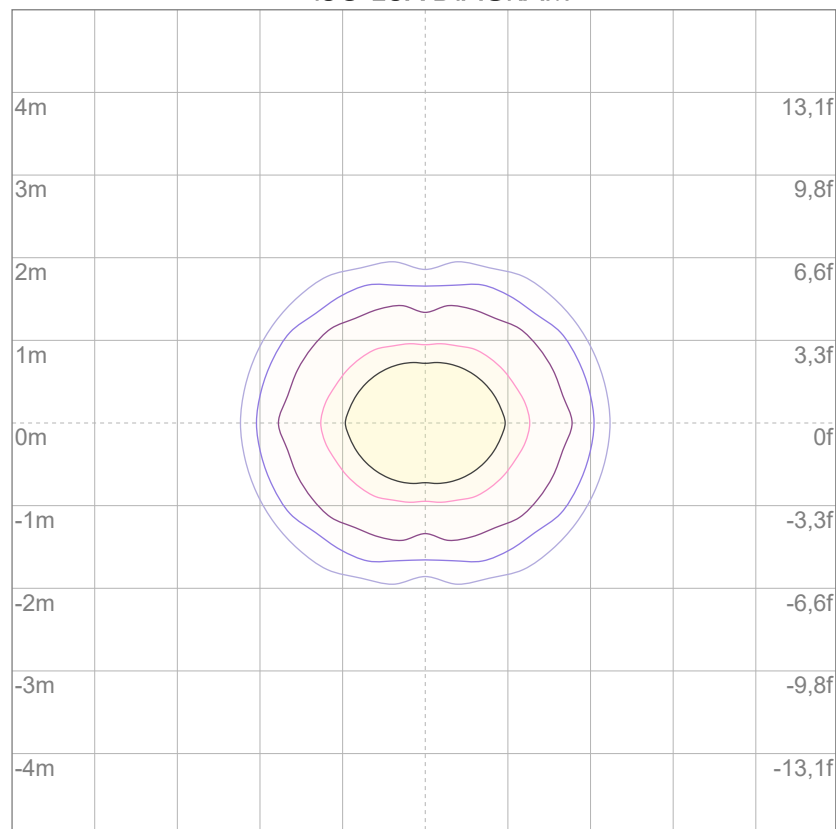
10%	1738 cd
20%	3476 cd
30%	5214 cd
40%	6952 cd
50%	8690 cd
60%	10428 cd
70%	12166 cd
80%	13904 cd

### Conditions:

Number of c-planes: 4

Candela at center: 17379 cd

## ISO LUX DIAGRAM



3%	5,21 lx
5%	8,69 lx
10%	17,4 lx
30%	52,1 lx
50%	86,9 lx

### Conditions:

Number of c-planes: 4

Lux at center: 174 lx

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

Total lumen output:

609 lm

Peak candela output:

13609 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + Smooth 5° Filter

Target:

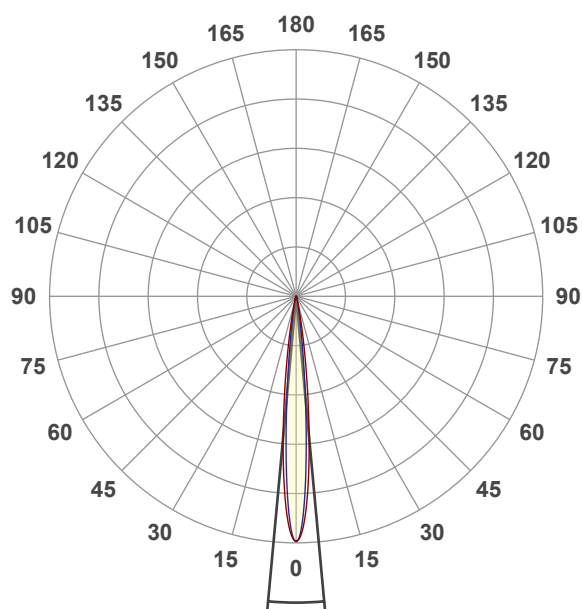
Red

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:00:15

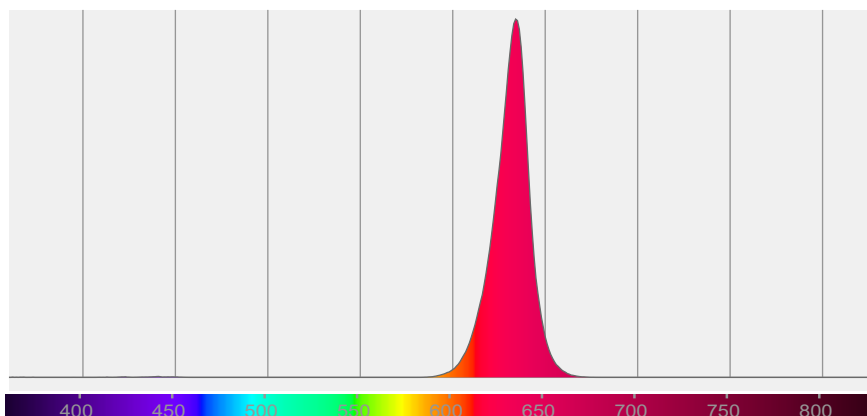


Beam angle 50%: 10,5°

Field angle 10%: 19,9°

Cut off angle 2.5%: 28,5°

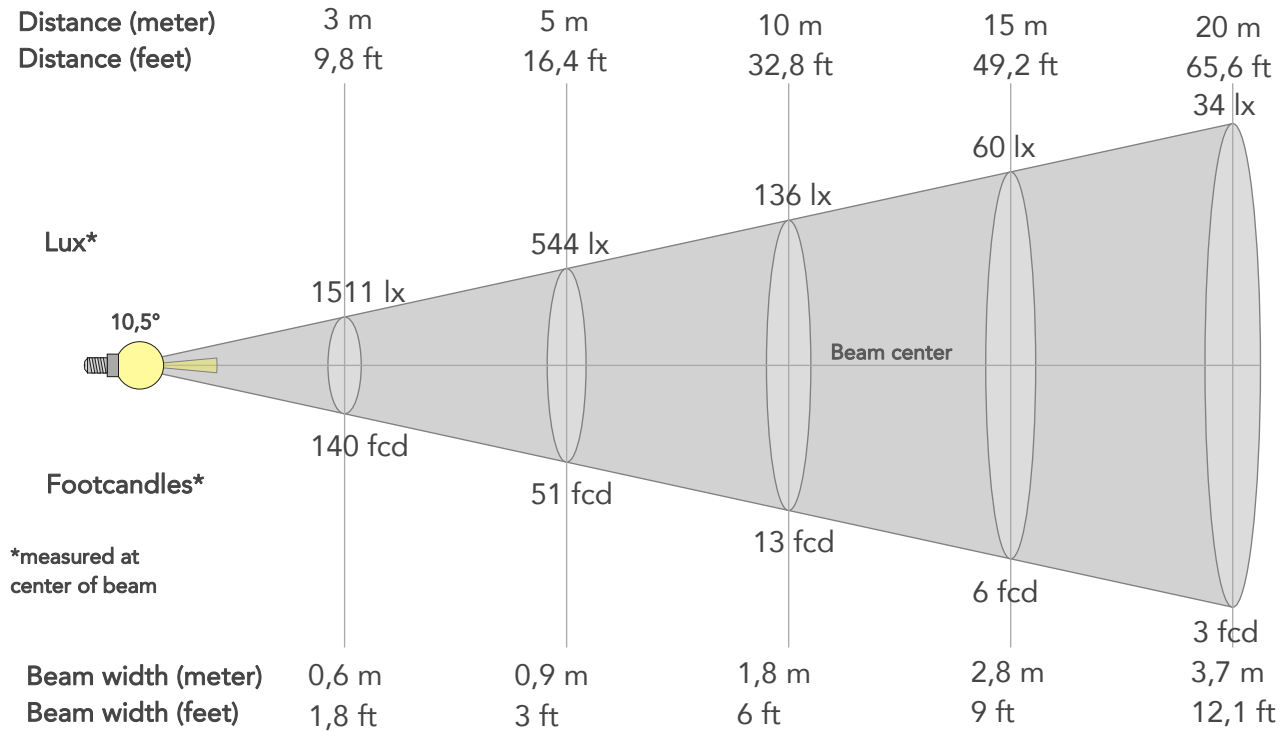
**Spectra**



# BEAM DETAILS



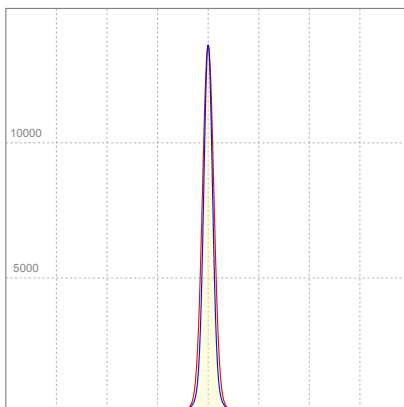
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,5°	19,9°	28,5°	100,0%	100,0%



## 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	13602lx	3401lx	1511lx	850lx	544lx	242lx	136lx	60lx	34lx	22lx	15lx	9lx	5lx
Footcand.	1264fcd	316fcd	140fcd	79fcd	51fcd	22fcd	13fcd	6fcd	3fcd	2fcd	1fcd	1fcd	1fcd
Beam wid.	0,2m	0,4m	0,6m	0,7m	0,9m	1,4m	1,8m	2,8m	3,7m	4,6m	5,5m	7,4m	9,2m
Beam wid.	0,6ft	1,2ft	1,8ft	2,4ft	3ft	4,5ft	6ft	9ft	12,1ft	15,1ft	18,1ft	24,1ft	30,2ft

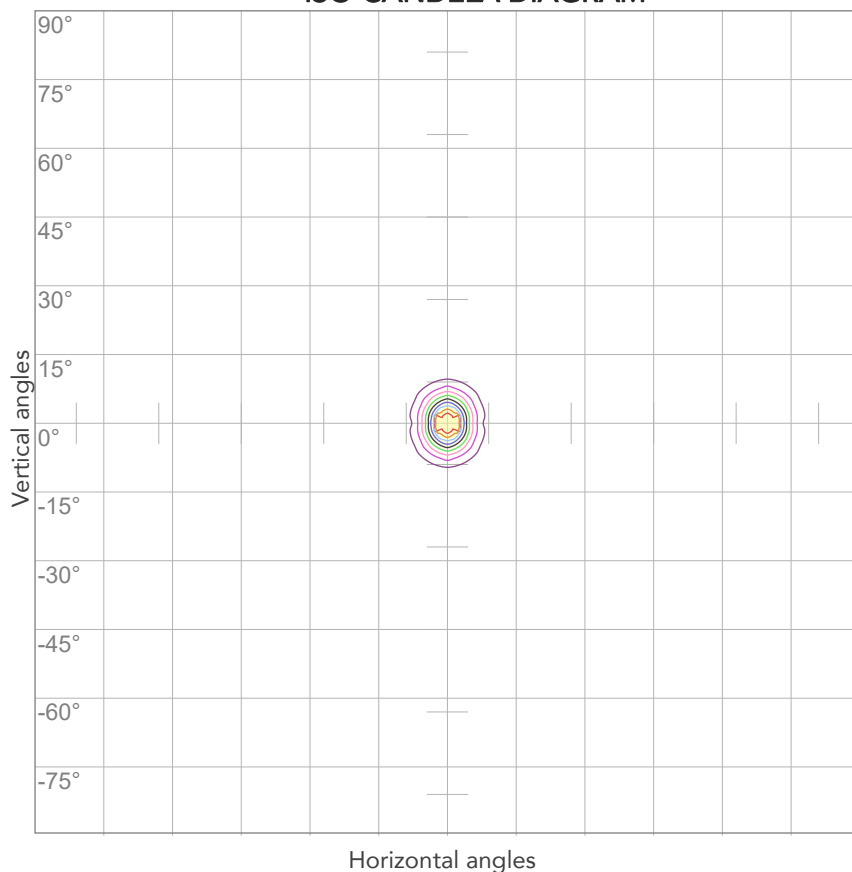
## LINEAR DISTRIBUTION DIAGRAM



## ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,227A	44,8W	14lm/W
Power FC			
0,88			

## ISO CANDELA DIAGRAM



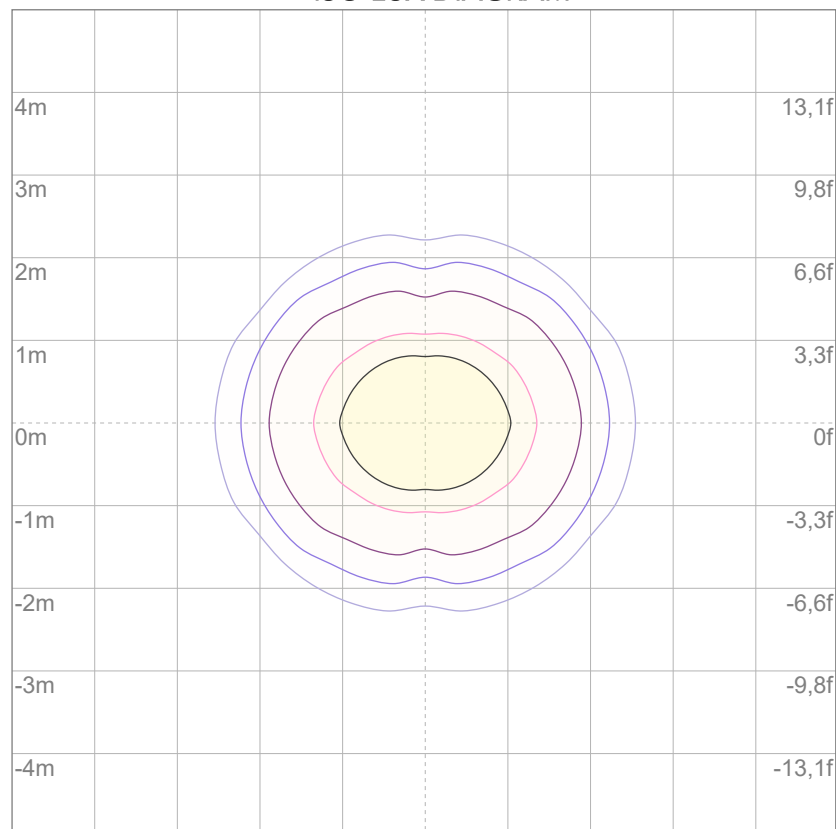
10%	1360 cd
20%	2720 cd
30%	4081 cd
40%	5441 cd
50%	6801 cd
60%	8161 cd
70%	9522 cd
80%	10882 cd

### Conditions:

Number of c-planes: 4

Candela at center: 13602 cd

## ISO LUX DIAGRAM



3%	4,08 lx
5%	6,80 lx
10%	13,6 lx
30%	40,8 lx
50%	68,0 lx

### Conditions:

Number of c-planes: 4

Lux at center: 136 lx

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

Total lumen output:

640 lm

Peak candela output:

3019 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 20° Filter

Target:

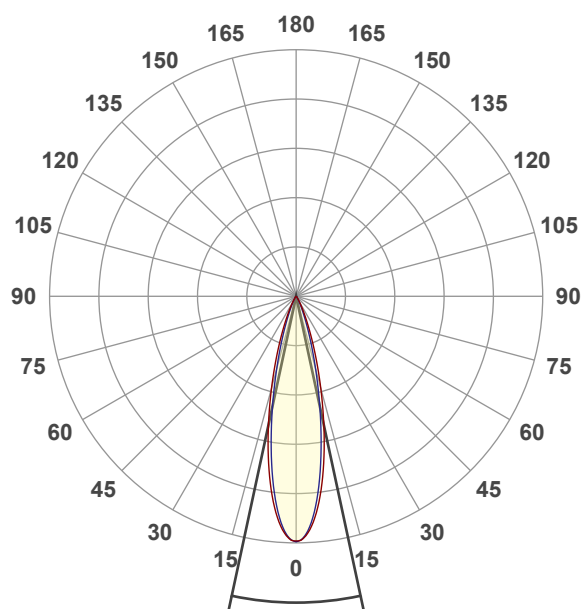
Red

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:07:13

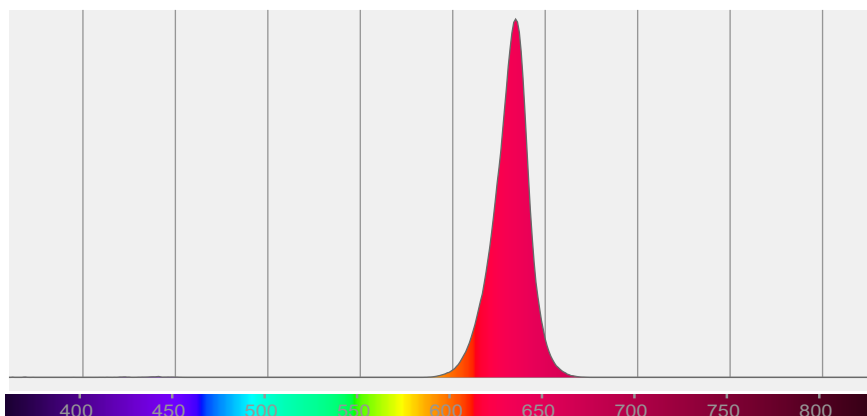


Beam angle 50%: 24,3°

Field angle 10%: 45°

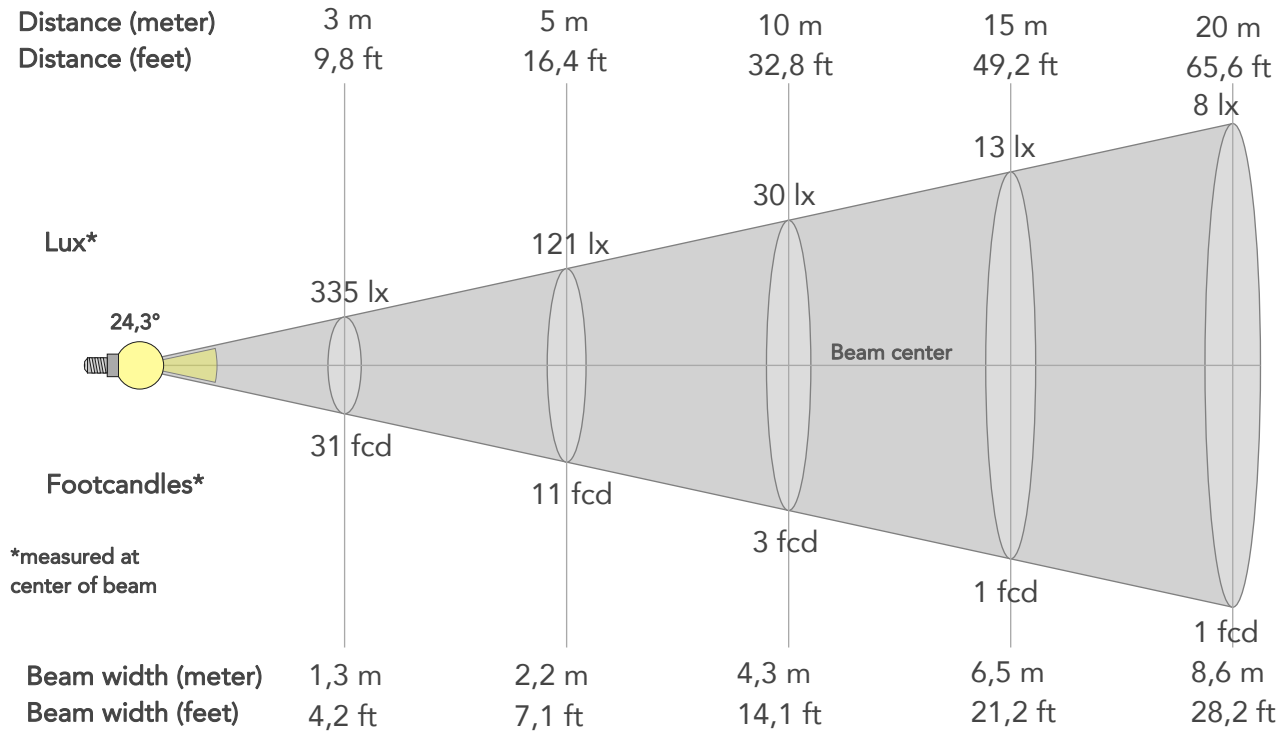
Cut off angle 2.5%: 59,2°

**Spectra**



## BEAM DETAILS

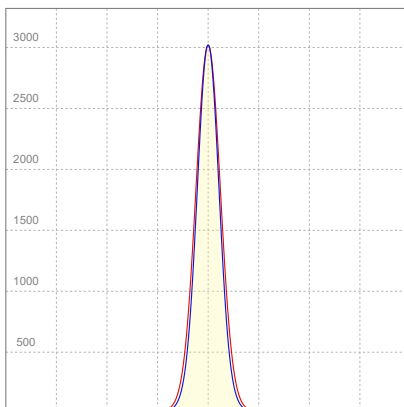
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24,3°	45°	59,2°	100,0%	99,6%



### 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	3014lx	754lx	335lx	188lx	121lx	54lx	30lx	13lx	8lx	5lx	3lx	2lx	1lx
Footcand.	280fcd	70fcd	31fcd	18fcd	11fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,4m	0,9m	1,3m	1,7m	2,2m	3,2m	4,3m	6,5m	8,6m	10,8m	12,9m	17,2m	21,5m
Beam wid.	1,4ft	2,8ft	4,2ft	5,6ft	7,1ft	10,6ft	14,1ft	21,2ft	28,2ft	35,3ft	42,3ft	56,4ft	70,5ft

### LINEAR DISTRIBUTION DIAGRAM

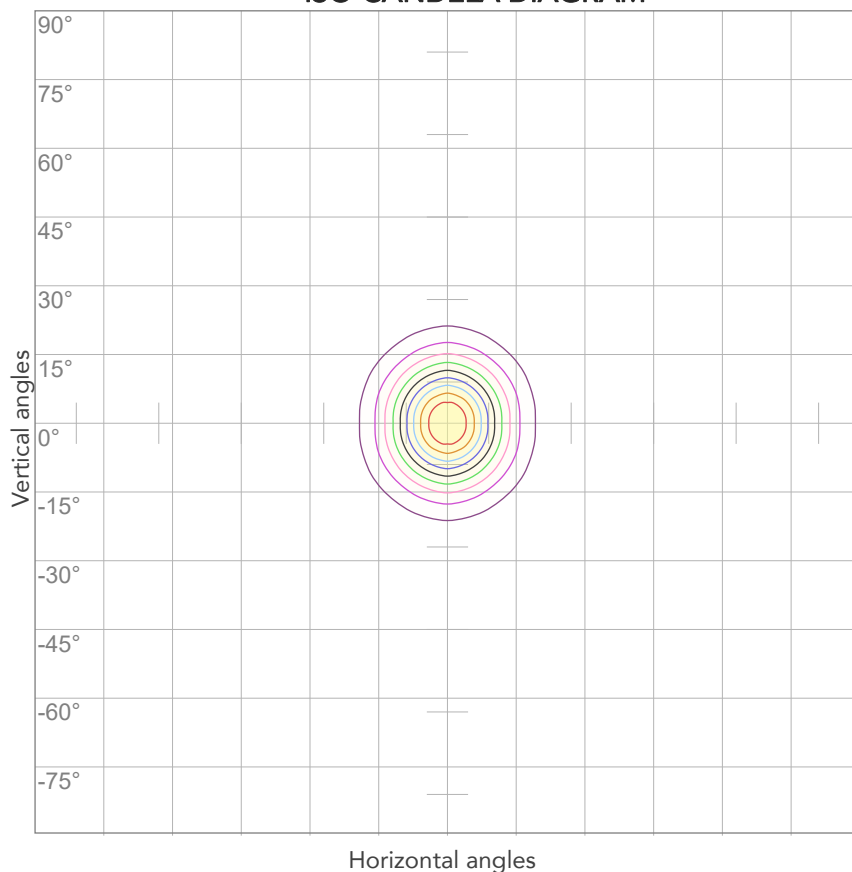


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,226A	44,8W	14lm/W

Power FC
0,88

## ISO CANDELA DIAGRAM



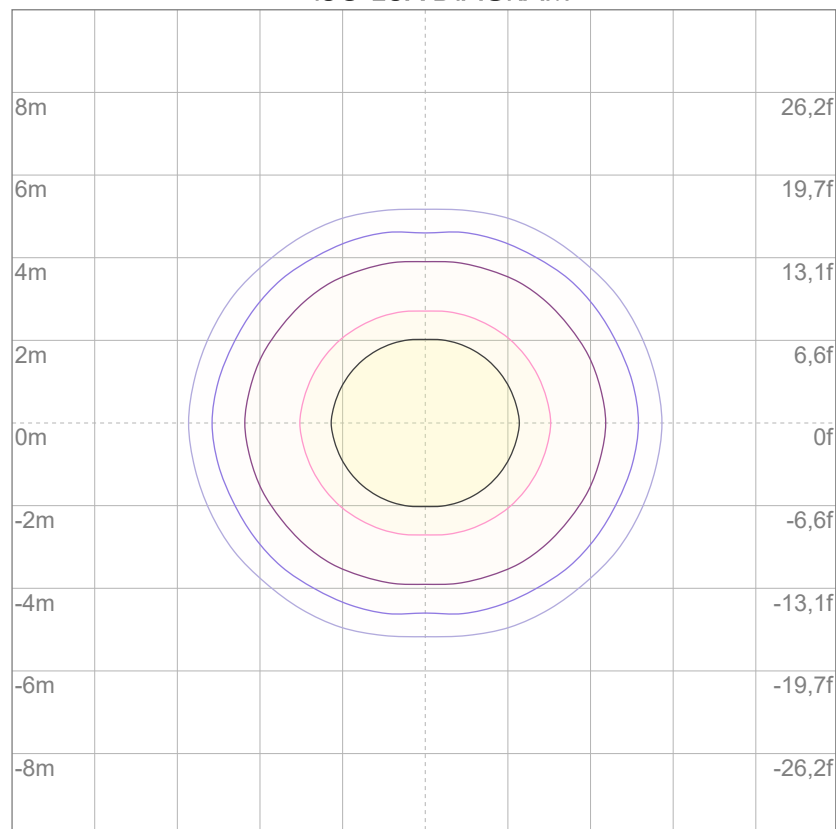
10%	301 cd
20%	603 cd
30%	904 cd
40%	1206 cd
50%	1507 cd
60%	1809 cd
70%	2110 cd
80%	2412 cd

### Conditions:

Number of c-planes: 4

Candela at center: 3014 cd

## ISO LUX DIAGRAM



3%	0,904 lx
5%	1,51 lx
10%	3,01 lx
30%	9,04 lx
50%	15,1 lx

### Conditions:

Number of c-planes: 4

Lux at center: 30,1 lx

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



Total lumen output:

671 lm

Peak candela output:

1077 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 40° Filter

Target:

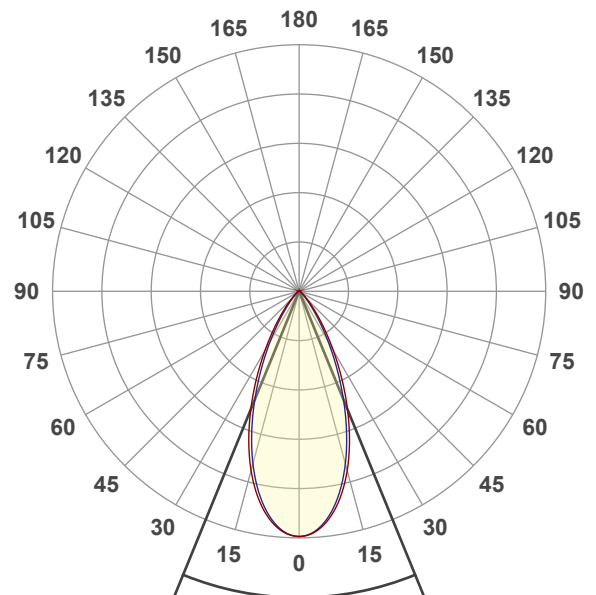
Red

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:10:06

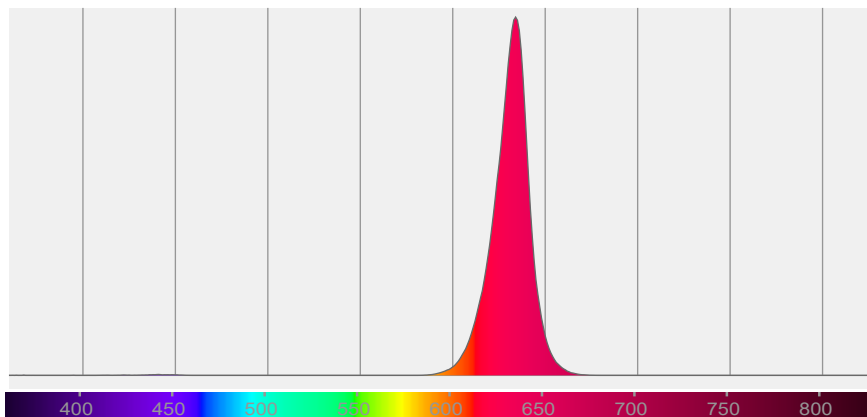


Beam angle 50%: 44,5°

Field angle 10%: 75,9°

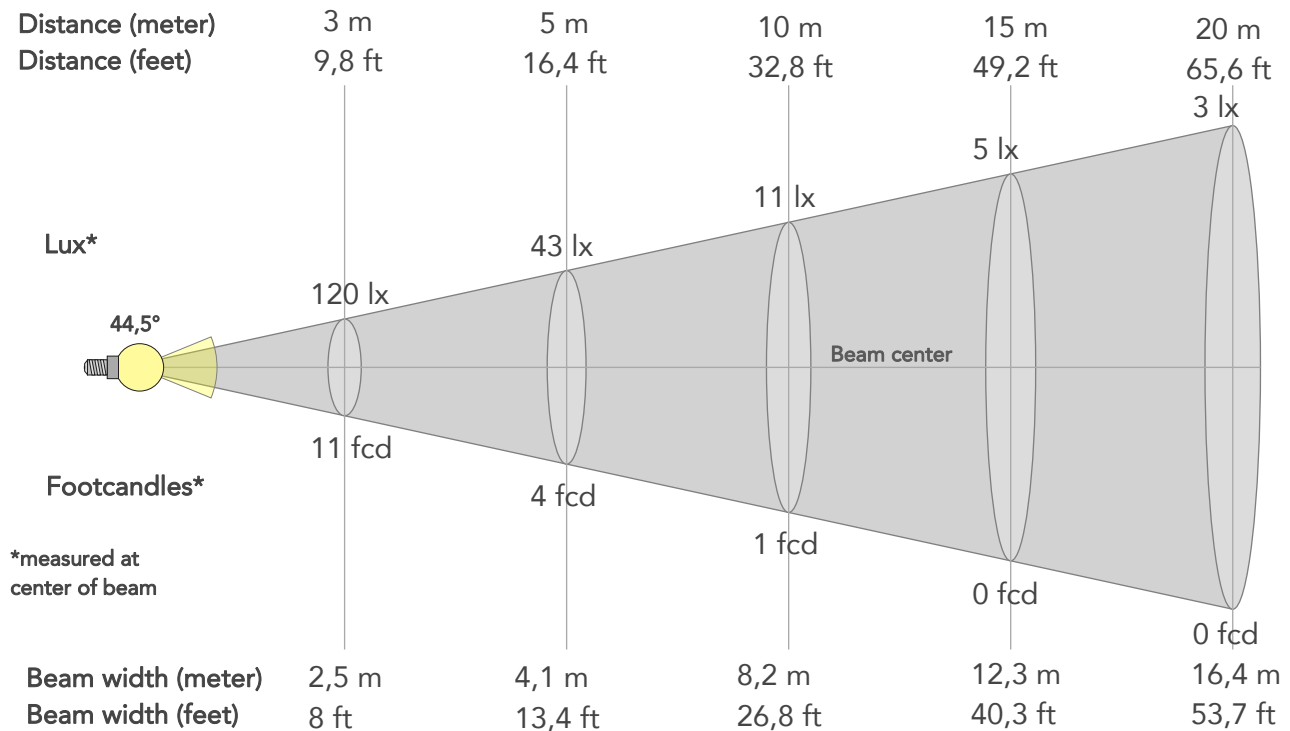
Cut off angle 2.5%: 97°

**Spectra**



## BEAM DETAILS

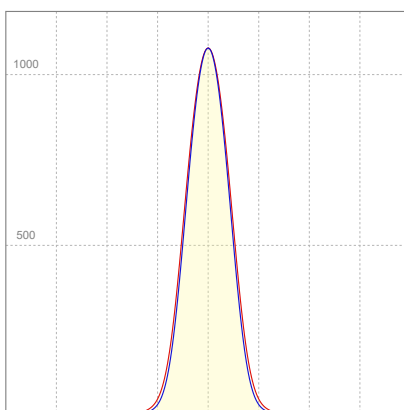
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
<b>44,5°</b>	<b>75,9°</b>	<b>97°</b>	<b>99,1%</b>	<b>95,4%</b>



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	1077lx	269lx	120lx	67lx	43lx	19lx	11lx	5lx	3lx	2lx	1lx	1lx	0lx
Footcand.	100fcd	25fcd	11fcd	6fcd	4fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,6m	2,5m	3,3m	4,1m	6,1m	8,2m	12,3m	16,4m	20,5m	24,6m	32,7m	40,9m
Beam wid.	2,7ft	5,4ft	8ft	10,7ft	13,4ft	20,1ft	26,8ft	40,3ft	53,7ft	67,1ft	80,5ft	107,4ft	134,2ft

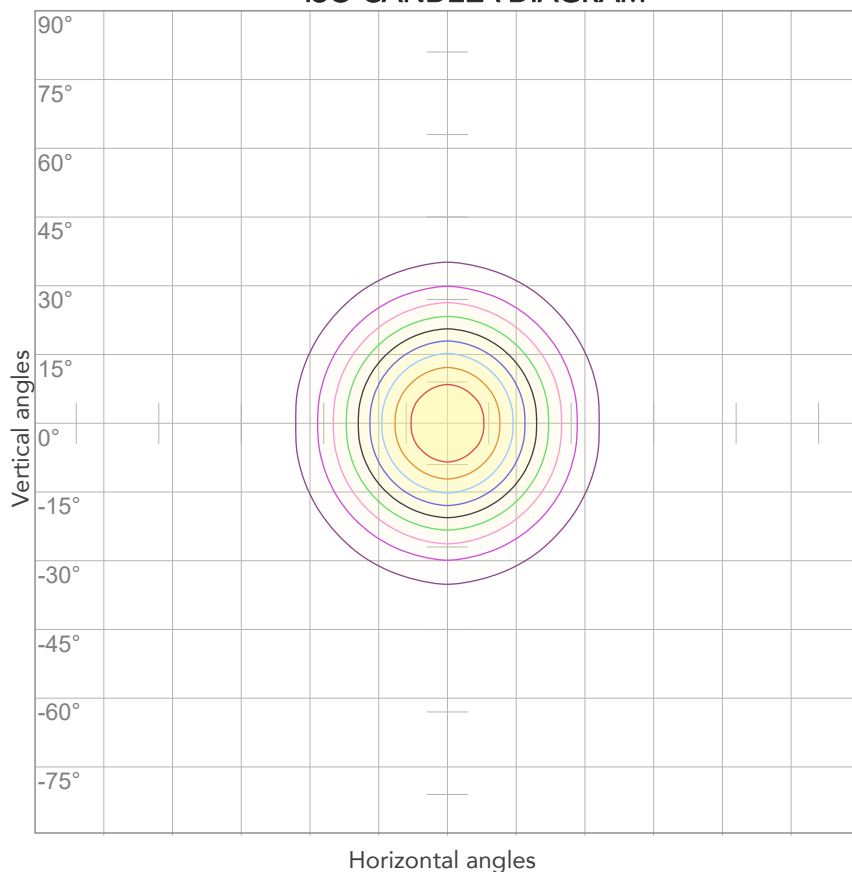
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
<b>226V</b>	<b>0,226A</b>	<b>44,8W</b>	<b>15lm/W</b>
Power FC			
<b>0,88</b>			

## ISO CANDELA DIAGRAM



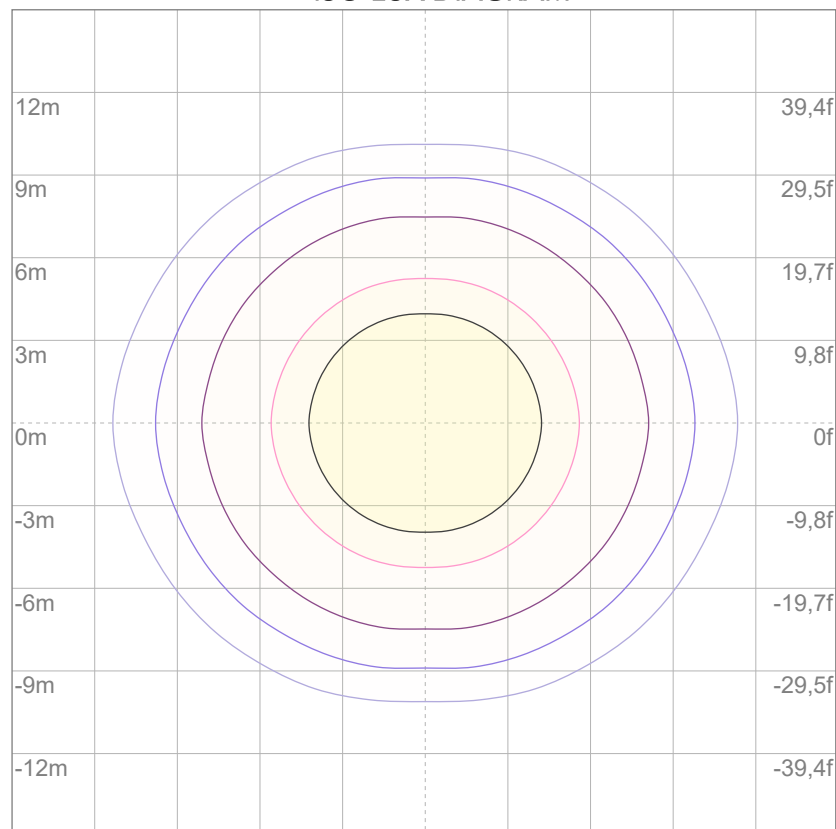
10%	108 cd
20%	215 cd
30%	323 cd
40%	431 cd
50%	539 cd
60%	646 cd
70%	754 cd
80%	862 cd

### Conditions:

Number of c-planes: 4

Candela at center: 1077 cd

## ISO LUX DIAGRAM



3%	0,323 lx
5%	0,539 lx
10%	1,08 lx
30%	3,23 lx
50%	5,39 lx

### Conditions:

Number of c-planes: 4

Lux at center: 10,8 lx

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

Total lumen output:

679 lm

Peak candela output:

805 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 60° Filter

Target:

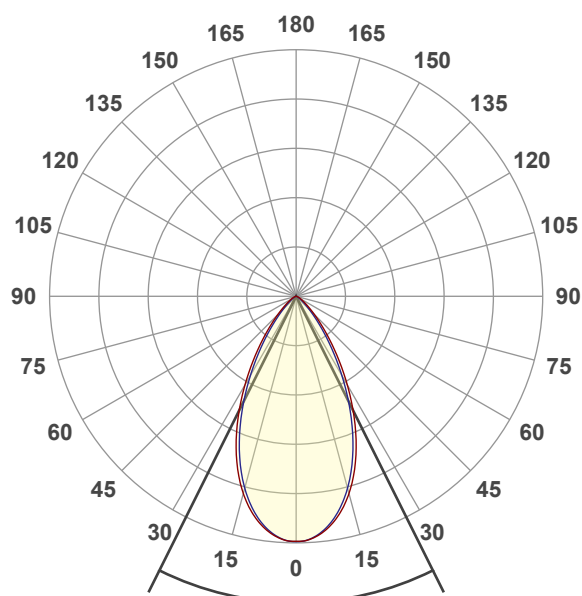
Red

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:12:38

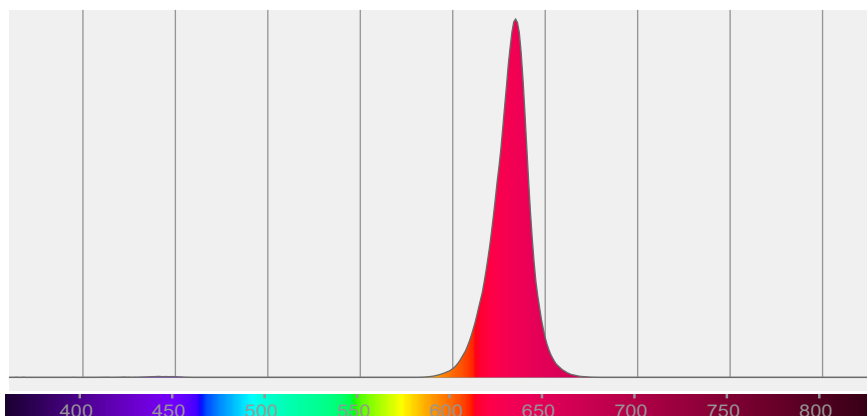


Beam angle 50%: 53°

Field angle 10%: 88,3°

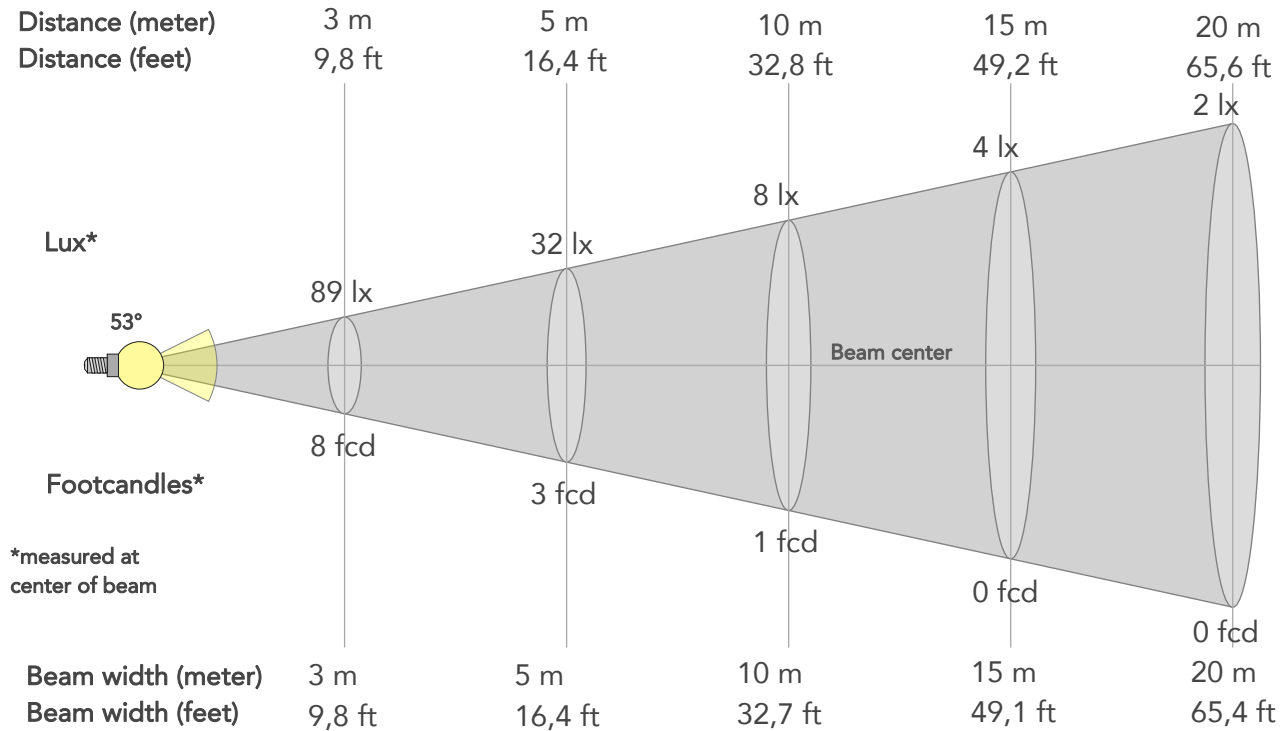
Cut off angle 2.5%: 112,2°

**Spectra**



## BEAM DETAILS

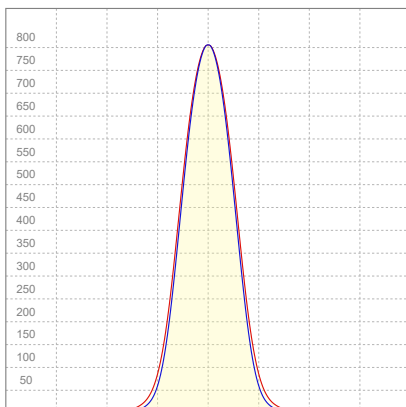
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
53°	88,3°	112,2°	98,5%	92,1%



### 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	805lx	201lx	89lx	50lx	32lx	14lx	8lx	4lx	2lx	1lx	1lx	1lx	0lx
Footcand.	75fcd	19fcd	8fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	24,9m	29,9m	39,9m	49,9m
Beam wid.	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,5ft	32,7ft	49,1ft	65,4ft	81,8ft	98,2ft	130,9ft	163,6ft

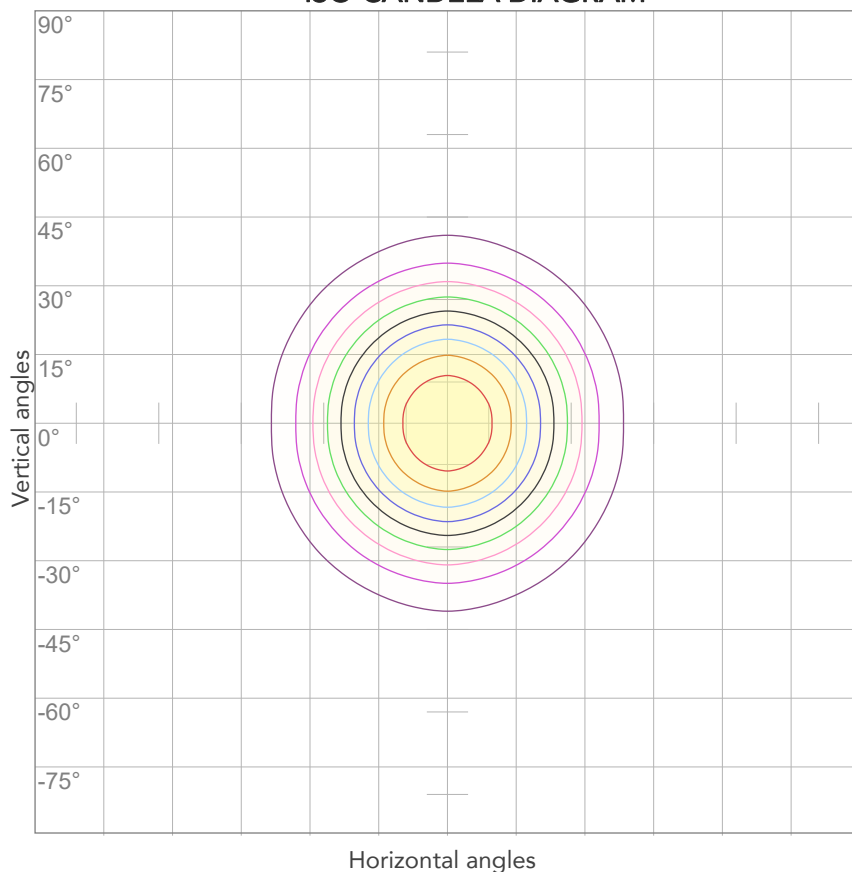
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,226A	44,8W	15lm/W
Power FC			
0,88			

## ISO CANDELA DIAGRAM



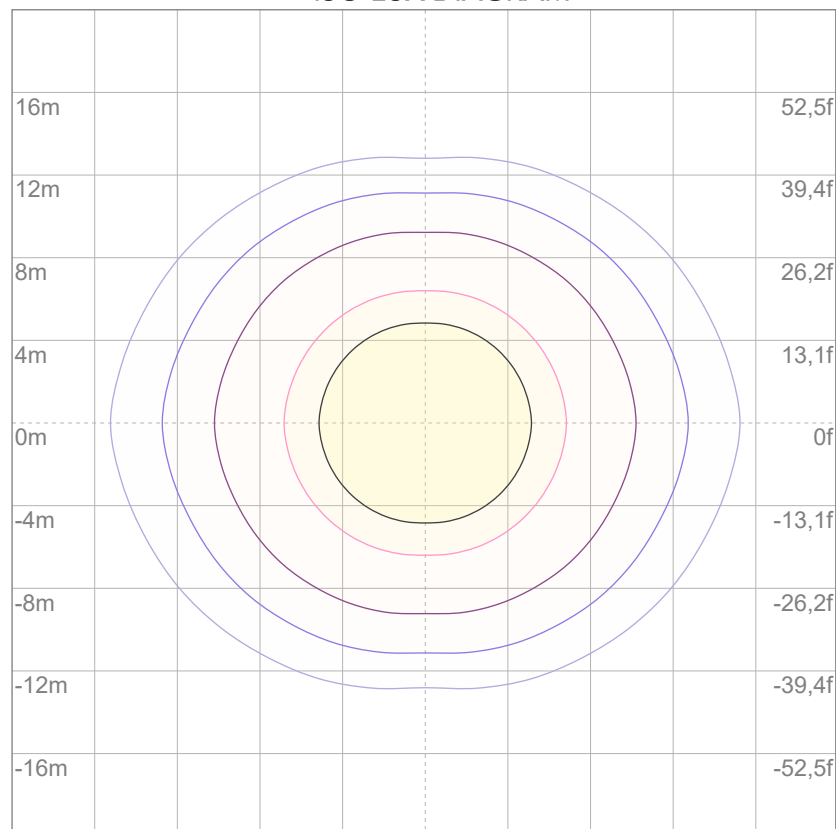
10%	80 cd
20%	161 cd
30%	241 cd
40%	322 cd
50%	402 cd
60%	483 cd
70%	563 cd
80%	644 cd

### Conditions:

Number of c-planes: 4

Candela at center: 805 cd

## ISO LUX DIAGRAM



3%	0,241 lx
5%	0,402 lx
10%	0,805 lx
30%	2,41 lx
50%	4,02 lx

### Conditions:

Number of c-planes: 4

Lux at center: 8,05 lx

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

Total lumen output:

1472 lm

Peak candela output:

38913 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic No. Filter

Target:

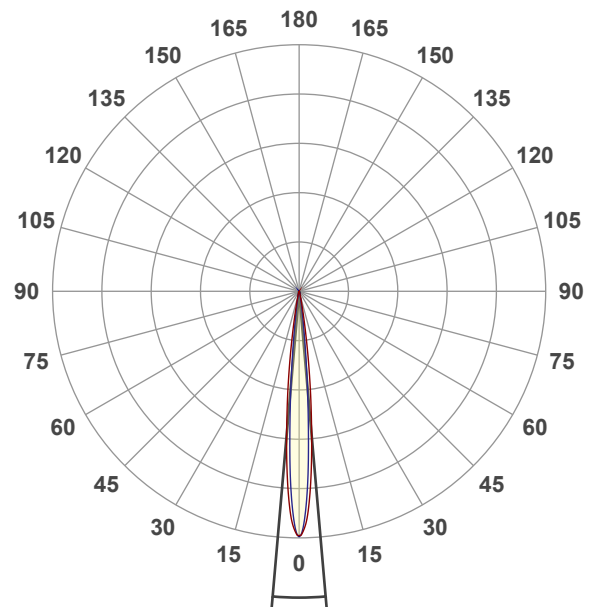
Green

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:16:17

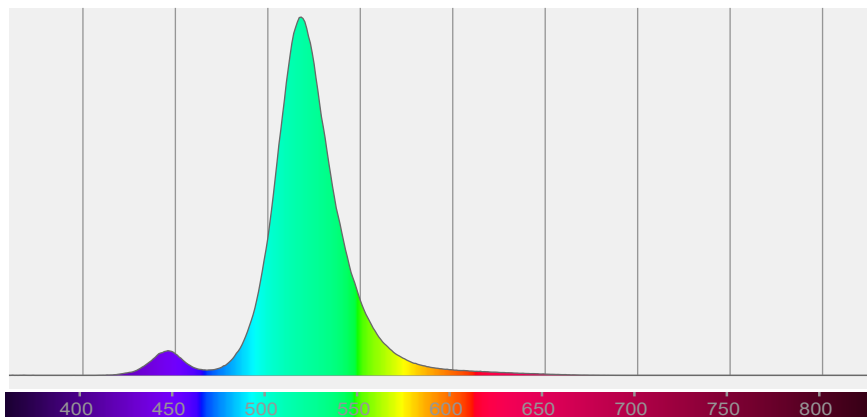


Beam angle 50%: 9,9°

Field angle 10%: 18,2°

Cut off angle 2.5%: 25°

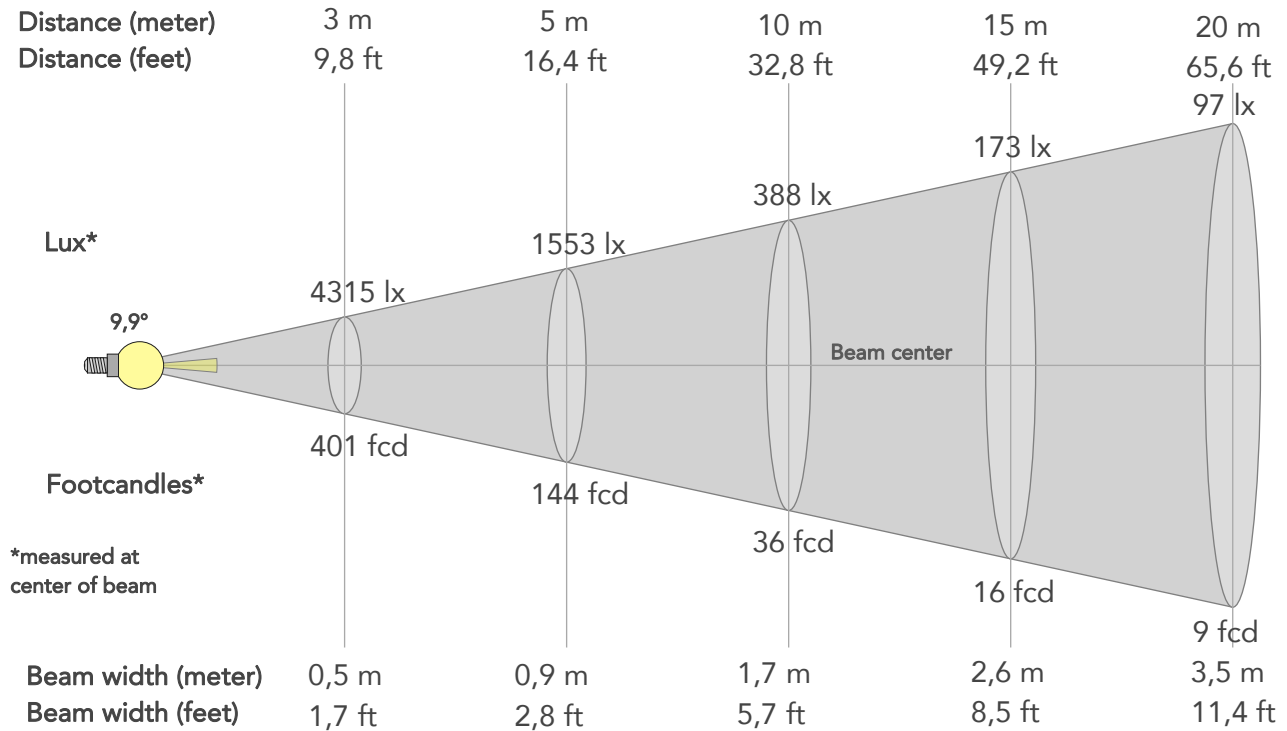
**Spectra**



# BEAM DETAILS



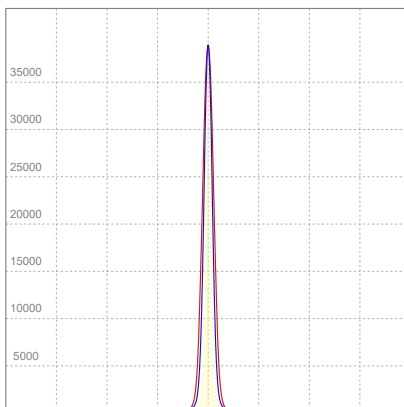
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,9°	18,2°	25°	100,0%	100,0%



## 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	38835lx	9709lx	4315lx	2427lx	1553lx	690lx	388lx	173lx	97lx	62lx	43lx	24lx	16lx
Footcand.	3608fcd	902fcd	401fcd	225fcd	144fcd	64fcd	36fcd	16fcd	9fcd	6fcd	4fcd	2fcd	1fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,9m	1,3m	1,7m	2,6m	3,5m	4,3m	5,2m	6,9m	8,7m
Beam wid.	0,6ft	1,1ft	1,7ft	2,3ft	2,8ft	4,3ft	5,7ft	8,5ft	11,4ft	14,2ft	17,1ft	22,8ft	28,5ft

## LINEAR DISTRIBUTION DIAGRAM

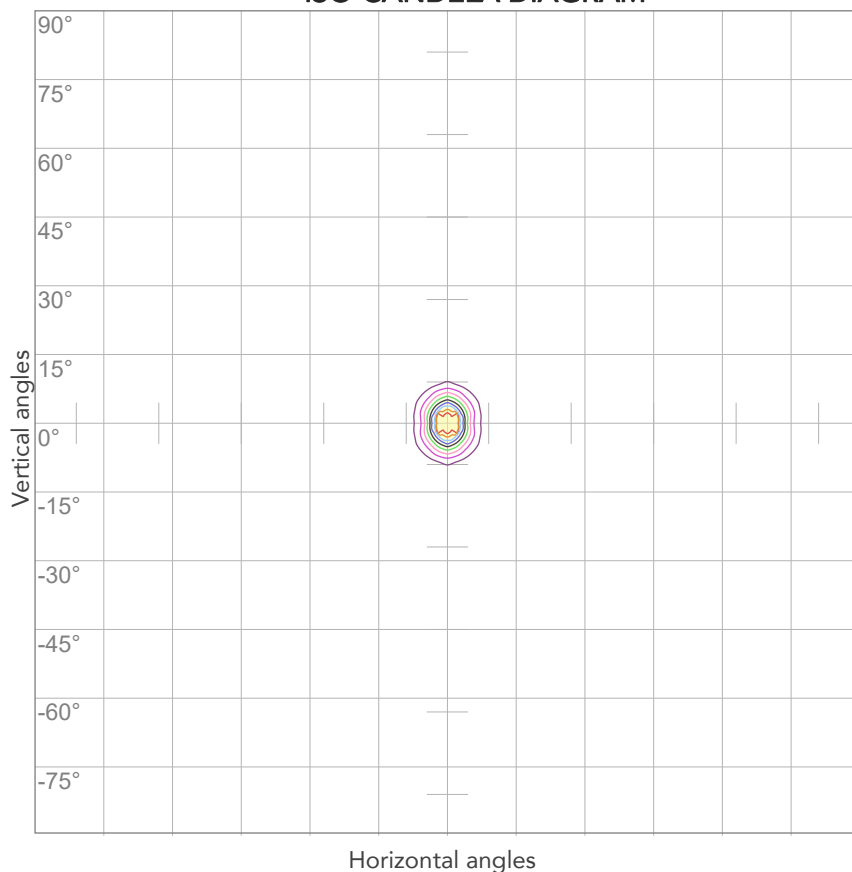


## ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,278A	56,3W	26lm/W
Power FC			
0,9			



## ISO CANDELA DIAGRAM



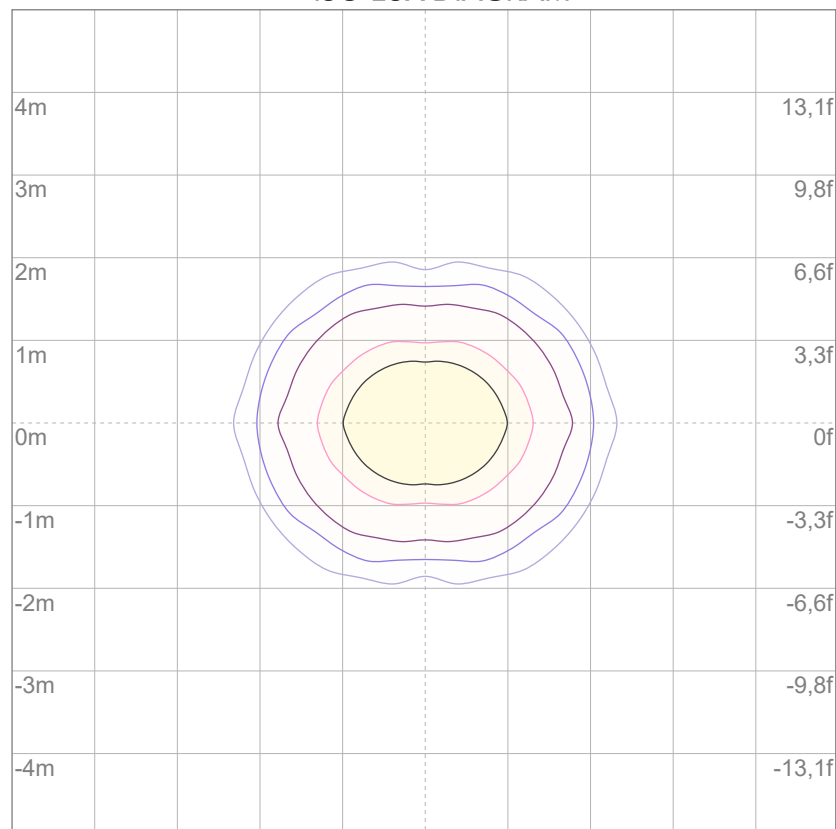
10%	3883 cd
20%	7767 cd
30%	11650 cd
40%	15534 cd
50%	19417 cd
60%	23301 cd
70%	27184 cd
80%	31068 cd

### Conditions:

Number of c-planes: 4

Candela at center: 38835 cd

## ISO LUX DIAGRAM



3%	11,7 lx
5%	19,4 lx
10%	38,8 lx
30%	117 lx
50%	194 lx

### Conditions:

Number of c-planes: 4

Lux at center: 388 lx

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

Total lumen output:

1310 lm

Peak candela output:

29770 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + Smooth 5° Filter

Target:

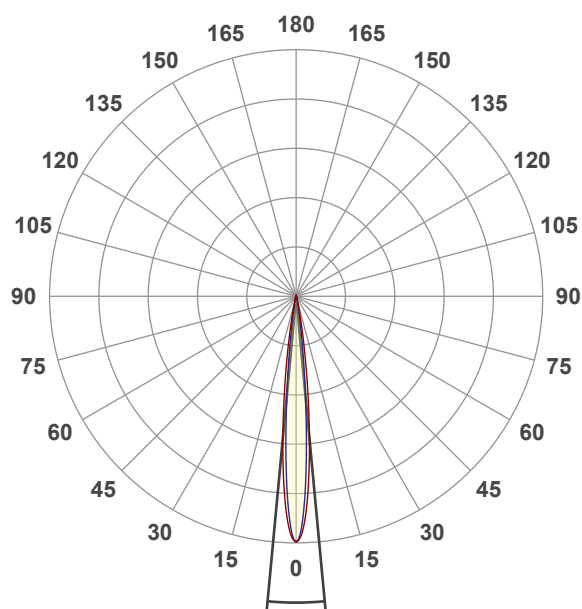
Green

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:19:17

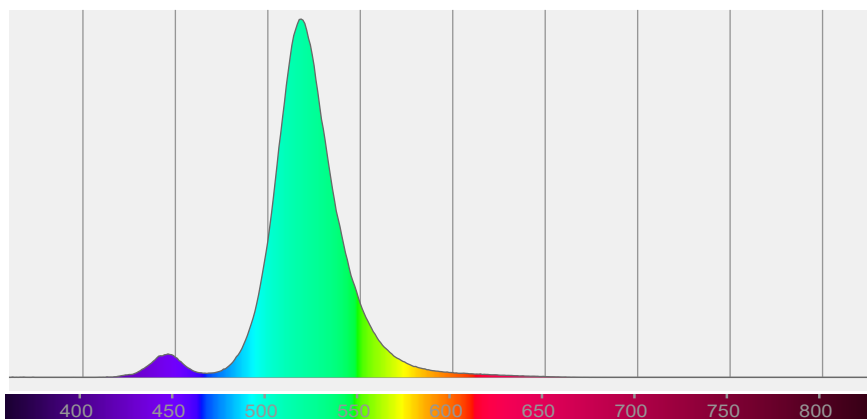


Beam angle 50%: 10,7°

Field angle 10%: 19,9°

Cut off angle 2.5%: 27,6°

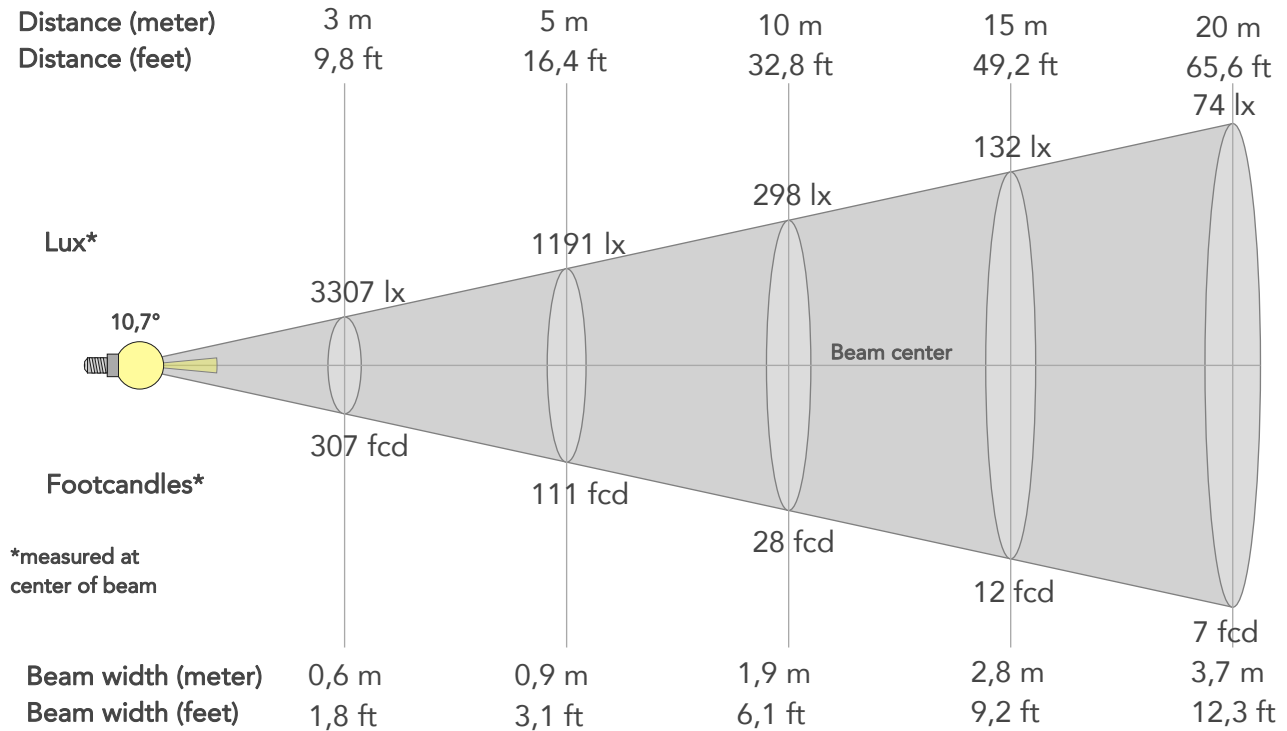
**Spectra**



# BEAM DETAILS



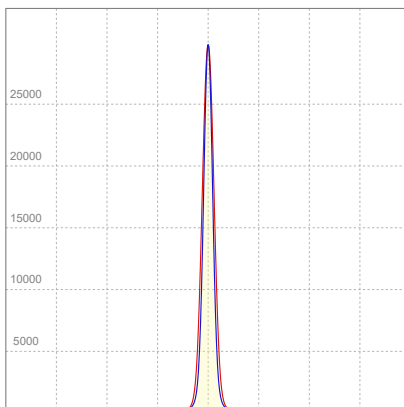
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,7°	19,9°	27,6°	100,0%	100,0%



## 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	29767lx	7442lx	3307lx	1860lx	1191lx	529lx	298lx	132lx	74lx	48lx	33lx	19lx	12lx
Footcand.	2765fcd	691fcd	307fcd	173fcd	111fcd	49fcd	28fcd	12fcd	7fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,2m	0,4m	0,6m	0,7m	0,9m	1,4m	1,9m	2,8m	3,7m	4,7m	5,6m	7,5m	9,4m
Beam wid.	0,6ft	1,2ft	1,8ft	2,5ft	3,1ft	4,6ft	6,1ft	9,2ft	12,3ft	15,4ft	18,4ft	24,6ft	30,7ft

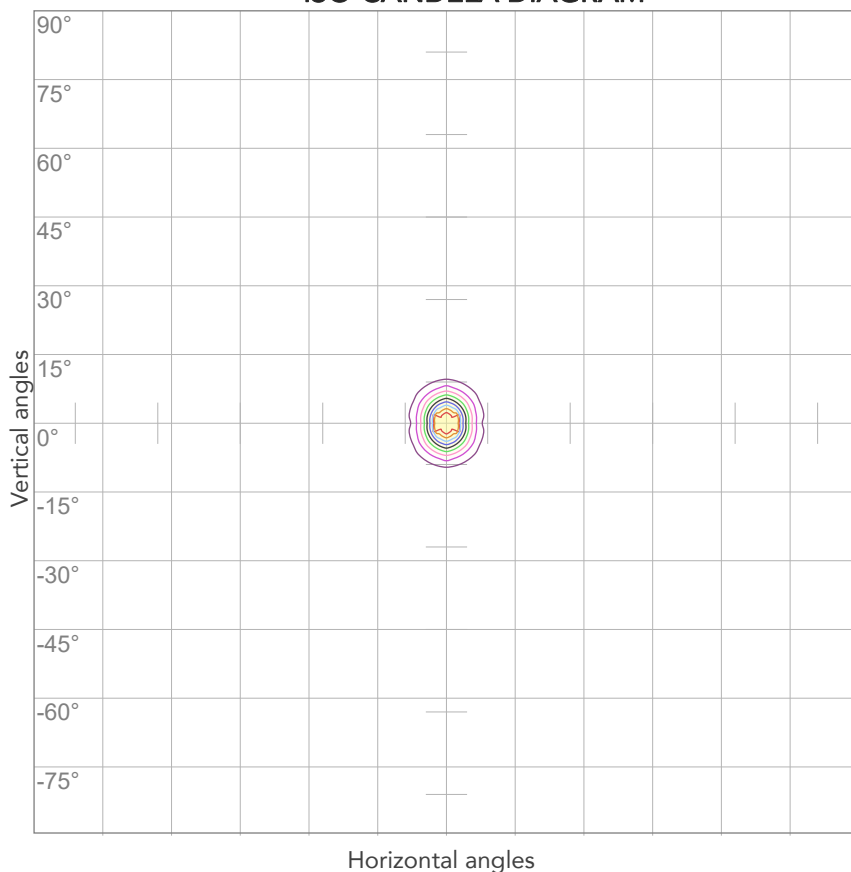
## LINEAR DISTRIBUTION DIAGRAM



## ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,277A	56,1W	23lm/W
Power FC			
0,9			

## ISO CANDELA DIAGRAM



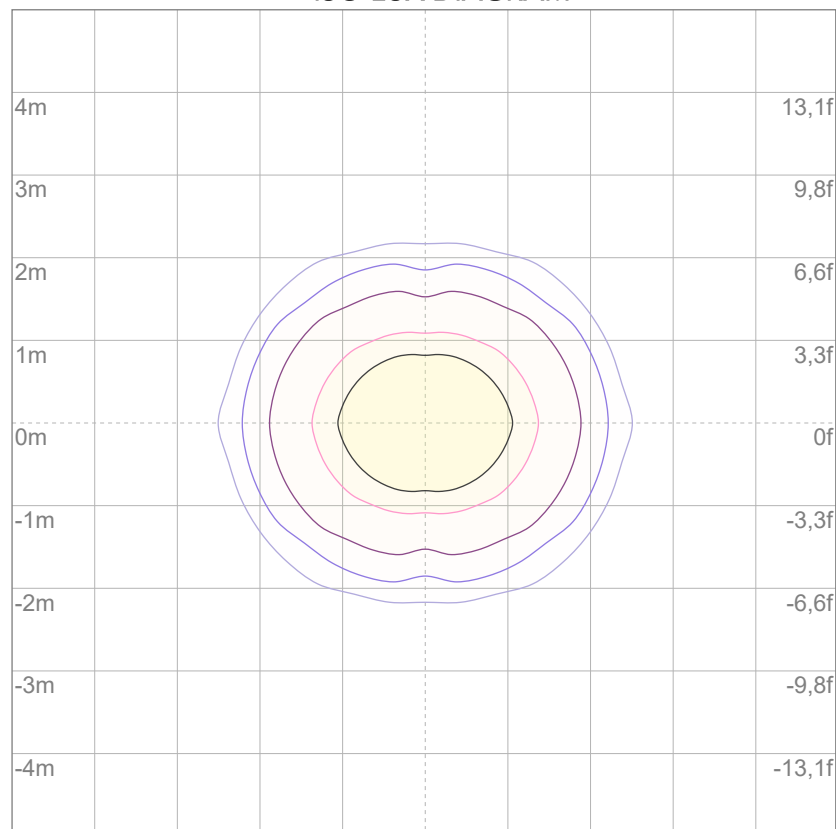
10%	2977 cd
20%	5953 cd
30%	8930 cd
40%	11907 cd
50%	14883 cd
60%	17860 cd
70%	20837 cd
80%	23813 cd

### Conditions:

Number of c-planes: 4

Candela at center: 29767 cd

## ISO LUX DIAGRAM



3%	8,93 lx
5%	14,9 lx
10%	29,8 lx
30%	89,3 lx
50%	149 lx

### Conditions:

Number of c-planes: 4

Lux at center: 298 lx

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

Total lumen output:

1472 lm

Peak candela output:

6597 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 20° Filter

Target:

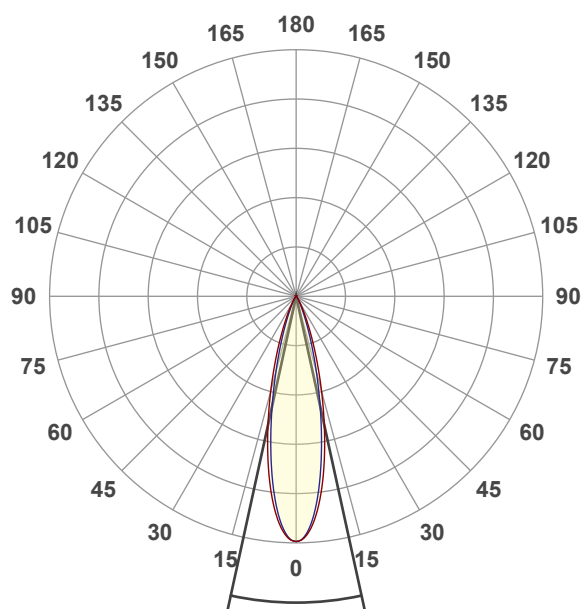
Green

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:22:11

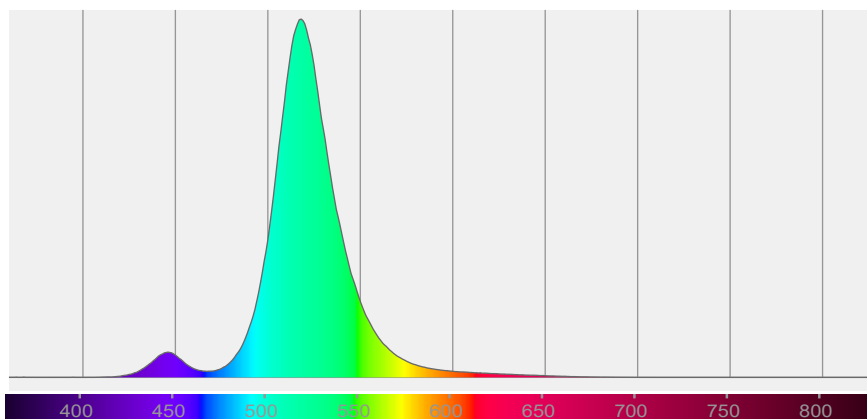


Beam angle 50%: 24,7°

Field angle 10%: 45,9°

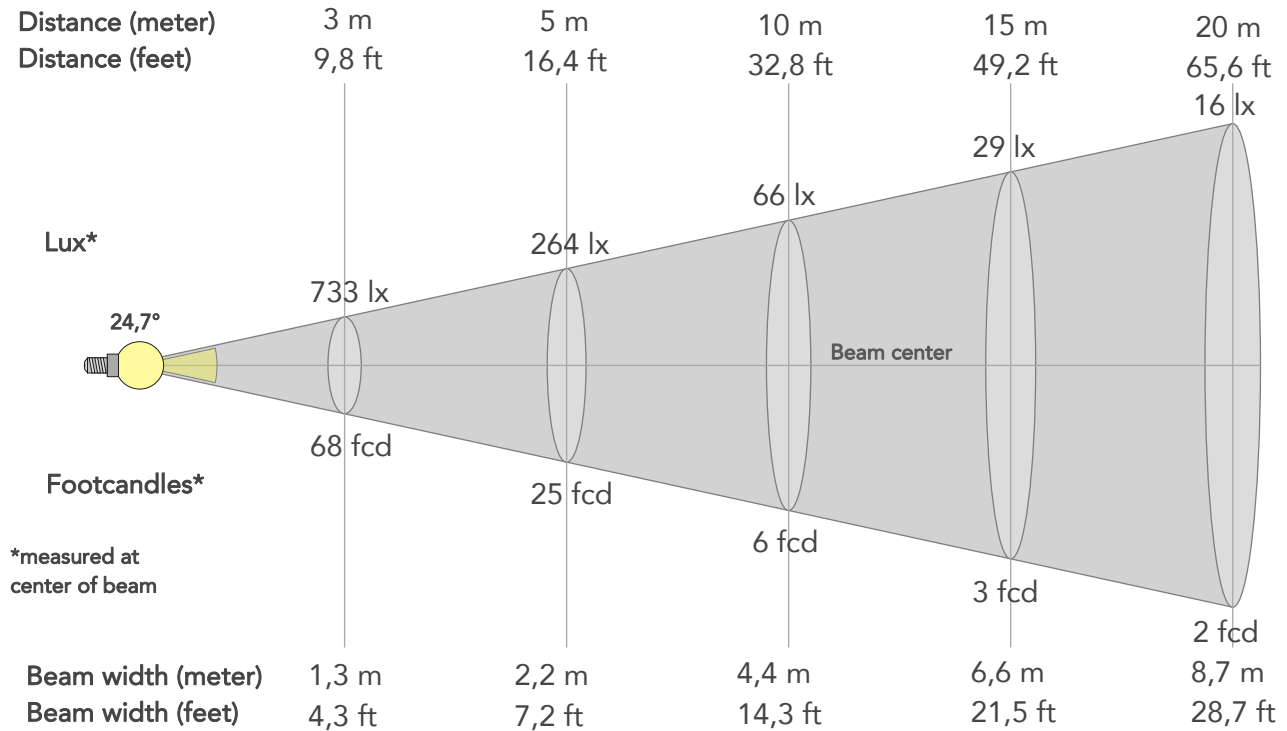
Cut off angle 2.5%: 61,2°

**Spectra**



## BEAM DETAILS

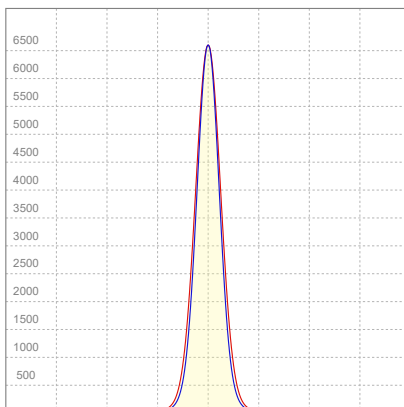
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24,7°	45,9°	61,2°	99,9%	98,9%



### 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	6596lx	1649lx	733lx	412lx	264lx	117lx	66lx	29lx	16lx	11lx	7lx	4lx	3lx
Footcand.	613fcd	153fcd	68fcd	38fcd	25fcd	11fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,4m	0,9m	1,3m	1,7m	2,2m	3,3m	4,4m	6,6m	8,7m	10,9m	13,1m	17,5m	21,9m
Beam wid.	1,4ft	2,9ft	4,3ft	5,7ft	7,2ft	10,8ft	14,3ft	21,5ft	28,7ft	35,8ft	43ft	57,3ft	71,7ft

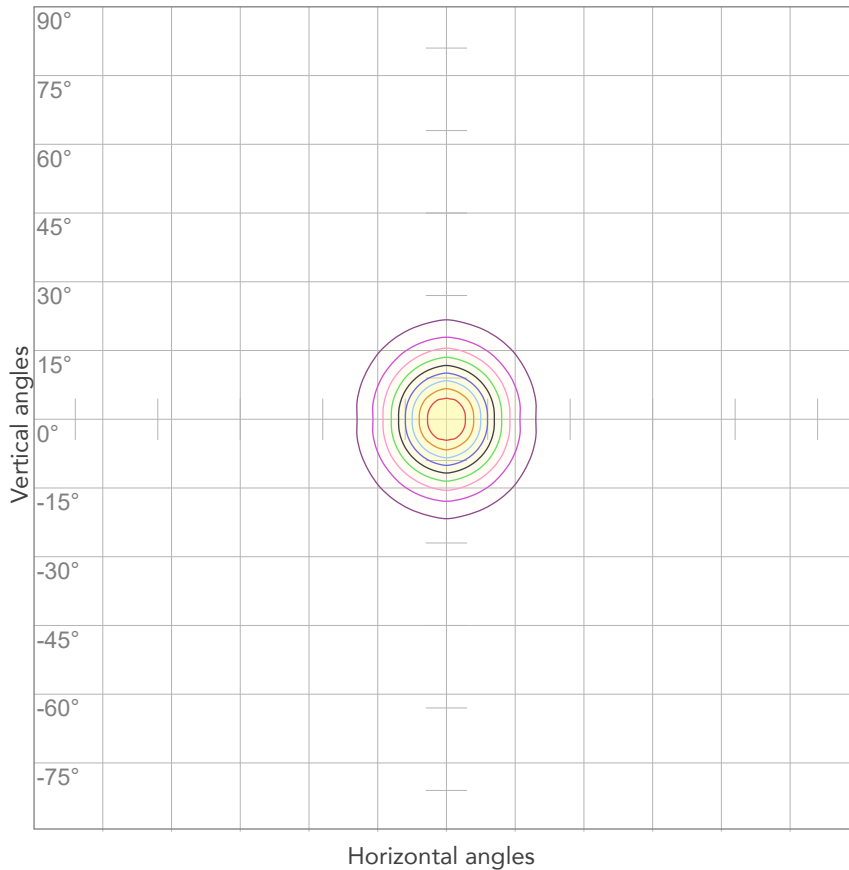
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,277A	56,1W	26lm/W
Power FC			
0,9			

## ISO CANDELA DIAGRAM



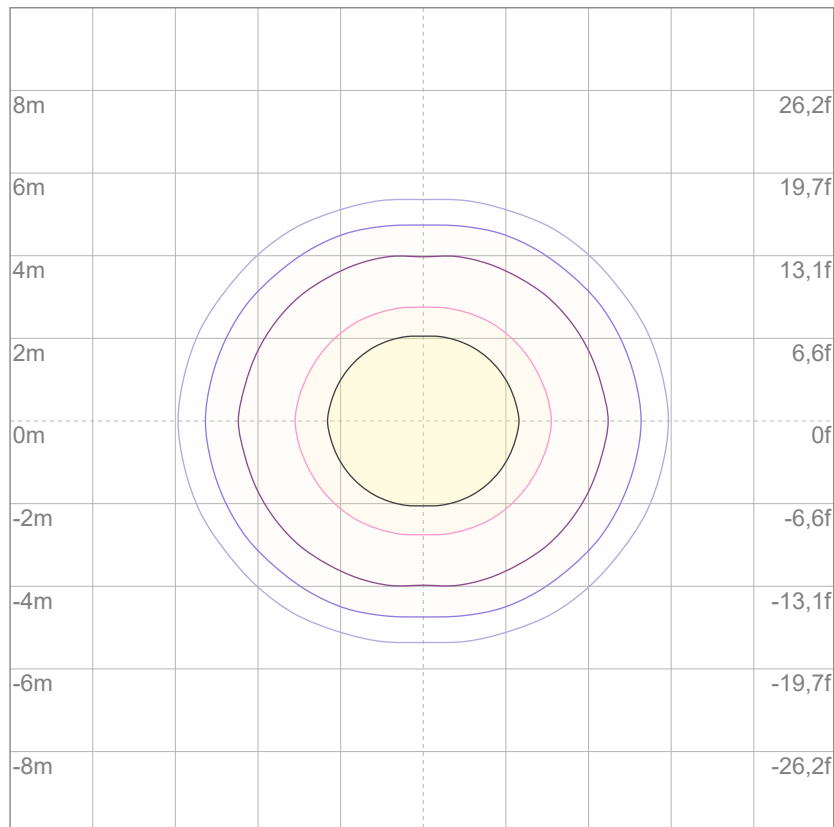
10%	660 cd
20%	1319 cd
30%	1979 cd
40%	2639 cd
50%	3298 cd
60%	3958 cd
70%	4618 cd
80%	5277 cd

### Conditions:

Number of c-planes: 4

Candela at center: 6596 cd

## ISO LUX DIAGRAM



3%	1,98 lx
5%	3,30 lx
10%	6,60 lx
30%	19,8 lx
50%	33,0 lx

### Conditions:

Number of c-planes: 4

Lux at center: 66,0 lx

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

Total lumen output:

1484 lm

Peak candela output:

2327 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 40° Filter

Target:

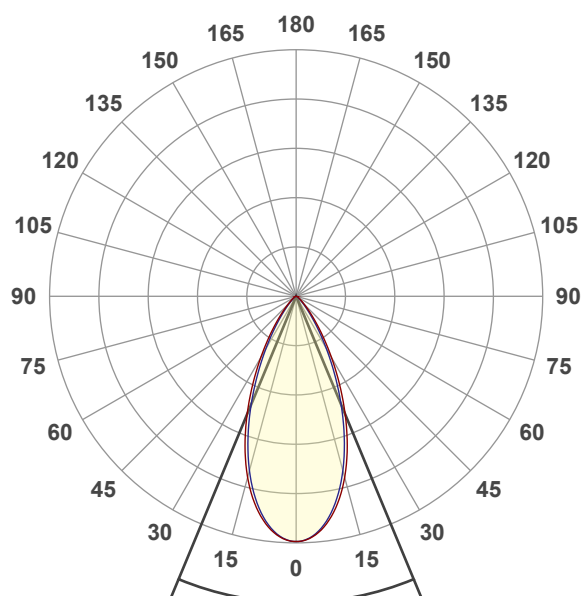
Green

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:26:24

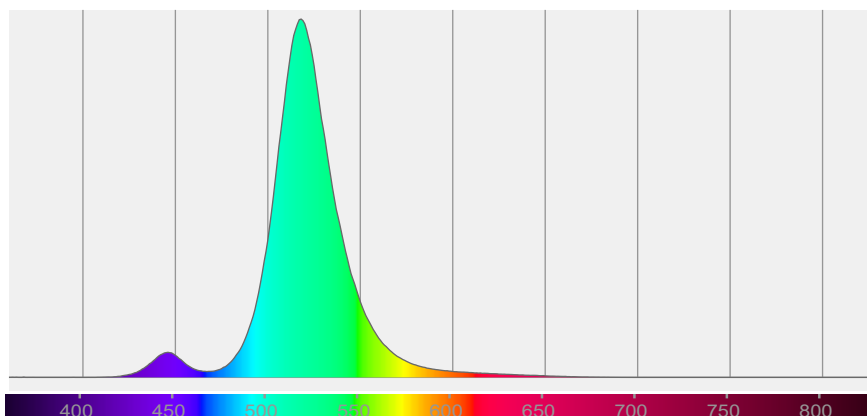


Beam angle 50%: 45,1°

Field angle 10%: 76,9°

Cut off angle 2.5%: 98,1°

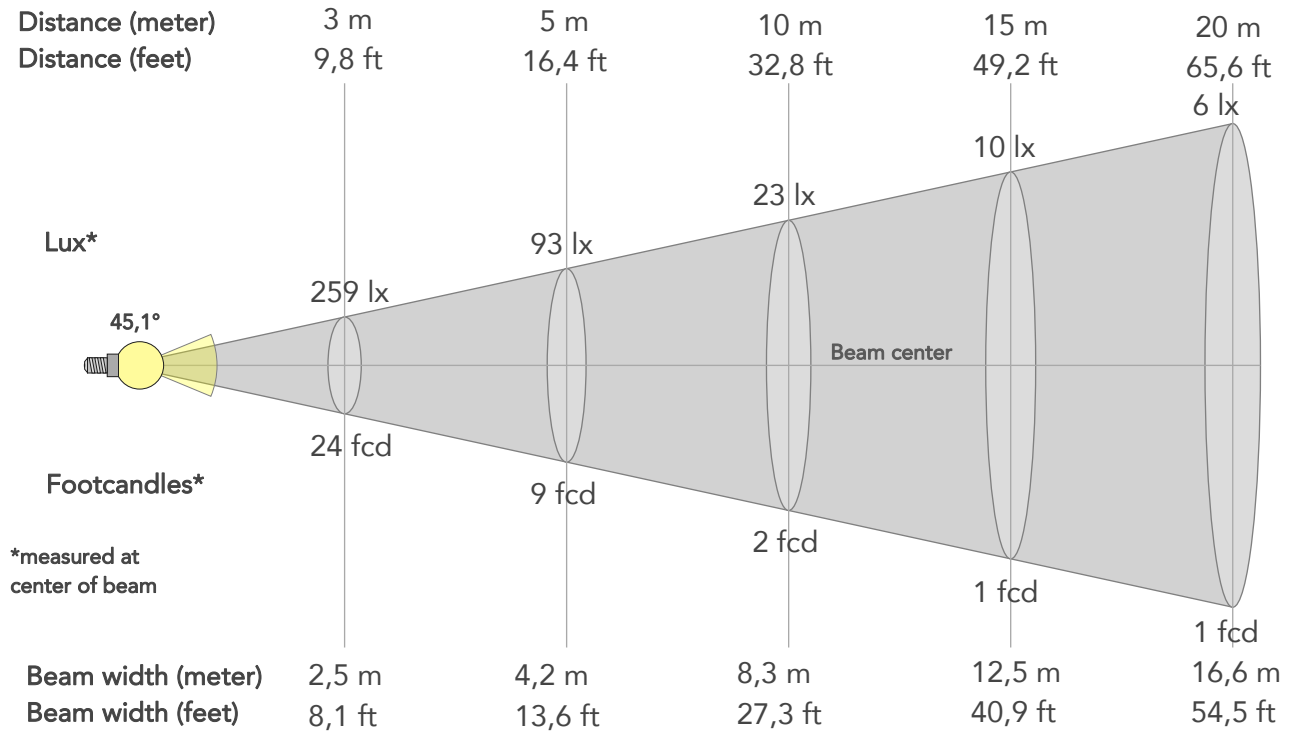
**Spectra**





## BEAM DETAILS

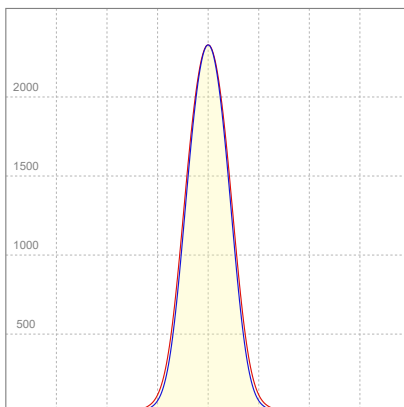
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,1°	76,9°	98,1°	99,1%	95,3%



### 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	2327lx	582lx	259lx	145lx	93lx	41lx	23lx	10lx	6lx	4lx	3lx	1lx	1lx
Footcand.	216fcd	54fcd	24fcd	14fcd	9fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,3m	4,2m	6,2m	8,3m	12,5m	16,6m	20,8m	24,9m	33,2m	41,6m
Beam wid.	2,7ft	5,5ft	8,1ft	10,9ft	13,6ft	20,4ft	27,3ft	40,9ft	54,5ft	68,1ft	81,8ft	109ft	136,3ft

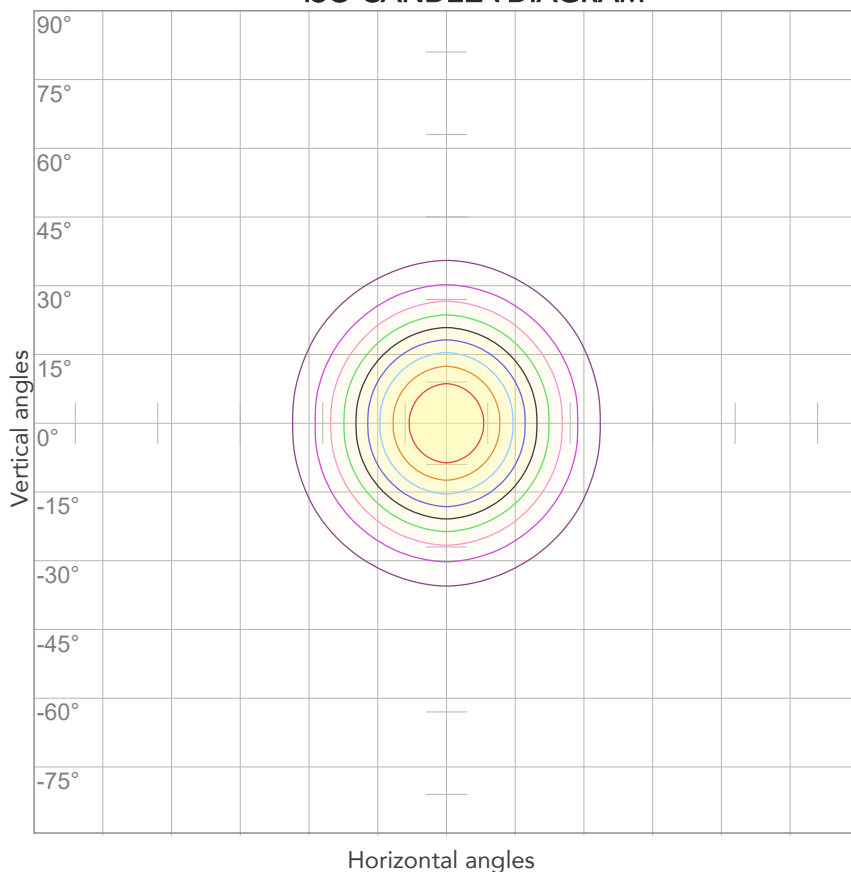
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,276A	56,0W	27lm/W
Power FC			
0,89			

## ISO CANDELA DIAGRAM



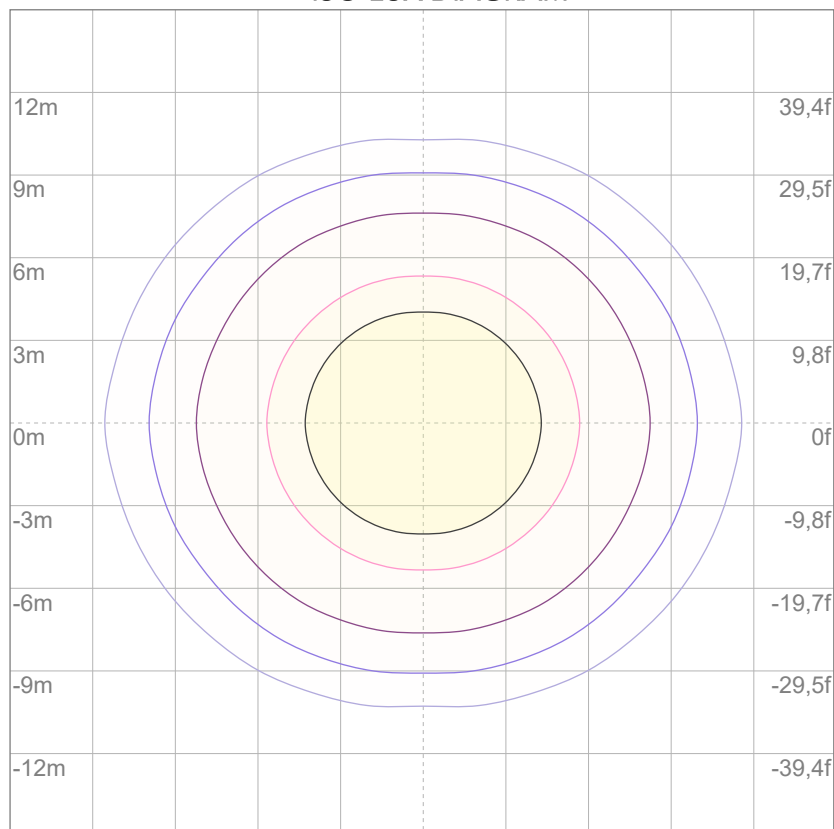
10%	233 cd
20%	465 cd
30%	698 cd
40%	931 cd
50%	1163 cd
60%	1396 cd
70%	1629 cd
80%	1862 cd

### Conditions:

Number of c-planes: 4

Candela at center: 2327 cd

## ISO LUX DIAGRAM



3%	0,698 lx
5%	1,16 lx
10%	2,33 lx
30%	6,98 lx
50%	11,6 lx

### Conditions:

Number of c-planes: 4

Lux at center: 23,3 lx

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

Total lumen output:

1502 lm

Peak candela output:

1744 cd



## PRODUCT NAME:

LUMIPIXXB050

## MEASURAMENT CONDITIONS:

Beam angle:

Native Optic + 60° Filter

Target:

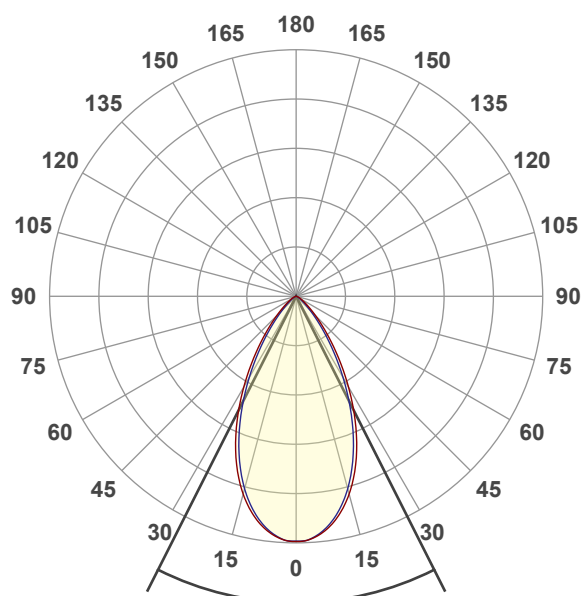
Green

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:29:18

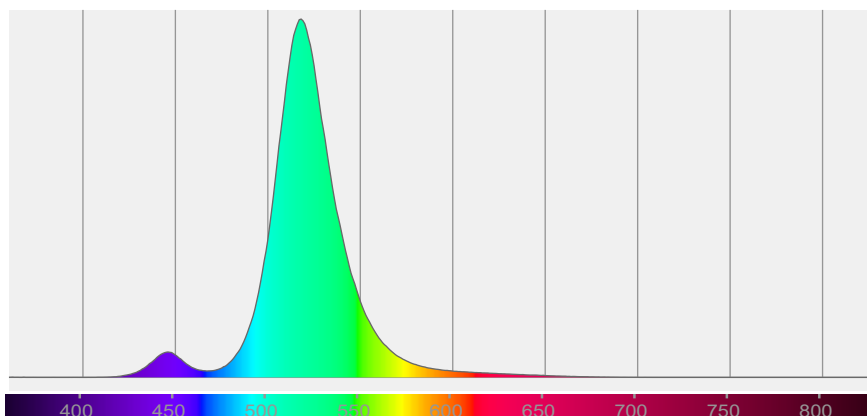


Beam angle 50%: 53,6°

Field angle 10%: 89,4°

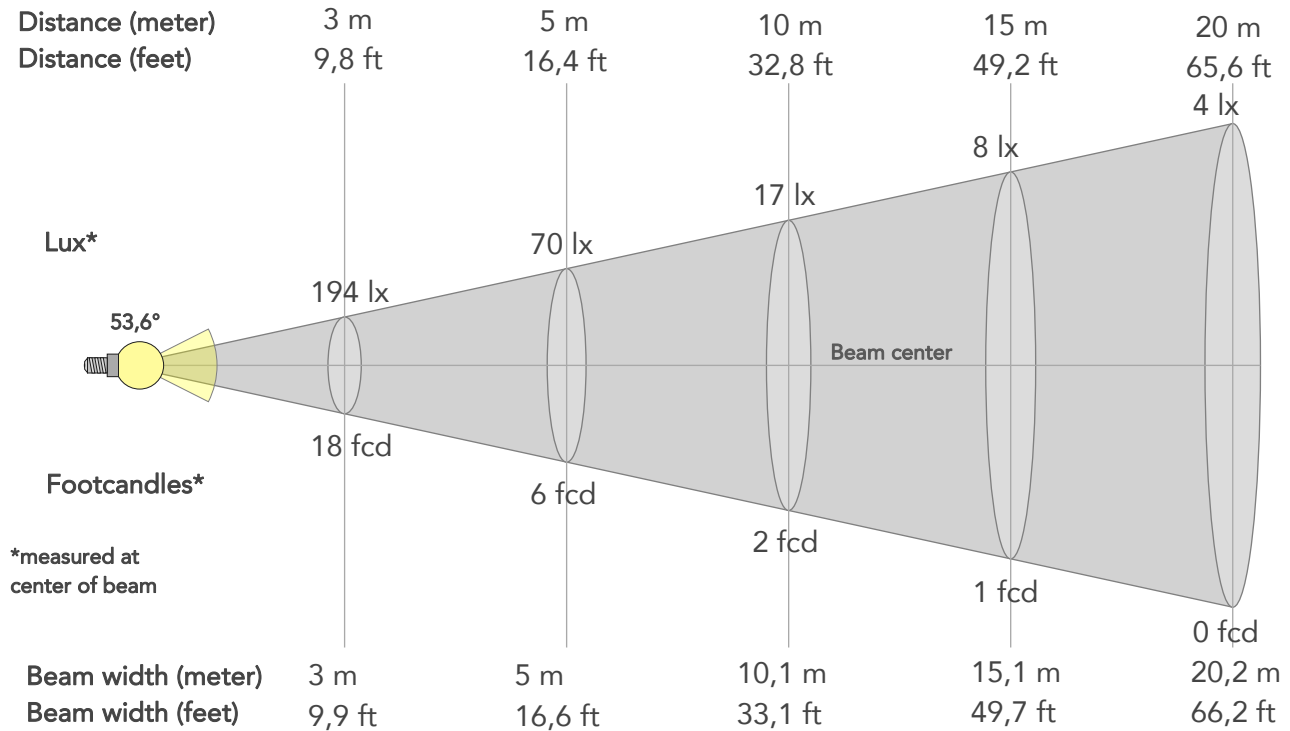
Cut off angle 2.5%: 113,5°

## Spectra



## BEAM DETAILS

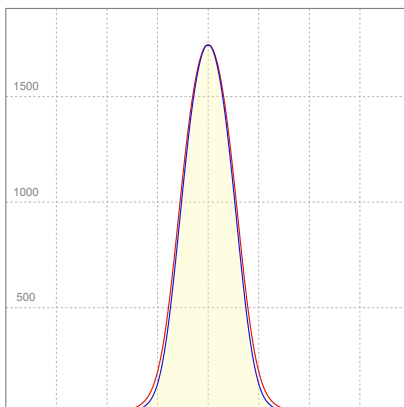
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
<b>53,6°</b>	<b>89,4°</b>	<b>113,5°</b>	<b>98,4%</b>	<b>91,7%</b>



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	1742lx	435lx	194lx	109lx	70lx	31lx	17lx	8lx	4lx	3lx	2lx	1lx	1lx
Footcand.	162fcd	40fcd	18fcd	10fcd	6fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2m	3m	4m	5m	7,6m	10,1m	15,1m	20,2m	25,2m	30,3m	40,4m	50,5m
Beam wid.	3,3ft	6,7ft	9,9ft	13,2ft	16,6ft	24,8ft	33,1ft	49,7ft	66,2ft	82,8ft	99,4ft	132,5ft	165,6ft

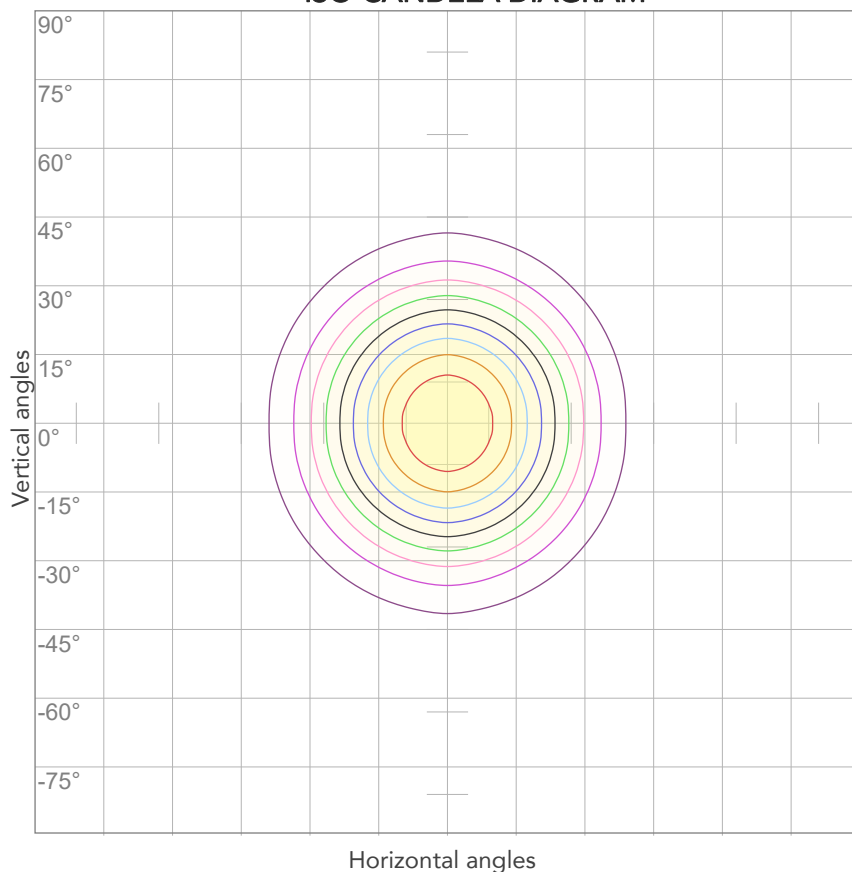
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
<b>227V</b>	<b>0,277A</b>	<b>56,2W</b>	<b>27lm/W</b>
Power FC			
<b>0,9</b>			

## ISO CANDELA DIAGRAM



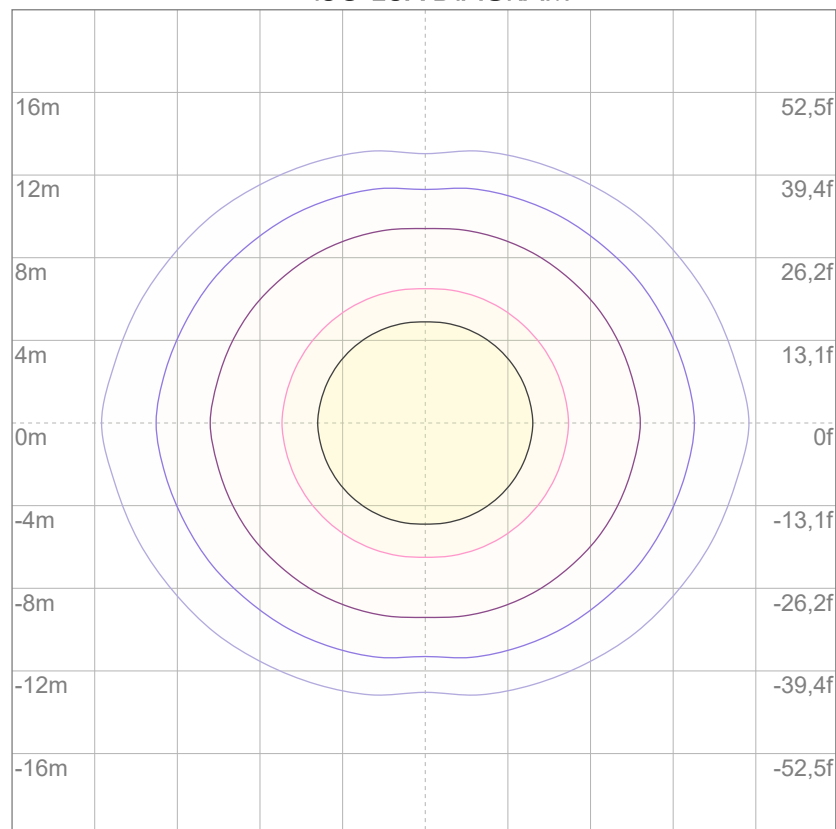
10%	174 cd
20%	348 cd
30%	523 cd
40%	697 cd
50%	871 cd
60%	1045 cd
70%	1219 cd
80%	1394 cd

### Conditions:

Number of c-planes: 4

Candela at center: 1742 cd

## ISO LUX DIAGRAM



3%	0,523 lx
5%	0,871 lx
10%	1,74 lx
30%	5,23 lx
50%	8,71 lx

### Conditions:

Number of c-planes: 4

Lux at center: 17,4 lx

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

Total lumen output:

368 lm

Peak candela output:

10834 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic No. Filter

Target:

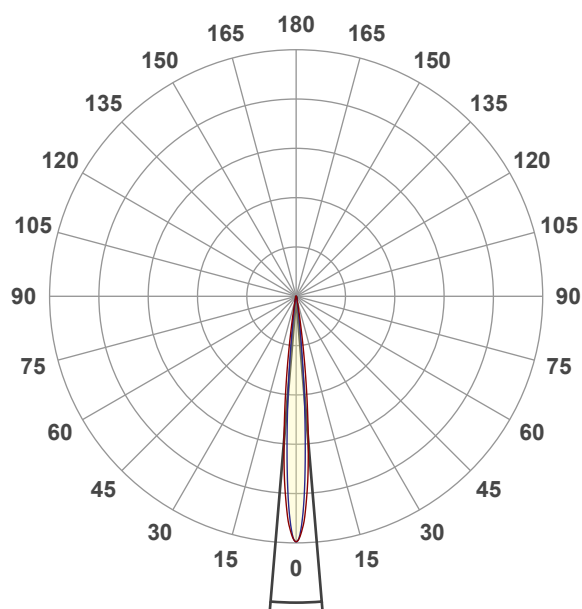
Blue

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:32:54

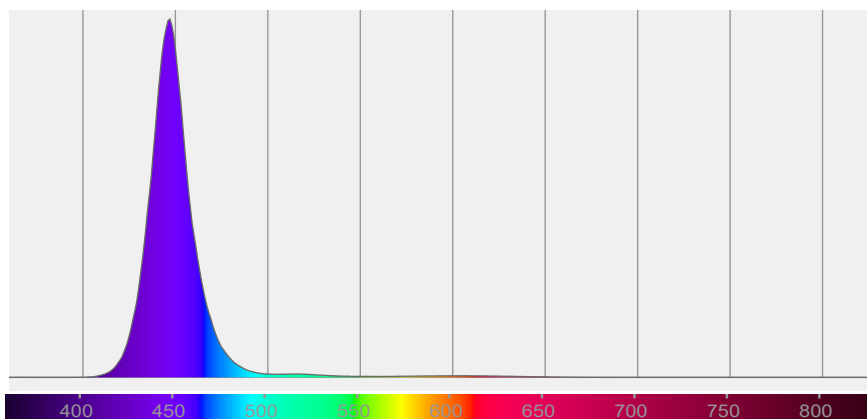


Beam angle 50%: 9,6°

Field angle 10%: 16,6°

Cut off angle 2.5%: 22,8°

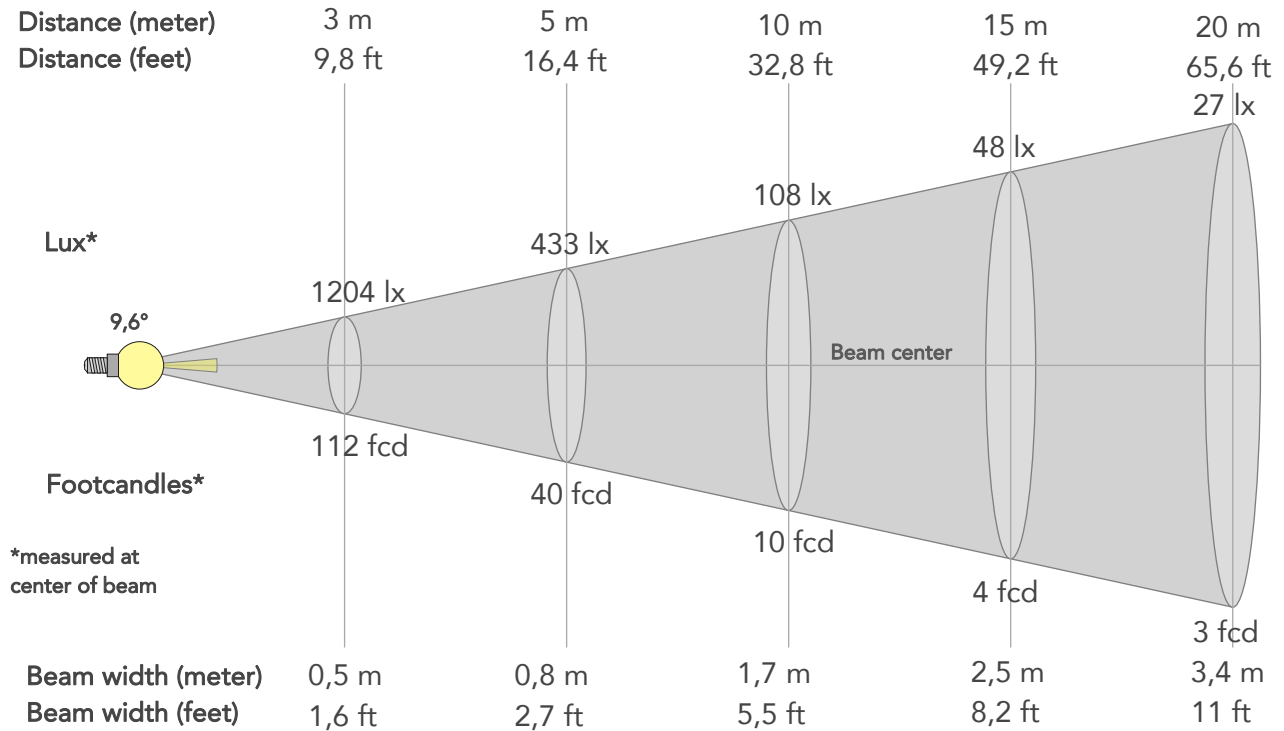
**Spectra**



# BEAM DETAILS



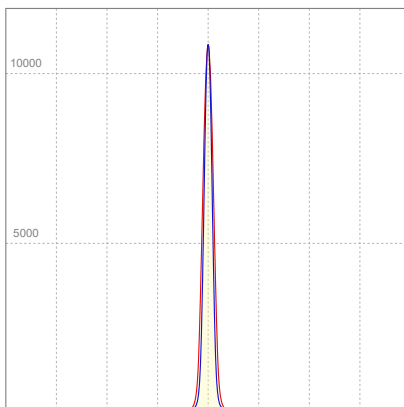
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,6°	16,6°	22,8°	99,9%	99,8%



## 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	10833lx	2708lx	1204lx	677lx	433lx	193lx	108lx	48lx	27lx	17lx	12lx	7lx	4lx
Footcand.	1006fcd	252fcd	112fcd	63fcd	40fcd	18fcd	10fcd	4fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,8m	1,3m	1,7m	2,5m	3,4m	4,2m	5m	6,7m	8,4m
Beam wid.	0,6ft	1,1ft	1,6ft	2,2ft	2,7ft	4,1ft	5,5ft	8,2ft	11ft	13,7ft	16,5ft	22ft	27,5ft

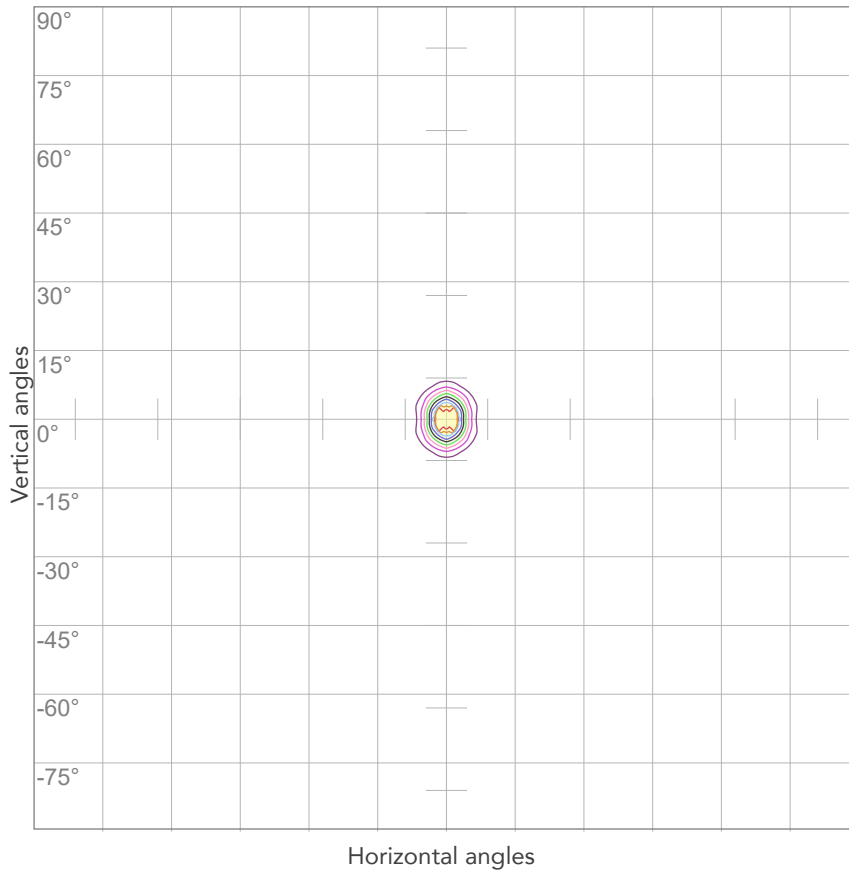
## LINEAR DISTRIBUTION DIAGRAM



## ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,278A	56,5W	7lm/W
Power FC			
0,89			

## ISO CANDELA DIAGRAM



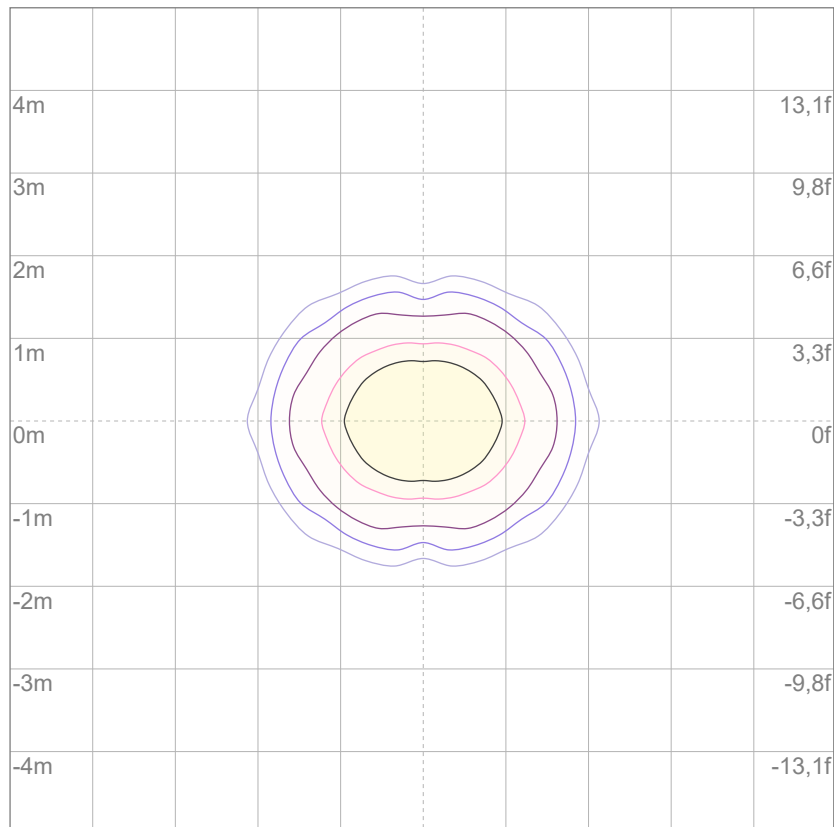
10%	1083 cd
20%	2167 cd
30%	3250 cd
40%	4333 cd
50%	5417 cd
60%	6500 cd
70%	7583 cd
80%	8667 cd

### Conditions:

Number of c-planes: 4

Candela at center: 10833 cd

## ISO LUX DIAGRAM



3%	3,25 lx
5%	5,42 lx
10%	10,8 lx
30%	32,5 lx
50%	54,2 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:

349 lm

Peak candela output:

8436 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + Smooth 5° Filter

Target:

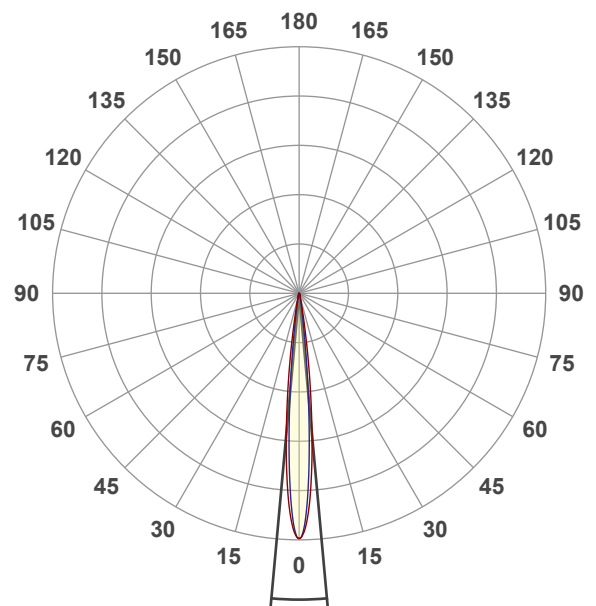
Blue

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:35:57

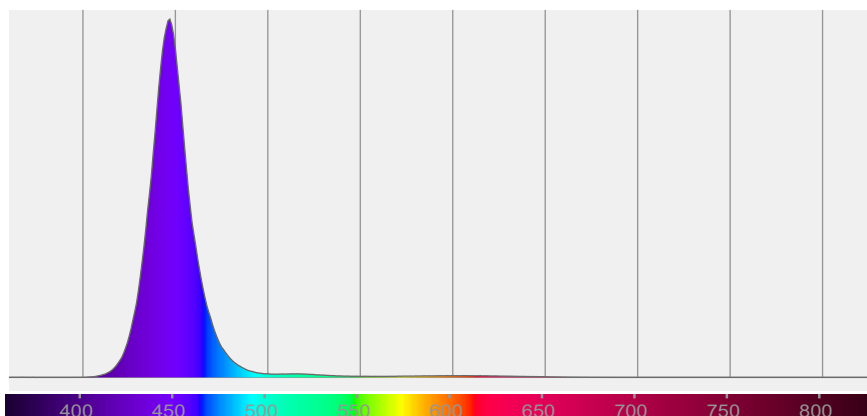


Beam angle 50%: 10,4°

Field angle 10%: 18,4°

Cut off angle 2.5%: 26°

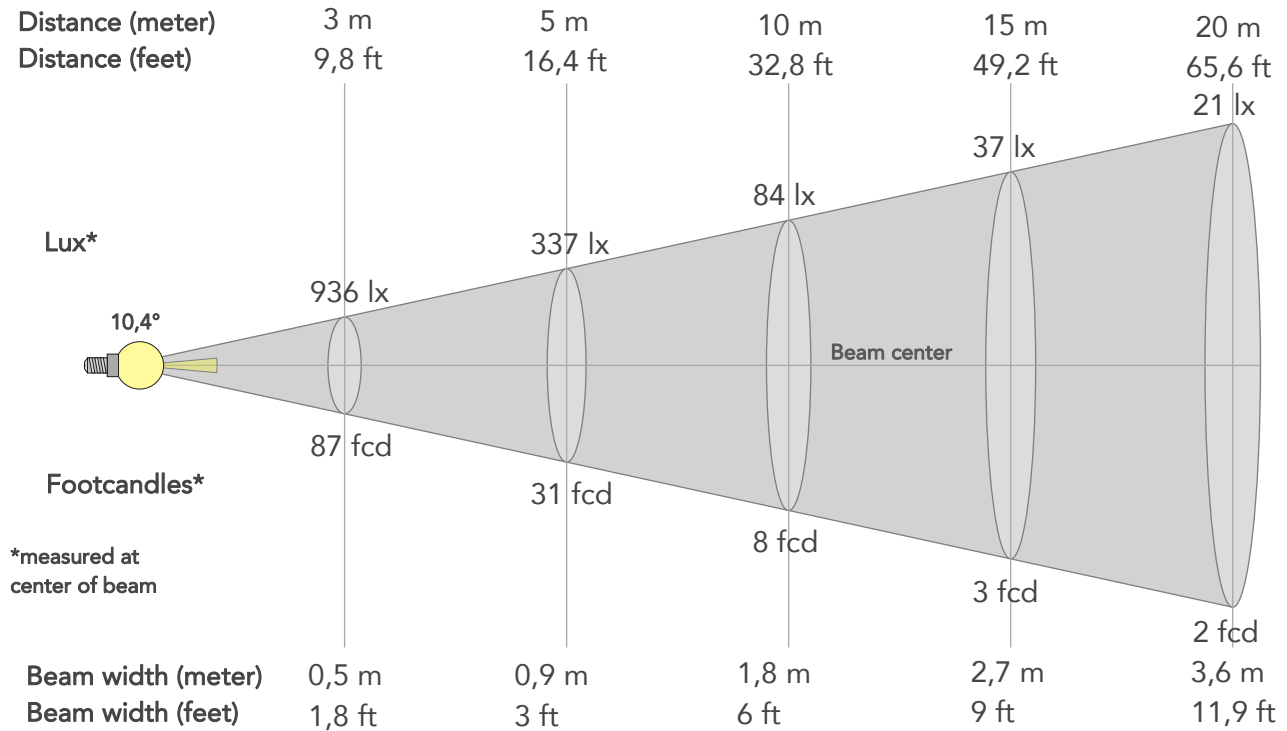
**Spectra**



## BEAM DETAILS



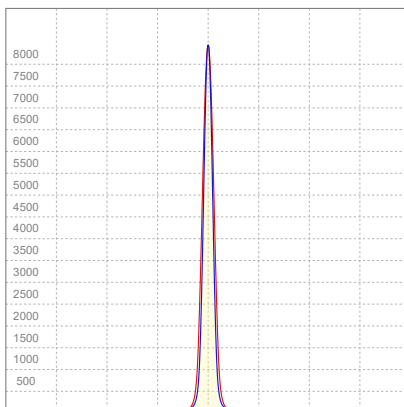
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,4°	18,4°	26°	99,9%	99,7%



### 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	8425lx	2106lx	936lx	527lx	337lx	150lx	84lx	37lx	21lx	13lx	9lx	5lx	3lx
Footcand.	783fcd	196fcd	87fcd	49fcd	31fcd	14fcd	8fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,2m	0,4m	0,5m	0,7m	0,9m	1,4m	1,8m	2,7m	3,6m	4,6m	5,5m	7,3m	9,1m
Beam wid.	0,6ft	1,2ft	1,8ft	2,4ft	3ft	4,5ft	6ft	9ft	11,9ft	14,9ft	17,9ft	23,9ft	29,9ft

### LINEAR DISTRIBUTION DIAGRAM

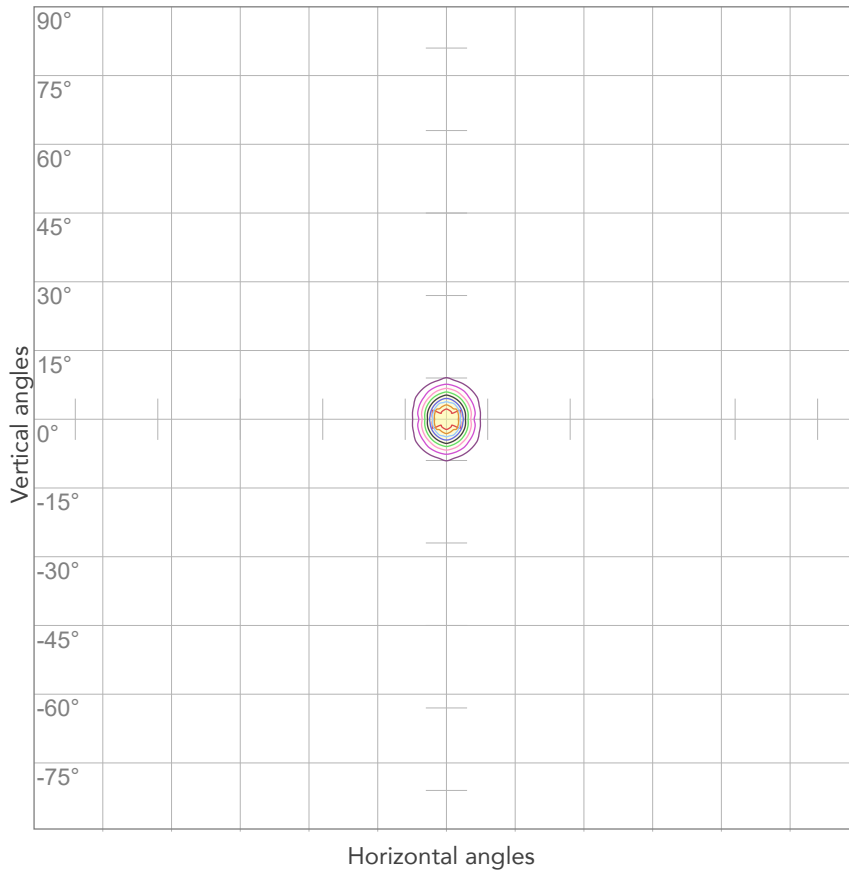


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,278A	56,5W	6lm/W

Power FC
0,9

## ISO CANDELA DIAGRAM



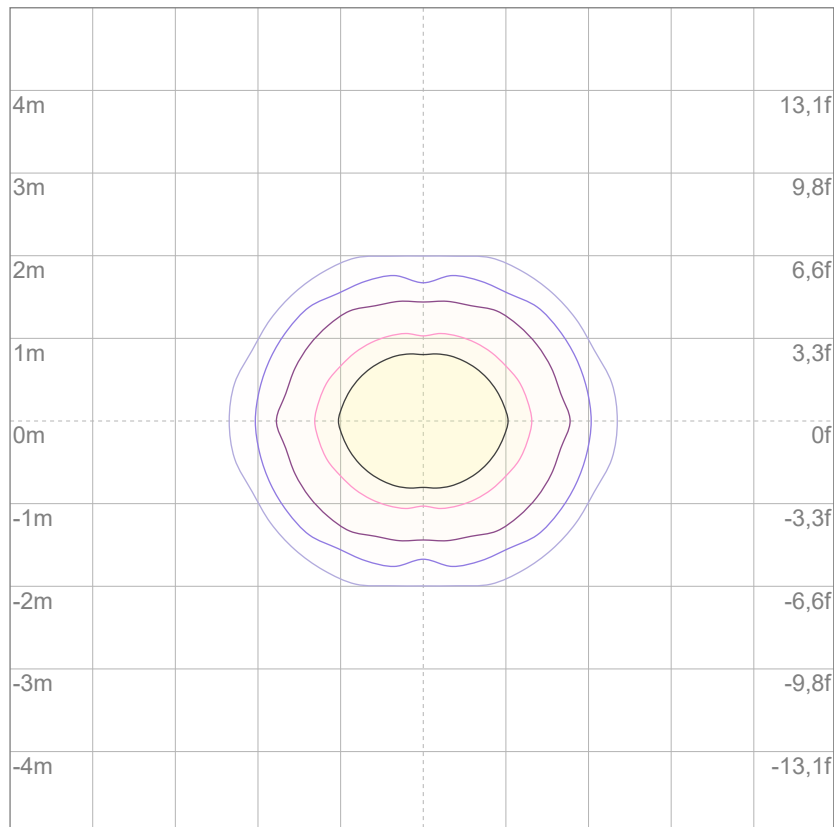
10%	843 cd
20%	1685 cd
30%	2528 cd
40%	3370 cd
50%	4213 cd
60%	5055 cd
70%	5898 cd
80%	6740 cd

### Conditions:

Number of c-planes: 4

Candela at center: 8425 cd

## ISO LUX DIAGRAM



3%	2,53 lx
5%	4,21 lx
10%	8,43 lx
30%	25,3 lx
50%	42,1 lx

### Conditions:

Number of c-planes: 4

Lux at center: 84,3 lx

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

Total lumen output:

349 lm

Peak candela output:

1802 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 20° Filter

Target:

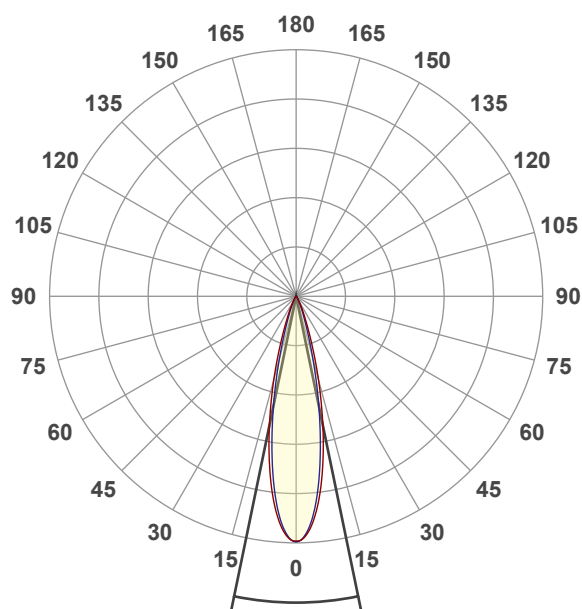
Blue

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:39:28

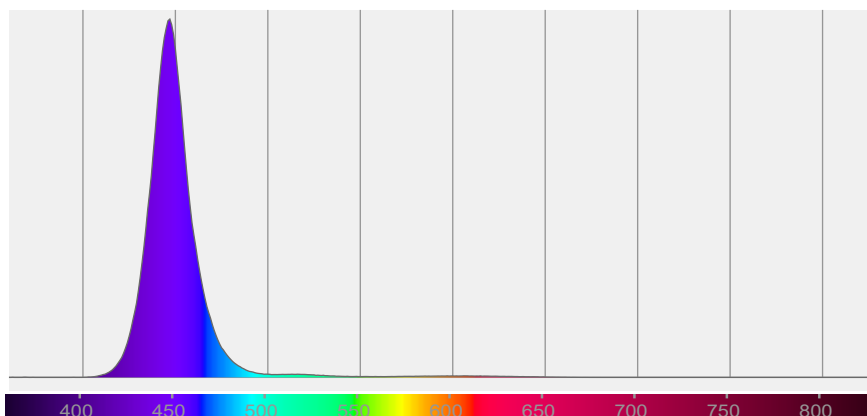


Beam angle 50%: 23,4°

Field angle 10%: 41,8°

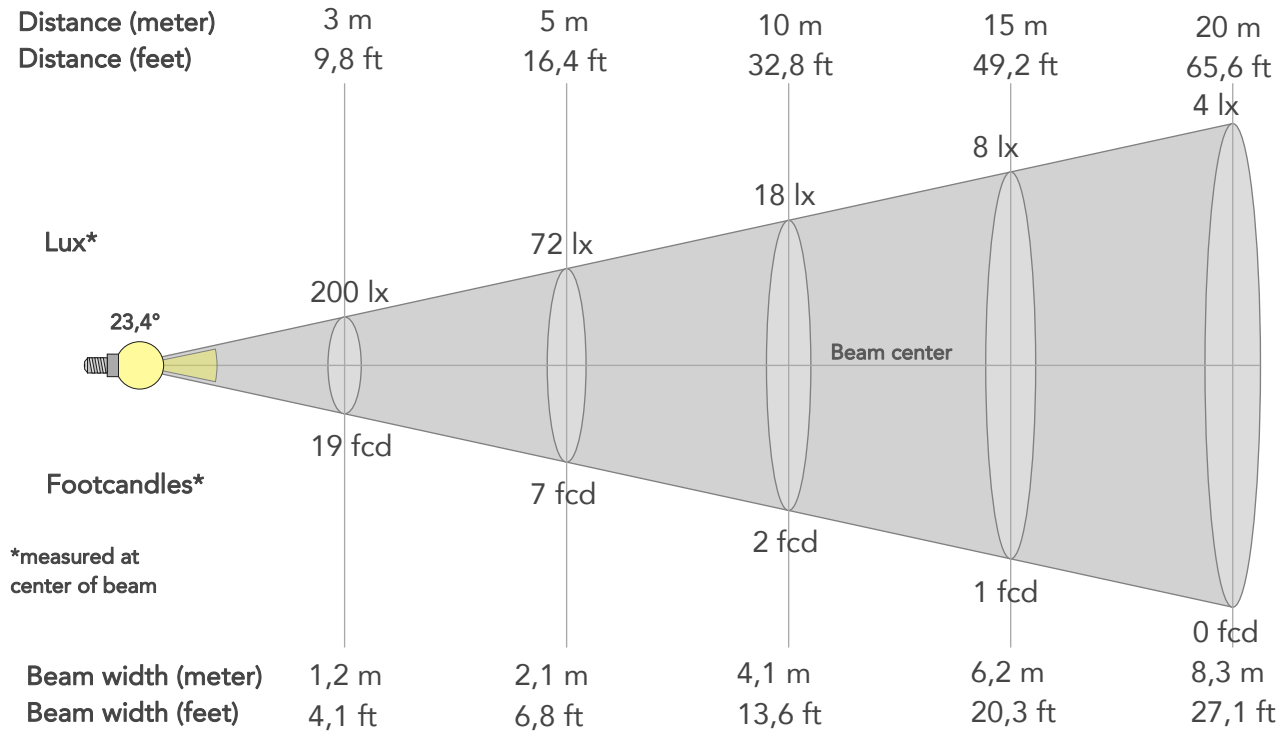
Cut off angle 2.5%: 56,7°

**Spectra**



## BEAM DETAILS

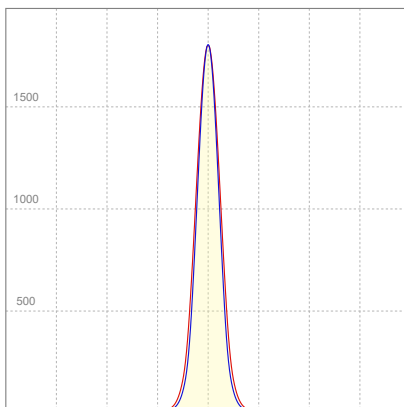
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,4°	41,8°	56,7°	99,8%	98,8%



### 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	1799lx	450lx	200lx	112lx	72lx	32lx	18lx	8lx	4lx	3lx	2lx	1lx	1lx
Footcand.	167fcd	42fcd	19fcd	10fcd	7fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,4m	0,8m	1,2m	1,7m	2,1m	3,1m	4,1m	6,2m	8,3m	10,3m	12,4m	16,5m	20,7m
Beam wid.	1,4ft	2,7ft	4,1ft	5,4ft	6,8ft	10,2ft	13,6ft	20,3ft	27,1ft	33,9ft	40,7ft	54,3ft	67,8ft

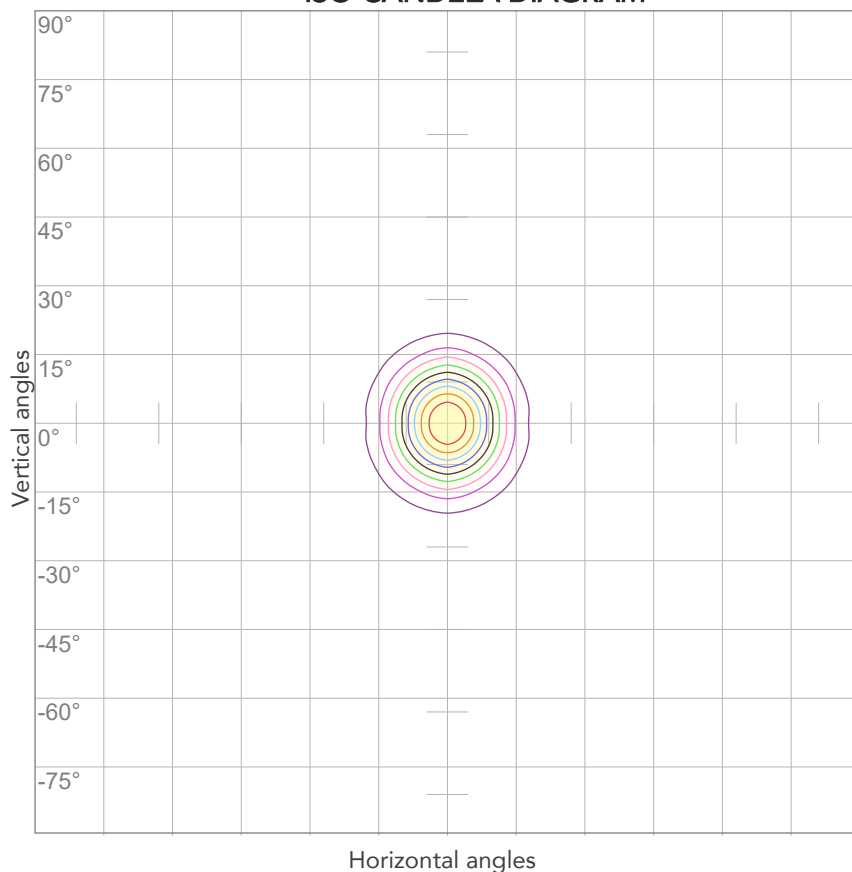
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,279A	56,7W	6lm/W
Power FC			
0,9			

## ISO CANDELA DIAGRAM



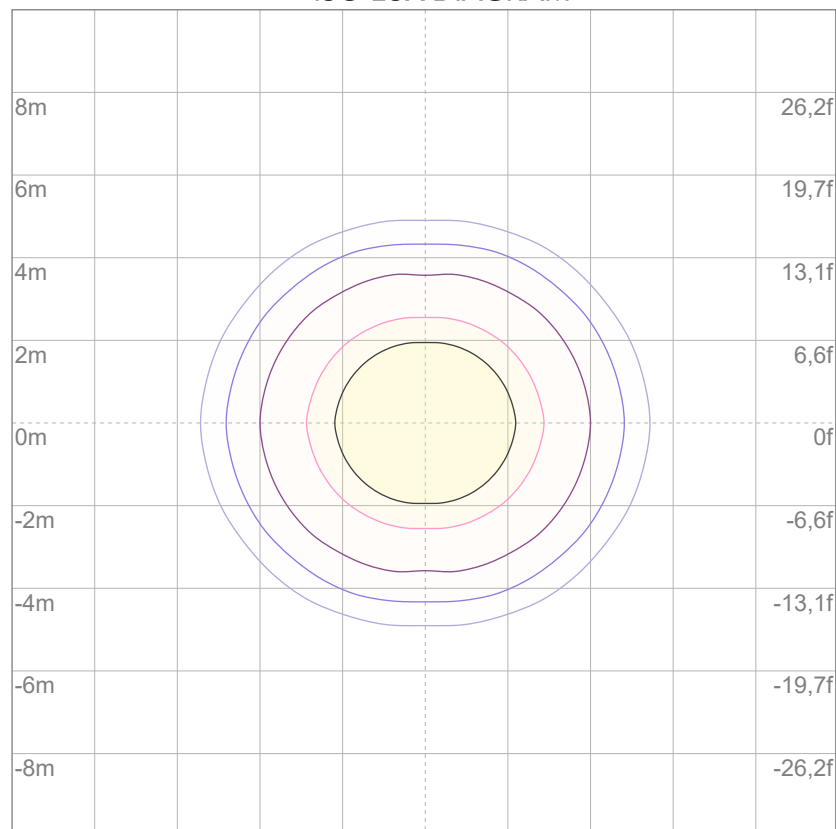
10%	180 cd
20%	360 cd
30%	540 cd
40%	720 cd
50%	900 cd
60%	1080 cd
70%	1260 cd
80%	1440 cd

### Conditions:

Number of c-planes: 4

Candela at center: 1799 cd

## ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,540 lx
5%	0,900 lx
10%	1,80 lx
30%	5,40 lx
50%	9,00 lx

### Conditions:

Number of c-planes: 4

Lux at center: 18,0 lx

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

Total lumen output:

387 lm

Peak candela output:

657 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 40° Filter

Target:

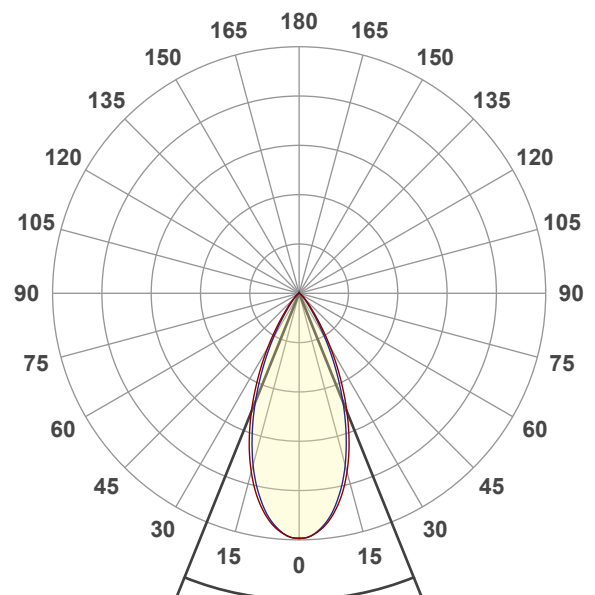
Blue

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:42:34

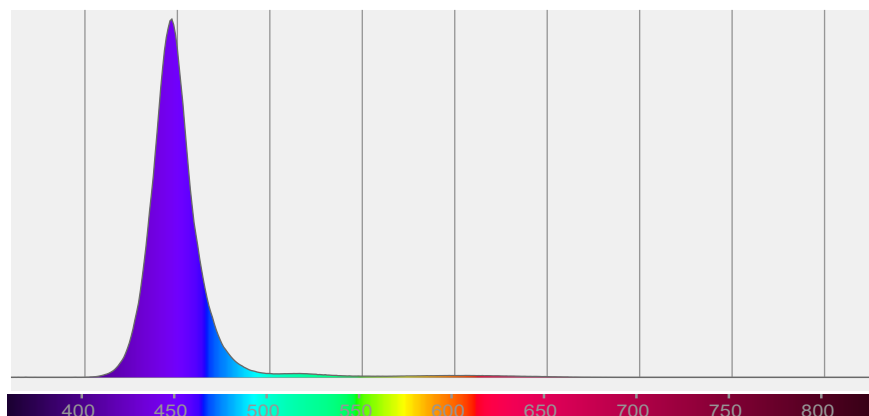


Beam angle 50%: 44°

Field angle 10%: 72,3°

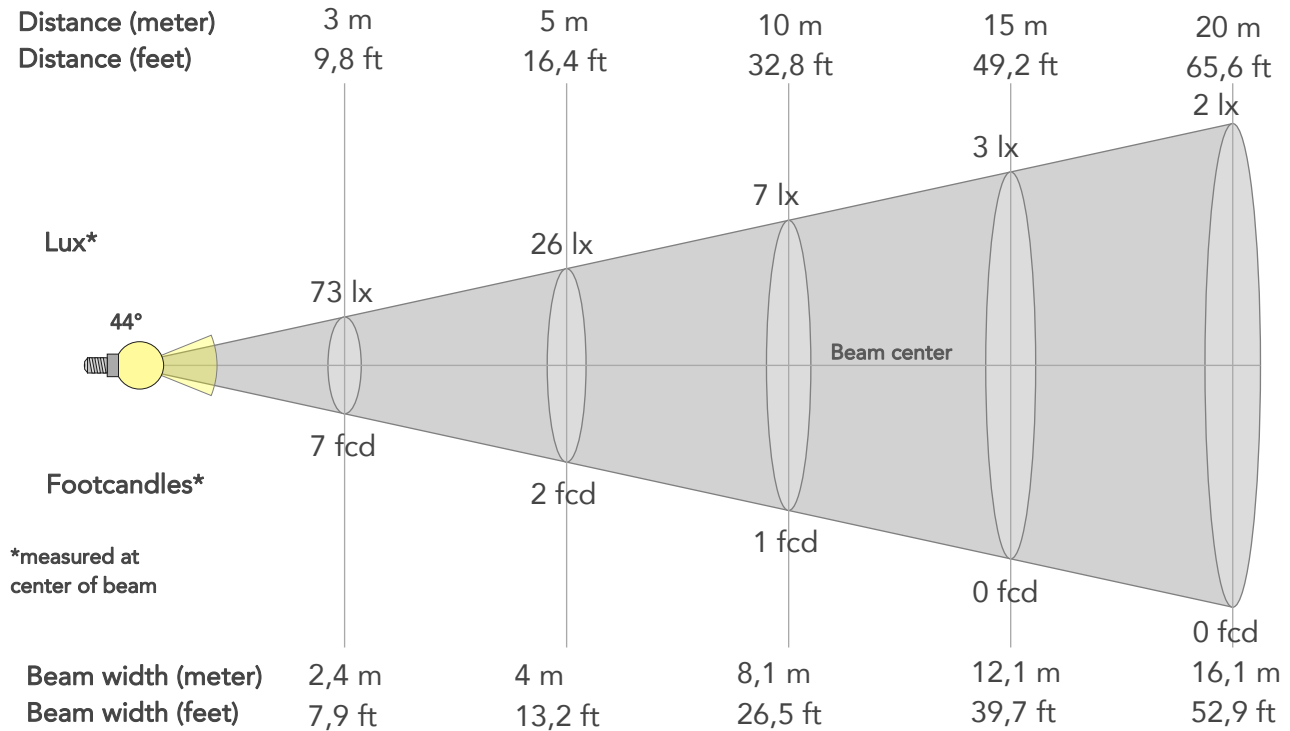
Cut off angle 2.5%: 92,7°

**Spectra**



## BEAM DETAILS

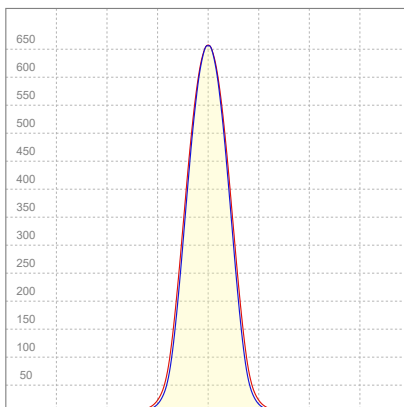
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44°	72,3°	92,7°	99,1%	96,0%



### 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	657lx	164lx	73lx	41lx	26lx	12lx	7lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	61fcd	15fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,6m	2,4m	3,2m	4m	6,1m	8,1m	12,1m	16,1m	20,2m	24,2m	32,3m	40,4m
Beam wid.	2,7ft	5,3ft	7,9ft	10,6ft	13,2ft	19,9ft	26,5ft	39,7ft	52,9ft	66,2ft	79,4ft	105,9ft	132,4ft

### LINEAR DISTRIBUTION DIAGRAM



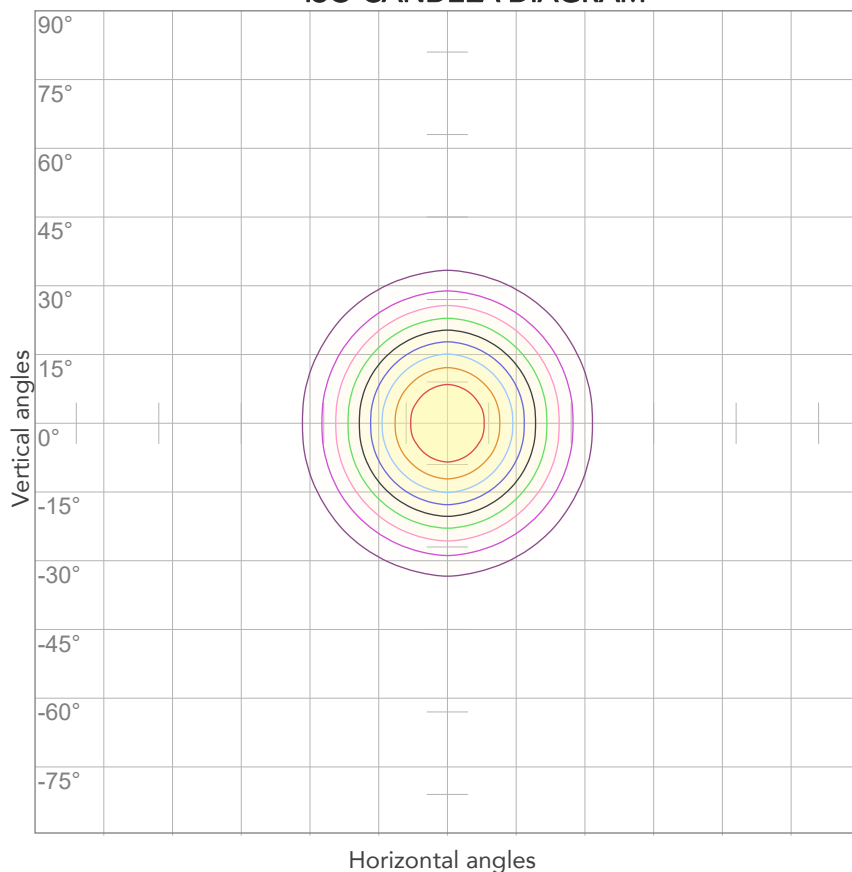
### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,280A	56,8W	7lm/W

Power FC
0,9



## ISO CANDELA DIAGRAM



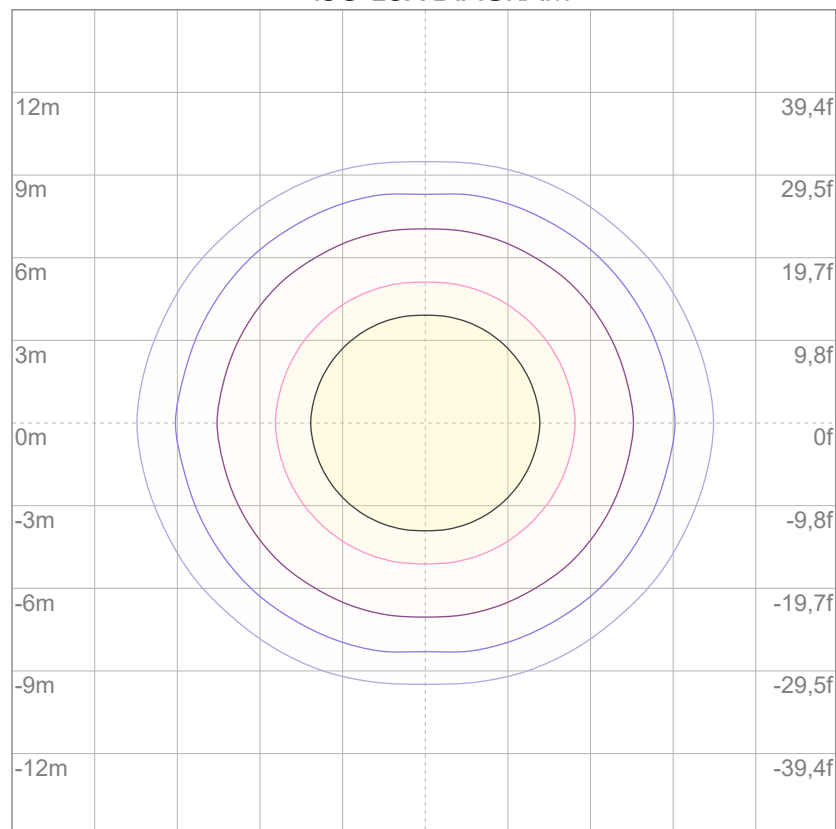
10%	66 cd
20%	131 cd
30%	197 cd
40%	263 cd
50%	328 cd
60%	394 cd
70%	460 cd
80%	525 cd

### Conditions:

Number of c-planes: 4

Candela at center: 657 cd

## ISO LUX DIAGRAM



3%	0,197 lx
5%	0,328 lx
10%	0,657 lx
30%	1,97 lx
50%	3,28 lx

### Conditions:

Number of c-planes: 4

Lux at center: 6,57 lx

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

Total lumen output:

392 lm

Peak candela output:

495 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 60° Filter

Target:

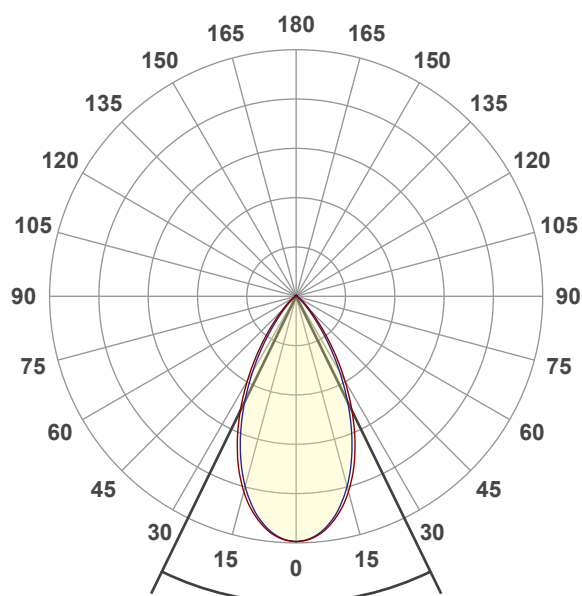
Blue

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:45:38

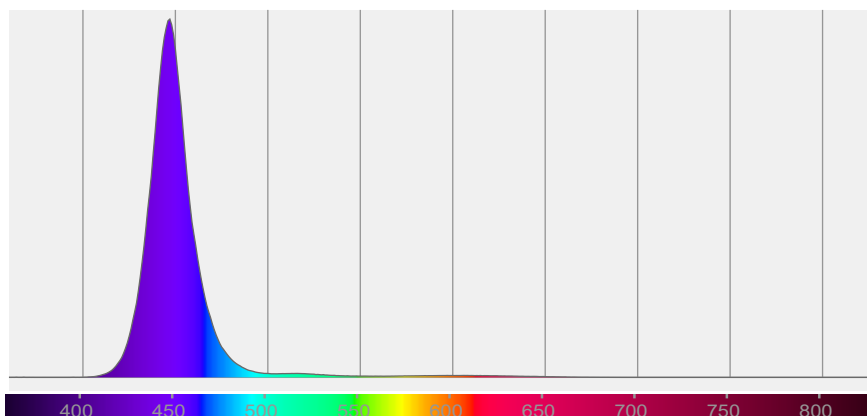


Beam angle 50%: 52°

Field angle 10%: 84°

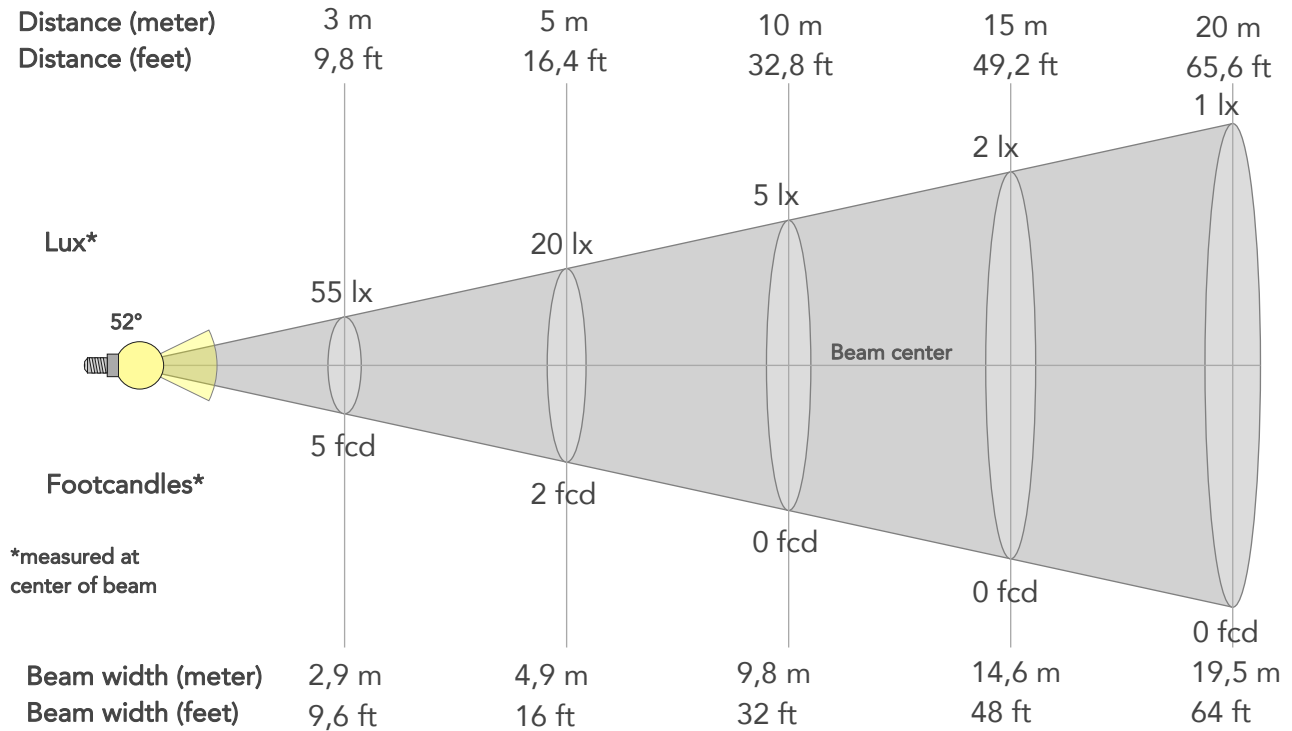
Cut off angle 2.5%: 106,7°

**Spectra**



## BEAM DETAILS

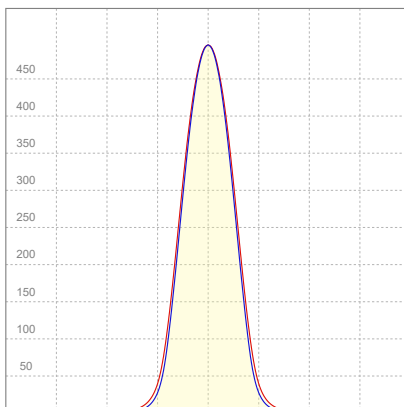
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
52°	84°	106,7°	98,7%	93,7%



### 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	495lx	124lx	55lx	31lx	20lx	9lx	5lx	2lx	1lx	1lx	1lx	0lx	0lx
Footcand.	46fcd	12fcd	5fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2m	2,9m	3,9m	4,9m	7,3m	9,8m	14,6m	19,5m	24,4m	29,3m	39m	48,8m
Beam wid.	3,2ft	6,4ft	9,6ft	12,8ft	16ft	24ft	32ft	48ft	64ft	80ft	96ft	128ft	160ft

### LINEAR DISTRIBUTION DIAGRAM

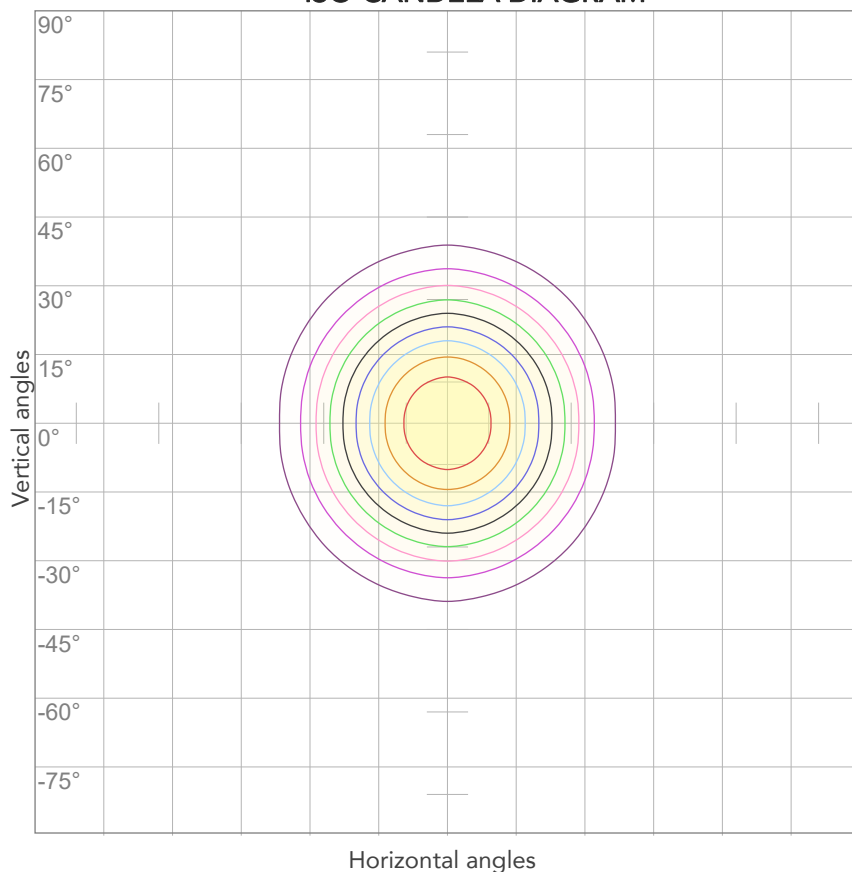


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,279A	56,7W	7lm/W

Power FC
0,9

## ISO CANDELA DIAGRAM



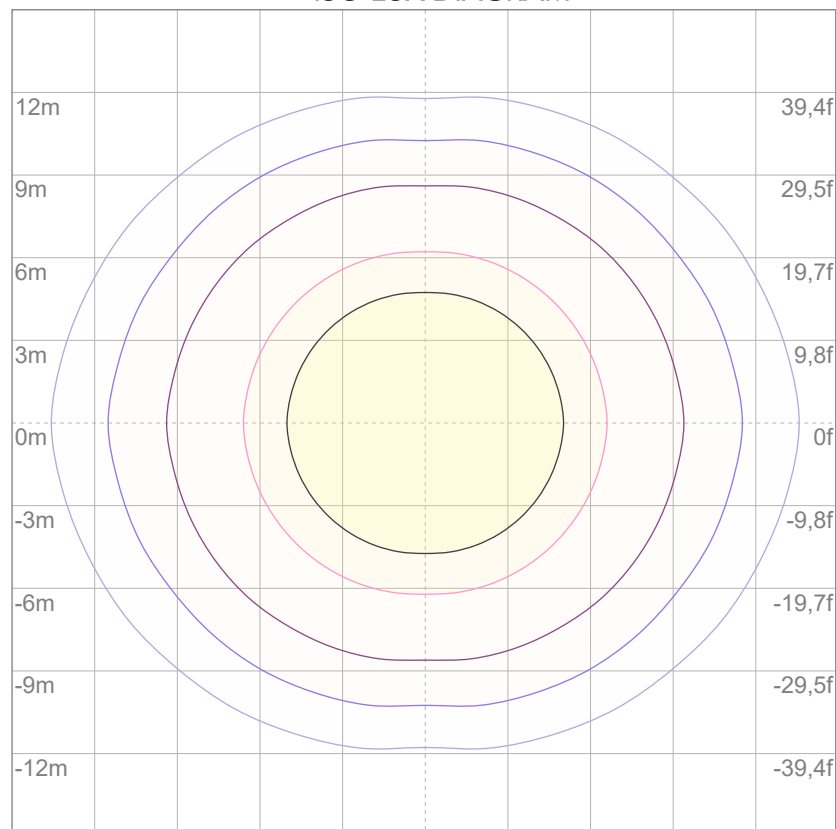
10%	50 cd
20%	99 cd
30%	149 cd
40%	198 cd
50%	248 cd
60%	297 cd
70%	347 cd
80%	396 cd

### Conditions:

Number of c-planes: 4

Candela at center: 495 cd

## ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,149 lx
5%	0,248 lx
10%	0,495 lx
30%	1,49 lx
50%	2,48 lx

### Conditions:

Number of c-planes: 4

Lux at center: 4,95 lx

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

Total lumen output:

3793 lm

Peak candela output:

103284 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic No. Filter

Target:

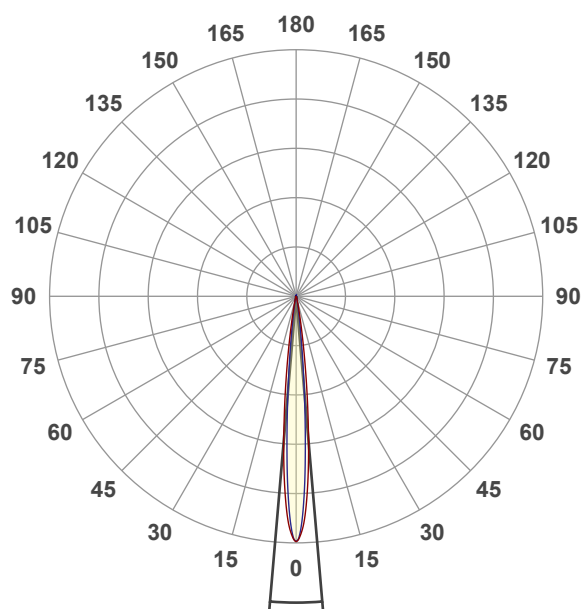
White

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:49:10

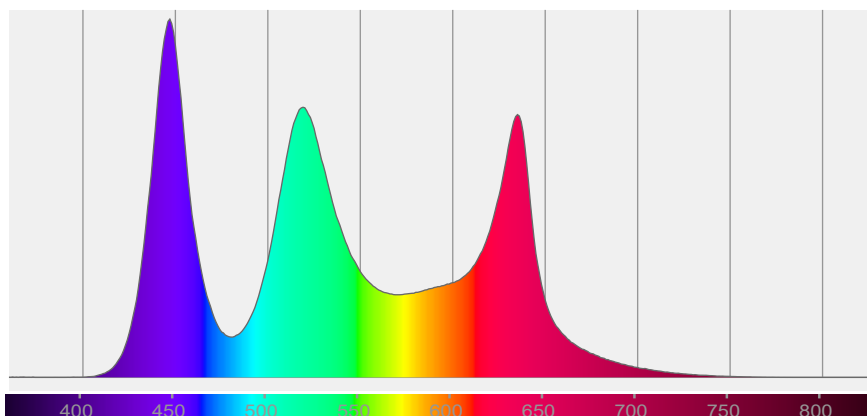


Beam angle 50%: 9,8°

Field angle 10%: 18°

Cut off angle 2.5%: 25,1°

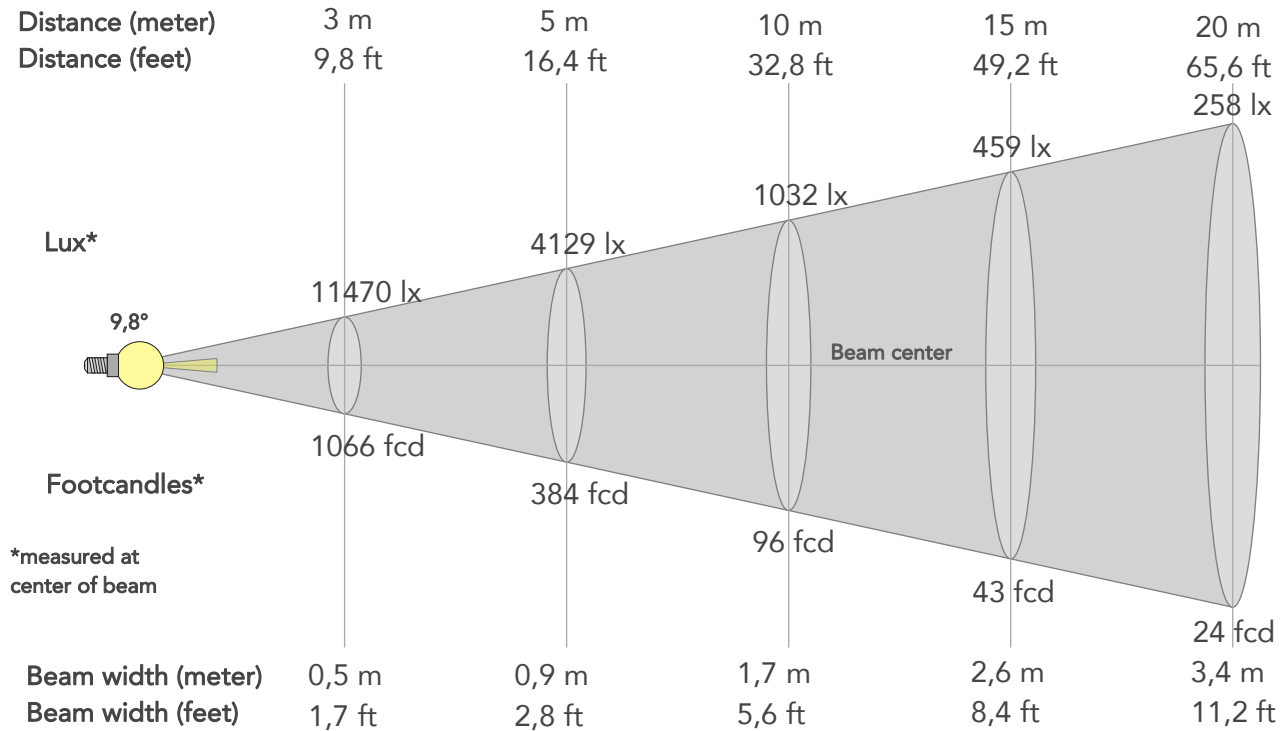
**Spectra**



## BEAM DETAILS



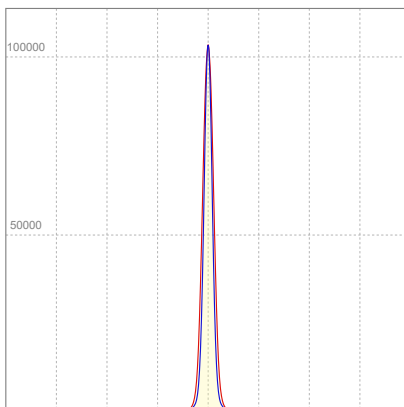
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,8°	18°	25,1°	100,0%	100,0%



### 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	103226lx	25807lx	11470lx	6452lx	4129lx	1835lx	1032lx	459lx	258lx	165lx	115lx	65lx	41lx
Footcand.	9590fcd	2398fcd	1066fcd	599fcd	384fcd	170fcd	96fcd	43fcd	24fcd	15fcd	11fcd	6fcd	4fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,9m	1,3m	1,7m	2,6m	3,4m	4,3m	5,1m	6,8m	8,6m
Beam wid.	0,6ft	1,1ft	1,7ft	2,2ft	2,8ft	4,2ft	5,6ft	8,4ft	11,2ft	14ft	16,8ft	22,5ft	28,1ft

### LINEAR DISTRIBUTION DIAGRAM

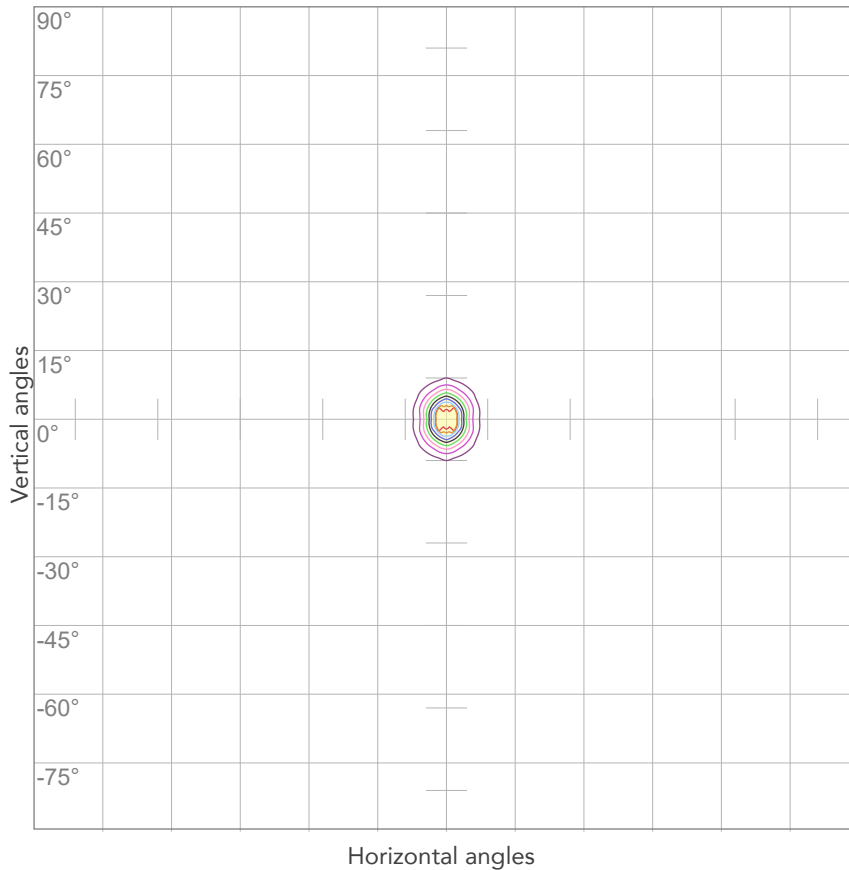


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,604A	127,9W	30lm/W

Power FC
0,94

## ISO CANDELA DIAGRAM



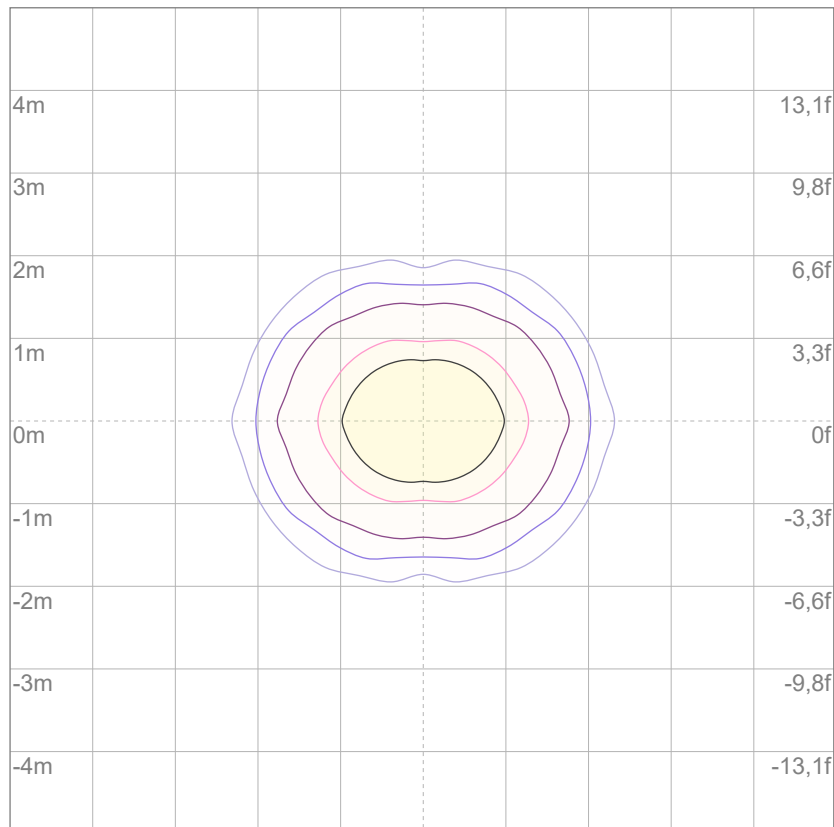
10%	10323 cd
20%	20645 cd
30%	30968 cd
40%	41291 cd
50%	51613 cd
60%	61936 cd
70%	72258 cd
80%	82581 cd

### Conditions:

Number of c-planes: 4

Candela at center: 103226 cd

## ISO LUX DIAGRAM



3%	31,0 lx
5%	51,6 lx
10%	103 lx
30%	310 lx
50%	516 lx

### Conditions:

Number of c-planes: 4

Lux at center: 1032 lx

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

Total lumen output:

3390 lm

Peak candela output:

78094 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + Smooth 5° Filter

Target:

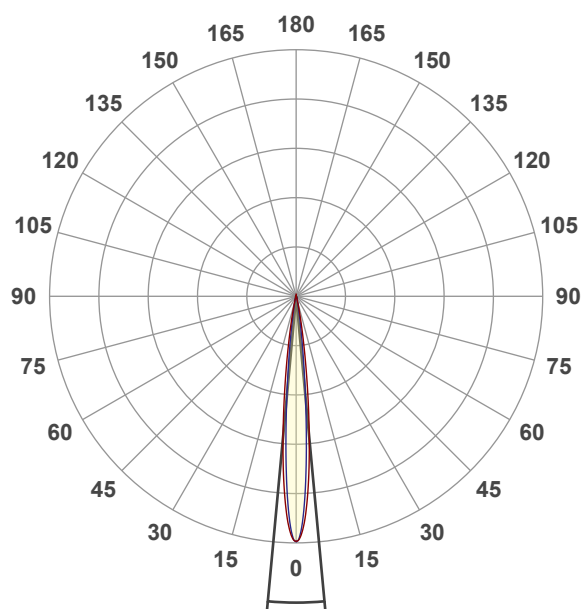
White

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:55:39

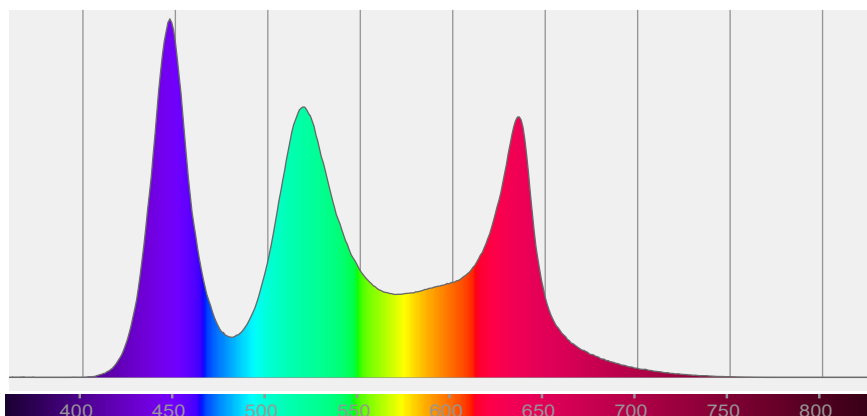


Beam angle 50%: 10,6°

Field angle 10%: 19,9°

Cut off angle 2.5%: 27,9°

**Spectra**

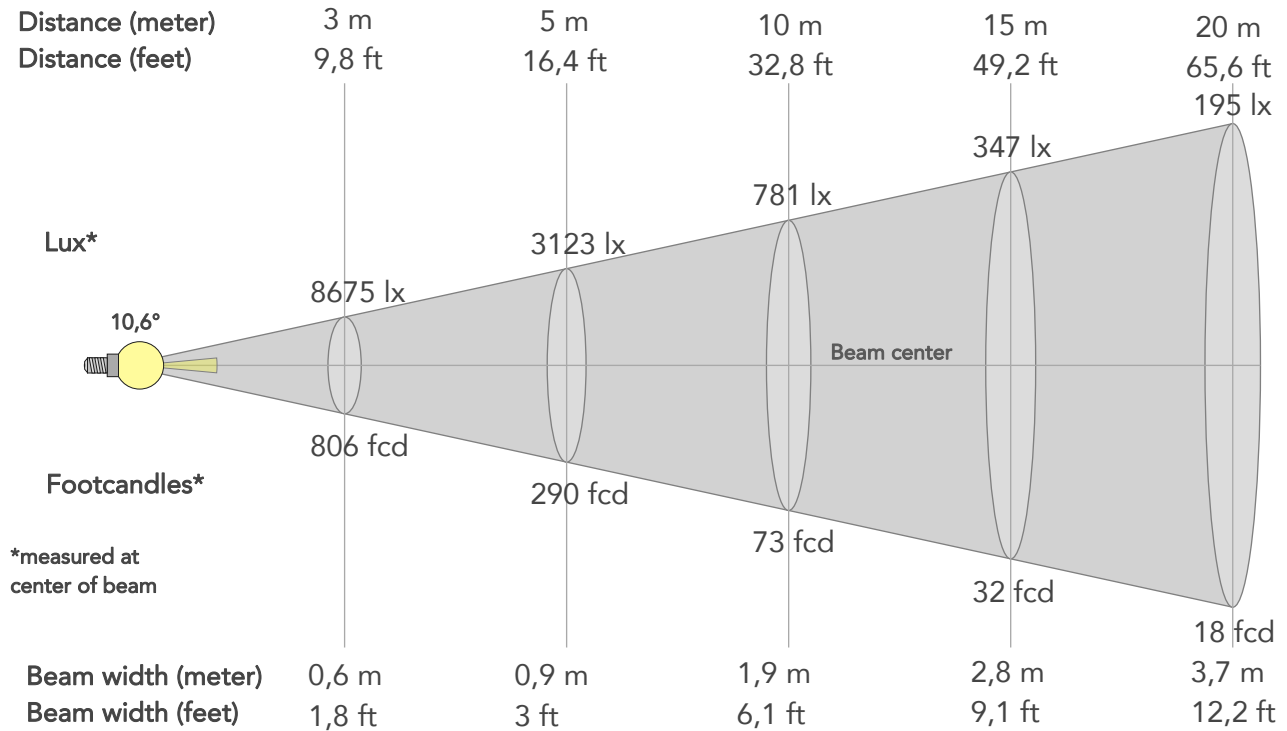




## BEAM DETAILS



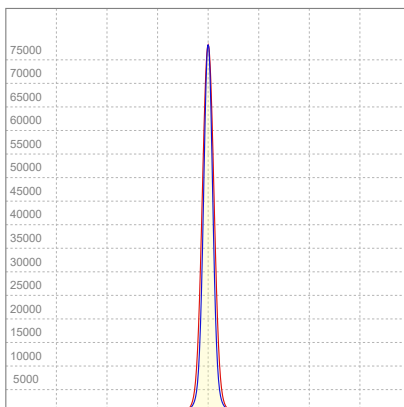
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,6°	19,9°	27,9°	100,0%	100,0%



### 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	78078lx	19520lx	8675lx	4880lx	3123lx	1388lx	781lx	347lx	195lx	125lx	87lx	49lx	31lx
Footcand.	7254fcd	1813fcd	806fcd	453fcd	290fcd	129fcd	73fcd	32fcd	18fcd	12fcd	8fcd	5fcd	3fcd
Beam wid.	0,2m	0,4m	0,6m	0,7m	0,9m	1,4m	1,9m	2,8m	3,7m	4,6m	5,6m	7,4m	9,3m
Beam wid.	0,6ft	1,2ft	1,8ft	2,4ft	3ft	4,6ft	6,1ft	9,1ft	12,2ft	15,2ft	18,3ft	24,4ft	30,5ft

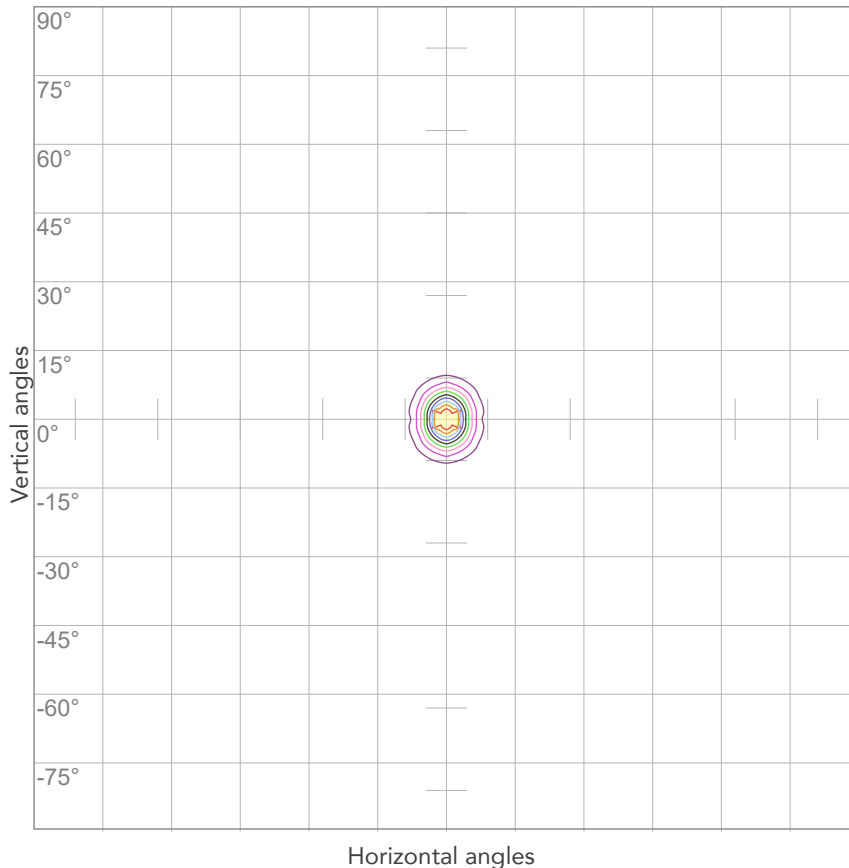
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,603A	127,2W	27lm/W
Power FC			
0,93			

## ISO CANDELA DIAGRAM



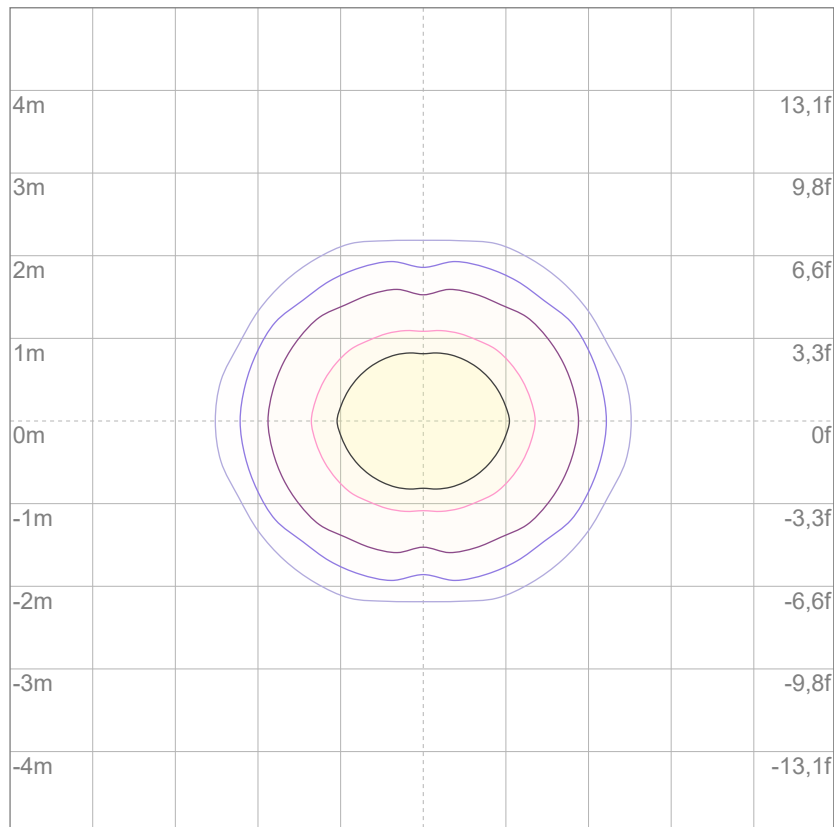
10%	7808 cd
20%	15616 cd
30%	23423 cd
40%	31231 cd
50%	39039 cd
60%	46847 cd
70%	54655 cd
80%	62462 cd

### Conditions:

Number of c-planes: 4

Candela at center: 78078 cd

## ISO LUX DIAGRAM



3%	23,4 lx
5%	39,0 lx
10%	78,1 lx
30%	234 lx
50%	390 lx

### Conditions:

Number of c-planes: 4

Lux at center: 781 lx

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

Total lumen output:

3789 lm

Peak candela output:

17040 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 20° Filter

Target:

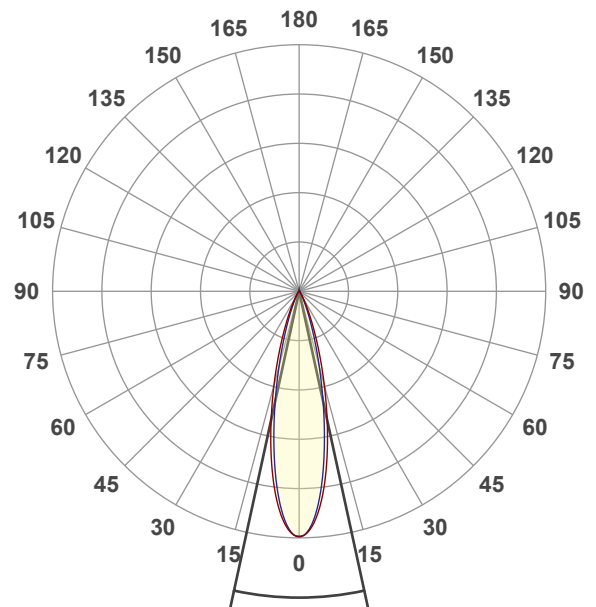
White

Operator:

Paolo Carvone

Date and time:

20/09/2022 16:58:44

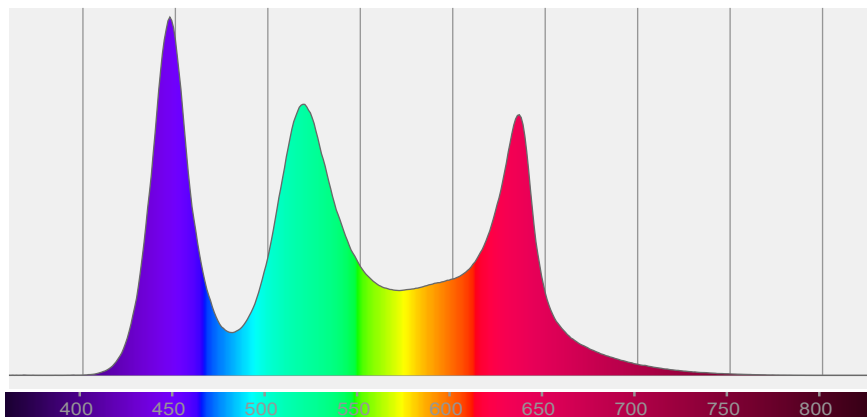


Beam angle 50%: 24,6°

Field angle 10%: 45,9°

Cut off angle 2.5%: 61,5°

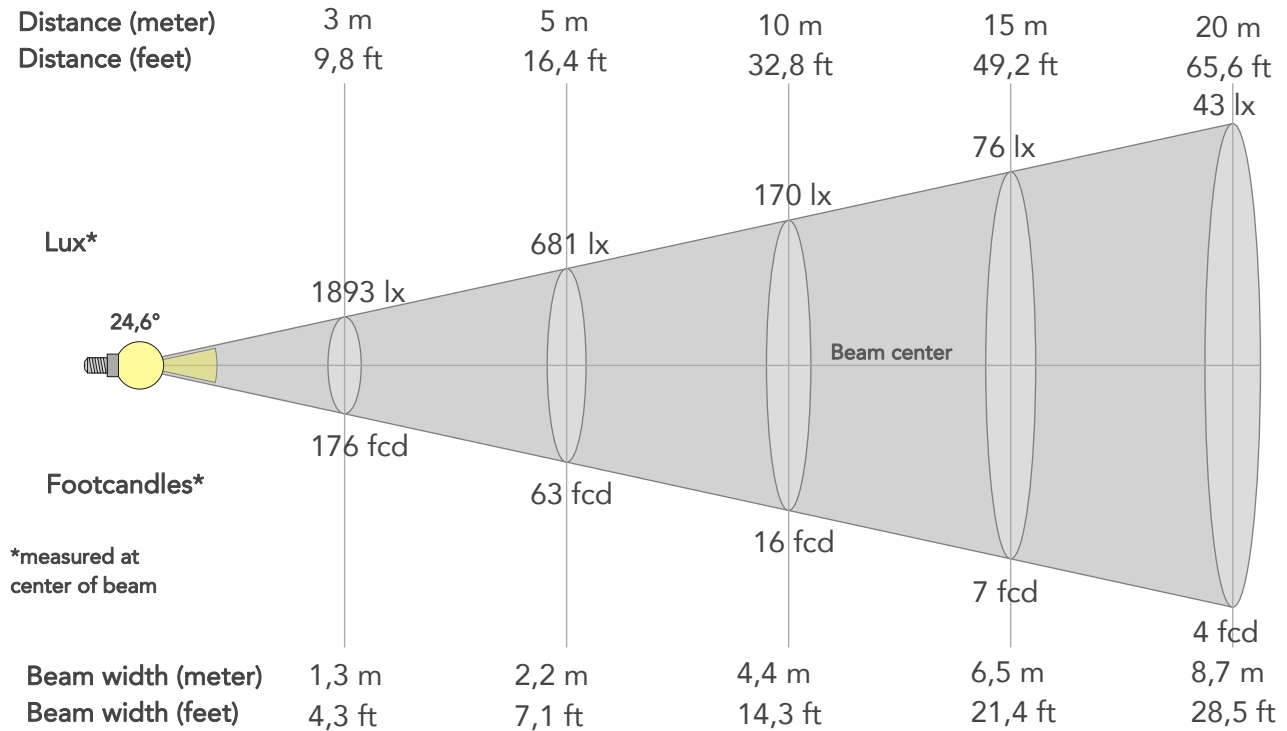
**Spectra**



## BEAM DETAILS



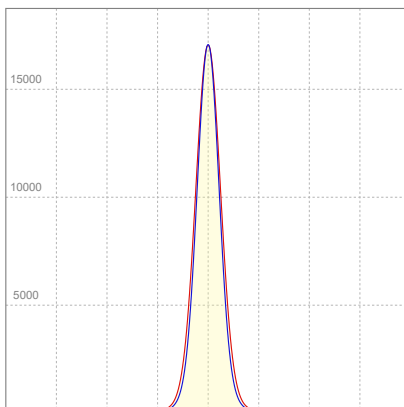
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24,6°	45,9°	61,5°	99,9%	99,1%



### 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	17034lx	4259lx	1893lx	1065lx	681lx	303lx	170lx	76lx	43lx	27lx	19lx	11lx	7lx
Footcand.	1583fcd	396fcd	176fcd	99fcd	63fcd	28fcd	16fcd	7fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,4m	0,9m	1,3m	1,7m	2,2m	3,3m	4,4m	6,5m	8,7m	10,9m	13,1m	17,4m	21,8m
Beam wid.	1,4ft	2,9ft	4,3ft	5,7ft	7,1ft	10,7ft	14,3ft	21,4ft	28,5ft	35,7ft	42,8ft	57,1ft	71,4ft

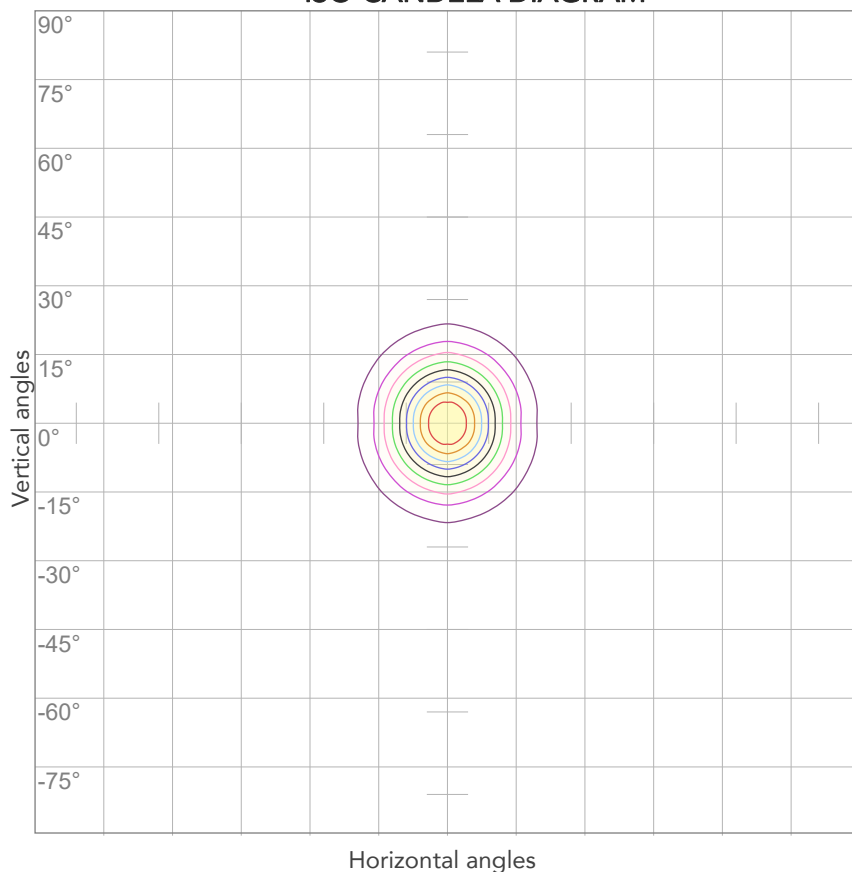
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,600A	126,9W	30lm/W
Power FC			
0,93			

## ISO CANDELA DIAGRAM



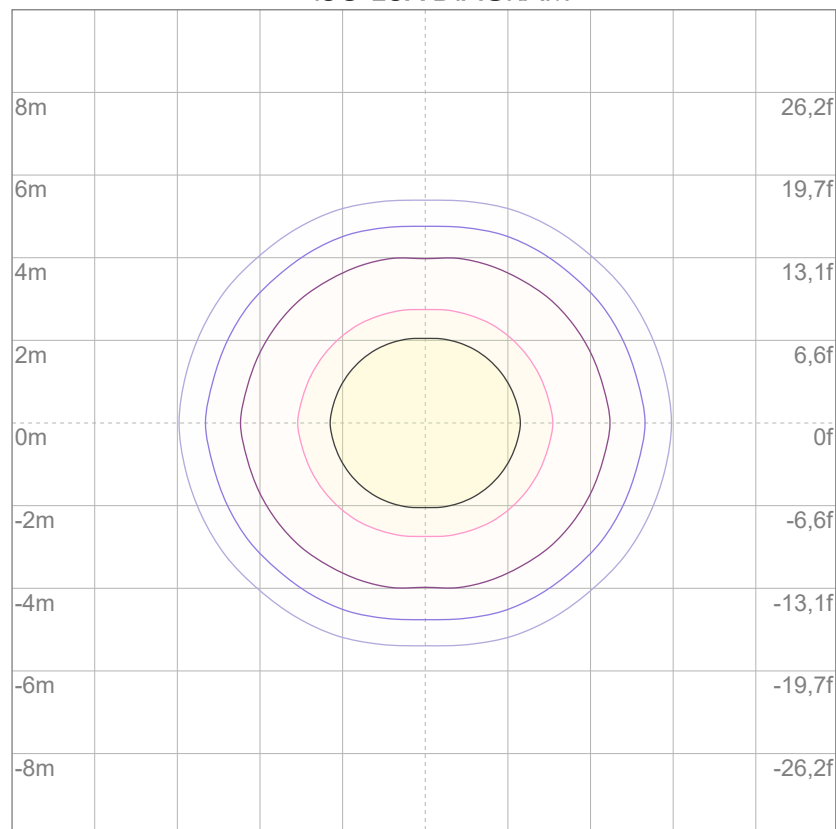
10%	1703 cd
20%	3407 cd
30%	5110 cd
40%	6814 cd
50%	8517 cd
60%	10220 cd
70%	11924 cd
80%	13627 cd

### Conditions:

Number of c-planes: 4

Candela at center: 17034 cd

## ISO LUX DIAGRAM



3%	5,11 lx
5%	8,52 lx
10%	17,0 lx
30%	51,1 lx
50%	85,2 lx

### Conditions:

Number of c-planes: 4

Lux at center: 170 lx

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

Total lumen output:

3847 lm

Peak candela output:

6025 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 40° Filter

Target:

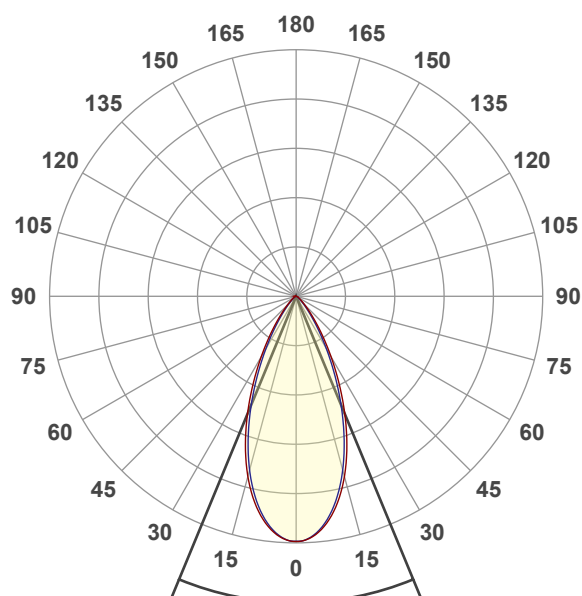
White

Operator:

Paolo Carvone

Date and time:

20/09/2022 17:01:14

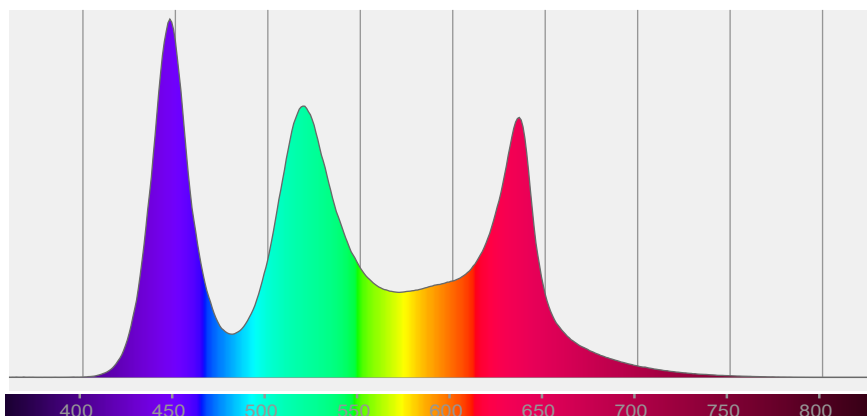


Beam angle 50%: 44,9°

Field angle 10%: 77°

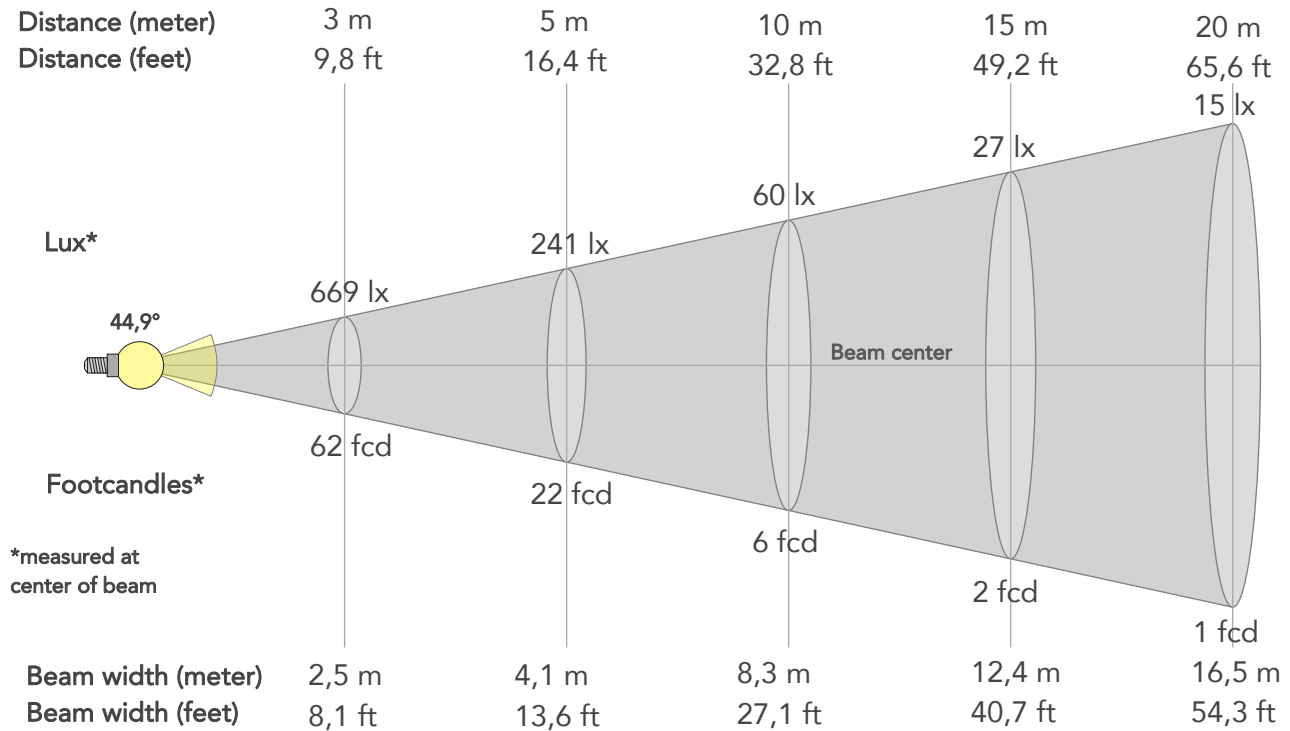
Cut off angle 2.5%: 99,4°

**Spectra**



## BEAM DETAILS

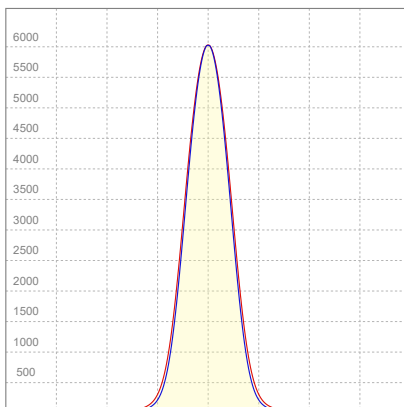
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
<b>44,9°</b>	<b>77°</b>	<b>99,4°</b>	<b>99,0%</b>	<b>94,8%</b>



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	6021lx	1505lx	669lx	376lx	241lx	107lx	60lx	27lx	15lx	10lx	7lx	4lx	2lx
Footcand.	559fcd	140fcd	62fcd	35fcd	22fcd	10fcd	6fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,3m	4,1m	6,2m	8,3m	12,4m	16,5m	20,7m	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

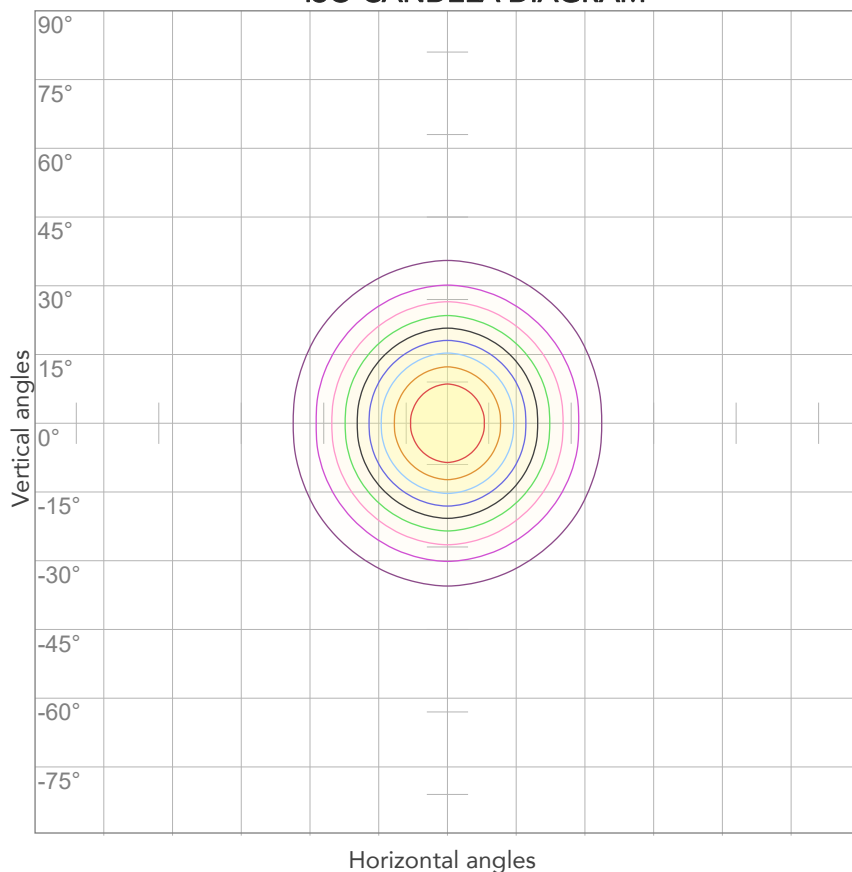


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
<b>227V</b>	<b>0,584A</b>	<b>121,8W</b>	<b>32lm/W</b>

Power FC
<b>0,92</b>

## ISO CANDELA DIAGRAM



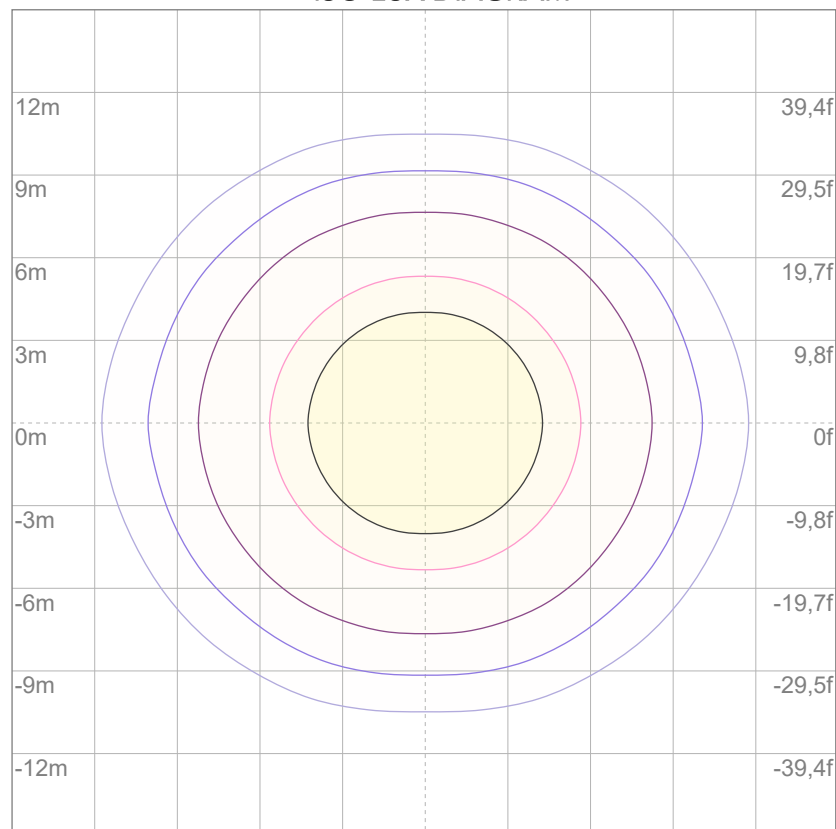
10%	602 cd
20%	1204 cd
30%	1806 cd
40%	2409 cd
50%	3011 cd
60%	3613 cd
70%	4215 cd
80%	4817 cd

### Conditions:

Number of c-planes: 4

Candela at center: 6021 cd

## ISO LUX DIAGRAM



3%	1,81 lx
5%	3,01 lx
10%	6,02 lx
30%	18,1 lx
50%	30,1 lx

### Conditions:

Number of c-planes: 4

Lux at center: 60,2 lx

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



Total lumen output:

3858 lm

Peak candela output:

4532 cd



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 60° Filter

Target:

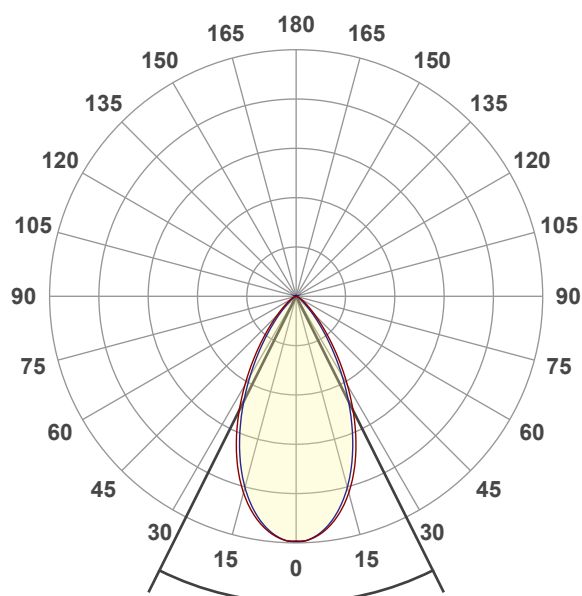
White

Operator:

Paolo Carvone

Date and time:

20/09/2022 17:03:40

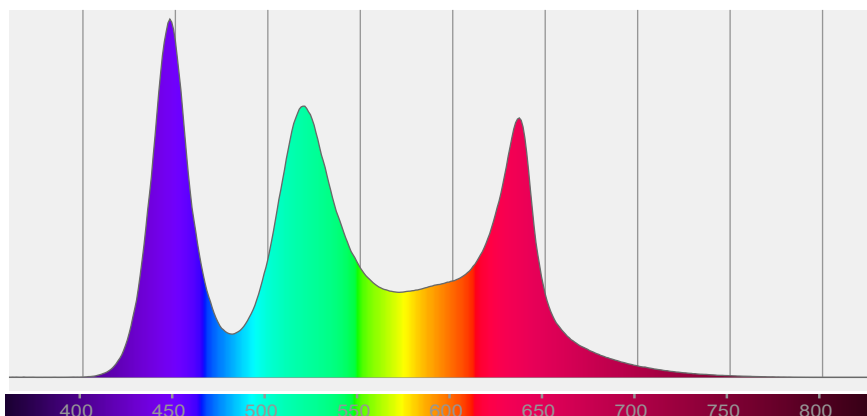


Beam angle 50%: 53°

Field angle 10%: 89,1°

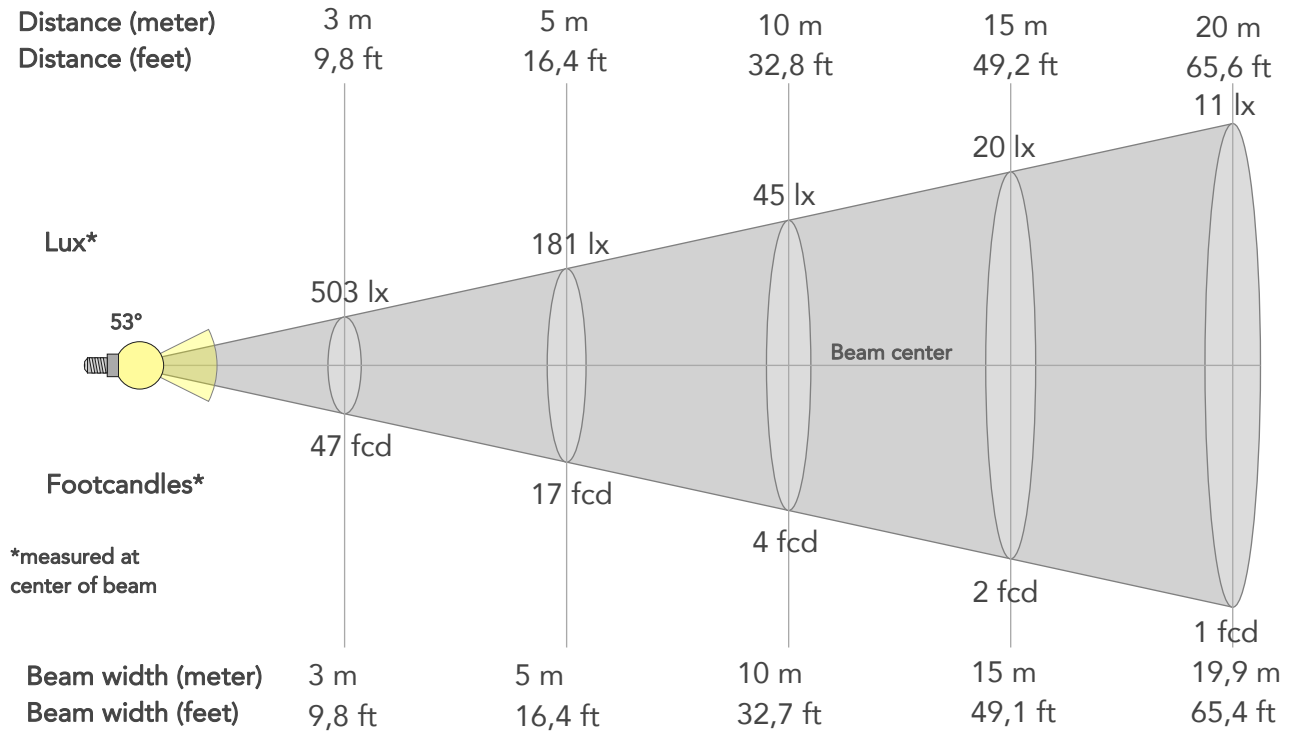
Cut off angle 2.5%: 113,9°

**Spectra**



## BEAM DETAILS

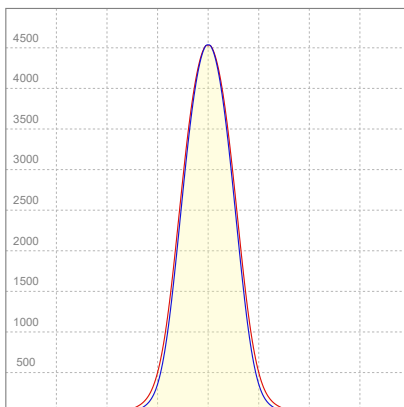
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
53°	89,1°	113,9°	98,4%	91,6%



### 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	4528lx	1132lx	503lx	283lx	181lx	81lx	45lx	20lx	11lx	7lx	5lx	3lx	2lx
Footcand.	421fcd	105fcd	47fcd	26fcd	17fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2m	3m	4m	5m	7,5m	10m	15m	19,9m	24,9m	29,9m	39,9m	49,9m
Beam wid.	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,5ft	32,7ft	49,1ft	65,4ft	81,8ft	98,2ft	130,9ft	163,6ft

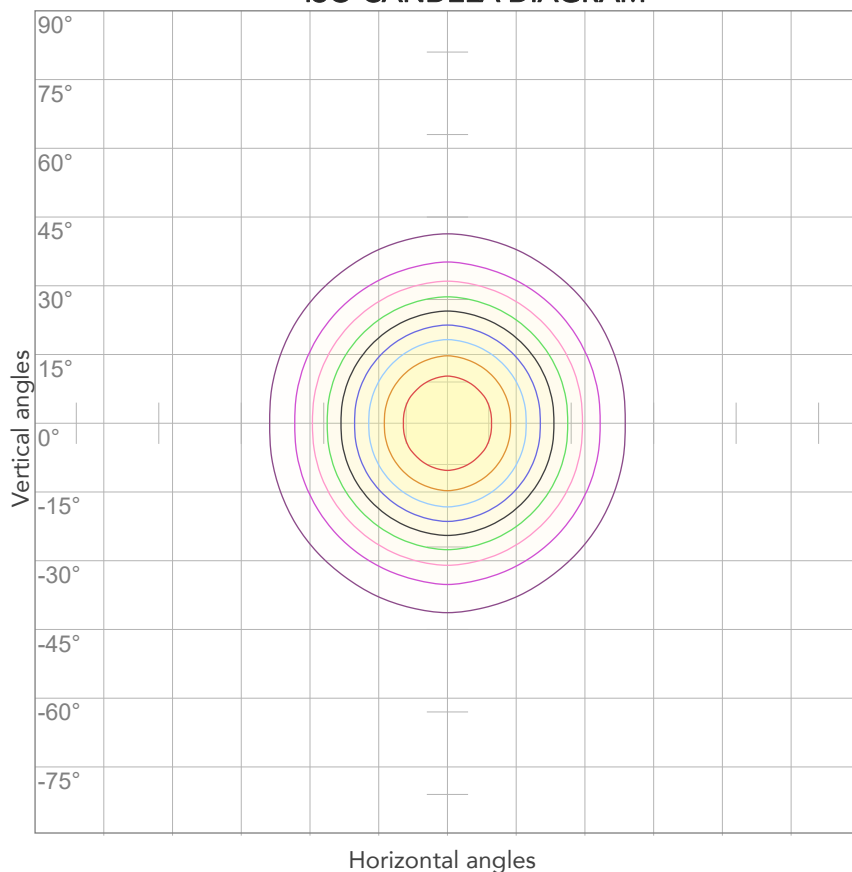
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,600A	126,9W	30lm/W
Power FC			
0,93			

## ISO CANDELA DIAGRAM



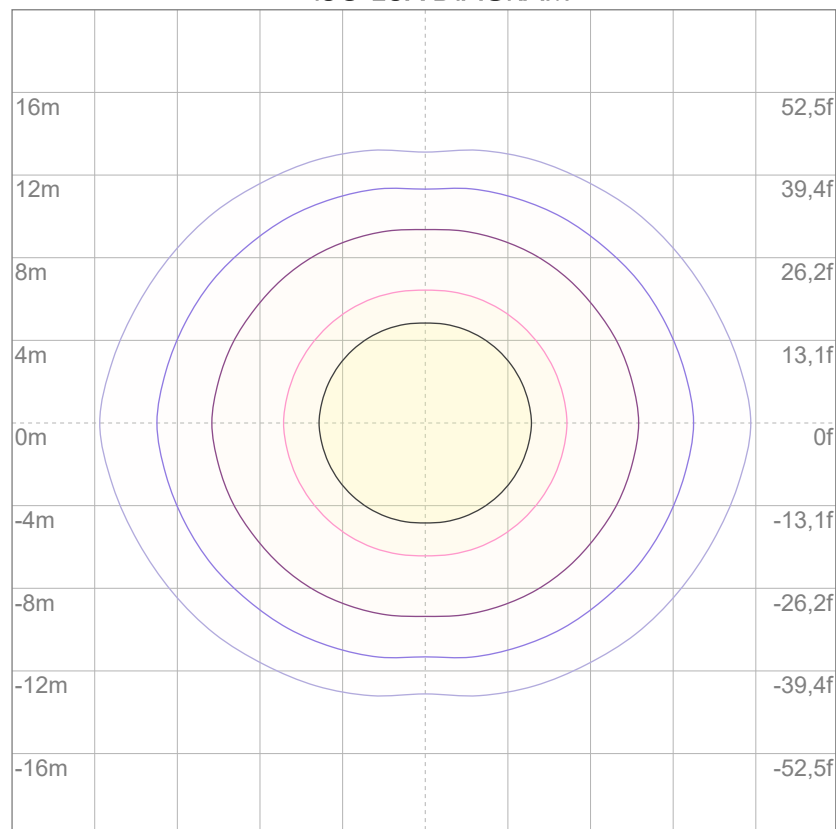
10%	453 cd
20%	906 cd
30%	1358 cd
40%	1811 cd
50%	2264 cd
60%	2717 cd
70%	3170 cd
80%	3623 cd

### Conditions:

Number of c-planes: 4

Candela at center: 4528 cd

## ISO LUX DIAGRAM



3%	1,36 lx
5%	2,26 lx
10%	4,53 lx
30%	13,6 lx
50%	22,6 lx

### Conditions:

Number of c-planes: 4

Lux at center: 45,3 lx

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

Total lumen output:

2575 lm

Peak candela output:

74825 cd

Light quality:

CRI: 94,6

Color temperature:

3201 K



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic No. Filter

Target:

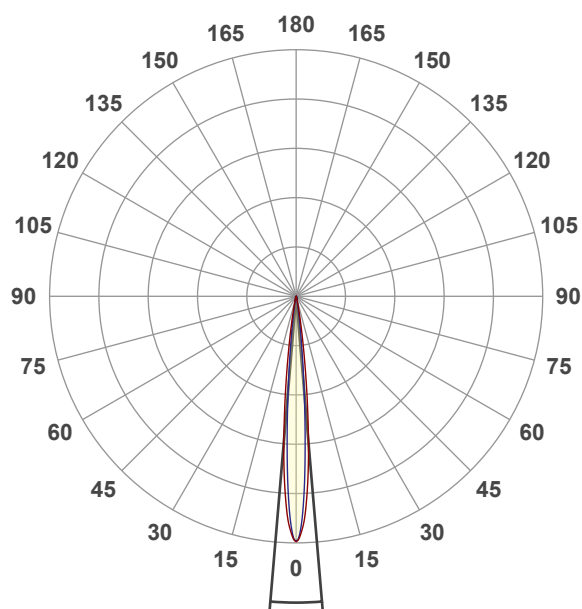
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 12:20:44

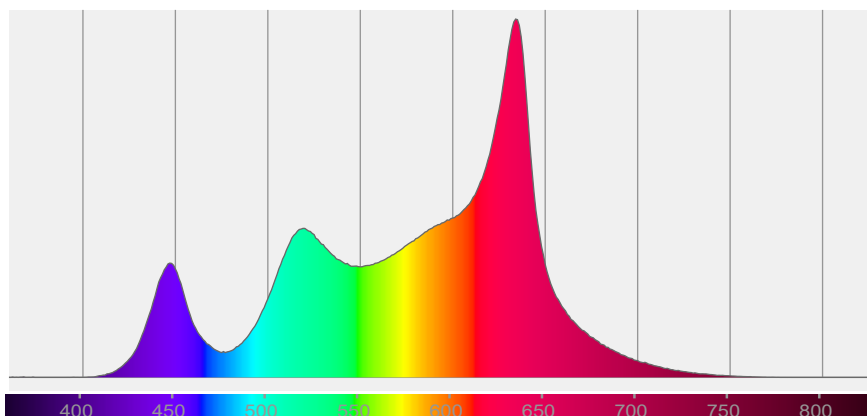


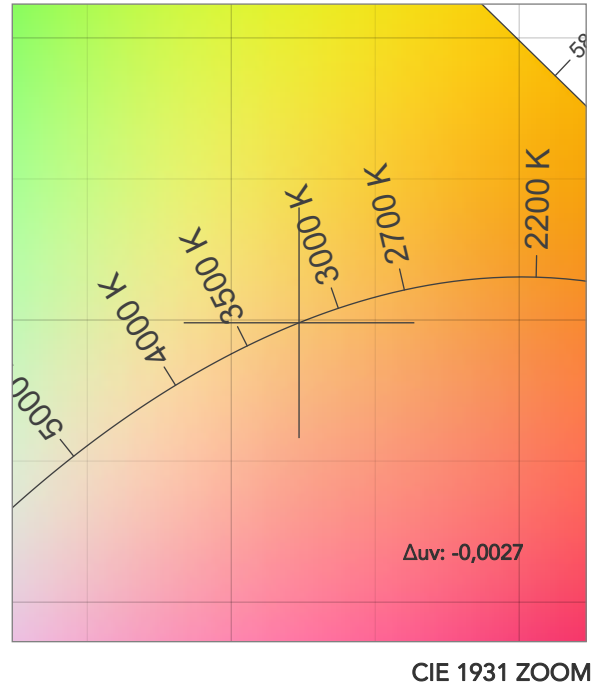
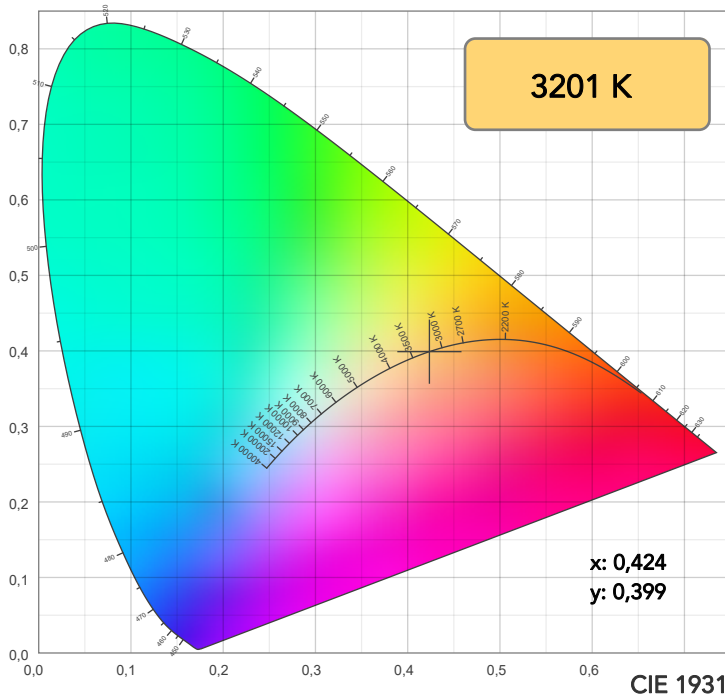
Beam angle 50%: 9,7°

Field angle 10%: 17,7°

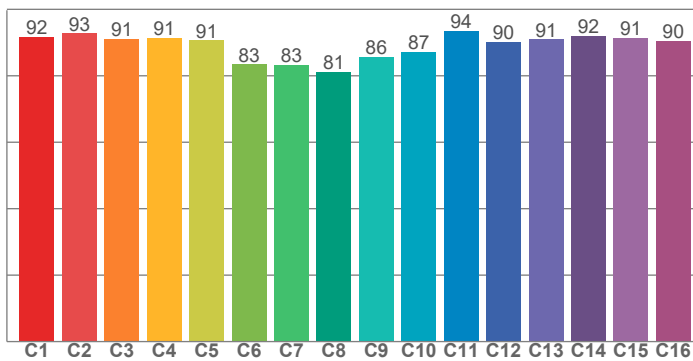
Cut off angle 2.5%: 23,9°

**Spectra**

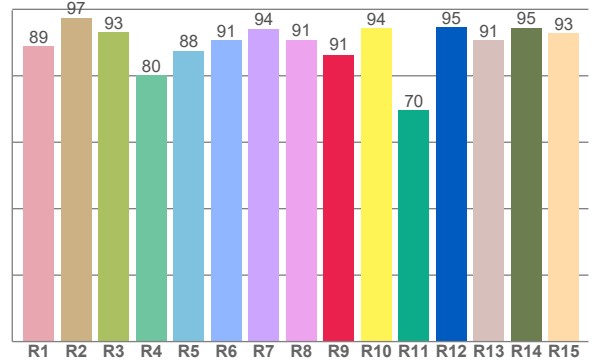




TM30: 89,7



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
88,9	97,5	93,2	80,2	87,5	90,7	94,2	90,8	91	94,2	69,5	94,6	90,8	94,5	92,9

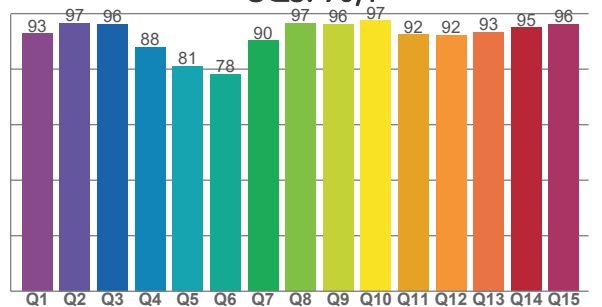
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,8	92,8	91,1	91,4	90,7	83,4	83,3	81,1	85,6	87,1	93,6	90,2	90,9	92,0	91,4	90,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,8	96,6	96,3	88,0	81,2	78,2	90,3	96,5	96,3	97,5	92,5	92,2	93,4	94,9	96,1

CQS: 90,1



## COLOR PARAMETERS

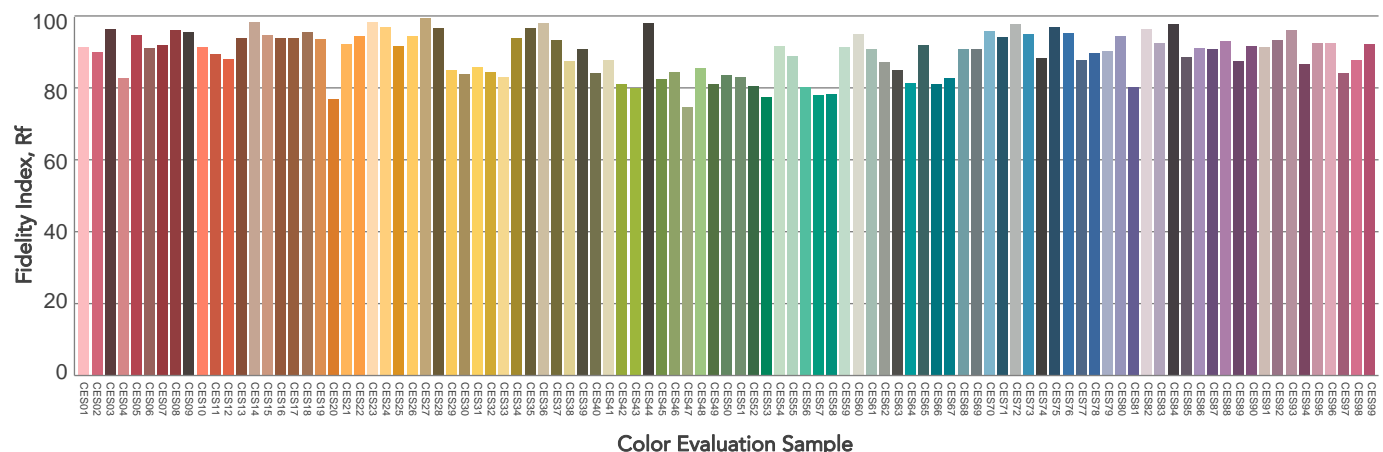
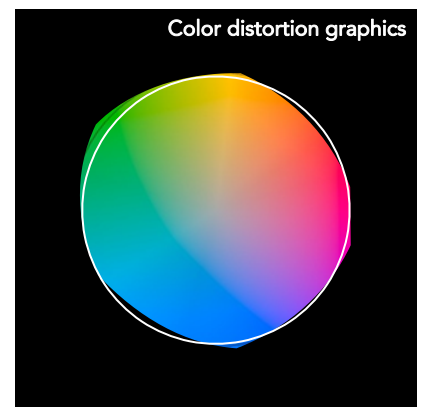
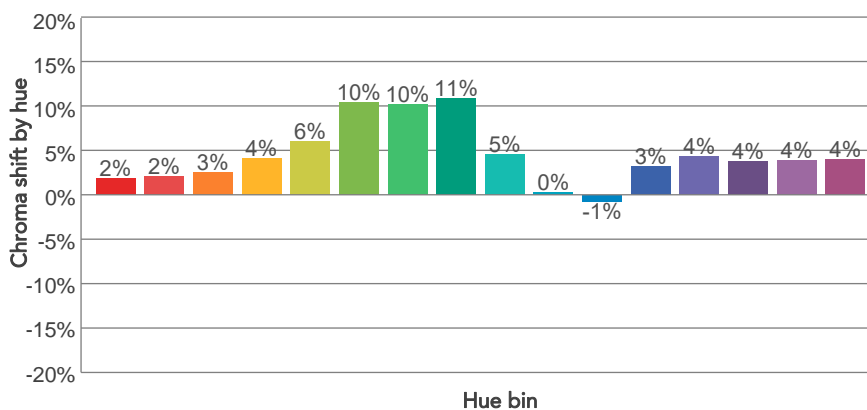
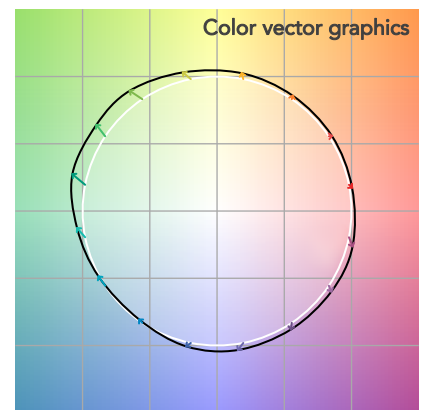
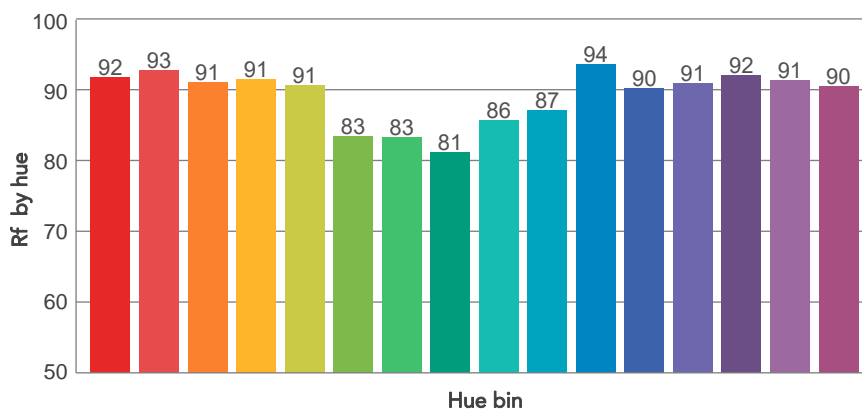
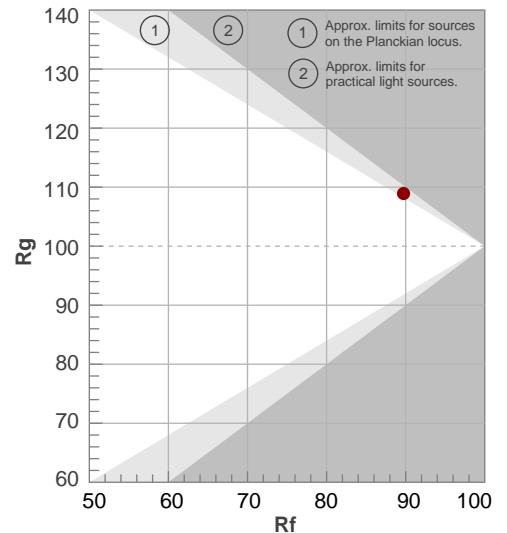
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3201 K	94,6	91	89,7	108,9	90,1	77	0,424	0,399	-0,0027

# TM30 DETAILS

**Rf 89,7**  
Fidelity index Rf

**Rg 108,9**  
Gammut index

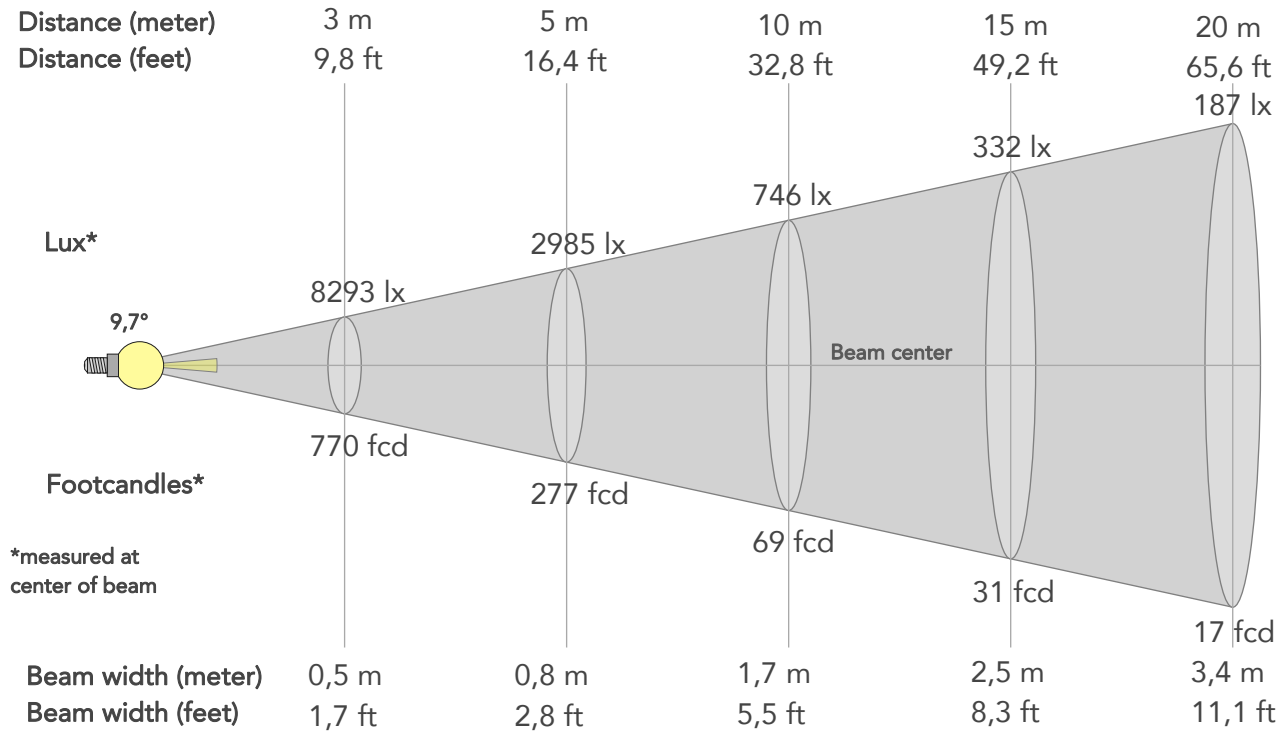
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	93	2%	-1%
3	91	3%	1%
4	91	4%	2%
5	91	6%	5%
6	83	10%	4%
7	83	10%	-3%
8	81	11%	-6%
9	86	5%	-8%
10	87	0%	-9%
11	94	-1%	-3%
12	90	3%	-3%
13	91	4%	-5%
14	92	4%	-3%
15	91	4%	-3%
16	90	4%	-6%



## BEAM DETAILS



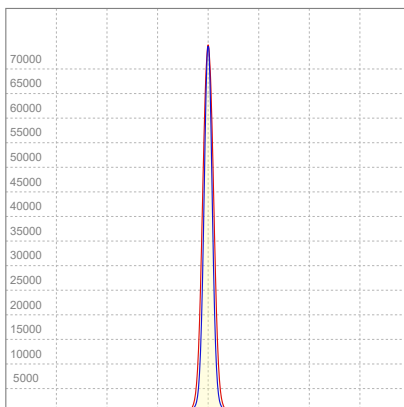
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,7°	17,7°	23,9°	100,0%	100,0%



### 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	74633lx	18658lx	8293lx	4665lx	2985lx	1327lx	746lx	332lx	187lx	119lx	83lx	47lx	30lx
Footcand.	6934fcd	1733fcd	770fcd	433fcd	277fcd	123fcd	69fcd	31fcd	17fcd	11fcd	8fcd	4fcd	3fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,8m	1,3m	1,7m	2,5m	3,4m	4,2m	5,1m	6,8m	8,5m
Beam wid.	0,6ft	1,1ft	1,7ft	2,2ft	2,8ft	4,2ft	5,5ft	8,3ft	11,1ft	13,9ft	16,6ft	22,2ft	27,7ft

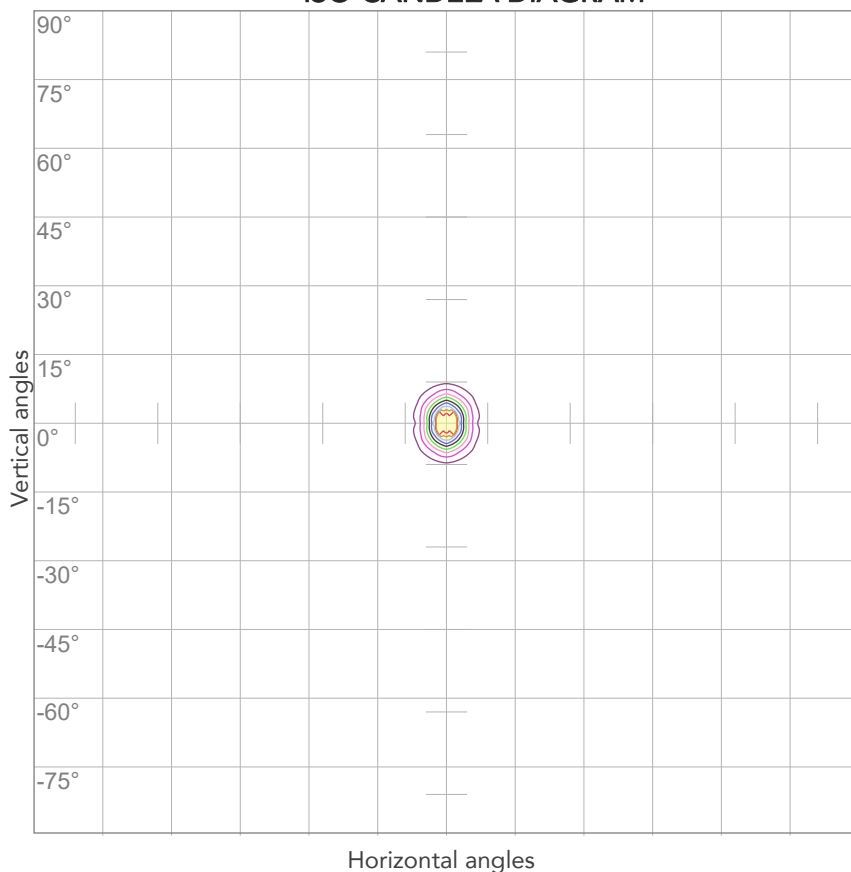
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,441A	92,9W	28lm/W

## ISO CANDELA DIAGRAM



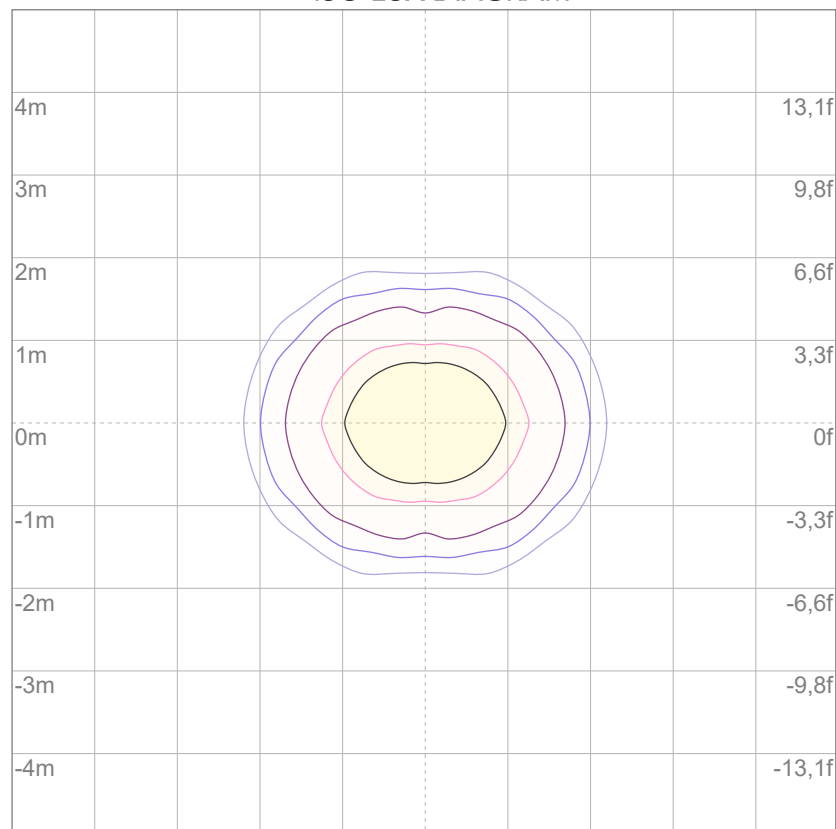
10%	7463 cd
20%	14927 cd
30%	22390 cd
40%	29853 cd
50%	37317 cd
60%	44780 cd
70%	52243 cd
80%	59707 cd

### Conditions:

Number of c-planes: 4

Candela at center: 74633 cd

## ISO LUX DIAGRAM



3%	22,4 lx
5%	37,3 lx
10%	74,6 lx
30%	224 lx
50%	373 lx

### Conditions:

Number of c-planes: 4

Lux at center: 746 lx

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



Total lumen output:

2392 lm

Peak candela output:

57105 cd

Light quality:

CRI: 94,6

Color temperature:

3201 K



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + Smooth 5° Filter

Target:

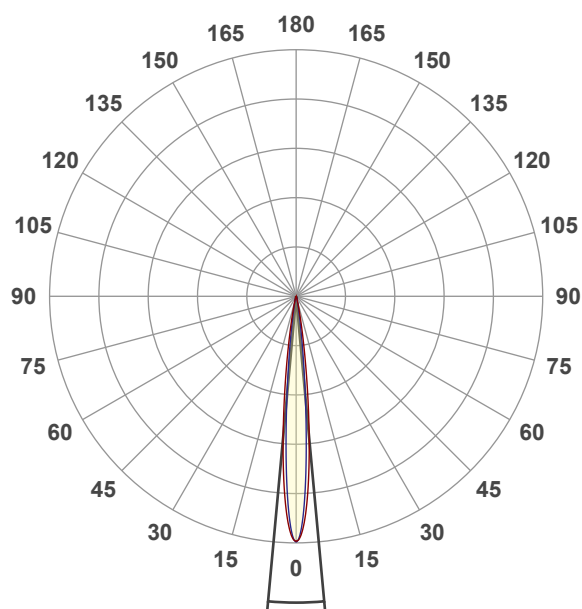
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 12:24:26

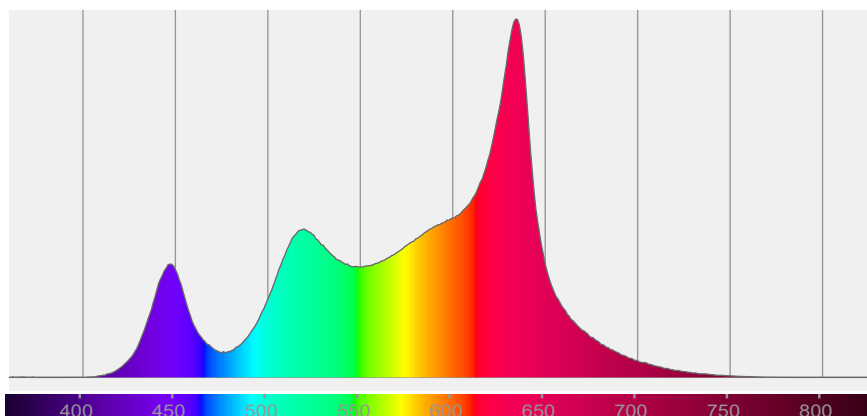


Beam angle 50%: 10,5°

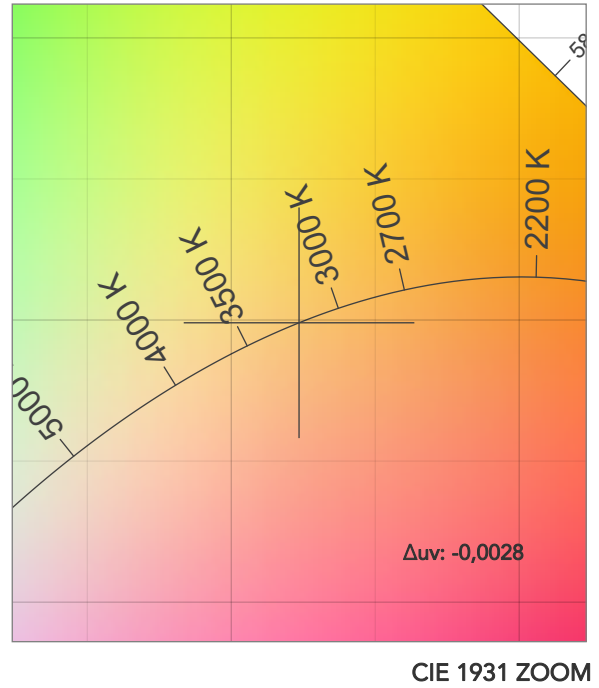
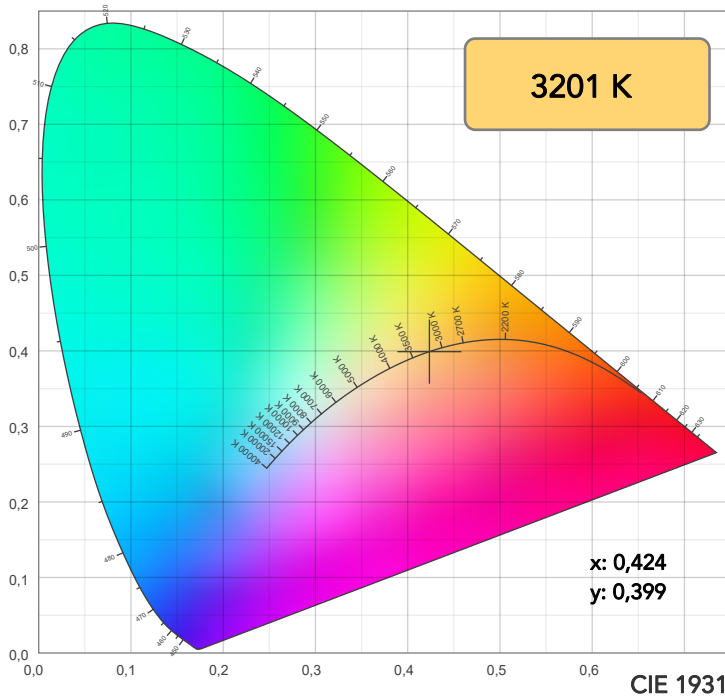
Field angle 10%: 19,6°

Cut off angle 2.5%: 27,1°

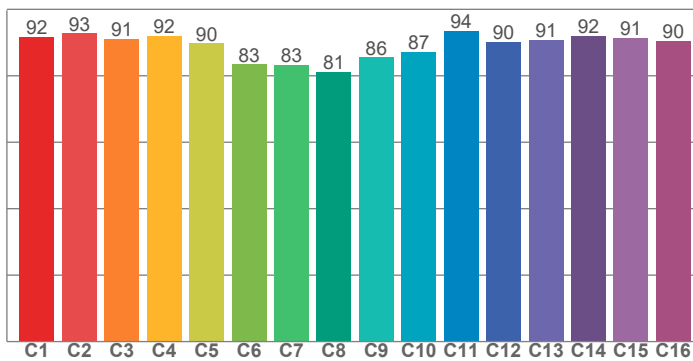
**Spectra**



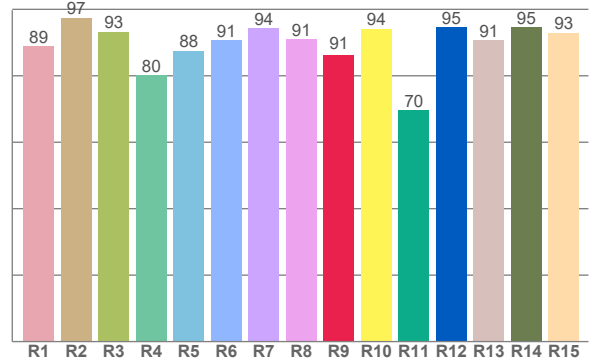
## COLOR DETAILS



TM30: 89,7



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
89,0	97,4	93,2	80,2	87,5	90,6	94,2	90,9	91	94,2	69,6	94,5	90,8	94,5	92,9

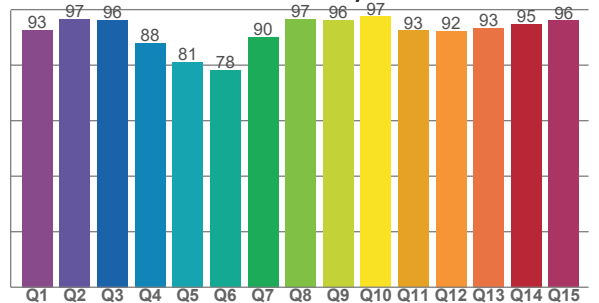
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,8	92,8	91,1	92,0	89,7	83,4	83,3	81,1	85,6	87,1	93,6	90,2	90,9	92,0	91,3	90,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,7	96,6	96,3	88,1	81,2	78,2	90,2	96,6	96,3	97,4	92,5	92,2	93,4	94,9	96,1

CQS: 90,1



## COLOR PARAMETERS

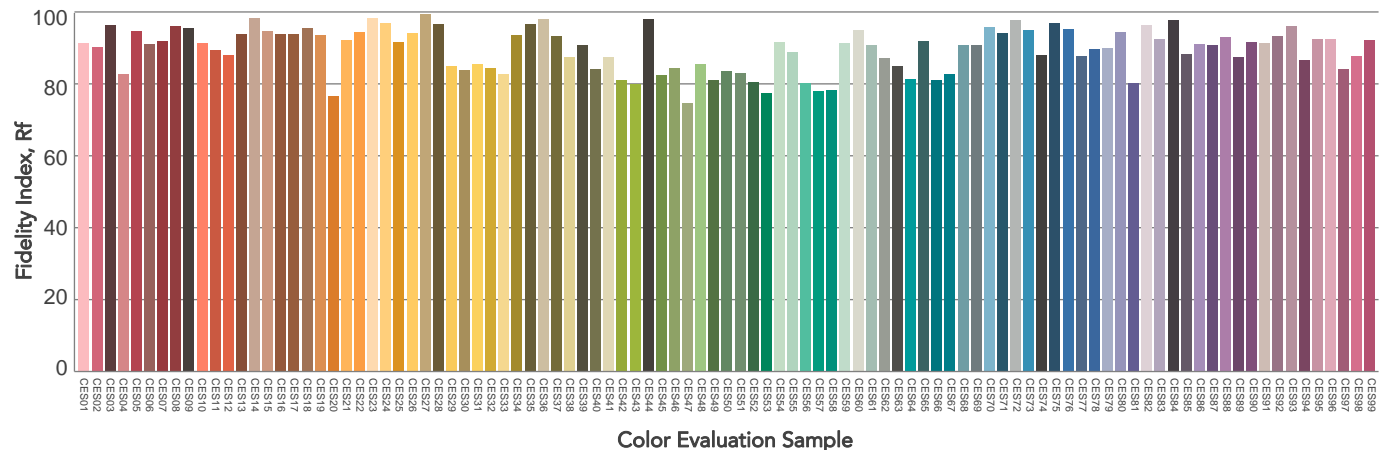
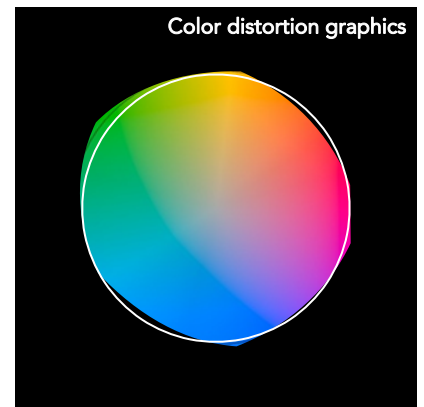
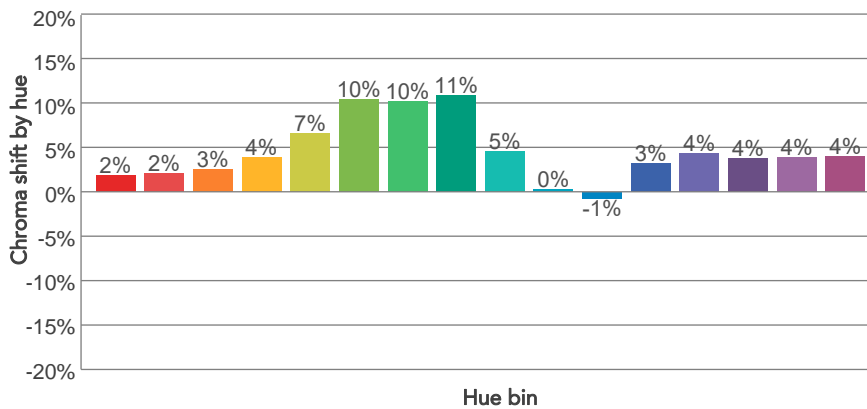
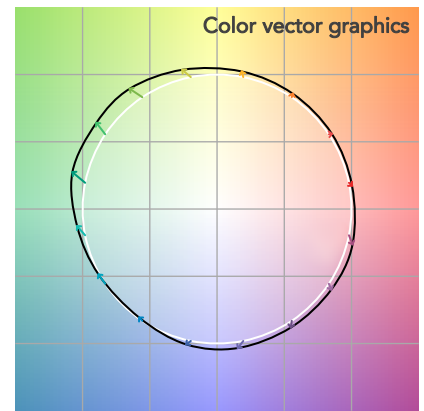
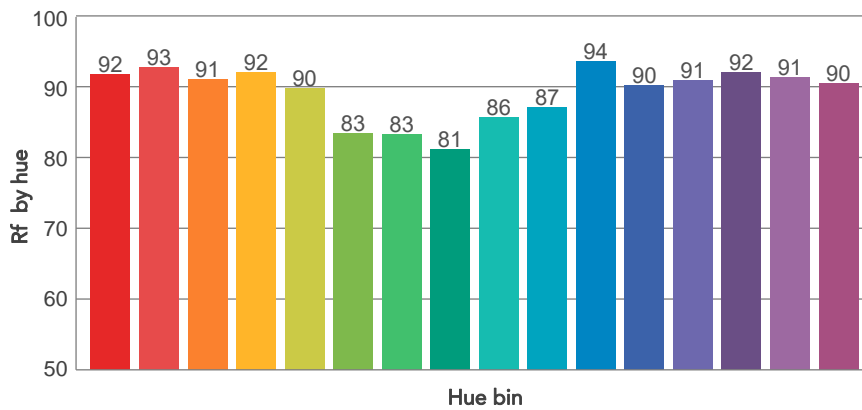
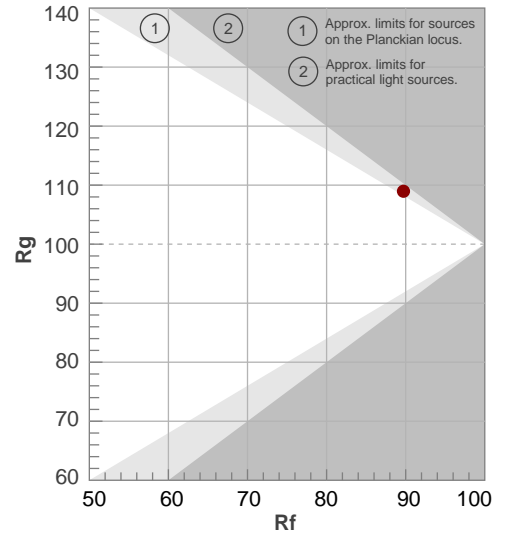
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	$\Delta uv$
3201 K	94,6	91	89,7	109,0	90,1	78	0,424	0,399	-0,0028

# TM30 DETAILS

**Rf 89,7**  
Fidelity index Rf

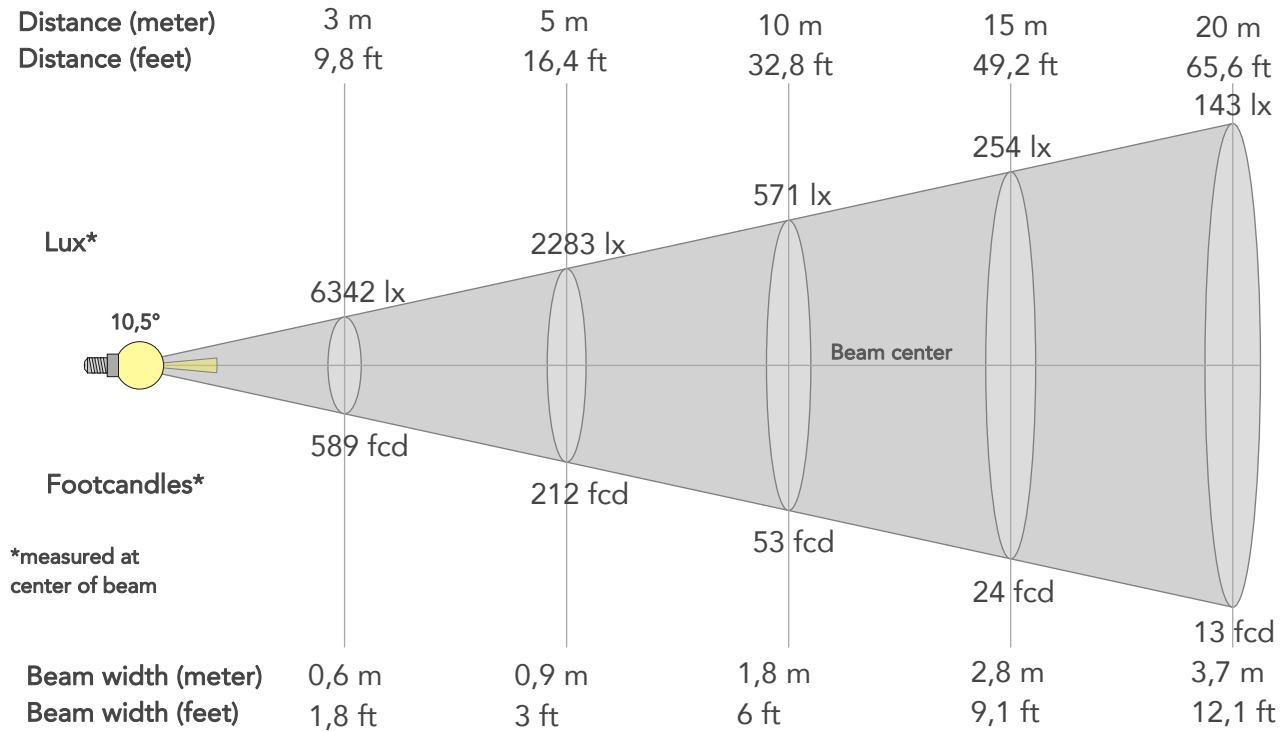
**Rg 109,0**  
Gammut index

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	93	2%	-1%
3	91	3%	1%
4	92	4%	2%
5	90	7%	5%
6	83	10%	4%
7	83	10%	-3%
8	81	11%	-6%
9	86	5%	-8%
10	87	0%	-9%
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

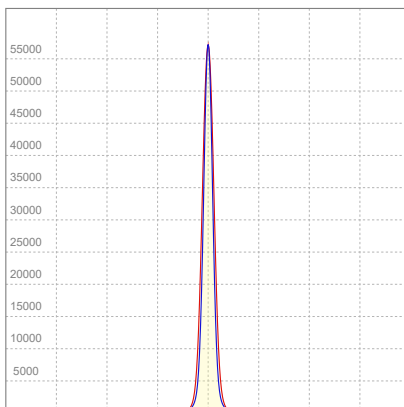
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,5°	19,6°	27,1°	100,0%	100,0%



### 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	57079lx	14270lx	6342lx	3567lx	2283lx	1015lx	571lx	254lx	143lx	91lx	63lx	36lx	23lx
Footcand.	5303fcd	1326fcd	589fcd	331fcd	212fcd	94fcd	53fcd	24fcd	13fcd	8fcd	6fcd	3fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,7m	0,9m	1,4m	1,8m	2,8m	3,7m	4,6m	5,5m	7,4m	9,2m
Beam wid.	0,6ft	1,2ft	1,8ft	2,4ft	3ft	4,5ft	6ft	9,1ft	12,1ft	15,1ft	18,1ft	24,1ft	30,2ft

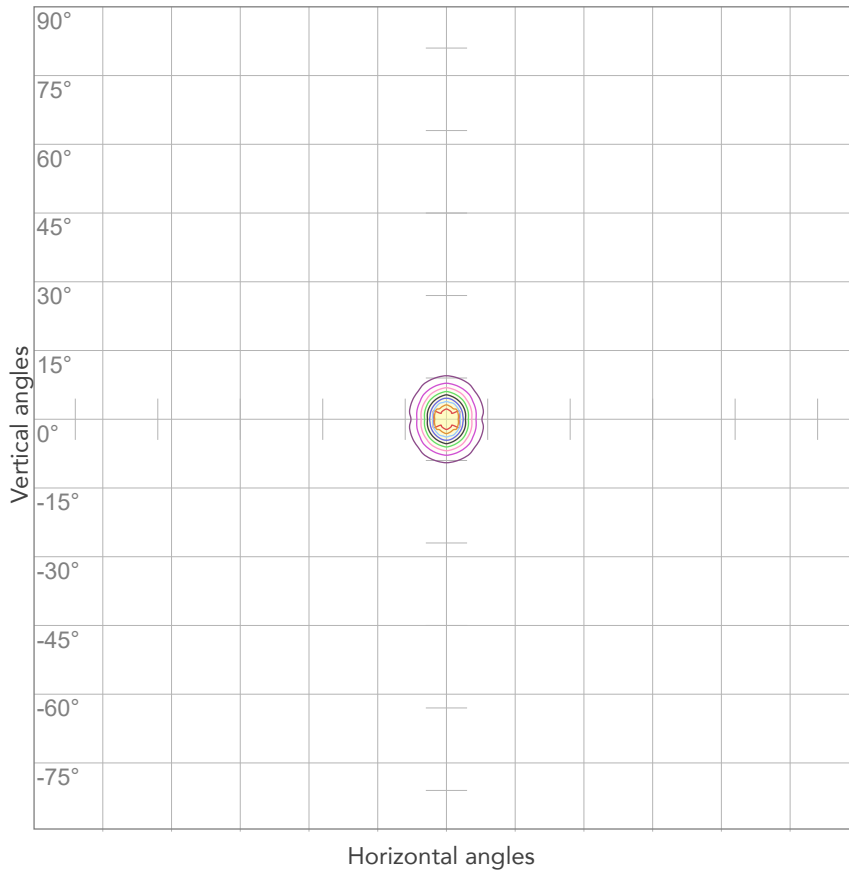
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,444A	92,6W	26lm/W

## ISO CANDELA DIAGRAM



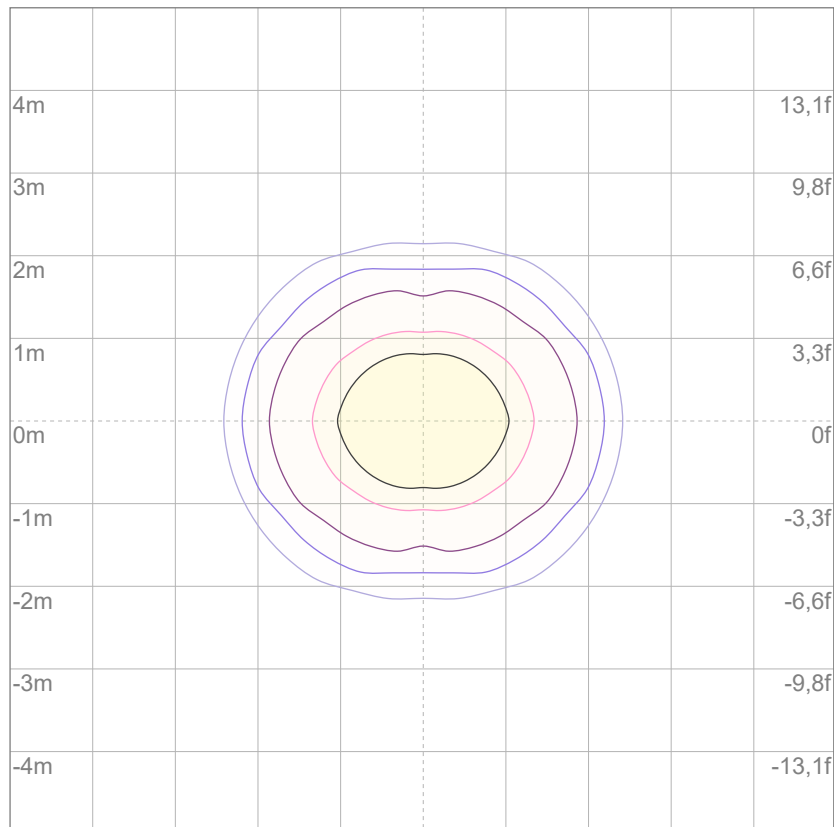
10%	5708 cd
20%	11416 cd
30%	17124 cd
40%	22832 cd
50%	28540 cd
60%	34248 cd
70%	39955 cd
80%	45663 cd

### Conditions:

Number of c-planes: 4

Candela at center: 57079 cd

## ISO LUX DIAGRAM



3%	17,1 lx
5%	28,5 lx
10%	57,1 lx
30%	171 lx
50%	285 lx

### Conditions:

Number of c-planes: 4

Lux at center: 571 lx

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

Total lumen output:

2815 lm

Peak candela output:

13347 cd

Light quality:

CRI: 94,6

Color temperature:

3201 K



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 20° Filter

Target:

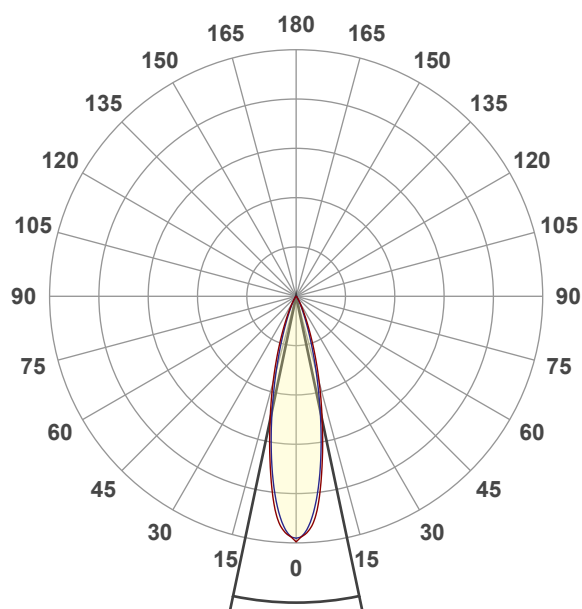
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 12:33:08

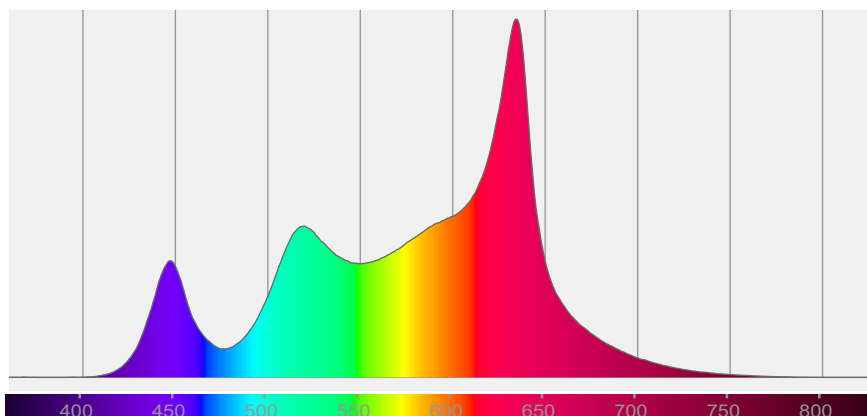


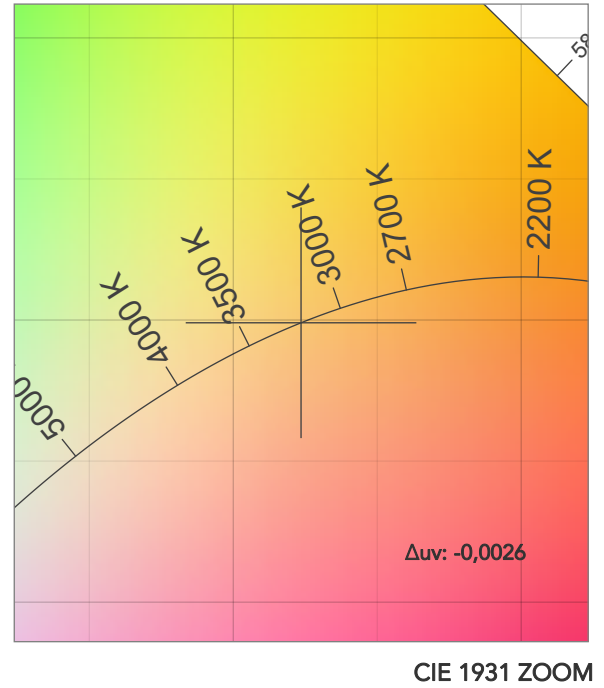
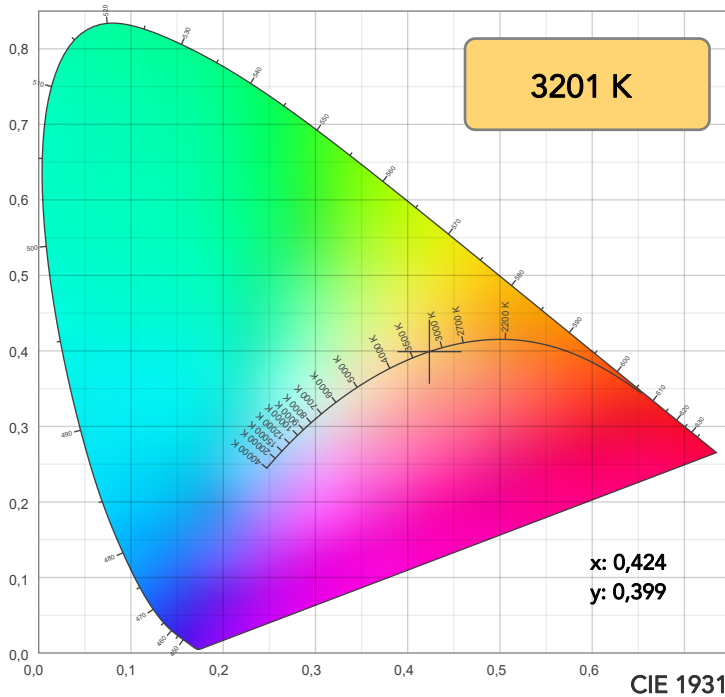
Beam angle 50%: 23,8°

Field angle 10%: 45,3°

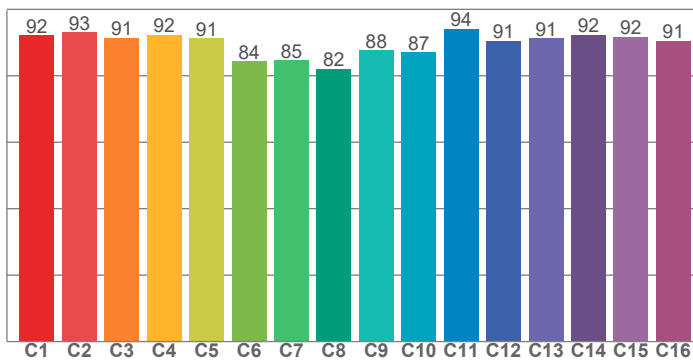
Cut off angle 2.5%: 60,4°

**Spectra**

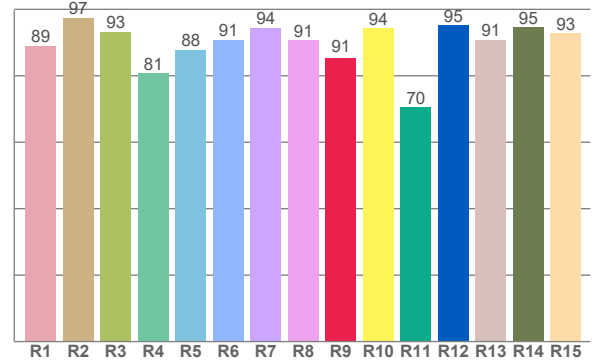




TM30: 90,3



CRI: 90,5 (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
89,0	97,4	93,3	80,7	87,8	90,9	94,4	90,7	91	94,2	70,4	95,2	90,9	94,6	92,8

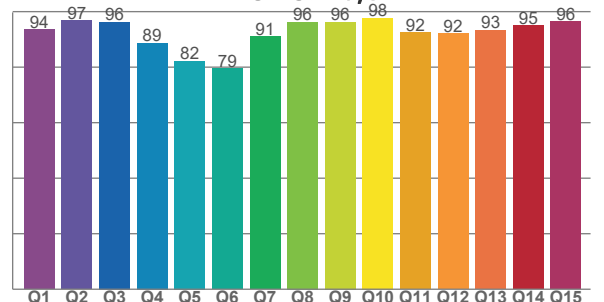
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,1	93,0	91,5	92,2	91,3	84,3	84,6	82,1	87,7	87,0	94,1	90,5	91,3	92,3	91,7	90,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,6	96,7	96,3	88,7	82,2	79,5	91,0	96,3	96,3	97,7	92,5	92,1	93,3	95,0	96,5

CQS: 90,6



## COLOR PARAMETERS

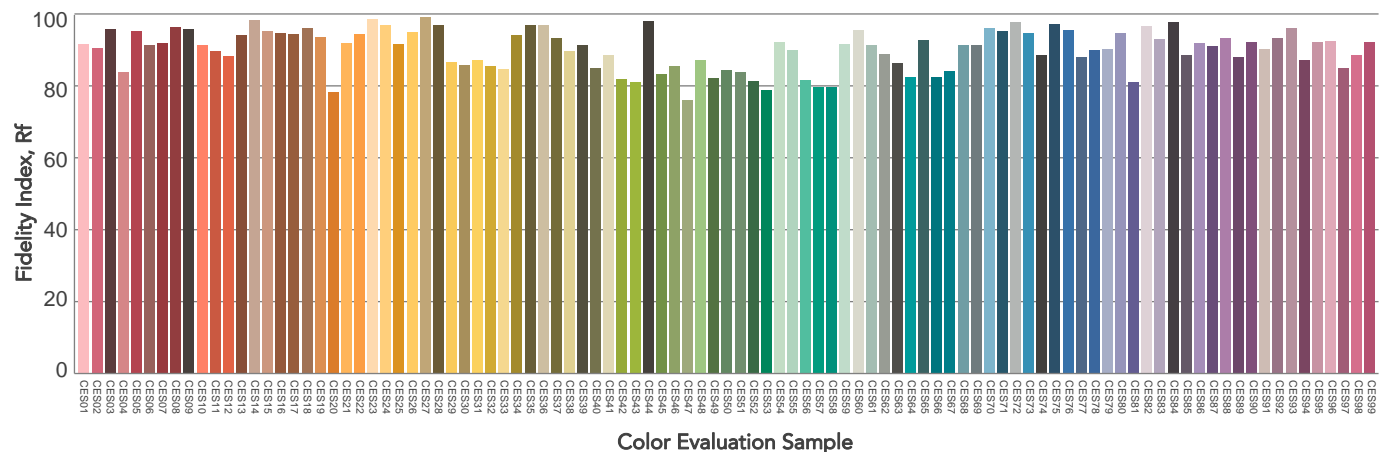
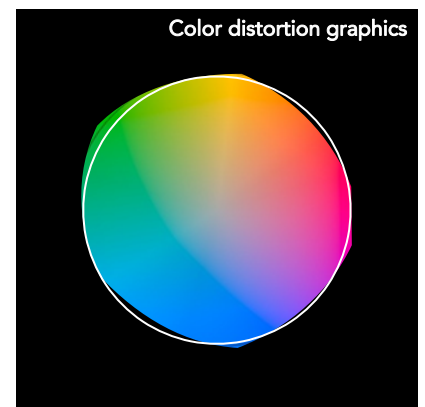
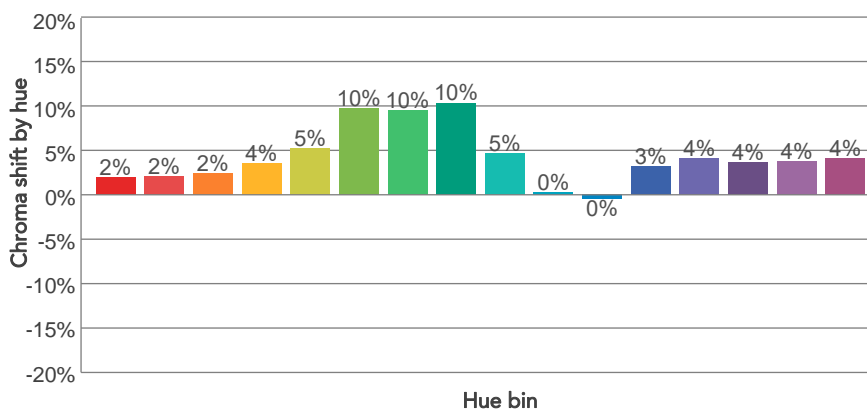
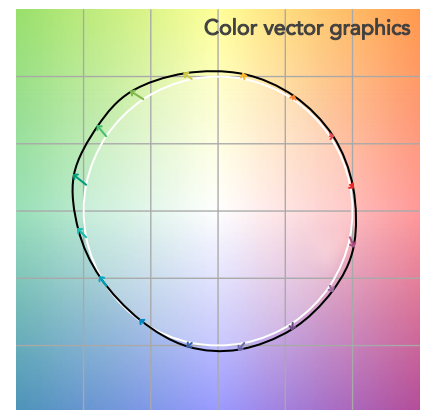
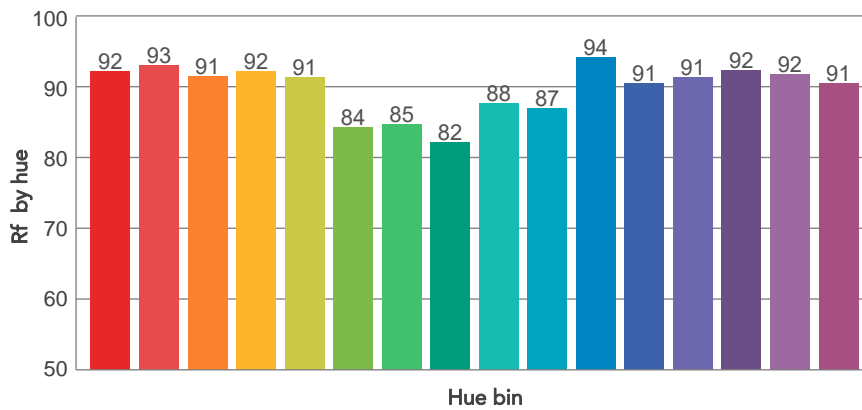
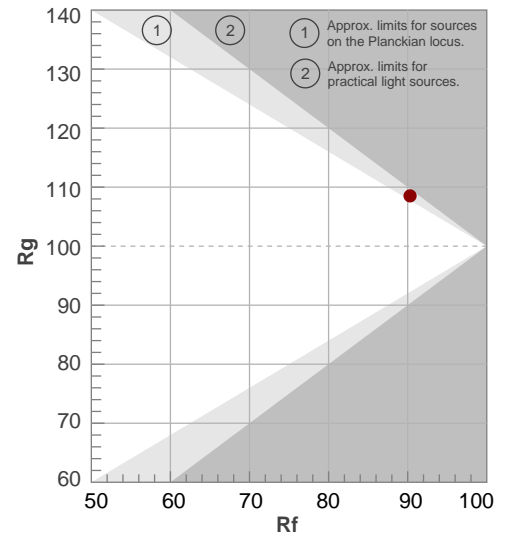
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	$\Delta uv$
3201 K	94,6	91	90,3	108,5	90,6	79	0,424	0,399	-0,0026

# TM30 DETAILS

**Rf 90,3**  
Fidelity index Rf

**Rg 108,5**  
Gammut index

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-2%
2	93	2%	-1%
3	91	2%	1%
4	92	4%	2%
5	91	5%	5%
6	84	10%	4%
7	85	10%	-3%
8	82	10%	-5%
9	88	5%	-7%
10	87	0%	-8%
11	94	0%	-3%
12	91	3%	-3%
13	91	4%	-5%
14	92	4%	-3%
15	92	4%	-2%
16	91	4%	-6%

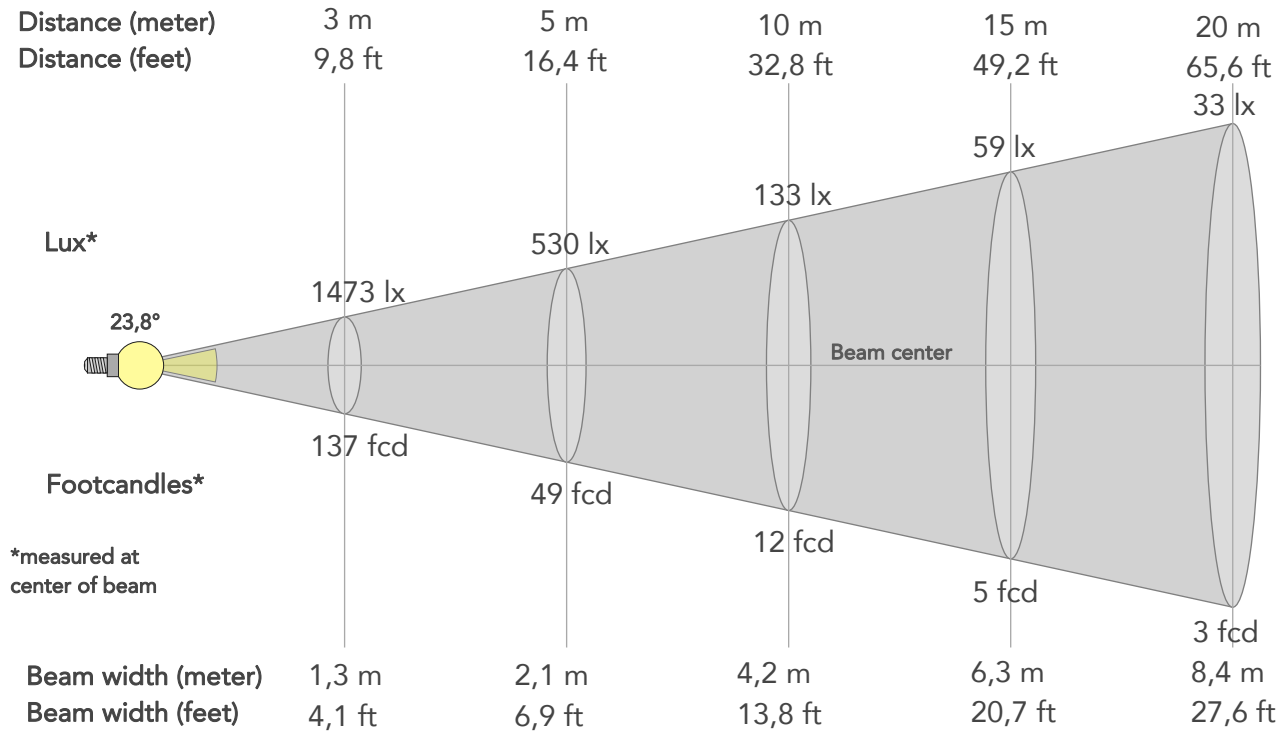




## BEAM DETAILS



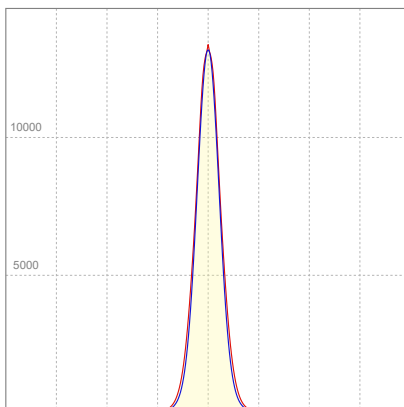
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,8°	45,3°	60,4°	100,0%	99,5%



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	13258lx	3314lx	1473lx	829lx	530lx	236lx	133lx	59lx	33lx	21lx	15lx	8lx	5lx
Footcand.	1232fcd	308fcd	137fcd	77fcd	49fcd	22fcd	12fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
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	10,4ft	13,8ft	20,7ft	27,6ft	34,5ft	41,4ft	55,2ft	69ft

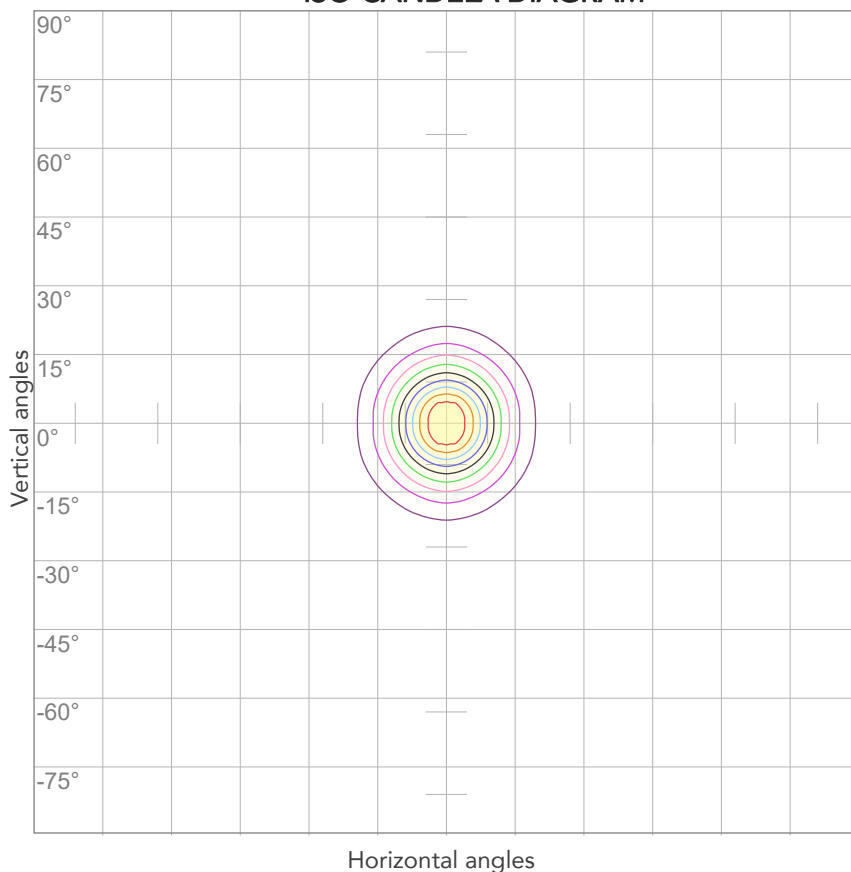
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,441A	92,6W	30lm/W

## ISO CANDELA DIAGRAM



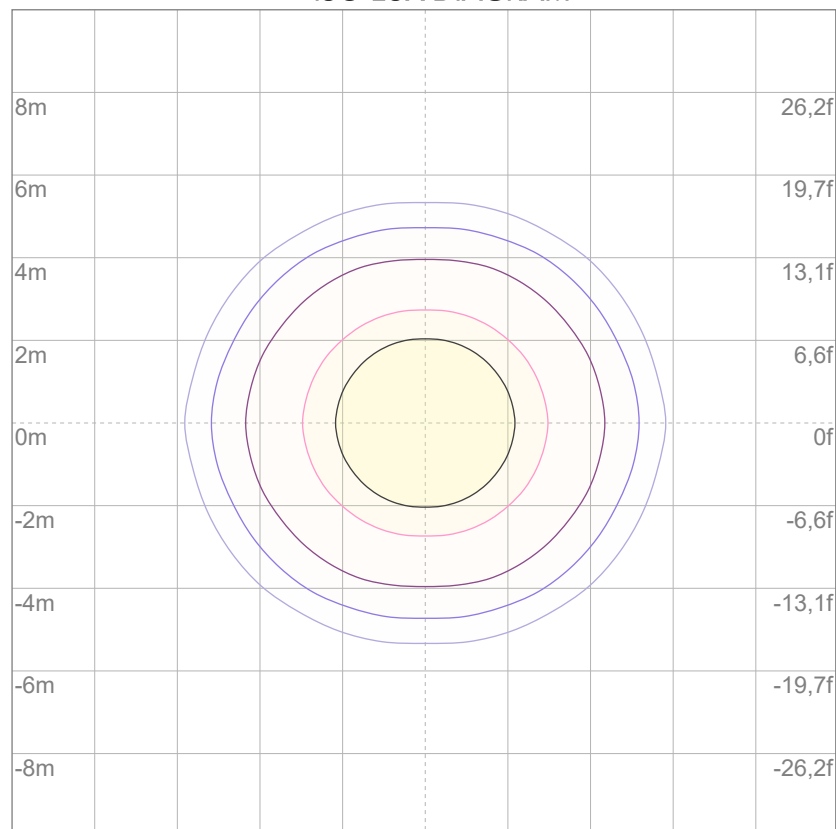
10%	1326 cd
20%	2652 cd
30%	3977 cd
40%	5303 cd
50%	6629 cd
60%	7955 cd
70%	9280 cd
80%	10606 cd

### Conditions:

Number of c-planes: 4

Candela at center: 13258 cd

## ISO LUX DIAGRAM



3%	3,98 lx
5%	6,63 lx
10%	13,3 lx
30%	39,8 lx
50%	66,3 lx

### Conditions:

Number of c-planes: 4

Lux at center: 133 lx

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

Total lumen output:

2783 lm

Peak candela output:

4356 cd

Light quality:

CRI: 94,6

Color temperature:

3201 K



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 40° Filter

Target:

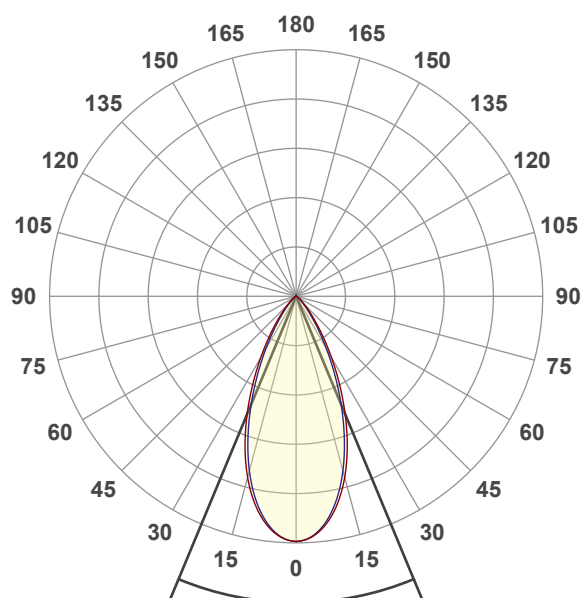
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 12:38:52

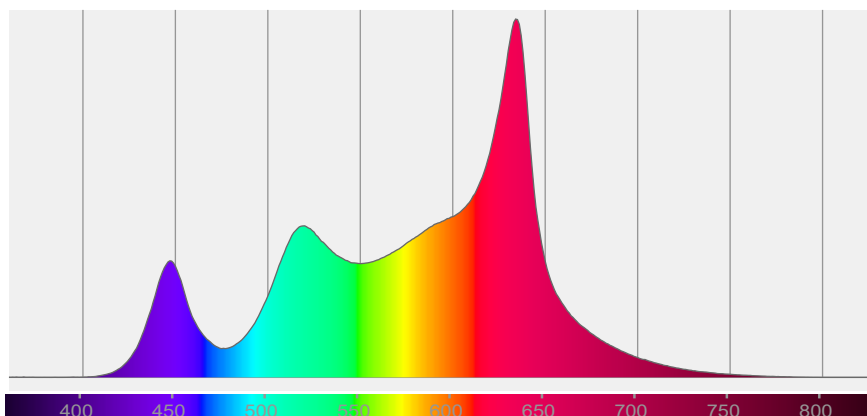


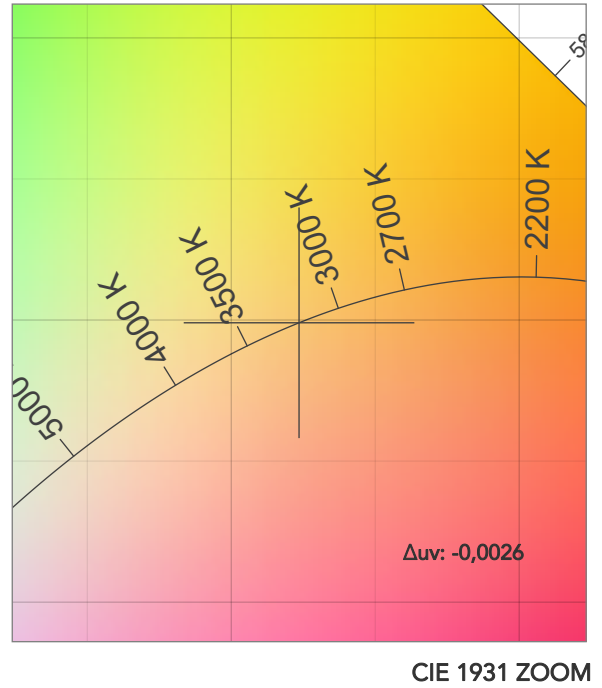
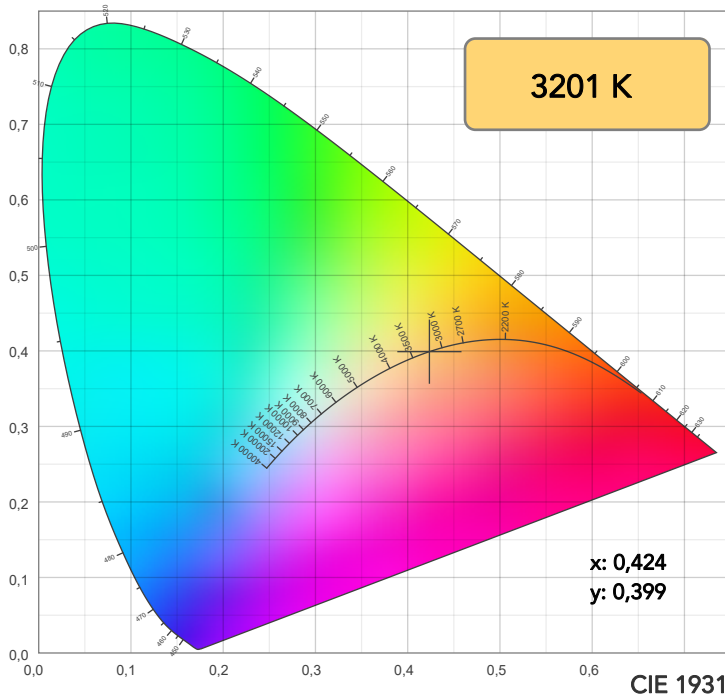
Beam angle 50%: 45,2°

Field angle 10%: 77°

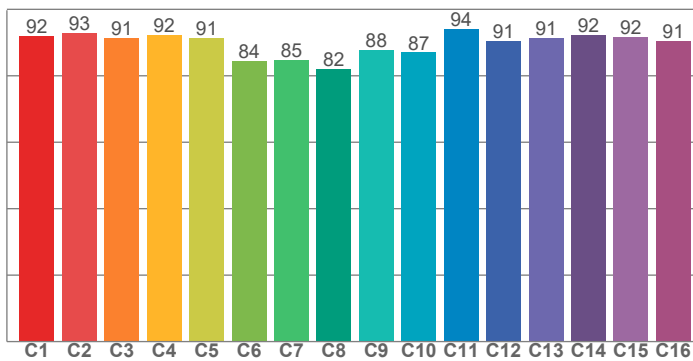
Cut off angle 2.5%: 98,6°

**Spectra**

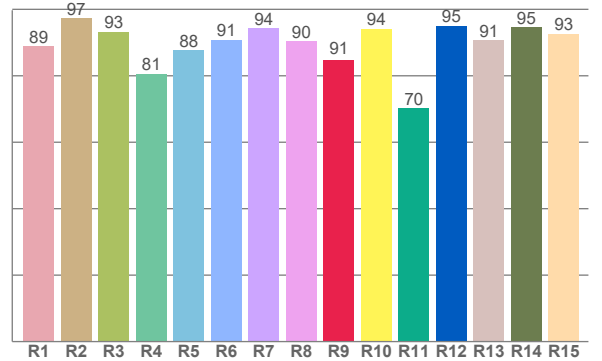




TM30: 90,3



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
88,9	97,4	93,2	80,6	87,7	90,8	94,4	90,4	91	94,1	70,3	95,1	90,7	94,6	92,6

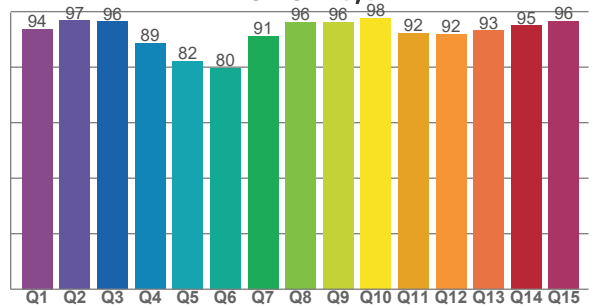
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,1	93,0	91,5	92,3	91,4	84,4	84,8	82,2	87,7	87,0	94,1	90,6	91,4	92,4	91,8	90,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,8	96,7	96,4	88,6	82,2	79,6	91,2	96,2	96,3	97,8	92,3	92,0	93,1	95,0	96,5

CQS: 90,6



## COLOR PARAMETERS

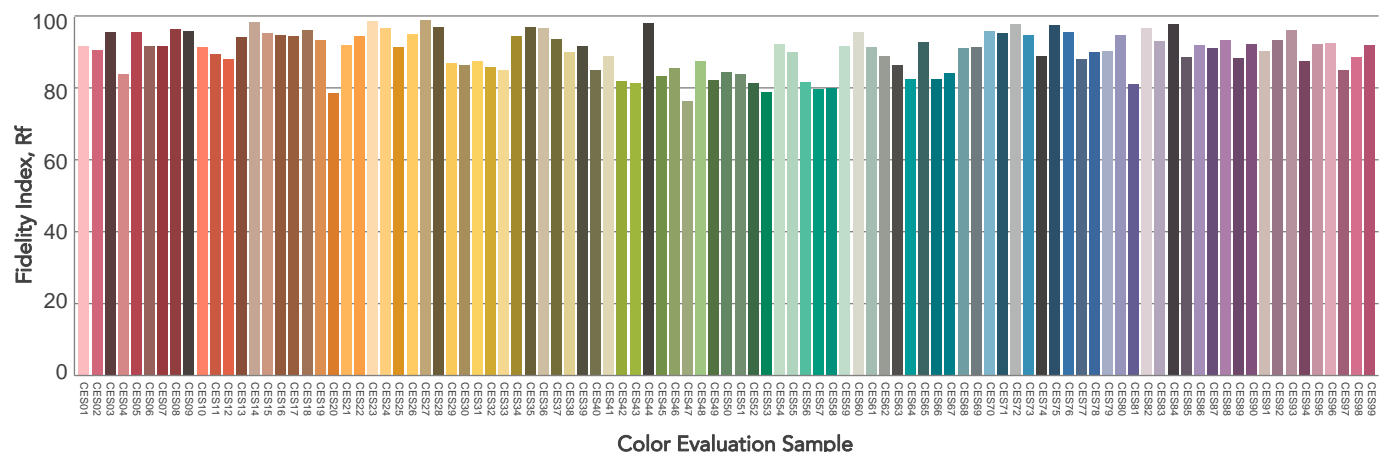
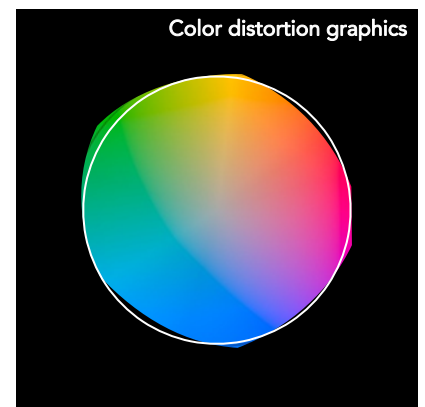
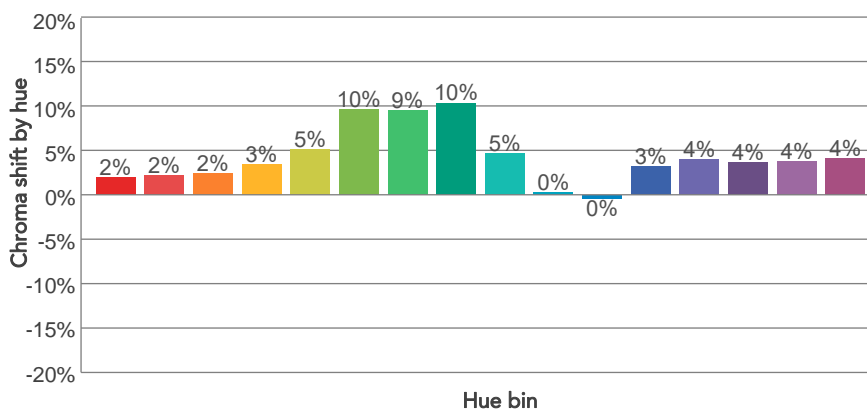
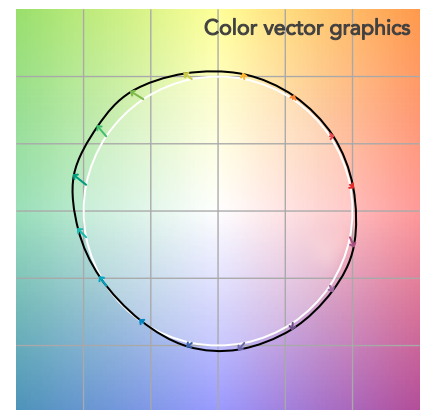
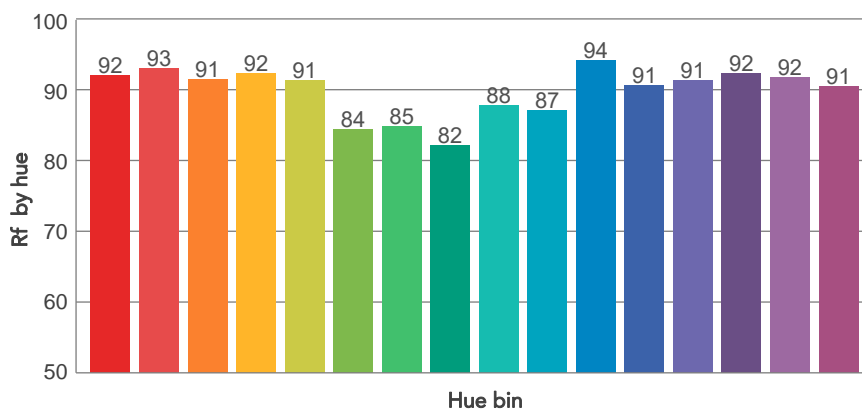
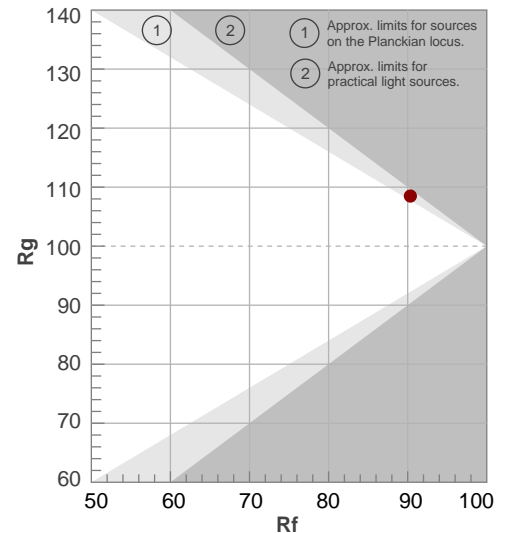
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	$\Delta uv$
3201 K	94,6	91	90,3	108,5	90,6	79	0,424	0,399	-0,0026

# TM30 DETAILS

**Rf 90,3**  
Fidelity index Rf

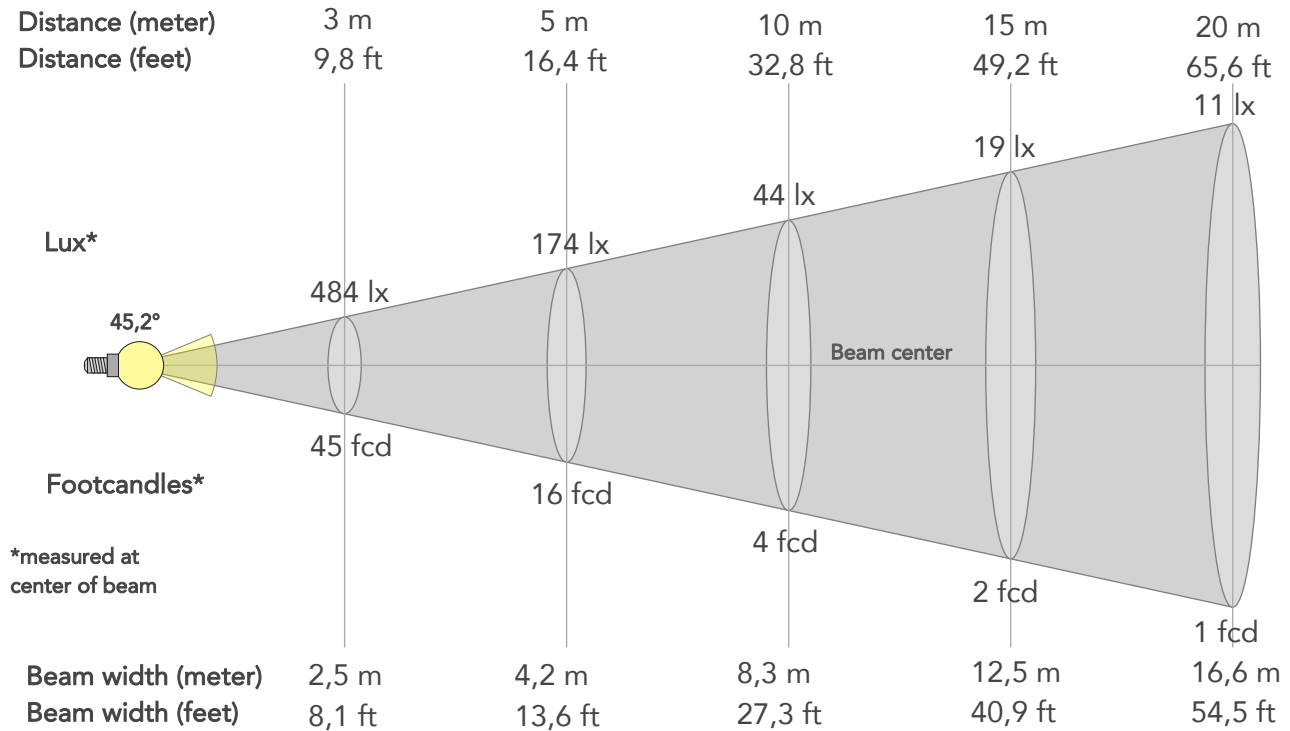
**Rg 108,5**  
Gammut index

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-2%
2	93	2%	-1%
3	91	2%	0%
4	92	3%	2%
5	91	5%	4%
6	84	10%	4%
7	85	9%	-3%
8	82	10%	-5%
9	88	5%	-7%
10	87	0%	-8%
11	94	0%	-3%
12	91	3%	-3%
13	91	4%	-5%
14	92	4%	-3%
15	92	4%	-2%
16	91	4%	-6%



## BEAM DETAILS

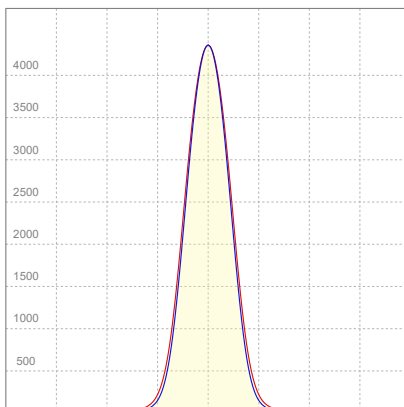
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,2°	77°	98,6°	99,2%	95,2%



### 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	4356lx	1089lx	484lx	272lx	174lx	77lx	44lx	19lx	11lx	7lx	5lx	3lx	2lx
Footcand.	405fcd	101fcd	45fcd	25fcd	16fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,3m	4,2m	6,2m	8,3m	12,5m	16,6m	20,8m	24,9m	33,3m	41,6m
Beam wid.	2,7ft	5,5ft	8,1ft	10,9ft	13,6ft	20,5ft	27,3ft	40,9ft	54,5ft	68,2ft	81,8ft	109,1ft	136,4ft

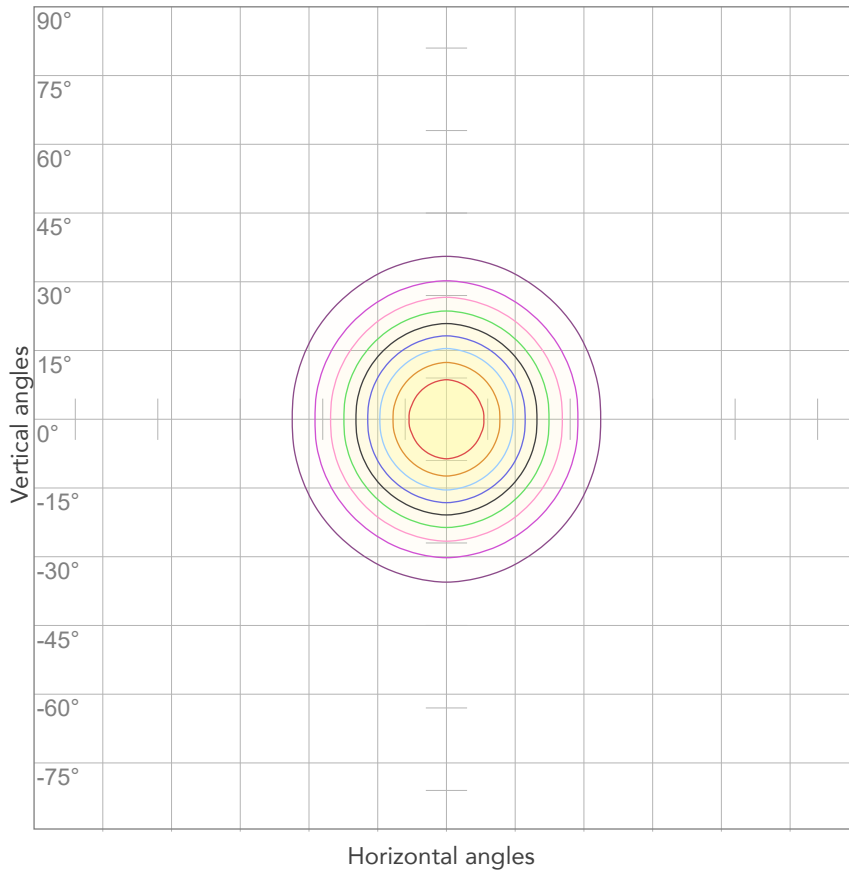
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,439A	92,5W	30lm/W

## ISO CANDELA DIAGRAM



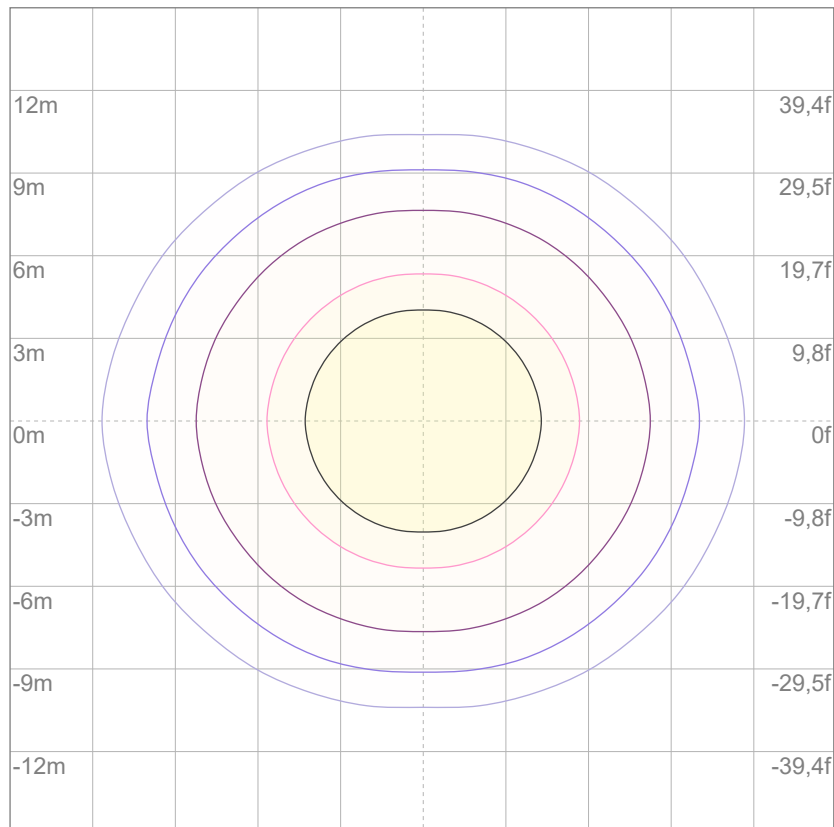
10%	436 cd
20%	871 cd
30%	1307 cd
40%	1743 cd
50%	2178 cd
60%	2614 cd
70%	3050 cd
80%	3485 cd

### Conditions:

Number of c-planes: 4

Candela at center: 4356 cd

## ISO LUX DIAGRAM



3%	1,31 lx
5%	2,18 lx
10%	4,36 lx
30%	13,1 lx
50%	21,8 lx

### Conditions:

Number of c-planes: 4

Lux at center: 43,6 lx

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



Total lumen output:

2768 lm

Peak candela output:

3218 cd

Light quality:

CRI: 94,6

Color temperature:

3201 K

**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 60° Filter

Target:

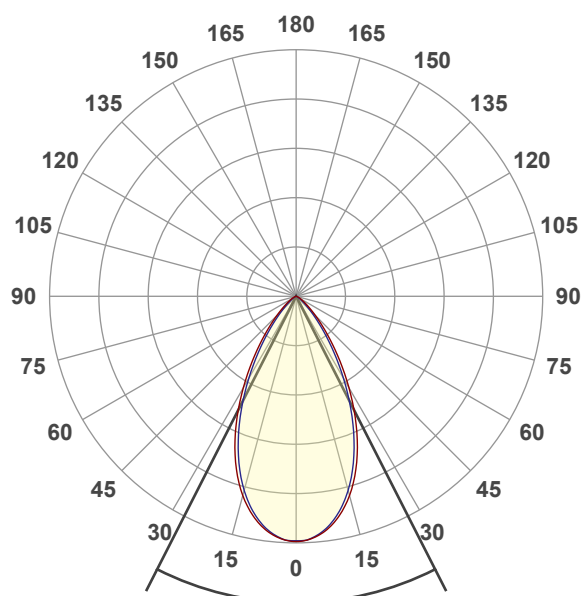
3200K

Operator:

Paolo Carvone

Date and time:

20/09/2022 12:46:28

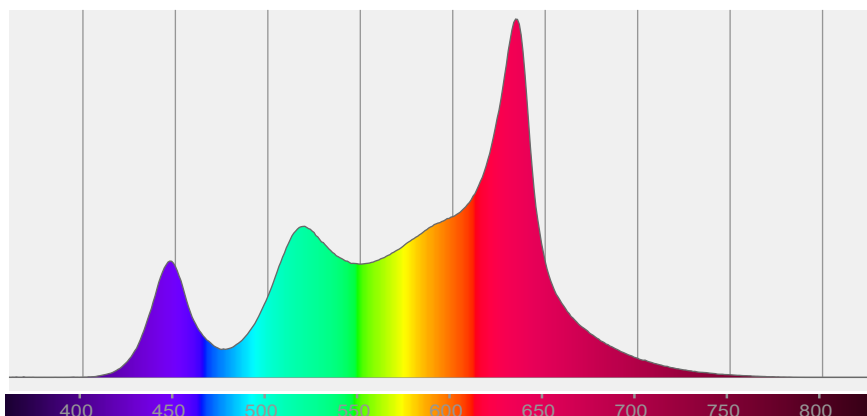


Beam angle 50%: 54°

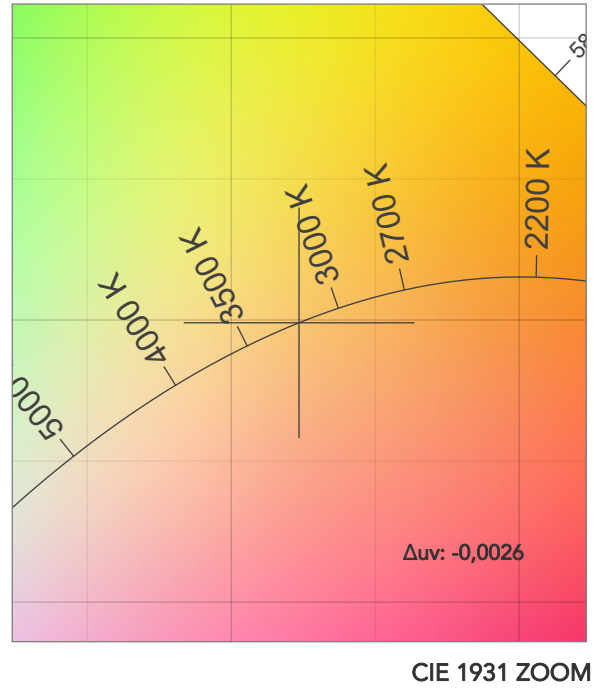
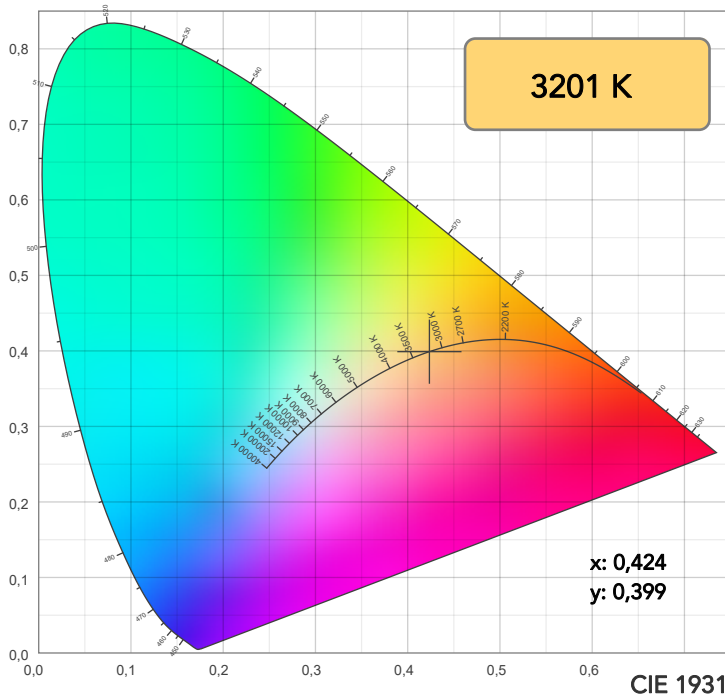
Field angle 10%: 89,2°

Cut off angle 2.5%: 111,9°

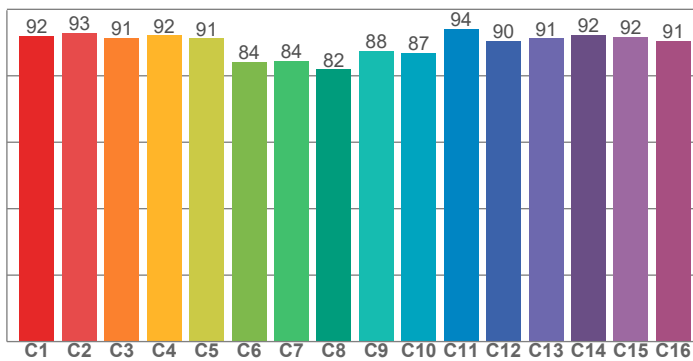
**Spectra**



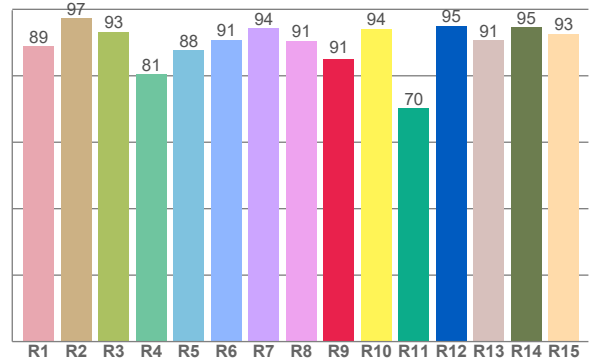




TM30: 90,2



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
88,9	97,4	93,2	80,6	87,7	90,8	94,4	90,5	91	94,2	70,2	95,0	90,8	94,6	92,7

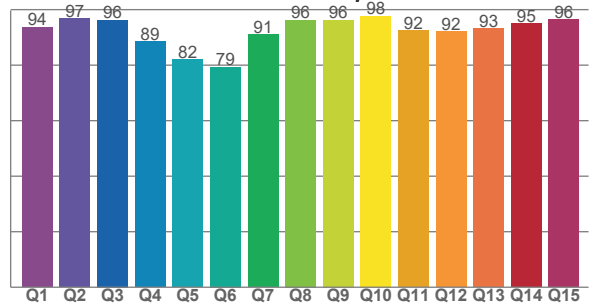
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,0	93,0	91,4	92,2	91,2	84,2	84,5	82,0	87,6	86,8	94,0	90,5	91,3	92,3	91,7	90,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,6	96,7	96,3	88,5	82,0	79,4	91,0	96,3	96,3	97,7	92,4	92,1	93,2	95,0	96,4

CQS: 90,5



## COLOR PARAMETERS

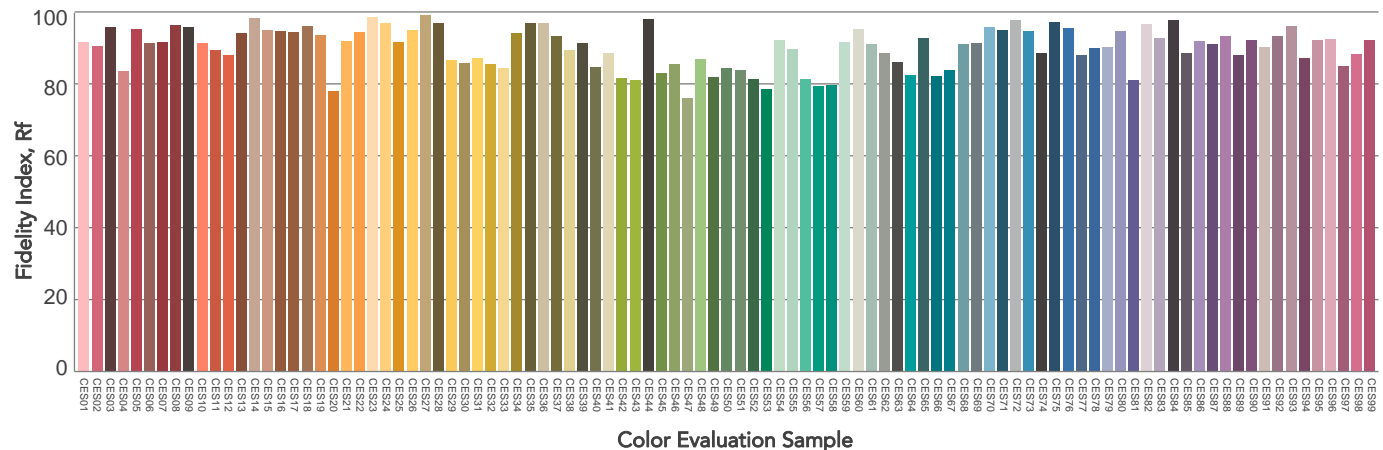
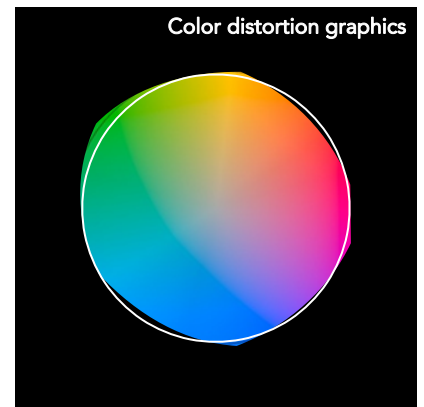
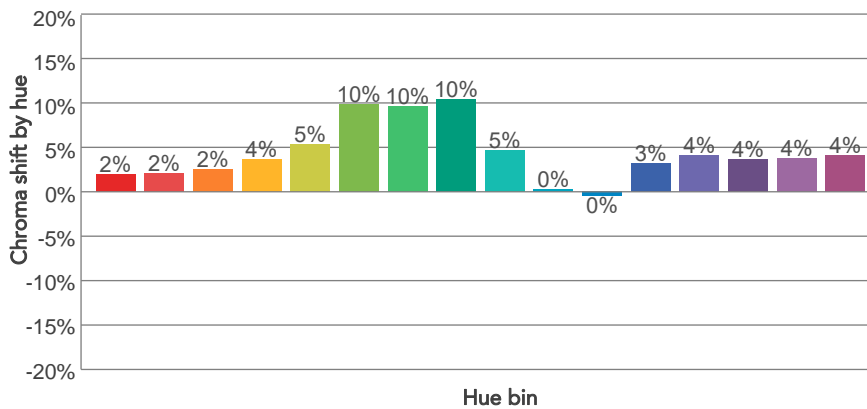
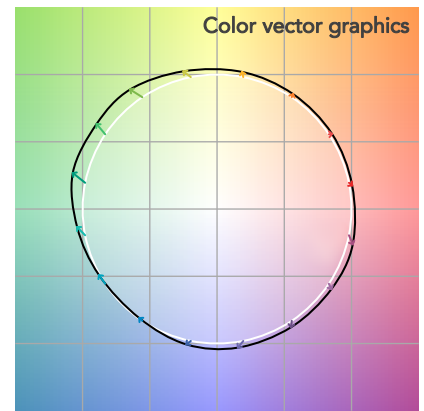
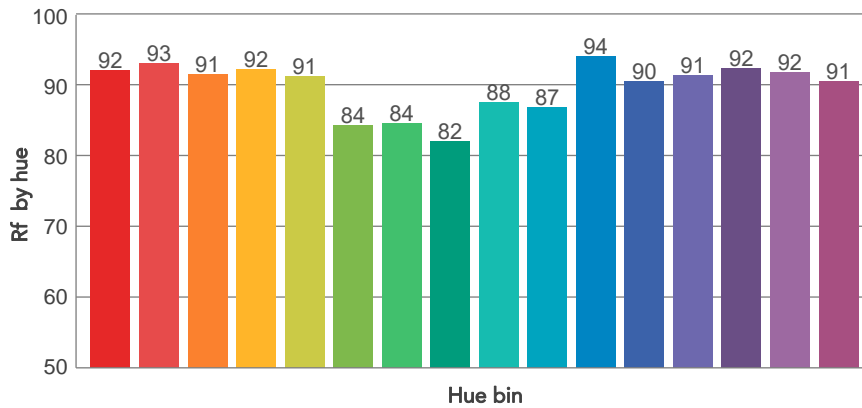
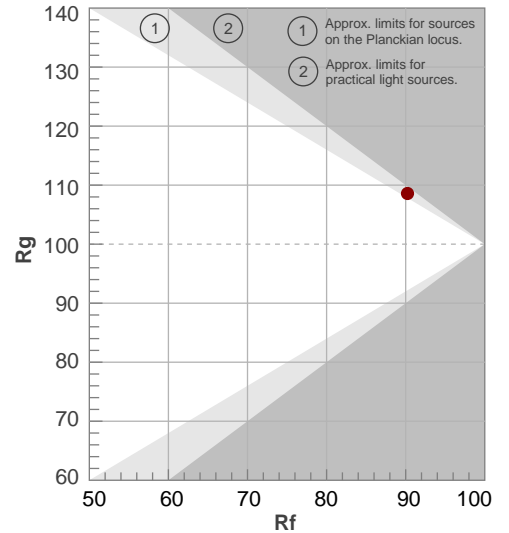
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	$\Delta uv$
3201 K	94,6	91	90,2	108,6	90,5	79	0,424	0,399	-0,0026

# TM30 DETAILS

**Rf 90,2**  
Fidelity index Rf

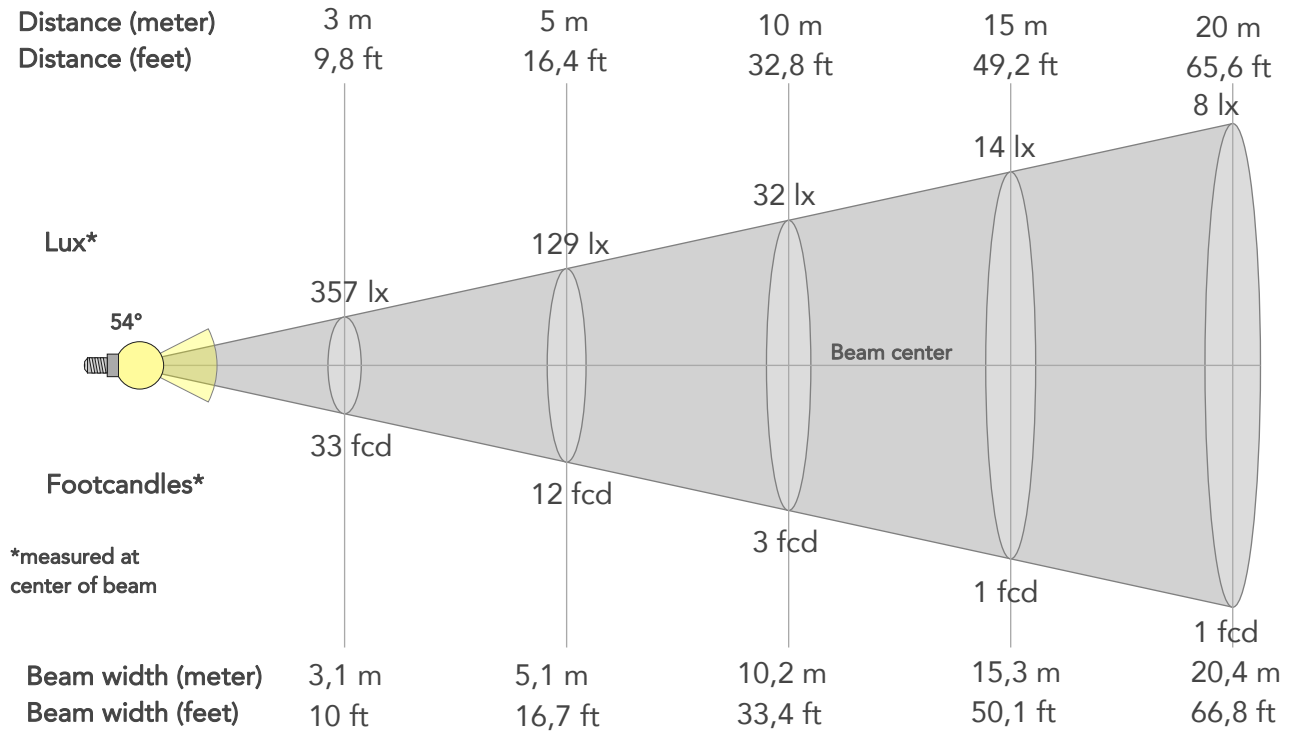
**Rg 108,6**  
Gammut index

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



## BEAM DETAILS

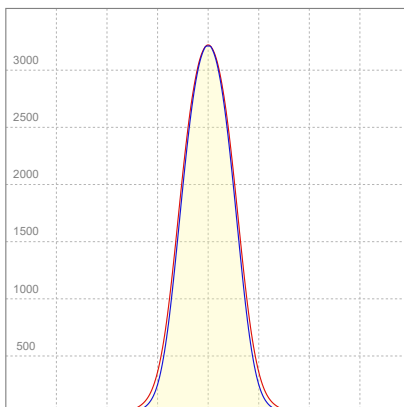
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
54°	89,2°	111,9°	98,9%	92,4%



### BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	3213lx	803lx	357lx	201lx	129lx	57lx	32lx	14lx	8lx	5lx	4lx	2lx	1lx
Footcand.	299fcd	75fcd	33fcd	19fcd	12fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2m	3,1m	4,1m	5,1m	7,6m	10,2m	15,3m	20,4m	25,5m	30,5m	40,7m	50,9m
Beam wid.	3,4ft	6,7ft	10ft	13,3ft	16,7ft	25ft	33,4ft	50,1ft	66,8ft	83,5ft	100,2ft	133,6ft	167ft

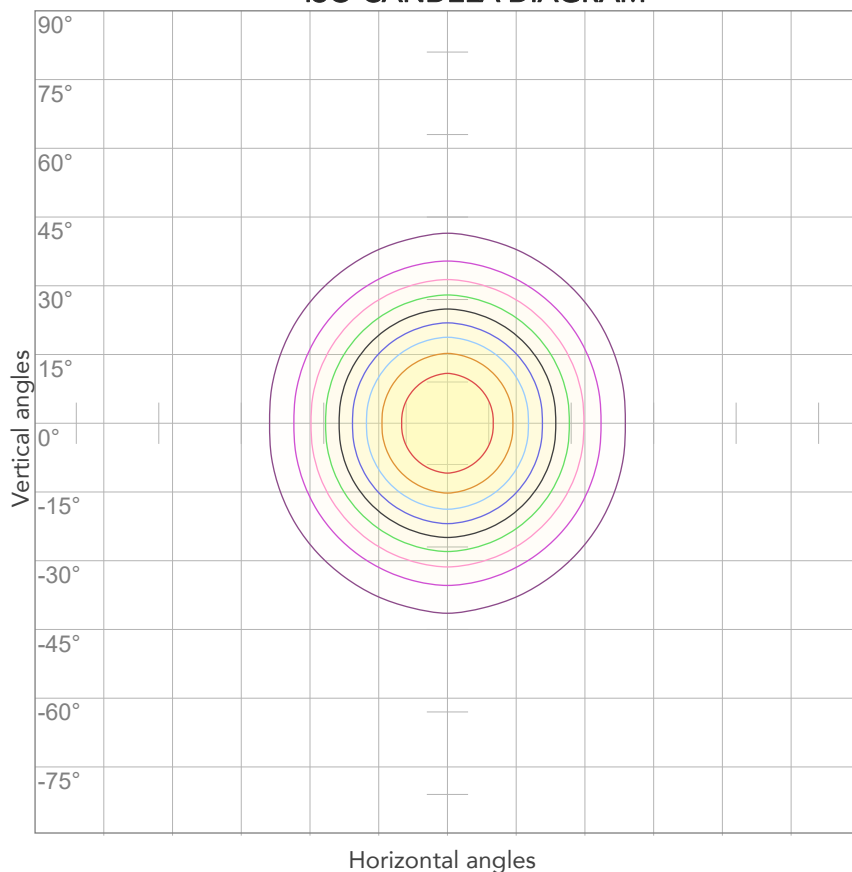
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,439A	92,5W	30lm/W

## ISO CANDELA DIAGRAM



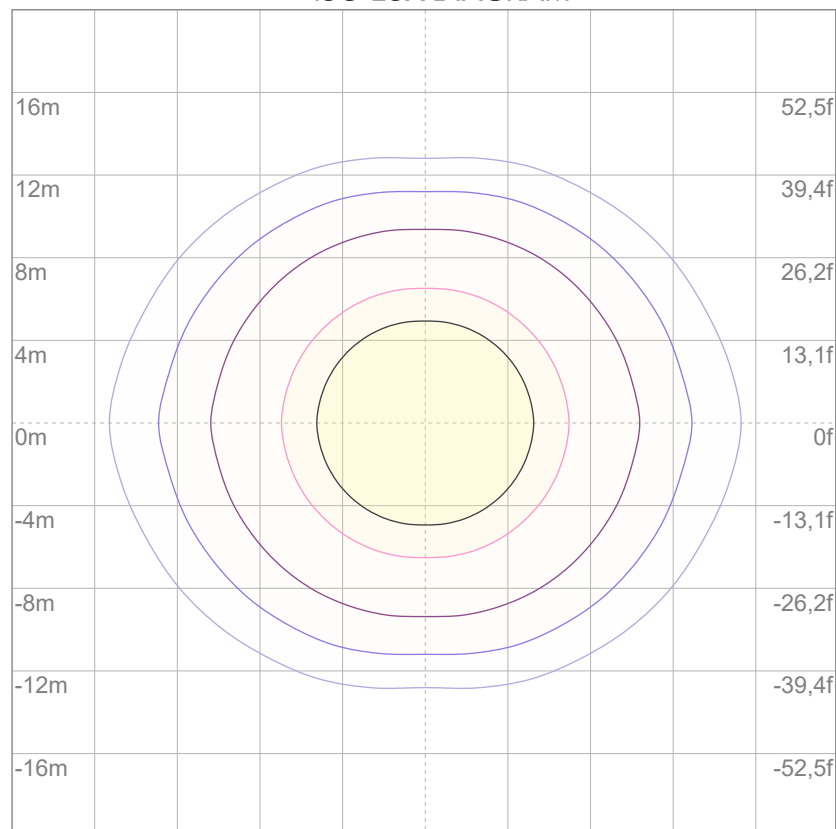
10%	321 cd
20%	643 cd
30%	964 cd
40%	1285 cd
50%	1607 cd
60%	1928 cd
70%	2249 cd
80%	2570 cd

### Conditions:

Number of c-planes: 4

Candela at center: 3213 cd

## ISO LUX DIAGRAM



3%	0,964 lx
5%	1,61 lx
10%	3,21 lx
30%	9,64 lx
50%	16,1 lx

### Conditions:

Number of c-planes: 4

Lux at center: 32,1 lx

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

Total lumen output:

3191 lm

Peak candela output:

85550 cd

Light quality:

CRI: 96,4

Color temperature:

5606 K



PRODUCT NAME:

LUMIPIXXB050

MEASURAMENT CONDITIONS:

Beam angle:

Native Optic No. Filter

Target:

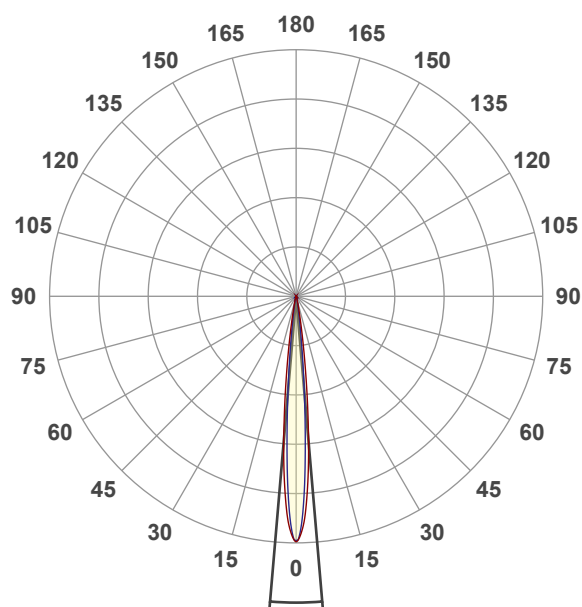
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:51:03

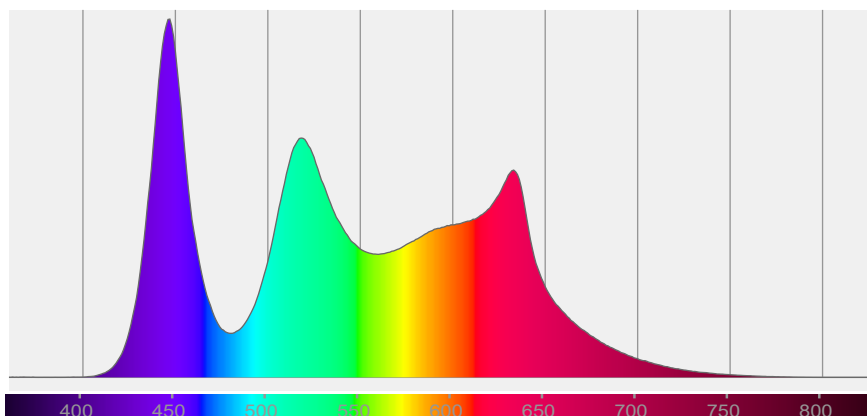


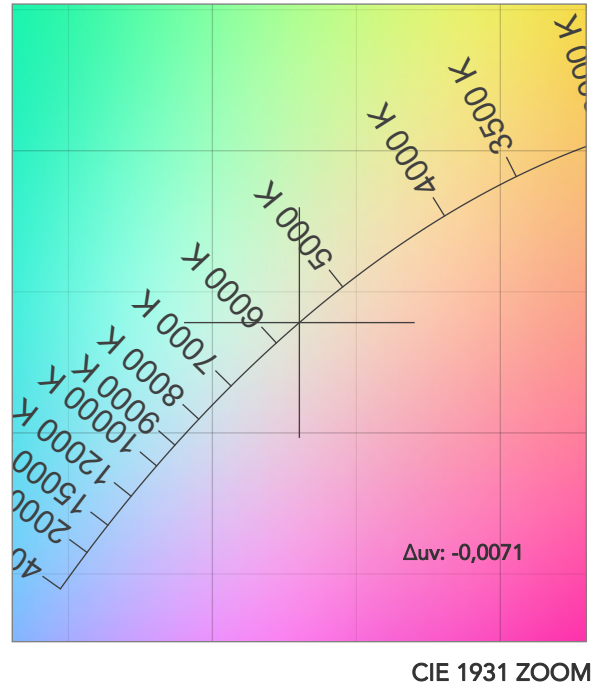
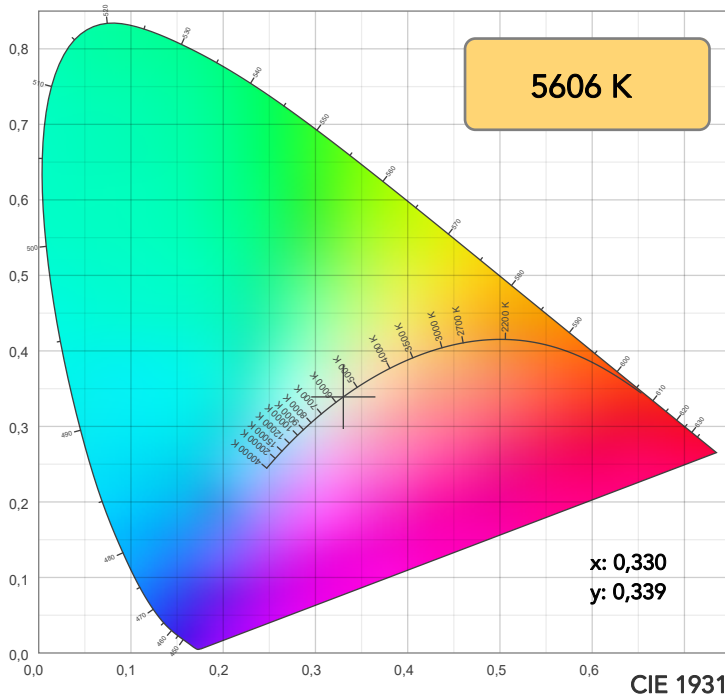
Beam angle 50%: 9,8°

Field angle 10%: 18°

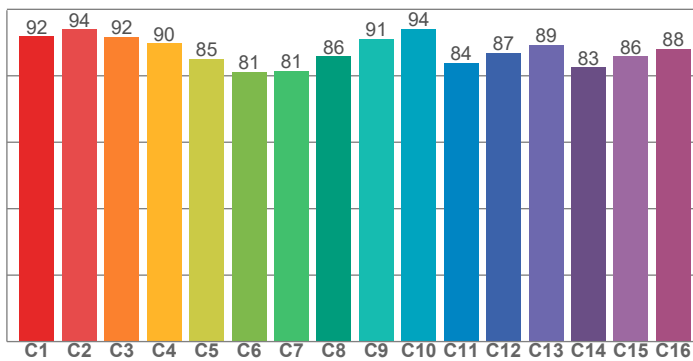
Cut off angle 2.5%: 25,6°

Spectra

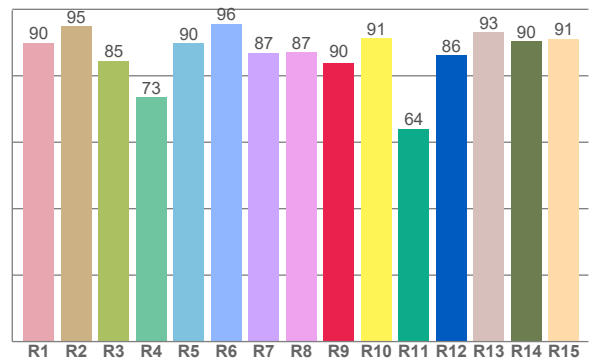




TM30: 87,7



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
89,9	94,9	84,5	73,5	89,7	95,6	87,0	87,1	90	91,3	64,1	86,2	93,0	90,4	91,1

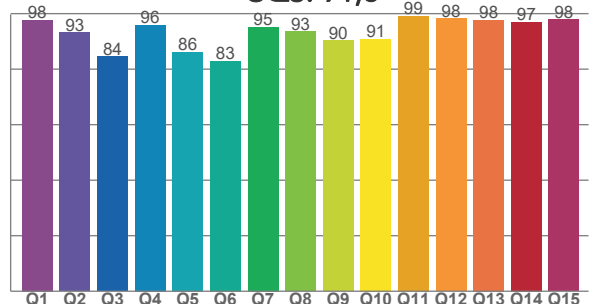
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,8	94,0	91,7	89,8	85,1	81,1	81,5	85,8	91,2	94,1	84,0	86,8	89,2	82,6	85,8	88,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,7	93,1	84,5	96,0	86,2	82,9	95,1	93,5	90,3	90,8	99,2	98,3	97,7	97,0	97,8

CQS: 91,6



## COLOR PARAMETERS

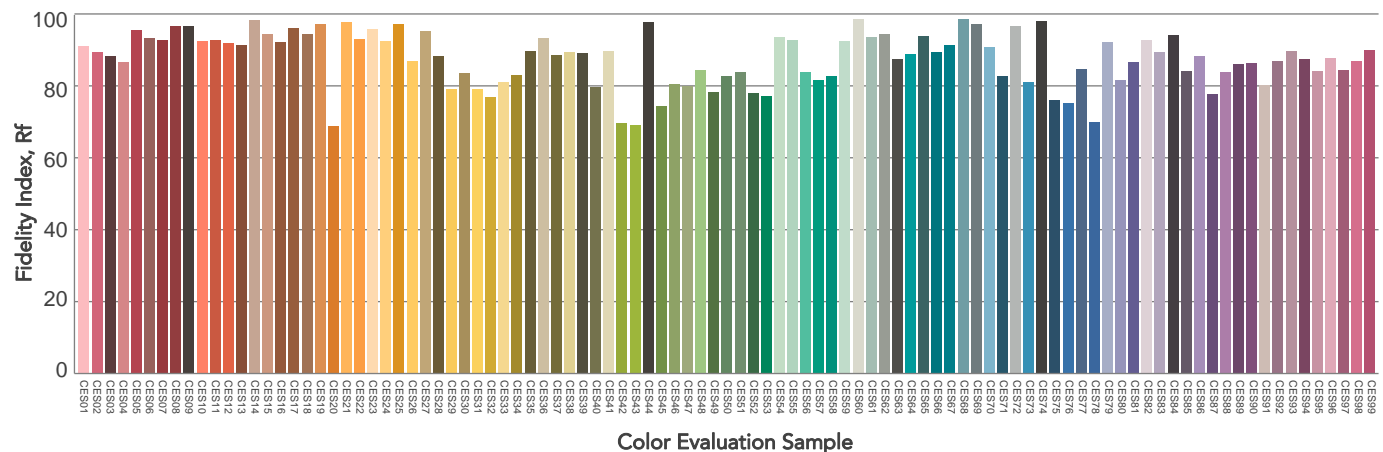
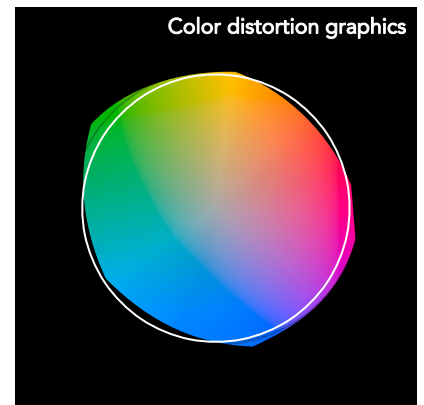
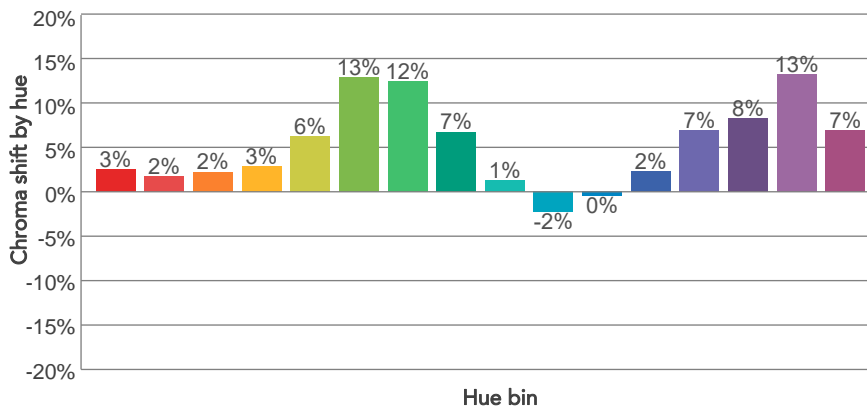
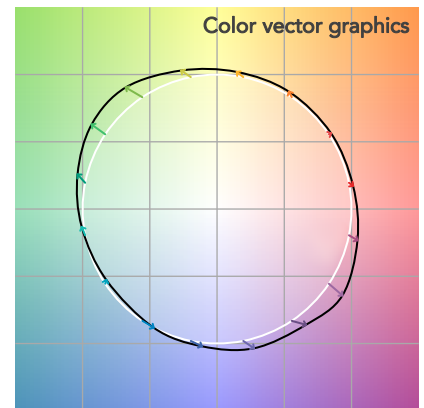
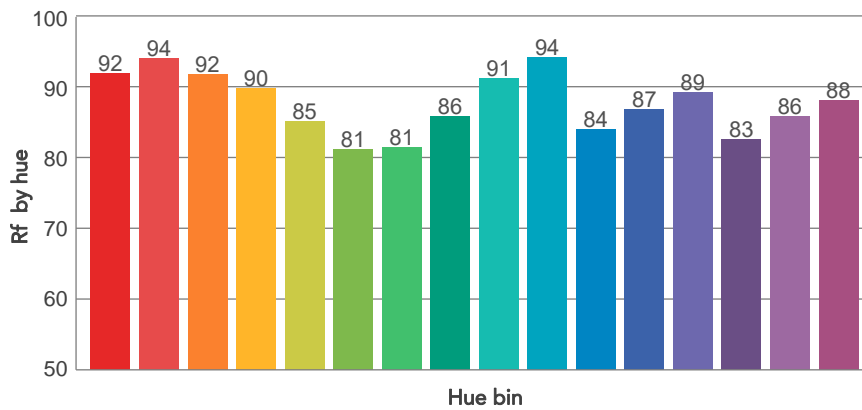
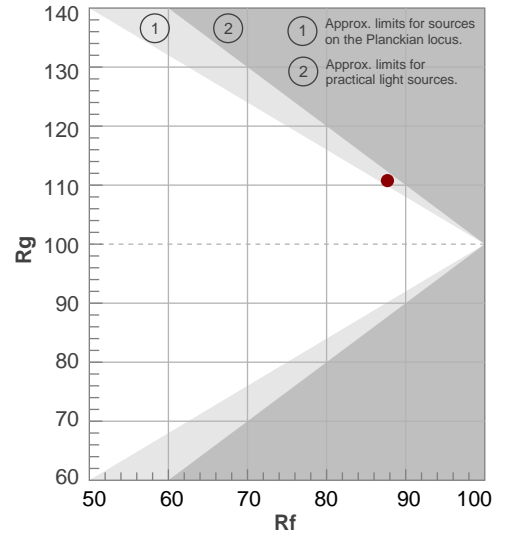
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	$\Delta uv$
5606 K	96,4	90	87,7	110,8	91,6	75	0,330	0,339	-0,0071

# TM30 DETAILS

**Rf 87,7**  
Fidelity index Rf

**Rg 110,8**  
Gammut index

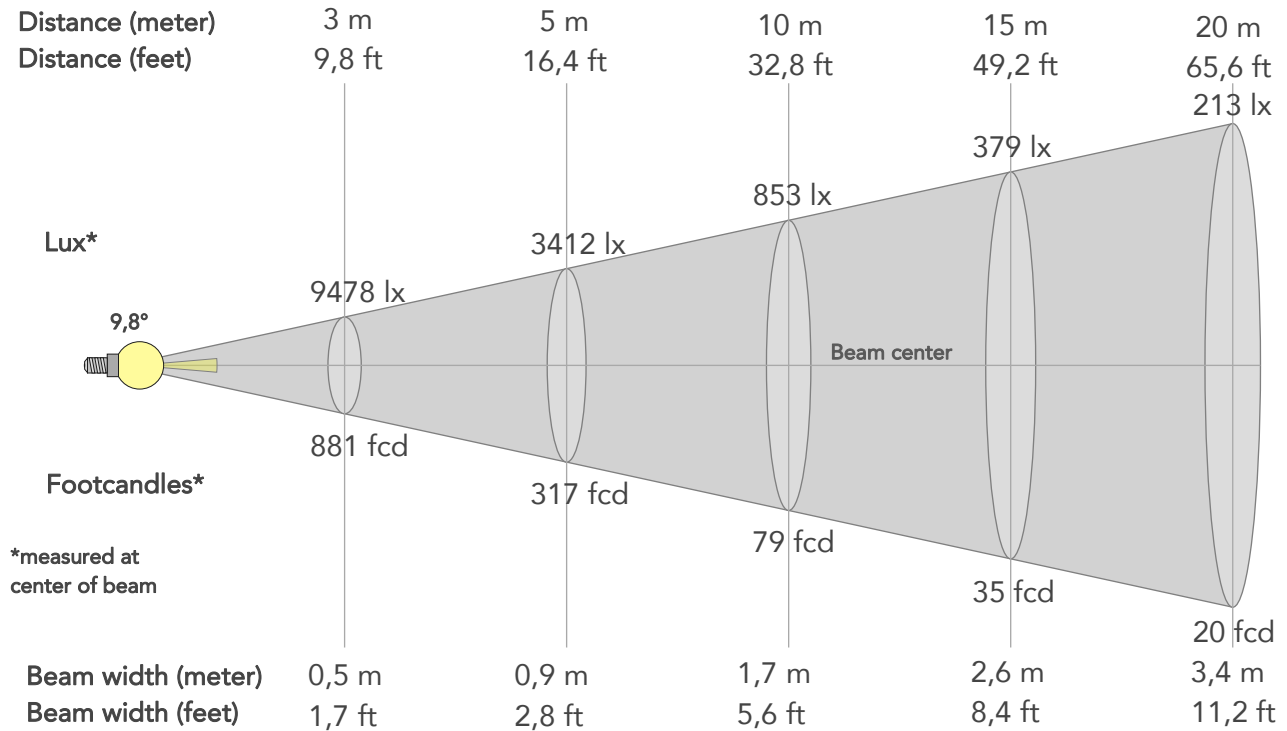
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	92	3%	-3%
2	94	2%	0%
3	92	2%	4%
4	90	3%	6%
5	85	6%	6%
6	81	13%	6%
7	81	12%	0%
8	86	7%	-5%
9	91	1%	-6%
10	94	-2%	-2%
11	84	0%	10%
12	87	2%	9%
13	89	7%	7%
14	83	8%	7%
15	86	13%	-2%
16	88	7%	-2%



## BEAM DETAILS



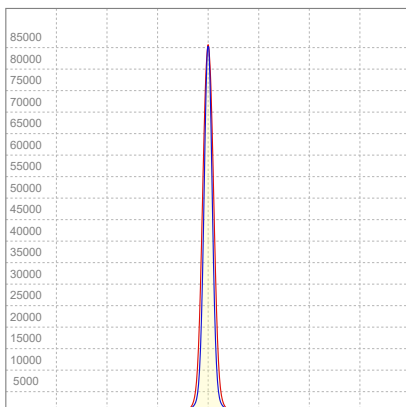
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,8°	18°	25,6°	100,0%	100,0%



### 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	85306lx	21327lx	9478lx	5332lx	3412lx	1517lx	853lx	379lx	213lx	136lx	95lx	53lx	34lx
Footcand.	7925fcd	1981fcd	881fcd	495fcd	317fcd	141fcd	79fcd	35fcd	20fcd	13fcd	9fcd	5fcd	3fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,9m	1,3m	1,7m	2,6m	3,4m	4,3m	5,1m	6,8m	8,5m
Beam wid.	0,6ft	1,1ft	1,7ft	2,2ft	2,8ft	4,2ft	5,6ft	8,4ft	11,2ft	14ft	16,8ft	22,4ft	28ft

### LINEAR DISTRIBUTION DIAGRAM

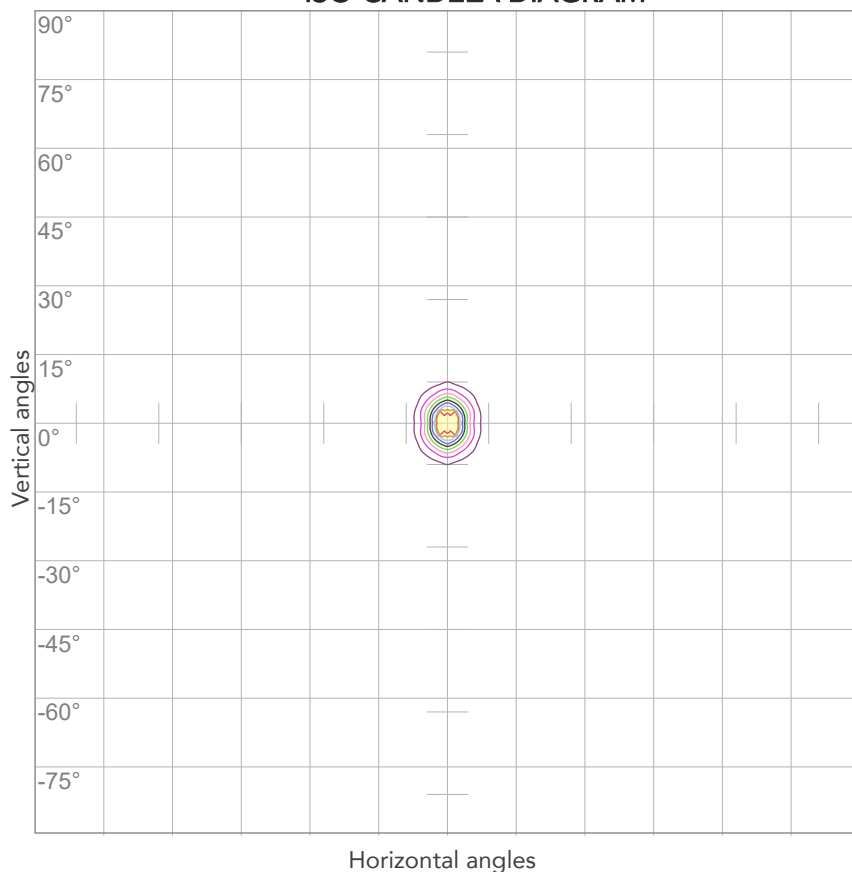


### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,504A	106W	30lm/W



## ISO CANDELA DIAGRAM



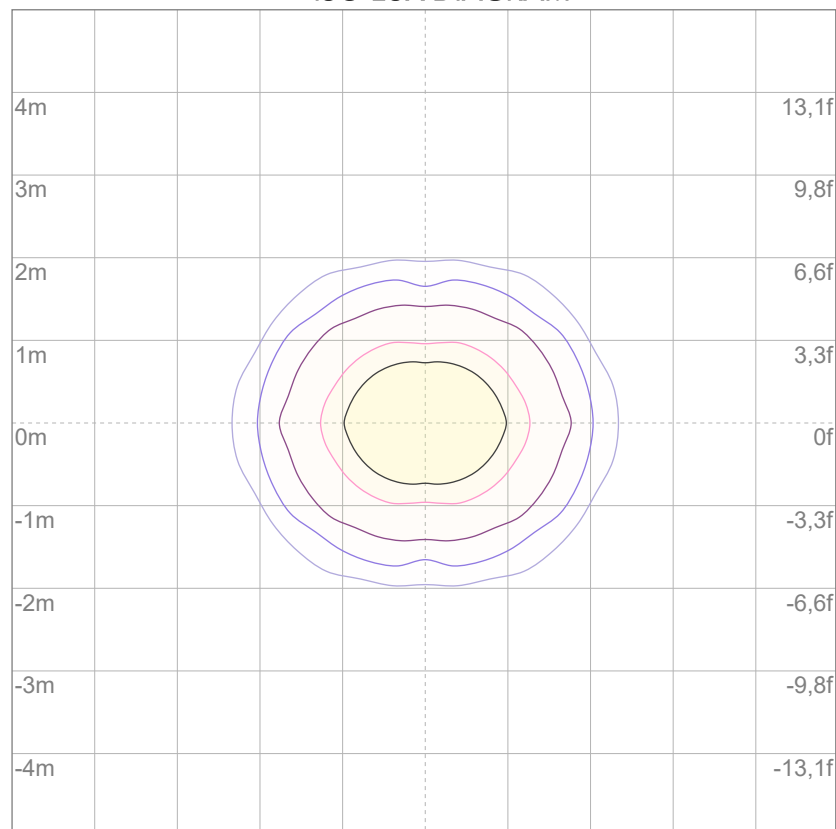
10%	8531 cd
20%	17061 cd
30%	25592 cd
40%	34122 cd
50%	42653 cd
60%	51184 cd
70%	59714 cd
80%	68245 cd

### Conditions:

Number of c-planes: 4

Candela at center: 85306 cd

## ISO LUX DIAGRAM



3%	25,6 lx
5%	42,7 lx
10%	85,3 lx
30%	256 lx
50%	427 lx

### Conditions:

Number of c-planes: 4

Lux at center: 853 lx

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

Total lumen output:

2828 lm

Peak candela output:

64123 cd

Light quality:

CRI: 96,4

Color temperature:

5608 K



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + Smooth 5° Filter

Target:

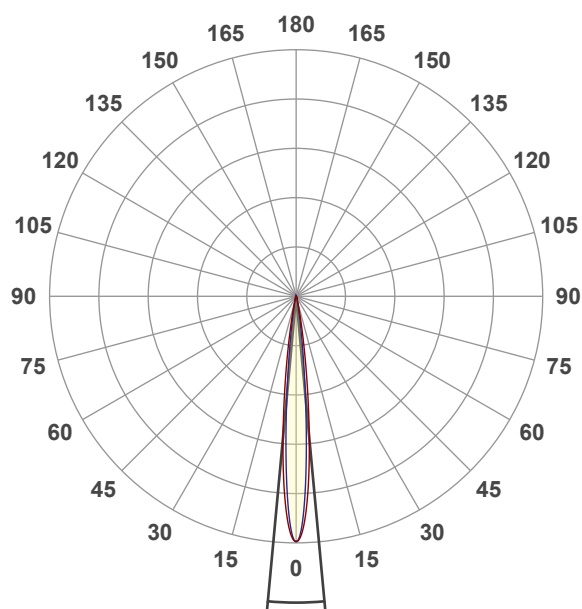
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 11:59:25

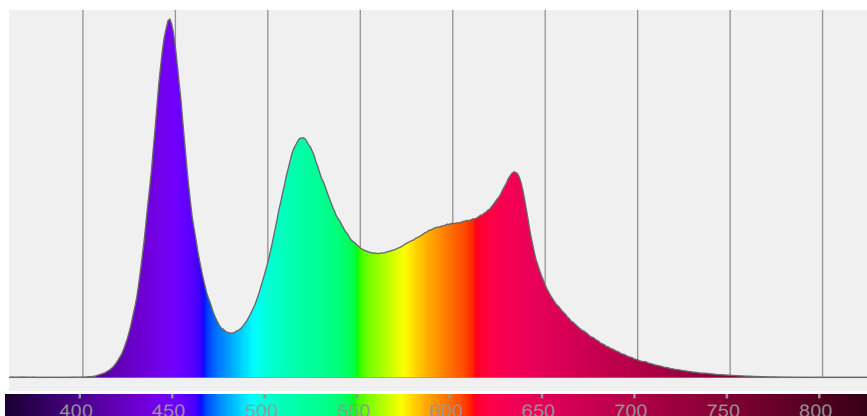


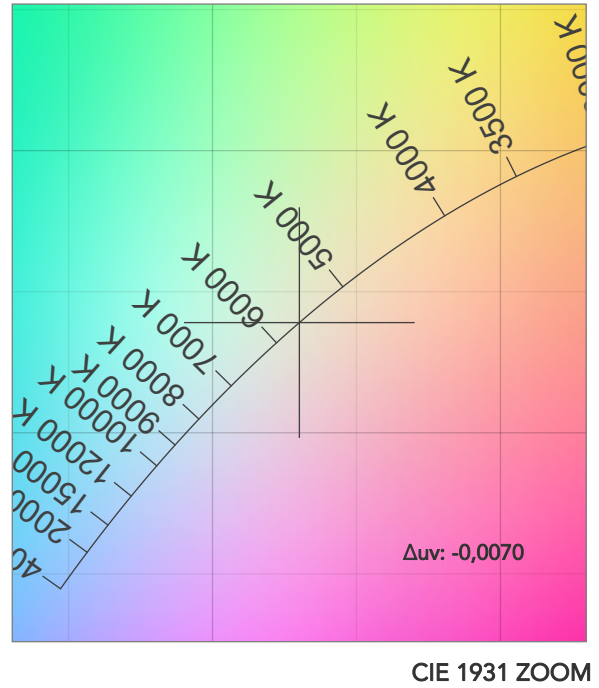
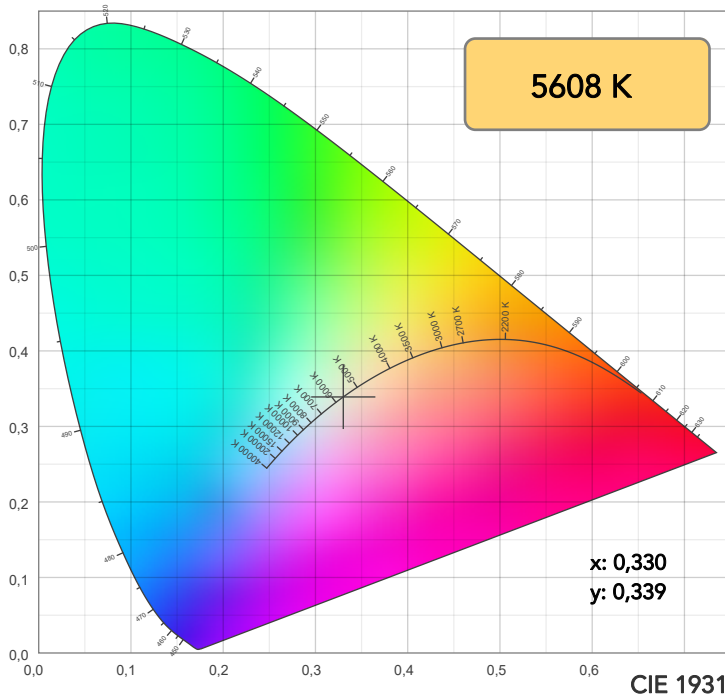
Beam angle 50%: 10,6°

Field angle 10%: 19,9°

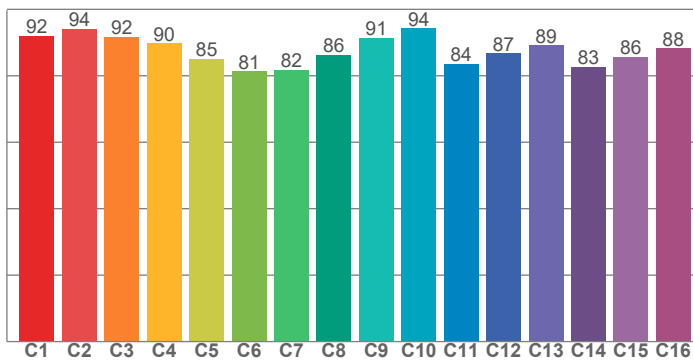
Cut off angle 2.5%: 28,5°

**Spectra**

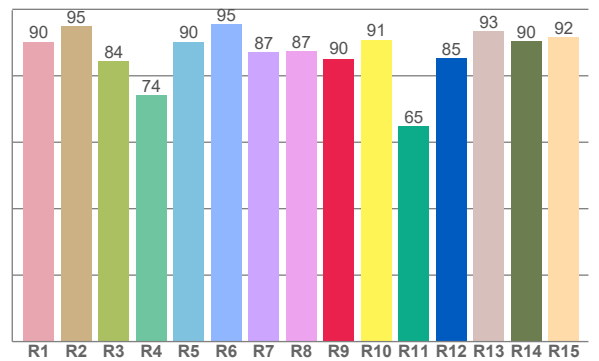




TM30: 87,8



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	84,4	74,1	90,2	95,4	87,1	87,5	90	90,8	64,8	85,3	93,3	90,4	91,5

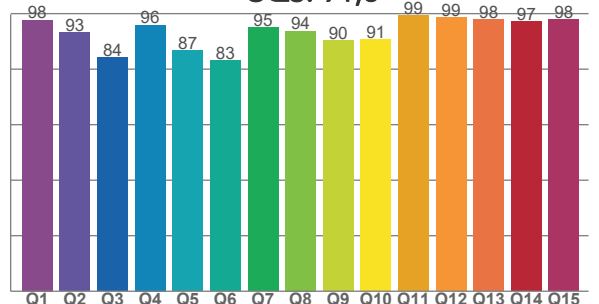
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,1	94,2	91,6	89,8	85,1	81,4	81,8	86,2	91,5	94,3	83,6	86,7	89,2	82,8	85,7	88,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,7	93,2	84,1	95,9	86,7	83,1	95,0	93,7	90,3	90,6	99,3	98,6	97,9	97,1	97,8

CQS: 91,6



## COLOR PARAMETERS

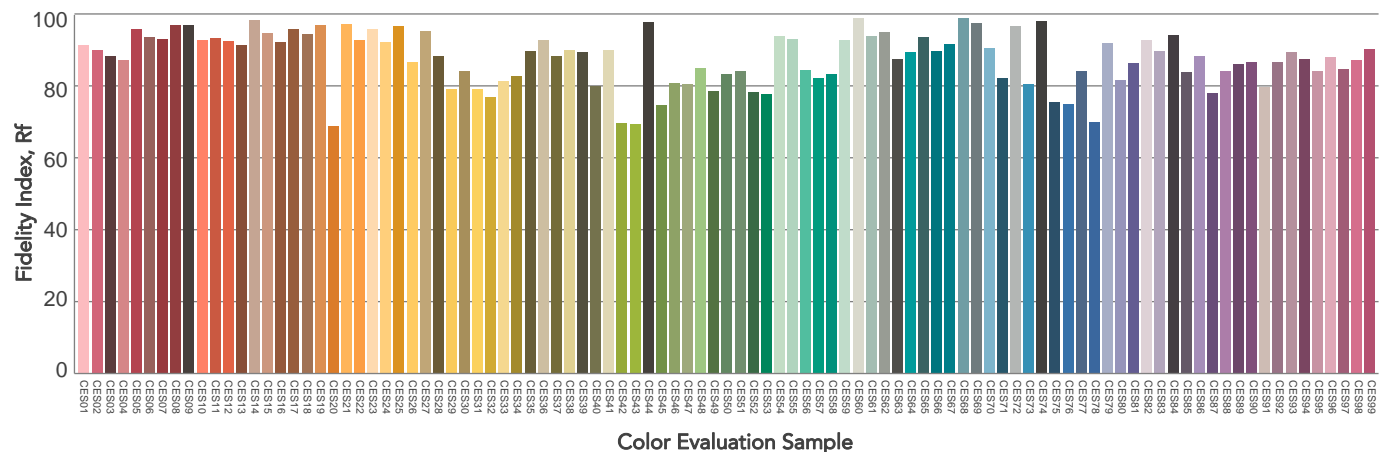
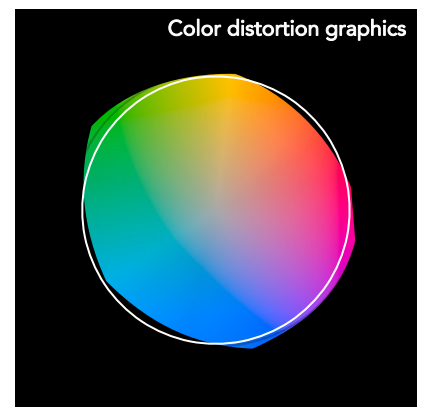
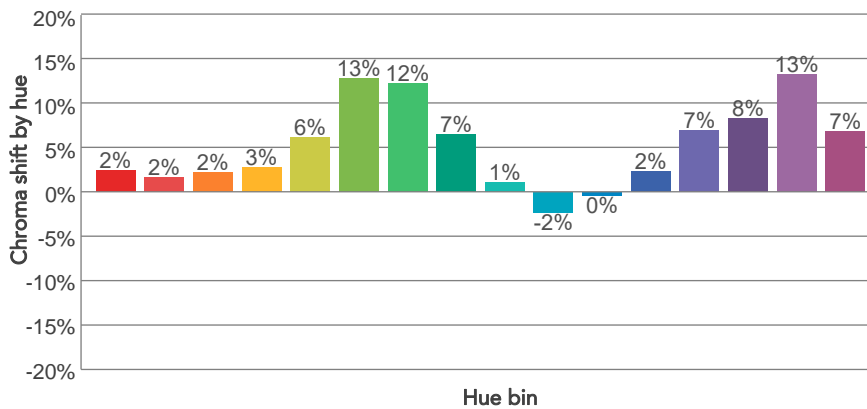
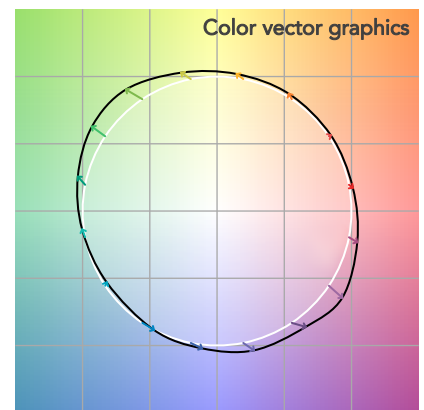
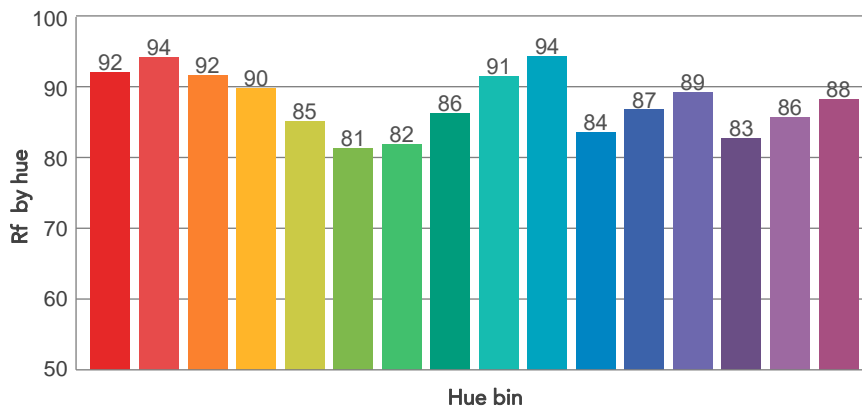
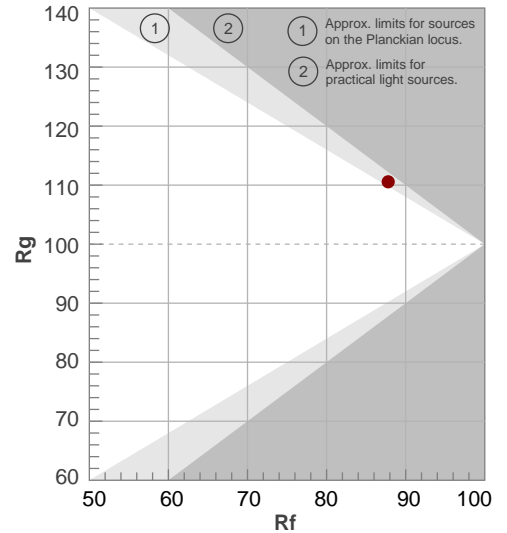
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5608 K	96,4	90	87,8	110,6	91,6	76	0,330	0,339	-0,0070

# TM30 DETAILS

**Rf 87,8**  
Fidelity index Rf

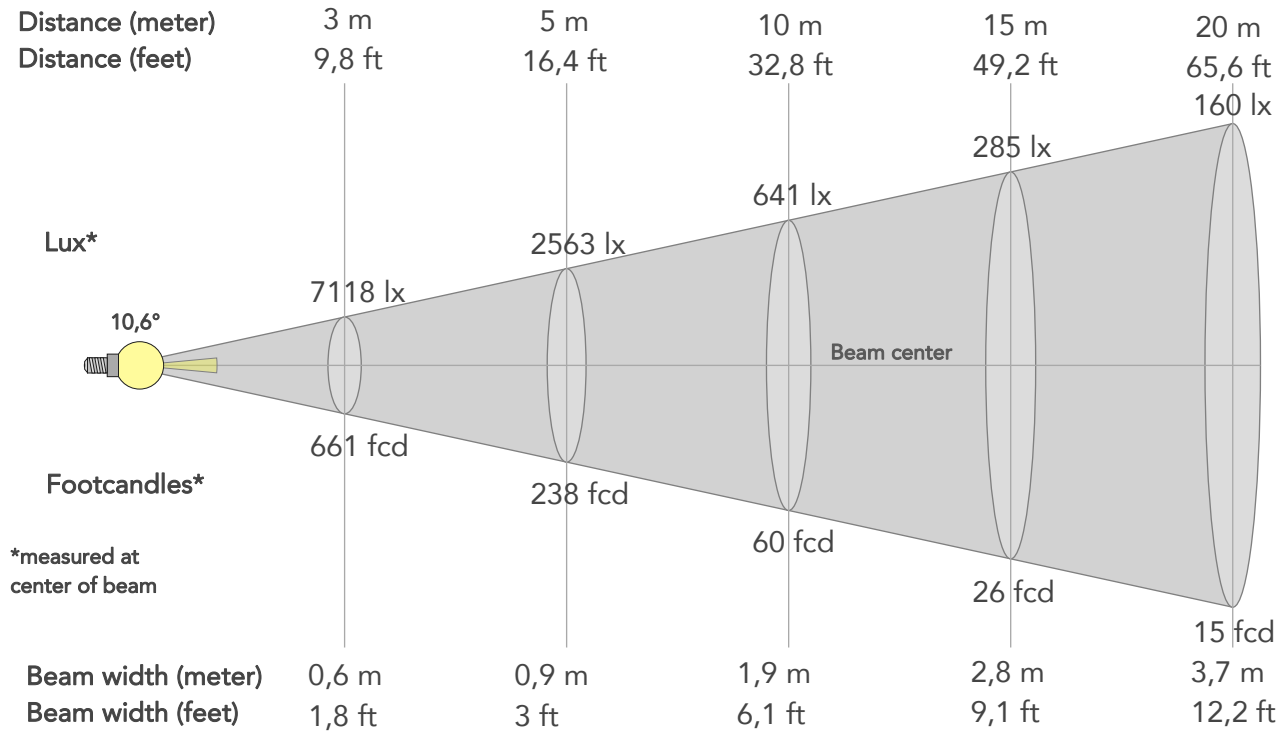
**Rg 110,6**  
Gammut index

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	94	2%	0%
3	92	2%	4%
4	90	3%	6%
5	85	6%	6%
6	81	13%	6%
7	82	12%	0%
8	86	7%	-5%
9	91	1%	-6%
10	94	-2%	-1%
11	84	0%	10%
12	87	2%	9%
13	89	7%	7%
14	83	8%	7%
15	86	13%	-2%
16	88	7%	-2%



## BEAM DETAILS

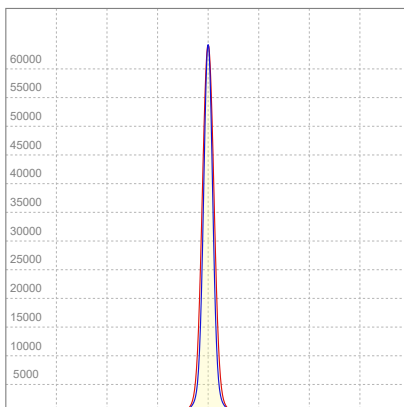
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,6°	19,9°	28,5°	100,0%	100,0%



### 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	64063lx	16016lx	7118lx	4004lx	2563lx	1139lx	641lx	285lx	160lx	103lx	71lx	40lx	26lx
Footcand.	5952fcd	1488fcd	661fcd	372fcd	238fcd	106fcd	60fcd	26fcd	15fcd	10fcd	7fcd	4fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,7m	0,9m	1,4m	1,9m	2,8m	3,7m	4,6m	5,6m	7,4m	9,3m
Beam wid.	0,6ft	1,2ft	1,8ft	2,4ft	3ft	4,6ft	6,1ft	9,1ft	12,2ft	15,2ft	18,3ft	24,4ft	30,4ft

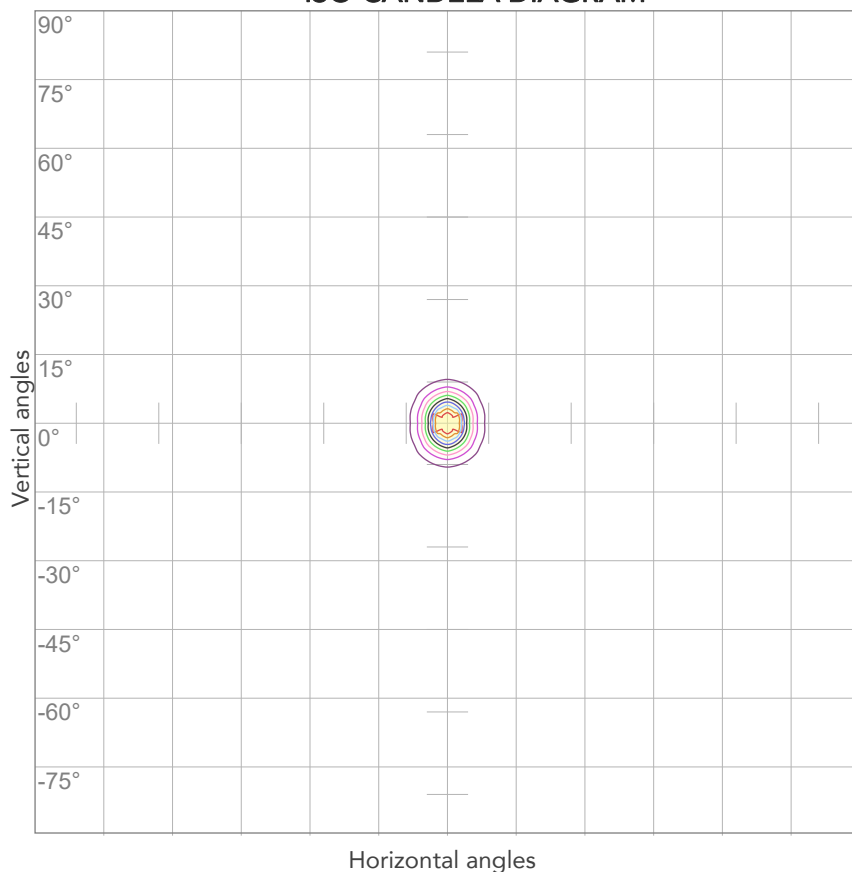
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,499A	105,1W	27lm/W

## ISO CANDELA DIAGRAM



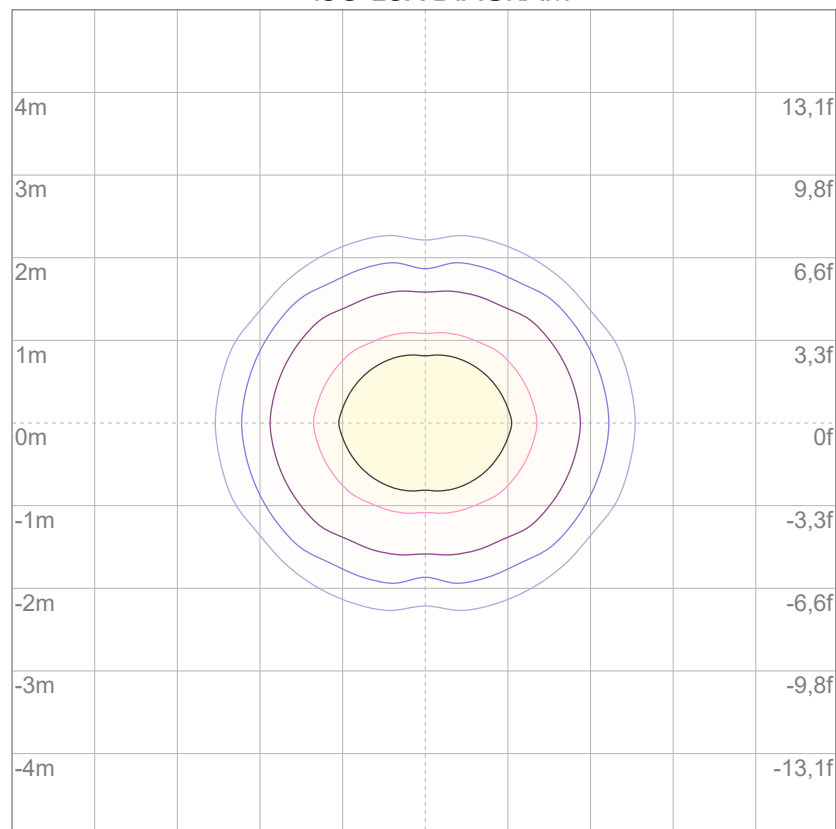
10%	6406 cd
20%	12813 cd
30%	19219 cd
40%	25625 cd
50%	32032 cd
60%	38438 cd
70%	44844 cd
80%	51251 cd

### Conditions:

Number of c-planes: 4

Candela at center: 64063 cd

## ISO LUX DIAGRAM



3%	19,2 lx
5%	32,0 lx
10%	64,1 lx
30%	192 lx
50%	320 lx

### Conditions:

Number of c-planes: 4

Lux at center: 641 lx

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

Total lumen output:

3117 lm

Peak candela output:

13891 cd

Light quality:

CRI: 96,4

Color temperature:

5608 K



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 20° Filter

Target:

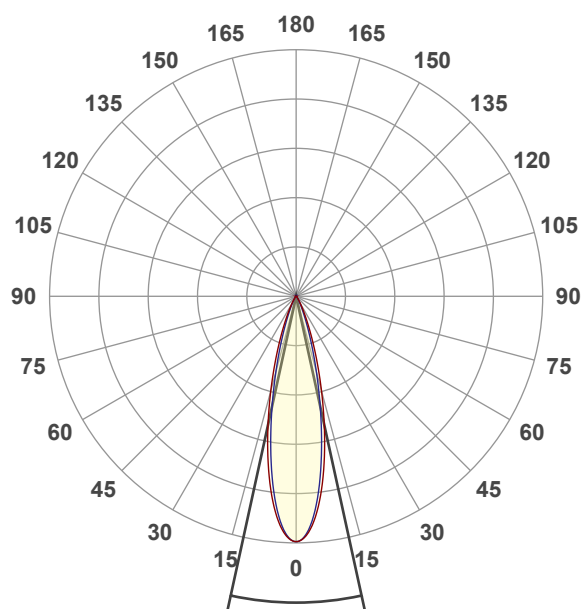
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 12:03:20

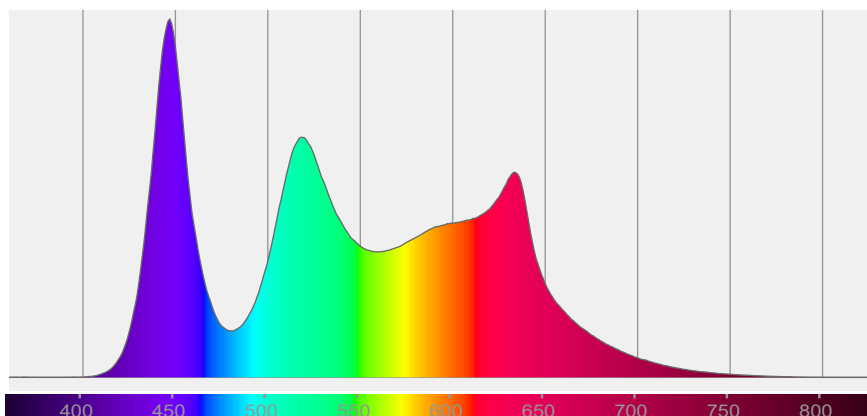


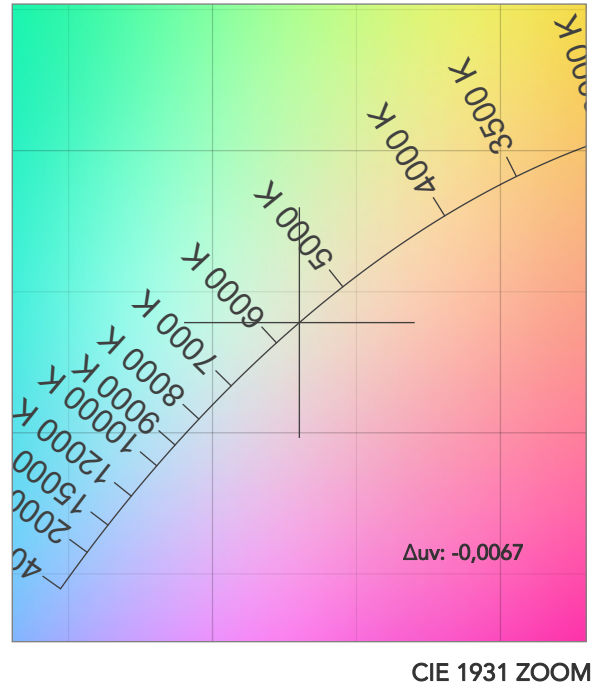
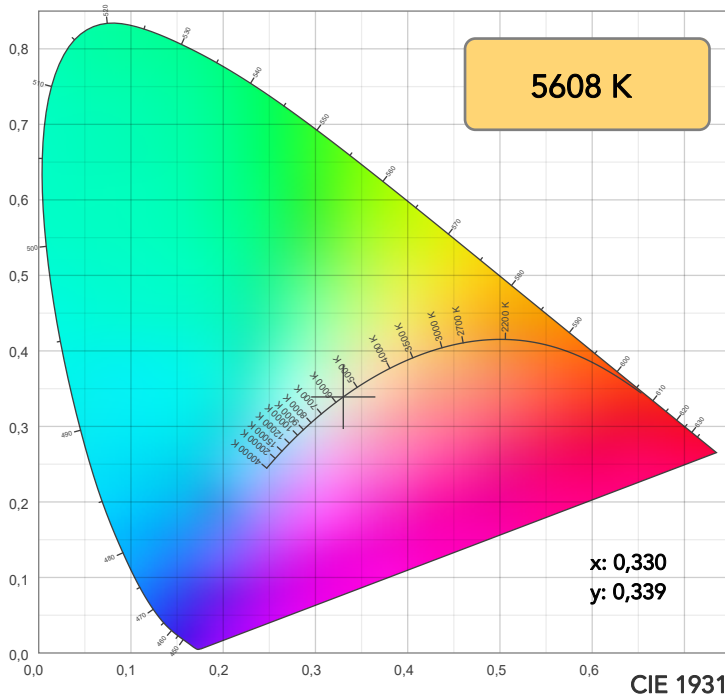
Beam angle 50%: 24,7°

Field angle 10%: 46,1°

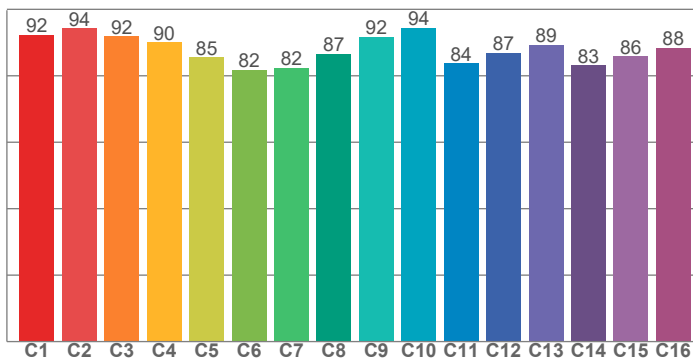
Cut off angle 2.5%: 61,8°

**Spectra**

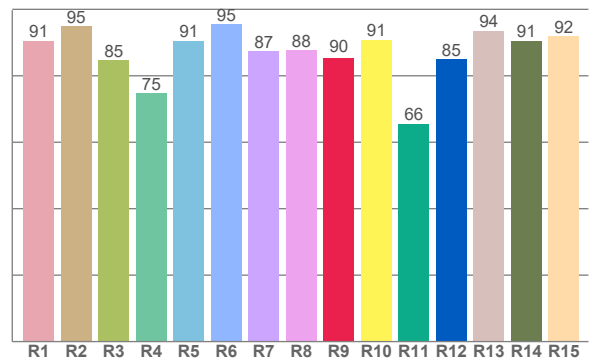




TM30: 88,1



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
90,6	94,9	84,6	74,7	90,5	95,5	87,4	87,8	90	90,8	65,6	85,1	93,6	90,5	91,9

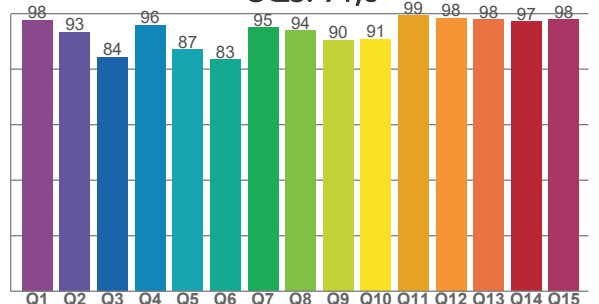
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,2	94,3	91,9	90,1	85,5	81,8	82,3	86,7	91,8	94,4	83,7	87,0	89,4	83,1	85,8	88,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,8	93,3	84,3	96,0	87,1	83,5	95,0	93,9	90,5	90,8	99,3	98,5	97,8	97,2	97,9

CQS: 91,8



## 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	$\Delta uv$
5608 K	96,4	90	88,1	110,3	91,8	77	0,330	0,339	-0,0067

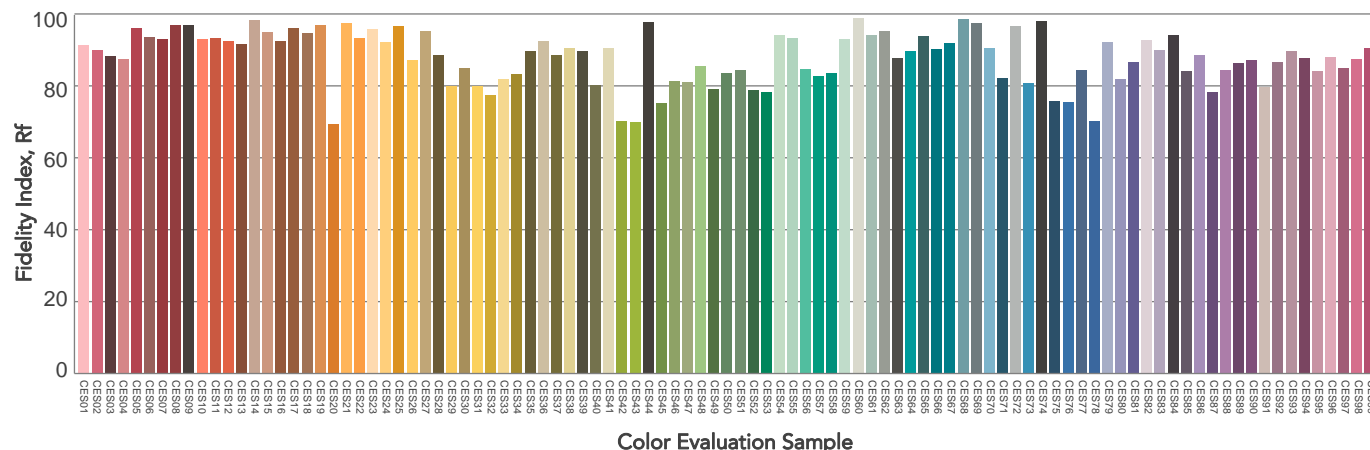
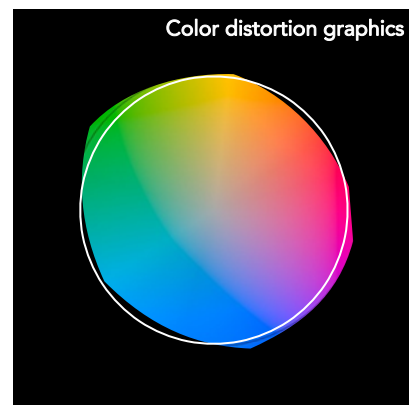
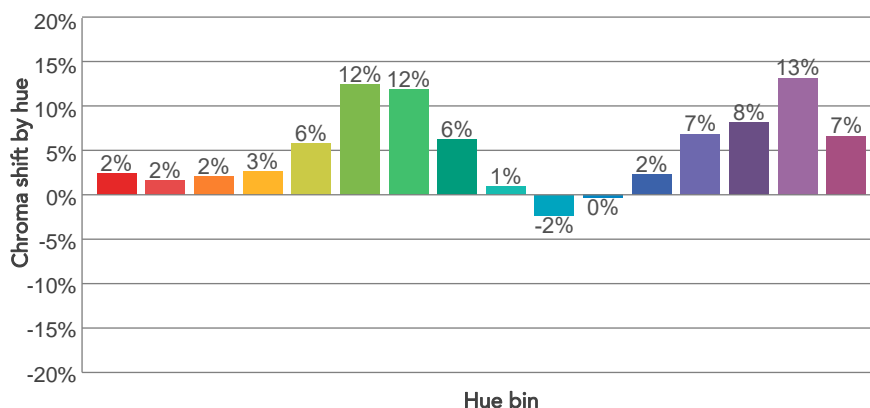
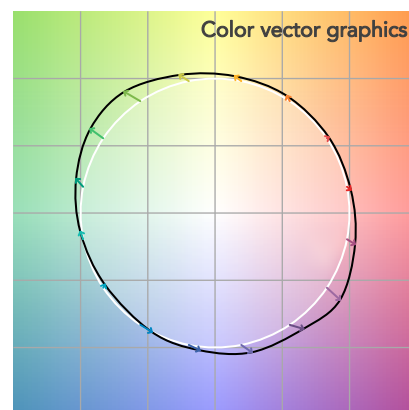
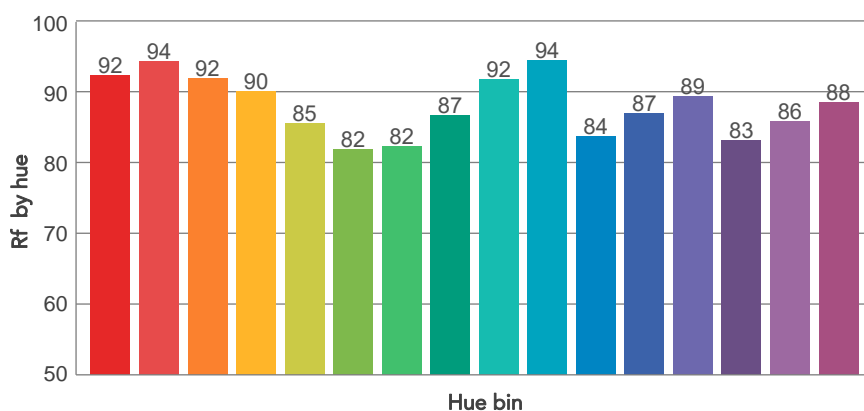
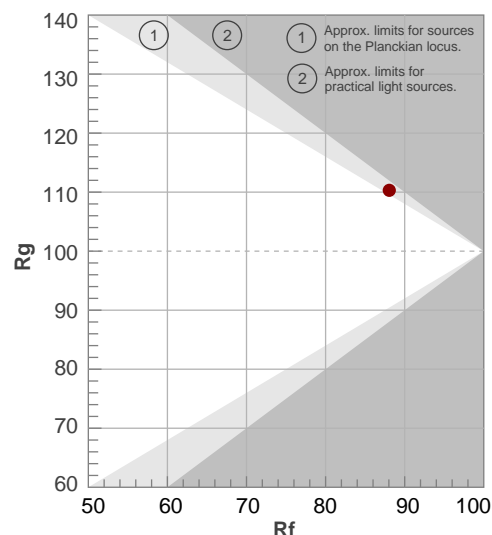


# TM30 DETAILS

**Rf 88,1**  
Fidelity index Rf

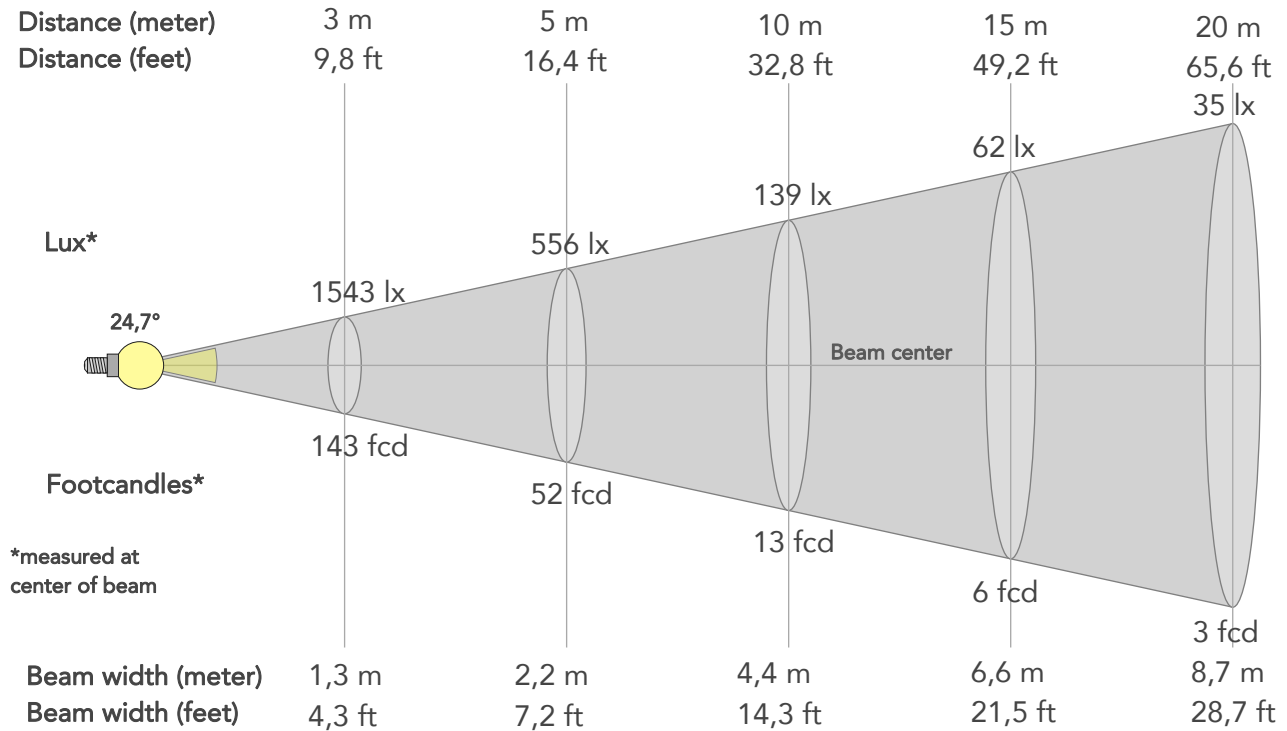
**Rg 110,3**  
Gammut index

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	94	2%	0%
3	92	2%	4%
4	90	3%	5%
5	85	6%	6%
6	82	12%	6%
7	82	12%	0%
8	87	6%	-5%
9	92	1%	-6%
10	94	-2%	-1%
11	84	0%	10%
12	87	2%	9%
13	89	7%	7%
14	83	8%	7%
15	86	13%	-2%
16	88	7%	-2%



## BEAM DETAILS

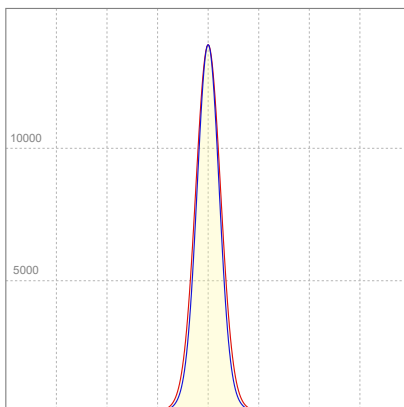
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
24,7°	46,1°	61,8°	100,0%	99,0%



### 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	13889lx	3472lx	1543lx	868lx	556lx	247lx	139lx	62lx	35lx	22lx	15lx	9lx	6lx
Footcand.	1290fcd	323fcd	143fcd	81fcd	52fcd	23fcd	13fcd	6fcd	3fcd	2fcd	1fcd	1fcd	1fcd
Beam wid.	0,4m	0,9m	1,3m	1,7m	2,2m	3,3m	4,4m	6,6m	8,7m	10,9m	13,1m	17,5m	21,9m
Beam wid.	1,4ft	2,9ft	4,3ft	5,7ft	7,2ft	10,8ft	14,3ft	21,5ft	28,7ft	35,9ft	43ft	57,4ft	71,7ft

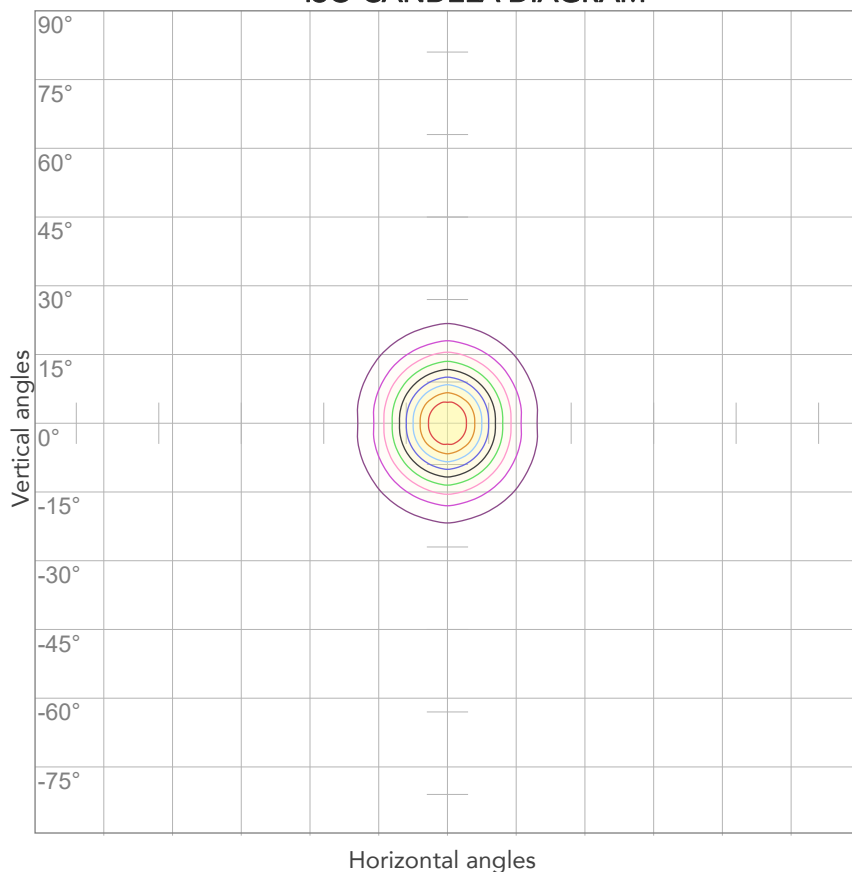
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,495A	104,8W	30lm/W

## ISO CANDELA DIAGRAM



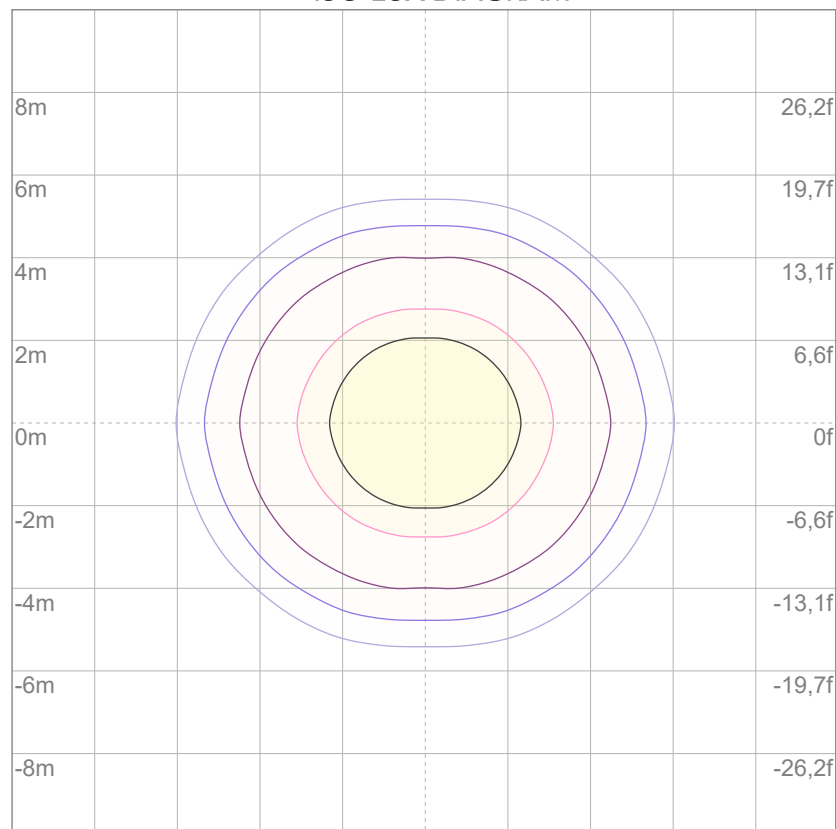
10%	1389 cd
20%	2778 cd
30%	4167 cd
40%	5556 cd
50%	6944 cd
60%	8333 cd
70%	9722 cd
80%	11111 cd

### Conditions:

Number of c-planes: 4

Candela at center: 13889 cd

## ISO LUX DIAGRAM



3%	4,17 lx
5%	6,94 lx
10%	13,9 lx
30%	41,7 lx
50%	69,4 lx

### Conditions:

Number of c-planes: 4

Lux at center: 139 lx

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

Total lumen output:

3171 lm

Peak candela output:

4863 cd

Light quality:

CRI: 96.4

Color temperature:

5608 K



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 40° Filter

Target:

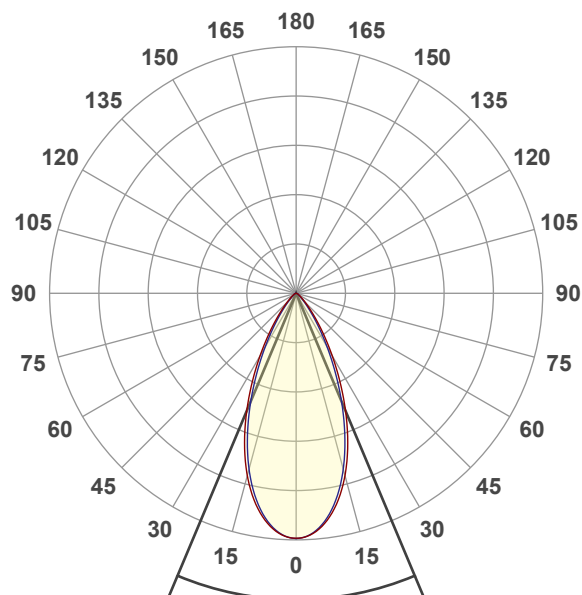
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 12:06:45

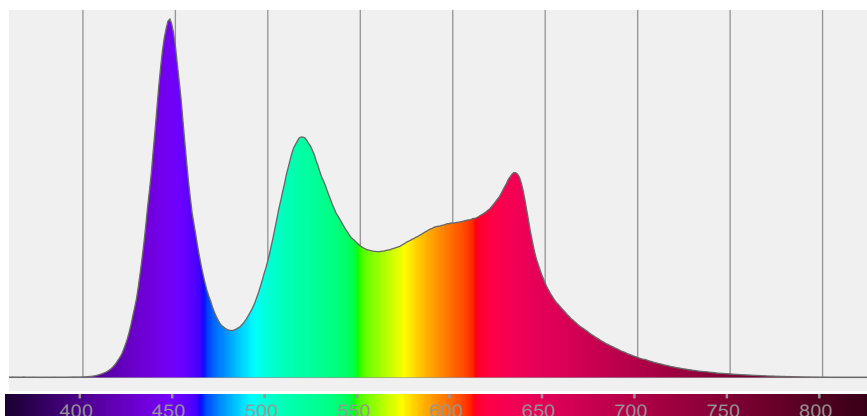


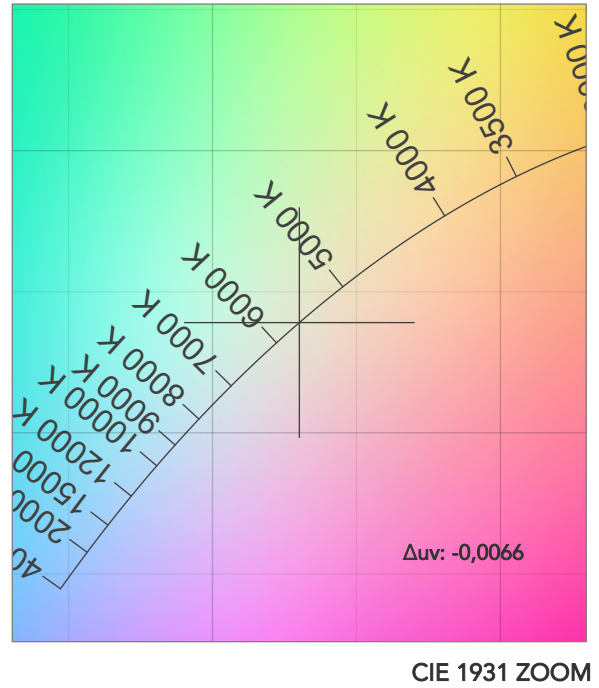
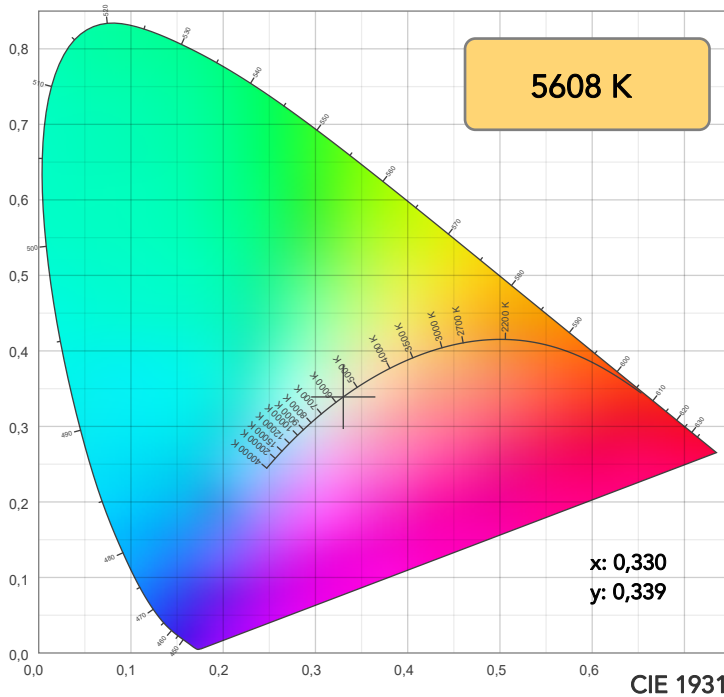
Beam angle 50%: 45,6°

Field angle 10%: 77,5°

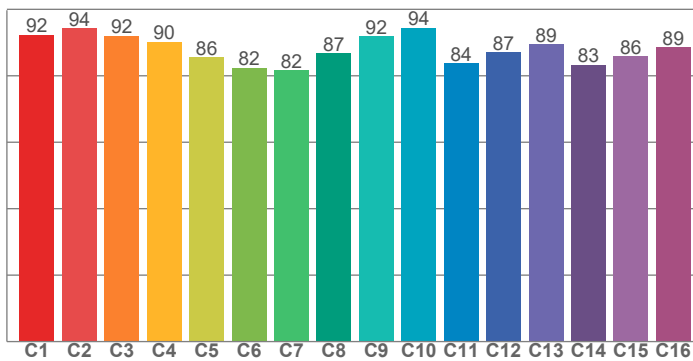
Cut off angle 2.5%: 100,2°

**Spectra**

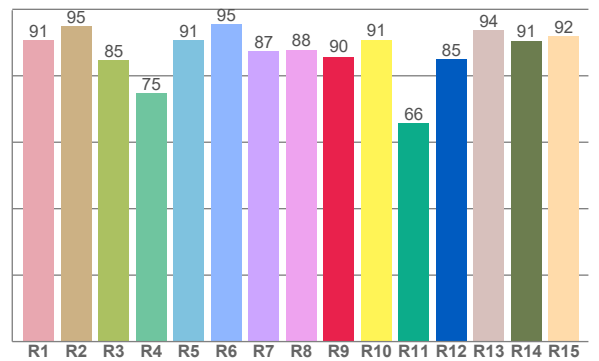




TM30: 88,1



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
90,7	94,9	84,7	74,8	90,6	95,5	87,4	87,8	90	90,8	65,7	85,0	93,6	90,6	91,9

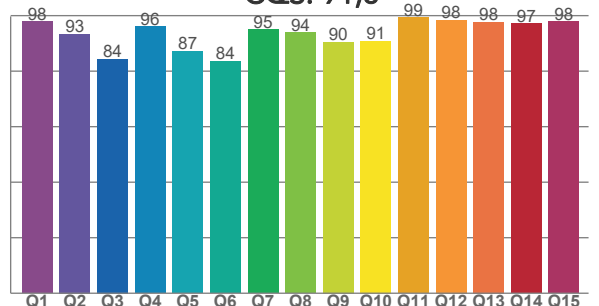
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,3	94,3	92,0	90,2	85,6	82,3	81,6	86,8	91,8	94,5	83,8	87,0	89,4	83,2	85,8	88,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,8	93,4	84,4	96,0	87,1	83,6	95,0	93,9	90,5	90,8	99,3	98,4	97,7	97,2	97,9

CQS: 91,8



## COLOR PARAMETERS

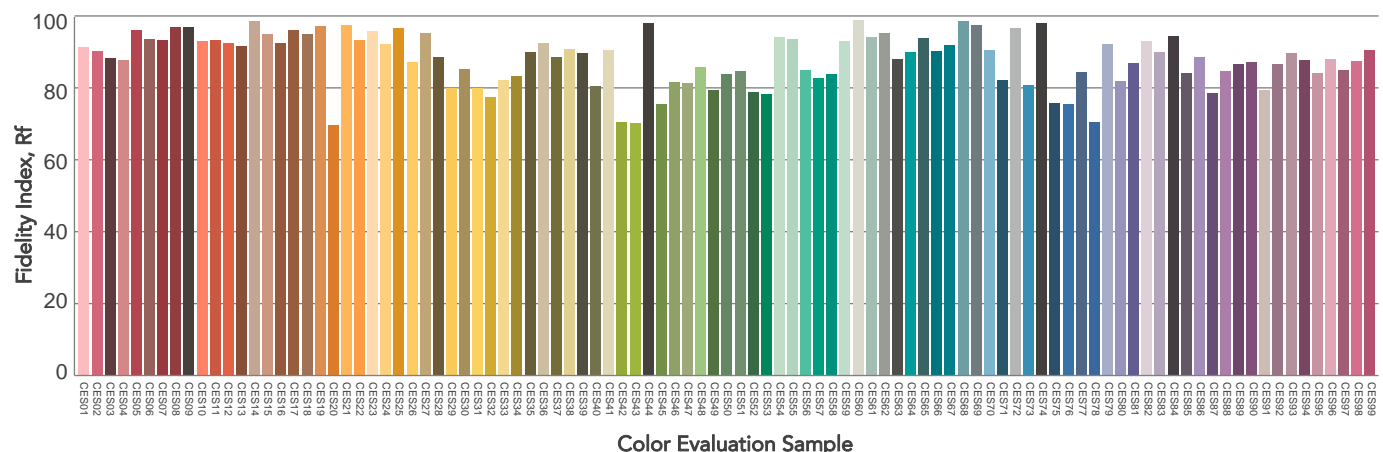
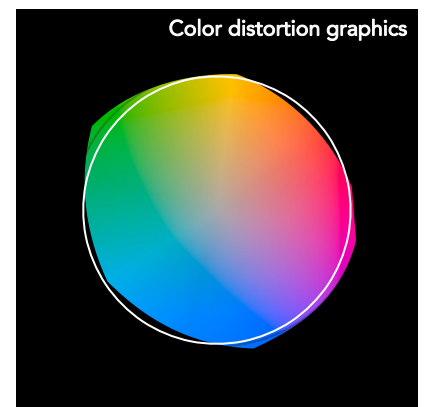
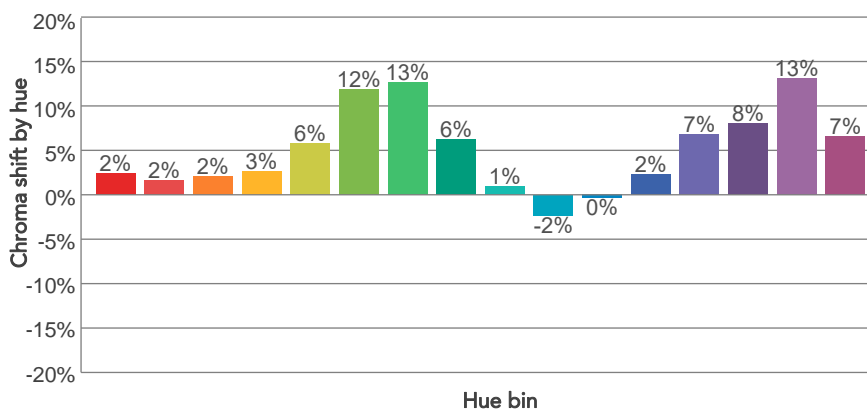
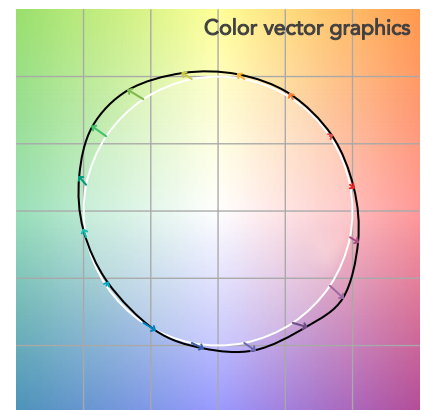
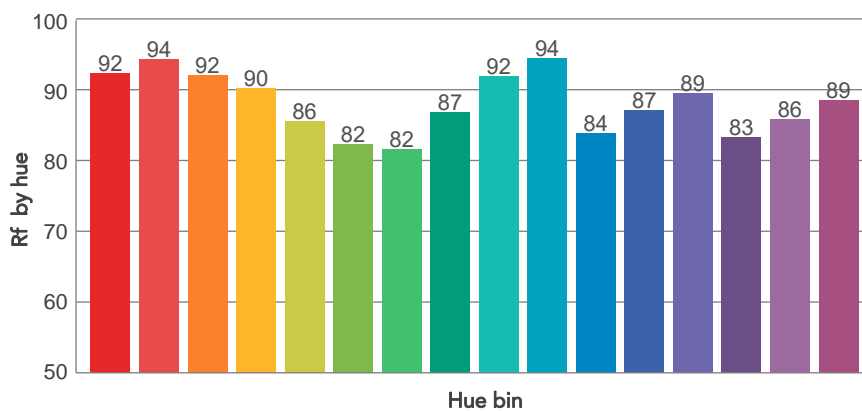
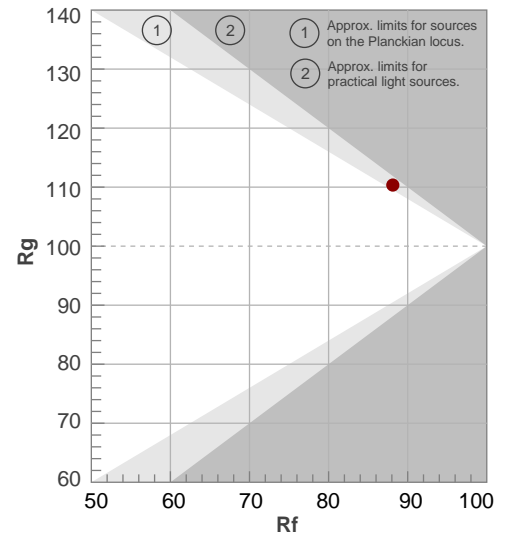
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5608 K	96,4	90	88,1	110,4	91,8	77	0,330	0,339	-0,0066

# TM30 DETAILS

**Rf 88,1**  
Fidelity index Rf

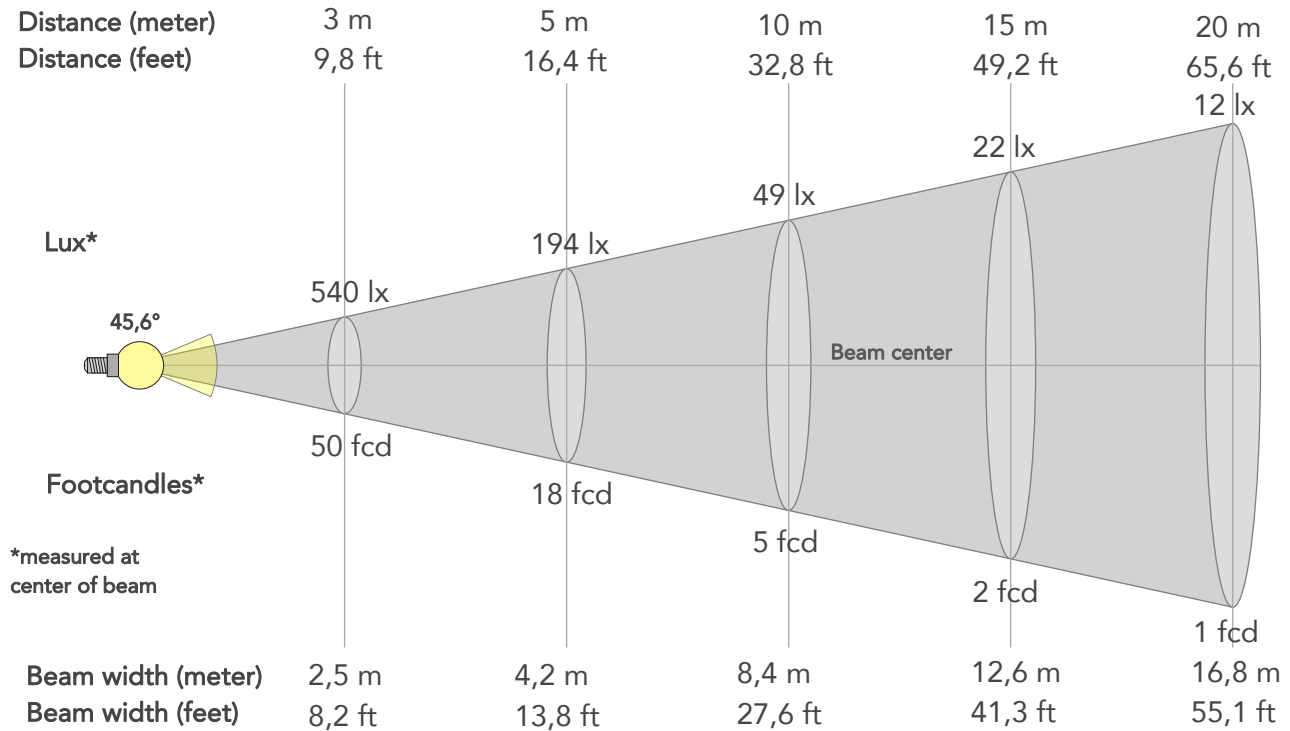
**Rg 110,4**  
Gammut index

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	94	2%	0%
3	92	2%	4%
4	90	3%	5%
5	86	6%	6%
6	82	12%	6%
7	82	13%	0%
8	87	6%	-5%
9	92	1%	-6%
10	94	-2%	-1%
11	84	0%	10%
12	87	2%	9%
13	89	7%	7%
14	83	8%	7%
15	86	13%	-2%
16	89	7%	-2%



## BEAM DETAILS

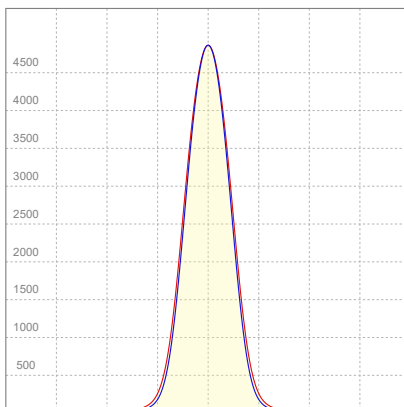
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
45,6°	77,5°	100,2°	98,9%	94,5%



### 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	4860lx	1215lx	540lx	304lx	194lx	86lx	49lx	22lx	12lx	8lx	5lx	3lx	2lx
Footcand.	451fcd	113fcd	50fcd	28fcd	18fcd	8fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,8m	1,7m	2,5m	3,4m	4,2m	6,3m	8,4m	12,6m	16,8m	21m	25,2m	33,6m	42m
Beam wid.	2,8ft	5,5ft	8,2ft	11ft	13,8ft	20,7ft	27,6ft	41,3ft	55,1ft	68,9ft	82,7ft	110,2ft	137,8ft

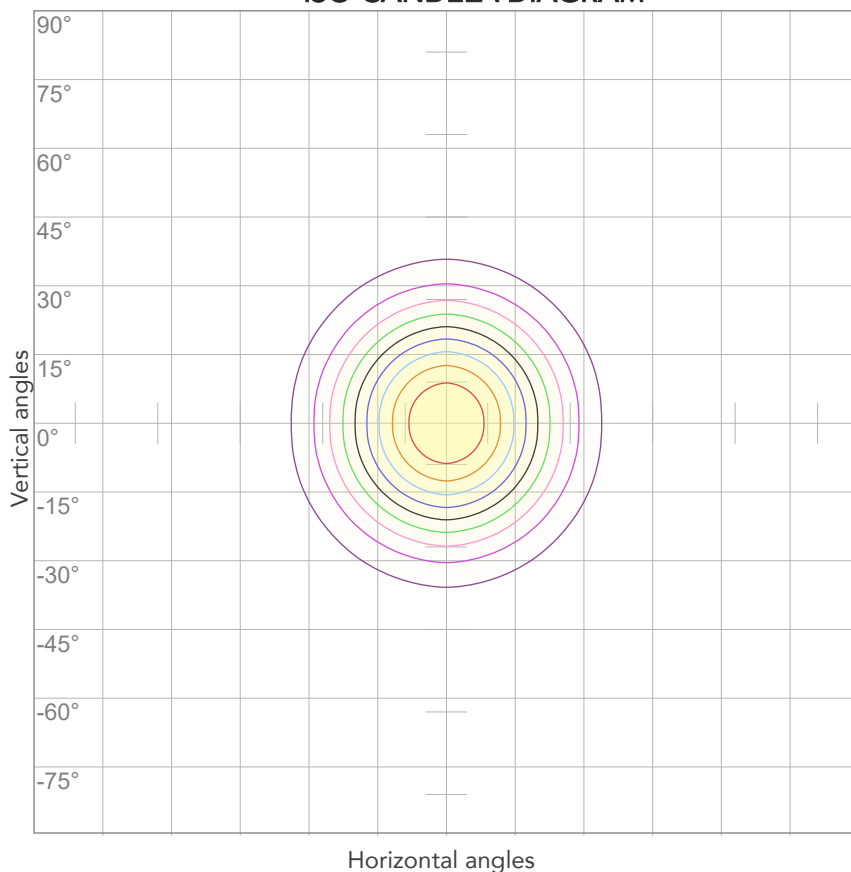
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,496A	104,9W	30lm/W

## ISO CANDELA DIAGRAM



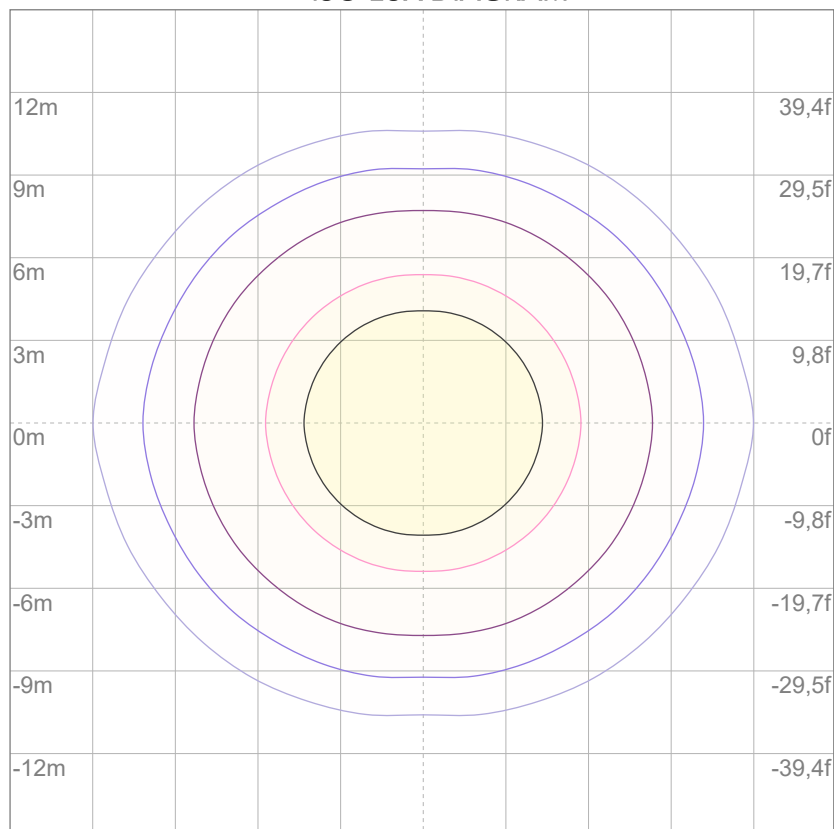
10%	486 cd
20%	972 cd
30%	1458 cd
40%	1944 cd
50%	2430 cd
60%	2916 cd
70%	3402 cd
80%	3888 cd

### Conditions:

Number of c-planes: 4

Candela at center: 4860 cd

## ISO LUX DIAGRAM



3%	1,46 lx
5%	2,43 lx
10%	4,86 lx
30%	14,6 lx
50%	24,3 lx

### Conditions:

Number of c-planes: 4

Lux at center: 48,6 lx

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



Total lumen output:

3178 lm

Peak candela output:

3601 cd

Light quality:

CRI: 96,4

Color temperature:

5608 K



**PRODUCT NAME:**

LUMIPIXXB050

**MEASURAMENT CONDITIONS:**

Beam angle:

Native Optic + 60° Filter

Target:

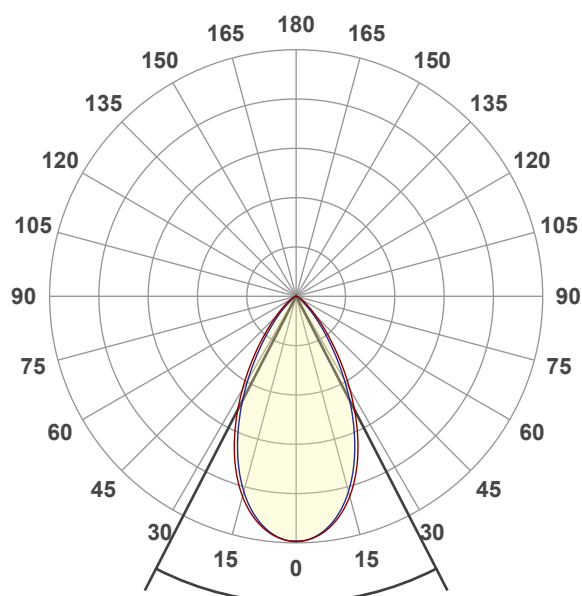
5600K

Operator:

Paolo Carvone

Date and time:

20/09/2022 12:15:23

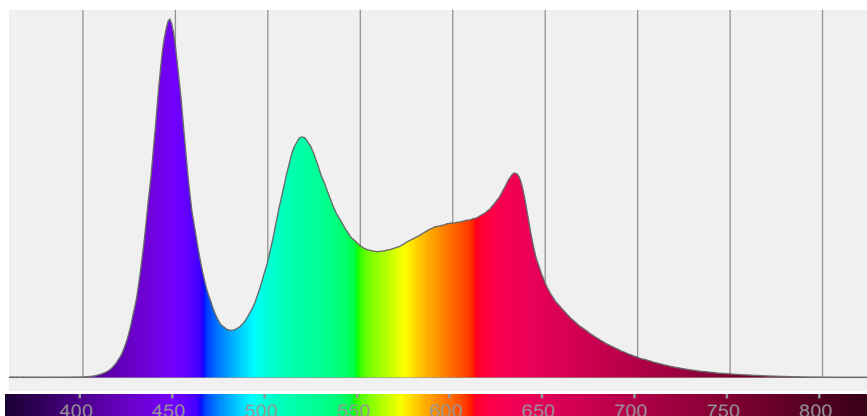


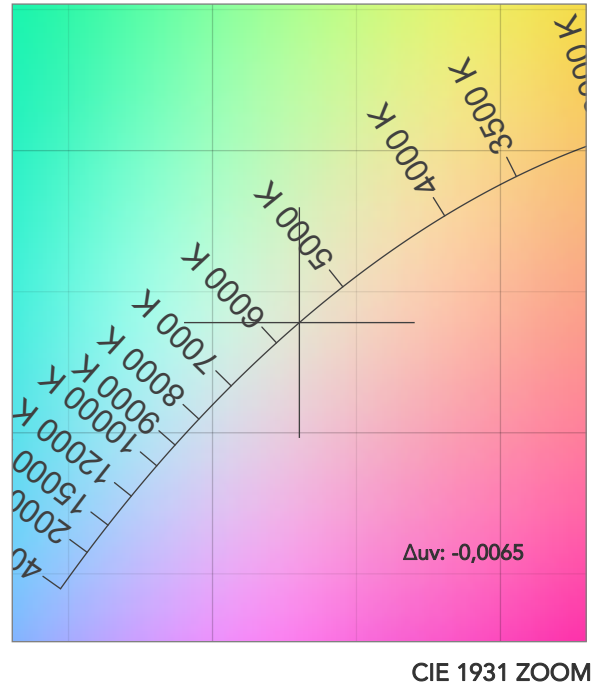
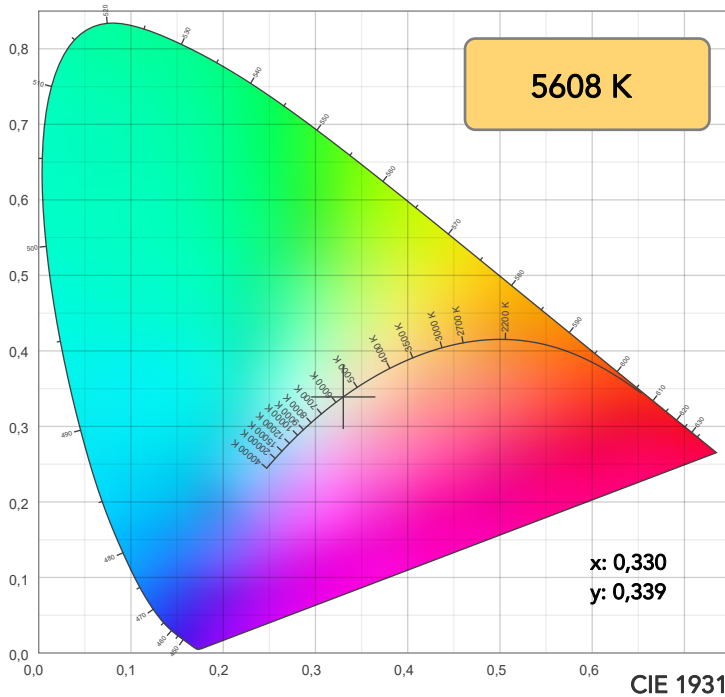
Beam angle 50%: 54,4°

Field angle 10%: 90,1°

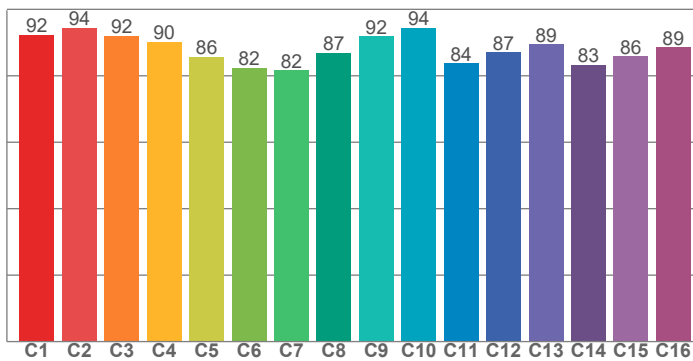
Cut off angle 2.5%: 114,9°

**Spectra**

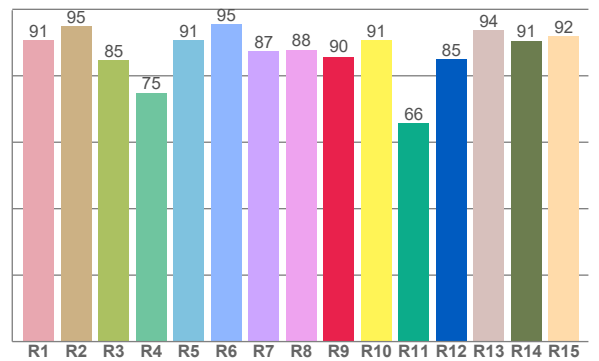




TM30: 88,1



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
90,7	94,9	84,7	74,9	90,7	95,5	87,5	87,9	90	90,8	65,8	84,9	93,7	90,6	92,0

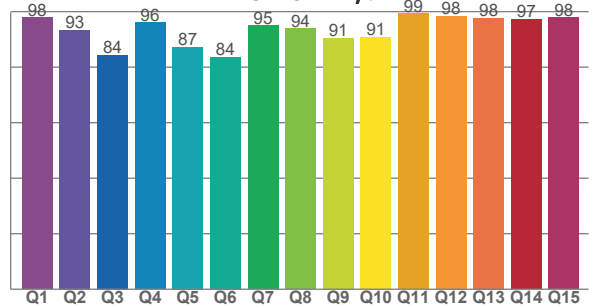
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,3	94,4	92,0	90,2	85,6	82,4	81,7	86,8	91,9	94,5	83,7	87,0	89,4	83,3	85,8	88,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,8	93,4	84,4	96,0	87,2	83,6	95,0	93,9	90,5	90,8	99,3	98,4	97,8	97,2	97,9

CQS: 91,8



## COLOR PARAMETERS

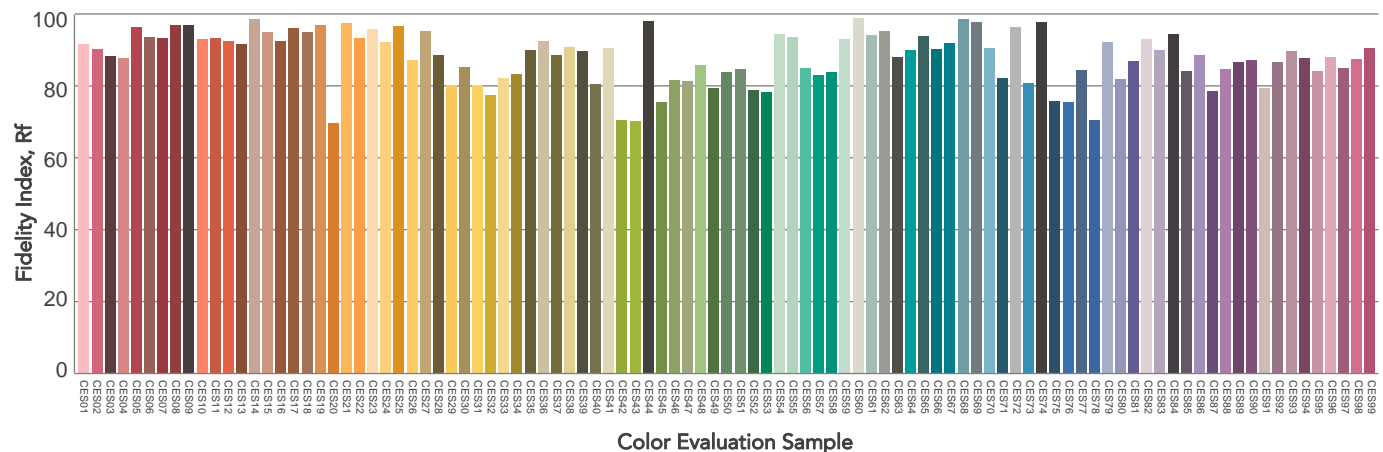
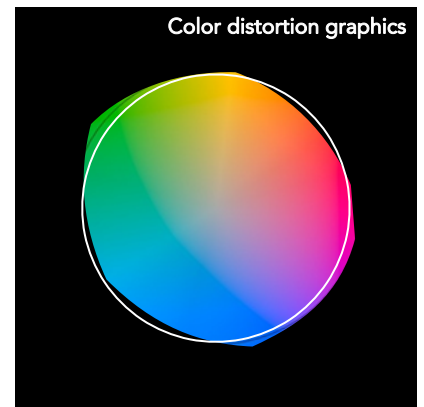
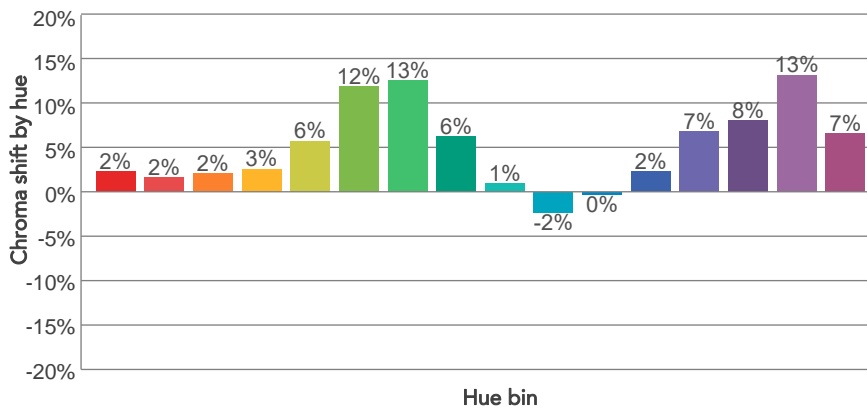
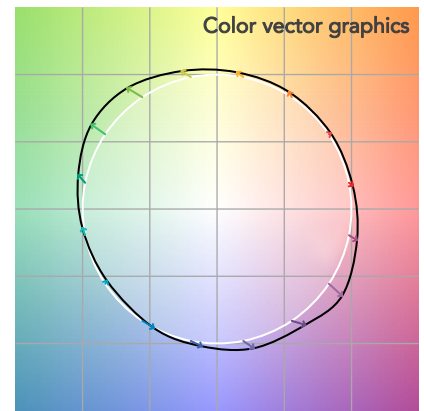
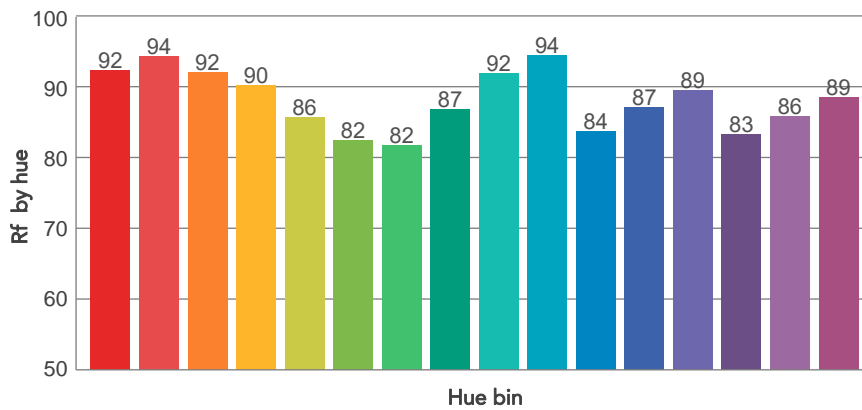
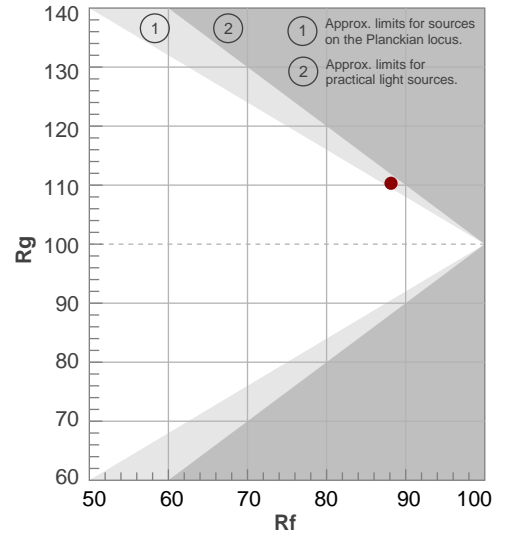
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5608 K	96,4	90	88,1	110,3	91,8	77	0,330	0,339	-0,0065

# TM30 DETAILS

**Rf 88,1**  
Fidelity index Rf

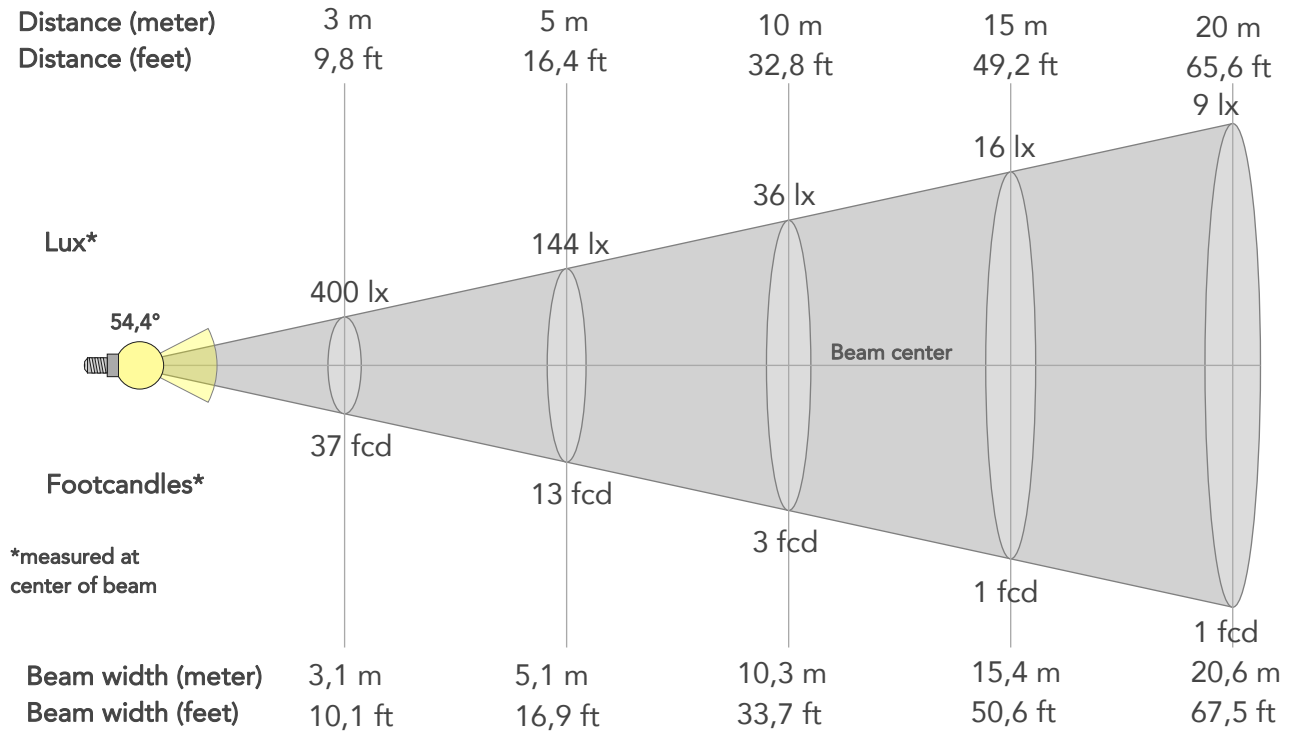
**Rg 110,3**  
Gammut index

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-3%
2	94	2%	0%
3	92	2%	4%
4	90	3%	5%
5	86	6%	6%
6	82	12%	6%
7	82	13%	0%
8	87	6%	-5%
9	92	1%	-6%
10	94	-2%	-1%
11	84	0%	10%
12	87	2%	9%
13	89	7%	7%
14	83	8%	7%
15	86	13%	-2%
16	89	7%	-2%



## BEAM DETAILS

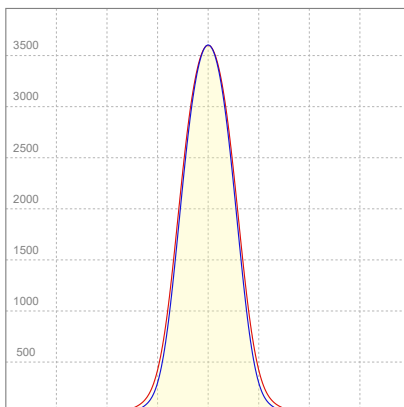
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
54,4°	90,1°	114,9°	98,3%	91,3%



### 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	3598lx	899lx	400lx	225lx	144lx	64lx	36lx	16lx	9lx	6lx	4lx	2lx	1lx
Footcand.	334fcd	84fcd	37fcd	21fcd	13fcd	6fcd	3fcd	1fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2,1m	3,1m	4,1m	5,1m	7,7m	10,3m	15,4m	20,6m	25,7m	30,9m	41,2m	51,4m
Beam wid.	3,4ft	6,8ft	10,1ft	13,5ft	16,9ft	25,3ft	33,7ft	50,6ft	67,5ft	84,4ft	101,2ft	135ft	168,7ft

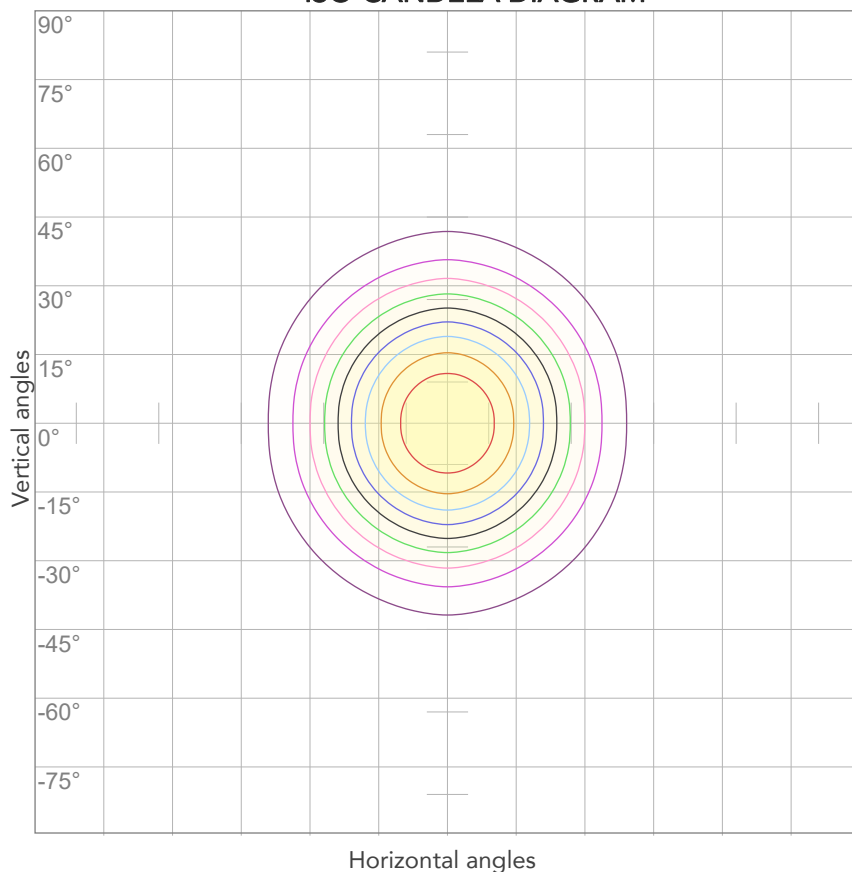
### LINEAR DISTRIBUTION DIAGRAM



### ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,496A	104,8W	30lm/W

## ISO CANDELA DIAGRAM



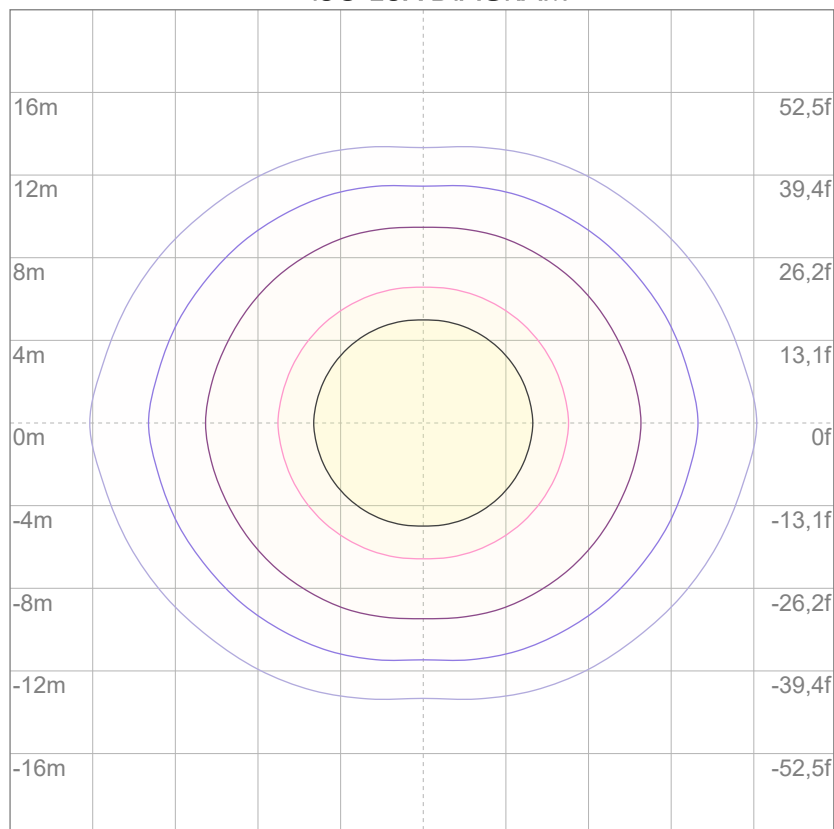
10%	360 cd
20%	720 cd
30%	1079 cd
40%	1439 cd
50%	1799 cd
60%	2159 cd
70%	2518 cd
80%	2878 cd

### Conditions:

Number of c-planes: 4

Candela at center: 3598 cd

## ISO LUX DIAGRAM



3%	1,08 lx
5%	1,80 lx
10%	3,60 lx
30%	10,8 lx
50%	18,0 lx

### Conditions:

Number of c-planes: 4

Lux at center: 36,0 lx

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