



Photometric Test Report



EclFresnel CT+ XS

120 W Led Fresnel with 6 color source, 130mm-
5" lens, barndoor included

CONTENTS

Table of contents	2
Testing process	4
Color preset Full on	
Max Zoom	5
Med Zoom	10
Min Zoom	15
Color preset Red	
Max Zoom	20
Med Zoom	23
Min Zoom	26
Color preset Green	
Max Zoom	29
Med Zoom	32
Min Zoom	35
Color preset Blue	
Max Zoom	38
Med Zoom	41
Min Zoom	44
Color preset Cyan	
Max Zoom	47
Med Zoom	50
Min Zoom	53
Color preset Lime	
Max Zoom	56
Med Zoom	59
Min Zoom	62
Color preset Amber	
Max Zoom	65
Med Zoom	68
Min Zoom	71

Color temperature 2800K

Max Zoom	74
Med Zoom	79
Min Zoom	84

Color temperature 3200K

Max Zoom	89
Med Zoom	94
Min Zoom	99

Color temperature 4000K

Max Zoom	104
Med Zoom	109
Min Zoom	114

Color temperature 5600K

Max Zoom	119
Med Zoom	124
Min Zoom	129

Color temperature 6000K

Max Zoom	134
Med Zoom	139
Min Zoom	144

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:

3669 lm

Peak candela output:

5628 cd

Light quality:

CRI: 96,1

Color temperature:

6458 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

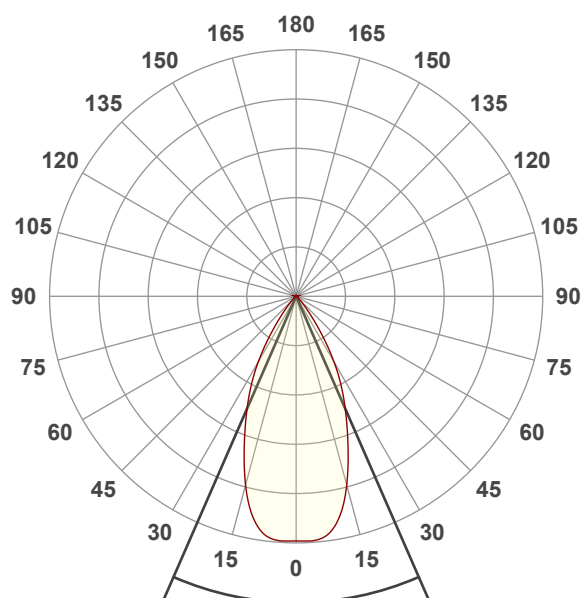
Full On

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 10:02:47

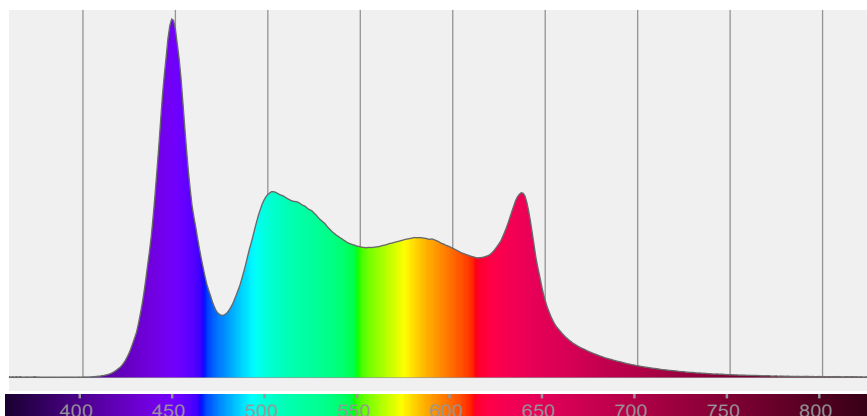


Beam angle 50%: 47,2°

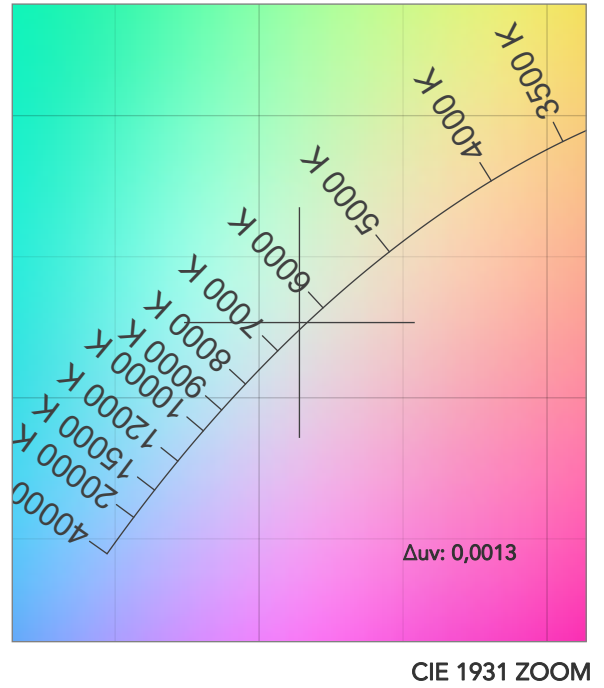
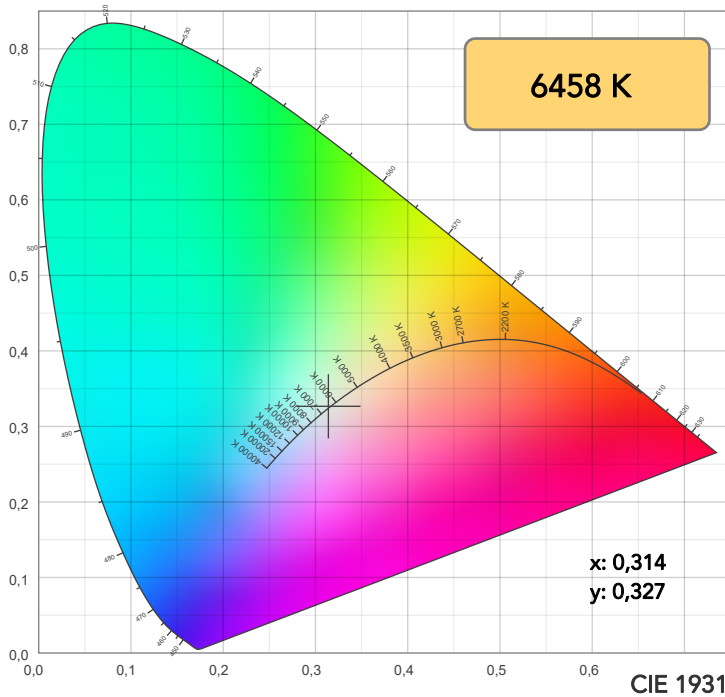
Field angle 10%: 75,1°

Cut off angle 2.5%: 89,6°

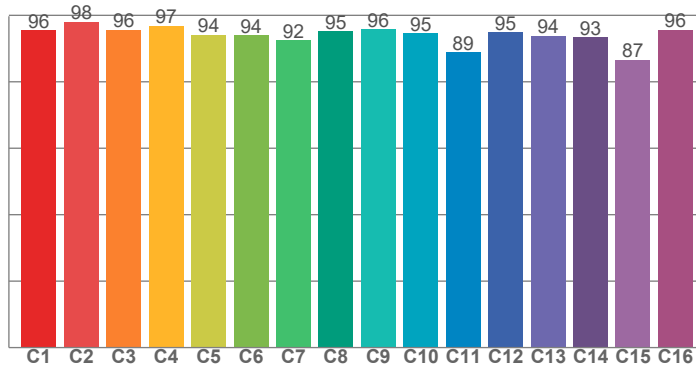
Spectra



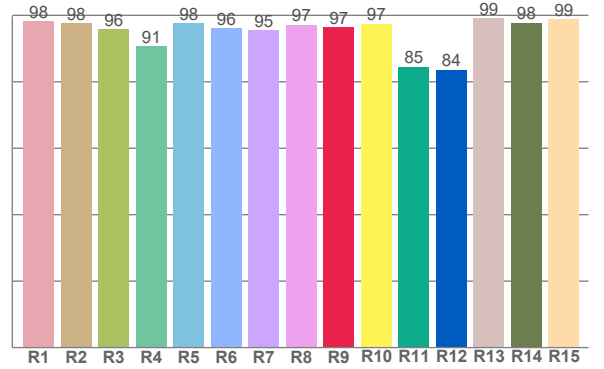
COLOR DETAILS



TM30: 94,1



CRI: 96,1 (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
98,4	97,7	95,8	90,7	97,7	96,0	95,5	97,2	96,5	97,5	84,5	83,6	99,1	97,8	98,7

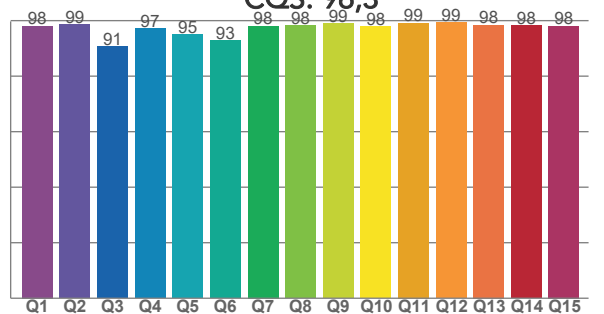
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,5	98,1	95,7	96,8	94,2	94,0	92,5	95,2	95,8	94,7	88,8	94,9	93,9	93,3	86,6	95,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,1	98,5	90,6	97,2	95,0	92,8	98,1	98,3	98,9	97,9	99,1	99,4	98,5	98,3	98,1

CQS: 96,3



COLOR PARAMETERS

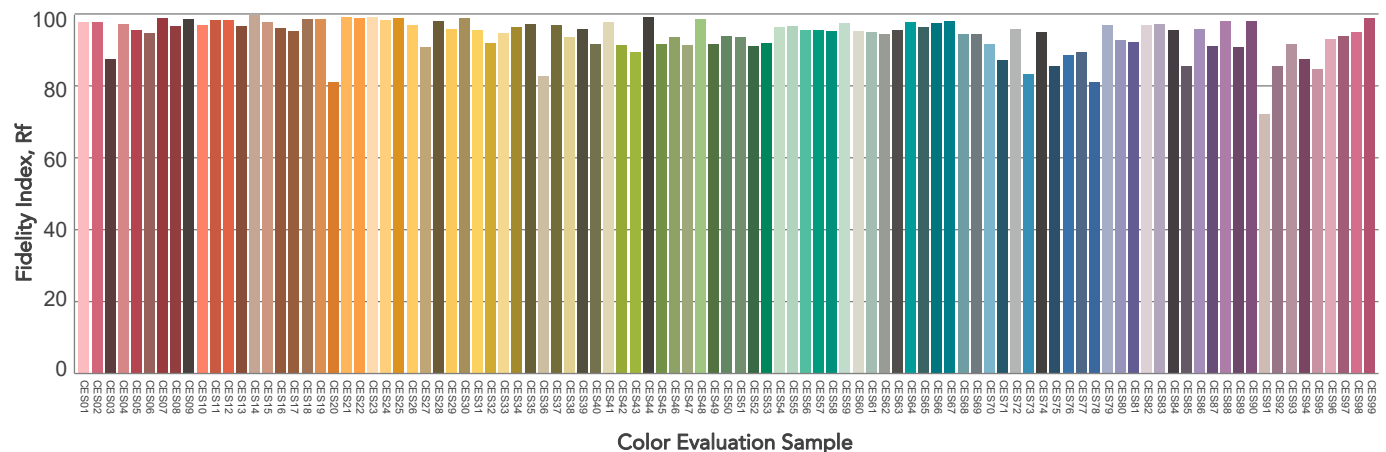
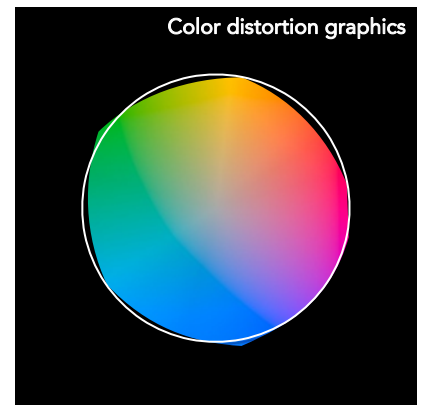
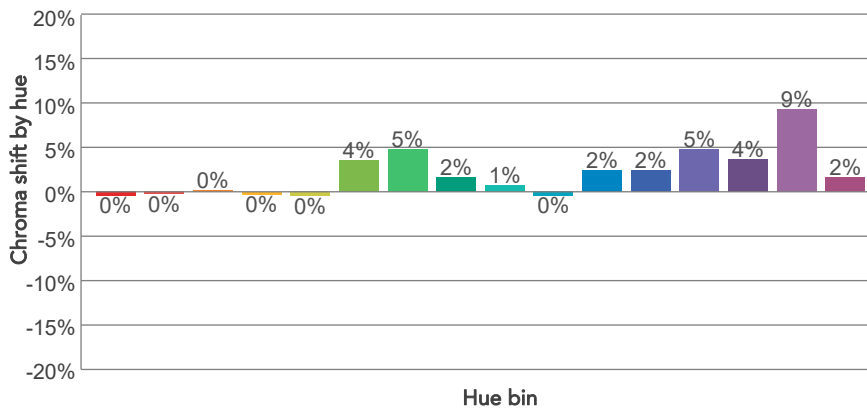
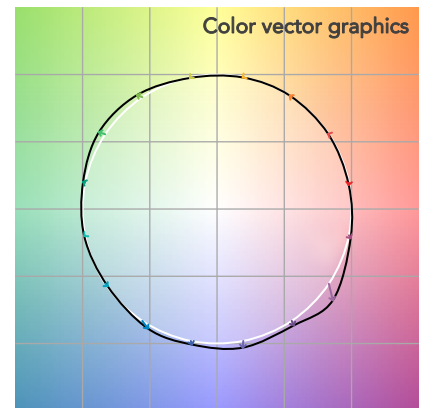
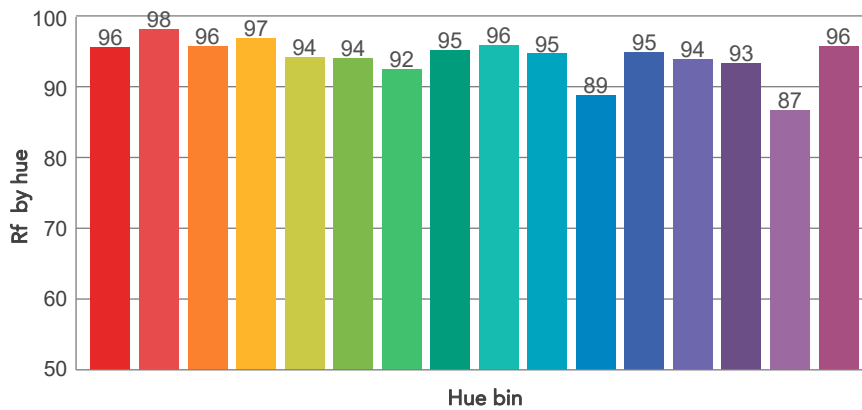
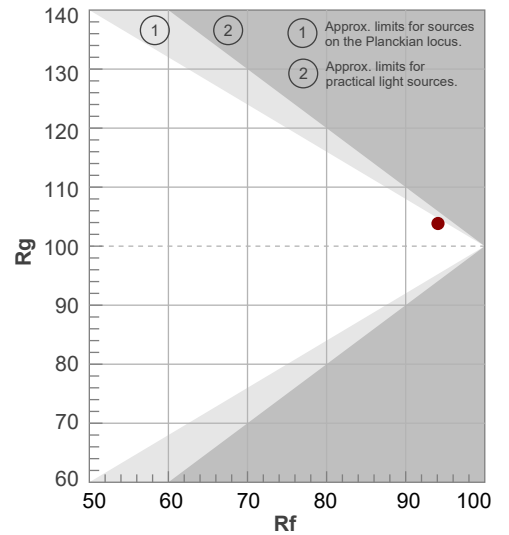
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6458 K	96,1	96,5	94,1	103,8	96,3	92	0,314	0,327	0,0013

TM30 DETAILS

Rf 94,1
Fidelity index Rf

Rg 103,8
Gammut index

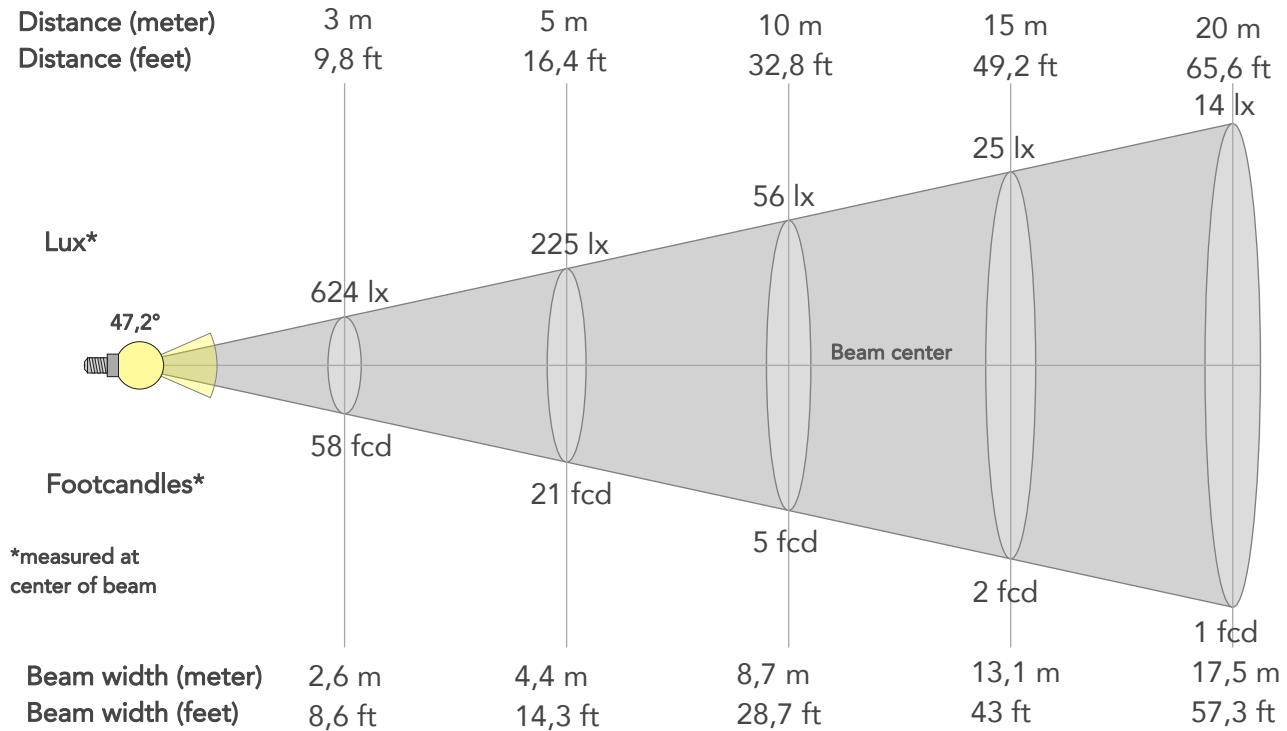
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	98	0%	0%
3	96	0%	2%
4	97	0%	0%
5	94	0%	1%
6	94	4%	2%
7	92	5%	1%
8	95	2%	0%
9	96	1%	0%
10	95	0%	2%
11	89	2%	6%
12	95	2%	1%
13	94	5%	-1%
14	93	4%	-1%
15	87	9%	-9%
16	96	2%	-2%



BEAM DETAILS



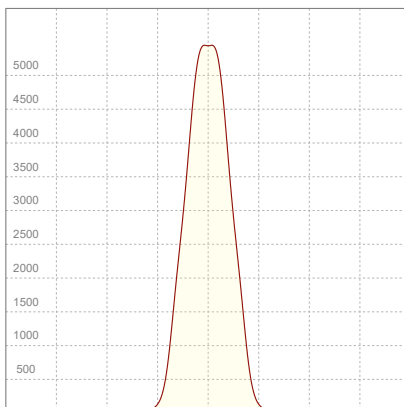
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,2°	75,1°	89,6°	99,7%	97,8%



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	5620lx	1405lx	624lx	351lx	225lx	100lx	56lx	25lx	14lx	9lx	6lx	4lx	2lx
Footcand.	522fcd	131fcd	58fcd	33fcd	21fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,4m	6,6m	8,7m	13,1m	17,5m	21,8m	26,2m	34,9m	43,7m
Beam wid.	2,9ft	5,8ft	8,6ft	11,4ft	14,3ft	21,5ft	28,7ft	43ft	57,3ft	71,6ft	86ft	114,6ft	143,3ft

LINEAR DISTRIBUTION DIAGRAM

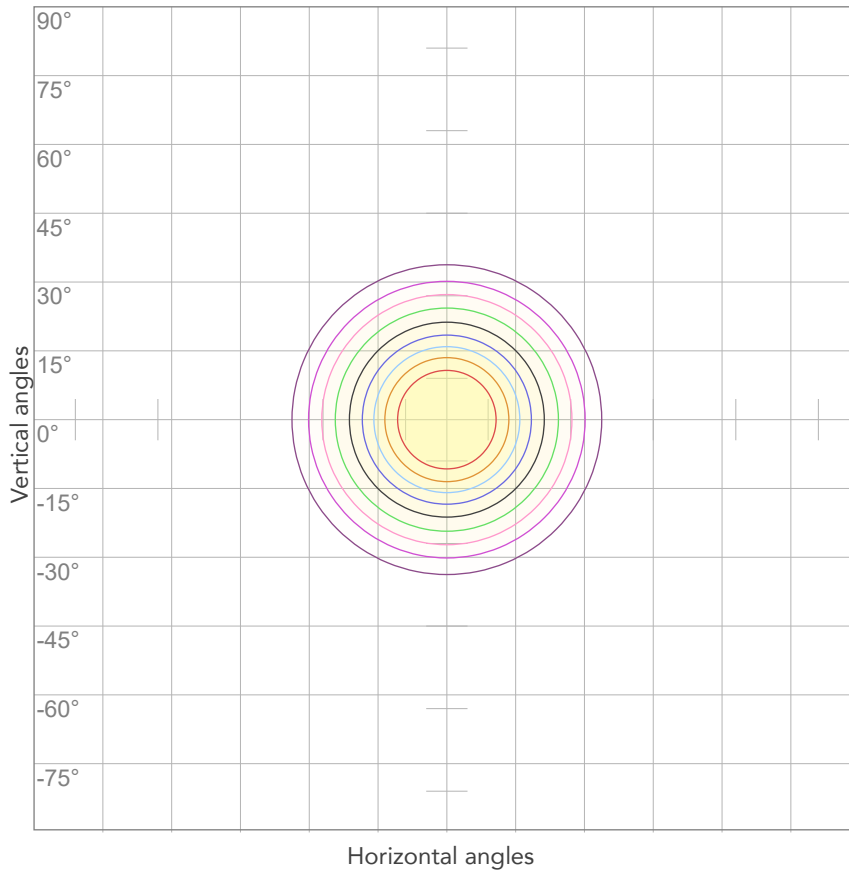


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,566A	126,4W	0,98	29lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



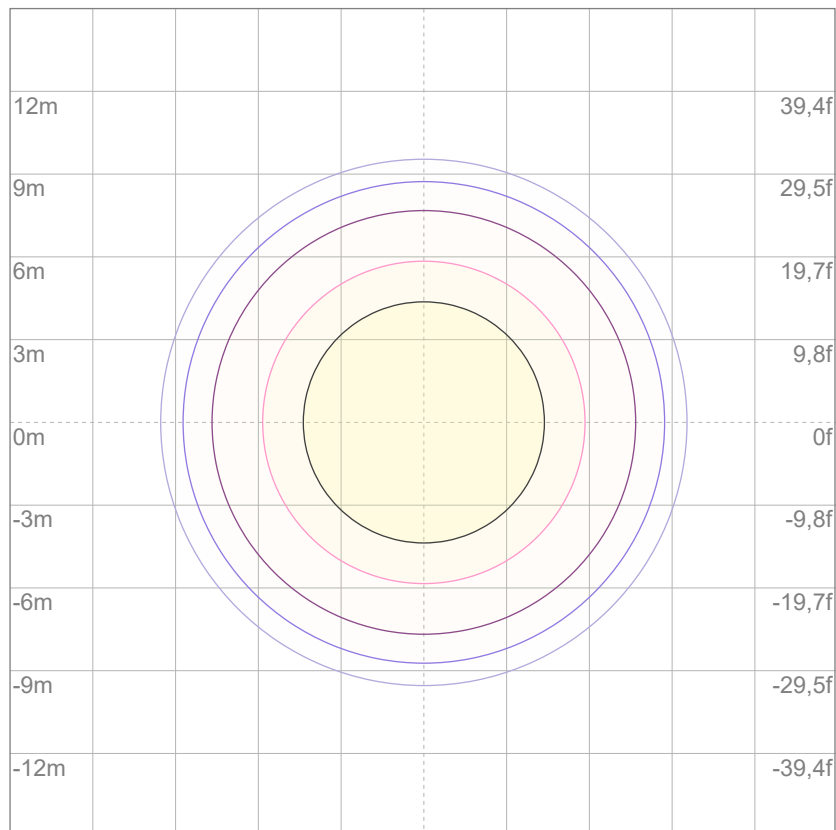
10%	562 cd
20%	1124 cd
30%	1686 cd
40%	2248 cd
50%	2810 cd
60%	3372 cd
70%	3934 cd
80%	4496 cd

Conditions:

Number of c-planes: 2

Candela at center: 5620 cd

ISO LUX DIAGRAM



3%	1,69 lx
5%	2,81 lx
10%	5,62 lx
30%	16,9 lx
50%	28,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 56,2 lx

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



Total lumen output:

3335 lm

Peak candela output:

15690 cd

Light quality:

CRI: 96,2

Color temperature:

6537 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

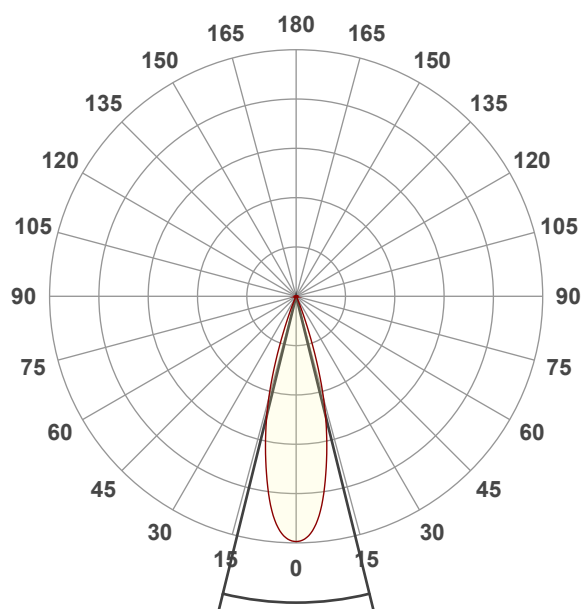
Full On

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 17:44:28

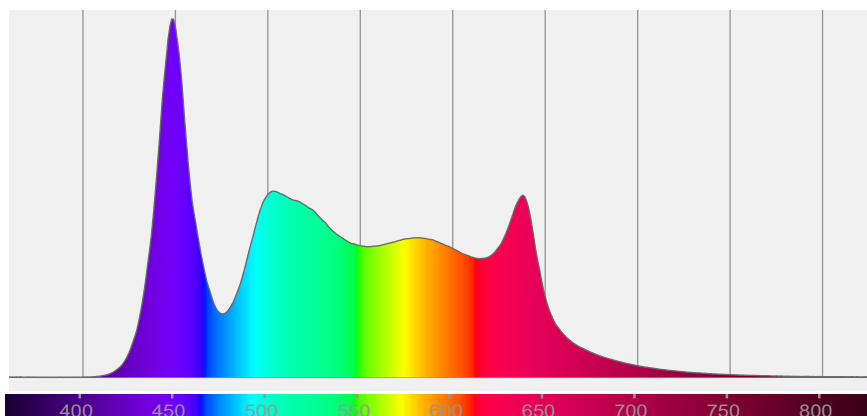


Beam angle 50%: 27,7°

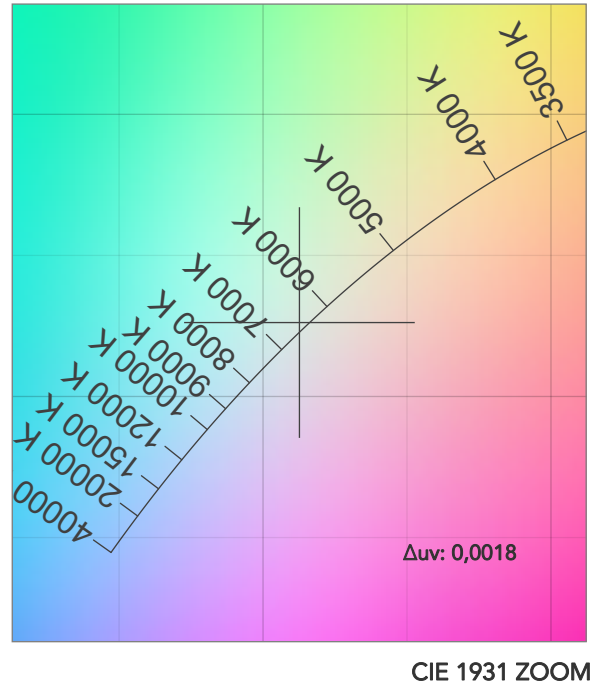
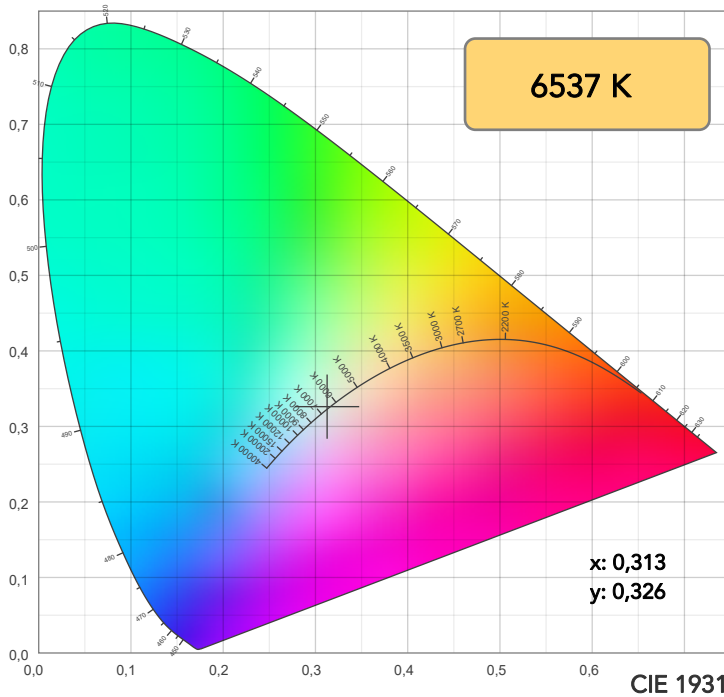
Field angle 10%: 41,6°

Cut off angle 2.5%: 48,3°

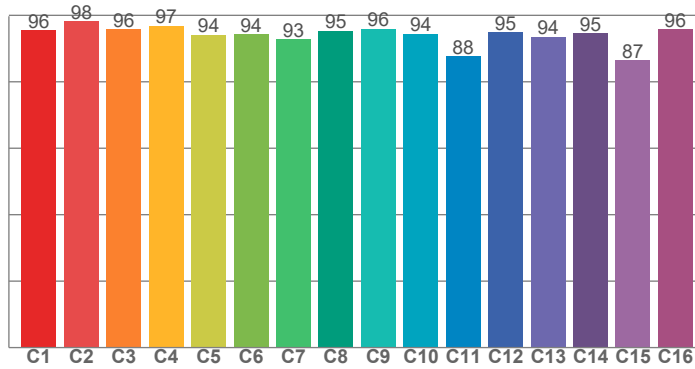
Spectra



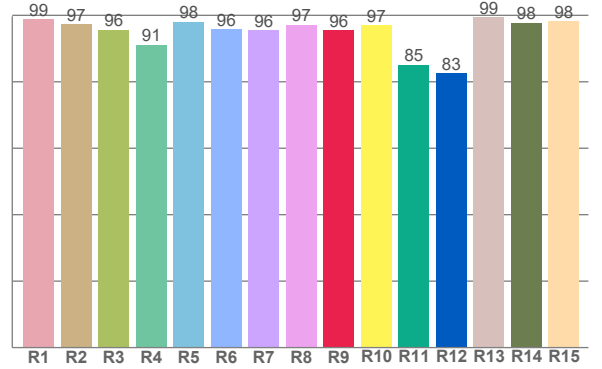
COLOR DETAILS



TM30: 94,1



CRI: 96,2 (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
98,7	97,4	95,7	91,2	98,1	95,9	95,6	97,2	95,7	96,9	85,1	82,6	99,4	97,8	98,3

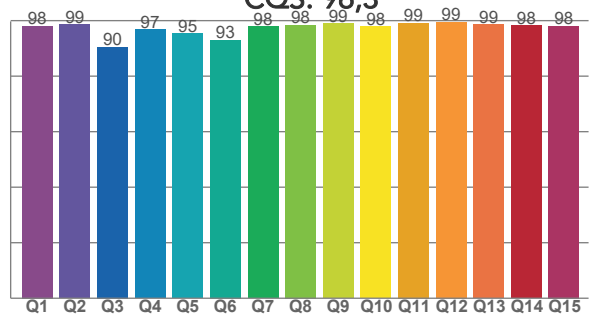
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,6	98,2	95,7	96,8	94,2	94,2	92,8	95,4	95,9	94,4	87,6	95,0	93,6	94,5	86,5	95,8

CQS Q values

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

CQS: 96,3



COLOR PARAMETERS

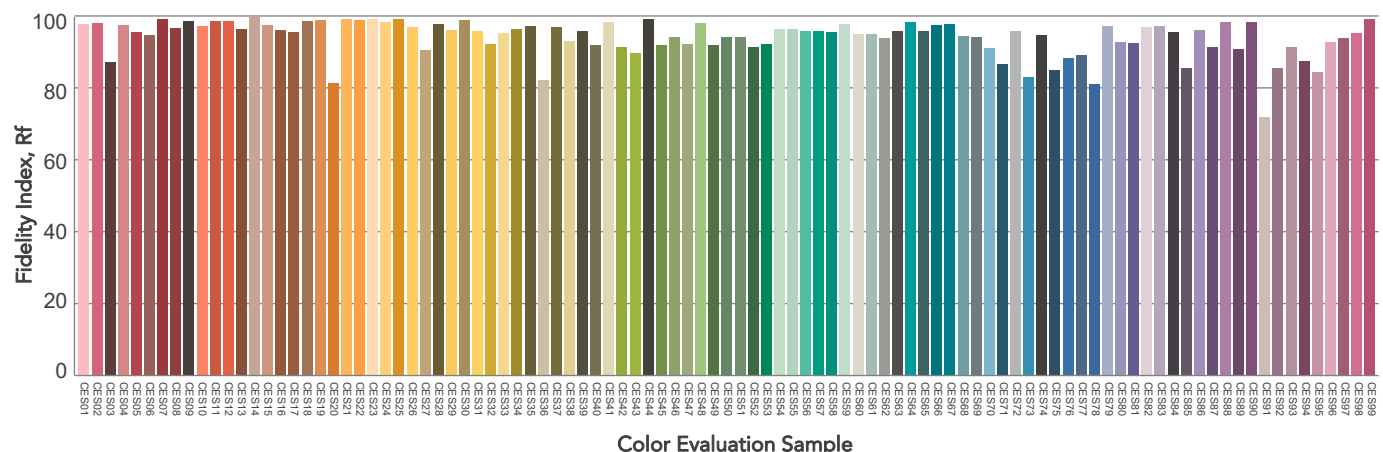
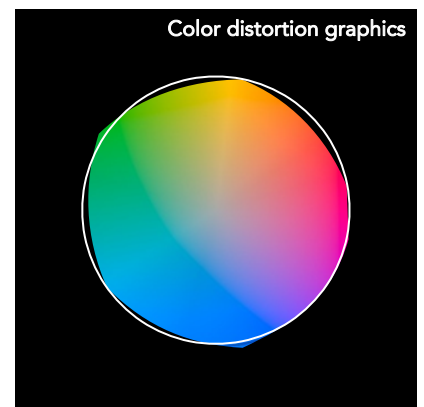
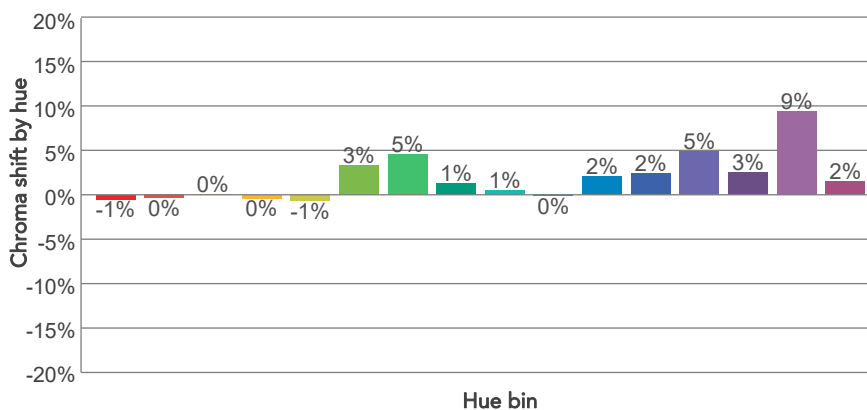
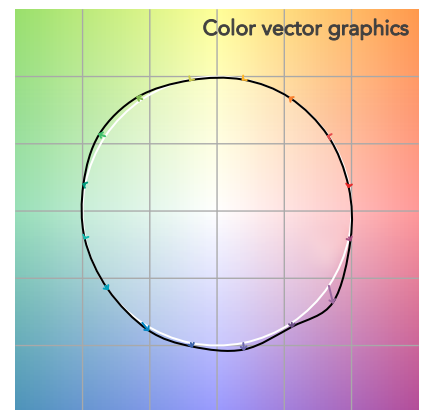
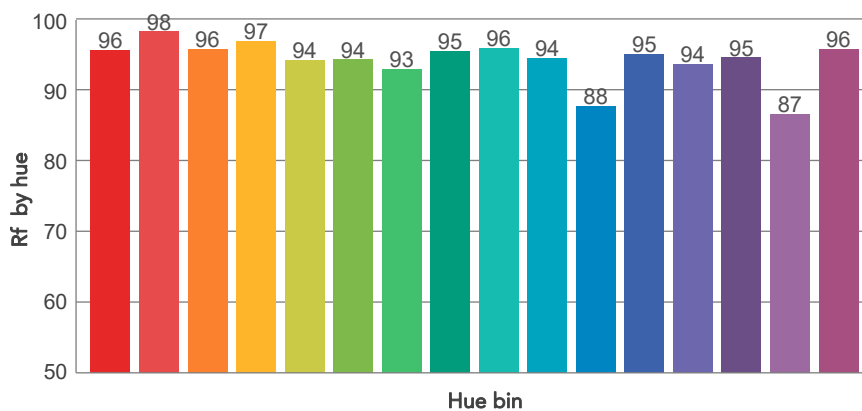
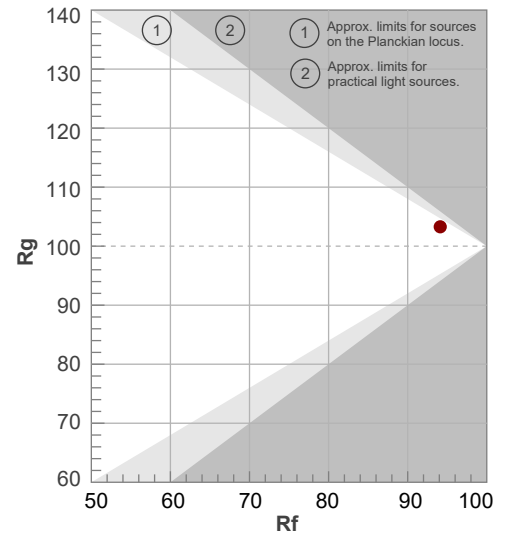
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6537 K	96,2	95,7	94,1	103,3	96,3	93	0,313	0,326	0,0018

TM30 DETAILS

Rf 94,1
Fidelity index Rf

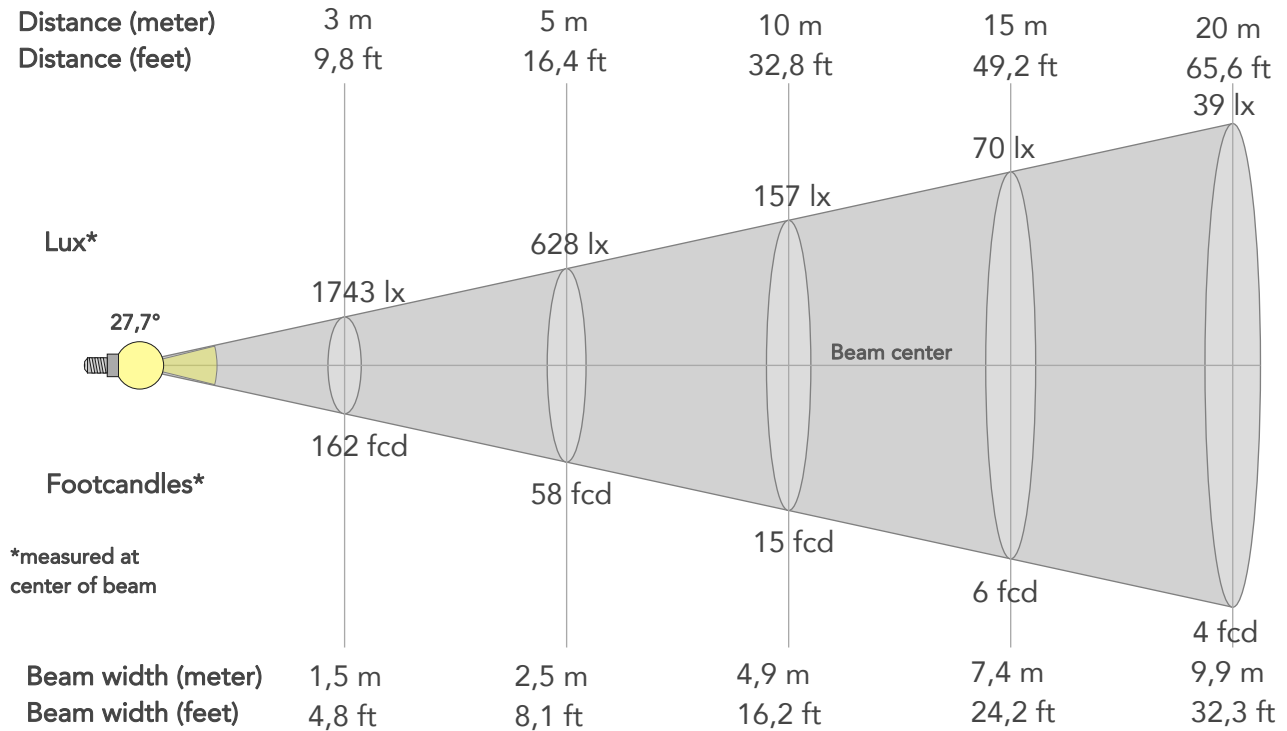
Rg 103,3
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	-1%	-1%
2	98	0%	0%
3	96	0%	2%
4	97	0%	0%
5	94	-1%	1%
6	94	3%	2%
7	93	5%	1%
8	95	1%	0%
9	96	1%	1%
10	94	0%	3%
11	88	2%	7%
12	95	2%	1%
13	94	5%	-1%
14	95	3%	-1%
15	87	9%	-9%
16	96	2%	-2%



BEAM DETAILS

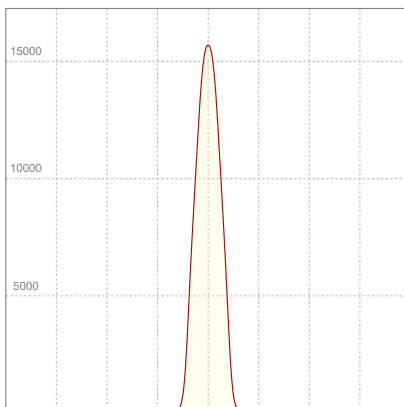
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,7°	41,6°	48,3°	99,5%	98,9%



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	15690lx	3922lx	1743lx	981lx	628lx	279lx	157lx	70lx	39lx	25lx	17lx	10lx	6lx
Footcand.	1458fcd	364fcd	162fcd	91fcd	58fcd	26fcd	15fcd	6fcd	4fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,5m	1m	1,5m	2m	2,5m	3,7m	4,9m	7,4m	9,9m	12,3m	14,8m	19,7m	24,6m
Beam wid.	1,6ft	3,3ft	4,8ft	6,5ft	8,1ft	12,1ft	16,2ft	24,2ft	32,3ft	40,4ft	48,5ft	64,7ft	80,8ft

LINEAR DISTRIBUTION DIAGRAM

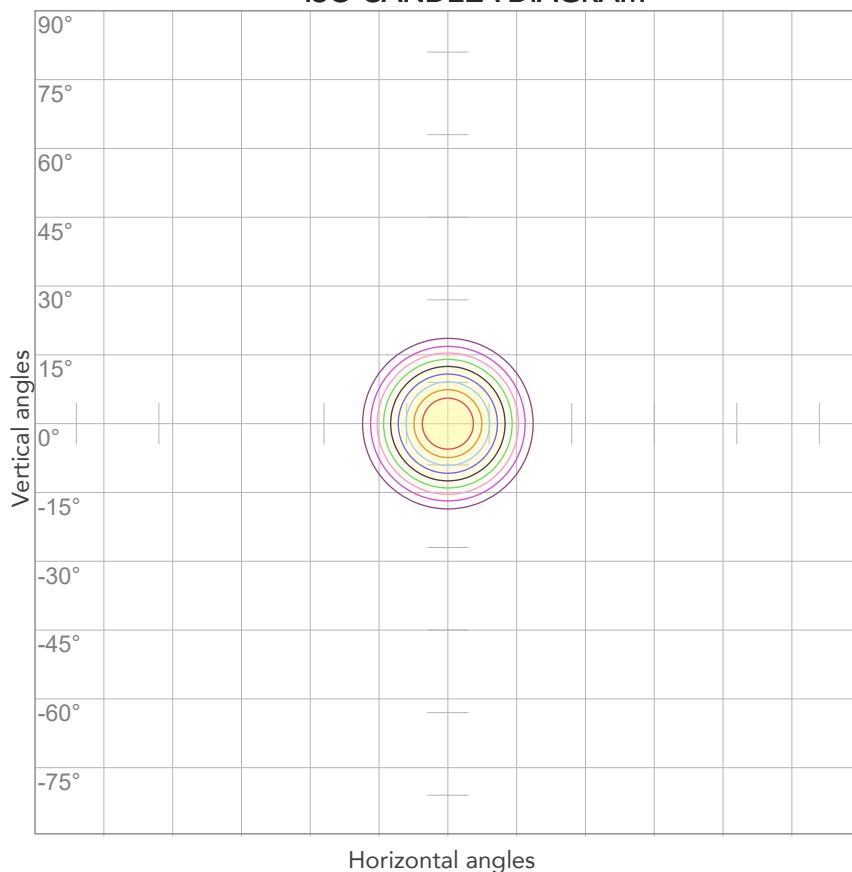


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,558A	125,1W	0,99	27lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



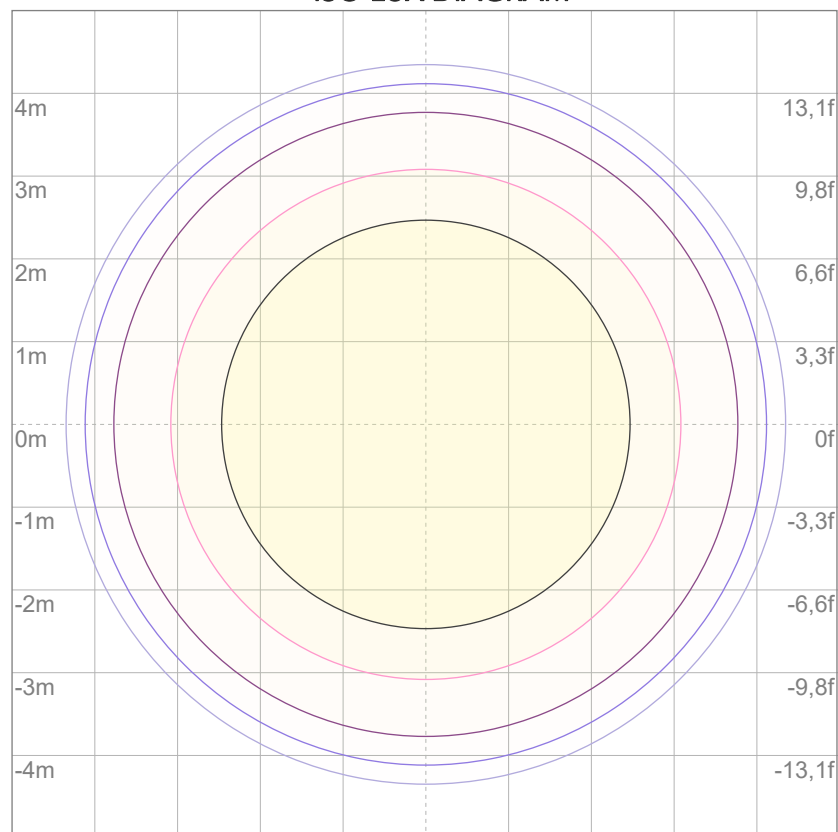
10%	1569 cd
20%	3138 cd
30%	4707 cd
40%	6276 cd
50%	7845 cd
60%	9414 cd
70%	10983 cd
80%	12552 cd

Conditions:

Number of c-planes: 2

Candela at center: 15690 cd

ISO LUX DIAGRAM



3%	4,71 lx
5%	7,84 lx
10%	15,7 lx
30%	47,1 lx
50%	78,4 lx

Conditions:

Number of c-planes: 2

Lux at center: 157 lx

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



Total lumen output:

2406 lm

Peak candela output:

64001 cd

Light quality:

CRI: 96,3

Color temperature:

6494 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

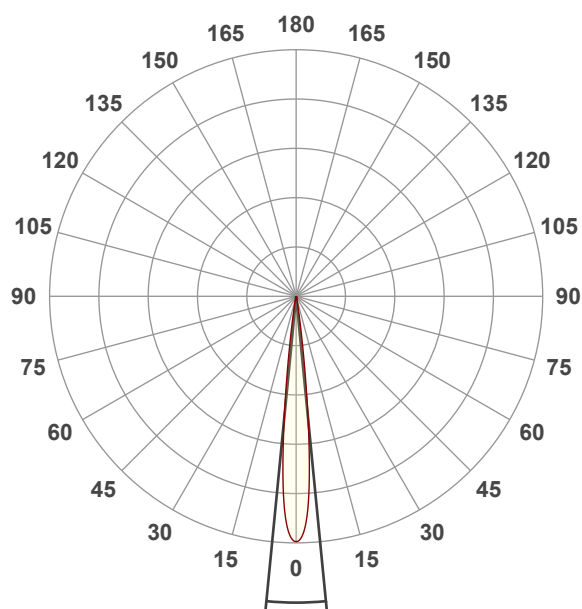
Full On

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 09:25:00

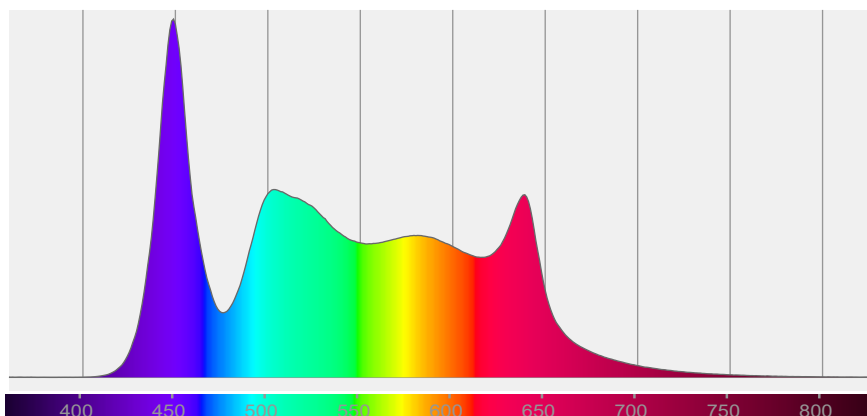


Beam angle 50%: 11,2°

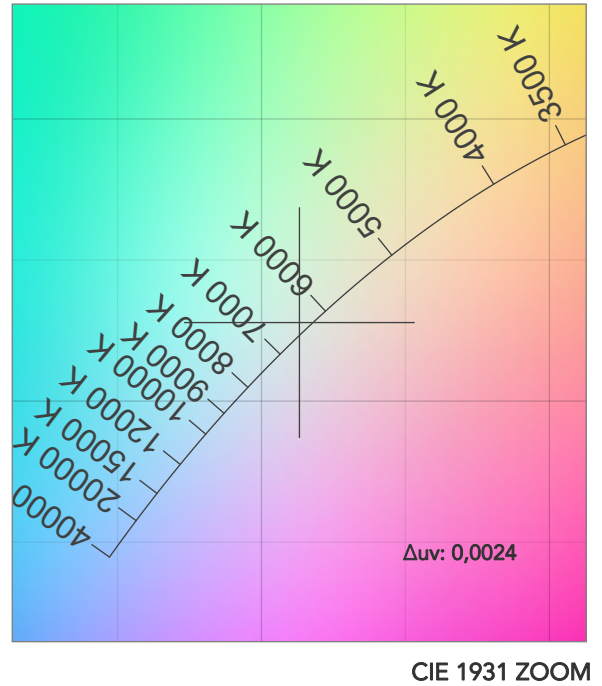
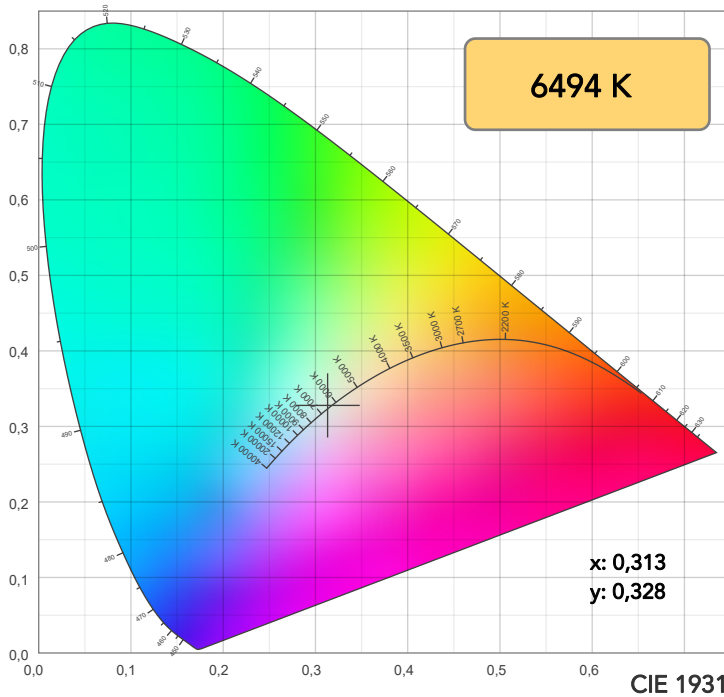
Field angle 10%: 17,3°

Cut off angle 2.5%: 21,9°

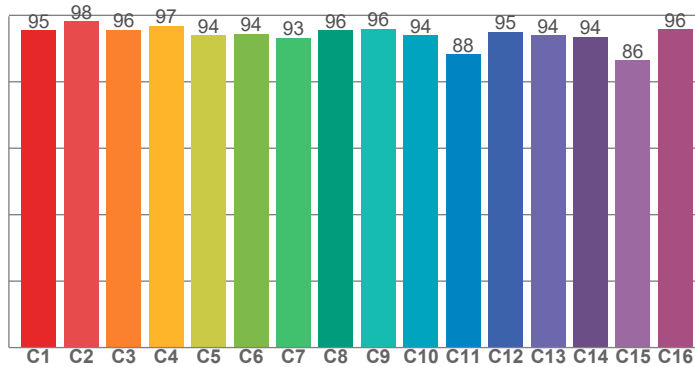
Spectra



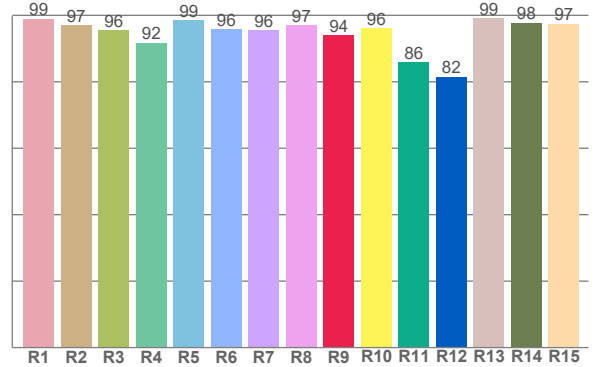
COLOR DETAILS



TM30: 94,1



CRI: 96,3 (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
99,0	97,1	95,6	91,7	98,5	95,7	95,6	97,1	93,9	96,0	85,9	81,5	99,2	97,8	97,5

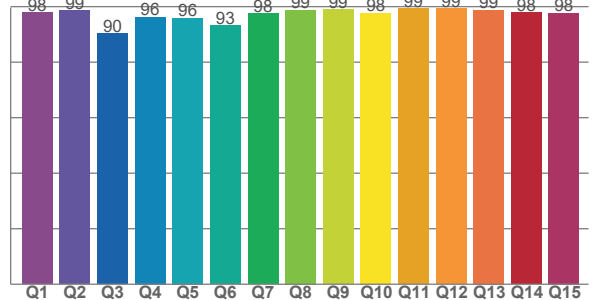
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,5	98,3	95,6	96,8	94,1	94,4	93,2	95,6	96,0	93,9	88,3	95,0	94,0	93,5	86,4	95,8

CQS Q values

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

CQS: 96,3



COLOR PARAMETERS

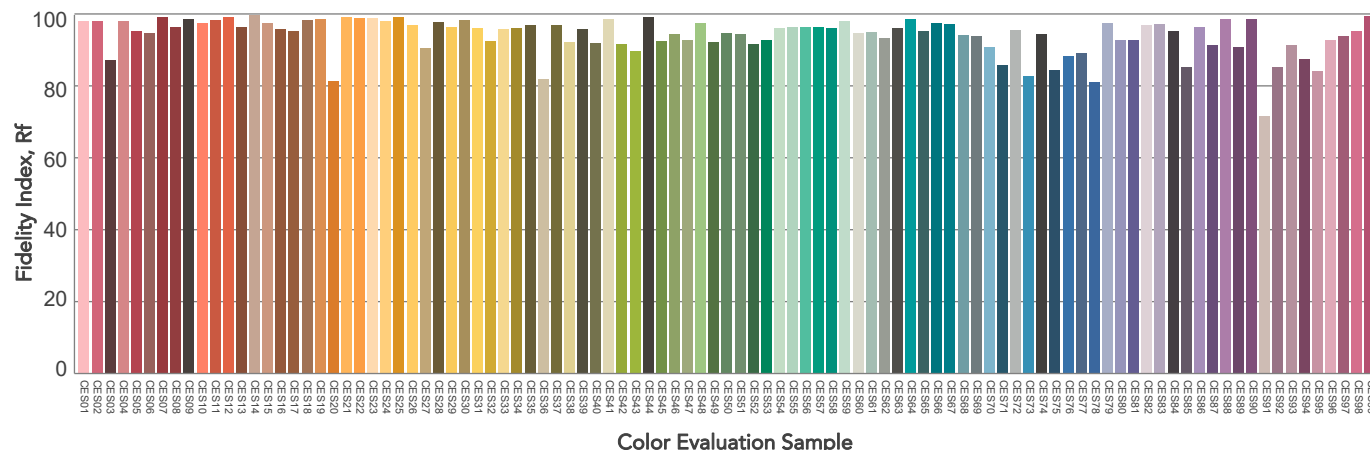
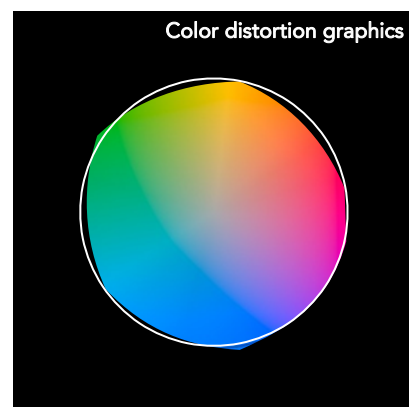
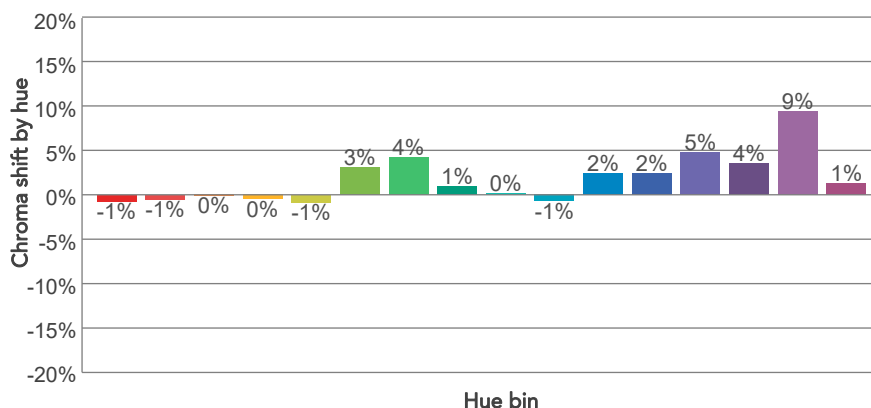
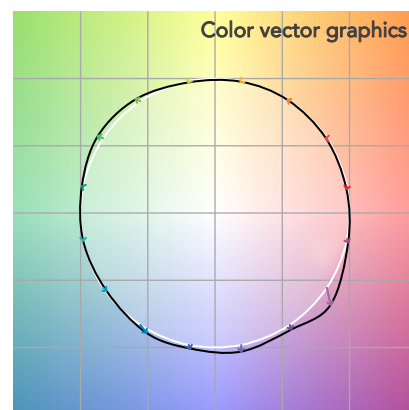
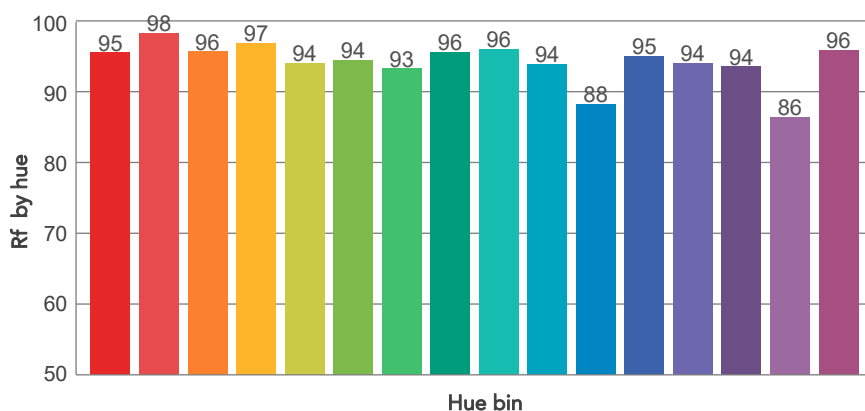
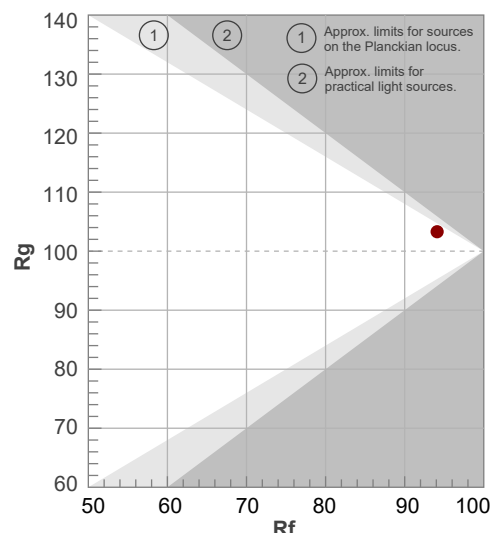
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6494 K	96,3	93,9	94,1	103,3	96,3	93	0,313	0,328	0,0024

TM30 DETAILS

Rf 94,1
Fidelity index Rf

Rg 103,3
Gammut index

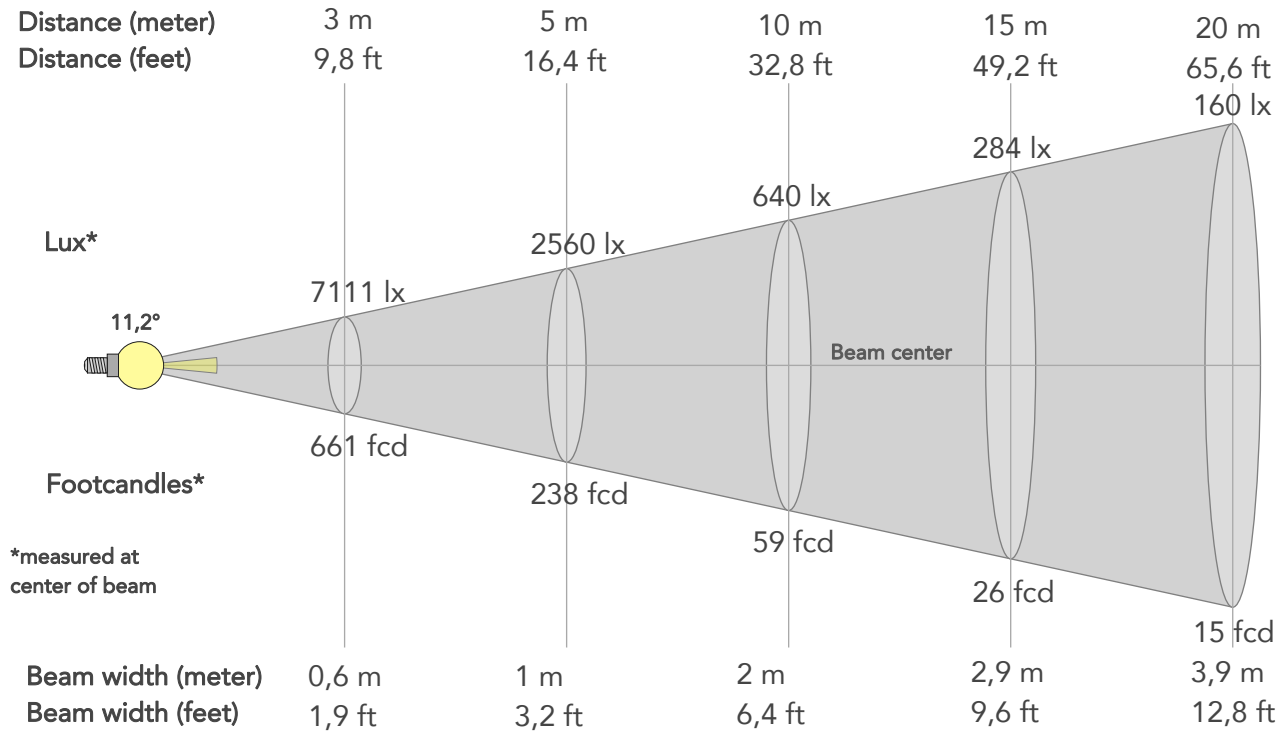
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	-1%
2	98	-1%	0%
3	96	0%	2%
4	97	0%	0%
5	94	-1%	1%
6	94	3%	2%
7	93	4%	1%
8	96	1%	0%
9	96	0%	1%
10	94	-1%	3%
11	88	2%	7%
12	95	2%	2%
13	94	5%	-1%
14	94	4%	-1%
15	86	9%	-9%
16	96	1%	-2%



BEAM DETAILS



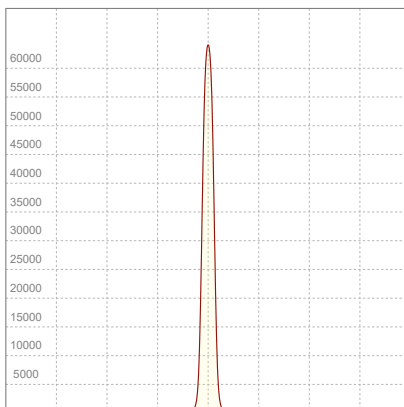
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,2°	17,3°	21,9°	100,0%	100,0%



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	64001lx	16000lx	7111lx	4000lx	2560lx	1138lx	640lx	284lx	160lx	102lx	71lx	40lx	26lx
Footcand.	5946fcd	1486fcd	661fcd	372fcd	238fcd	106fcd	59fcd	26fcd	15fcd	10fcd	7fcd	4fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	2,9m	3,9m	4,9m	5,9m	7,8m	9,8m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,6ft	12,8ft	16ft	19,2ft	25,6ft	32ft

LINEAR DISTRIBUTION DIAGRAM

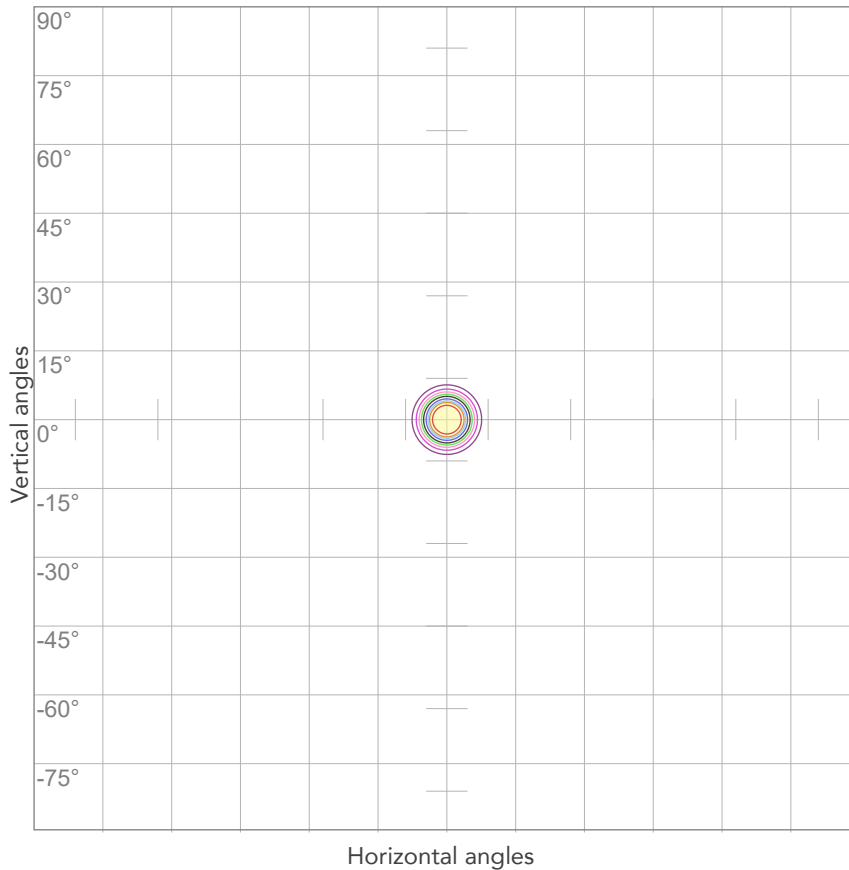


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
224V	0,579A	126,5W	0,97	19lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



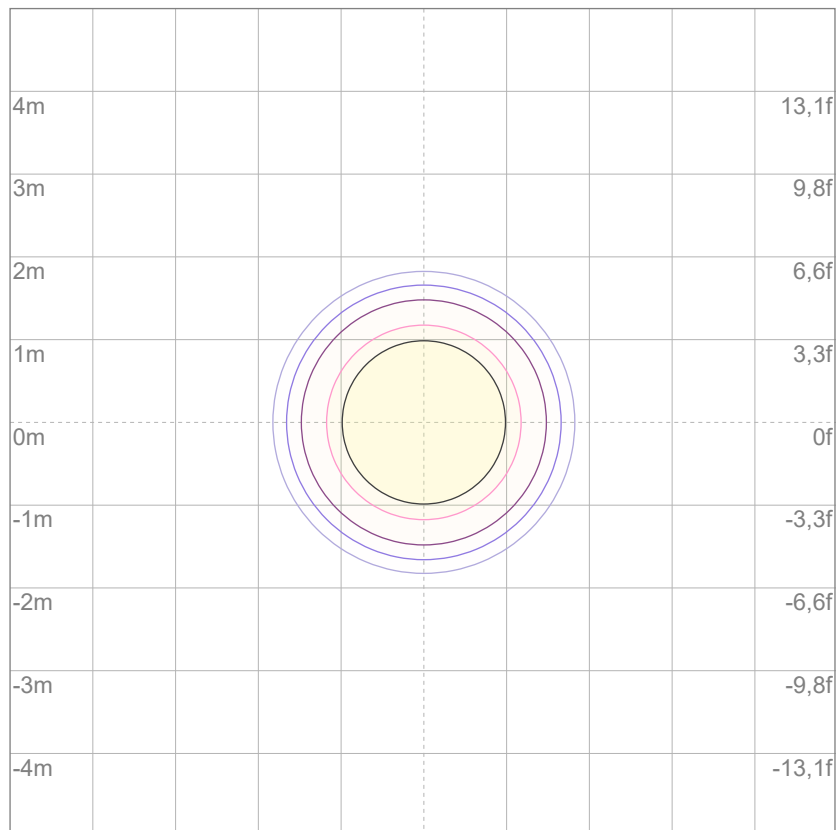
10%	6400 cd
20%	12800 cd
30%	19200 cd
40%	25600 cd
50%	32001 cd
60%	38401 cd
70%	44801 cd
80%	51201 cd

Conditions:

Number of c-planes: 2

Candela at center: 64001 cd

ISO LUX DIAGRAM



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

Conditions:

Number of c-planes: 2

Lux at center: 640 lx

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



Total lumen output:

381 lm

Peak candela output:

600 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

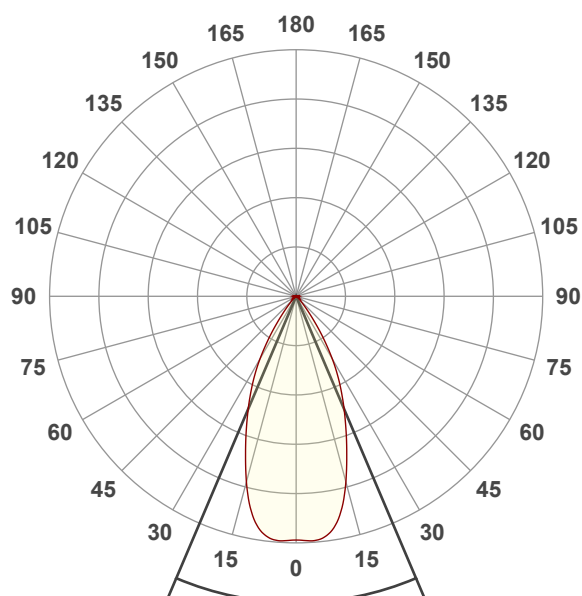
Red

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:04:56

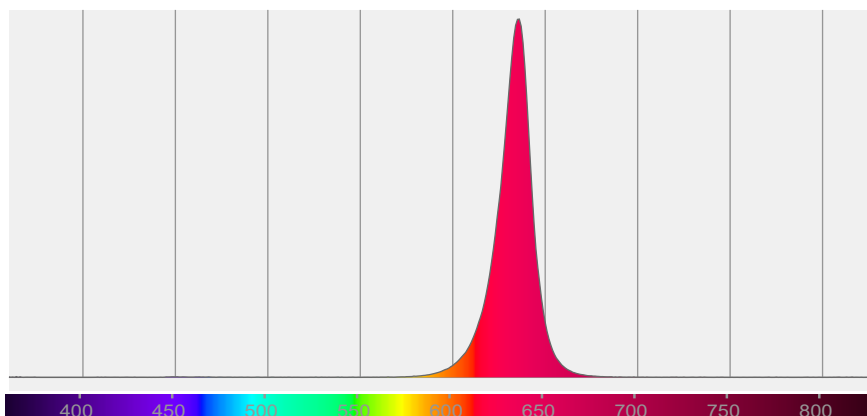


Beam angle 50%: 46,1°

Field angle 10%: 74,5°

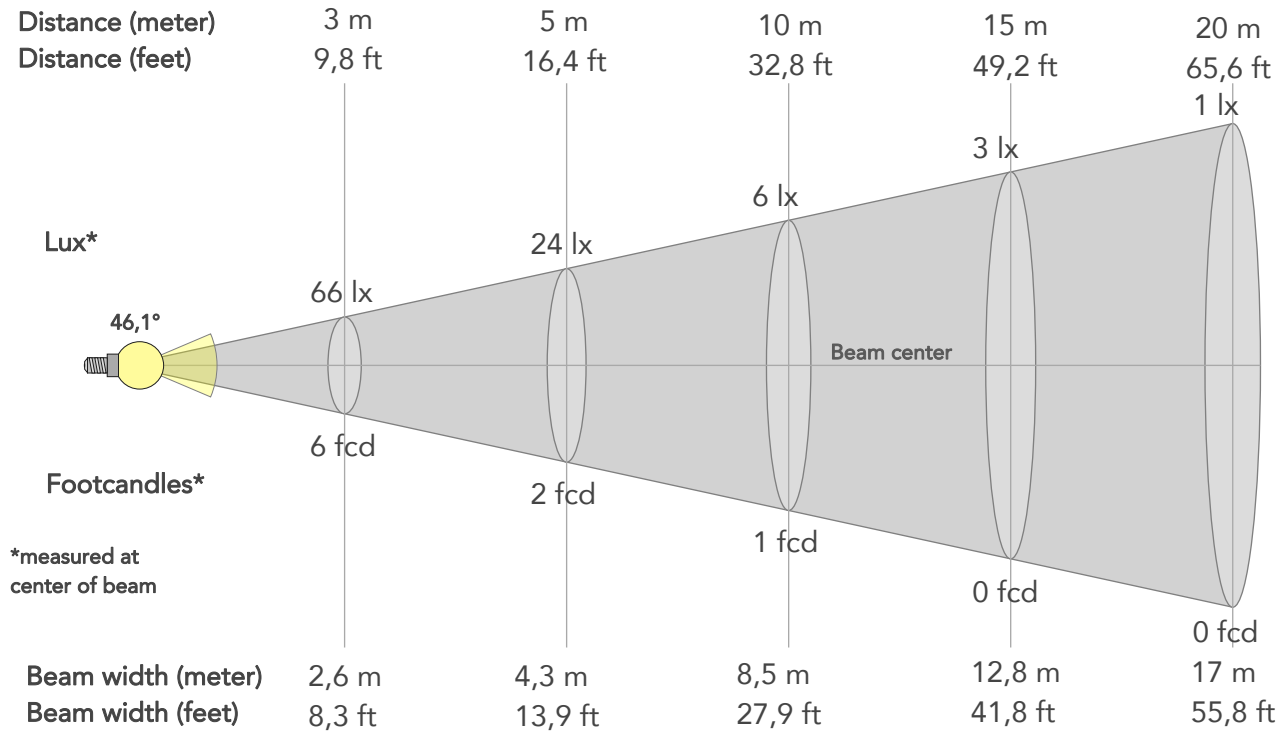
Cut off angle 2.5%: 88,9°

Spectra



BEAM DETAILS

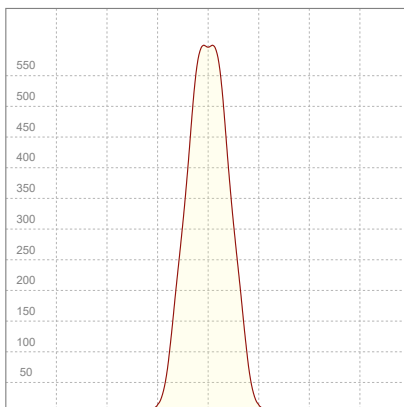
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,1°	74,5°	88,9°	99,5%	97,6%



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	597lx	149lx	66lx	37lx	24lx	11lx	6lx	3lx	1lx	1lx	1lx	0lx	0lx
Footcand.	55fcd	14fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,5m	12,8m	17m	21,3m	25,5m	34m	42,5m
Beam wid.	2,8ft	5,6ft	8,3ft	11,1ft	13,9ft	20,9ft	27,9ft	41,8ft	55,8ft	69,7ft	83,7ft	111,6ft	139,5ft

LINEAR DISTRIBUTION DIAGRAM

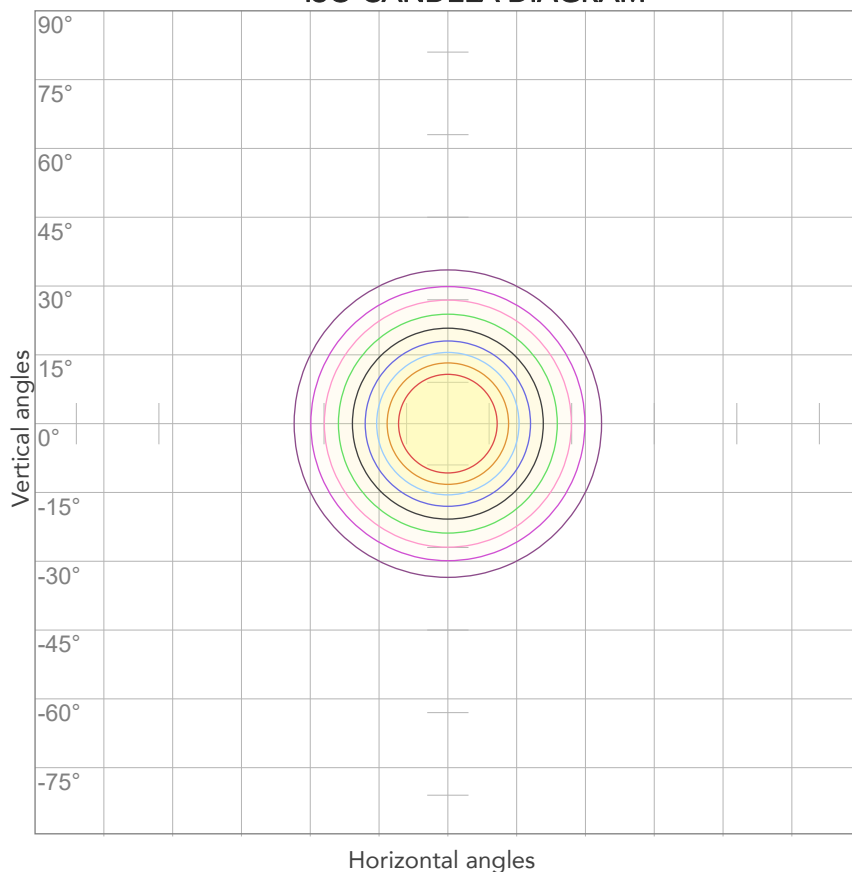


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,171A	22,1W	0,57	17lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



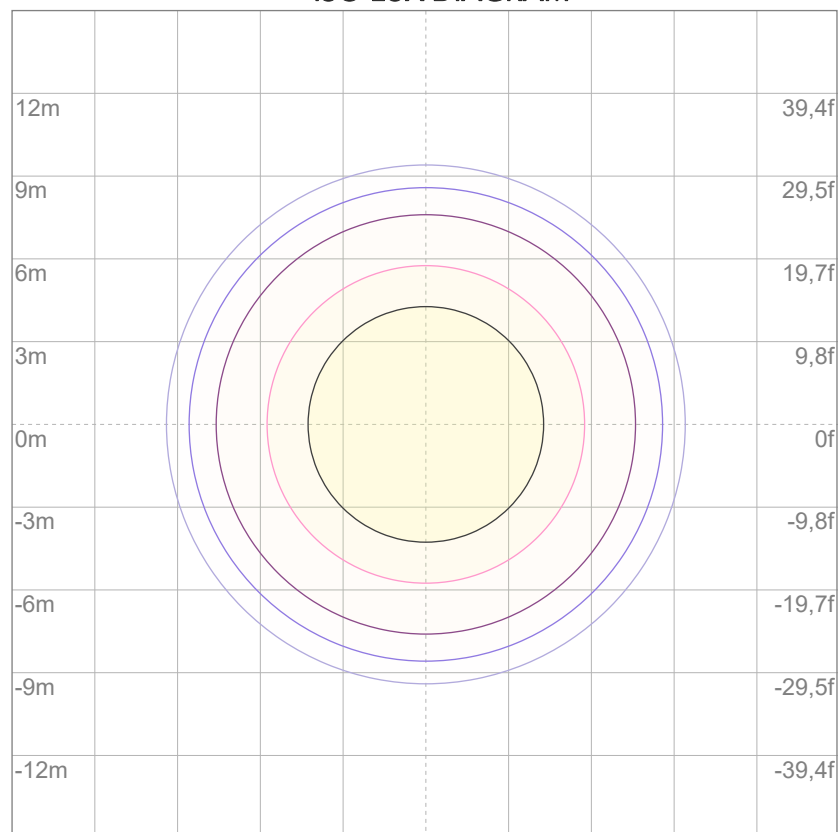
10%	60 cd
20%	119 cd
30%	179 cd
40%	239 cd
50%	298 cd
60%	358 cd
70%	418 cd
80%	477 cd

Conditions:

Number of c-planes: 2

Candela at center: 597 cd

ISO LUX DIAGRAM



3%	0,179 lx
5%	0,298 lx
10%	0,597 lx
30%	1,79 lx
50%	2,98 lx

Conditions:

Number of c-planes: 2

Lux at center: 5,97 lx

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



Total lumen output:

343 lm

Peak candela output:

1669 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

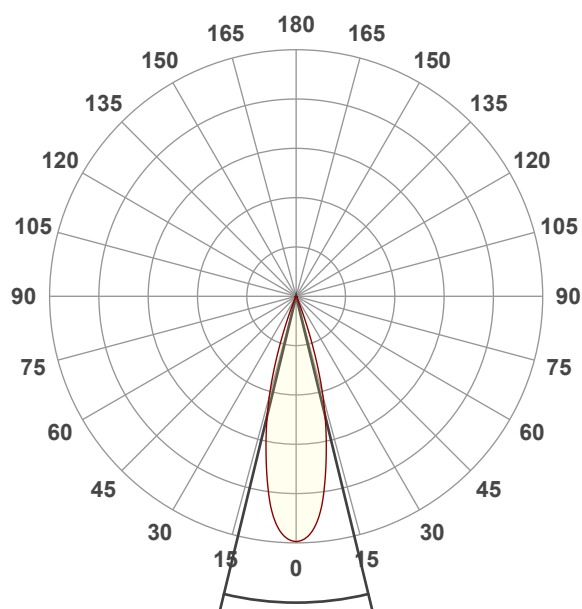
Red

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 14:22:15

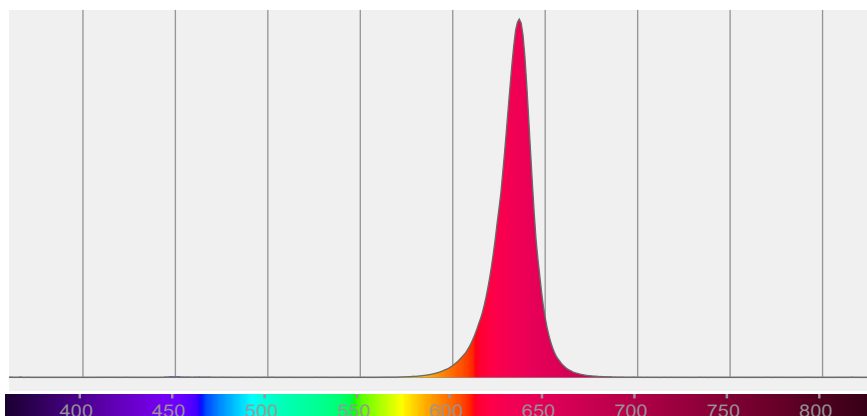


Beam angle 50%: 27,3°

Field angle 10%: 41,4°

Cut off angle 2.5%: 47,9°

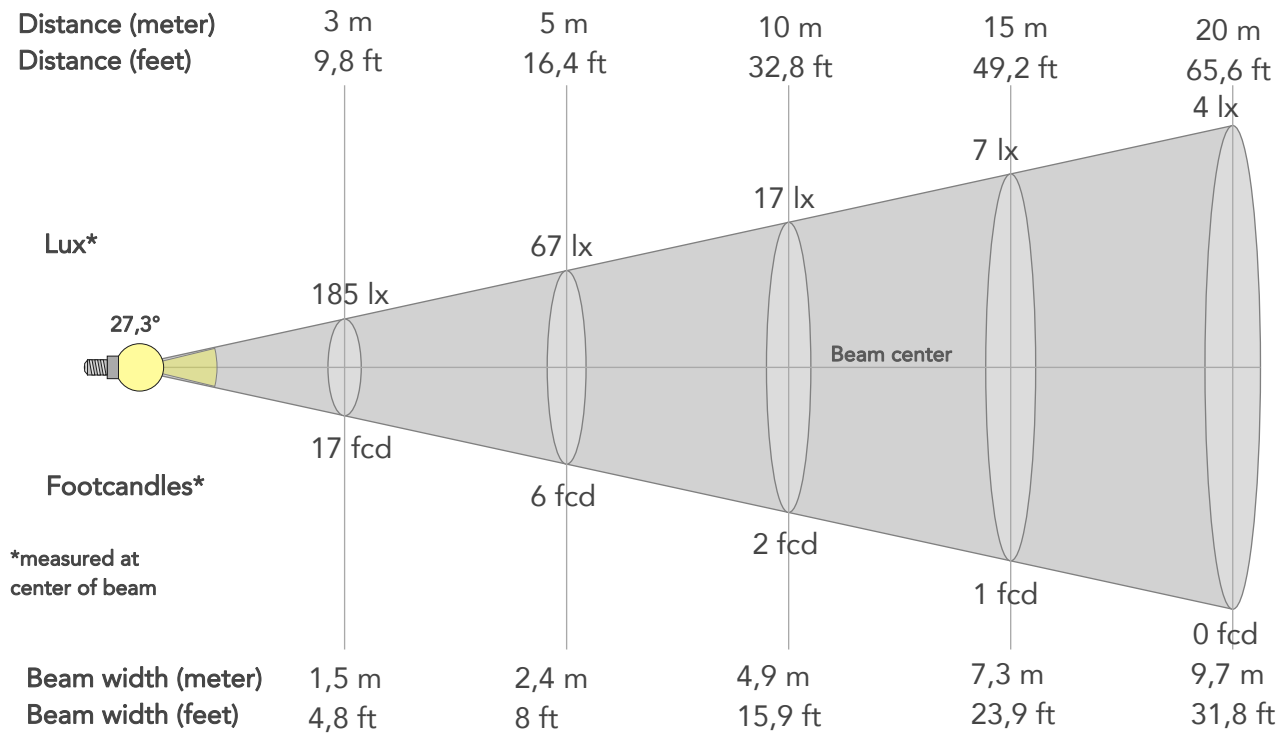
Spectra



BEAM DETAILS



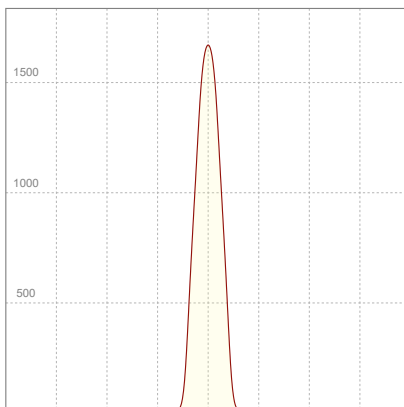
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,3°	41,4°	47,9°	100,0%	99,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	1669lx	417lx	185lx	104lx	67lx	30lx	17lx	7lx	4lx	3lx	2lx	1lx	1lx
Footcand.	155fcd	39fcd	17fcd	10fcd	6fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,5m	1m	1,5m	1,9m	2,4m	3,6m	4,9m	7,3m	9,7m	12,1m	14,6m	19,4m	24,3m
Beam wid.	1,6ft	3,2ft	4,8ft	6,4ft	8ft	11,9ft	15,9ft	23,9ft	31,8ft	39,8ft	47,7ft	63,6ft	79,6ft

LINEAR DISTRIBUTION DIAGRAM

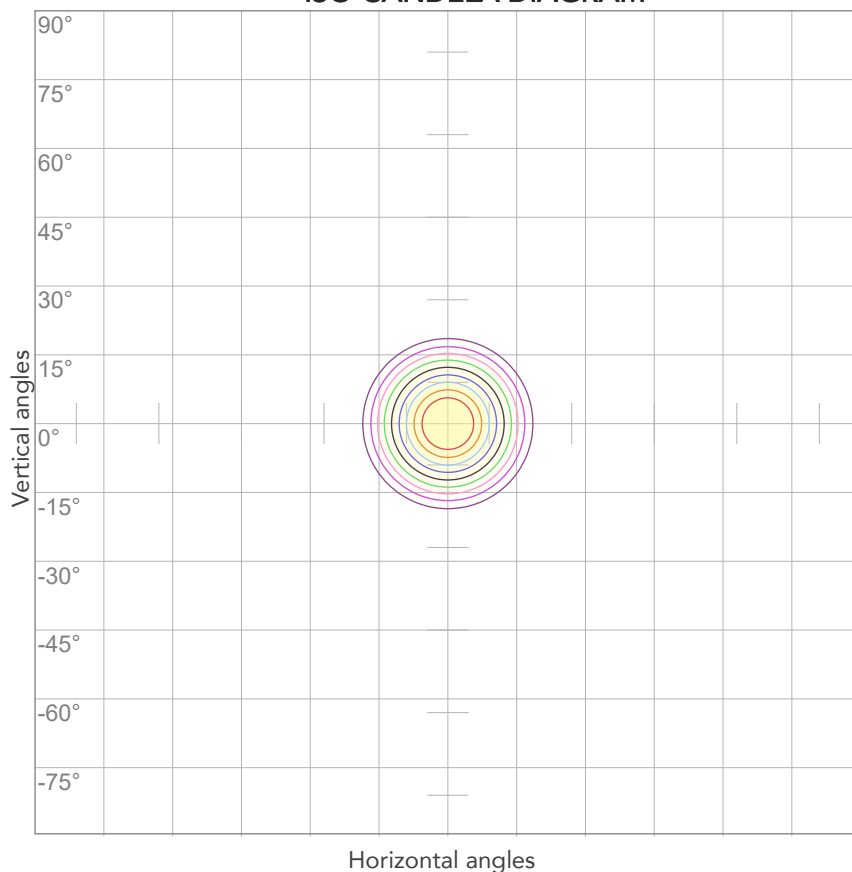


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,170A	22,0W	0,57	16lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



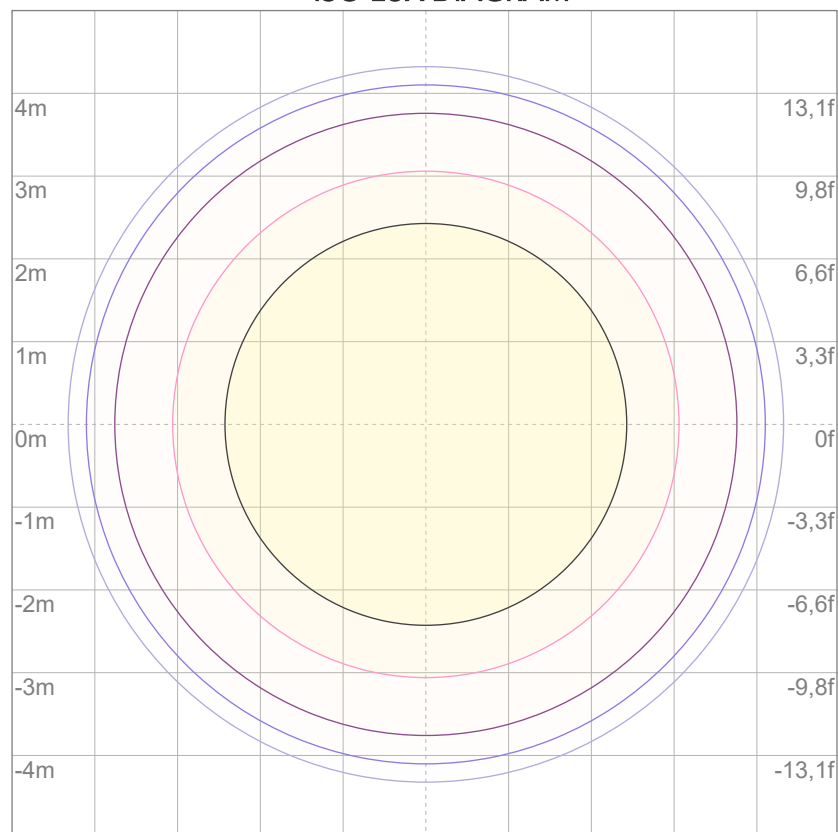
10%	167 cd
20%	334 cd
30%	501 cd
40%	668 cd
50%	835 cd
60%	1002 cd
70%	1168 cd
80%	1335 cd

Conditions:

Number of c-planes: 2

Candela at center: 1669 cd

ISO LUX DIAGRAM



3%	0,501 lx
5%	0,835 lx
10%	1,67 lx
30%	5,01 lx
50%	8,35 lx

Conditions:

Number of c-planes: 2

Lux at center: 16,7 lx

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



Total lumen output:

266 lm

Peak candela output:

7297 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

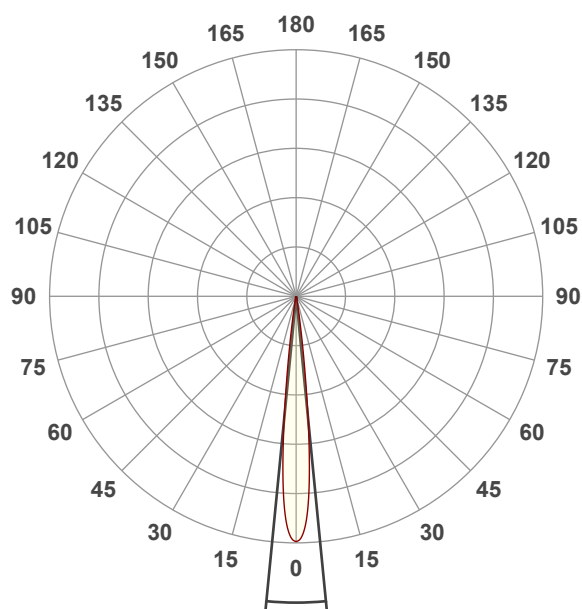
Red

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 10:45:31

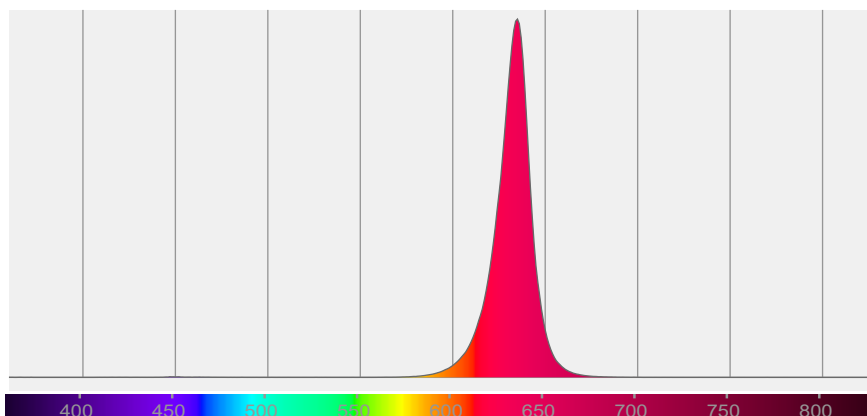


Beam angle 50%: 11,2°

Field angle 10%: 17,2°

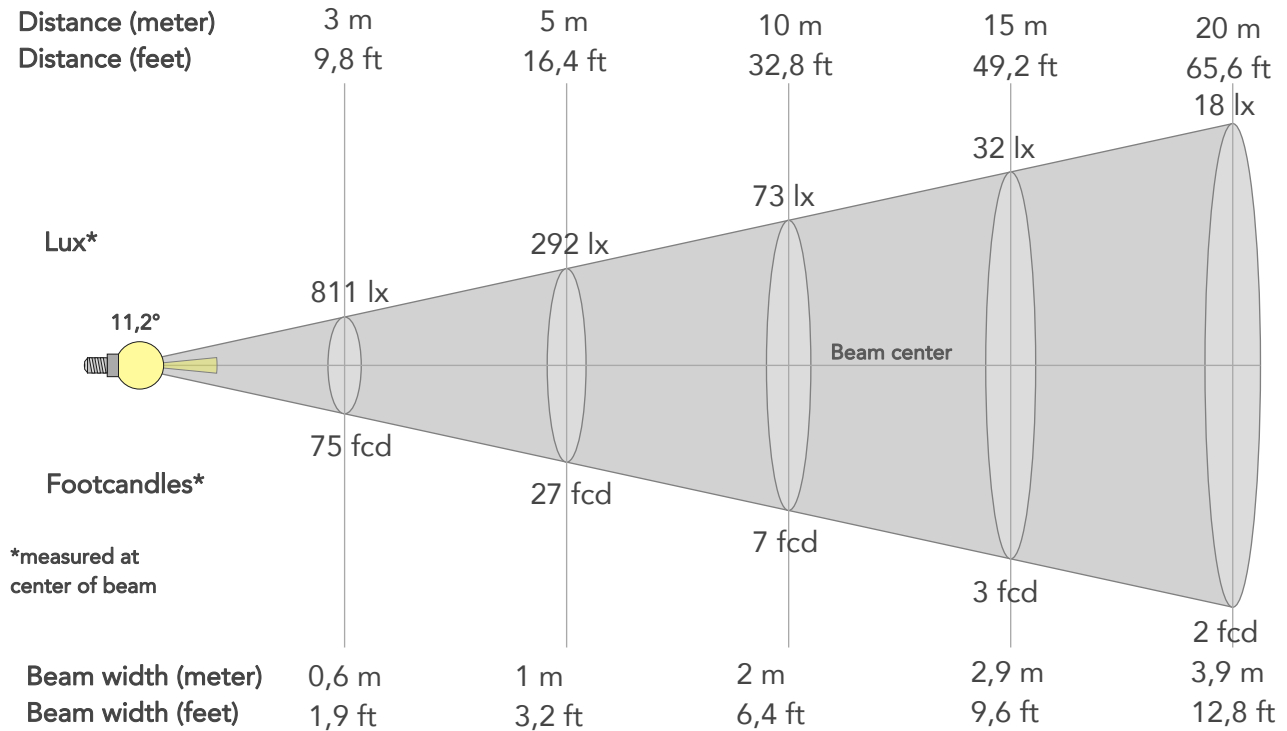
Cut off angle 2.5%: 21,5°

Spectra



BEAM DETAILS

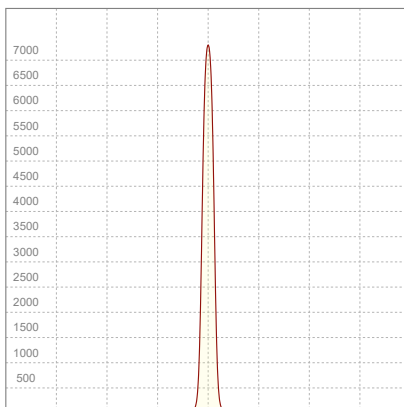
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,2°	17,2°	21,5°	100,0%	100,0%



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	7297lx	1824lx	811lx	456lx	292lx	130lx	73lx	32lx	18lx	12lx	8lx	5lx	3lx
Footcand.	678fcd	169fcd	75fcd	42fcd	27fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	2,9m	3,9m	4,9m	5,9m	7,8m	9,8m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,6ft	12,8ft	16ft	19,2ft	25,6ft	32ft

LINEAR DISTRIBUTION DIAGRAM

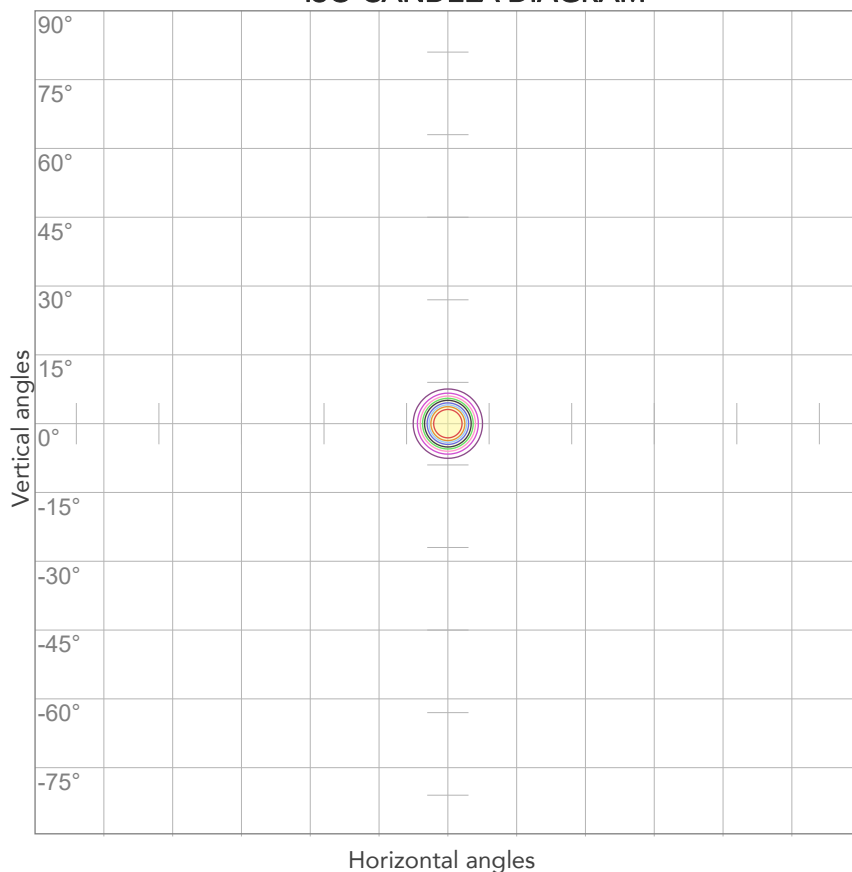


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
229V	0,177A	22,5W	0,56	12lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



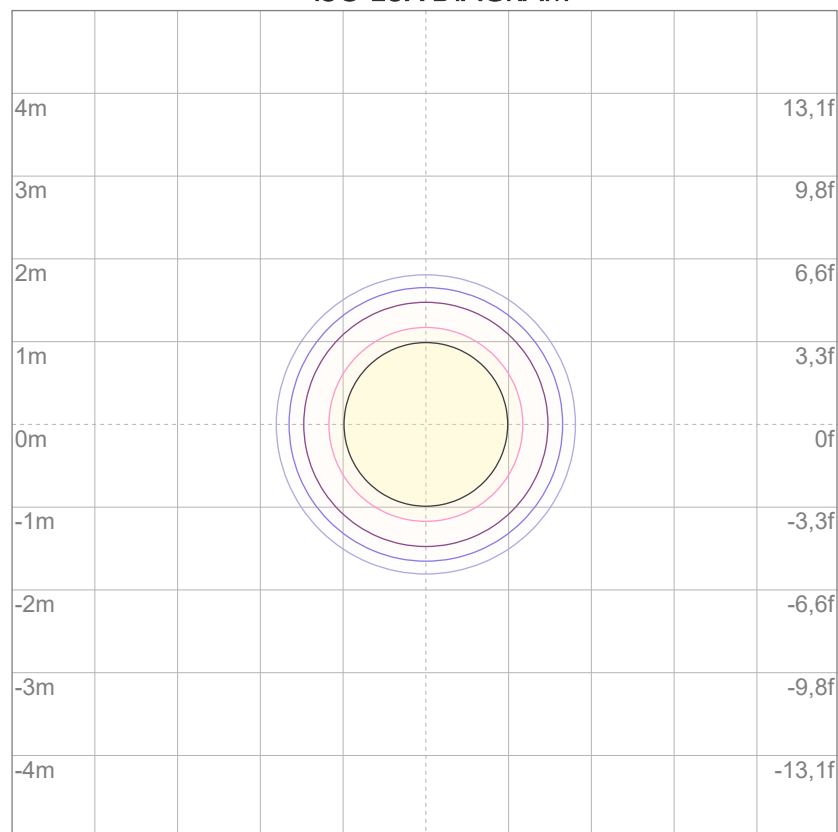
10%	730 cd
20%	1459 cd
30%	2189 cd
40%	2919 cd
50%	3648 cd
60%	4378 cd
70%	5108 cd
80%	5837 cd

Conditions:

Number of c-planes: 2

Candela at center: 7297 cd

ISO LUX DIAGRAM



3%	2,19 lx
5%	3,65 lx
10%	7,30 lx
30%	21,9 lx
50%	36,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 73,0 lx

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



Total lumen output:

724 lm

Peak candela output:

1119 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

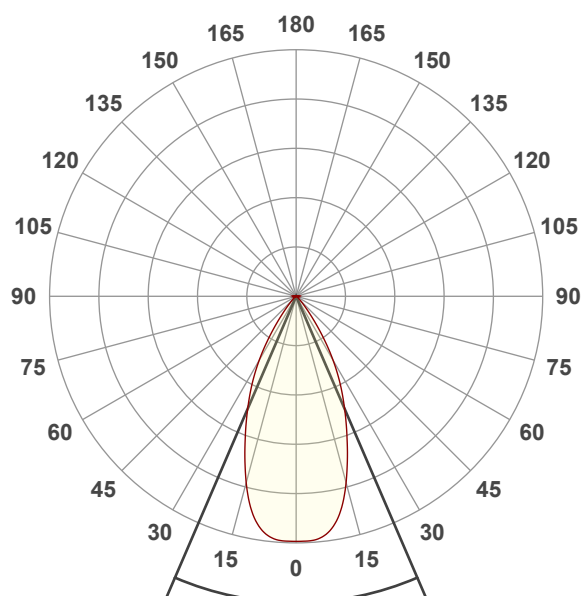
Green

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:06:56

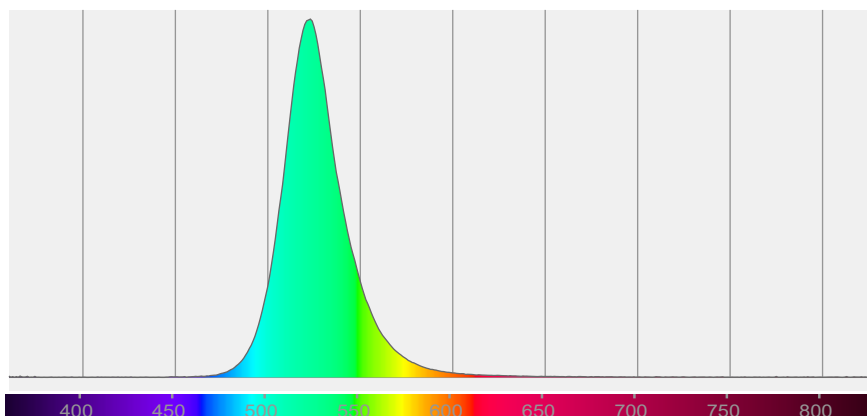


Beam angle 50%: 46,6°

Field angle 10%: 75°

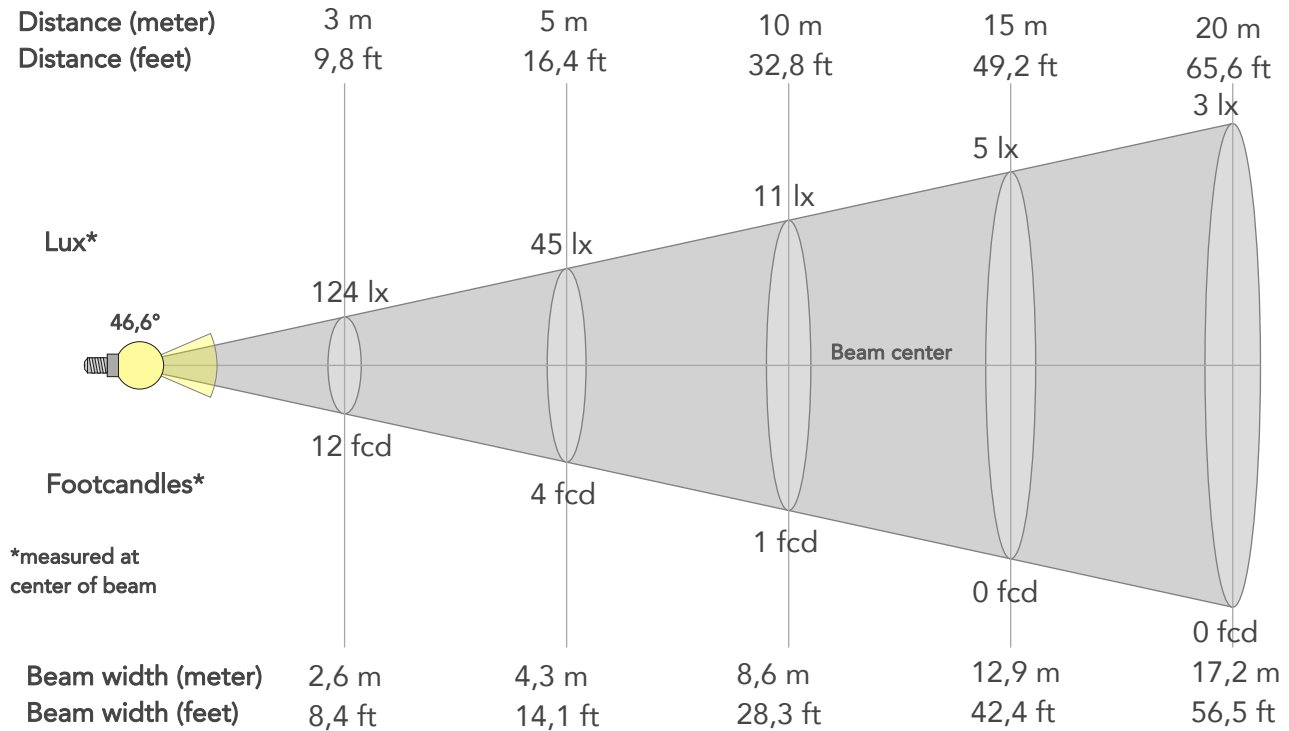
Cut off angle 2.5%: 89,9°

Spectra



BEAM DETAILS

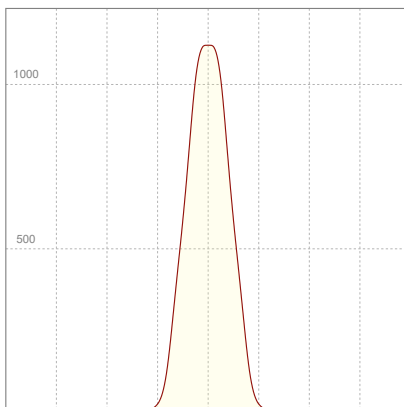
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,6°	75°	89,9°	99,2%	97,2%



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	1119lx	280lx	124lx	70lx	45lx	20lx	11lx	5lx	3lx	2lx	1lx	1lx	0lx
Footcand.	104fcd	26fcd	12fcd	6fcd	4fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,5m	8,6m	12,9m	17,2m	21,5m	25,8m	34,5m	43,1m
Beam wid.	2,8ft	5,7ft	8,4ft	11,3ft	14,1ft	21,2ft	28,3ft	42,4ft	56,5ft	70,6ft	84,8ft	113ft	141,3ft

LINEAR DISTRIBUTION DIAGRAM

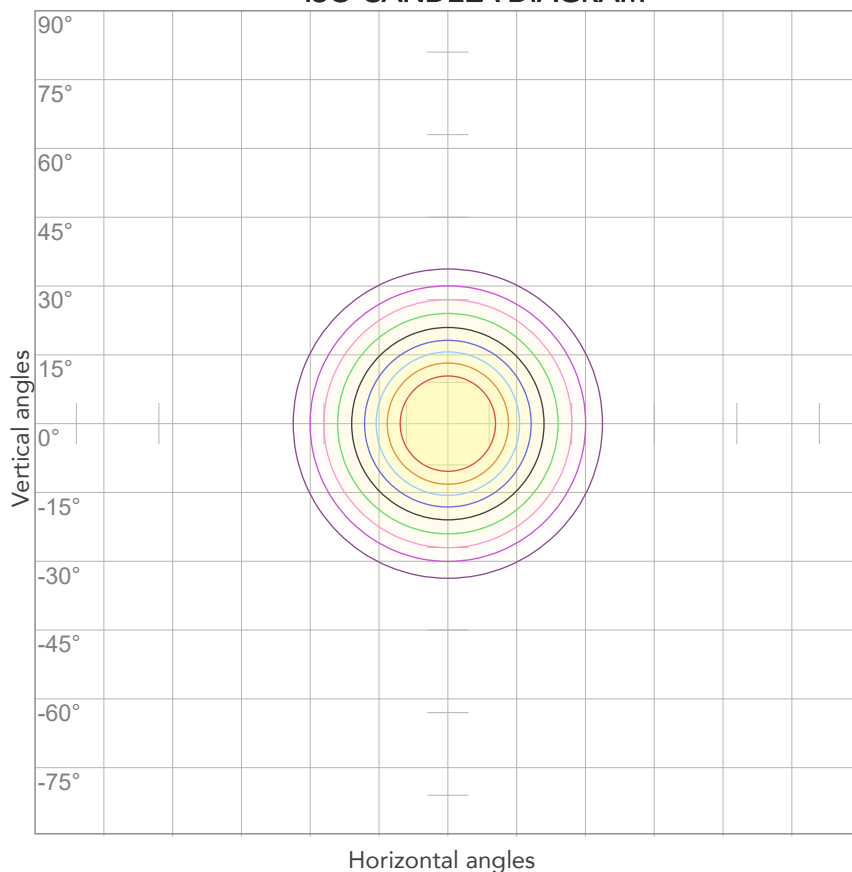


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,175A	25,0W	0,63	29lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



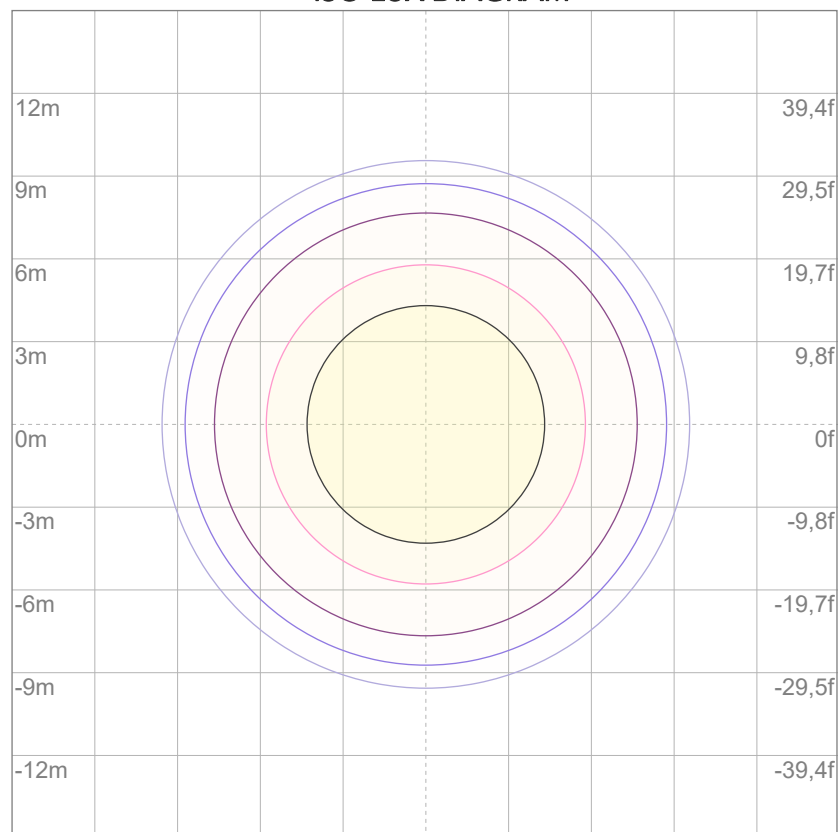
10%	112 cd
20%	224 cd
30%	336 cd
40%	448 cd
50%	560 cd
60%	672 cd
70%	784 cd
80%	896 cd

Conditions:

Number of c-planes: 2

Candela at center: 1119 cd

ISO LUX DIAGRAM



3%	0,336 lx
5%	0,560 lx
10%	1,12 lx
30%	3,36 lx
50%	5,60 lx

Conditions:

Number of c-planes: 2

Lux at center: 11,2 lx

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



Total lumen output:

682 lm

Peak candela output:

3252 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

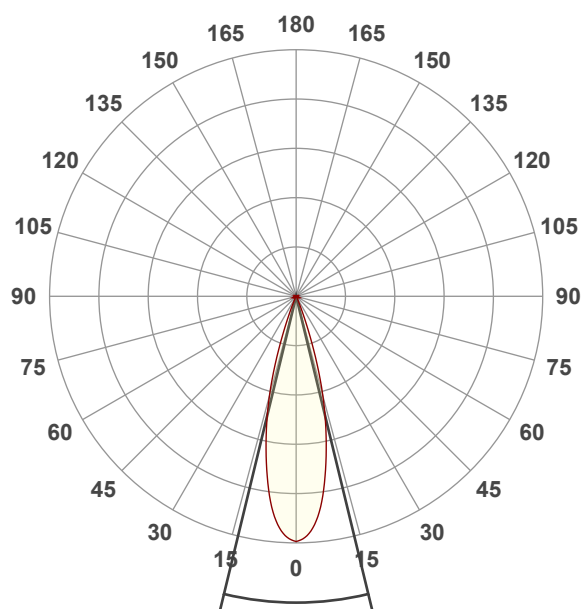
Green

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 14:24:32

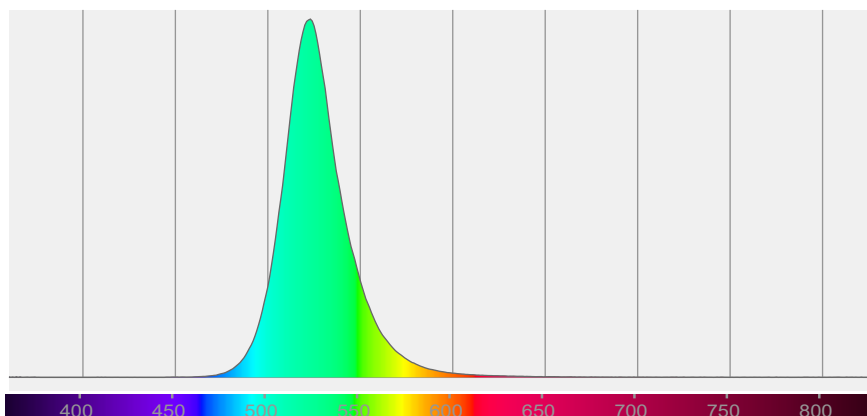


Beam angle 50%: 27,3°

Field angle 10%: 41,4°

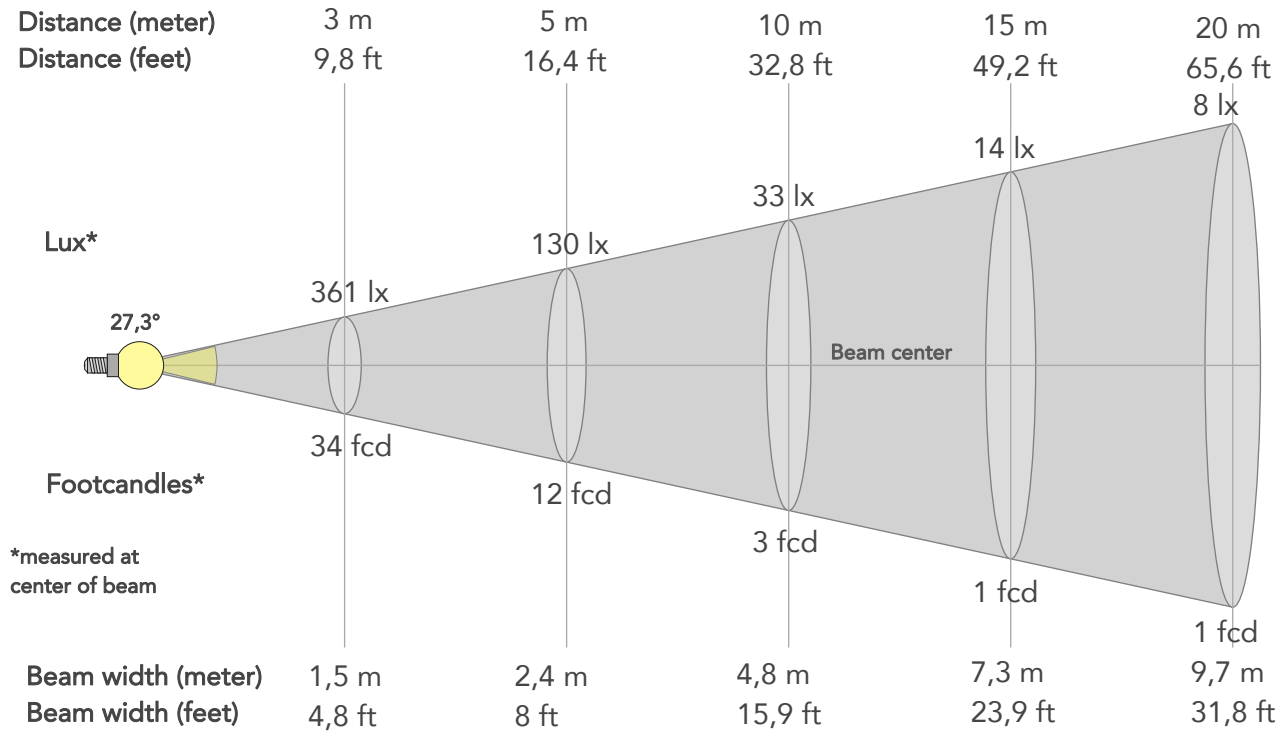
Cut off angle 2.5%: 48,2°

Spectra



BEAM DETAILS

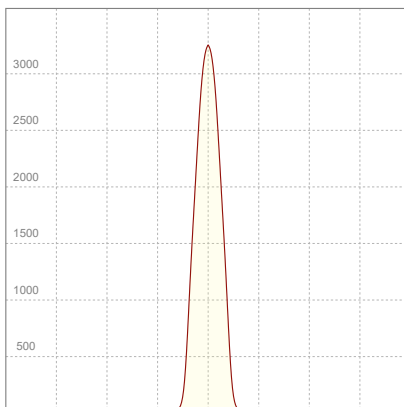
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,3°	41,4°	48,2°	99,3%	98,6%



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	3252lx	813lx	361lx	203lx	130lx	58lx	33lx	14lx	8lx	5lx	4lx	2lx	1lx
Footcand.	302fcd	76fcd	34fcd	19fcd	12fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,5m	1m	1,5m	1,9m	2,4m	3,6m	4,8m	7,3m	9,7m	12,1m	14,5m	19,4m	24,2m
Beam wid.	1,6ft	3,2ft	4,8ft	6,4ft	8ft	11,9ft	15,9ft	23,9ft	31,8ft	39,8ft	47,7ft	63,6ft	79,5ft

LINEAR DISTRIBUTION DIAGRAM

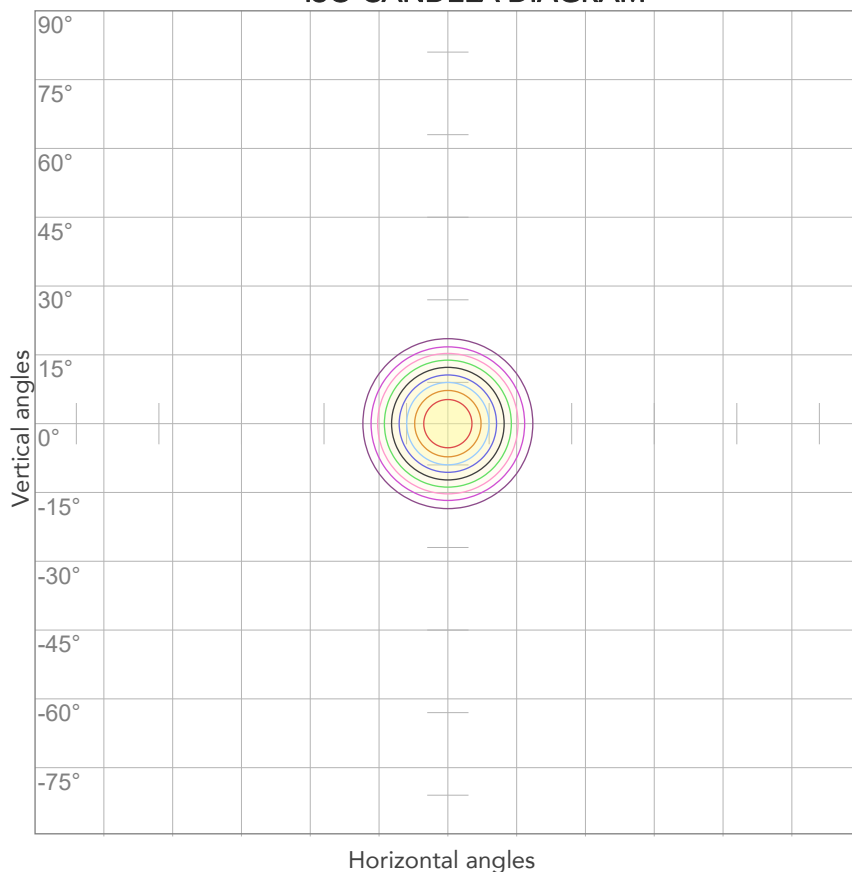


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,175A	24,9W	0,63	27lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



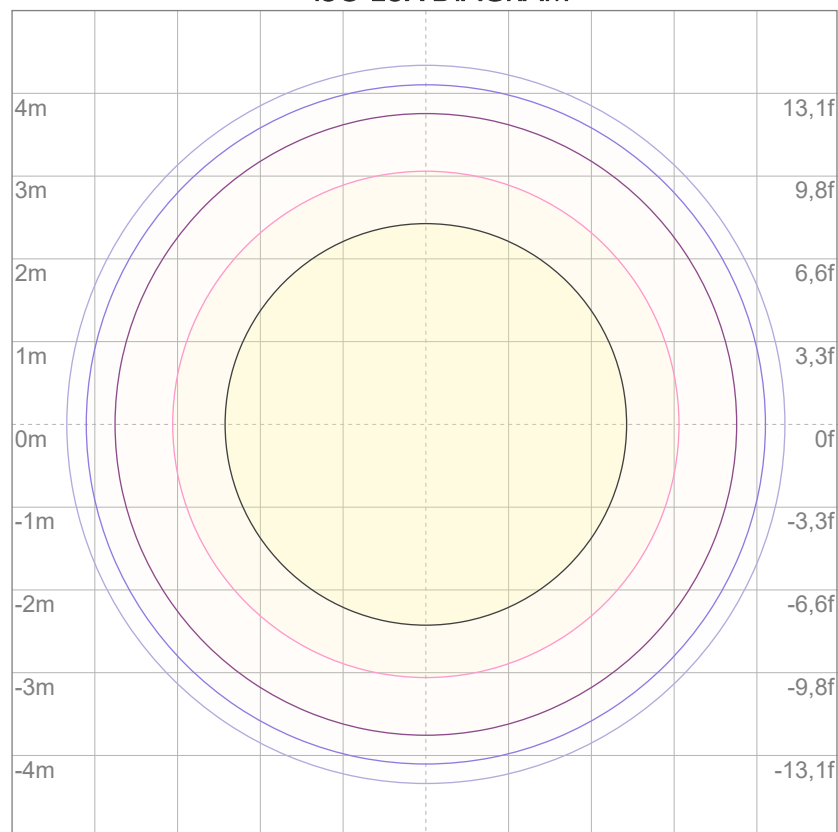
10%	325 cd
20%	650 cd
30%	976 cd
40%	1301 cd
50%	1626 cd
60%	1951 cd
70%	2277 cd
80%	2602 cd

Conditions:

Number of c-planes: 2

Candela at center: 3252 cd

ISO LUX DIAGRAM



3%	0,976 lx
5%	1,63 lx
10%	3,25 lx
30%	9,76 lx
50%	16,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 32,5 lx

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



Total lumen output:

500 lm

Peak candela output:

13344 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

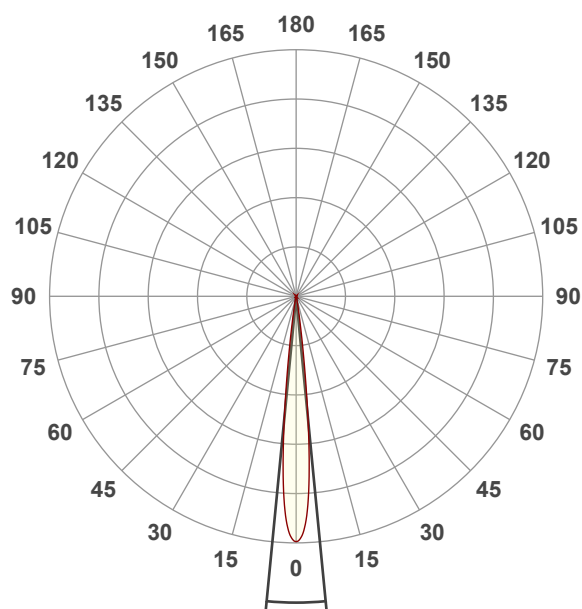
Green

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 10:51:01

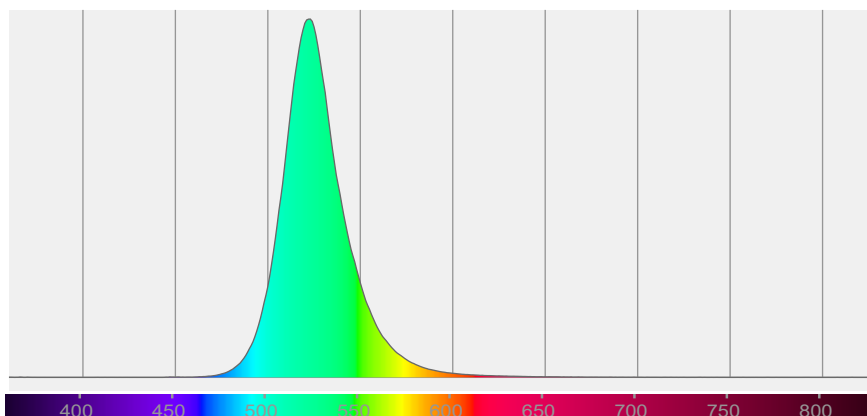


Beam angle 50%: 11,1°

Field angle 10%: 17,2°

Cut off angle 2.5%: 21,8°

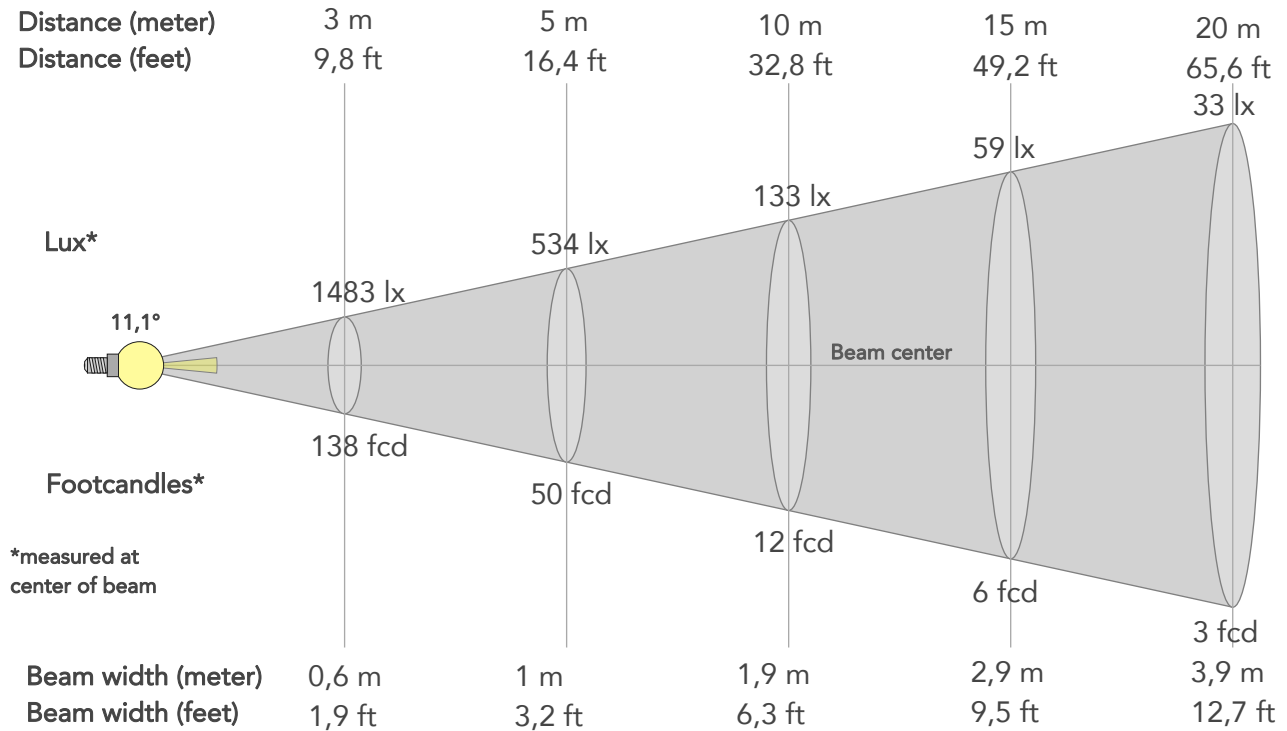
Spectra



BEAM DETAILS



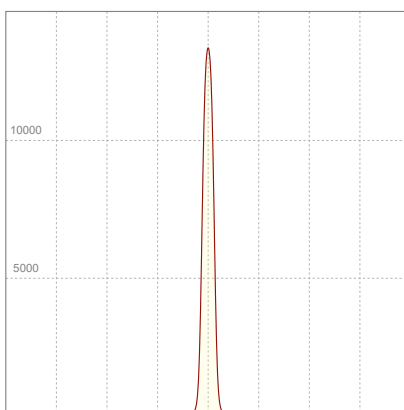
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,1°	17,2°	21,8°	100,0%	99,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	13344lx	3336lx	1483lx	834lx	534lx	237lx	133lx	59lx	33lx	21lx	15lx	8lx	5lx
Footcand.	1240fcd	310fcd	138fcd	77fcd	50fcd	22fcd	12fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	1,9m	2,9m	3,9m	4,8m	5,8m	7,7m	9,7m
Beam wid.	0,6ft	1,3ft	1,9ft	2,5ft	3,2ft	4,8ft	6,3ft	9,5ft	12,7ft	15,9ft	19ft	25,4ft	31,7ft

LINEAR DISTRIBUTION DIAGRAM

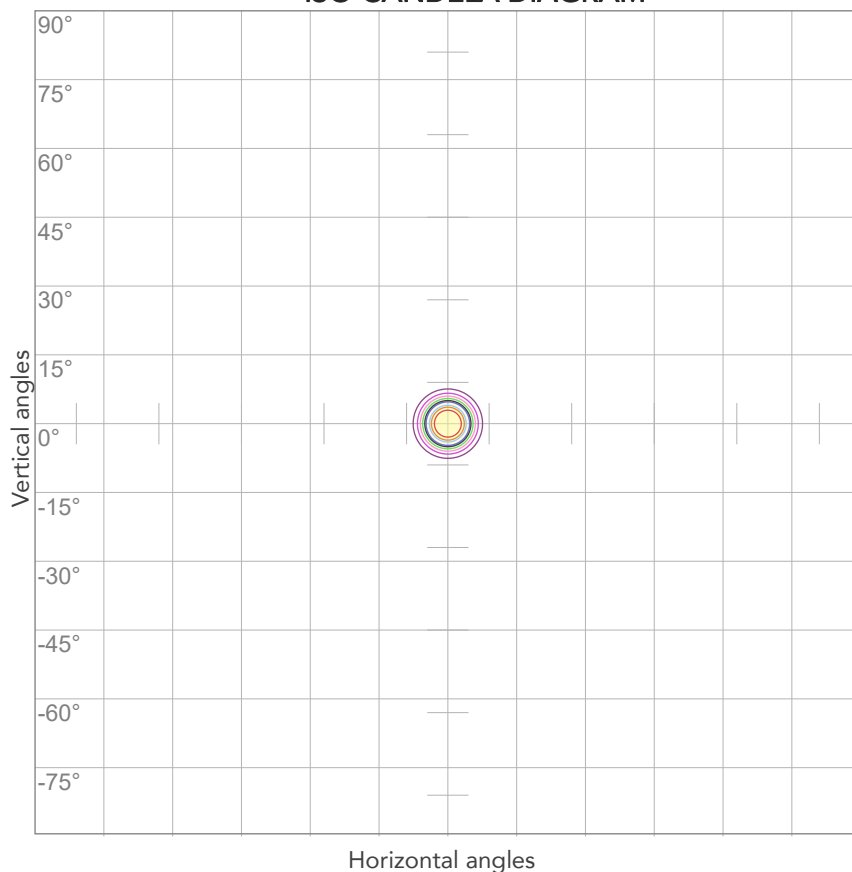


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,179A	25,3W	0,63	20lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



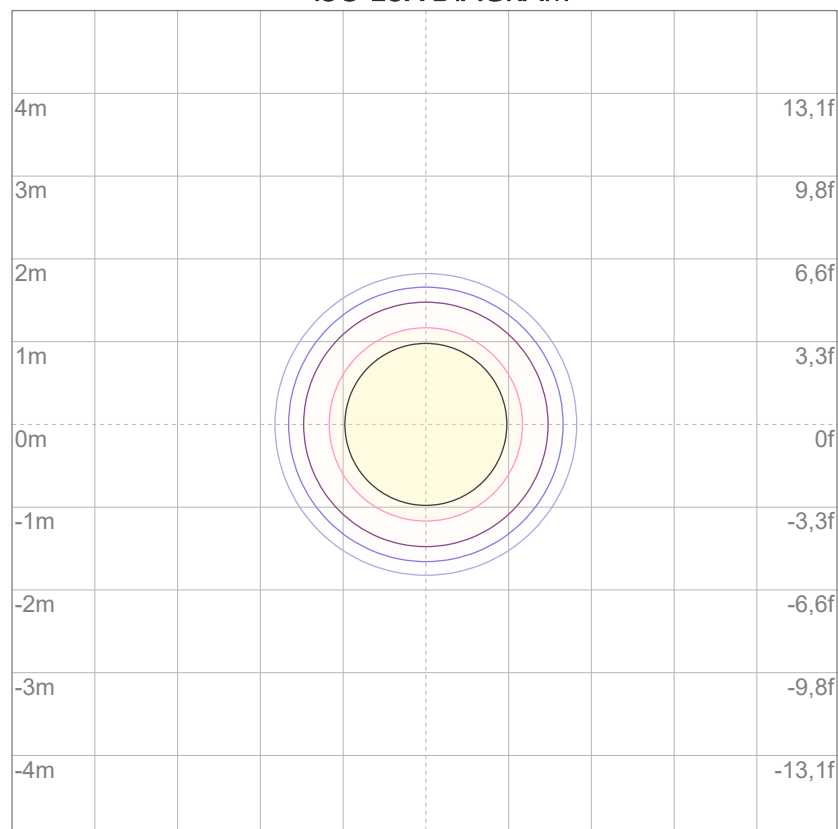
10%	1334 cd
20%	2669 cd
30%	4003 cd
40%	5338 cd
50%	6672 cd
60%	8007 cd
70%	9341 cd
80%	10675 cd

Conditions:

Number of c-planes: 2

Candela at center: 13344 cd

ISO LUX DIAGRAM



3%	4,00 lx
5%	6,67 lx
10%	13,3 lx
30%	40,0 lx
50%	66,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 133 lx

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



Total lumen output:

183 lm

Peak candela output:

276 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

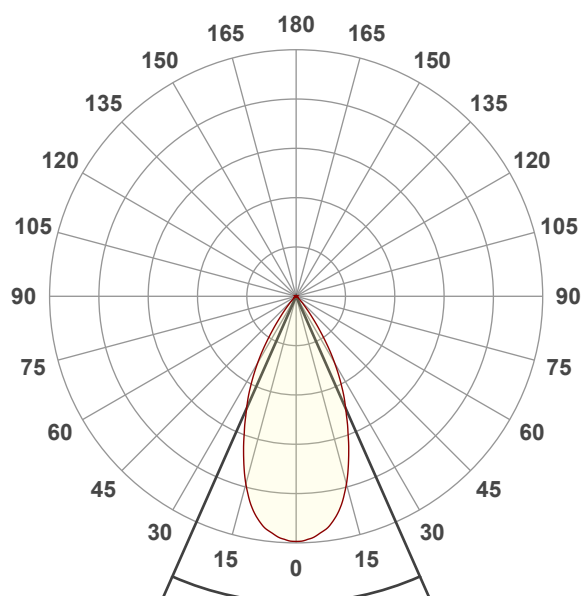
Blue

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:09:07

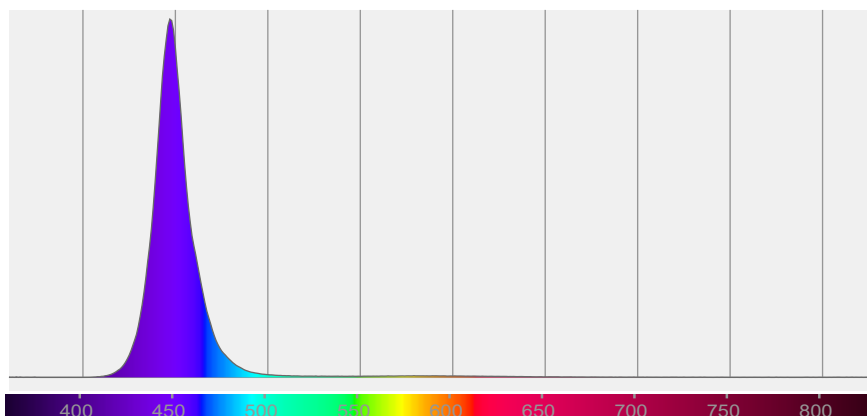


Beam angle 50%: 47,7°

Field angle 10%: 75,5°

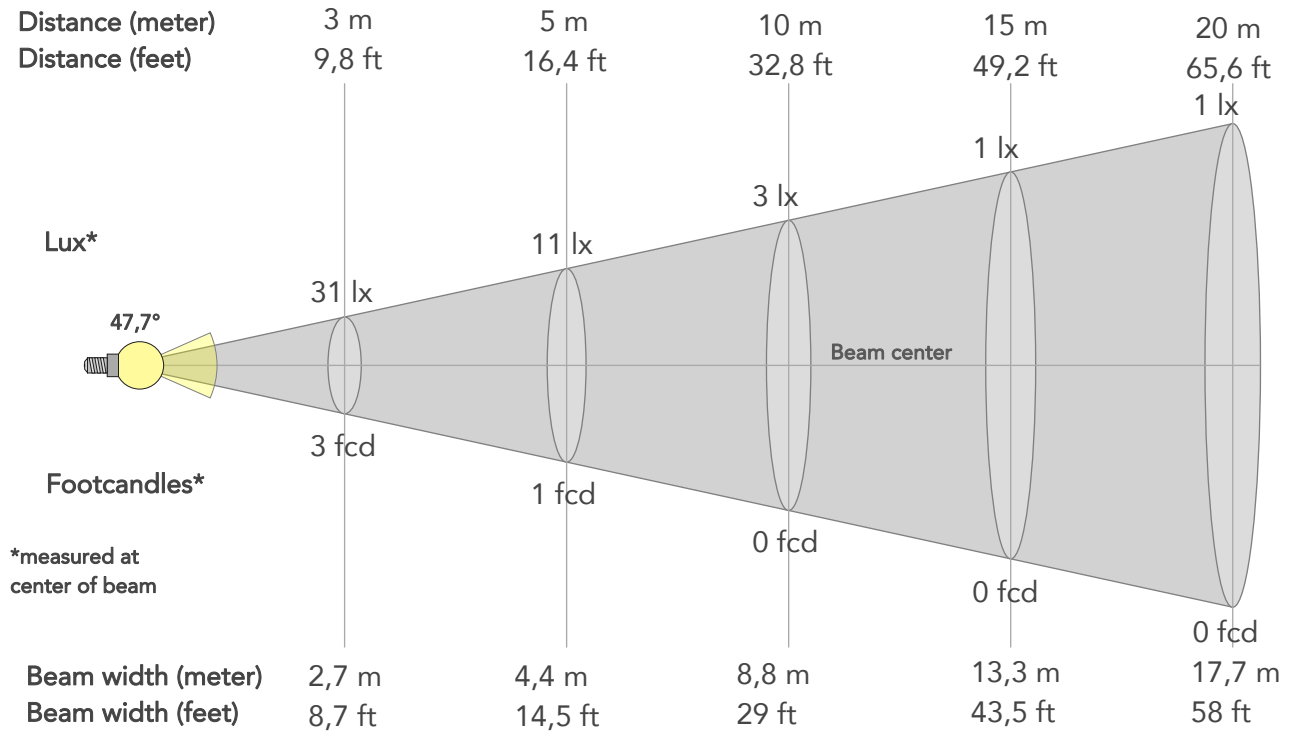
Cut off angle 2.5%: 90,7°

Spectra



BEAM DETAILS

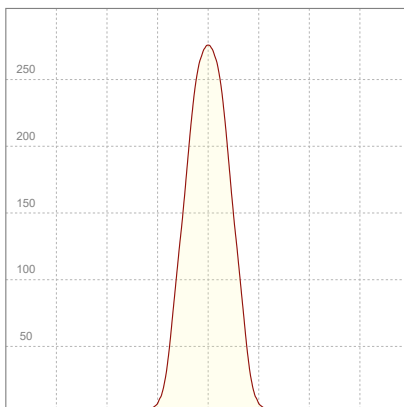
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,7°	75,5°	90,7°	99,0%	96,7%



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	276lx	69lx	31lx	17lx	11lx	5lx	3lx	1lx	1lx	0lx	0lx	0lx	0lx
Footcand.	26fcd	6fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,7m	3,5m	4,4m	6,6m	8,8m	13,3m	17,7m	22,1m	26,5m	35,3m	44,2m
Beam wid.	2,9ft	5,8ft	8,7ft	11,6ft	14,5ft	21,7ft	29ft	43,5ft	58ft	72,4ft	86,9ft	115,9ft	144,9ft

LINEAR DISTRIBUTION DIAGRAM

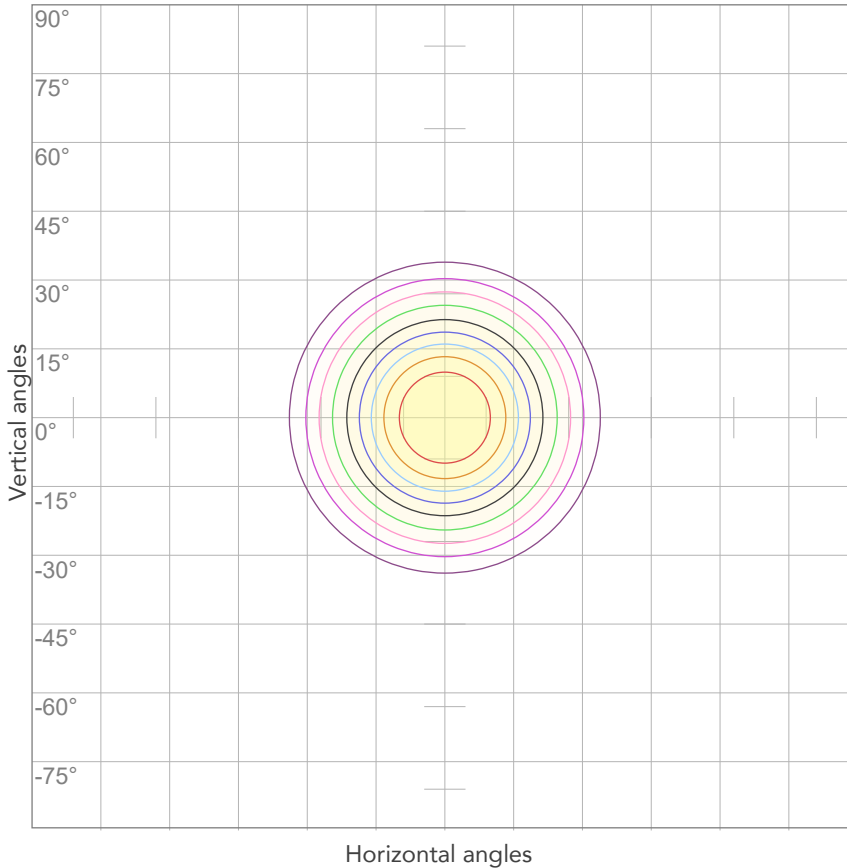


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,176A	25,6W	0,64	7lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



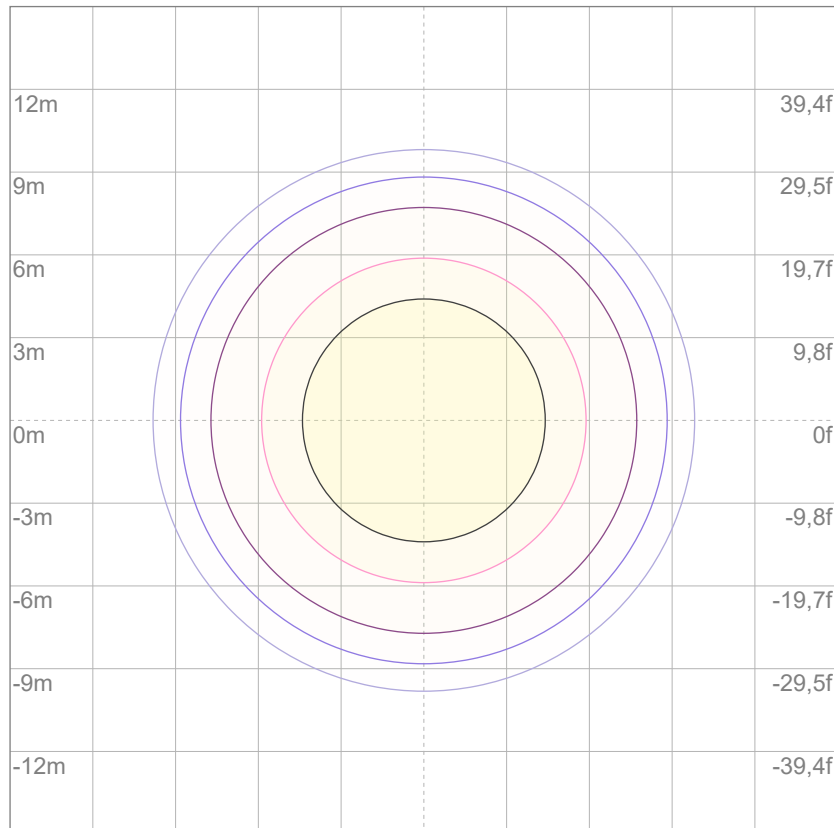
10%	28 cd
20%	55 cd
30%	83 cd
40%	110 cd
50%	138 cd
60%	165 cd
70%	193 cd
80%	221 cd

Conditions:

Number of c-planes: 2

Candela at center: 276 cd

ISO LUX DIAGRAM



3%	82,7m lx
5%	0,138 lx
10%	0,276 lx
30%	0,827 lx
50%	1,38 lx

Conditions:

Number of c-planes: 2

Lux at center: 2,76 lx

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



Total lumen output:

162 lm

Peak candela output:

787 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

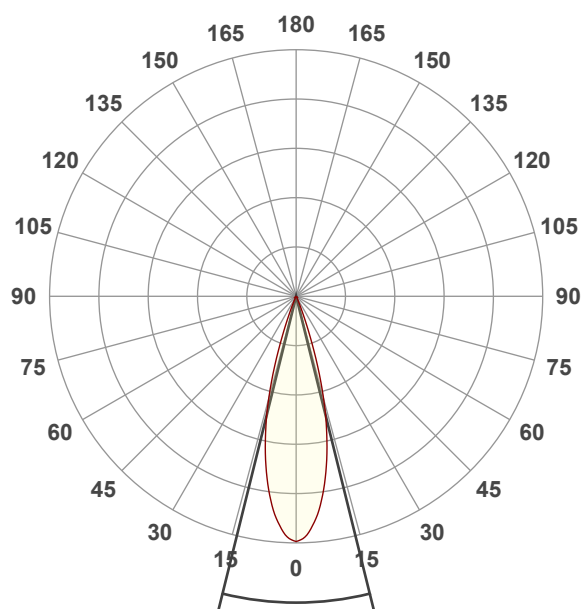
Blue

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 14:27:15

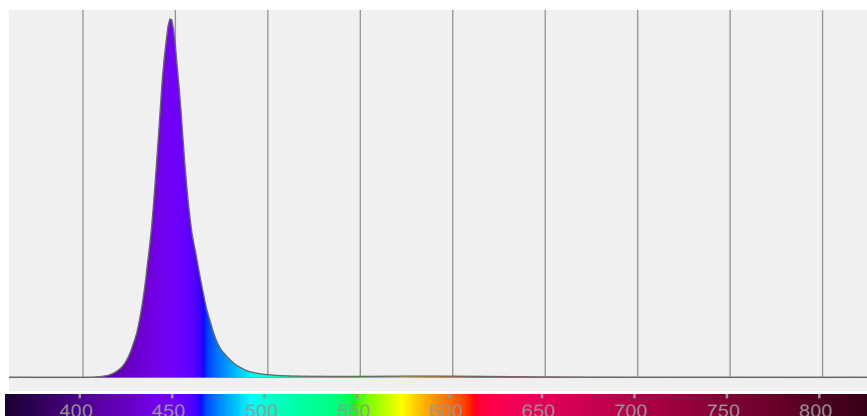


Beam angle 50%: 27,8°

Field angle 10%: 41,4°

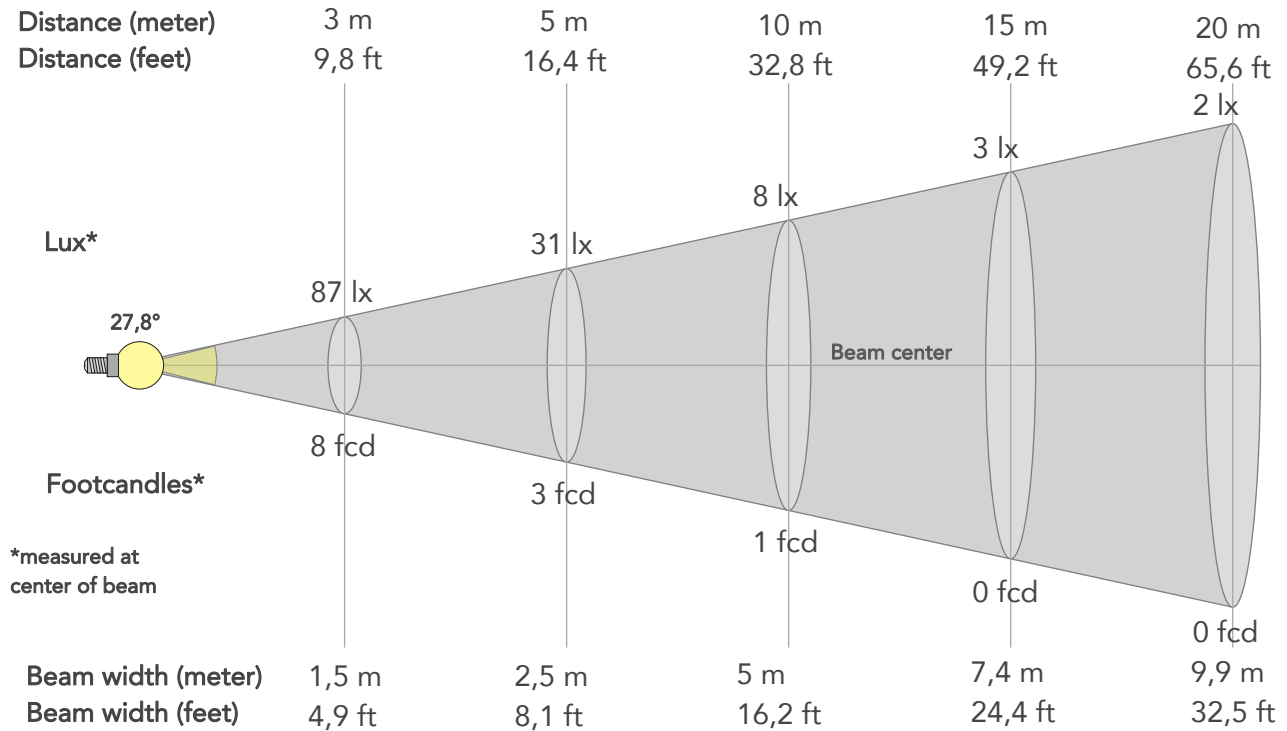
Cut off angle 2.5%: 47,9°

Spectra



BEAM DETAILS

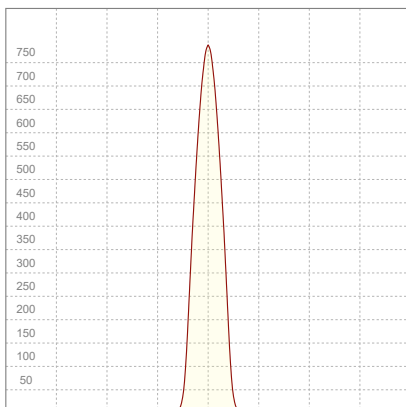
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,8°	41,4°	47,9°	100,0%	100,0%



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	787lx	197lx	87lx	49lx	31lx	14lx	8lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	73fcd	18fcd	8fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,5m	1m	1,5m	2m	2,5m	3,7m	5m	7,4m	9,9m	12,4m	14,9m	19,8m	24,8m
Beam wid.	1,6ft	3,3ft	4,9ft	6,5ft	8,1ft	12,2ft	16,2ft	24,4ft	32,5ft	40,6ft	48,7ft	65ft	81,2ft

LINEAR DISTRIBUTION DIAGRAM

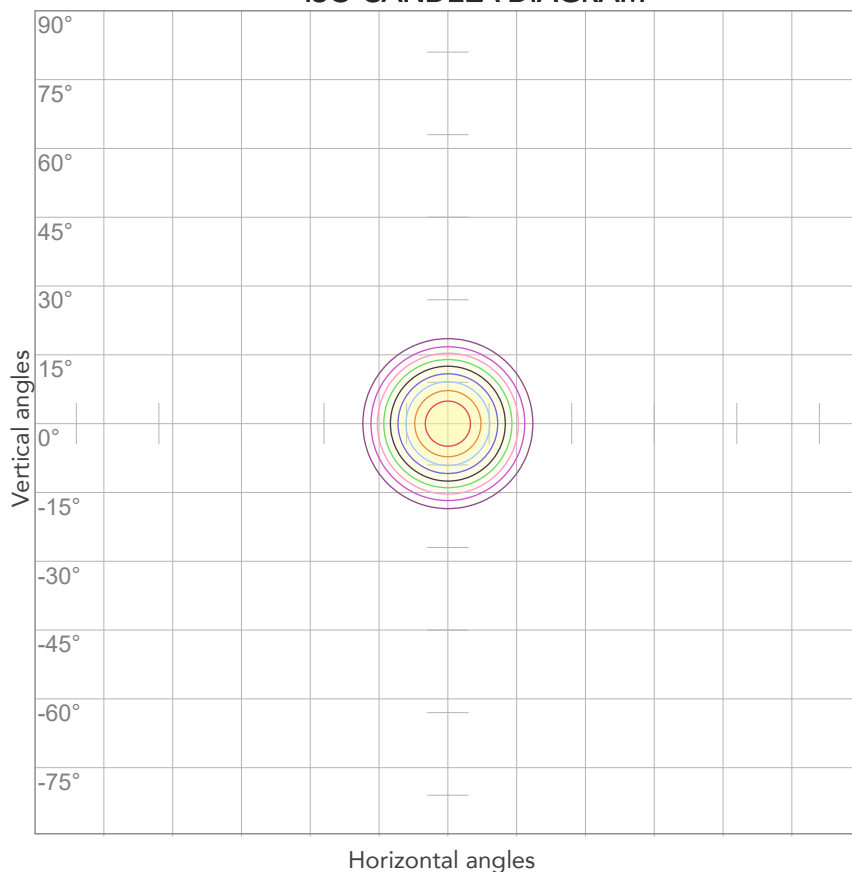


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,176A	25,5W	0,64	6lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



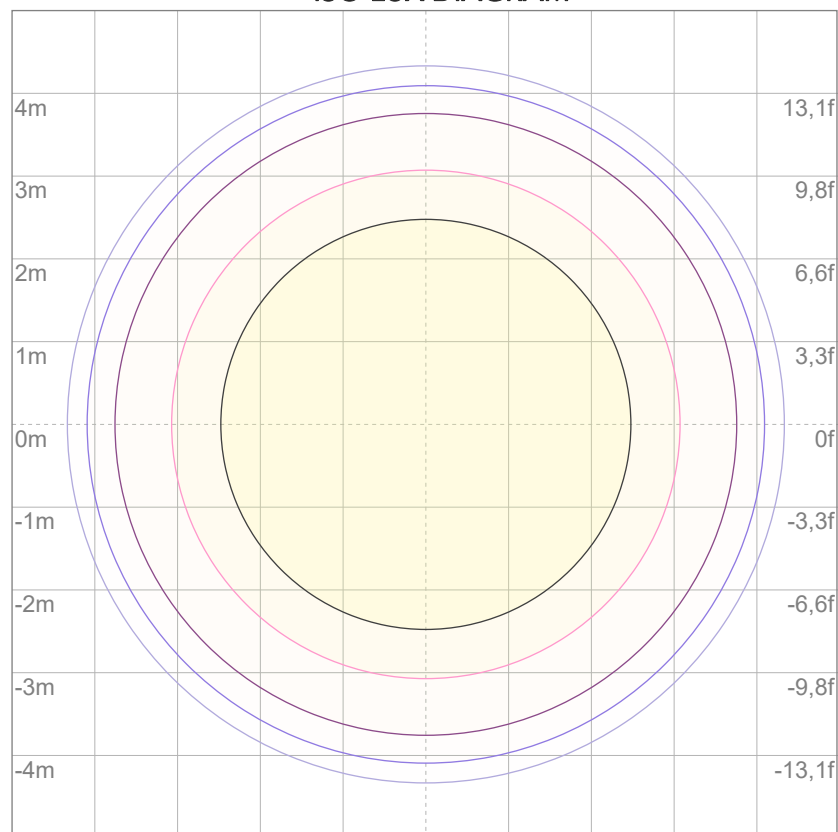
10%	79 cd
20%	157 cd
30%	236 cd
40%	315 cd
50%	394 cd
60%	472 cd
70%	551 cd
80%	630 cd

Conditions:

Number of c-planes: 2

Candela at center: 787 cd

ISO LUX DIAGRAM



3%	0,236 lx
5%	0,394 lx
10%	0,787 lx
30%	2,36 lx
50%	3,94 lx

Conditions:

Number of c-planes: 2

Lux at center: 7,87 lx

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



Total lumen output:

115 lm

Peak candela output:

3226 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

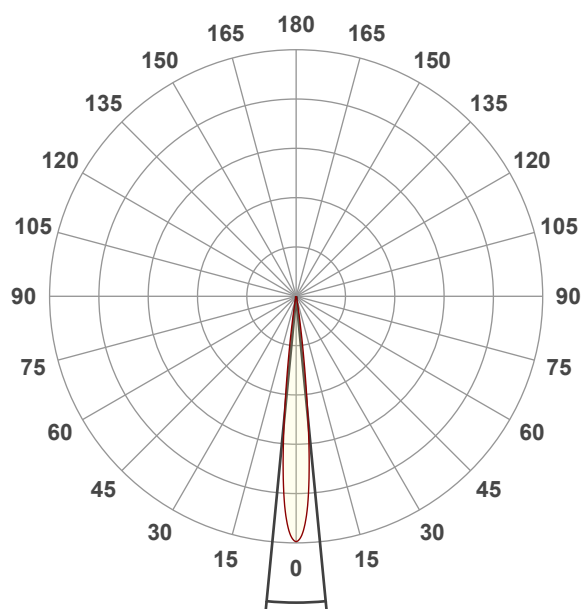
Blue

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 10:55:27

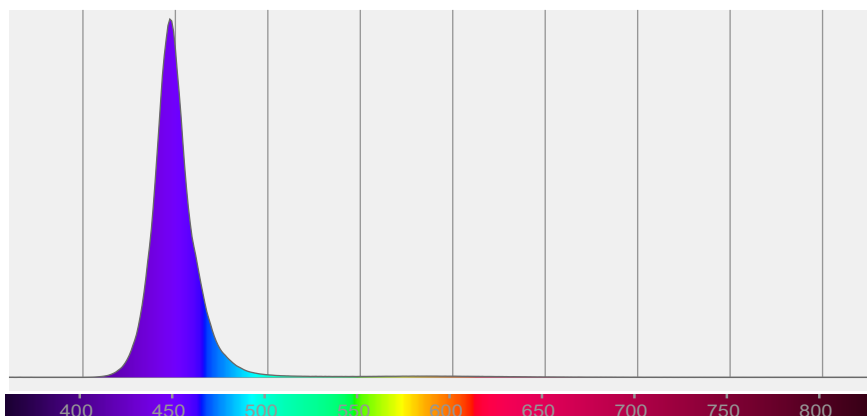


Beam angle 50%: 11,1°

Field angle 10%: 17,2°

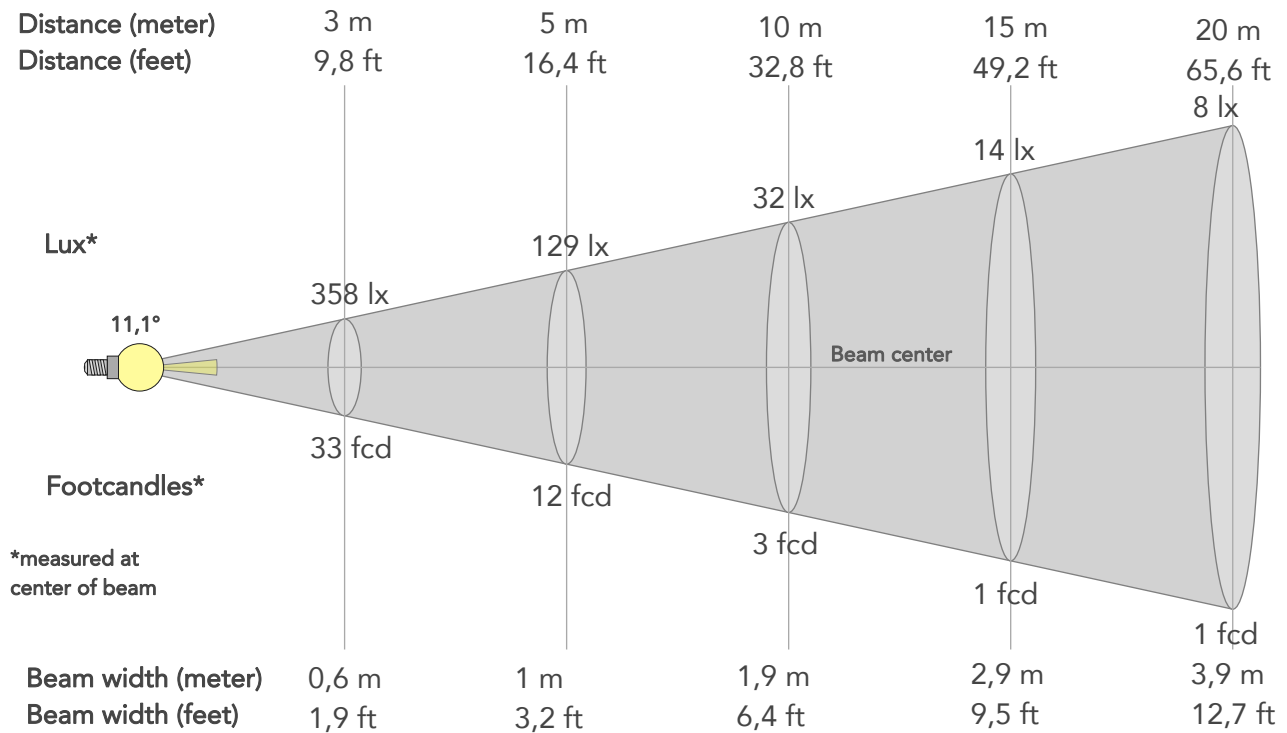
Cut off angle 2.5%: 21,5°

Spectra



BEAM DETAILS

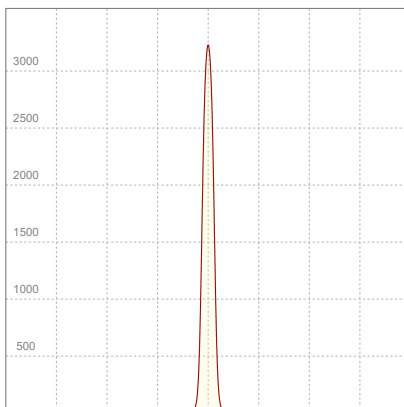
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,1°	17,2°	21,5°	100,0%	100,0%



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	3226lx	807lx	358lx	202lx	129lx	57lx	32lx	14lx	8lx	5lx	4lx	2lx	1lx
Footcand.	300fcd	75fcd	33fcd	19fcd	12fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	1,9m	2,9m	3,9m	4,8m	5,8m	7,8m	9,7m
Beam wid.	0,6ft	1,3ft	1,9ft	2,5ft	3,2ft	4,8ft	6,4ft	9,5ft	12,7ft	15,9ft	19,1ft	25,4ft	31,8ft

LINEAR DISTRIBUTION DIAGRAM

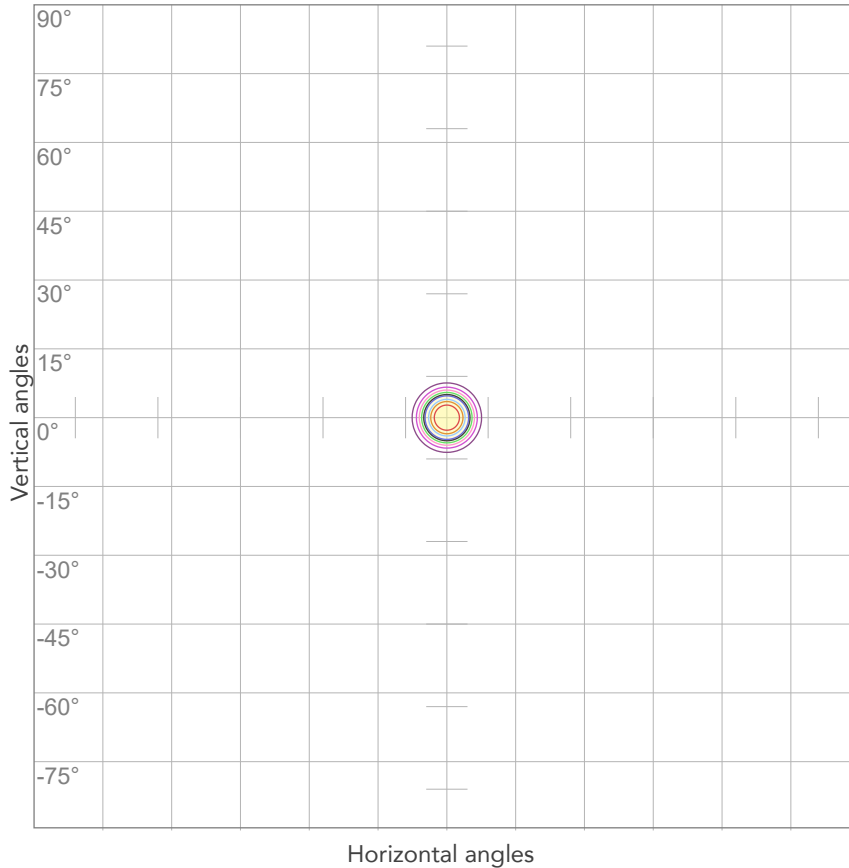


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,184A	25,8W	0,62	4lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



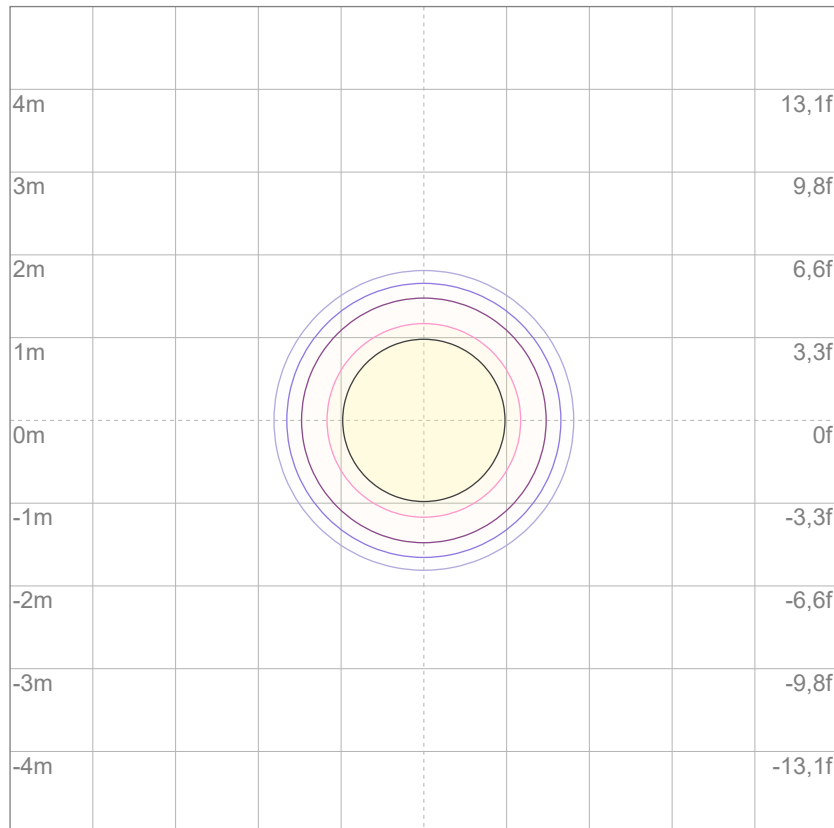
10%	323 cd
20%	645 cd
30%	968 cd
40%	1291 cd
50%	1613 cd
60%	1936 cd
70%	2258 cd
80%	2581 cd

Conditions:

Number of c-planes: 2

Candela at center: 3226 cd

ISO LUX DIAGRAM



3%	0,968 lx
5%	1,61 lx
10%	3,23 lx
30%	9,68 lx
50%	16,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 32,3 lx

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



Total lumen output:

448 lm

Peak candela output:

658 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

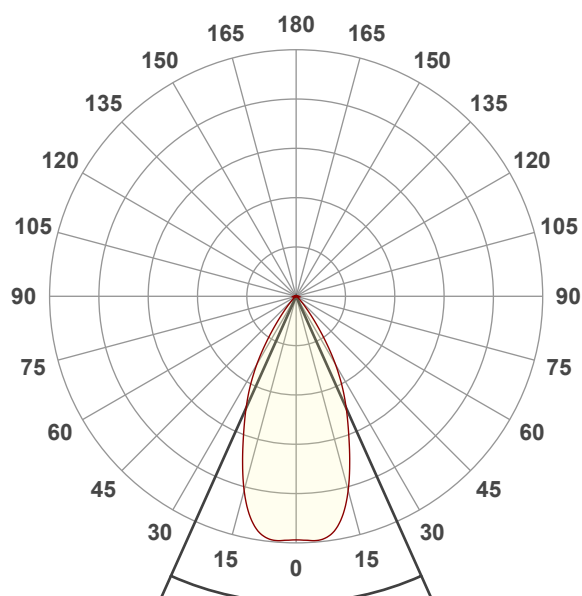
Cyan

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:17:15

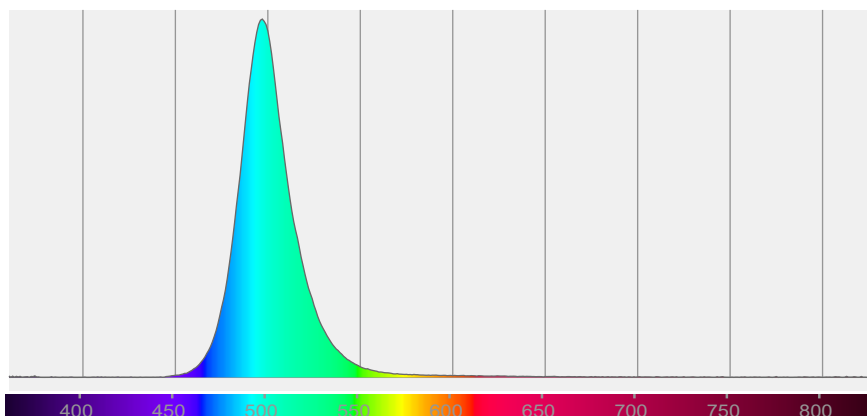


Beam angle 50%: 48,2°

Field angle 10%: 75,8°

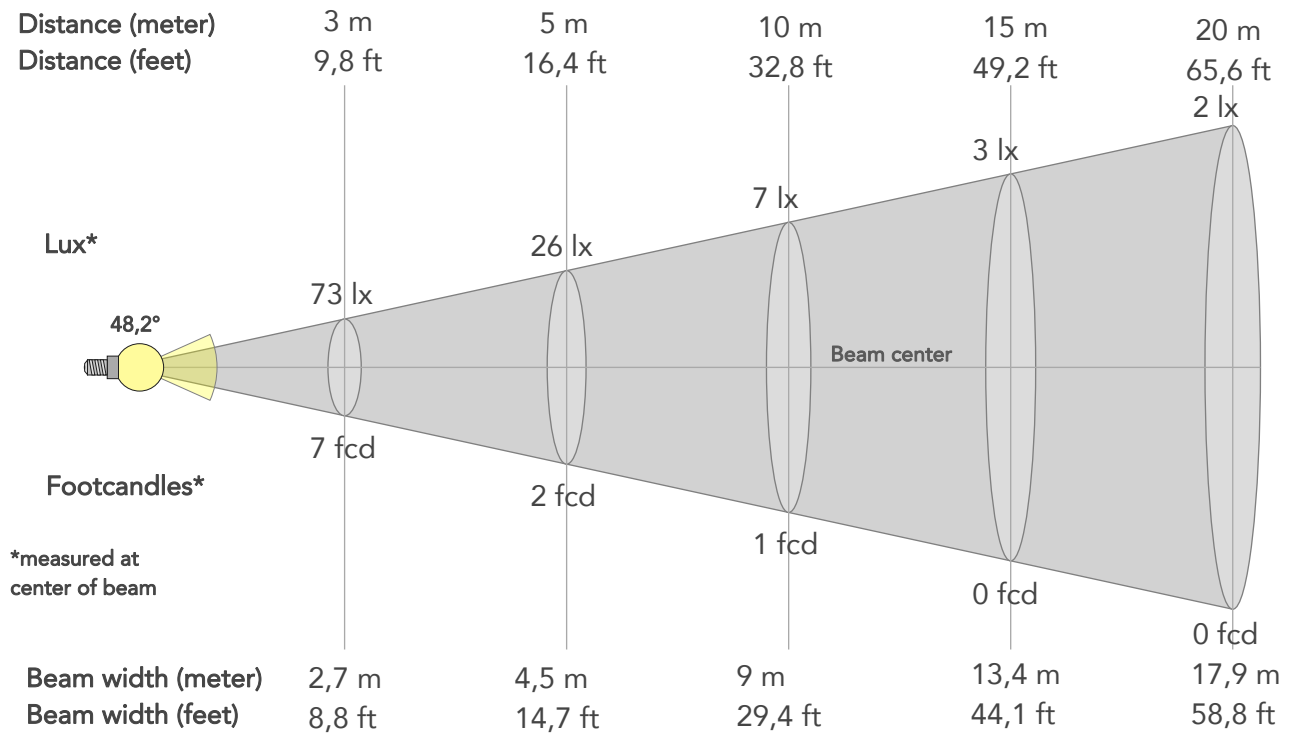
Cut off angle 2.5%: 91,3°

Spectra



BEAM DETAILS

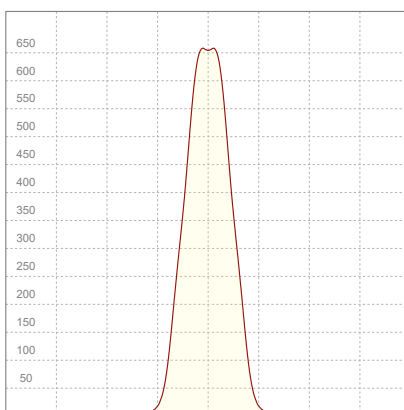
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
48,2°	75,8°	91,3°	98,8%	96,6%



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	654lx	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.	0,9m	1,8m	2,7m	3,6m	4,5m	6,7m	9m	13,4m	17,9m	22,4m	26,9m	35,8m	44,8m
Beam wid.	3ft	5,9ft	8,8ft	11,7ft	14,7ft	22ft	29,4ft	44,1ft	58,8ft	73,4ft	88,1ft	117,5ft	146,9ft

LINEAR DISTRIBUTION DIAGRAM

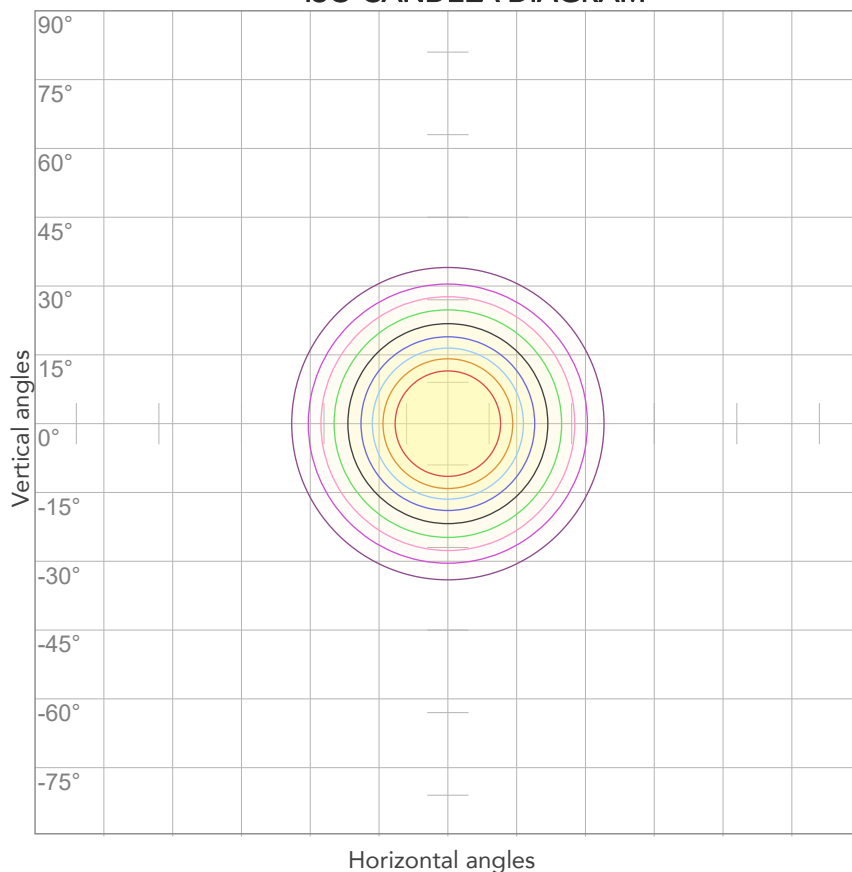


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,175A	24,9W	0,63	18lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



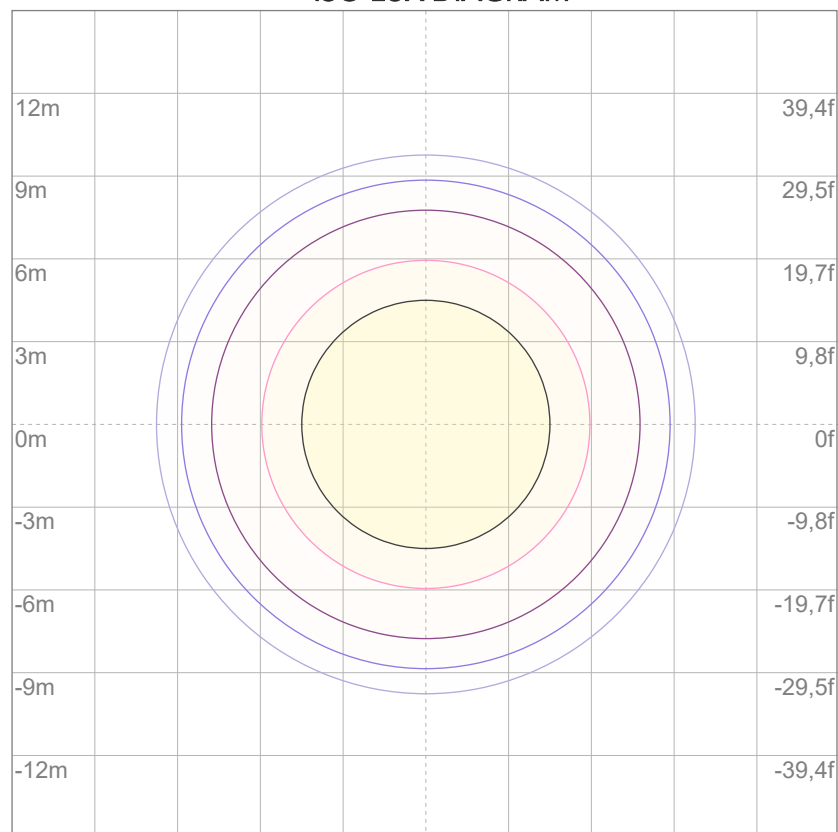
10%	65 cd
20%	131 cd
30%	196 cd
40%	262 cd
50%	327 cd
60%	393 cd
70%	458 cd
80%	524 cd

Conditions:

Number of c-planes: 2

Candela at center: 654 cd

ISO LUX DIAGRAM



3%	0,196 lx
5%	0,327 lx
10%	0,654 lx
30%	1,96 lx
50%	3,27 lx

Conditions:

Number of c-planes: 2

Lux at center: 6,54 lx

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



Total lumen output:

415 lm

Peak candela output:

1898 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

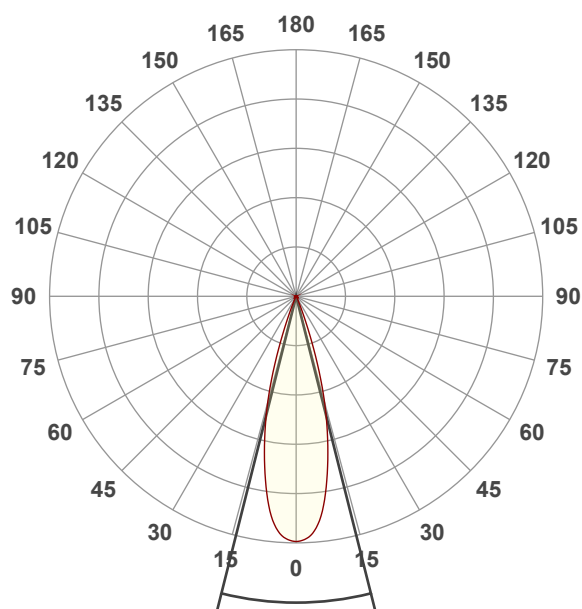
Cyan

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 14:37:39

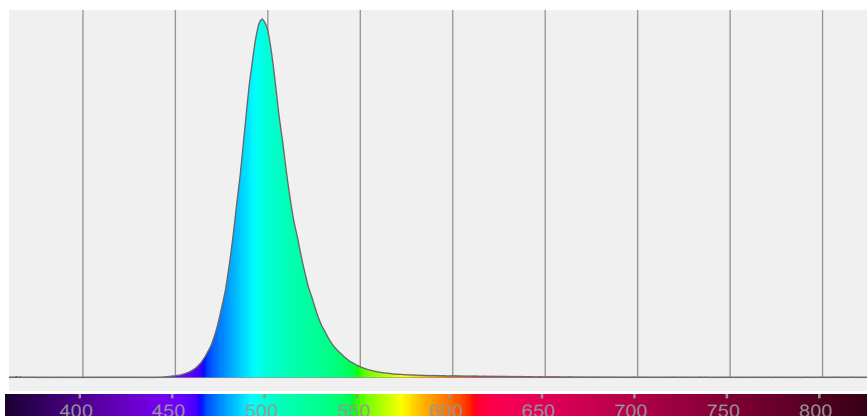


Beam angle 50%: 28,2°

Field angle 10%: 41,8°

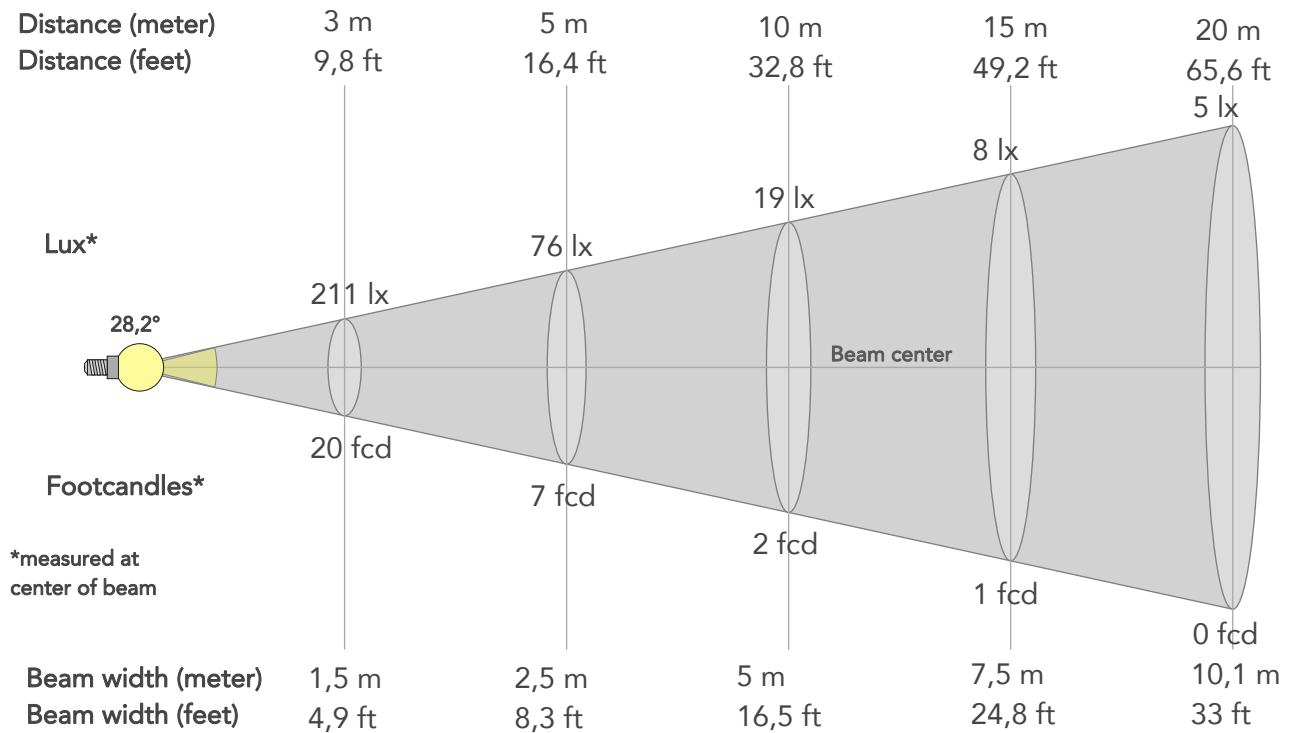
Cut off angle 2.5%: 48,6°

Spectra



BEAM DETAILS

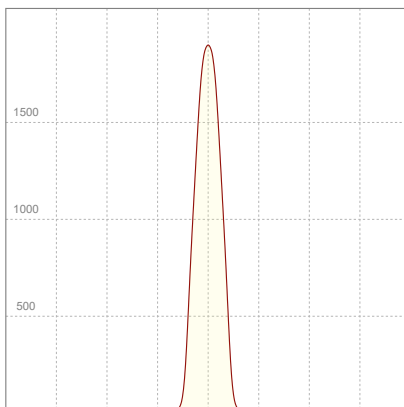
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
28,2°	41,8°	48,6°	99,7%	99,1%



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	1898lx	475lx	211lx	119lx	76lx	34lx	19lx	8lx	5lx	3lx	2lx	1lx	1lx
Footcand.	176fcd	44fcd	20fcd	11fcd	7fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,5m	1m	1,5m	2m	2,5m	3,8m	5m	7,5m	10,1m	12,6m	15,1m	20,1m	25,2m
Beam wid.	1,7ft	3,3ft	4,9ft	6,6ft	8,3ft	12,4ft	16,5ft	24,8ft	33ft	41,3ft	49,5ft	66ft	82,5ft

LINEAR DISTRIBUTION DIAGRAM

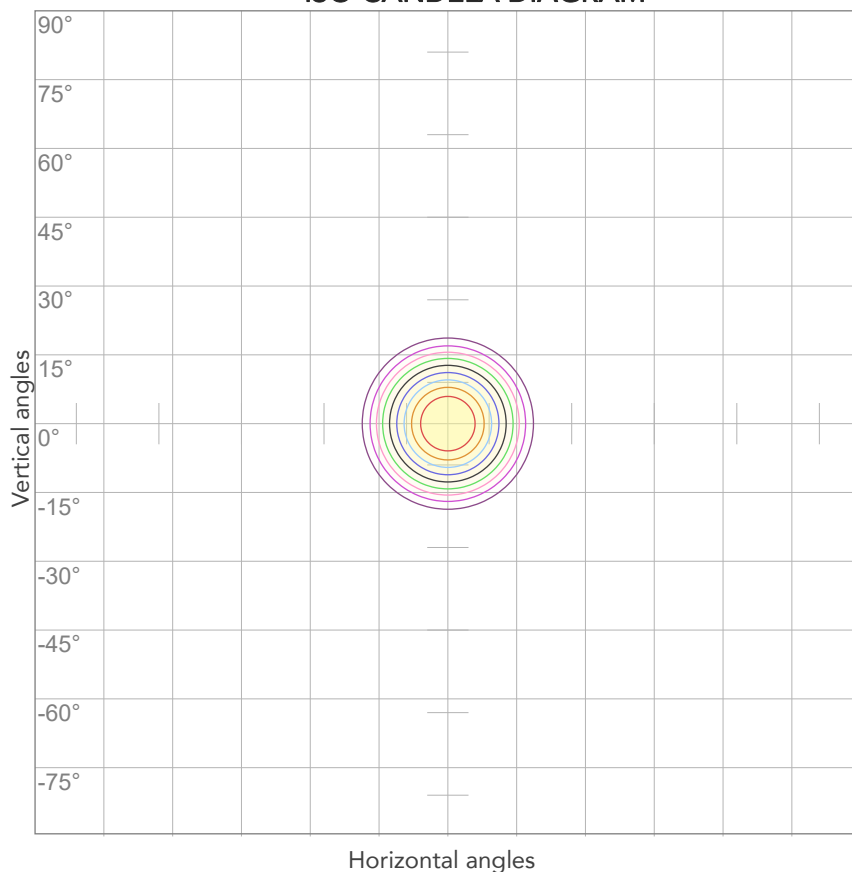


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,174A	24,8W	0,63	17lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



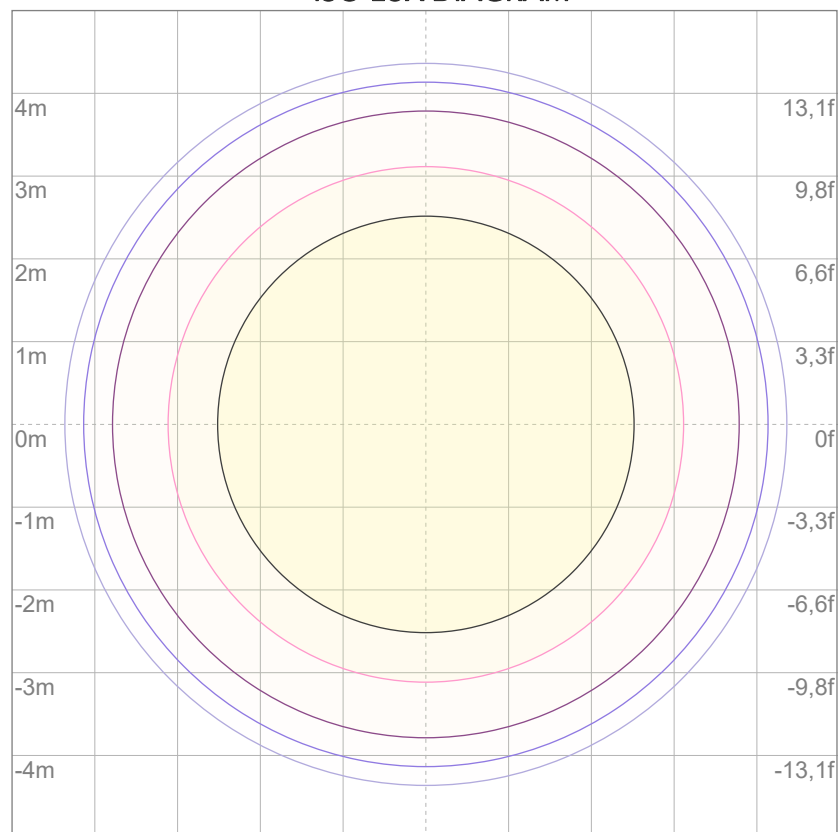
10%	190 cd
20%	380 cd
30%	570 cd
40%	759 cd
50%	949 cd
60%	1139 cd
70%	1329 cd
80%	1519 cd

Conditions:

Number of c-planes: 2

Candela at center: 1898 cd

ISO LUX DIAGRAM



3%	0,570 lx
5%	0,949 lx
10%	1,90 lx
30%	5,70 lx
50%	9,49 lx

Conditions:

Number of c-planes: 2

Lux at center: 19,0 lx

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



Total lumen output:

302 lm

Peak candela output:

7864 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

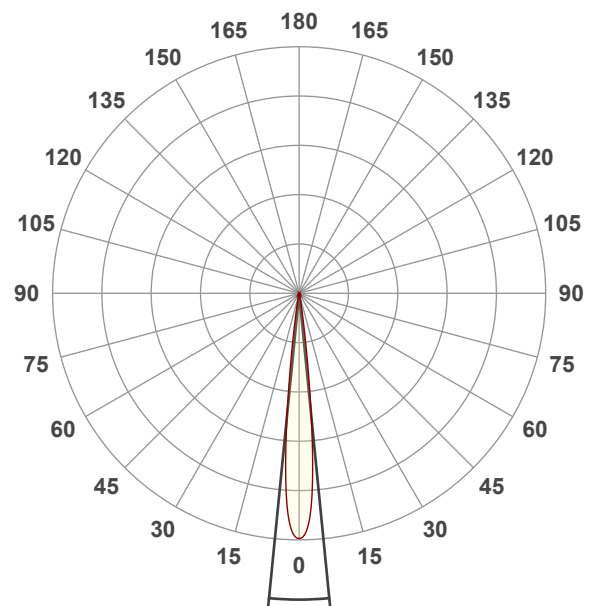
Cyan

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 11:09:00

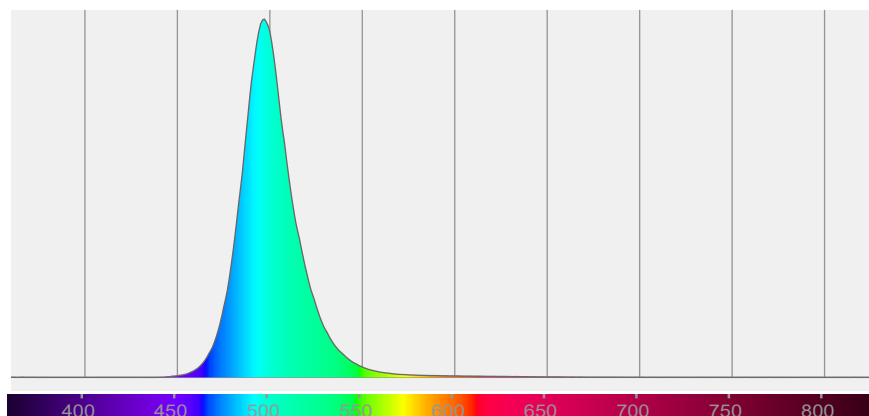


Beam angle 50%: 11,3°

Field angle 10%: 17,4°

Cut off angle 2.5%: 22°

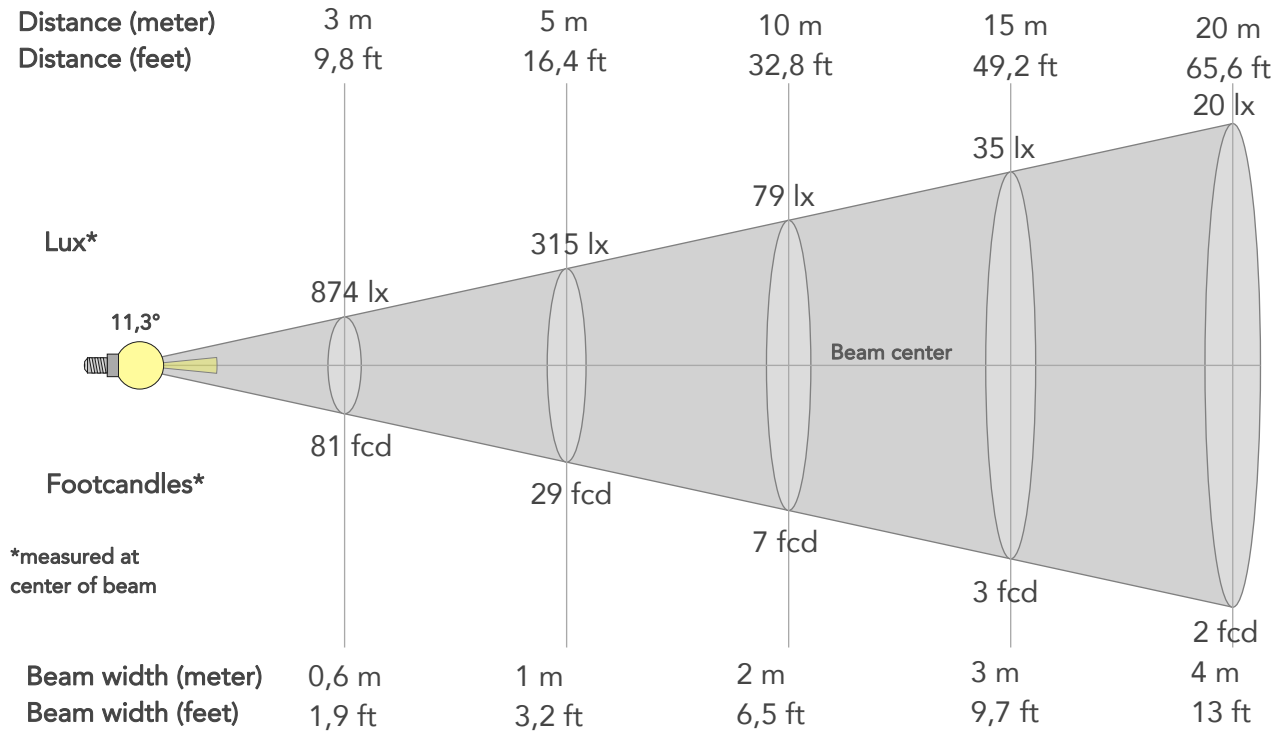
Spectra



BEAM DETAILS



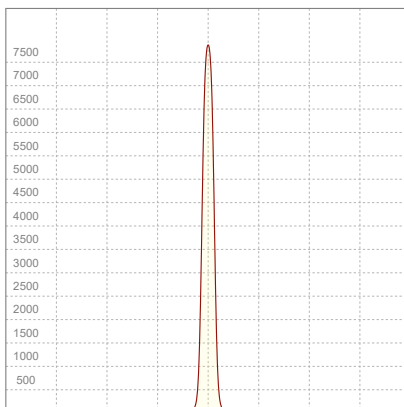
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,3°	17,4°	22°	100,0%	100,0%



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	7864lx	1966lx	874lx	491lx	315lx	140lx	79lx	35lx	20lx	13lx	9lx	5lx	3lx
Footcand.	731fcd	183fcd	81fcd	46fcd	29fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	3m	4m	4,9m	5,9m	7,9m	9,9m
Beam wid.	0,7ft	1,3ft	1,9ft	2,6ft	3,2ft	4,9ft	6,5ft	9,7ft	13ft	16,2ft	19,5ft	25,9ft	32,4ft

LINEAR DISTRIBUTION DIAGRAM

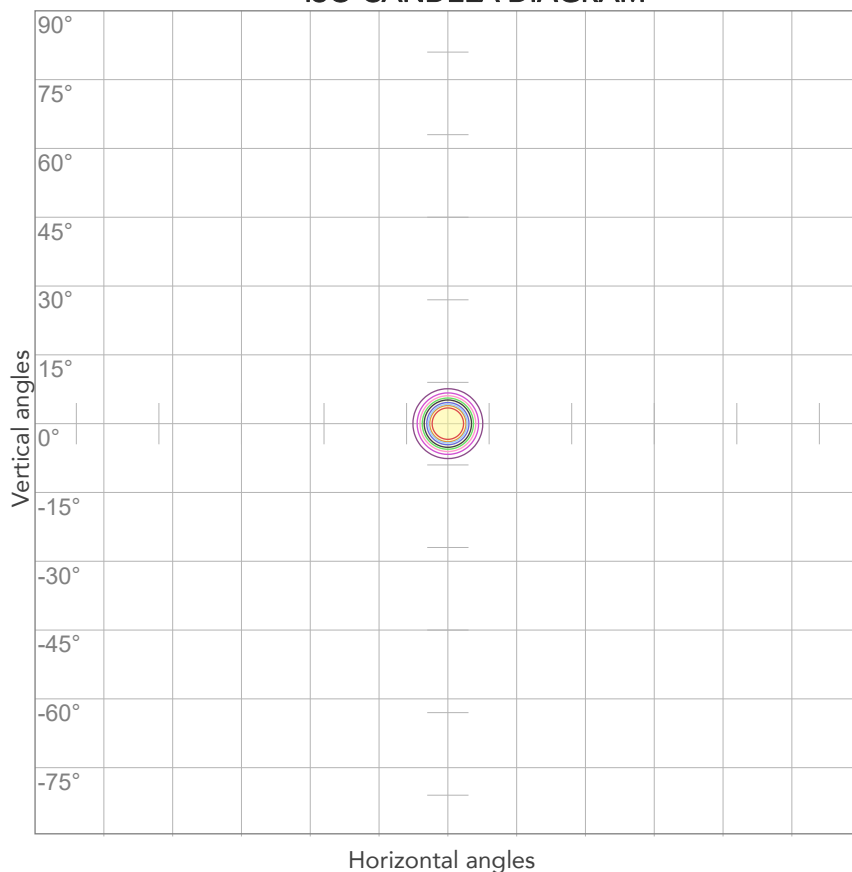


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,179A	25,1W	0,62	12lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



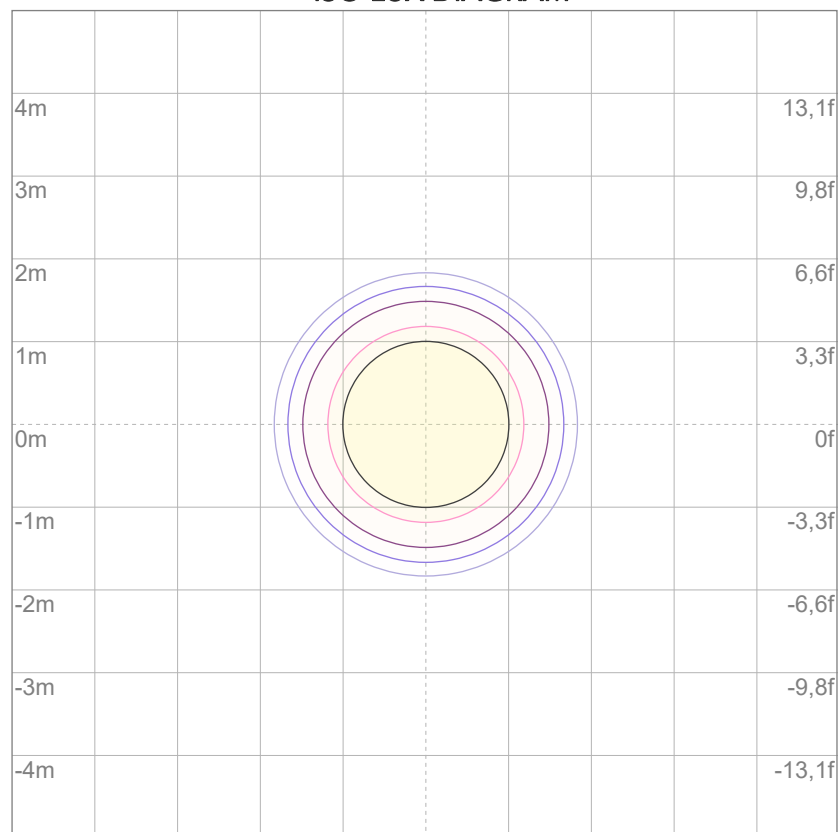
10%	786 cd
20%	1573 cd
30%	2359 cd
40%	3145 cd
50%	3932 cd
60%	4718 cd
70%	5505 cd
80%	6291 cd

Conditions:

Number of c-planes: 2

Candela at center: 7864 cd

ISO LUX DIAGRAM



3%	2,36 lx
5%	3,93 lx
10%	7,86 lx
30%	23,6 lx
50%	39,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 78,6 lx

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



Total lumen output:

2831 lm

Peak candela output:

4347 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

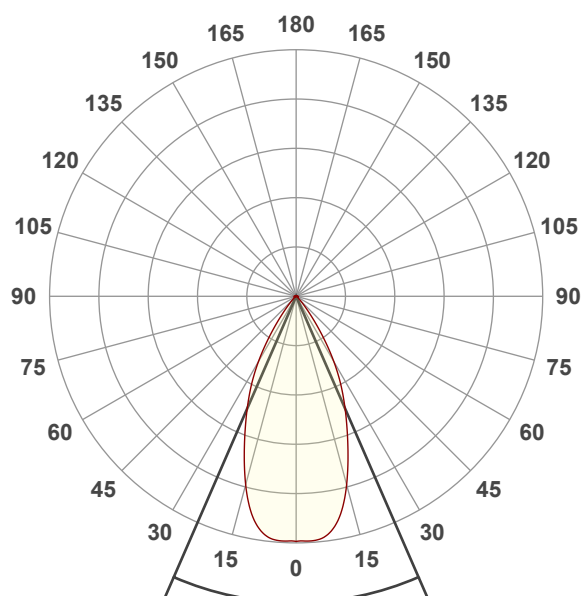
Lime

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:14:50

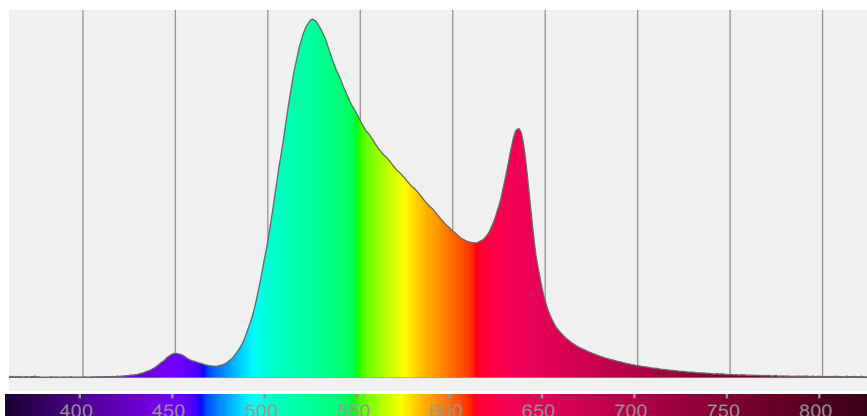


Beam angle 50%: 47,1°

Field angle 10%: 75,1°

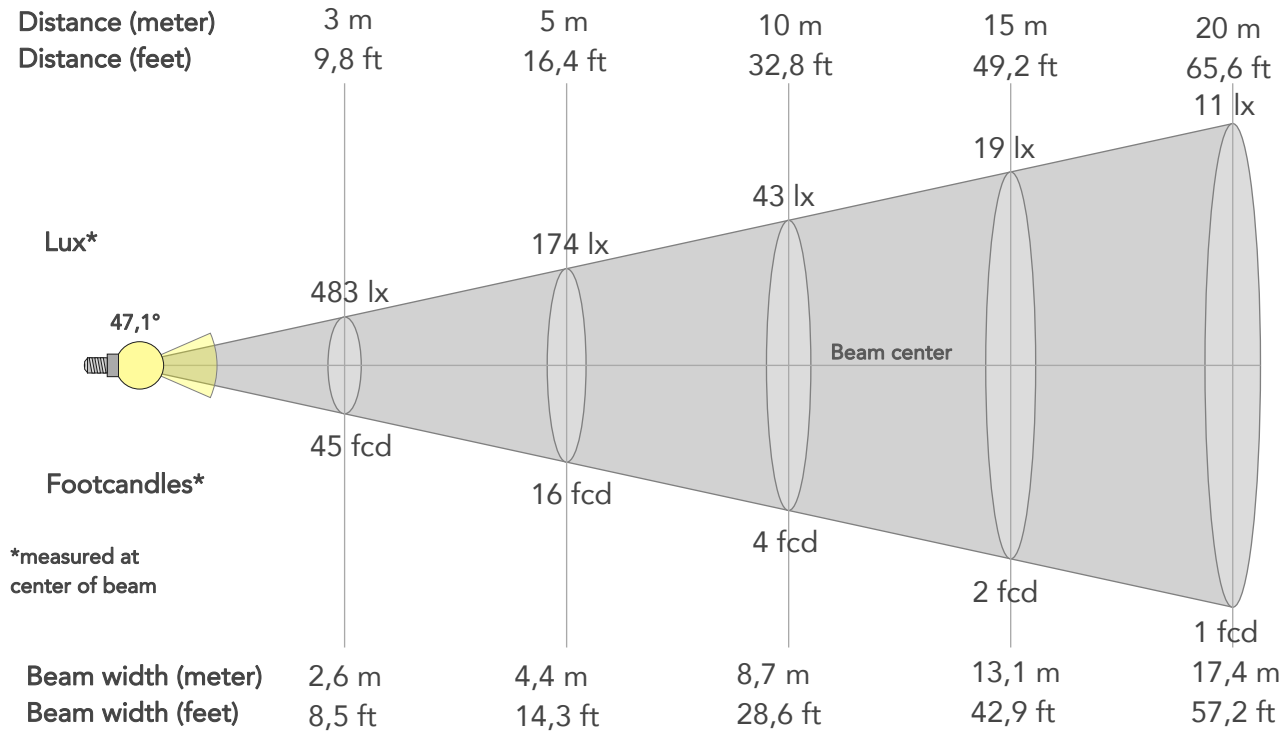
Cut off angle 2.5%: 89,7°

Spectra



BEAM DETAILS

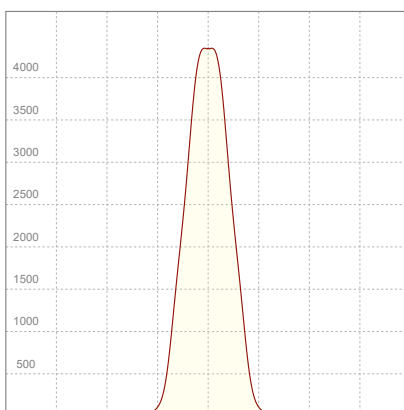
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,1°	75,1°	89,7°	99,6%	97,7%



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	4347lx	1087lx	483lx	272lx	174lx	77lx	43lx	19lx	11lx	7lx	5lx	3lx	2lx
Footcand.	404fcd	101fcd	45fcd	25fcd	16fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,4m	6,5m	8,7m	13,1m	17,4m	21,8m	26,1m	34,9m	43,6m
Beam wid.	2,9ft	5,8ft	8,5ft	11,4ft	14,3ft	21,4ft	28,6ft	42,9ft	57,2ft	71,5ft	85,8ft	114,4ft	142,9ft

LINEAR DISTRIBUTION DIAGRAM

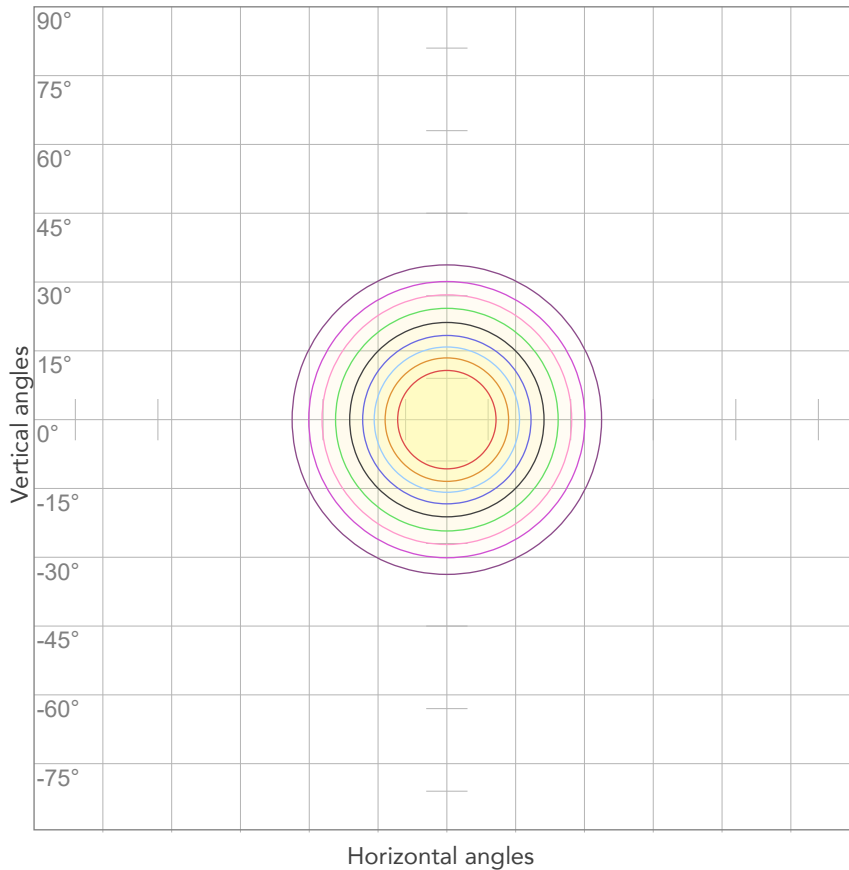


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,320A	68,9W	0,95	41lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



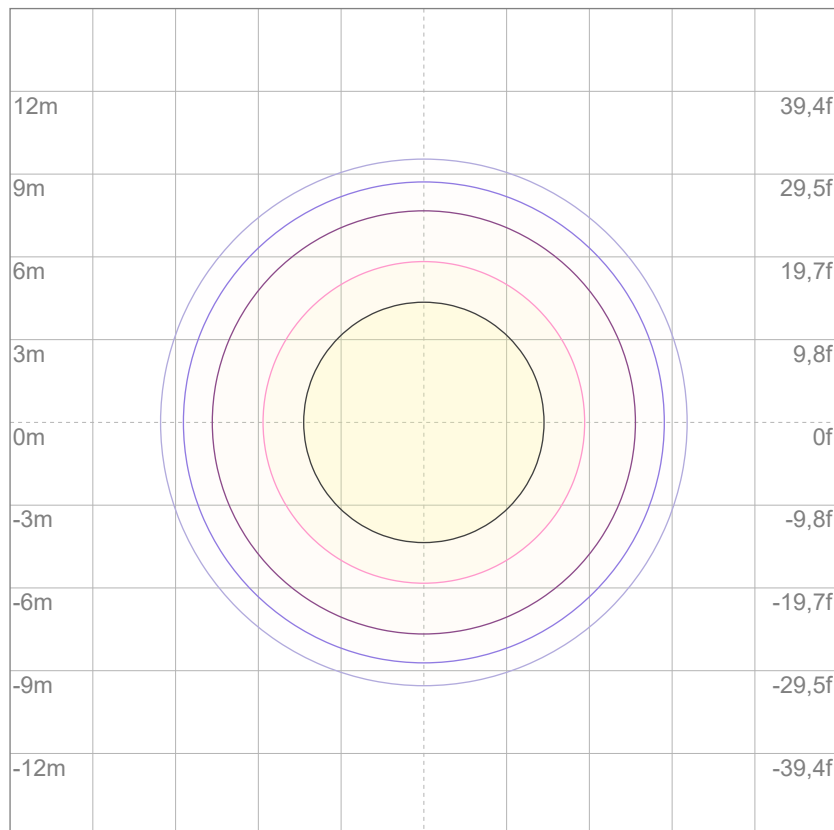
10%	435 cd
20%	869 cd
30%	1304 cd
40%	1739 cd
50%	2174 cd
60%	2608 cd
70%	3043 cd
80%	3478 cd

Conditions:

Number of c-planes: 2

Candela at center: 4347 cd

ISO LUX DIAGRAM



3%	1,30 lx
5%	2,17 lx
10%	4,35 lx
30%	13,0 lx
50%	21,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 43,5 lx

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



Total lumen output:

2668 lm

Peak candela output:

12671 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

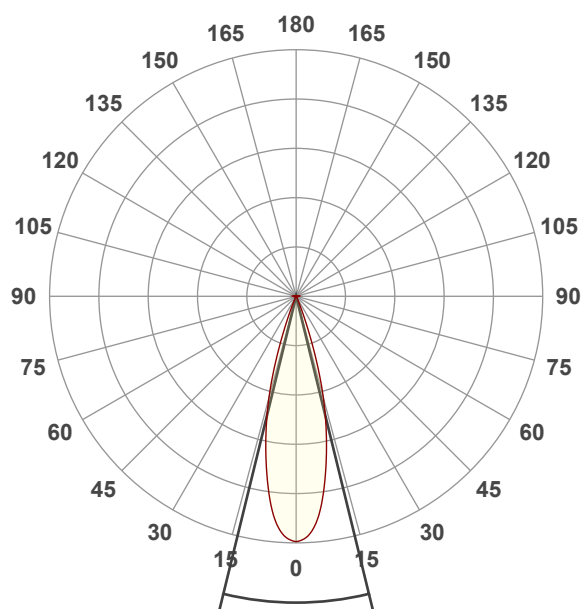
Lime

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 14:34:55

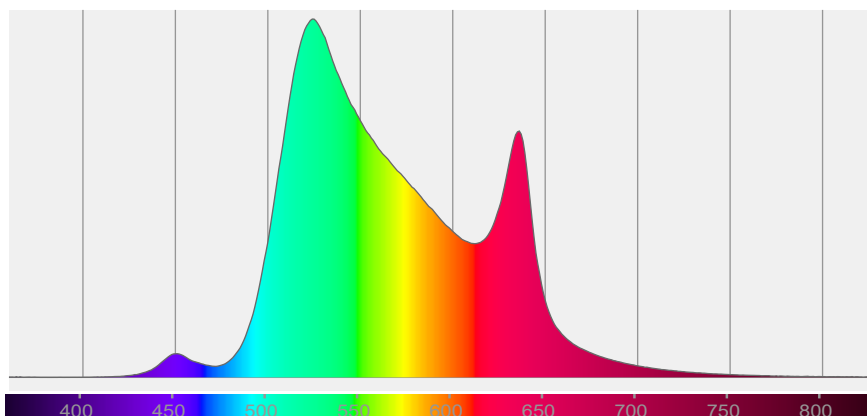


Beam angle 50%: 27,5°

Field angle 10%: 41,5°

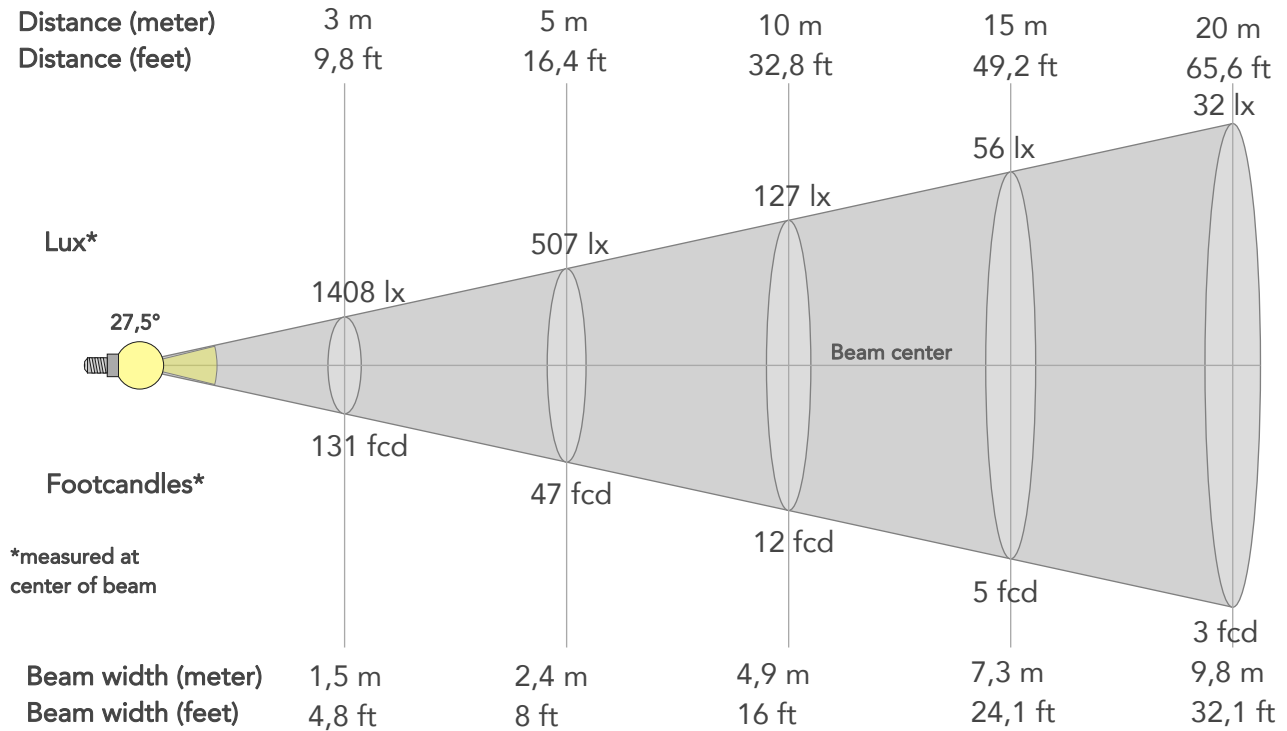
Cut off angle 2.5%: 48,3°

Spectra



BEAM DETAILS

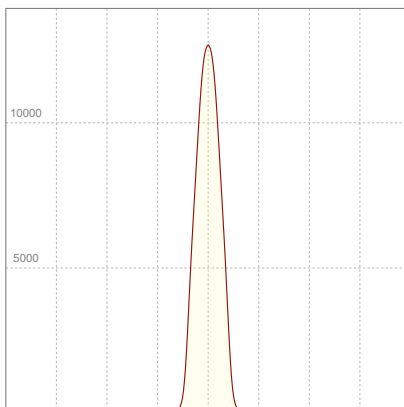
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,5°	41,5°	48,3°	99,6%	99,0%



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	12671lx	3168lx	1408lx	792lx	507lx	225lx	127lx	56lx	32lx	20lx	14lx	8lx	5lx
Footcand.	1177fcd	294fcd	131fcd	74fcd	47fcd	21fcd	12fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1m	1,5m	2m	2,4m	3,7m	4,9m	7,3m	9,8m	12,2m	14,7m	19,6m	24,5m
Beam wid.	1,6ft	3,2ft	4,8ft	6,4ft	8ft	12ft	16ft	24,1ft	32,1ft	40,1ft	48,1ft	64,2ft	80,2ft

LINEAR DISTRIBUTION DIAGRAM

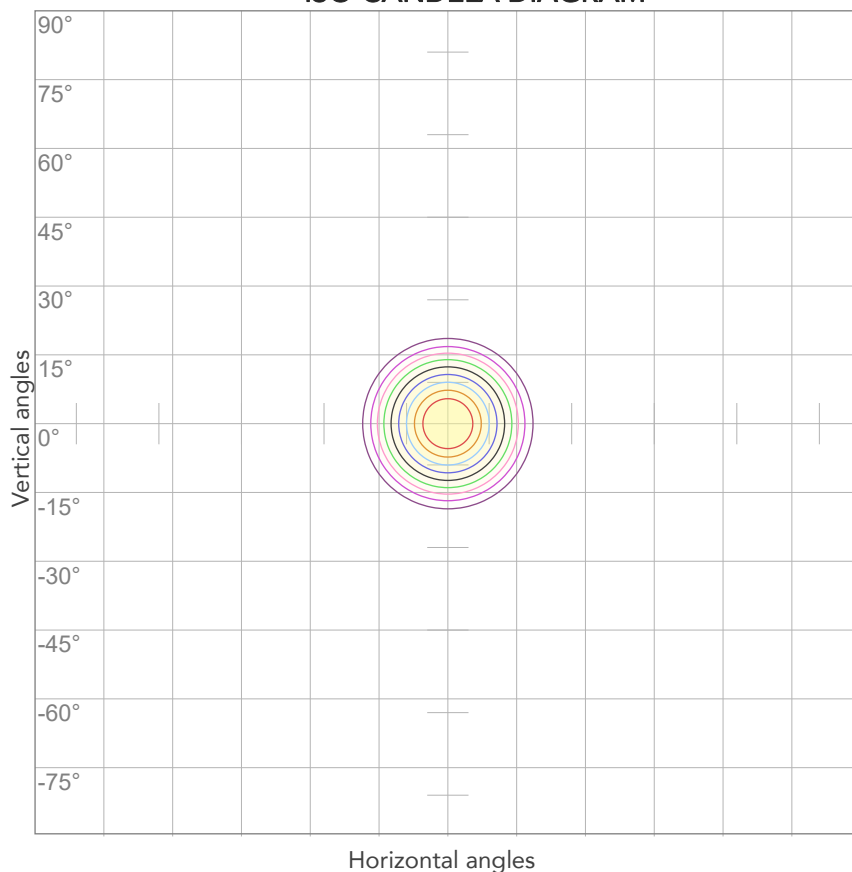


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,318A	68,7W	0,95	39lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



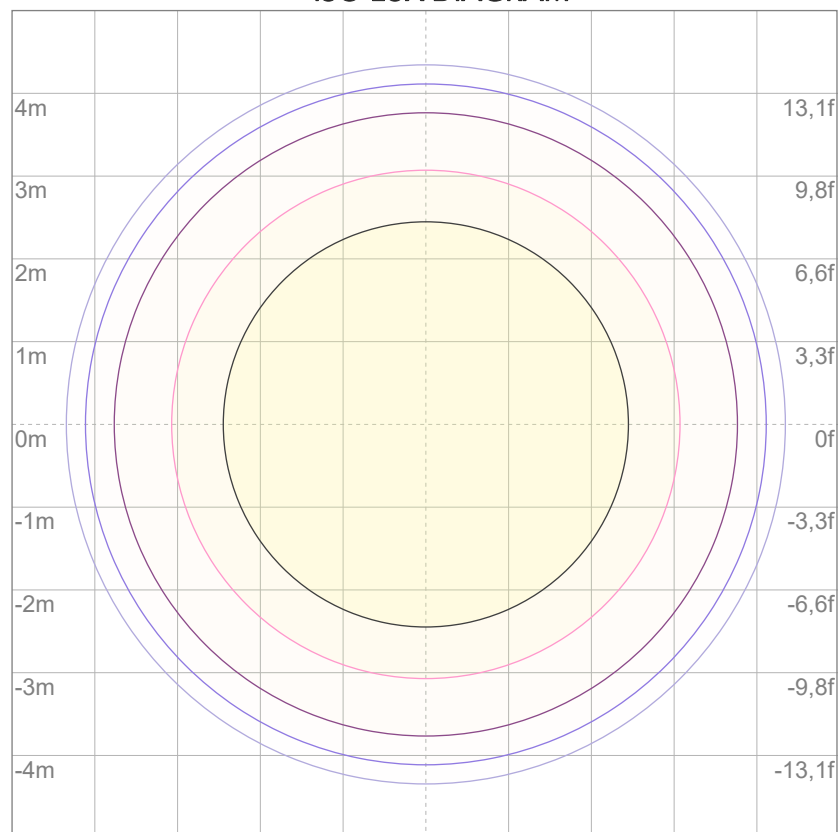
10%	1267 cd
20%	2534 cd
30%	3801 cd
40%	5069 cd
50%	6336 cd
60%	7603 cd
70%	8870 cd
80%	10137 cd

Conditions:

Number of c-planes: 2

Candela at center: 12671 cd

ISO LUX DIAGRAM



3%	3,80 lx
5%	6,34 lx
10%	12,7 lx
30%	38,0 lx
50%	63,4 lx

Conditions:

Number of c-planes: 2

Lux at center: 127 lx

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



Total lumen output:

1998 lm

Peak candela output:

52079 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

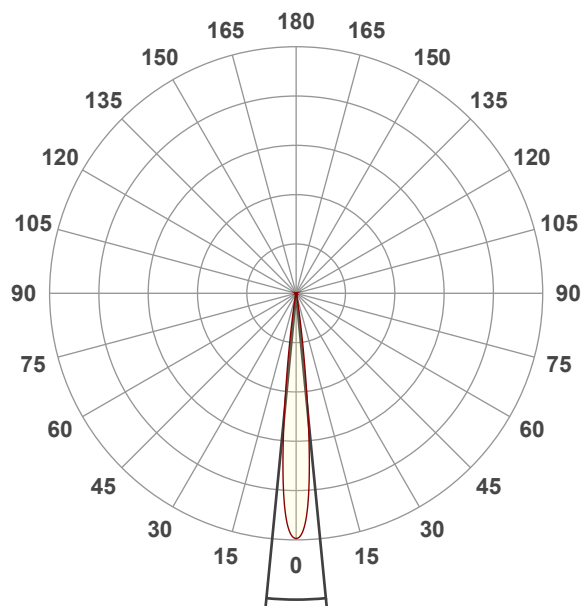
Lime

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 11:04:29

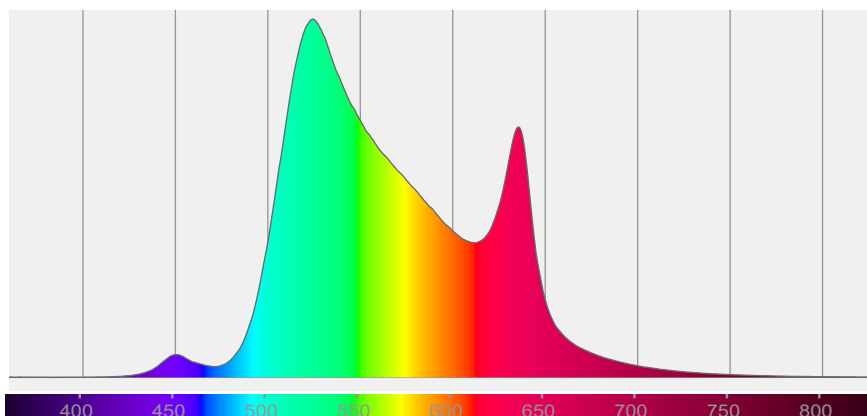


Beam angle 50%: 11,1°

Field angle 10%: 17,3°

Cut off angle 2.5%: 21,9°

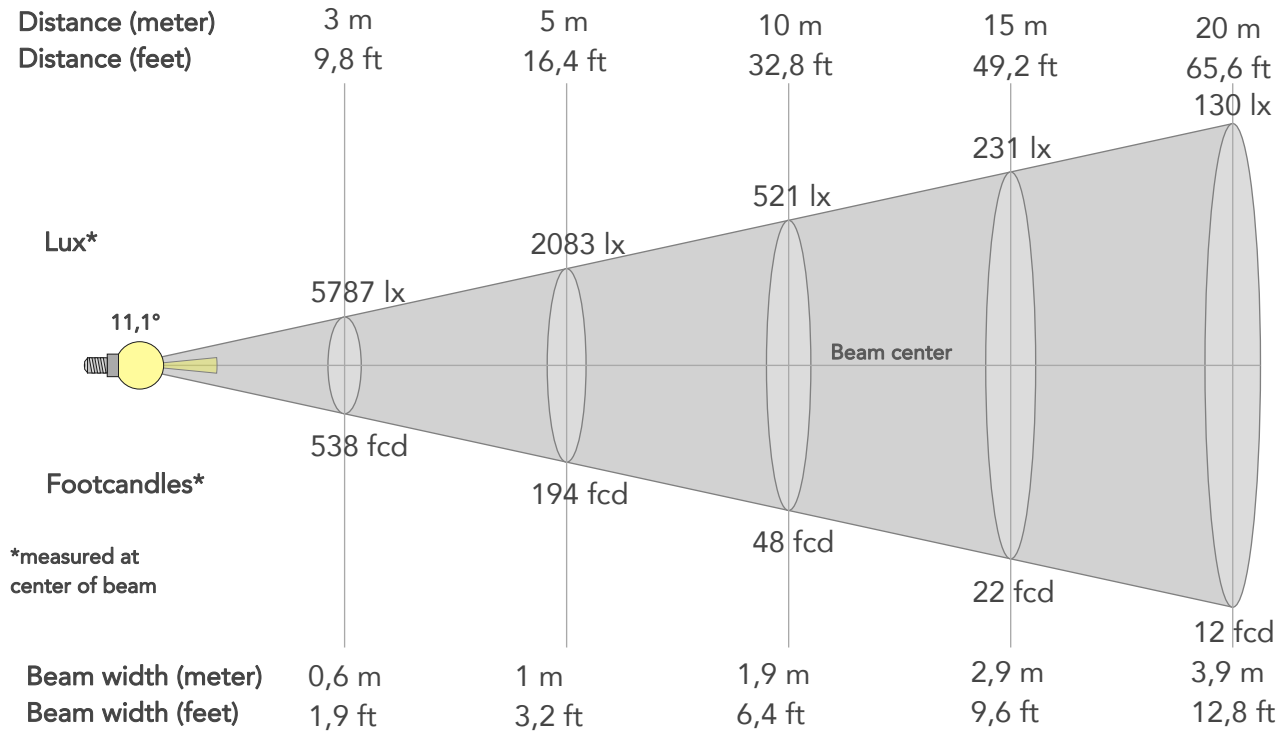
Spectra



BEAM DETAILS



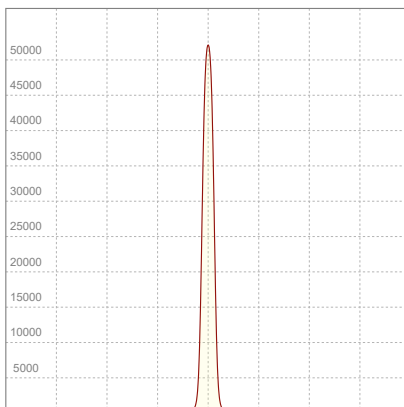
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,1°	17,3°	21,9°	99,9%	99,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	52079lx	13020lx	5787lx	3255lx	2083lx	926lx	521lx	231lx	130lx	83lx	58lx	33lx	21lx
Footcand.	4838fcd	1210fcd	538fcd	302fcd	194fcd	86fcd	48fcd	22fcd	12fcd	8fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	1,9m	2,9m	3,9m	4,9m	5,8m	7,8m	9,7m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,6ft	12,8ft	16ft	19,2ft	25,6ft	32ft

LINEAR DISTRIBUTION DIAGRAM

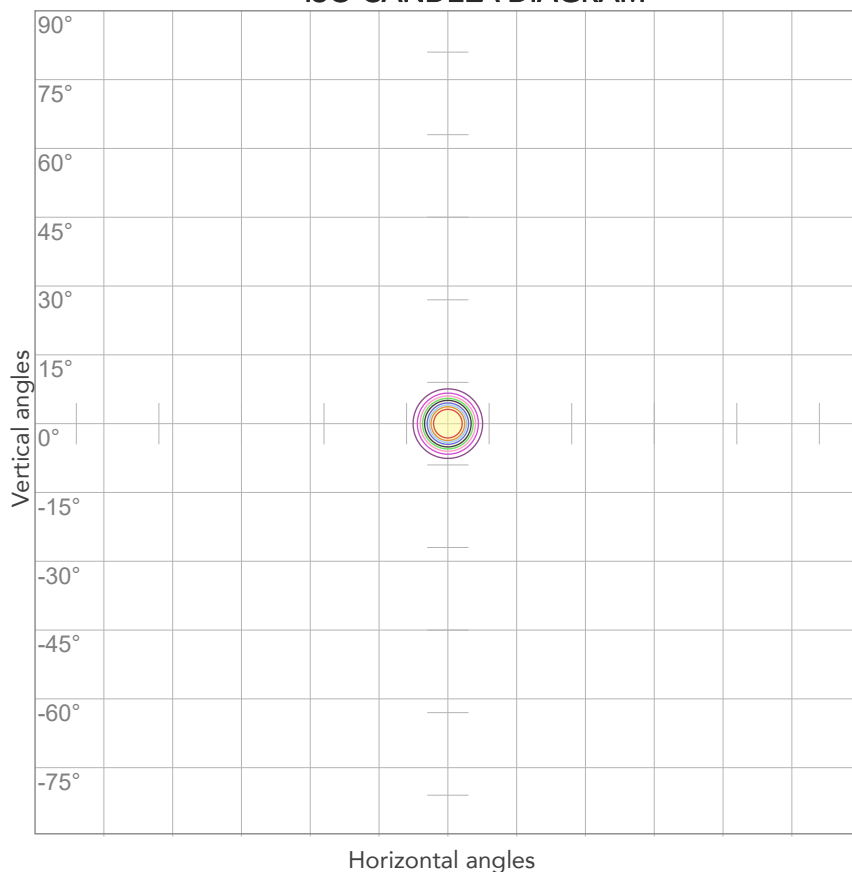


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
225V	0,325A	69,2W	0,94	29lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



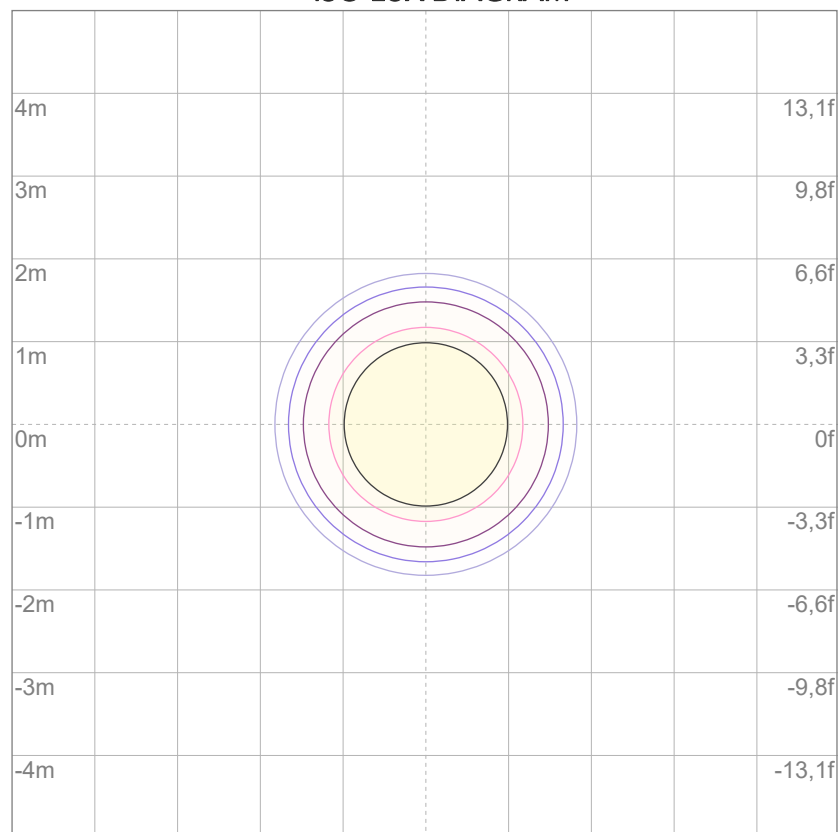
10%	5208 cd
20%	10416 cd
30%	15624 cd
40%	20832 cd
50%	26040 cd
60%	31248 cd
70%	36456 cd
80%	41664 cd

Conditions:

Number of c-planes: 2

Candela at center: 52079 cd

ISO LUX DIAGRAM



3%	15,6 lx
5%	26,0 lx
10%	52,1 lx
30%	156 lx
50%	260 lx

Conditions:

Number of c-planes: 2

Lux at center: 521 lx

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



Total lumen output:

1363 lm

Peak candela output:

2119 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

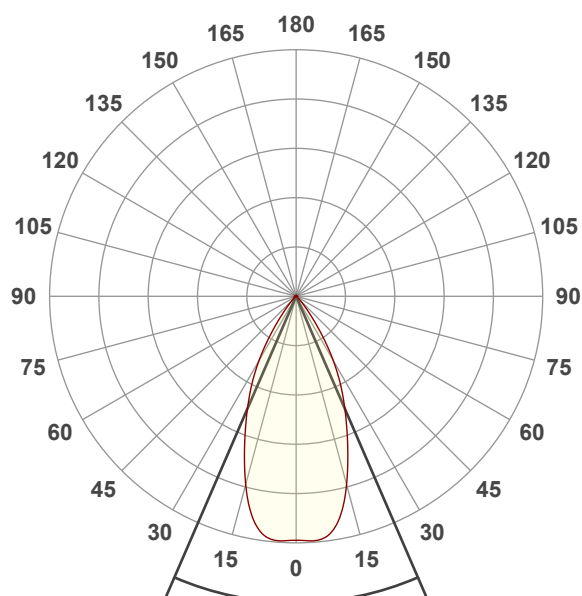
PC Amber

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:11:58

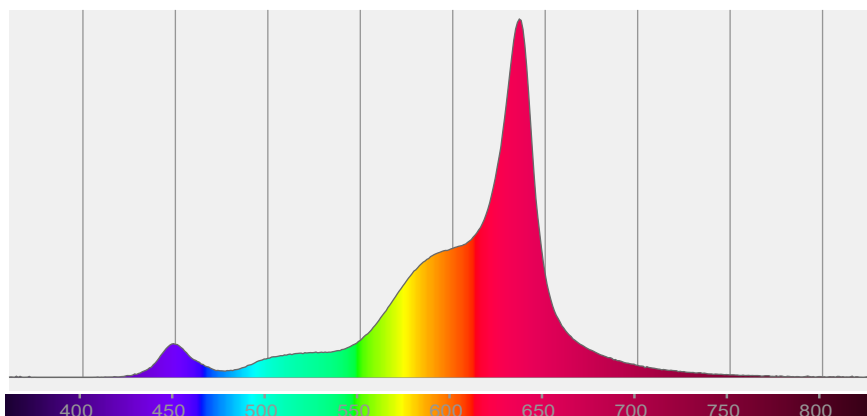


Beam angle 50%: 46,8°

Field angle 10%: 74,8°

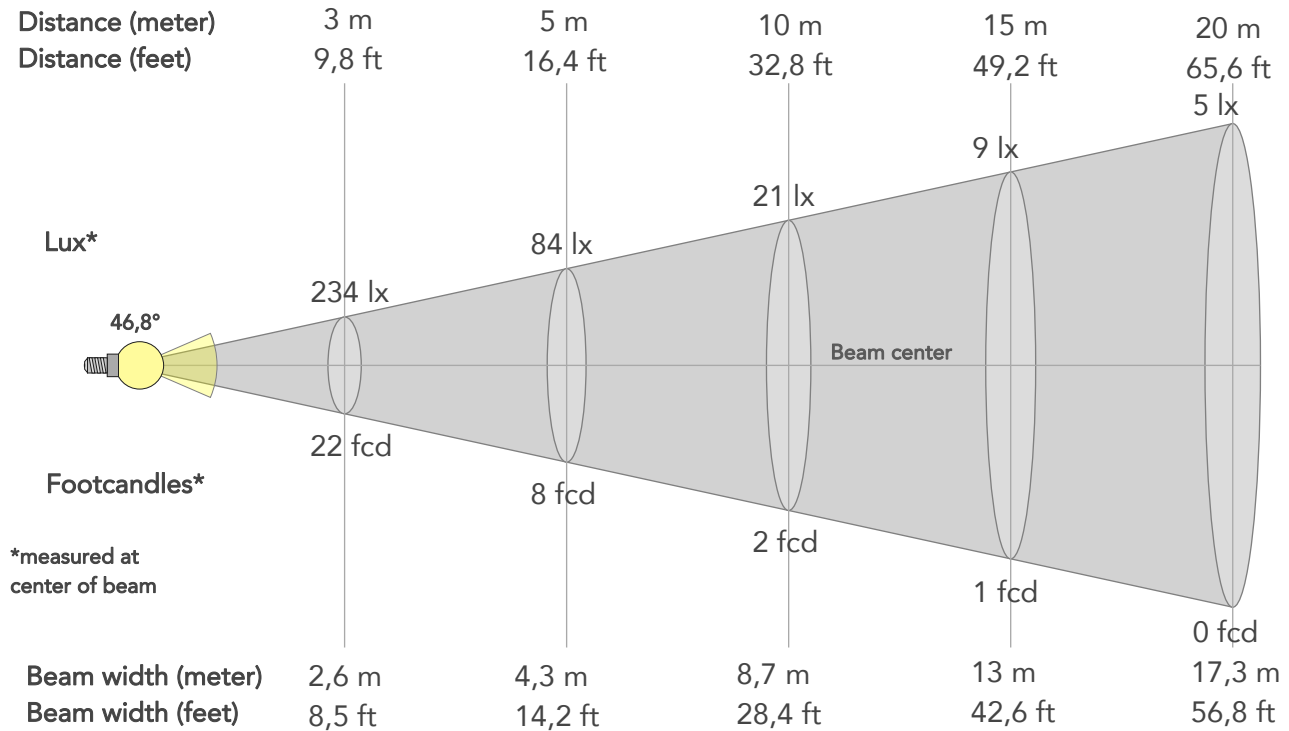
Cut off angle 2.5%: 88,8°

Spectra



BEAM DETAILS

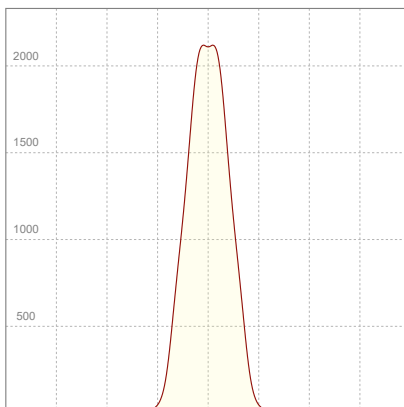
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,8°	74,8°	88,8°	99,9%	98,2%



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	2110lx	528lx	234lx	132lx	84lx	38lx	21lx	9lx	5lx	3lx	2lx	1lx	1lx
Footcand.	196fcd	49fcd	22fcd	12fcd	8fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,3m	6,5m	8,7m	13m	17,3m	21,7m	26m	34,7m	43,3m
Beam wid.	2,9ft	5,7ft	8,5ft	11,3ft	14,2ft	21,3ft	28,4ft	42,6ft	56,8ft	71ft	85,2ft	113,7ft	142,1ft

LINEAR DISTRIBUTION DIAGRAM

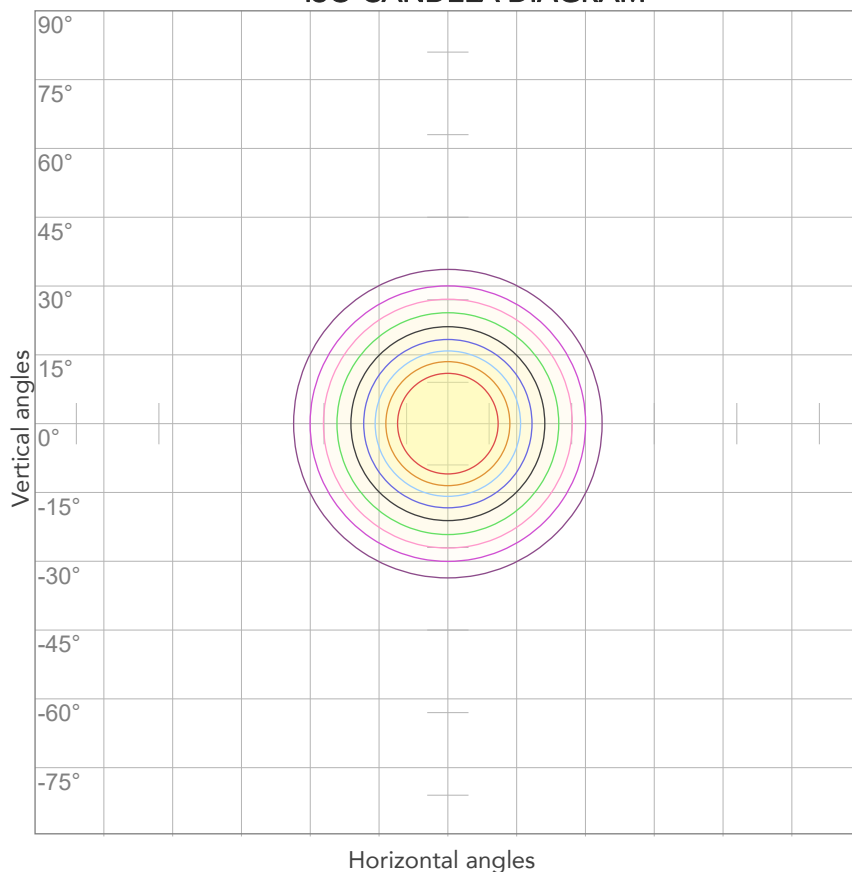


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,300A	63,7W	0,94	21lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



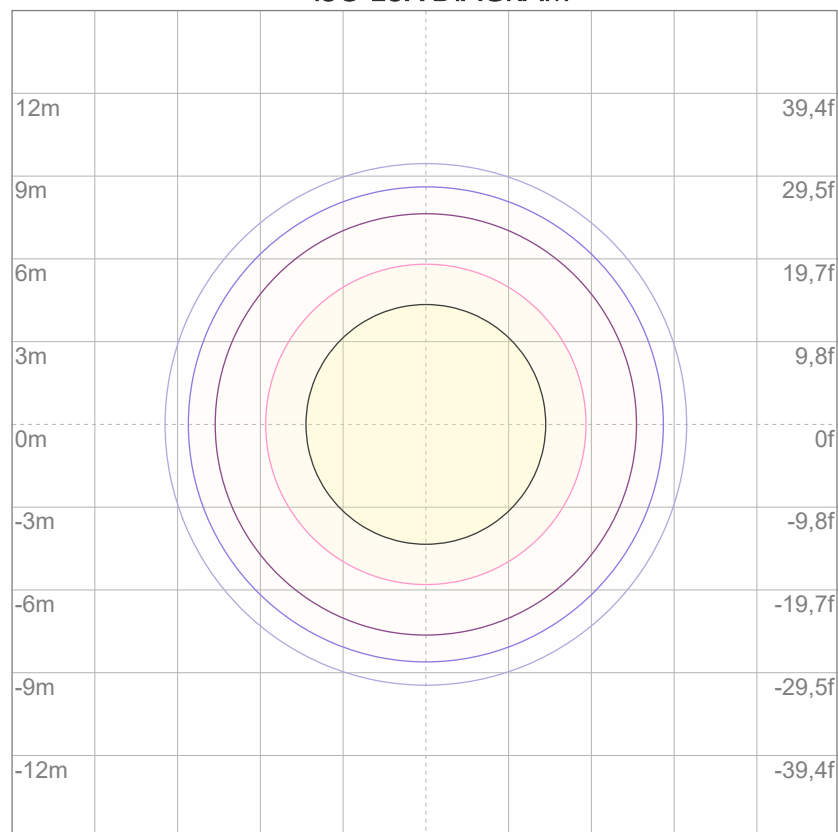
10%	211 cd
20%	422 cd
30%	633 cd
40%	844 cd
50%	1055 cd
60%	1266 cd
70%	1477 cd
80%	1688 cd

Conditions:

Number of c-planes: 2

Candela at center: 2110 cd

ISO LUX DIAGRAM



3%	0,633 lx
5%	1,06 lx
10%	2,11 lx
30%	6,33 lx
50%	10,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 21,1 lx

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



Total lumen output:

1258 lm

Peak candela output:

6031 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

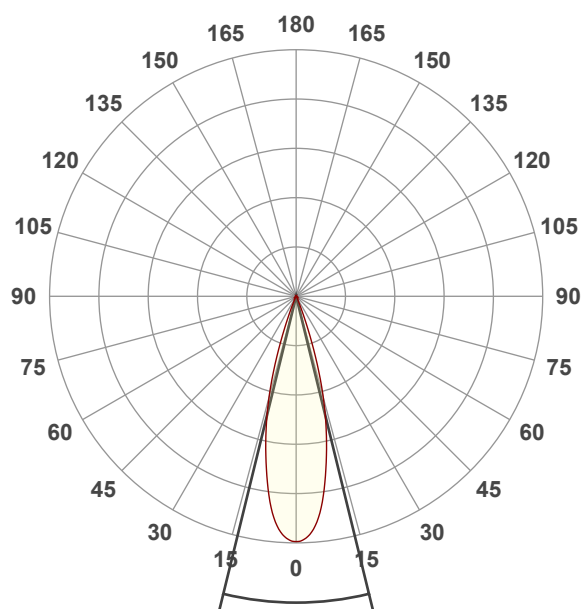
PC Amber

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 14:30:45

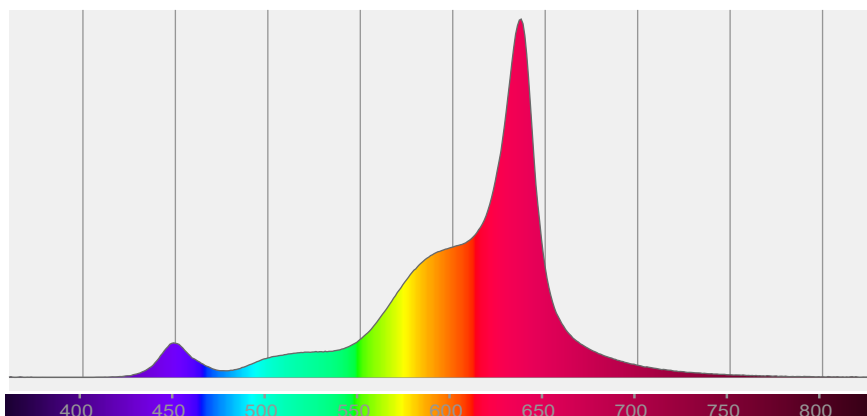


Beam angle 50%: 27,5°

Field angle 10%: 41,5°

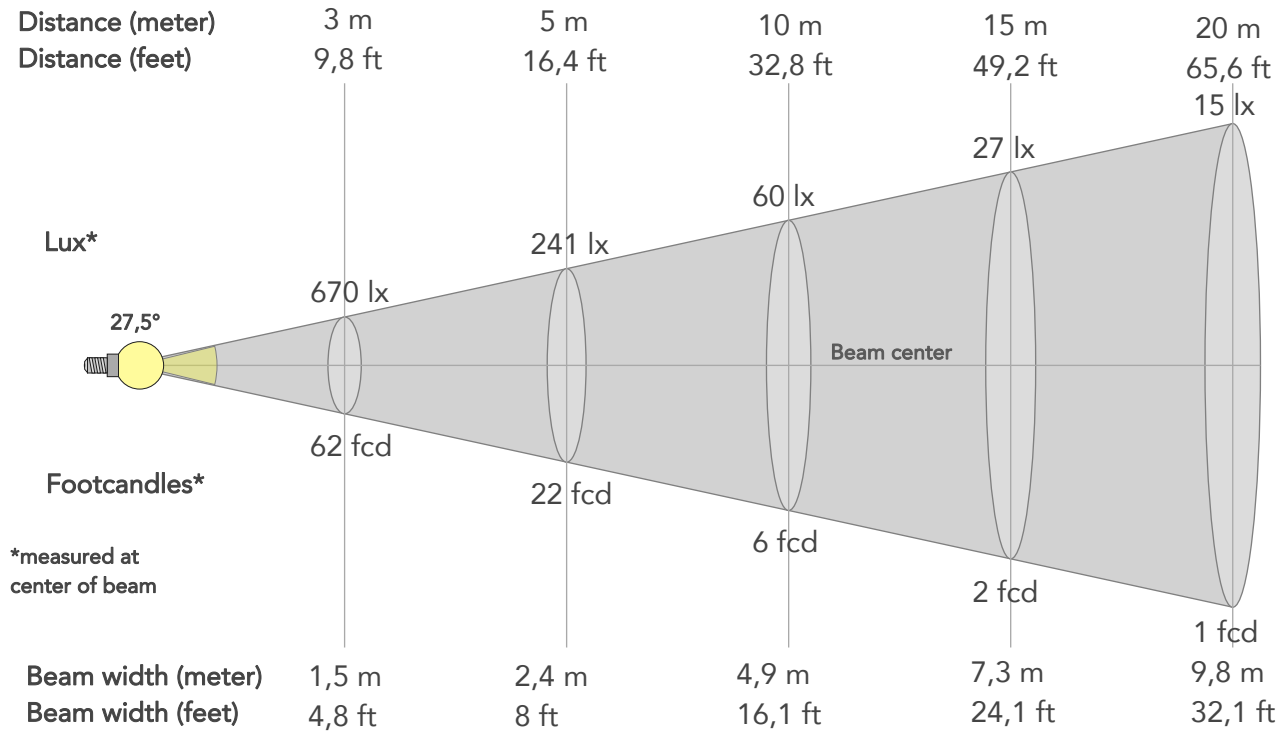
Cut off angle 2.5%: 48,1°

Spectra



BEAM DETAILS

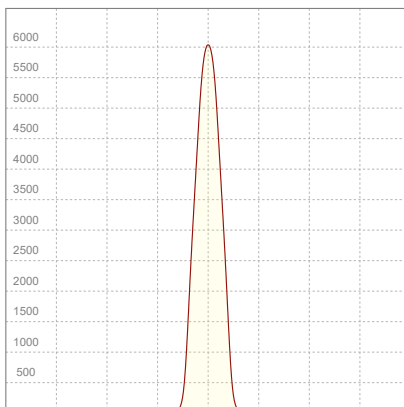
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,5°	41,5°	48,1°	100,0%	99,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	6031lx	1508lx	670lx	377lx	241lx	107lx	60lx	27lx	15lx	10lx	7lx	4lx	2lx
Footcand.	560fcd	140fcd	62fcd	35fcd	22fcd	10fcd	6fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,5m	1m	1,5m	2m	2,4m	3,7m	4,9m	7,3m	9,8m	12,2m	14,7m	19,6m	24,5m
Beam wid.	1,6ft	3,2ft	4,8ft	6,4ft	8ft	12ft	16,1ft	24,1ft	32,1ft	40,1ft	48,2ft	64,2ft	80,3ft

LINEAR DISTRIBUTION DIAGRAM

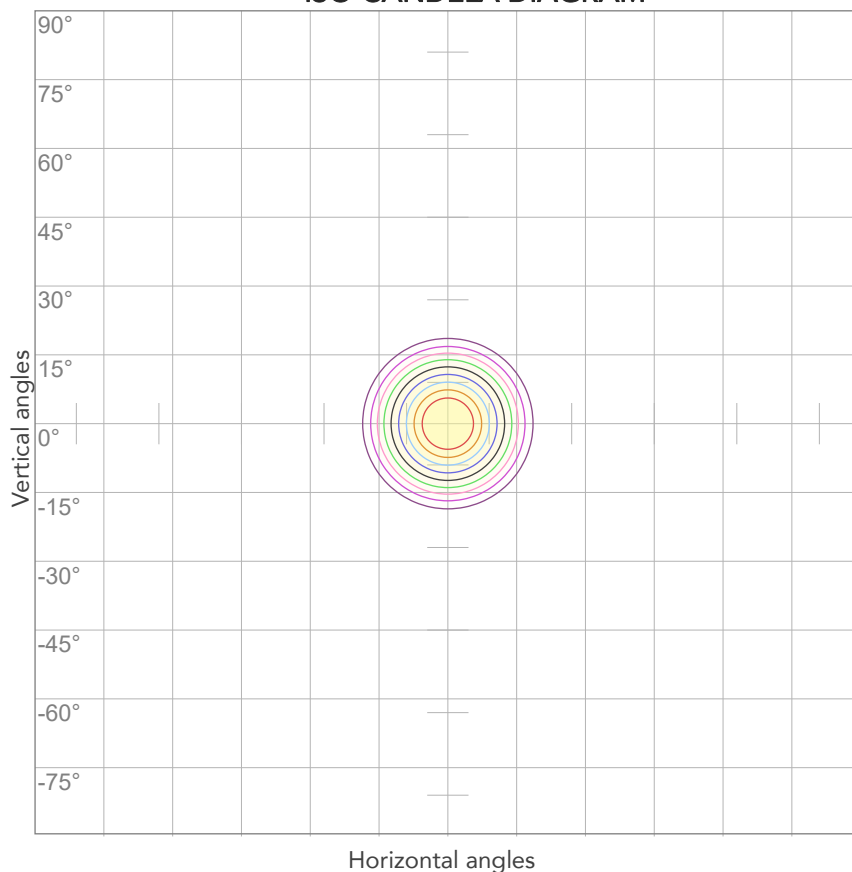


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,300A	63,4W	0,94	20lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



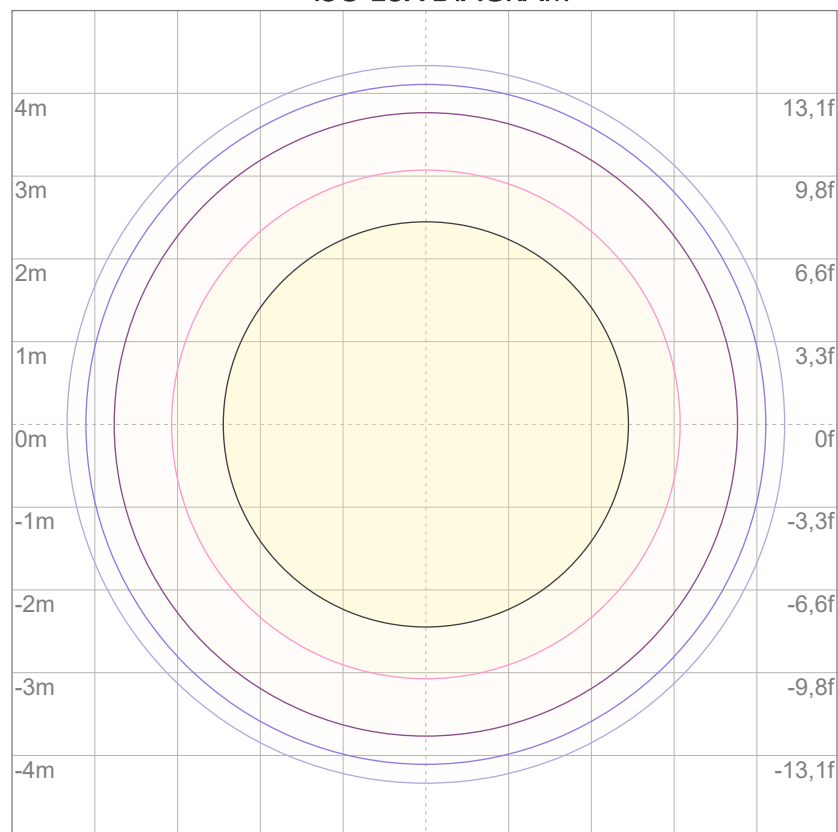
10%	603 cd
20%	1206 cd
30%	1809 cd
40%	2412 cd
50%	3015 cd
60%	3619 cd
70%	4222 cd
80%	4825 cd

Conditions:

Number of c-planes: 2

Candela at center: 6031 cd

ISO LUX DIAGRAM



3%	1,81 lx
5%	3,02 lx
10%	6,03 lx
30%	18,1 lx
50%	30,2 lx

Conditions:

Number of c-planes: 2

Lux at center: 60,3 lx

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



Total lumen output:

950 lm

Peak candela output:

25328 cd

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

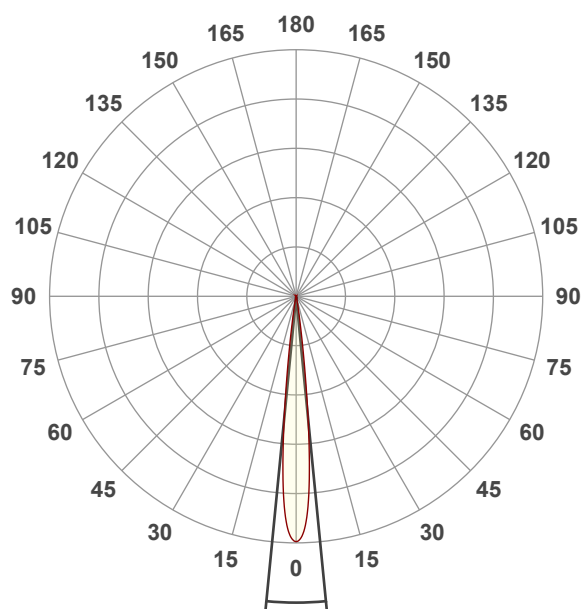
PC Amber

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 10:59:35

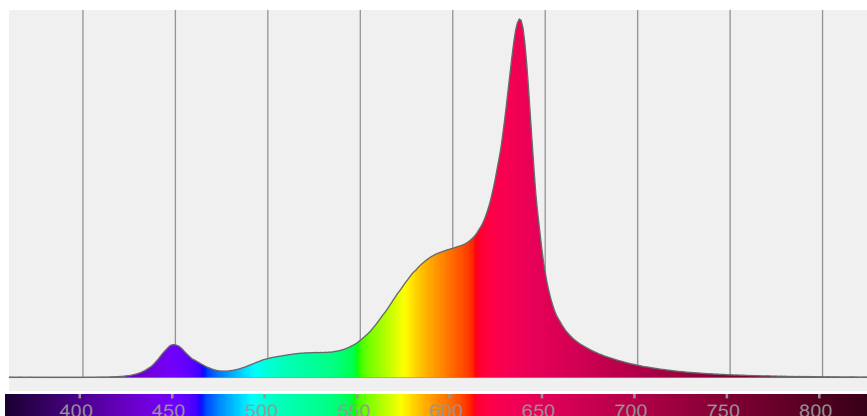


Beam angle 50%: 11,2°

Field angle 10%: 17,3°

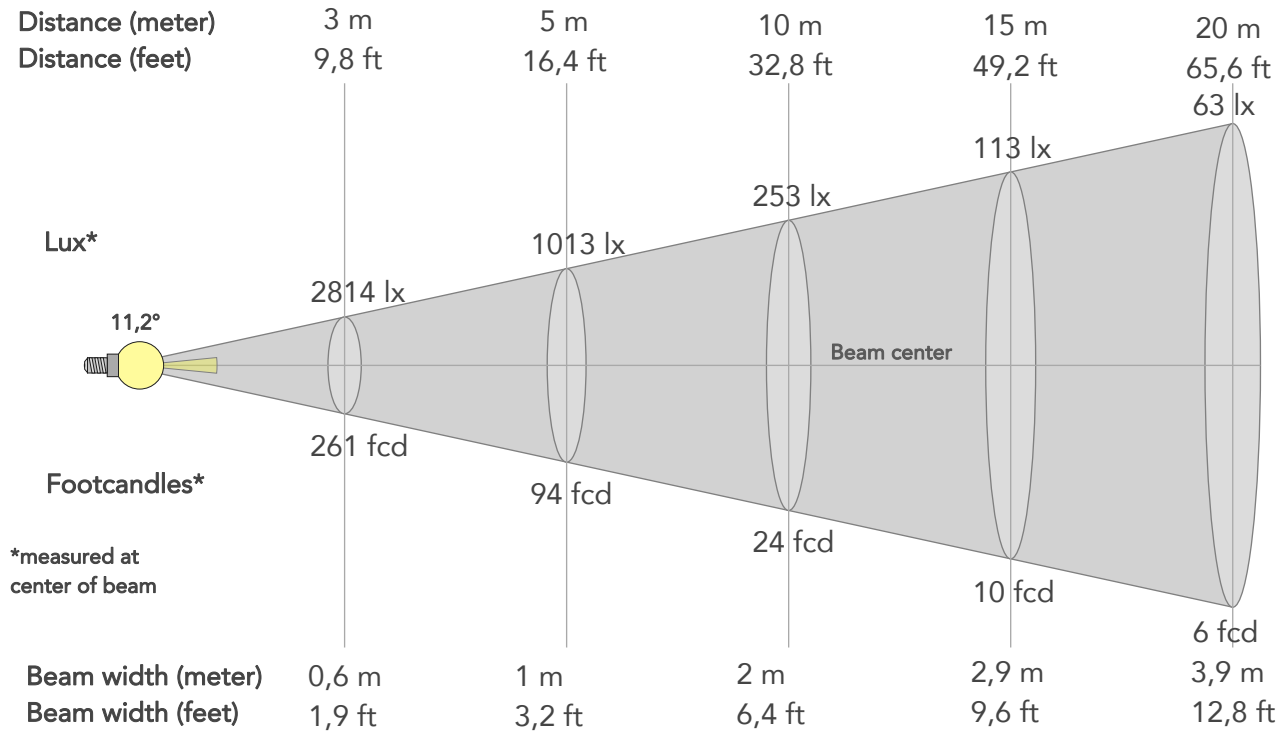
Cut off angle 2.5%: 21,8°

Spectra



BEAM DETAILS

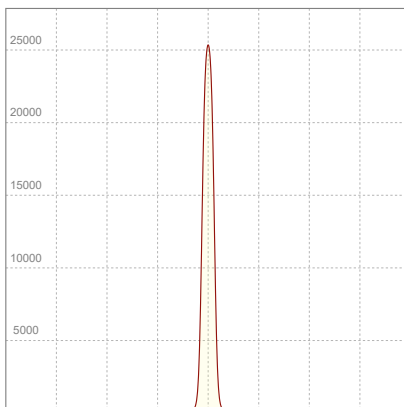
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,2°	17,3°	21,8°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	25328lx	6332lx	2814lx	1583lx	1013lx	450lx	253lx	113lx	63lx	41lx	28lx	16lx	10lx
Footcand.	2353fcd	588fcd	261fcd	147fcd	94fcd	42fcd	24fcd	10fcd	6fcd	4fcd	3fcd	1fcd	1fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	2,9m	3,9m	4,9m	5,9m	7,8m	9,8m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,6ft	12,8ft	16ft	19,2ft	25,6ft	32ft

LINEAR DISTRIBUTION DIAGRAM

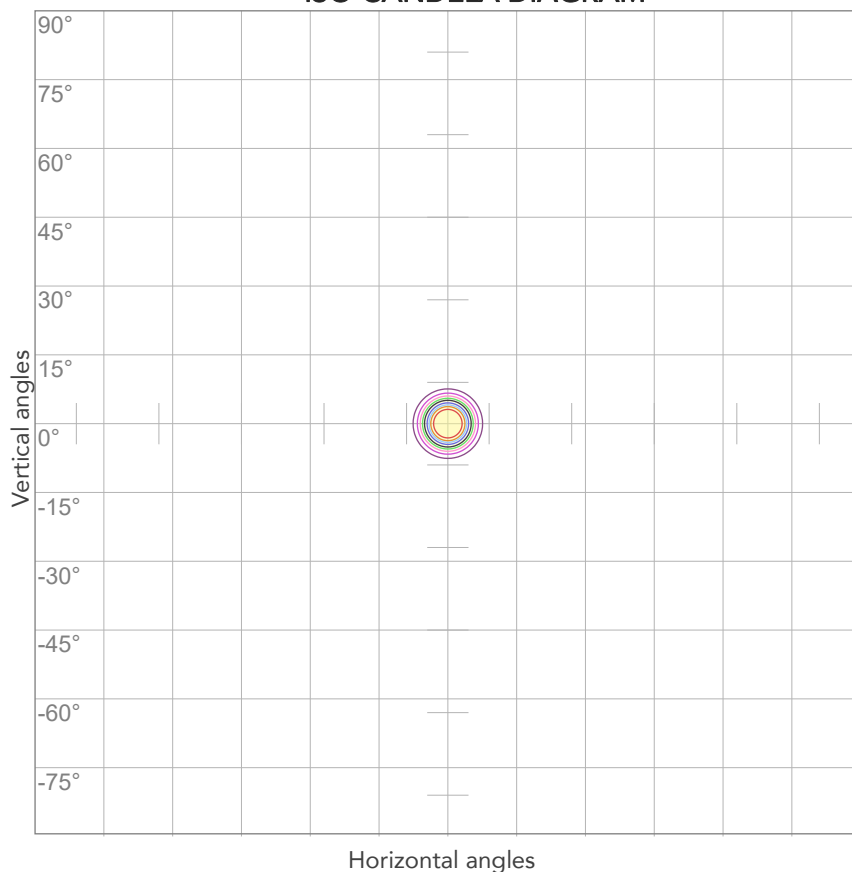


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,305A	64,2W	0,93	15lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



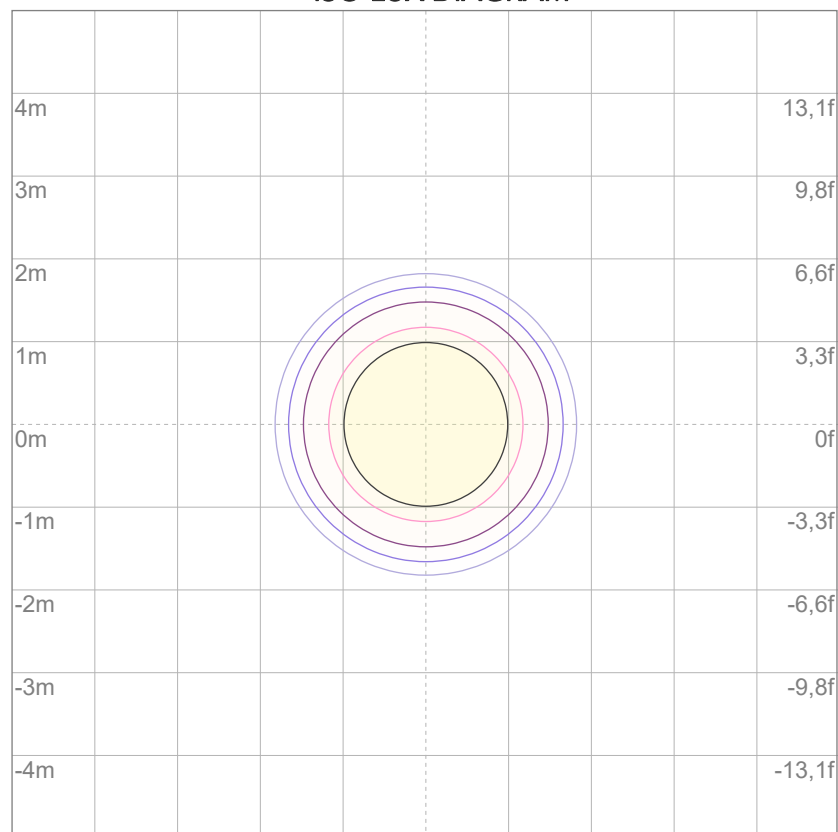
10%	2533 cd
20%	5066 cd
30%	7598 cd
40%	10131 cd
50%	12664 cd
60%	15197 cd
70%	17729 cd
80%	20262 cd

Conditions:

Number of c-planes: 2

Candela at center: 25328 cd

ISO LUX DIAGRAM



3%	7,60 lx
5%	12,7 lx
10%	25,3 lx
30%	76,0 lx
50%	127 lx

Conditions:

Number of c-planes: 2

Lux at center: 253 lx

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



Total lumen output:

2126 lm

Peak candela output:

3273 cd

Light quality:

CRI: 95,4

Color temperature:

2735 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

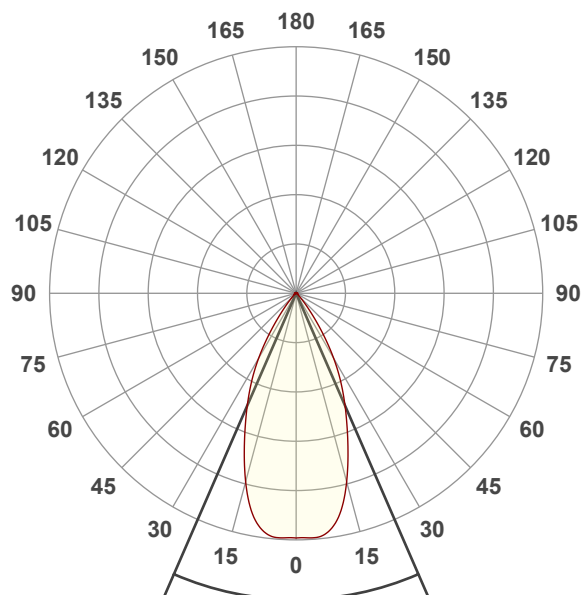
2800K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:32:16

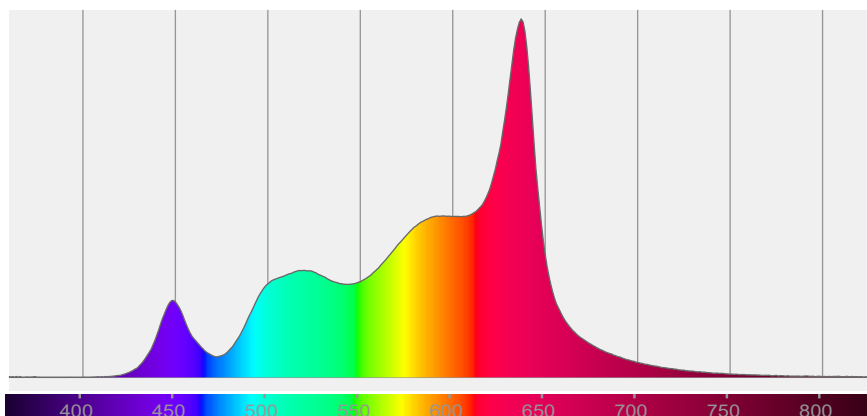


Beam angle 50%: 47°

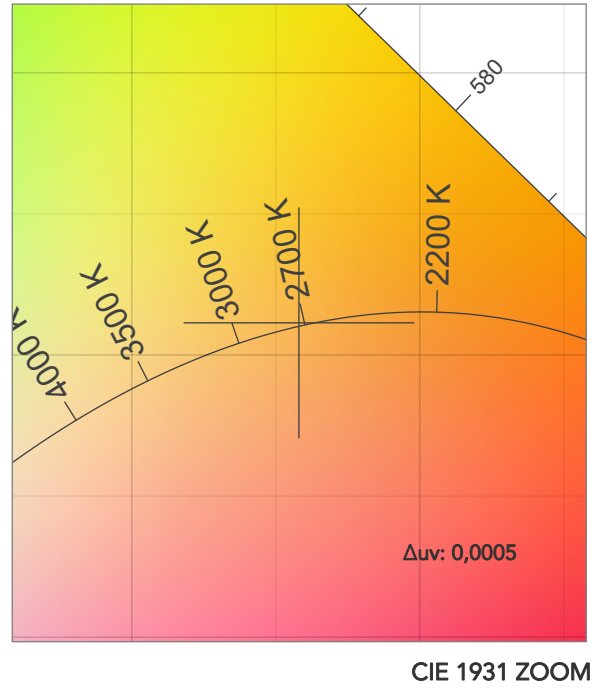
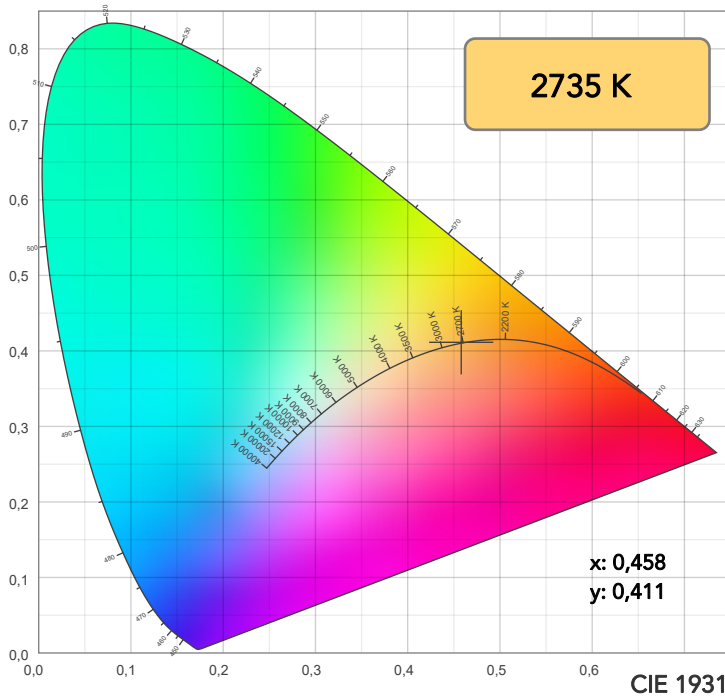
Field angle 10%: 75°

Cut off angle 2.5%: 89,4°

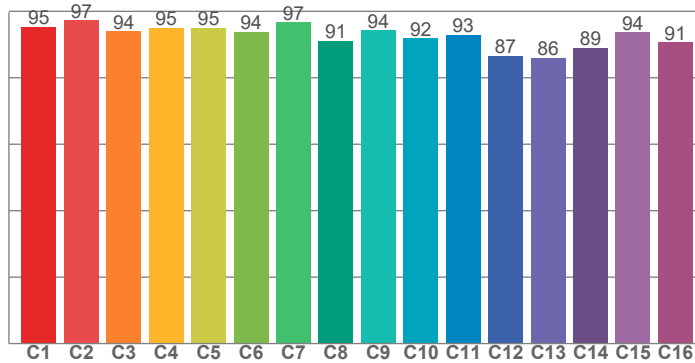
Spectra



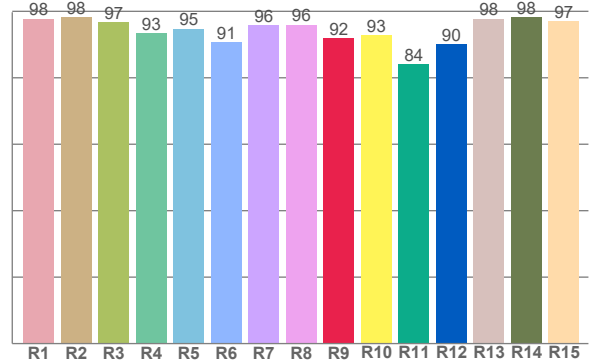
COLOR DETAILS



TM30: 93,2



CRI: 95,4 (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
97,8	98,2	96,7	93,3	94,8	90,8	95,9	96,0	91,9	92,8	84,0	90,2	97,8	98,2	97,0

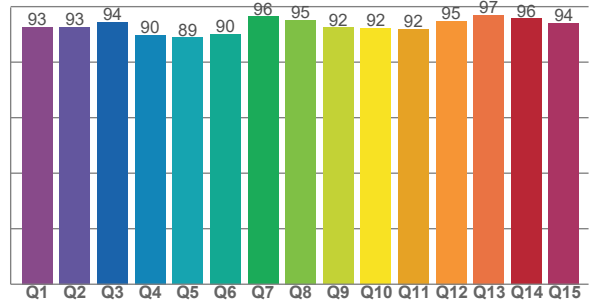
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,3	97,4	94,1	95,0	95,0	93,9	96,6	91,2	94,2	91,8	92,9	86,6	86,1	89,0	93,6	90,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,6	92,6	94,4	89,7	88,9	90,2	96,4	95,1	92,4	92,4	91,9	94,8	97,1	95,6	94,2

CQS: 92,6



COLOR PARAMETERS

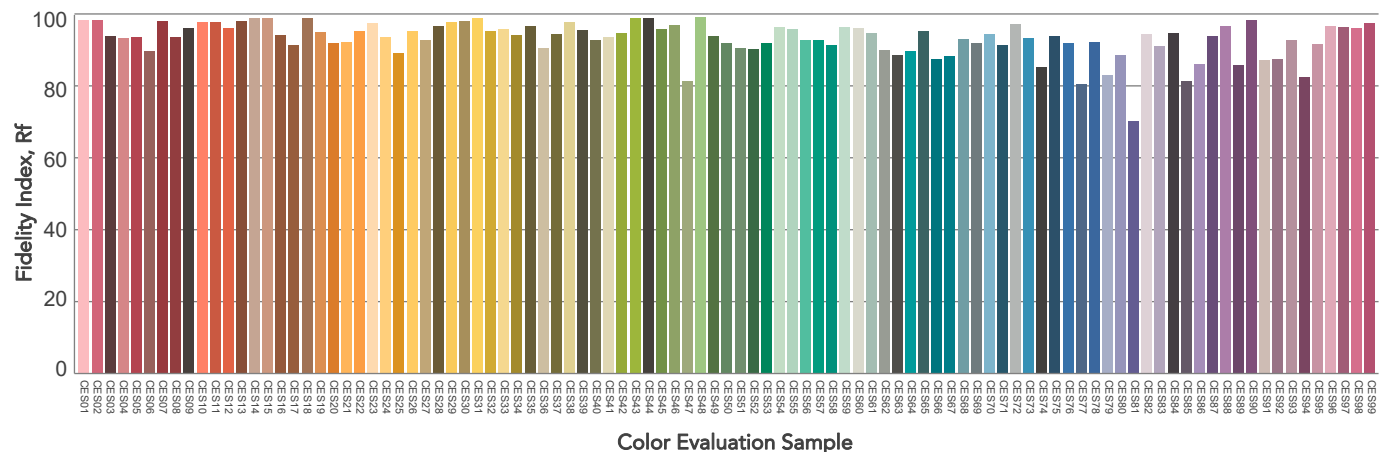
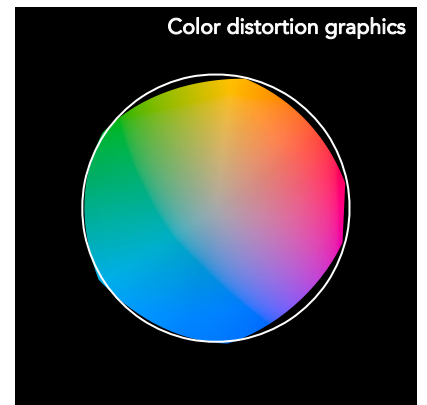
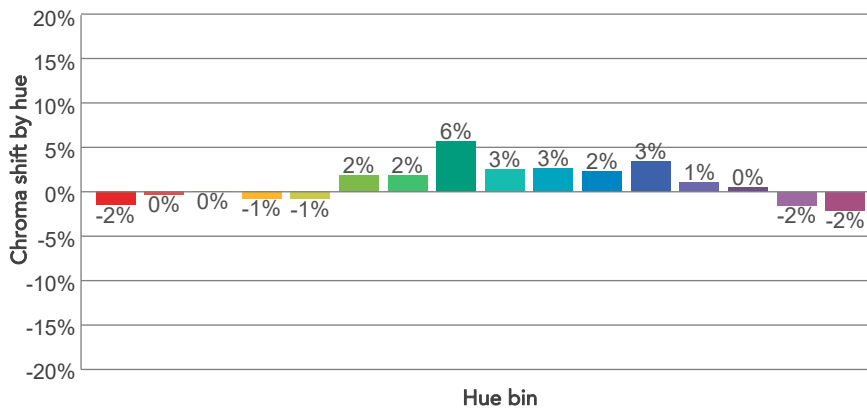
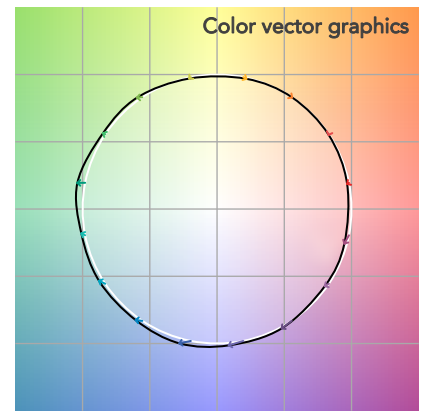
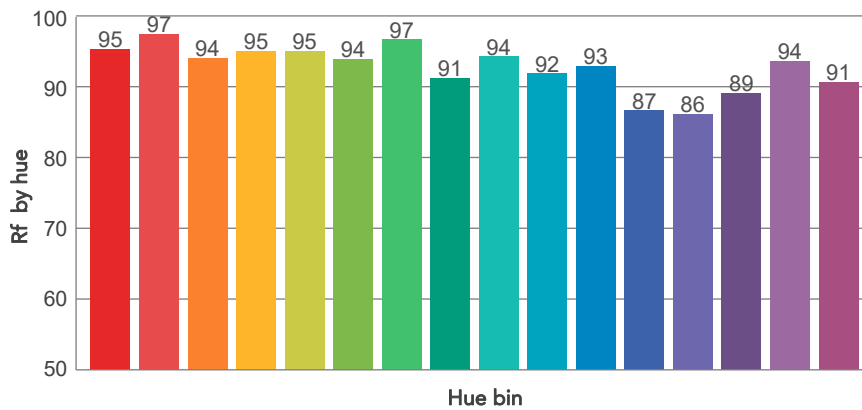
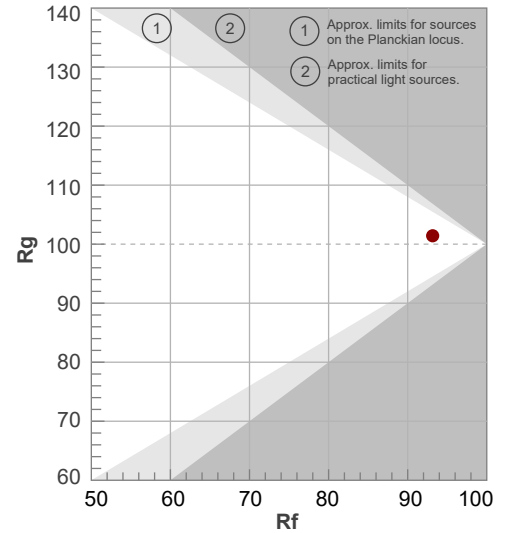
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2735 K	95,4	91,9	93,2	101,4	92,6	82	0,458	0,411	0,0005

TM30 DETAILS

Rf 93,2
Fidelity index Rf

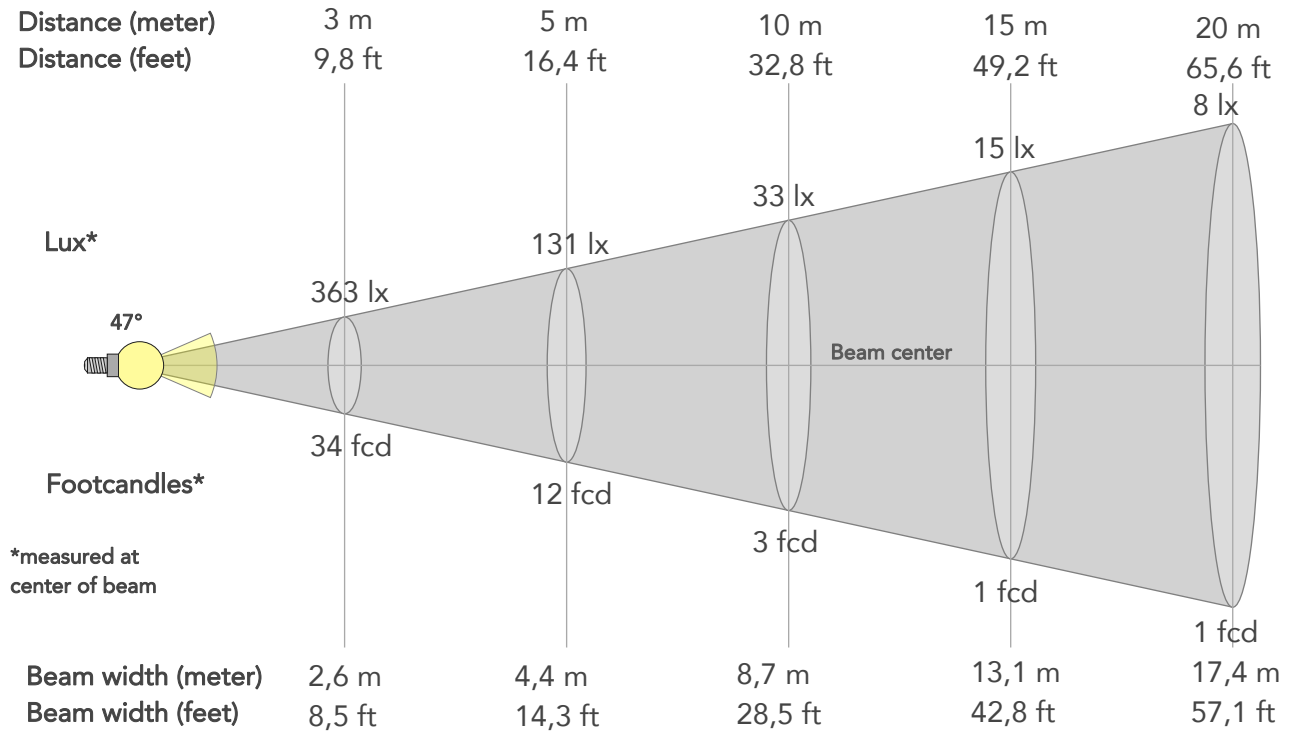
Rg 101,4
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-2%	-1%
2	97	0%	0%
3	94	0%	0%
4	95	-1%	-3%
5	95	-1%	1%
6	94	2%	3%
7	97	2%	0%
8	91	6%	1%
9	94	3%	-2%
10	92	3%	-4%
11	93	2%	-4%
12	87	3%	-8%
13	86	1%	-11%
14	89	0%	-9%
15	94	-2%	-3%
16	91	-2%	-7%



BEAM DETAILS

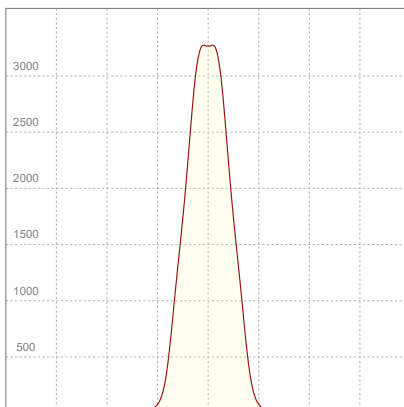
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47°	75°	89,4°	99,6%	97,8%



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	3268lx	817lx	363lx	204lx	131lx	58lx	33lx	15lx	8lx	5lx	4lx	2lx	1lx
Footcand.	304fcd	76fcd	34fcd	19fcd	12fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,4m	6,5m	8,7m	13,1m	17,4m	21,8m	26,1m	34,8m	43,5m
Beam wid.	2,9ft	5,7ft	8,5ft	11,4ft	14,3ft	21,4ft	28,5ft	42,8ft	57,1ft	71,4ft	85,6ft	114,2ft	142,7ft

LINEAR DISTRIBUTION DIAGRAM

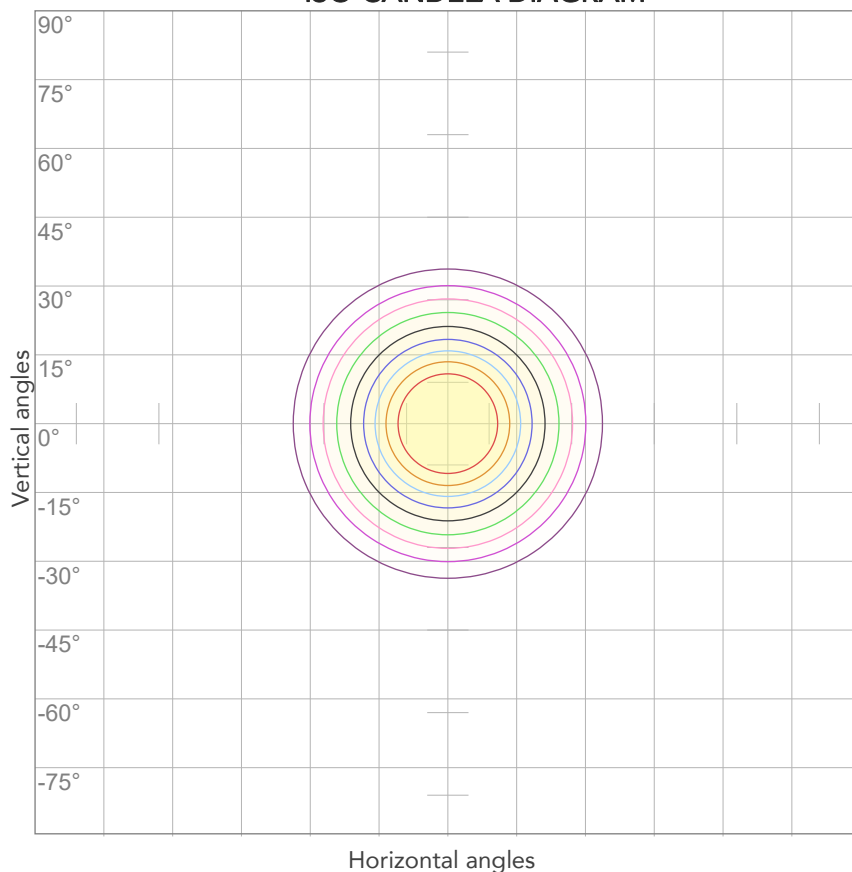


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,381A	83,7W	0,97	25lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



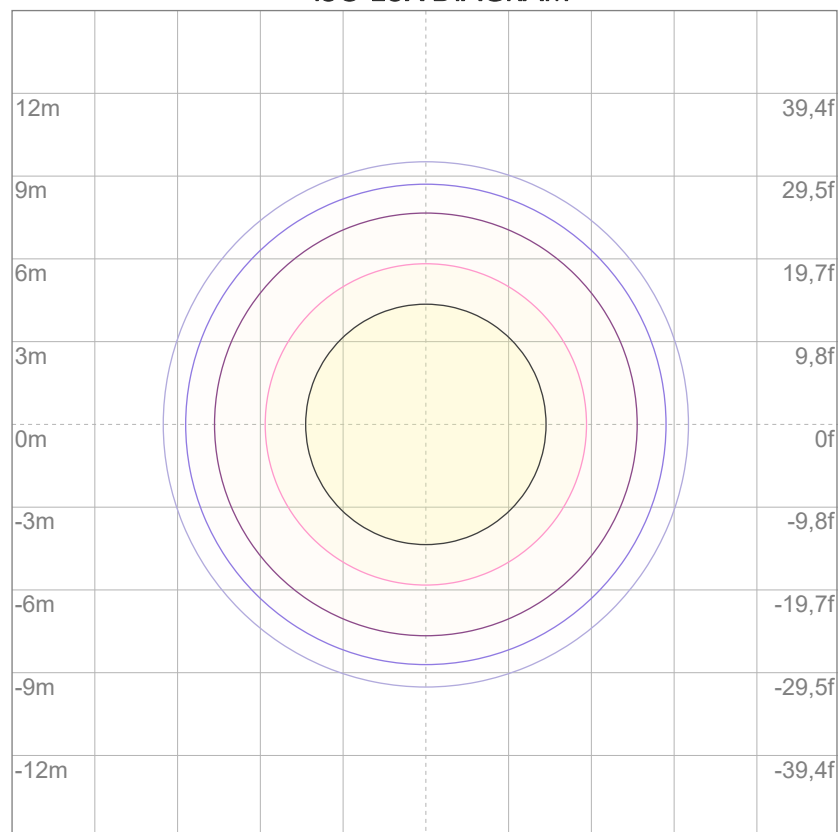
10%	327 cd
20%	654 cd
30%	980 cd
40%	1307 cd
50%	1634 cd
60%	1961 cd
70%	2287 cd
80%	2614 cd

Conditions:

Number of c-planes: 2

Candela at center: 3268 cd

ISO LUX DIAGRAM



3%	0,980 lx
5%	1,63 lx
10%	3,27 lx
30%	9,80 lx
50%	16,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 32,7 lx

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



Total lumen output:

1989 lm

Peak candela output:

9346 cd

Light quality:

CRI: 96,0

Color temperature:

2776 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

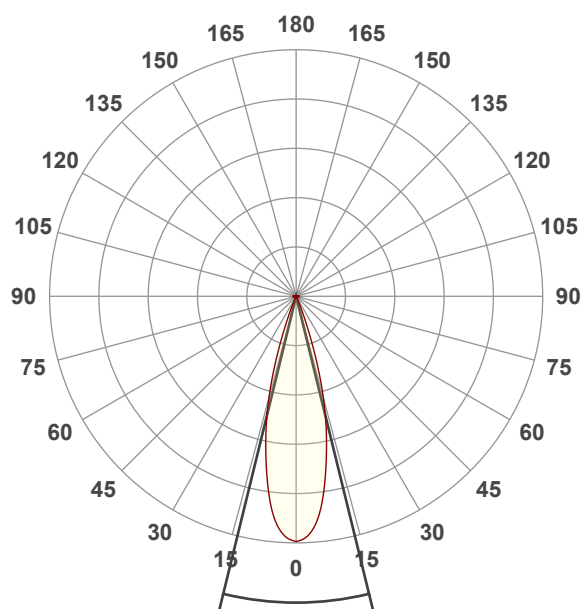
2800K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 17:11:05

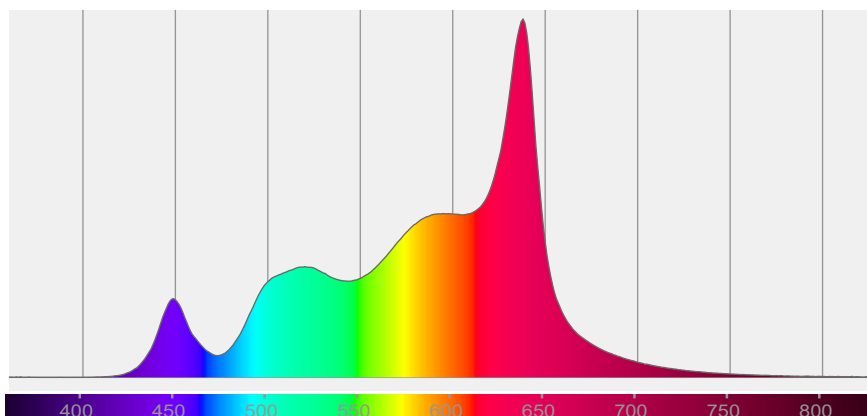


Beam angle 50%: 27,5°

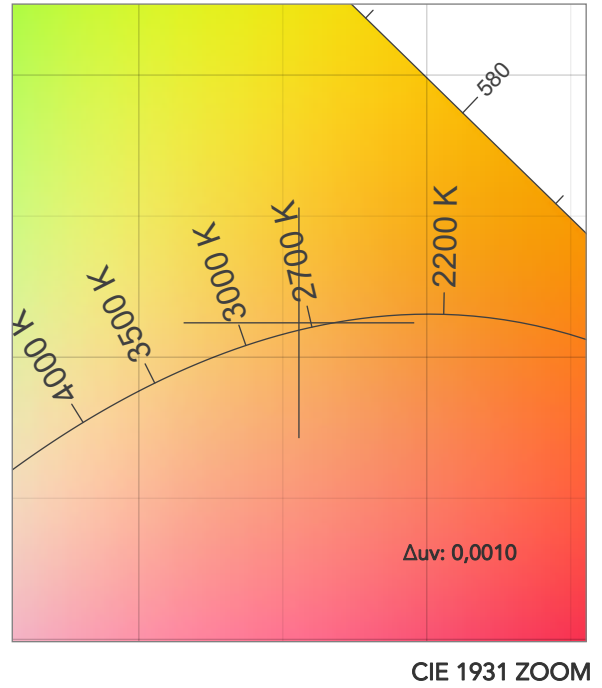
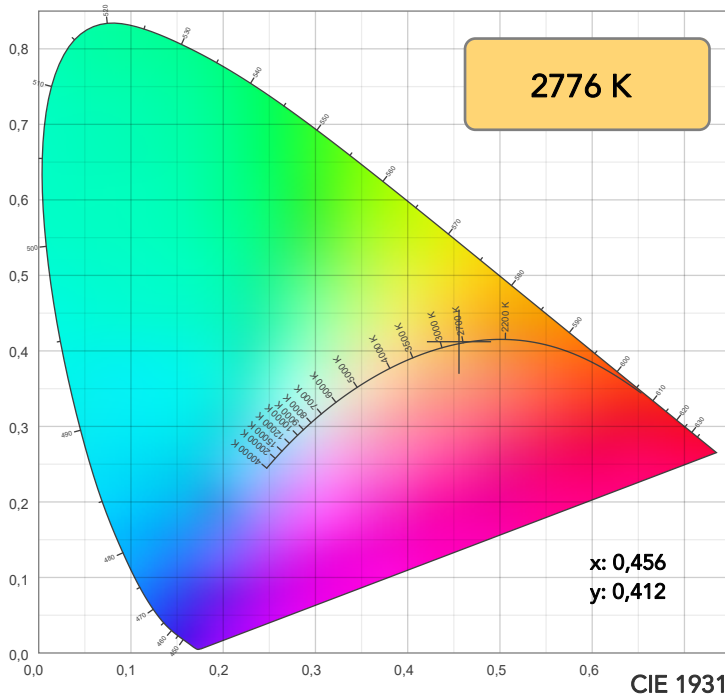
Field angle 10%: 41,6°

Cut off angle 2.5%: 48,2°

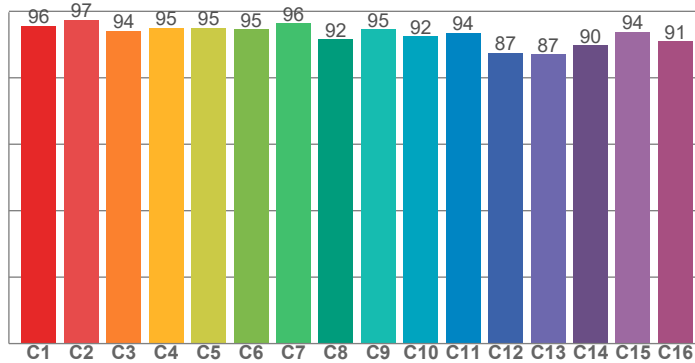
Spectra



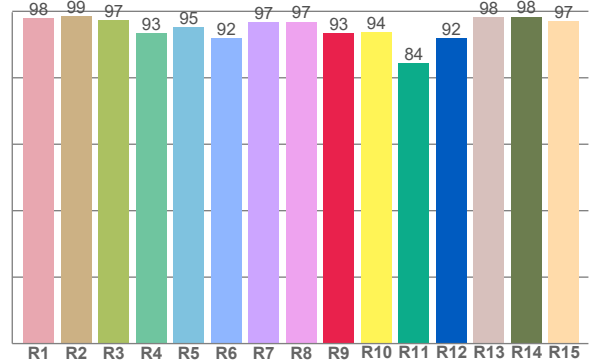
COLOR DETAILS



TM30: 93,5



CRI: 96,0 (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
98,0	98,6	97,3	93,5	95,2	91,9	96,7	96,9	93,3	93,8	84,5	92,0	98,1	98,4	97,0

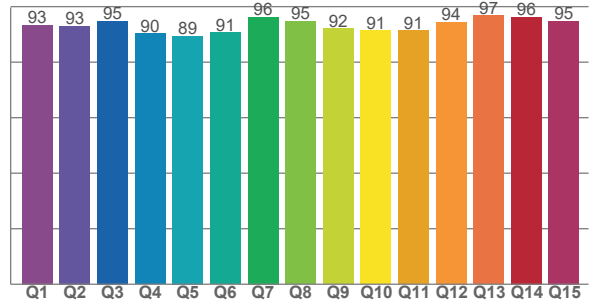
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,6	97,4	94,2	95,1	95,0	94,6	96,4	91,5	94,7	92,5	93,6	87,5	87,1	89,8	93,8	90,9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,3	93,1	94,9	90,2	89,4	90,8	96,2	94,7	92,1	91,5	91,4	94,4	96,8	96,2	94,8

CQS: 92,8



COLOR PARAMETERS

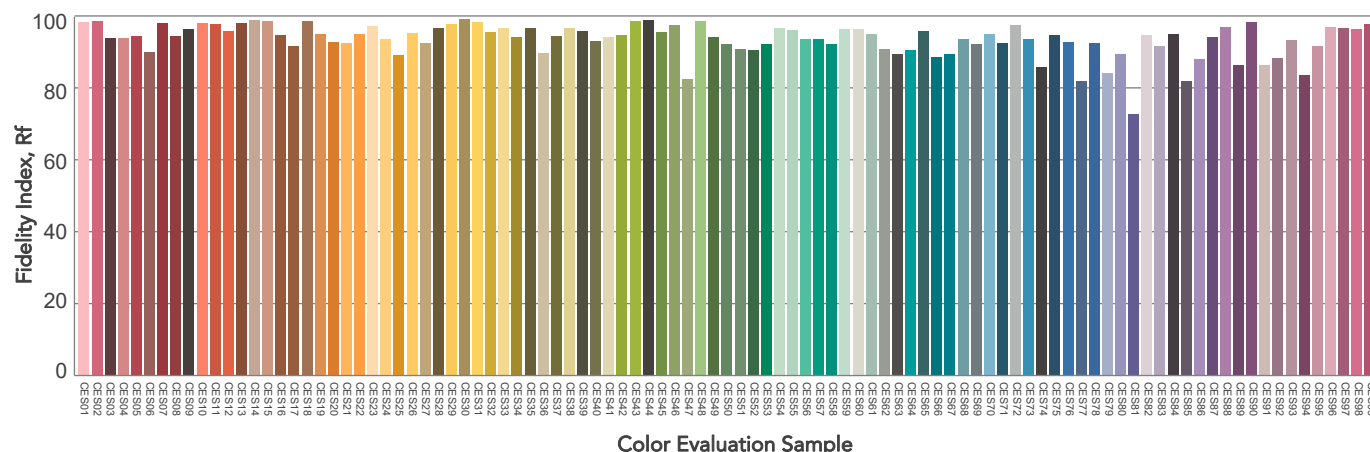
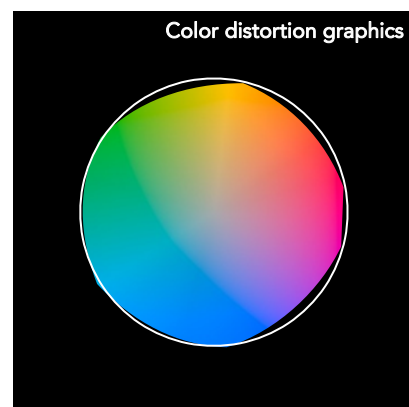
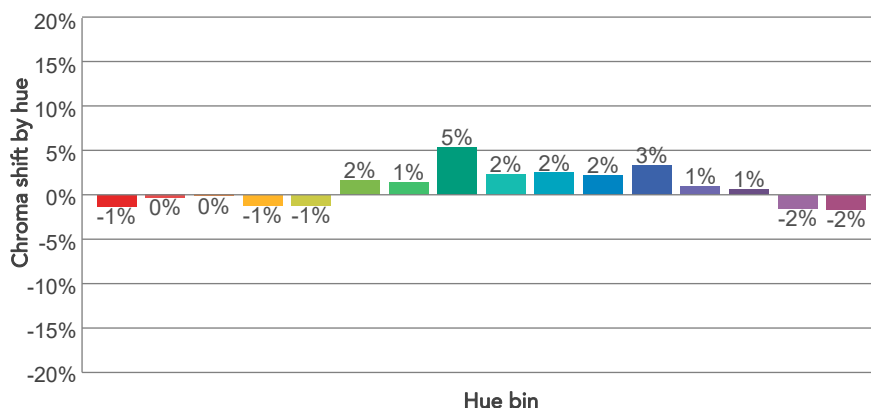
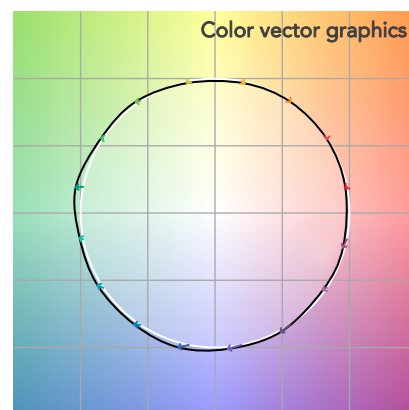
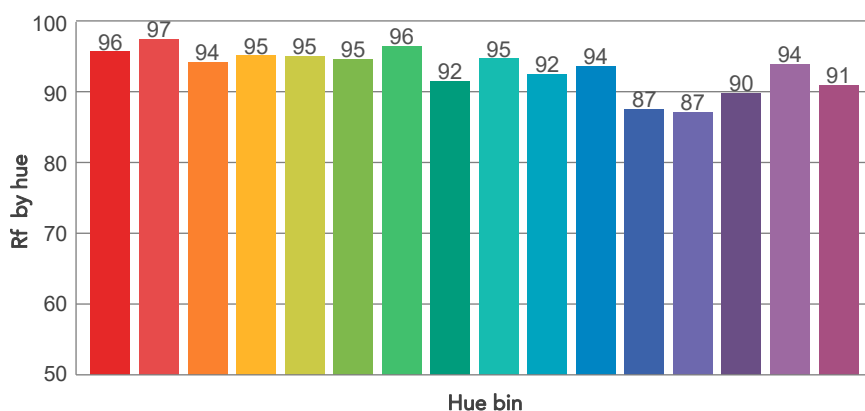
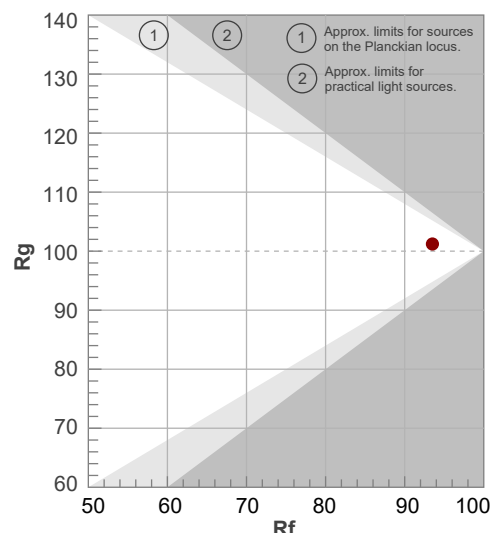
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2776 K	96,0	93,3	93,5	101,2	92,8	83	0,456	0,412	0,0010

TM30 DETAILS

Rf 93,5
Fidelity index Rf

Rg 101,2
Gammut index

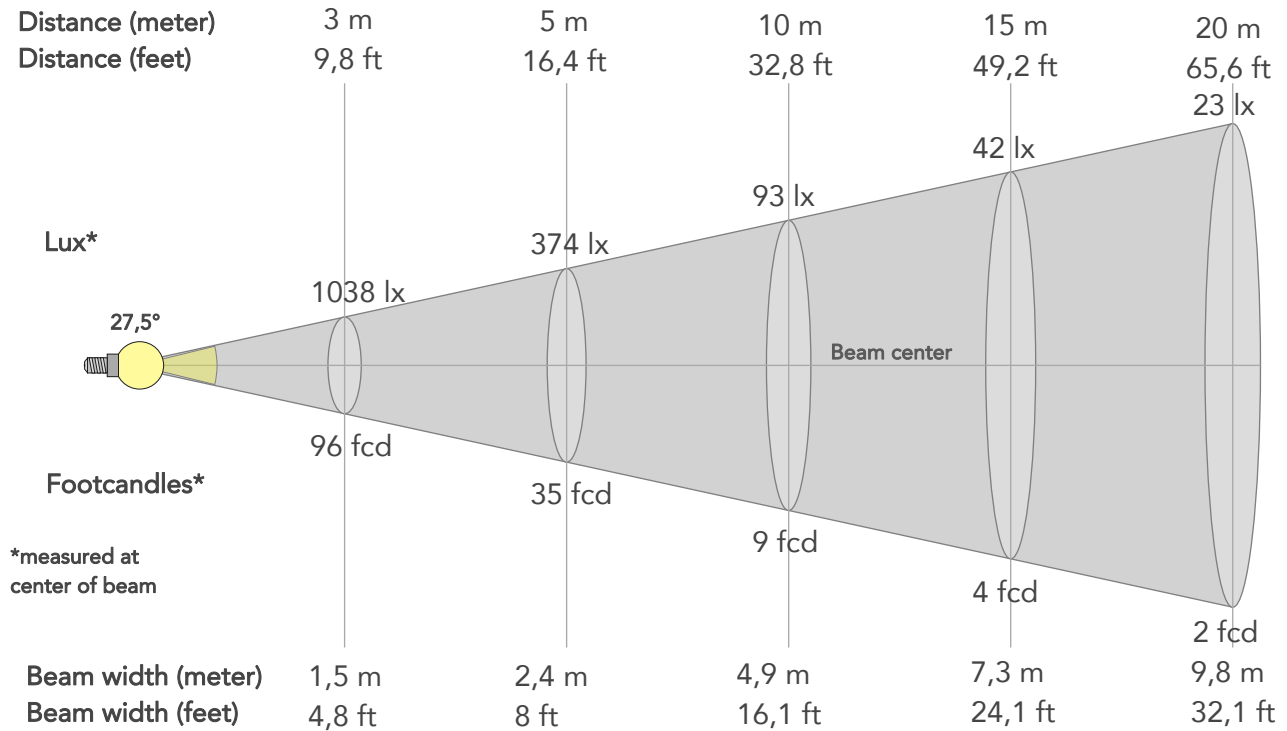
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	-1%	-1%
2	97	0%	0%
3	94	0%	-1%
4	95	-1%	-3%
5	95	-1%	1%
6	95	2%	3%
7	96	1%	1%
8	92	5%	1%
9	95	2%	-2%
10	92	2%	-4%
11	94	2%	-4%
12	87	3%	-7%
13	87	1%	-10%
14	90	1%	-9%
15	94	-2%	-3%
16	91	-2%	-7%



BEAM DETAILS



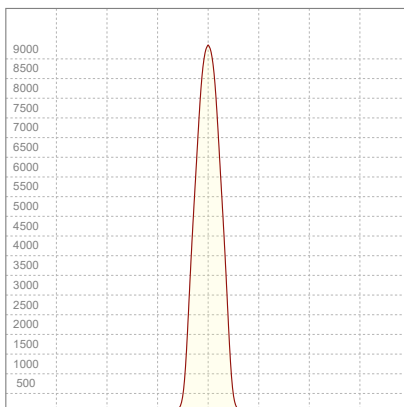
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,5°	41,6°	48,2°	99,1%	98,3%



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	9346lx	2337lx	1038lx	584lx	374lx	166lx	93lx	42lx	23lx	15lx	10lx	6lx	4lx
Footcand.	868fcd	217fcd	96fcd	54fcd	35fcd	15fcd	9fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1m	1,5m	2m	2,4m	3,7m	4,9m	7,3m	9,8m	12,2m	14,7m	19,6m	24,5m
Beam wid.	1,6ft	3,2ft	4,8ft	6,4ft	8ft	12,1ft	16,1ft	24,1ft	32,1ft	40,2ft	48,2ft	64,3ft	80,4ft

LINEAR DISTRIBUTION DIAGRAM

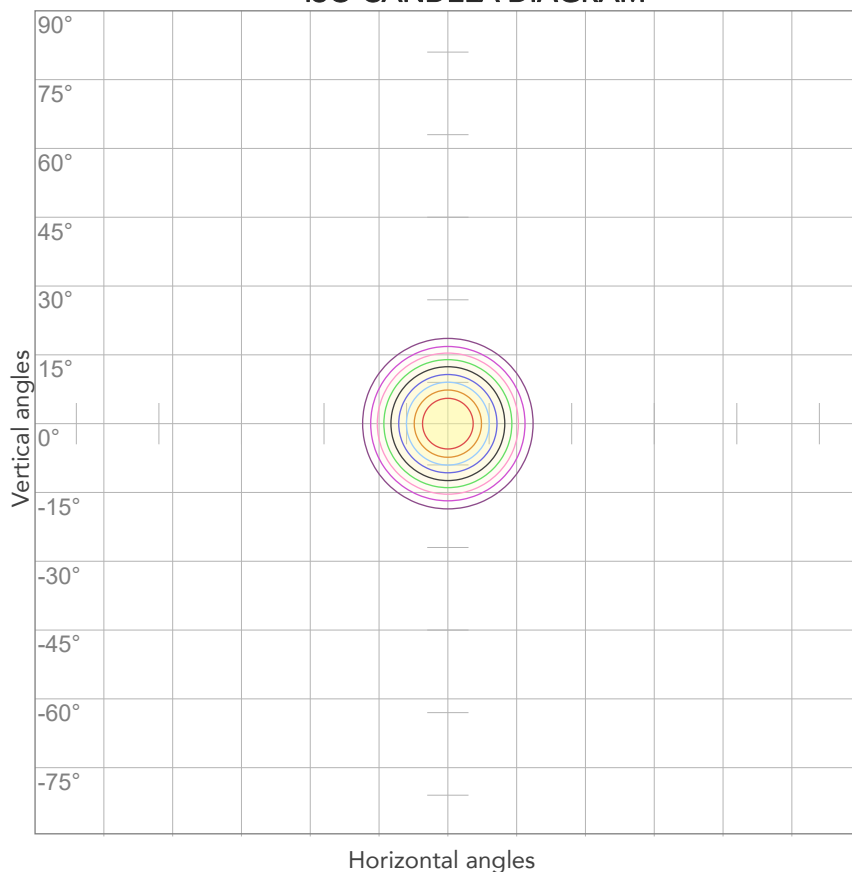


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,378A	83,0W	0,97	24lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



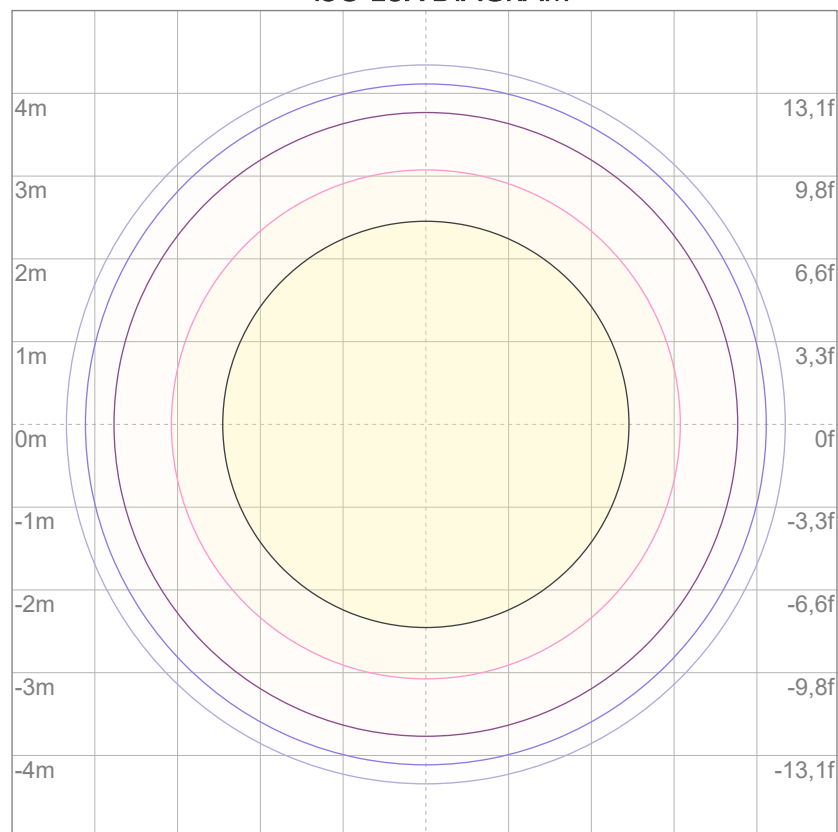
10%	935 cd
20%	1869 cd
30%	2804 cd
40%	3738 cd
50%	4673 cd
60%	5608 cd
70%	6542 cd
80%	7477 cd

Conditions:

Number of c-planes: 2

Candela at center: 9346 cd

ISO LUX DIAGRAM



3%	2,80 lx
5%	4,67 lx
10%	9,35 lx
30%	28,0 lx
50%	46,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 93,5 lx

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



Total lumen output:

1463 lm

Peak candela output:

38584 cd

Light quality:

CRI: 95,5

Color temperature:

2738 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

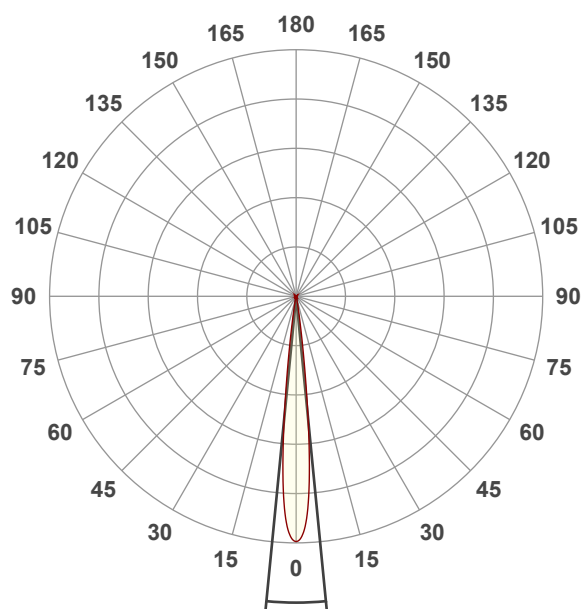
2800K

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 11:23:56

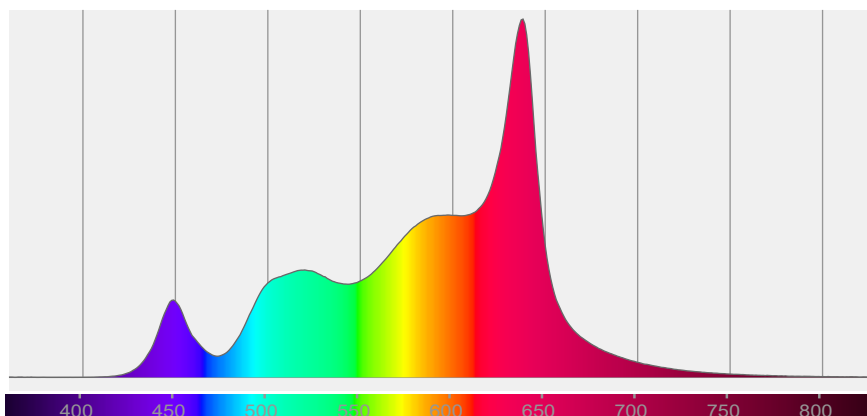


Beam angle 50%: 11,1°

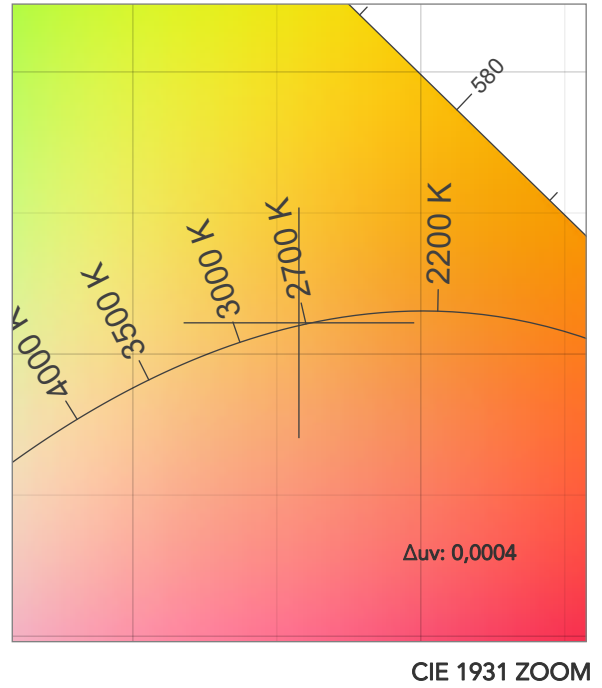
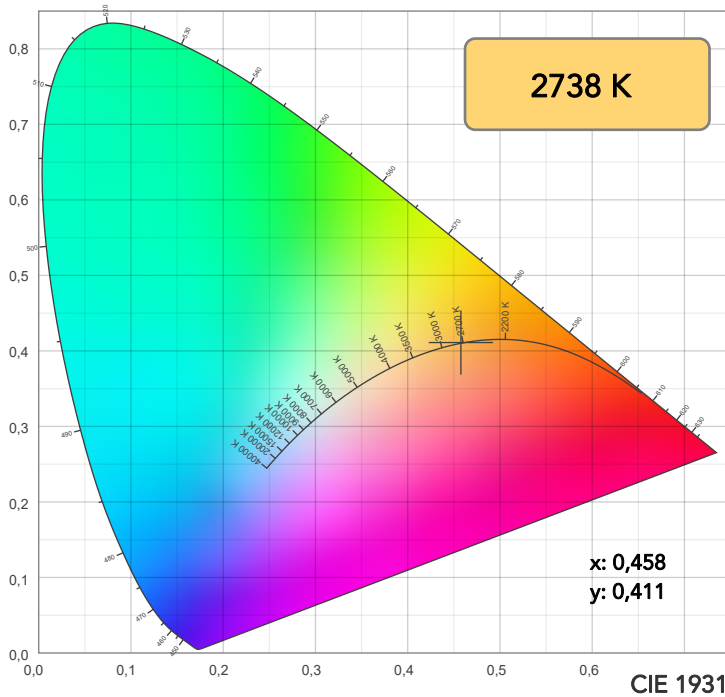
Field angle 10%: 17,3°

Cut off angle 2.5%: 21,8°

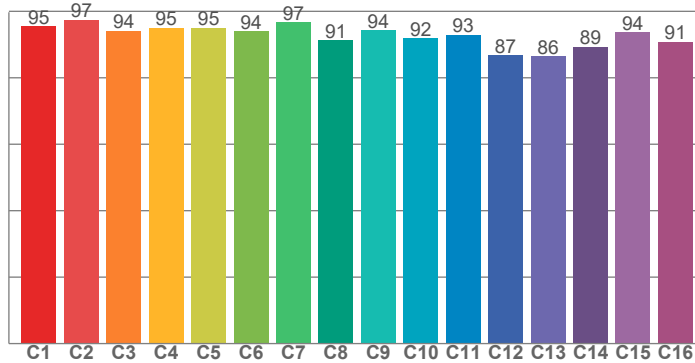
Spectra



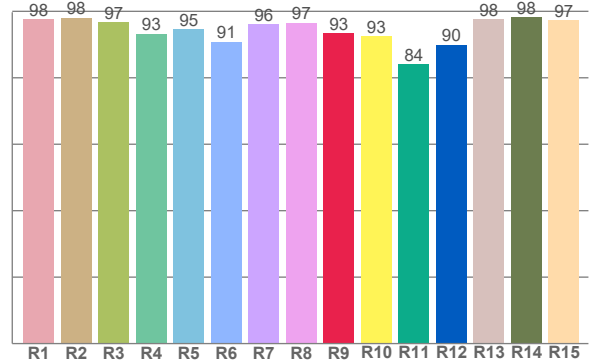
COLOR DETAILS



TM30: 93,3



CRI: 95,5 (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
97,7	98,1	96,8	93,3	94,6	90,9	96,1	96,6	93,3	92,5	84,0	90,0	97,7	98,2	97,3

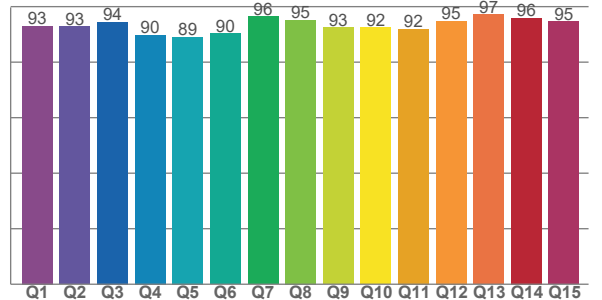
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,5	97,4	94,1	95,0	95,0	94,0	96,6	91,3	94,3	91,9	92,9	86,8	86,5	89,4	93,7	90,9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,1	92,8	94,5	89,8	89,0	90,3	96,4	95,2	92,5	92,5	92,0	94,9	97,1	95,9	94,6

CQS: 92,8



COLOR PARAMETERS

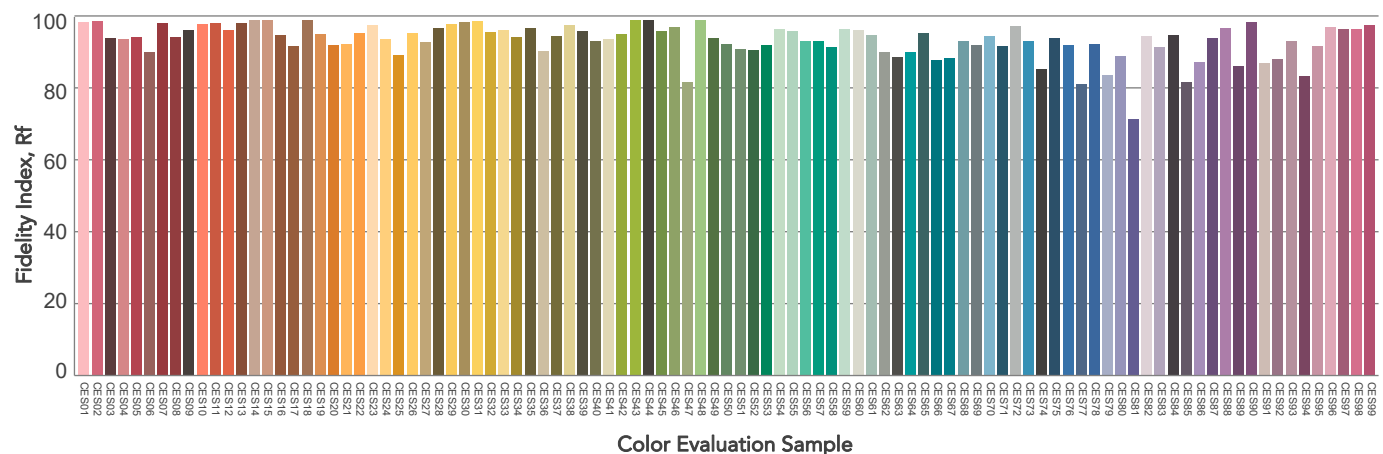
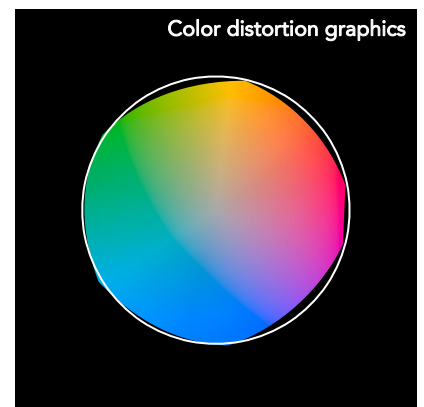
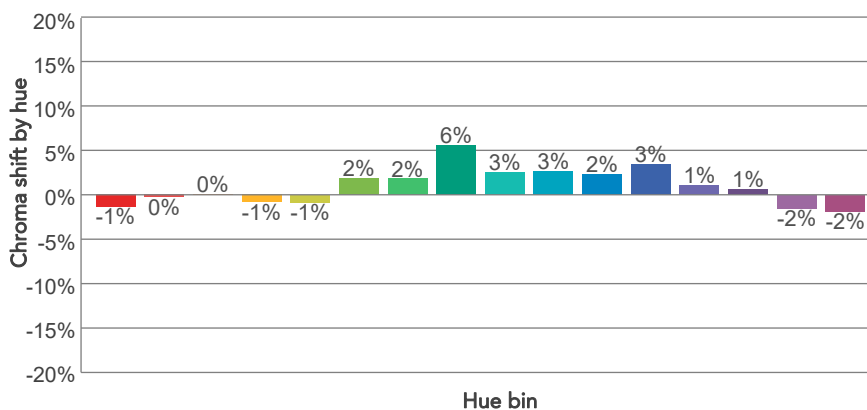
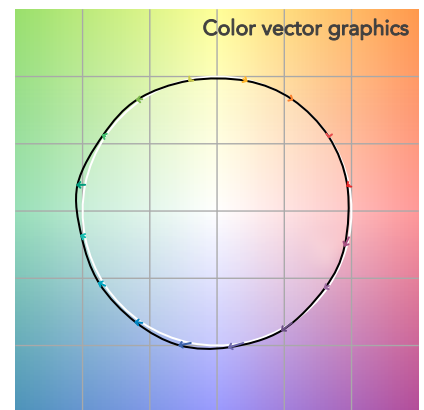
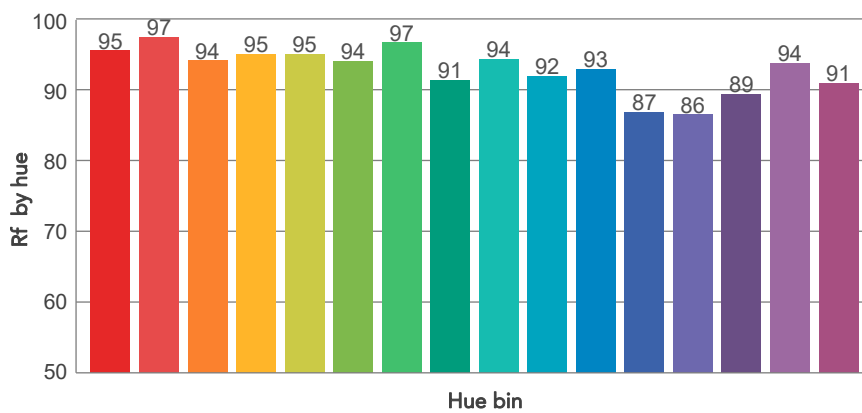
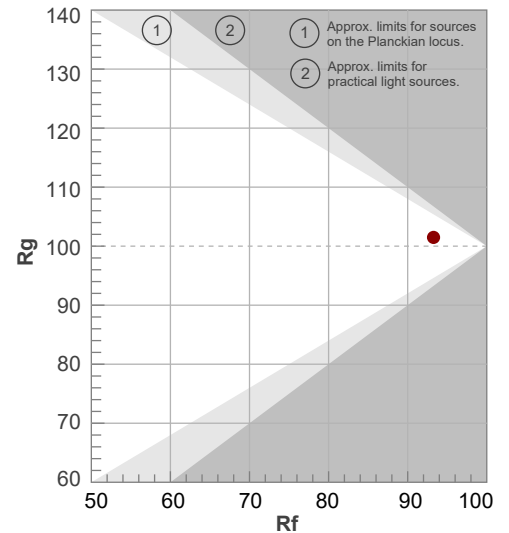
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2738 K	95,5	93,3	93,3	101,5	92,8	82	0,458	0,411	0,0004

TM30 DETAILS

Rf 93,3
Fidelity index Rf

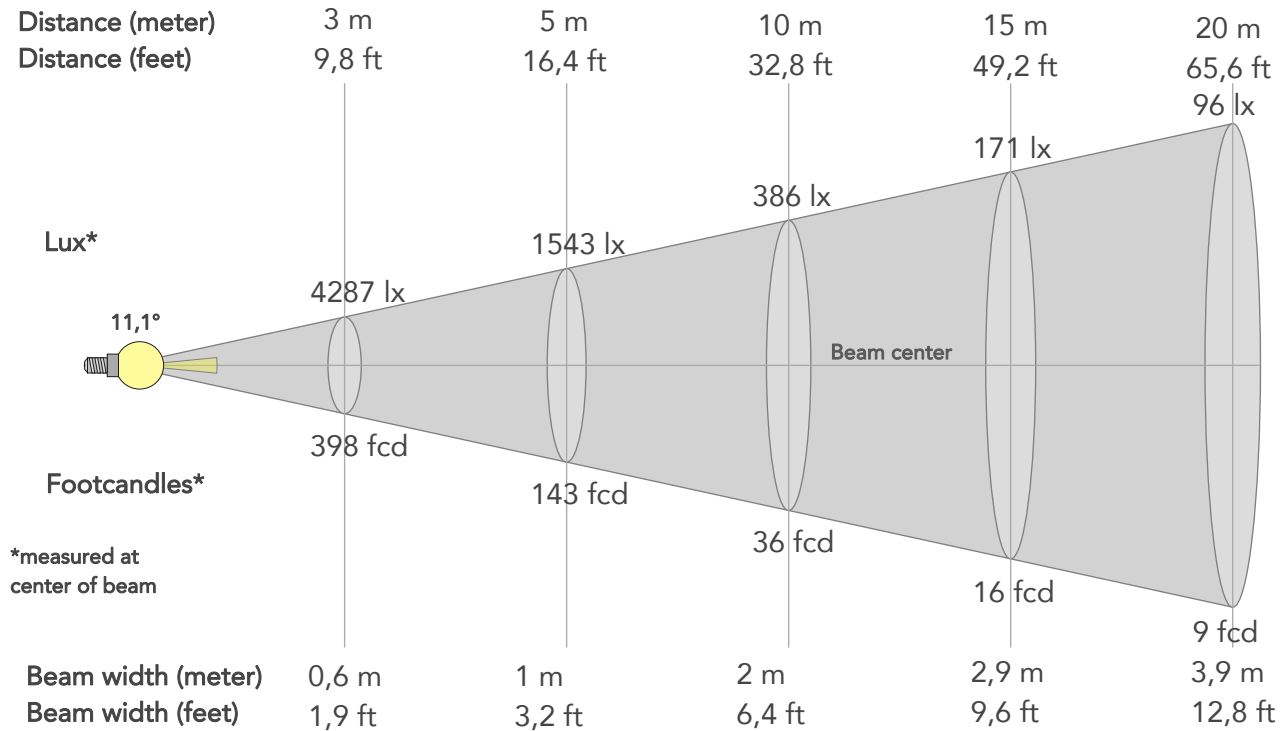
Rg 101,5
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	-1%
2	97	0%	0%
3	94	0%	0%
4	95	-1%	-3%
5	95	-1%	1%
6	94	2%	3%
7	97	2%	0%
8	91	6%	1%
9	94	3%	-2%
10	92	3%	-4%
11	93	2%	-4%
12	87	3%	-8%
13	86	1%	-11%
14	89	1%	-9%
15	94	-2%	-3%
16	91	-2%	-7%



BEAM DETAILS

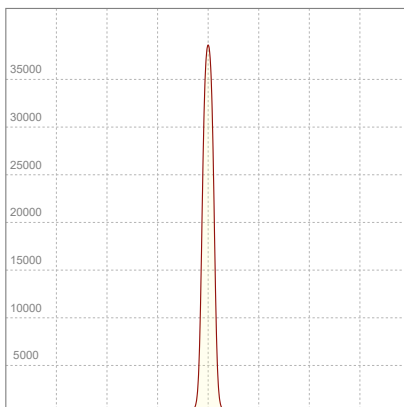
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,1°	17,3°	21,8°	100,0%	99,8%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	38584lx	9646lx	4287lx	2411lx	1543lx	686lx	386lx	171lx	96lx	62lx	43lx	24lx	15lx
Footcand.	3585fcd	896fcd	398fcd	224fcd	143fcd	64fcd	36fcd	16fcd	9fcd	6fcd	4fcd	2fcd	1fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	2,9m	3,9m	4,9m	5,9m	7,8m	9,8m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,6ft	12,8ft	16ft	19,2ft	25,6ft	32ft

LINEAR DISTRIBUTION DIAGRAM

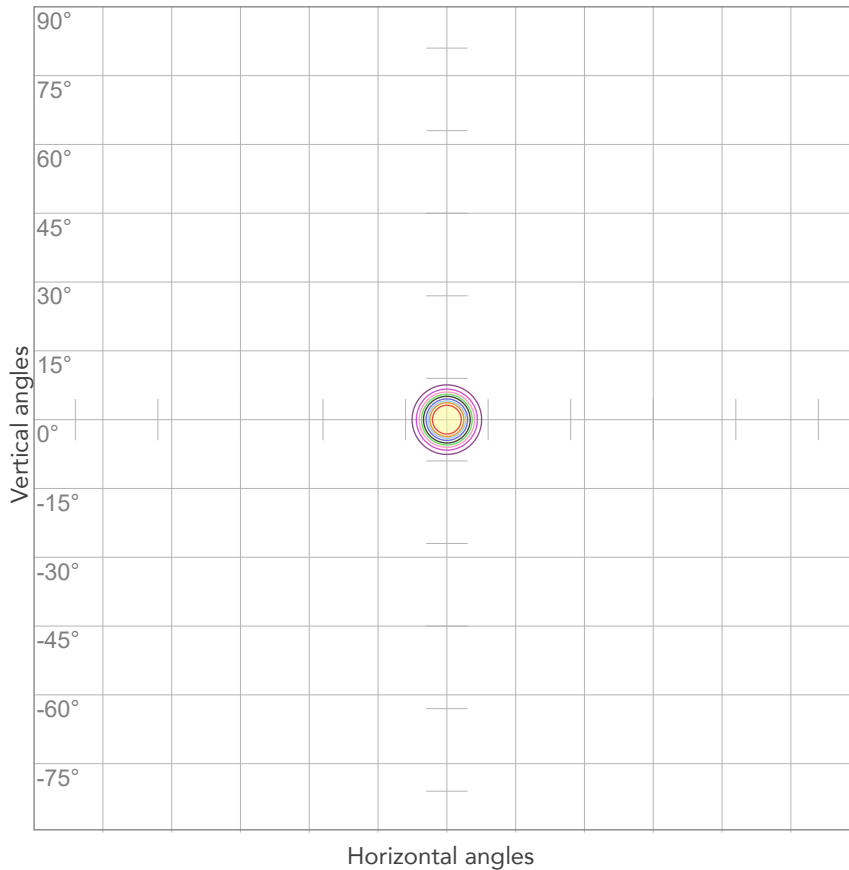


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
225V	0,378A	81,8W	0,96	18lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



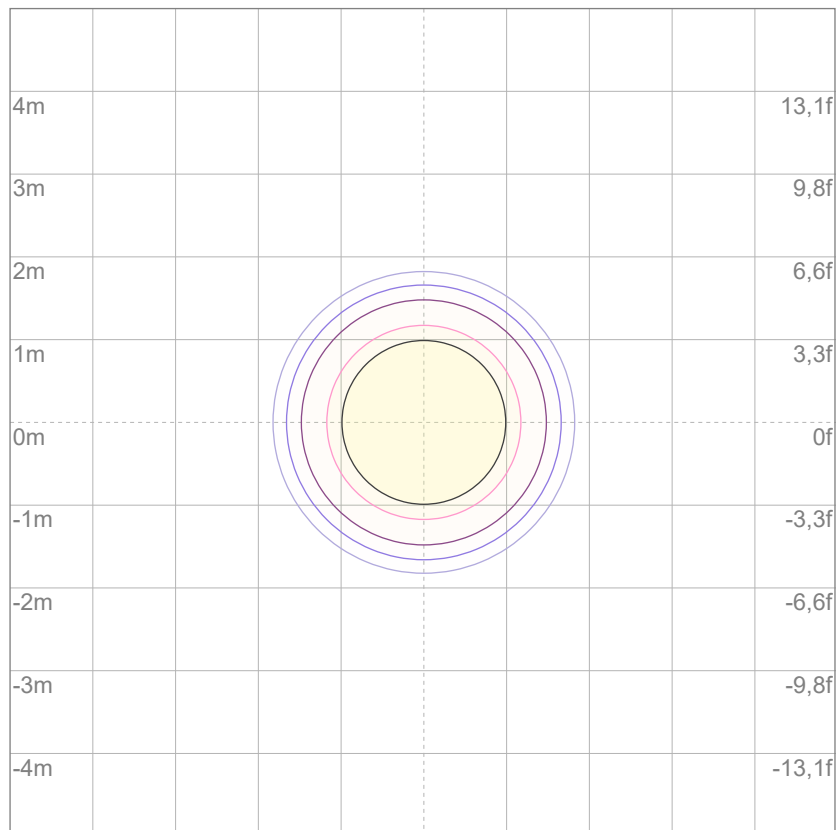
10%	3858 cd
20%	7717 cd
30%	11575 cd
40%	15433 cd
50%	19292 cd
60%	23150 cd
70%	27009 cd
80%	30867 cd

Conditions:

Number of c-planes: 2

Candela at center: 38584 cd

ISO LUX DIAGRAM



3%	11,6 lx
5%	19,3 lx
10%	38,6 lx
30%	116 lx
50%	193 lx

Conditions:

Number of c-planes: 2

Lux at center: 386 lx

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



Total lumen output:

2339 lm

Peak candela output:

3594 cd

Light quality:

CRI: 97,7

Color temperature:

3149 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

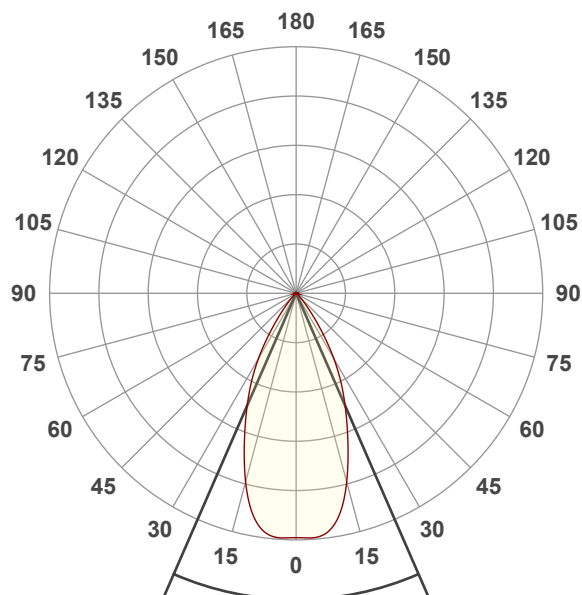
3200K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:35:42

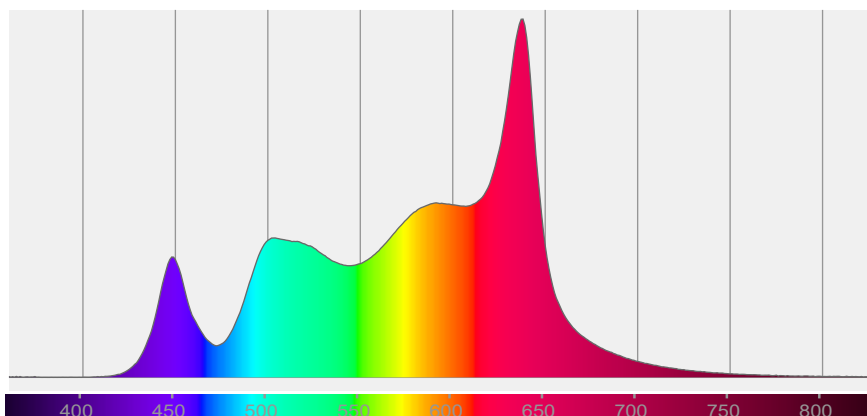


Beam angle 50%: 47,1°

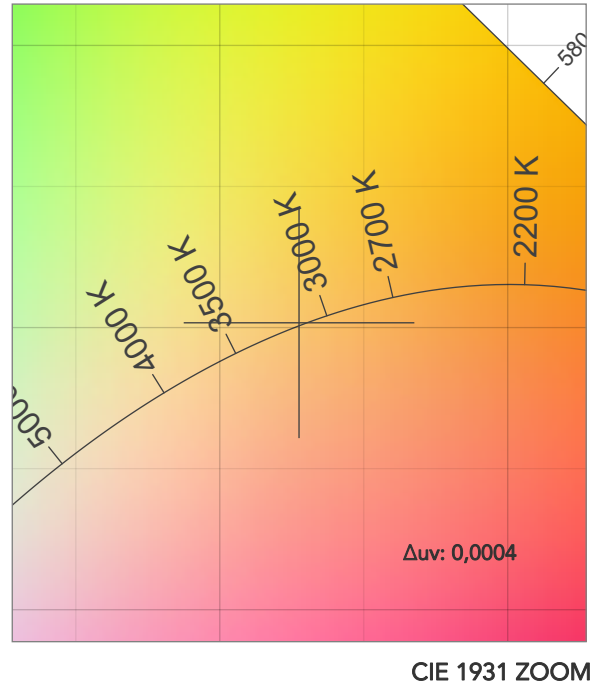
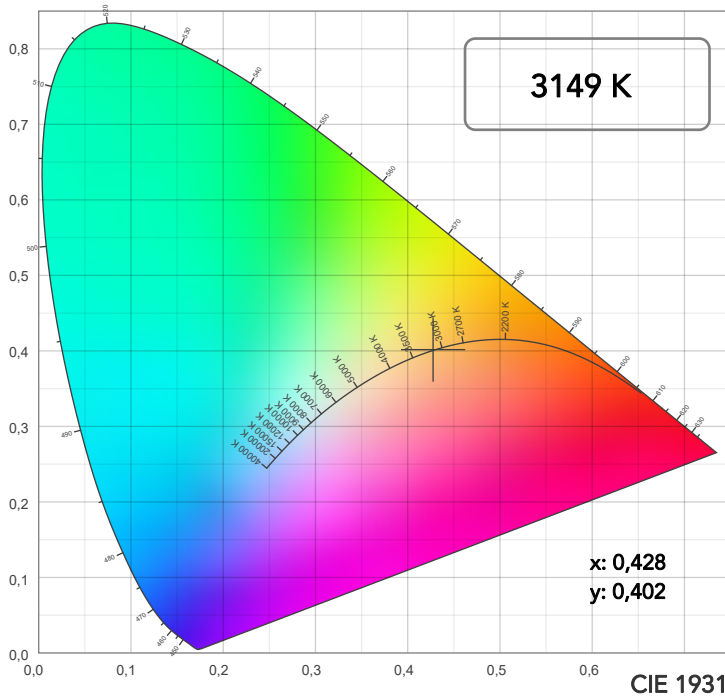
Field angle 10%: 75,1°

Cut off angle 2.5%: 89,5°

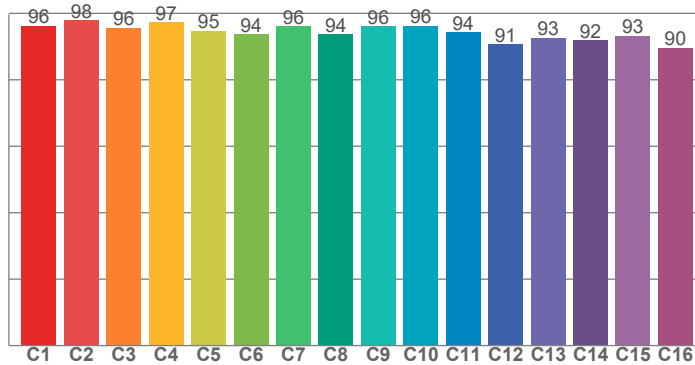
Spectra



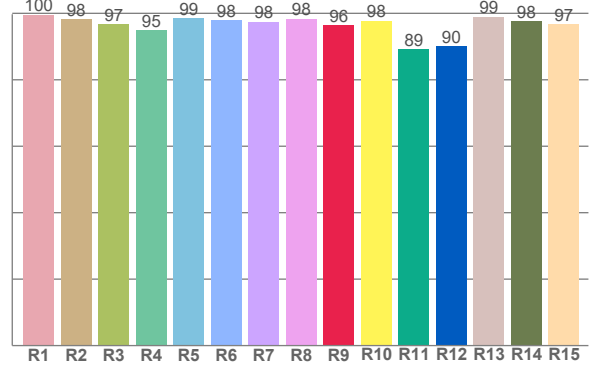
COLOR DETAILS



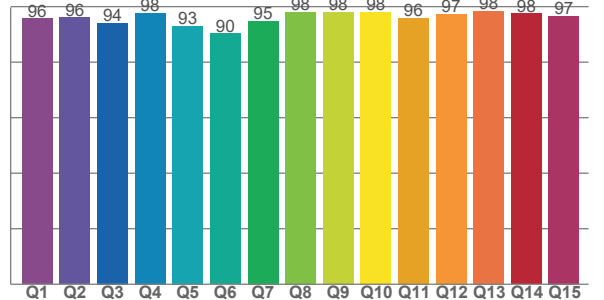
TM30: 94,8



CRI: 97,7 (R1-R8)



CQS: 95,3



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
99,6	98,2	96,9	94,9	98,6	97,9	97,5	98,4	96,5	97,8	89,1	90,2	99,0	97,6	96,9

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
96,2	97,8	95,6	97,3	94,8	93,7	96,0	93,8	96,1	96,2	94,3	90,7	92,6	91,9	93,3	89,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,8	96,1	94,1	97,7	93,1	90,3	94,8	98,1	98,1	98,1	95,9	97,4	98,4	97,6	96,7

COLOR PARAMETERS

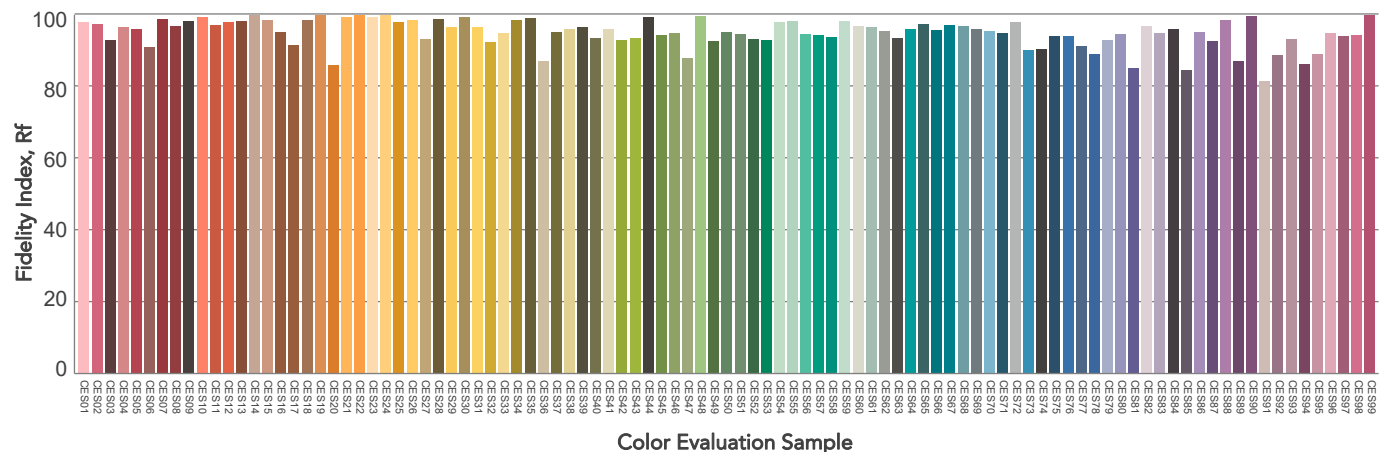
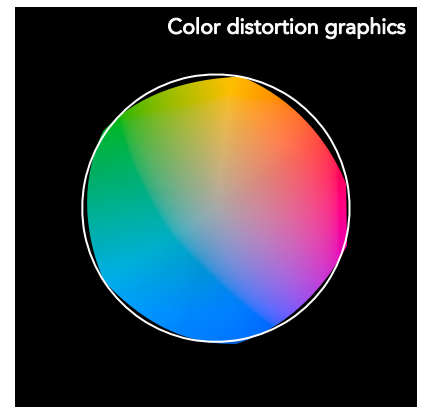
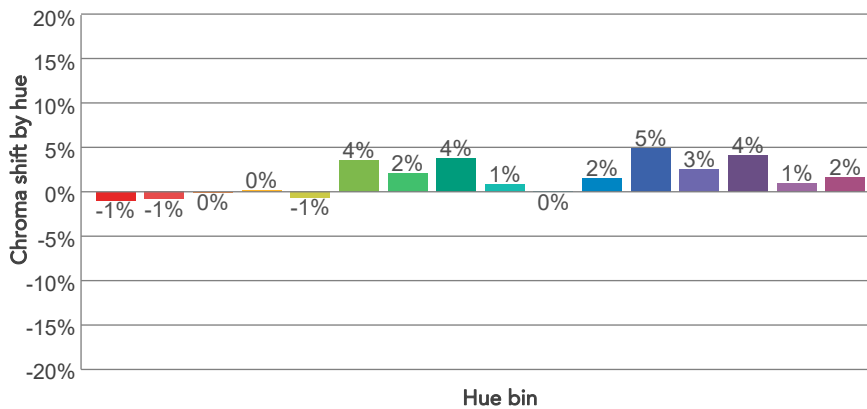
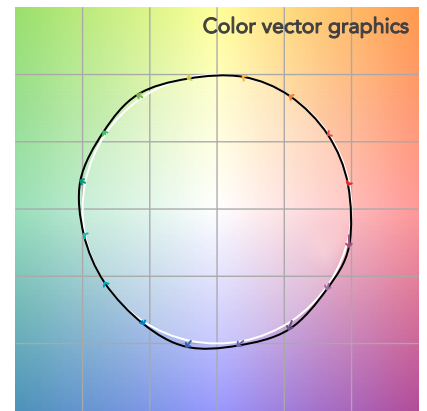
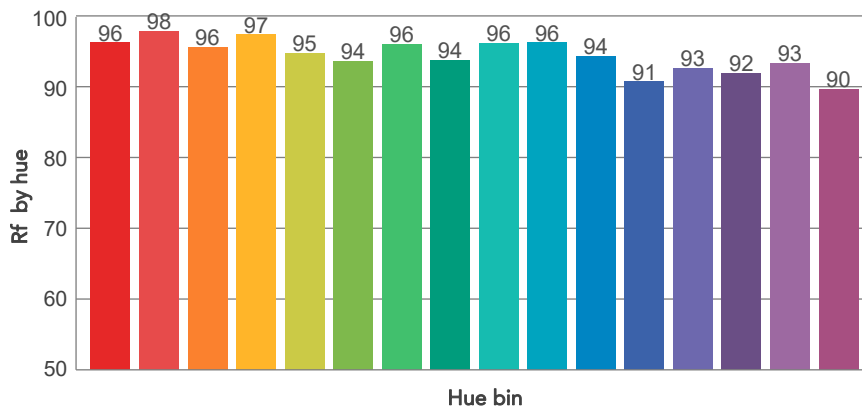
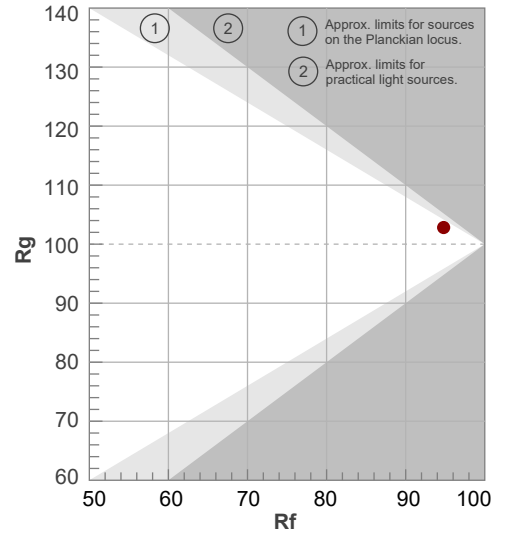
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3149 K	97,7	96,5	94,8	102,8	95,3	89	0,431	0,404	0,0009

TM30 DETAILS

Rf 94,8
Fidelity index Rf

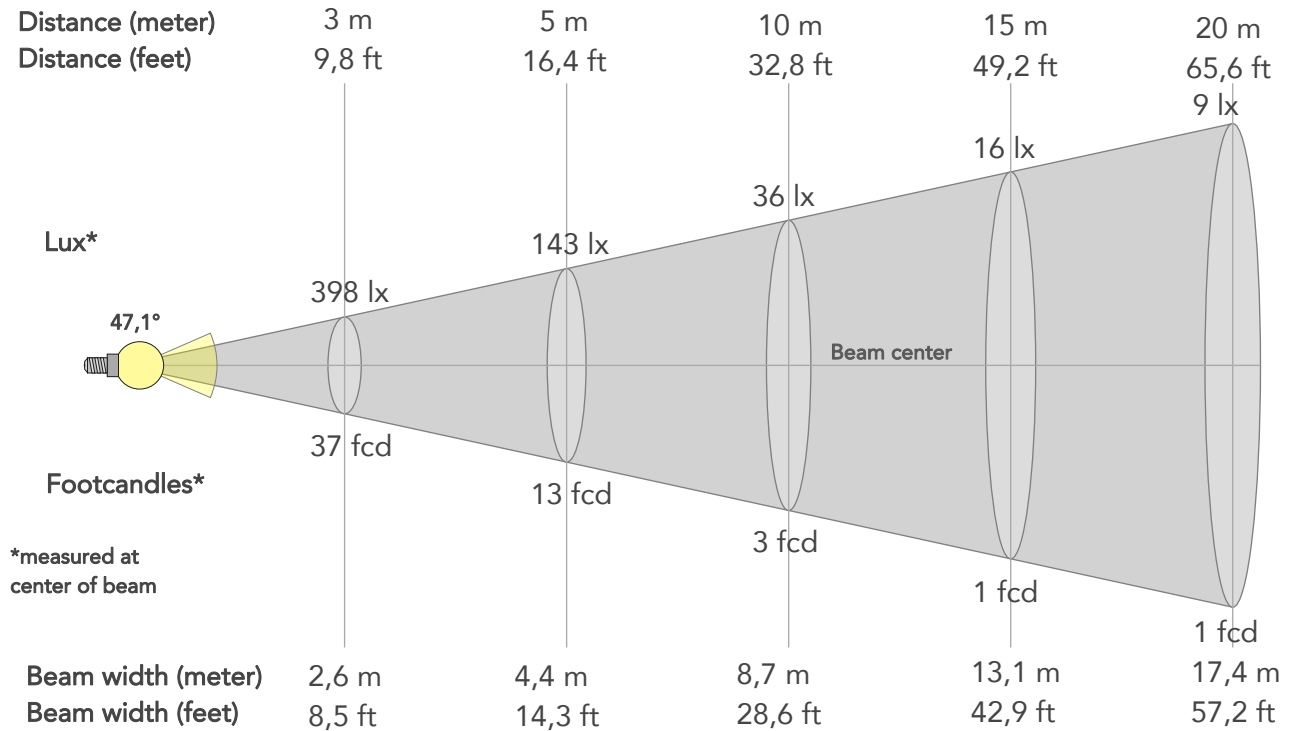
Rg 102,8
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	-1%	-1%
2	98	-1%	0%
3	96	0%	2%
4	97	0%	0%
5	95	-1%	2%
6	94	4%	2%
7	96	2%	-1%
8	94	4%	-1%
9	96	1%	-1%
10	96	0%	-1%
11	94	2%	2%
12	91	5%	-2%
13	93	3%	-5%
14	92	4%	-5%
15	93	1%	-4%
16	90	2%	-8%



BEAM DETAILS

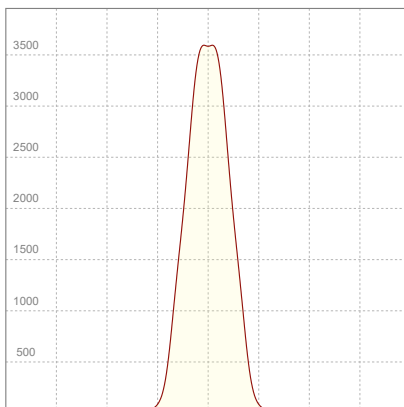
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,1°	75,1°	89,5°	99,6%	97,8%



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	3585lx	896lx	398lx	224lx	143lx	64lx	36lx	16lx	9lx	6lx	4lx	2lx	1lx
Footcand.	333fcd	83fcd	37fcd	21fcd	13fcd	6fcd	3fcd	1fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,4m	6,5m	8,7m	13,1m	17,4m	21,8m	26,2m	34,9m	43,6m
Beam wid.	2,9ft	5,8ft	8,5ft	11,4ft	14,3ft	21,4ft	28,6ft	42,9ft	57,2ft	71,5ft	85,8ft	114,4ft	143ft

LINEAR DISTRIBUTION DIAGRAM

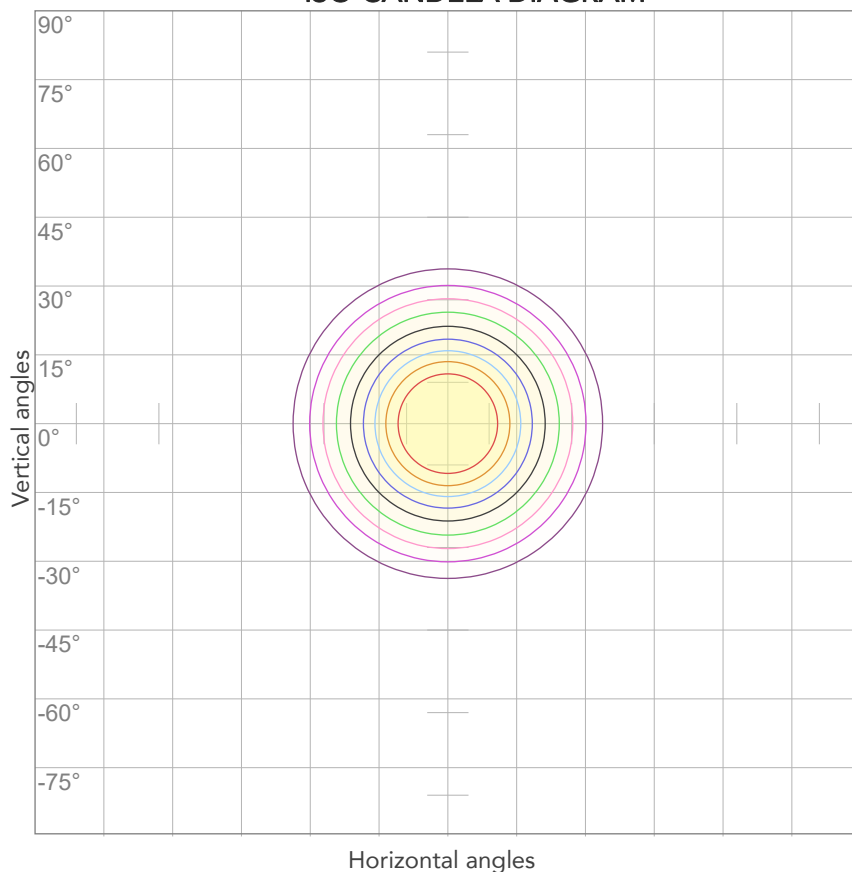


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,410A	90,4W	0,97	26lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



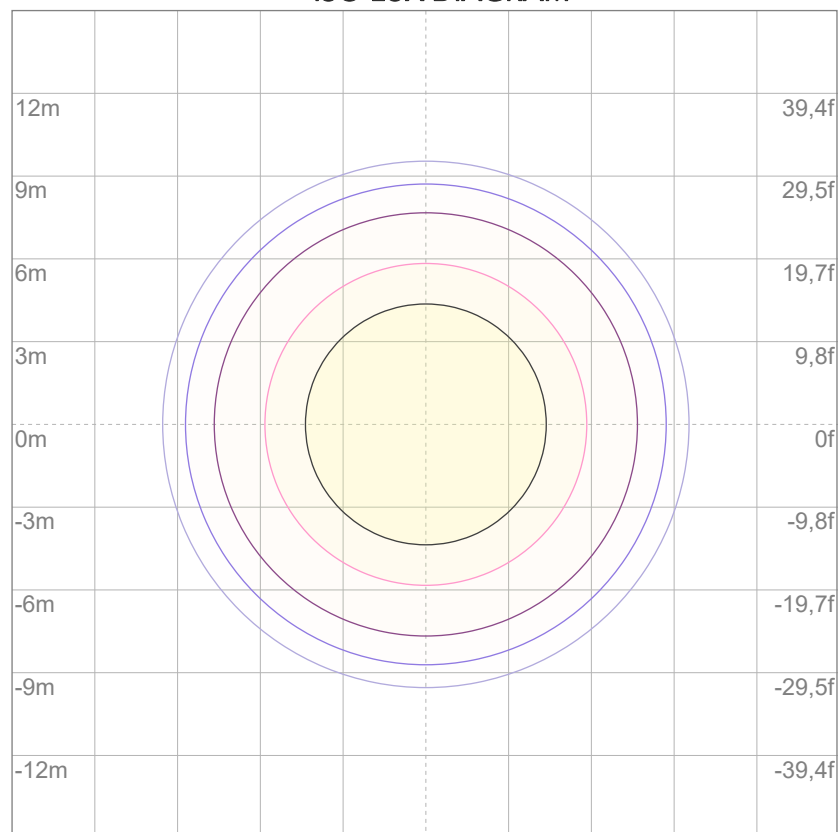
10%	358 cd
20%	717 cd
30%	1075 cd
40%	1434 cd
50%	1792 cd
60%	2151 cd
70%	2509 cd
80%	2868 cd

Conditions:

Number of c-planes: 2

Candela at center: 3585 cd

ISO LUX DIAGRAM



3%	1,08 lx
5%	1,79 lx
10%	3,58 lx
30%	10,8 lx
50%	17,9 lx

Conditions:

Number of c-planes: 2

Lux at center: 35,8 lx

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



Total lumen output:

2196 lm

Peak candela output:

10315 cd

Light quality:

CRI: 94,9

Color temperature:

3184 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

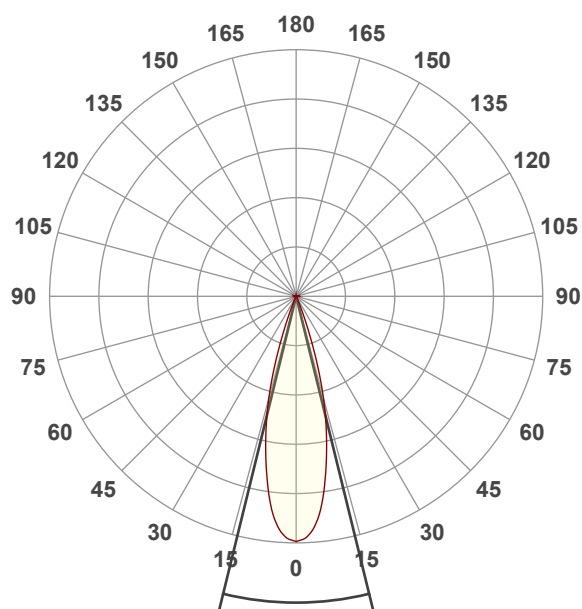
3200K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 17:21:19

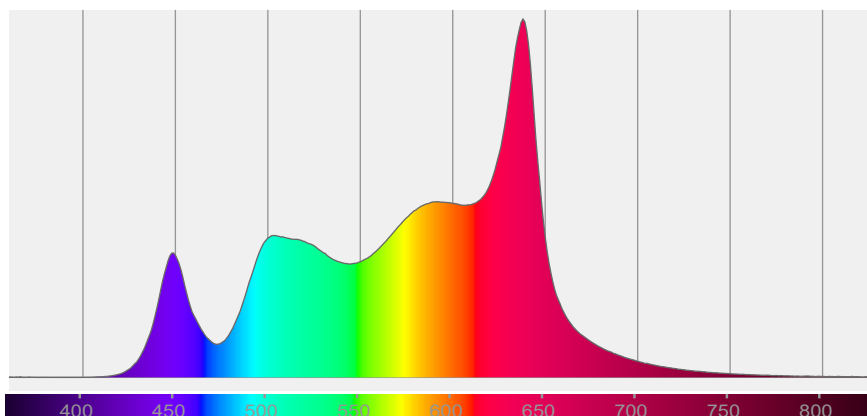


Beam angle 50%: 27,6°

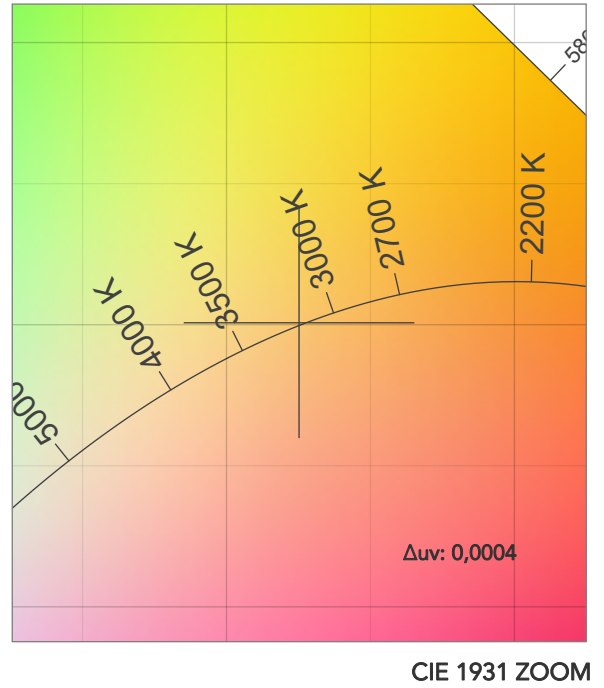
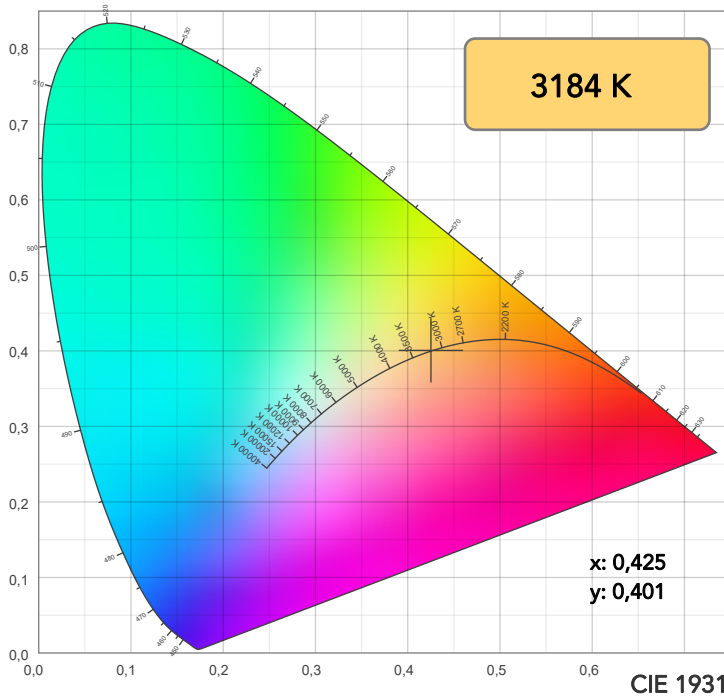
Field angle 10%: 41,6°

Cut off angle 2.5%: 48,2°

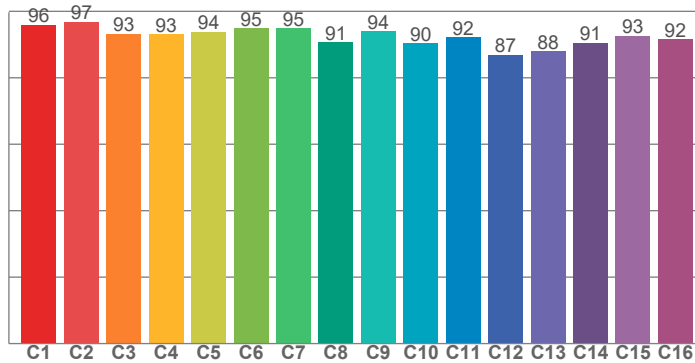
Spectra



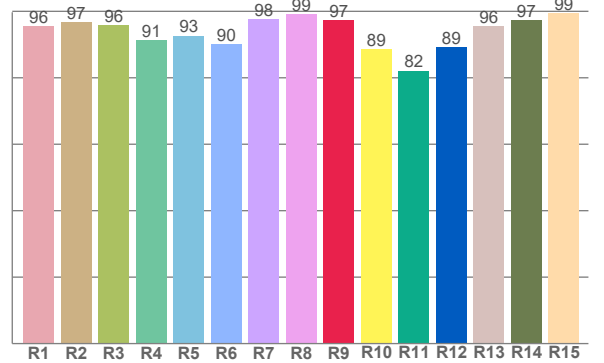
COLOR DETAILS



TM30: 93,0



CRI: 94,9 (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
95,5	96,7	95,7	91,4	92,6	90,0	97,7	99,1	97,3	88,7	82,1	89,2	95,6	97,4	99,3

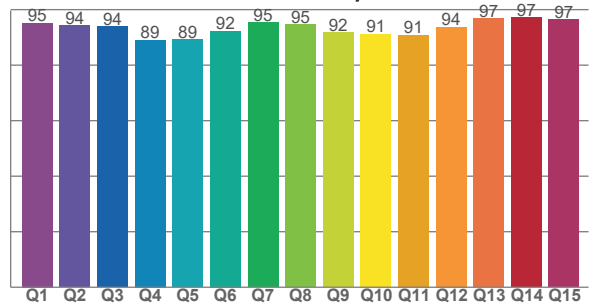
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,0	96,8	93,2	93,0	93,9	94,8	94,8	90,7	94,0	90,4	92,3	87,0	88,0	90,5	92,7	91,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,2	94,3	94,0	89,1	89,3	92,3	95,4	94,6	91,7	91,3	90,8	93,8	96,8	97,1	96,5

CQS: 92,9



COLOR PARAMETERS

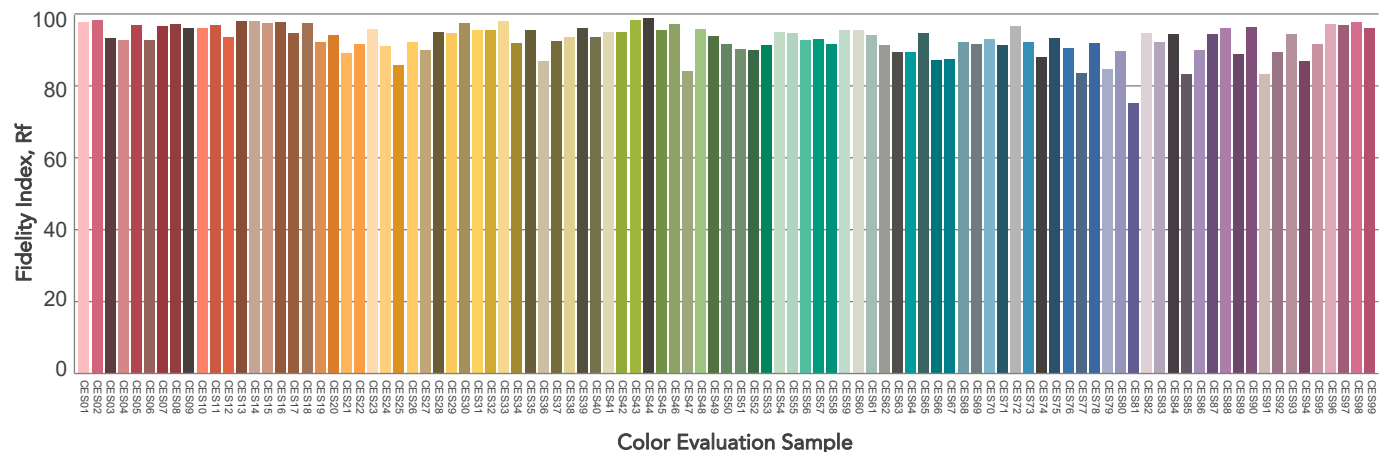
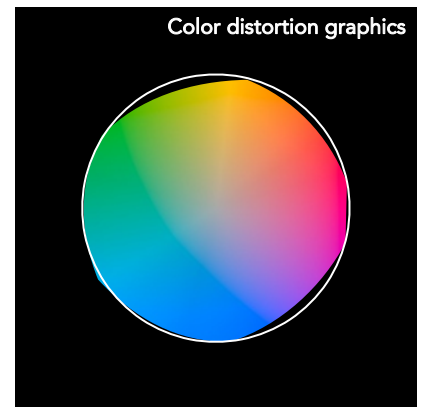
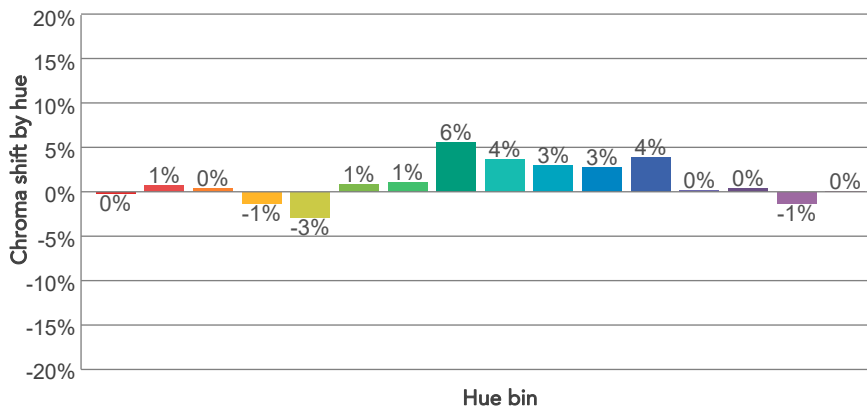
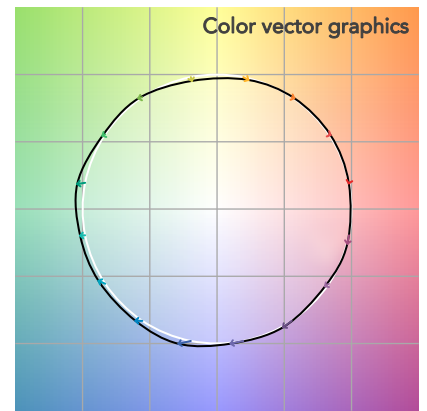
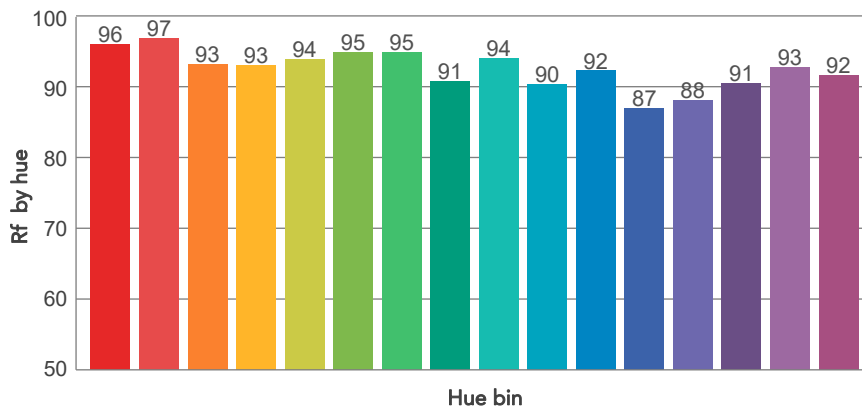
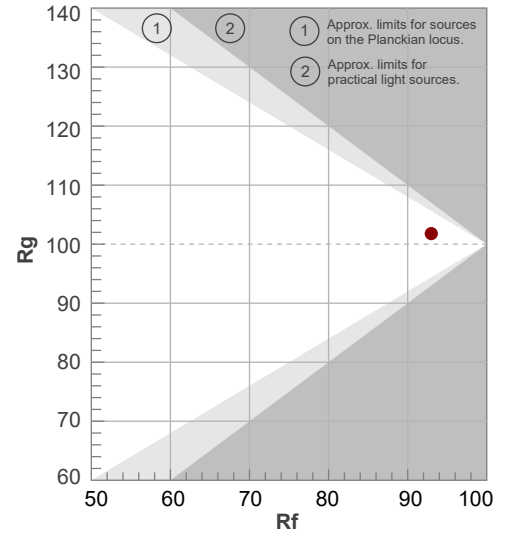
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3184 K	94,9	97,3	93,0	101,8	92,9	84	0,425	0,401	0,0004

TM30 DETAILS

Rf 93,0
Fidelity index Rf

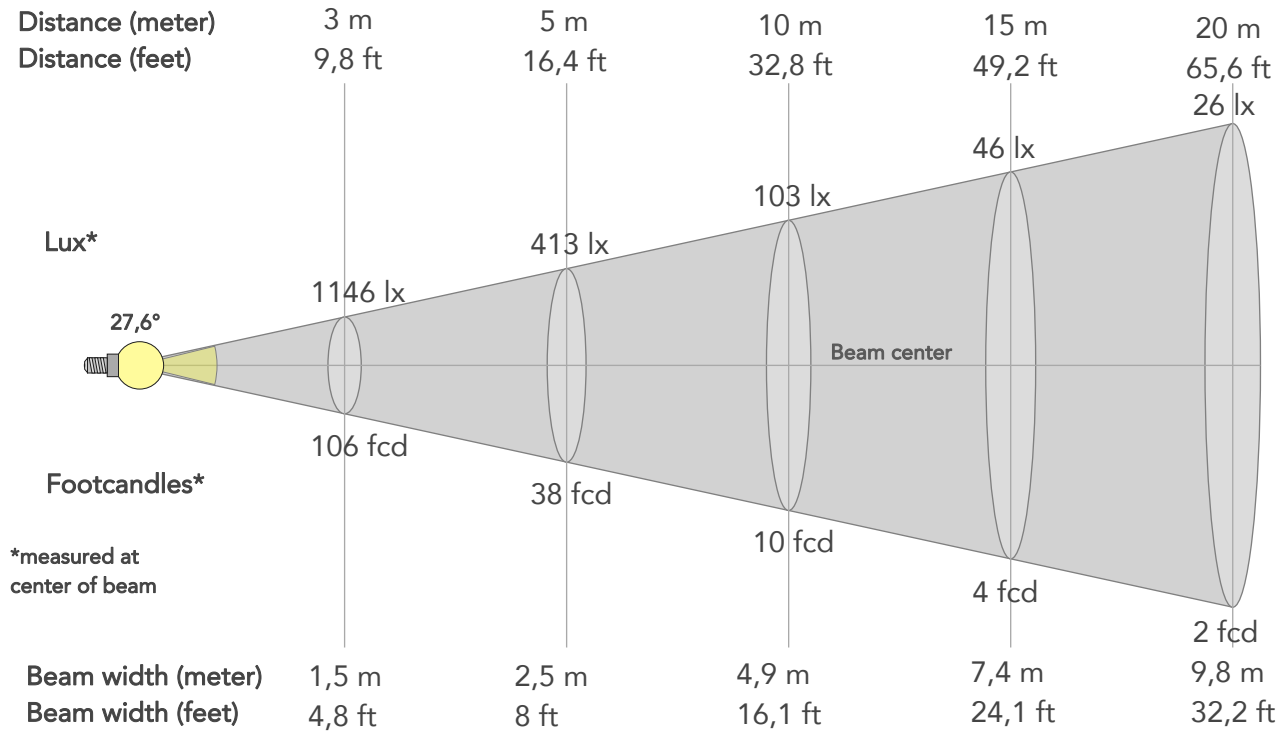
Rg 101,8
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	0%
2	97	1%	-1%
3	93	0%	-2%
4	93	-1%	-4%
5	94	-3%	0%
6	95	1%	3%
7	95	1%	2%
8	91	6%	2%
9	94	4%	0%
10	90	3%	-5%
11	92	3%	-4%
12	87	4%	-9%
13	88	0%	-10%
14	91	0%	-8%
15	93	-1%	-3%
16	92	0%	-6%



BEAM DETAILS

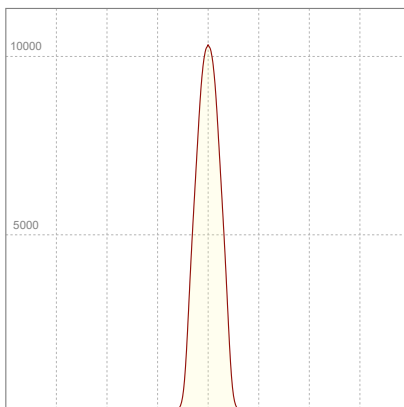
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,6°	41,6°	48,2°	99,2%	98,4%



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	10315lx	2579lx	1146lx	645lx	413lx	183lx	103lx	46lx	26lx	17lx	11lx	6lx	4lx
Footcand.	958fcd	240fcd	106fcd	60fcd	38fcd	17fcd	10fcd	4fcd	2fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1m	1,5m	2m	2,5m	3,7m	4,9m	7,4m	9,8m	12,3m	14,7m	19,6m	24,5m
Beam wid.	1,6ft	3,2ft	4,8ft	6,4ft	8ft	12,1ft	16,1ft	24,1ft	32,2ft	40,2ft	48,3ft	64,4ft	80,5ft

LINEAR DISTRIBUTION DIAGRAM

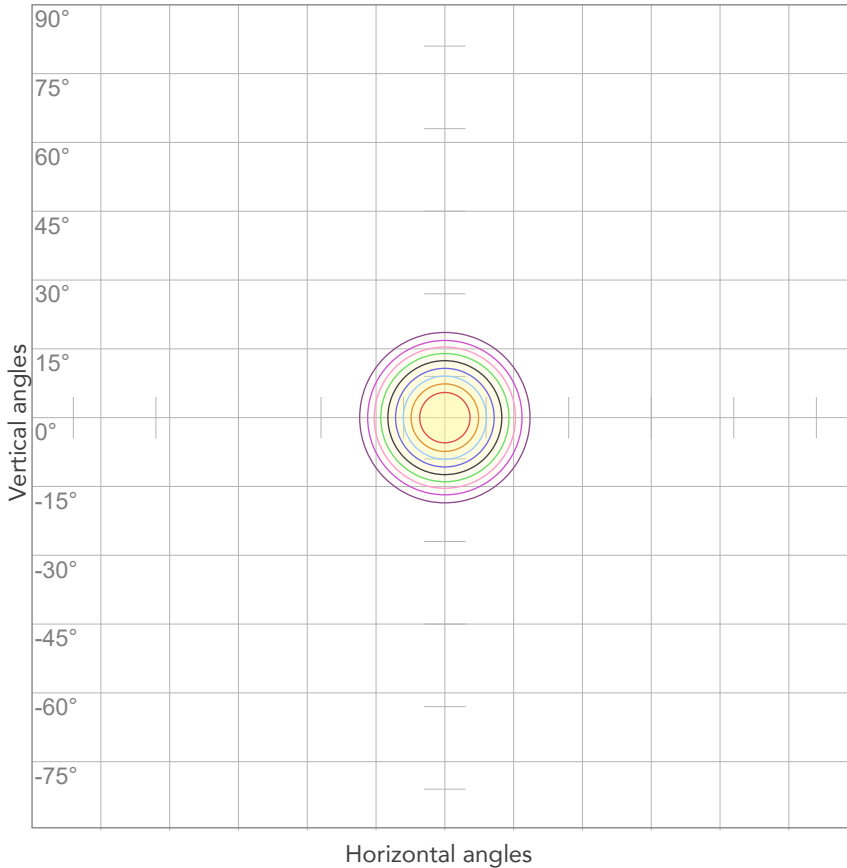


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,409A	90,0W	0,97	24lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



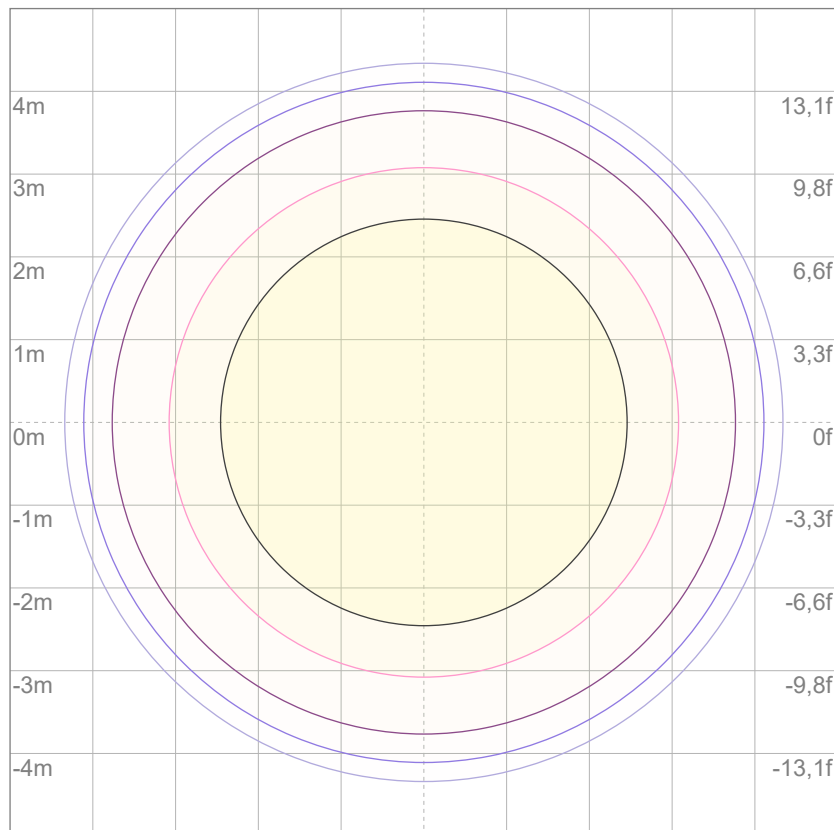
10%	1031 cd
20%	2063 cd
30%	3094 cd
40%	4126 cd
50%	5157 cd
60%	6189 cd
70%	7220 cd
80%	8252 cd

Conditions:

Number of c-planes: 2

Candela at center: 10315 cd

ISO LUX DIAGRAM



3%	3,09 lx
5%	5,16 lx
10%	10,3 lx
30%	30,9 lx
50%	51,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 103 lx

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



Total lumen output:

1611 lm

Peak candela output:

42355 cd

Light quality:

CRI: 94,9

Color temperature:

3159 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

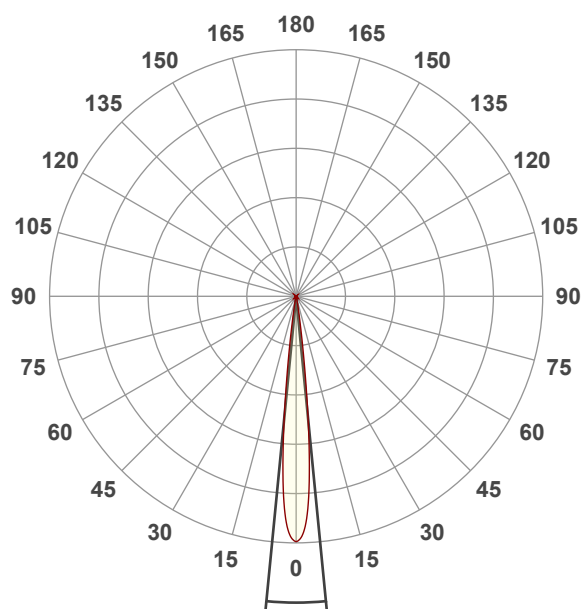
3200K

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 11:31:59

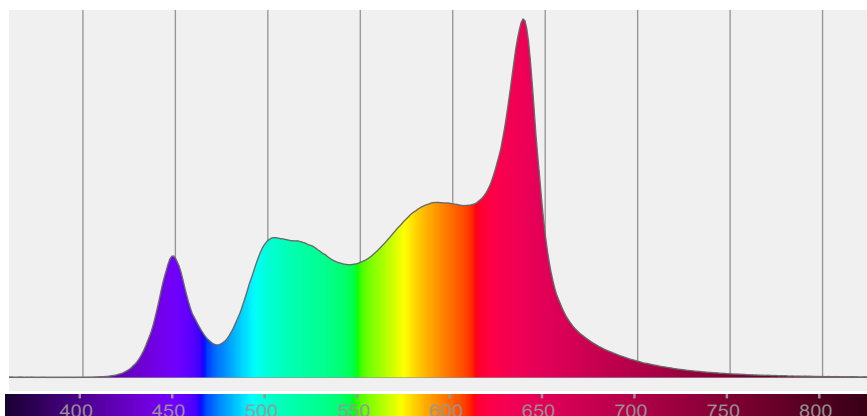


Beam angle 50%: 11,2°

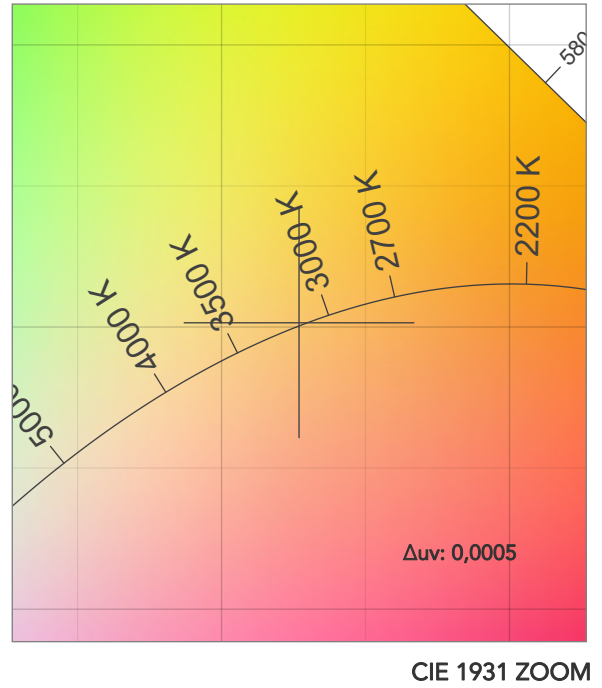
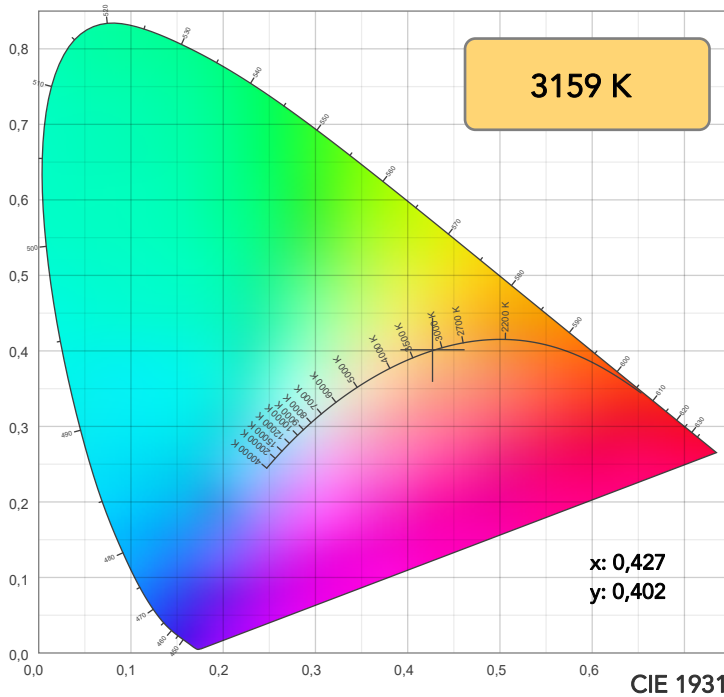
Field angle 10%: 17,3°

Cut off angle 2.5%: 21,8°

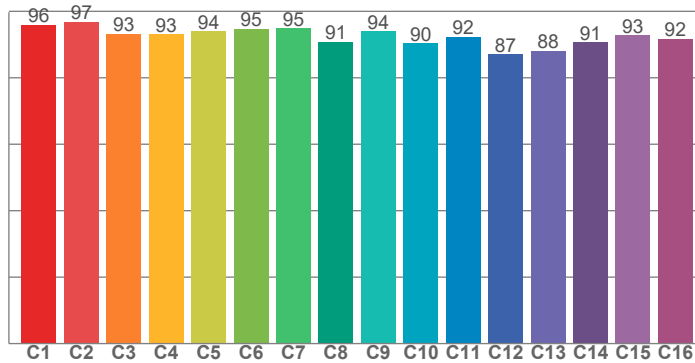
Spectra



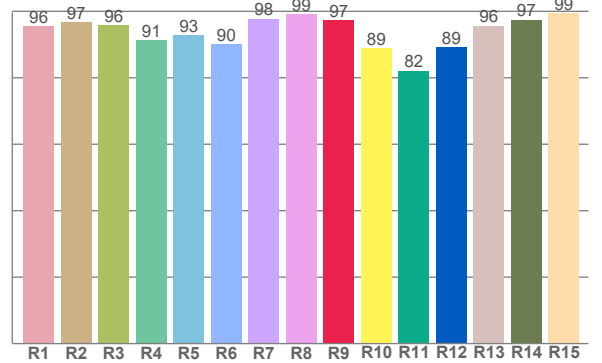
COLOR DETAILS



TM30: 93,0



CRI: 94,9 (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
95,6	96,8	95,9	91,4	92,7	90,2	97,8	99,1	97,2	88,9	82,2	89,3	95,7	97,5	99,4

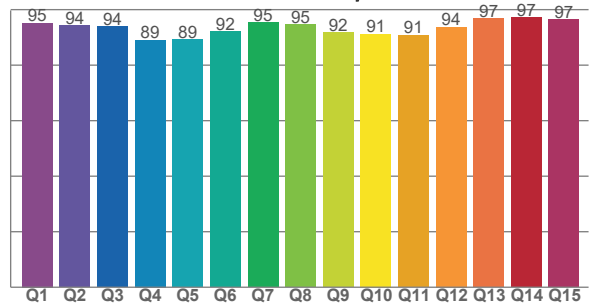
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,0	96,8	93,2	93,1	93,9	94,8	94,9	90,8	94,0	90,4	92,3	87,0	88,1	90,6	92,8	91,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,2	94,2	94,0	89,1	89,3	92,2	95,4	94,6	91,7	91,2	90,8	93,8	96,7	97,1	96,5

CQS: 92,9



COLOR PARAMETERS

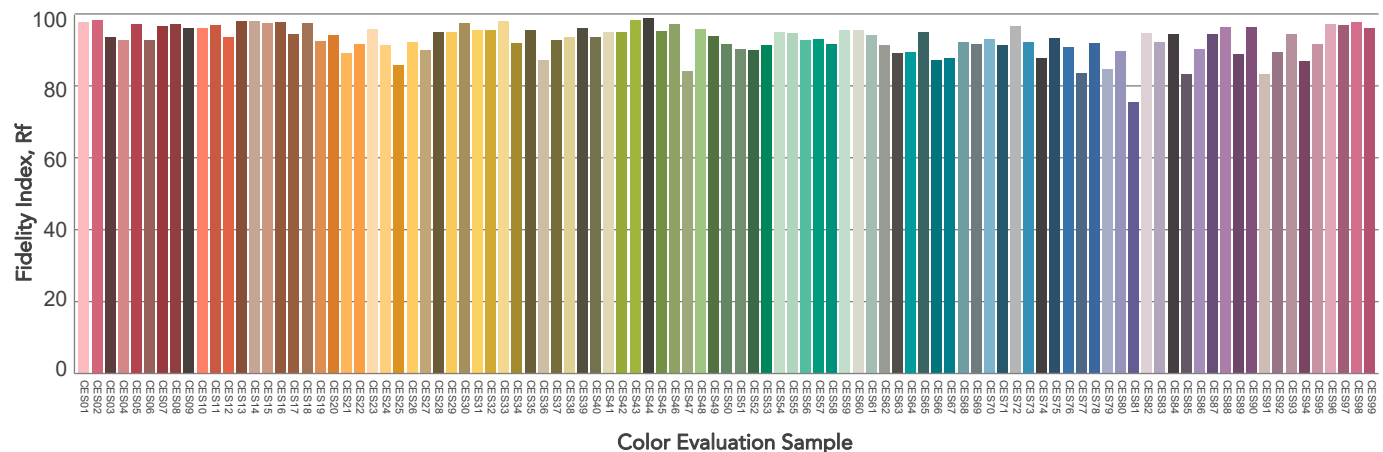
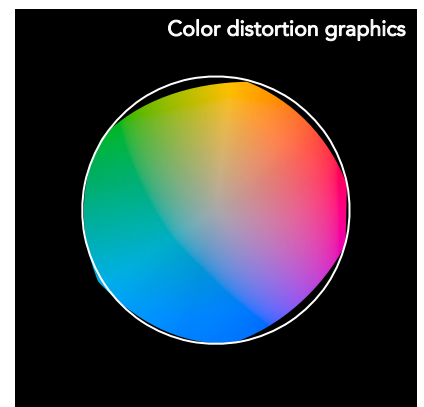
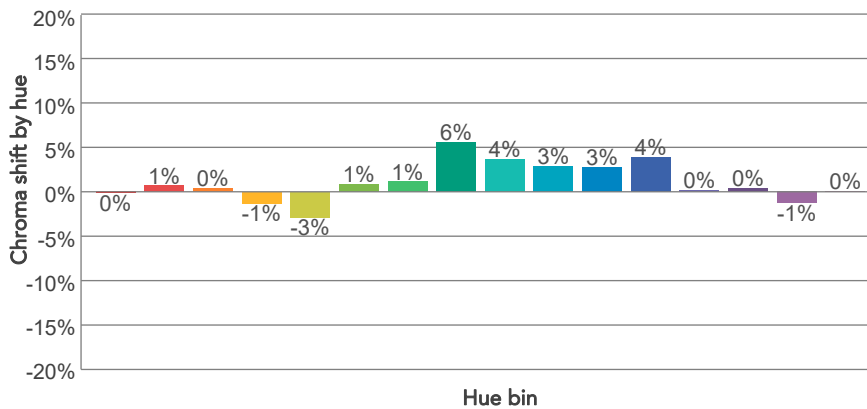
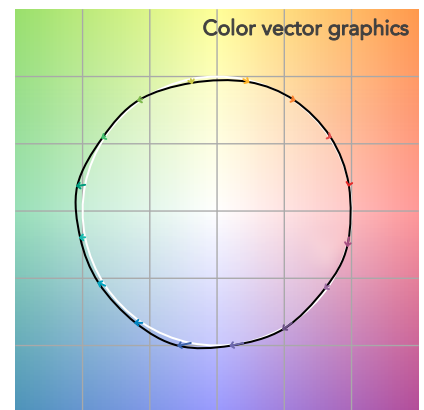
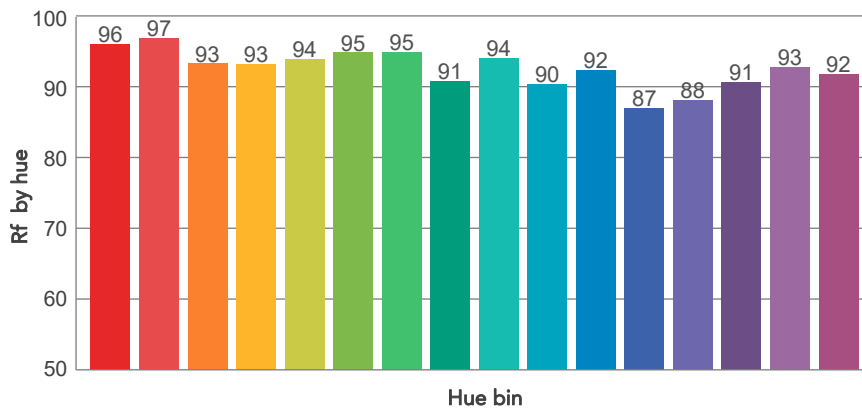
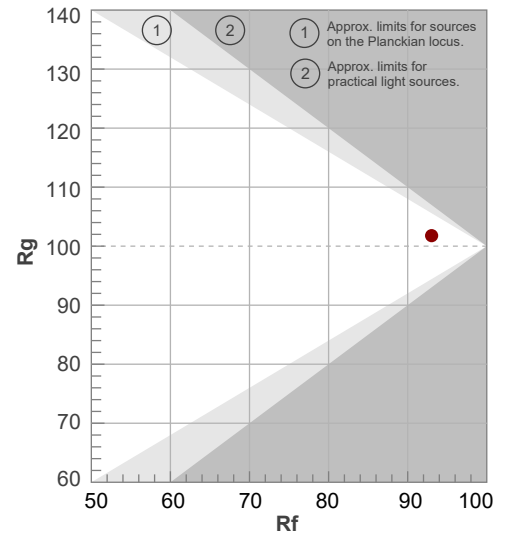
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3159 K	94,9	97,2	93,0	101,8	92,9	84	0,427	0,402	0,0005

TM30 DETAILS

Rf 93,0
Fidelity index Rf

Rg 101,8
Gammut index

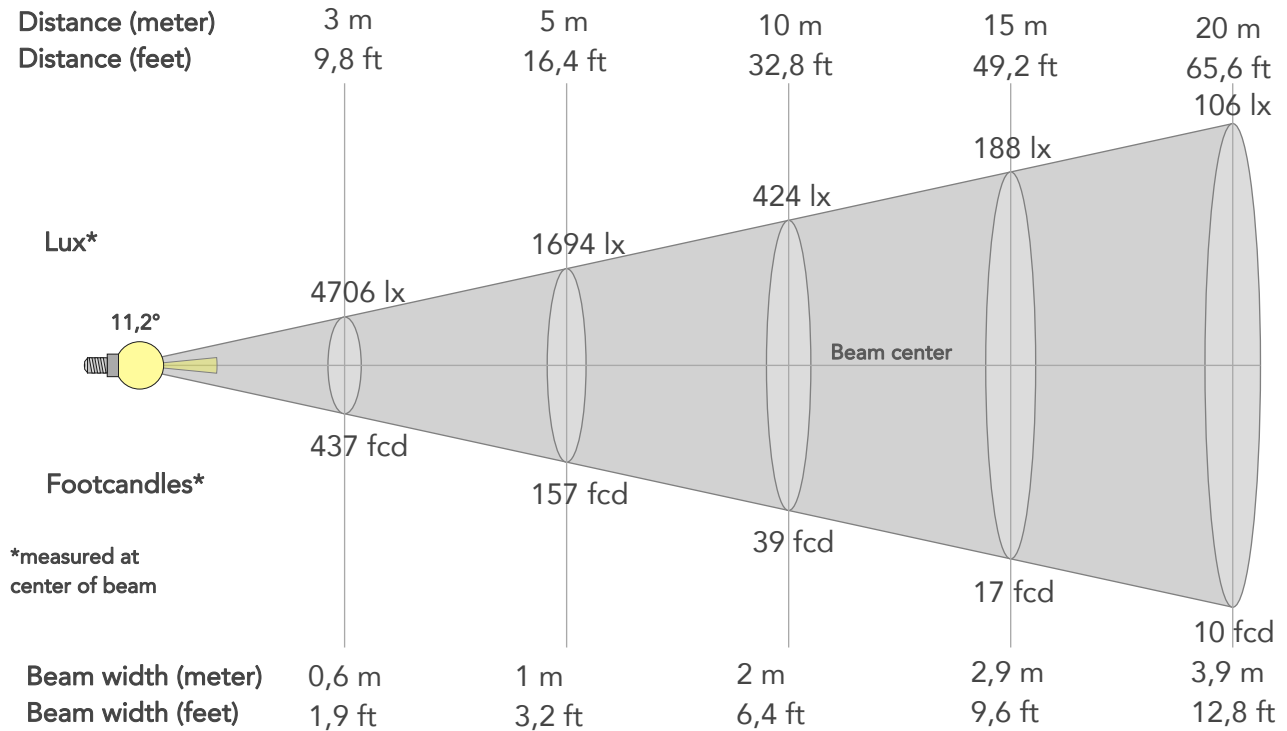
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	0%
2	97	1%	-1%
3	93	0%	-2%
4	93	-1%	-4%
5	94	-3%	0%
6	95	1%	3%
7	95	1%	2%
8	91	6%	2%
9	94	4%	0%
10	90	3%	-5%
11	92	3%	-4%
12	87	4%	-9%
13	88	0%	-10%
14	91	0%	-8%
15	93	-1%	-3%
16	92	0%	-6%



BEAM DETAILS



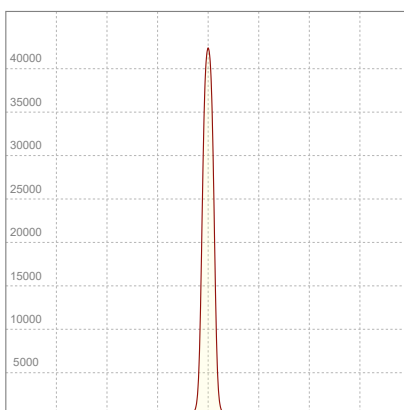
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,2°	17,3°	21,8°	100,0%	99,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	42355lx	10589lx	4706lx	2647lx	1694lx	753lx	424lx	188lx	106lx	68lx	47lx	26lx	17lx
Footcand.	3935fcd	984fcd	437fcd	246fcd	157fcd	70fcd	39fcd	17fcd	10fcd	6fcd	4fcd	2fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	2,9m	3,9m	4,9m	5,9m	7,8m	9,8m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,6ft	12,8ft	16ft	19,2ft	25,6ft	32ft

LINEAR DISTRIBUTION DIAGRAM

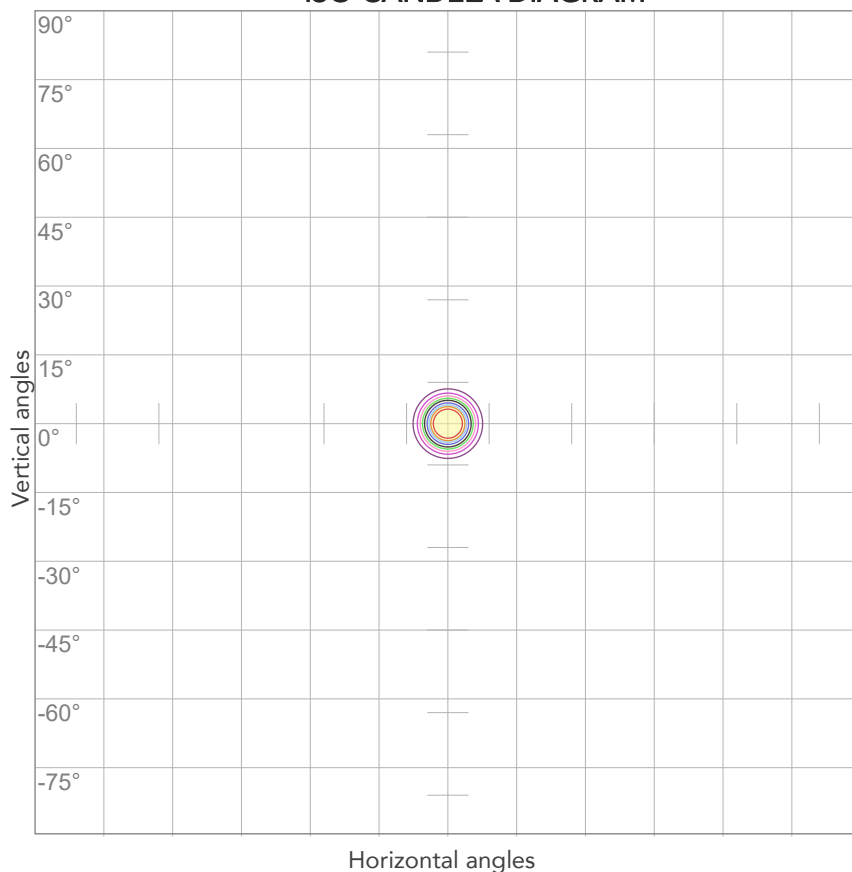


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,413A	89,9W	0,97	18lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



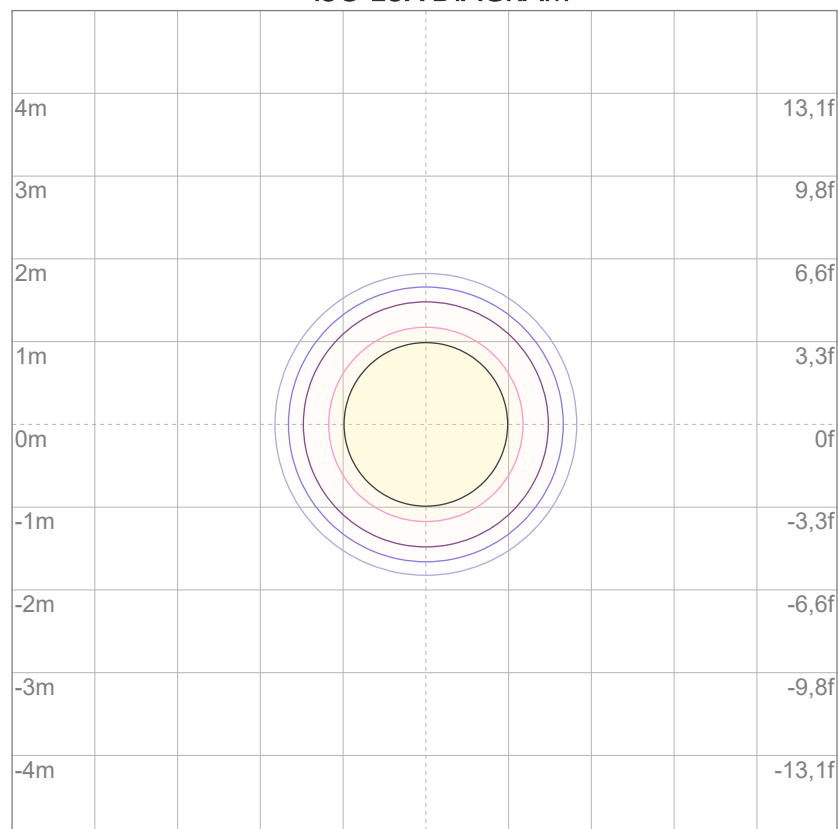
10%	4236 cd
20%	8471 cd
30%	12707 cd
40%	16942 cd
50%	21178 cd
60%	25413 cd
70%	29649 cd
80%	33884 cd

Conditions:

Number of c-planes: 2

Candela at center: 42355 cd

ISO LUX DIAGRAM



3%	12,7 lx
5%	21,2 lx
10%	42,4 lx
30%	127 lx
50%	212 lx

Conditions:

Number of c-planes: 2

Lux at center: 424 lx

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



Total lumen output:

2770 lm

Peak candela output:

4262 cd

Light quality:

CRI: 95,9

Color temperature:

3990 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

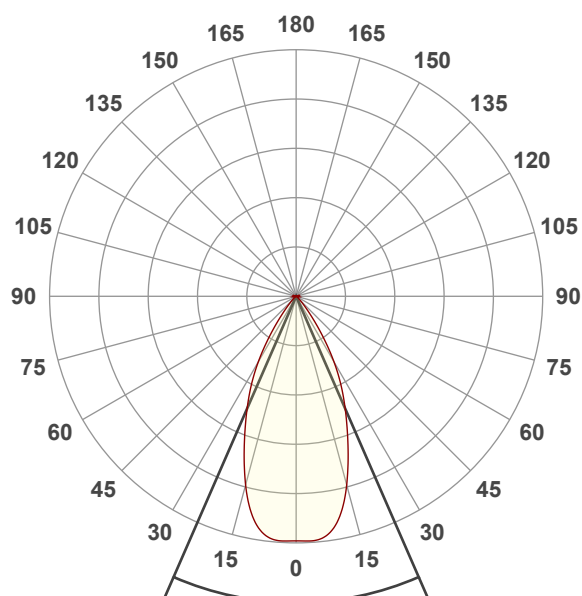
4000K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:41:12

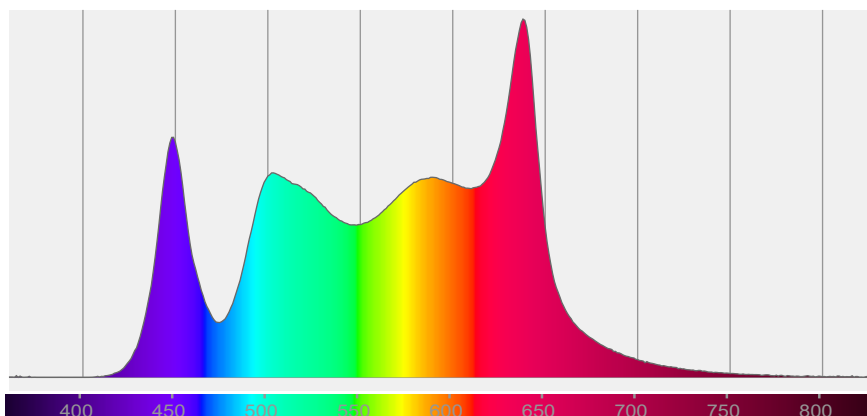


Beam angle 50%: 47,2°

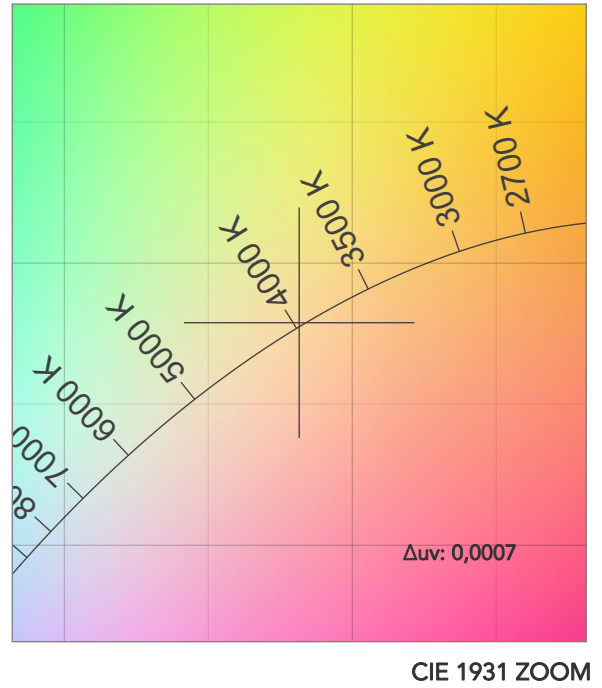
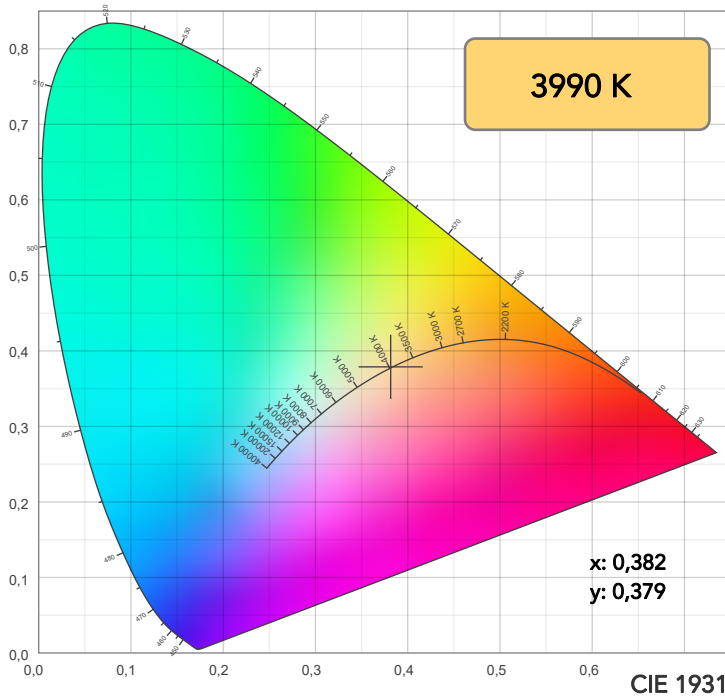
Field angle 10%: 75,1°

Cut off angle 2.5%: 89,4°

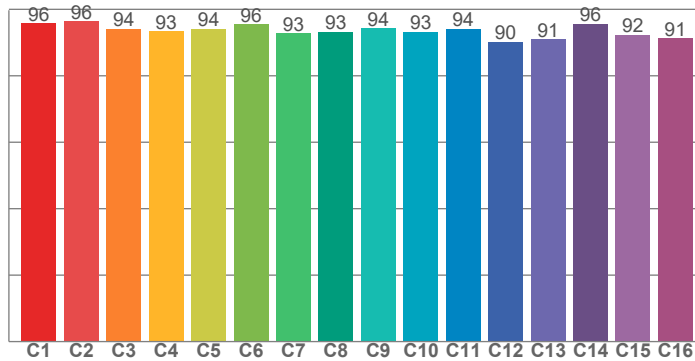
Spectra



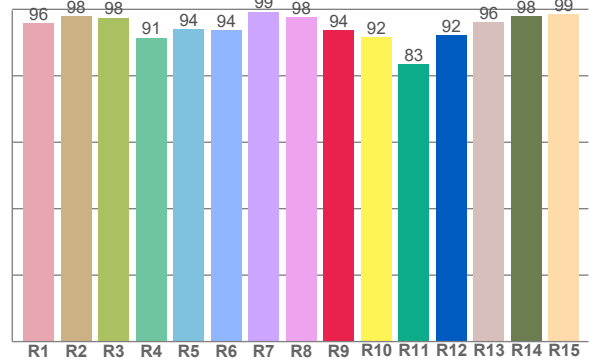
COLOR DETAILS



TM30: 93,8



CRI: 95,9 (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
95,8	97,9	97,5	91,5	94,0	93,6	99,3	97,6	93,8	91,5	83,4	92,3	96,1	98,0	98,6

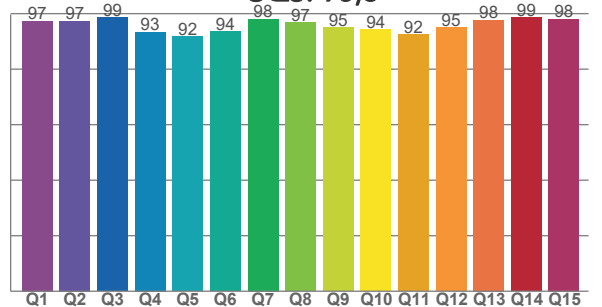
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,8	96,4	94,1	93,4	94,1	95,6	92,7	93,2	94,3	93,3	94,1	90,2	91,0	95,6	92,3	91,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,3	97,3	98,7	93,4	91,8	93,6	98,0	96,9	94,9	94,2	92,5	94,9	97,7	98,6	98,0

CQS: 95,3



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
3990 K	95,9	93,8	93,8	102,6	95,3	86	0,382	0,379	0,0007

TM30 DETAILS

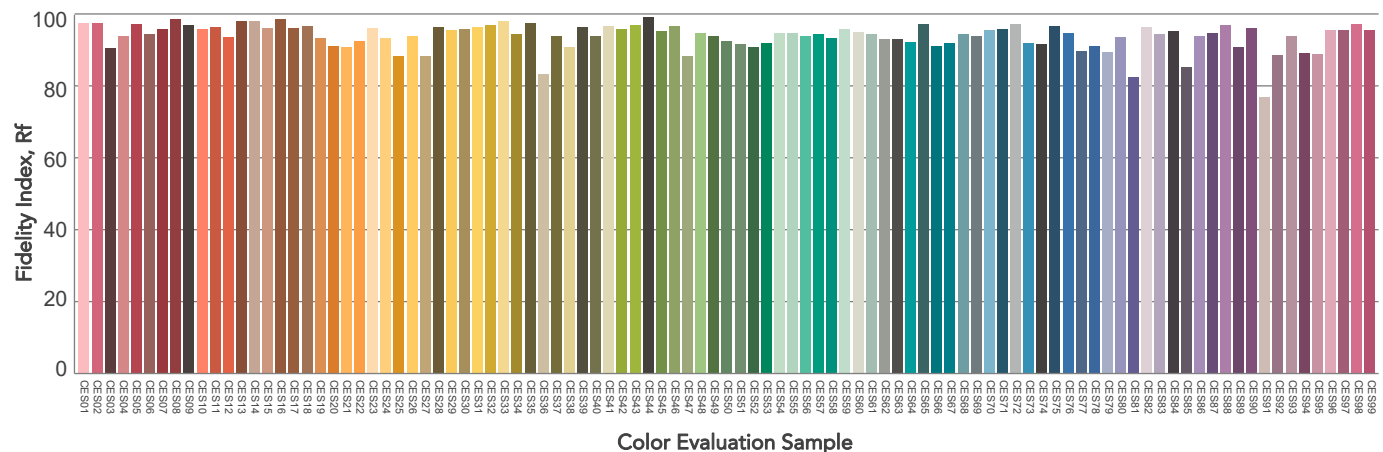
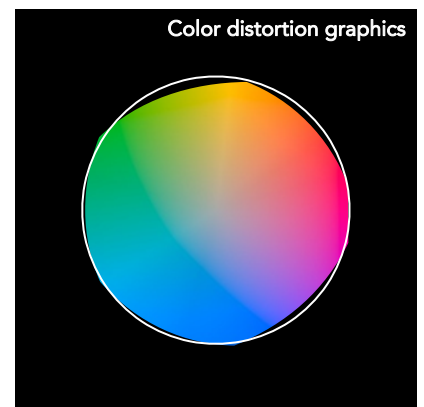
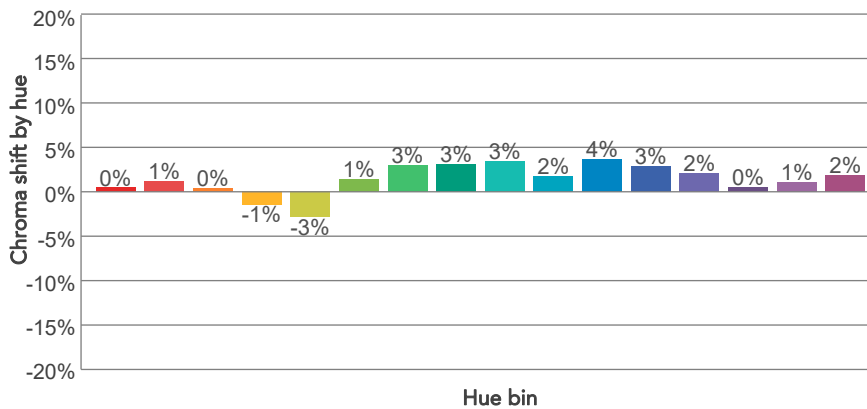
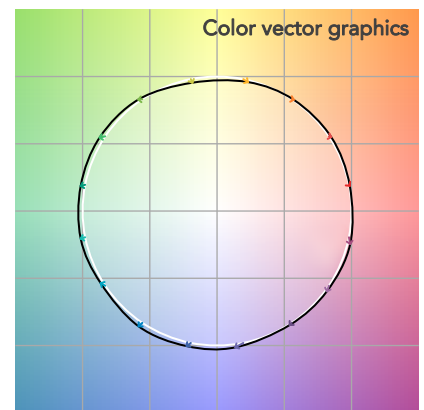
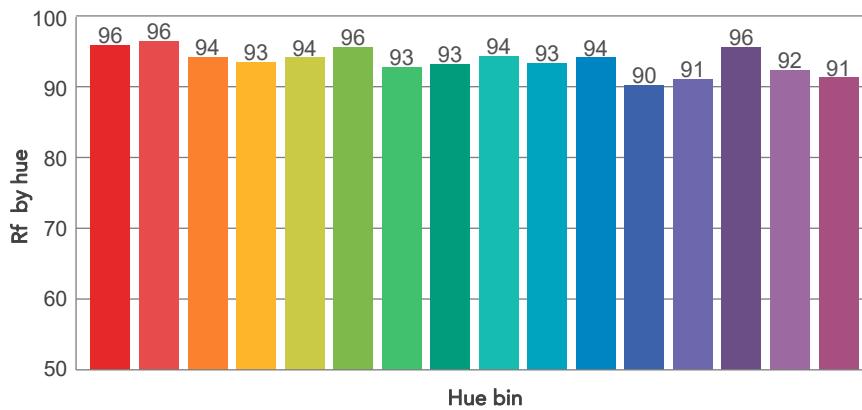
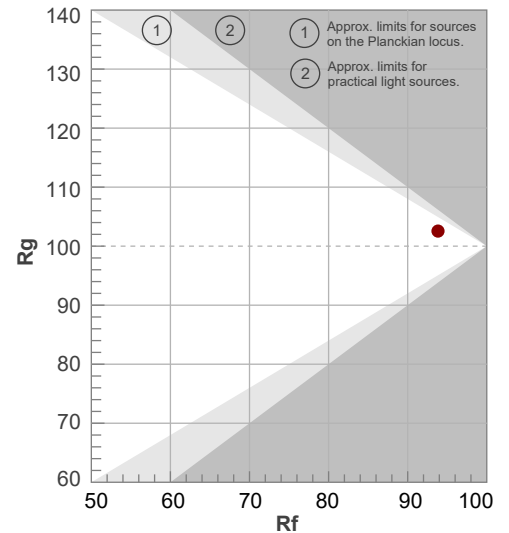
Rf 93,8

Fidelity index Rf

Rg 102,6

Gammut index

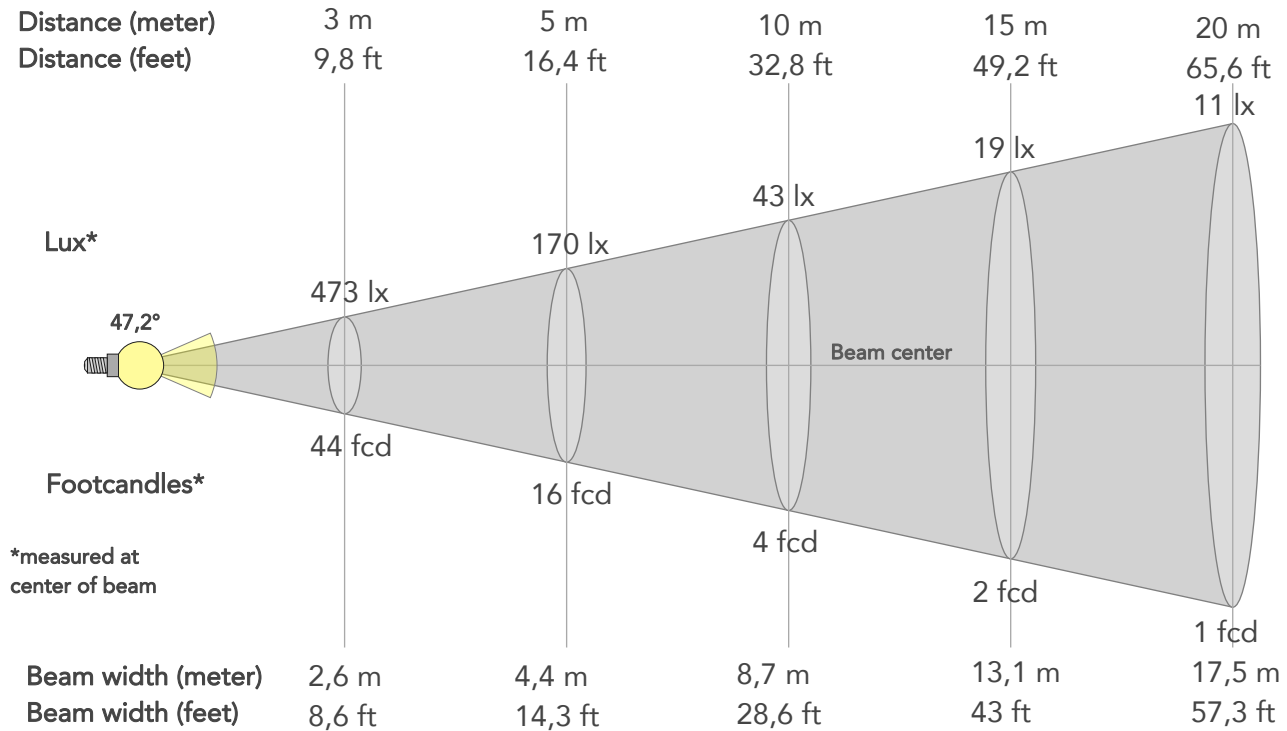
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	96	1%	-1%
3	94	0%	-1%
4	93	-1%	-4%
5	94	-3%	-1%
6	96	1%	3%
7	93	3%	3%
8	93	3%	2%
9	94	3%	0%
10	93	2%	-3%
11	94	4%	-1%
12	90	3%	-3%
13	91	2%	-6%
14	96	0%	-2%
15	92	1%	-4%
16	91	2%	-5%



BEAM DETAILS



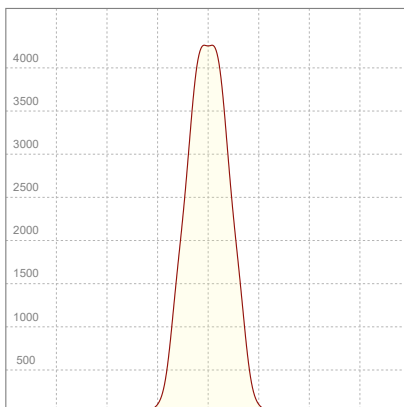
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,2°	75,1°	89,4°	99,8%	98,1%



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	4255lx	1064lx	473lx	266lx	170lx	76lx	43lx	19lx	11lx	7lx	5lx	3lx	2lx
Footcand.	395fcd	99fcd	44fcd	25fcd	16fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,4m	6,5m	8,7m	13,1m	17,5m	21,8m	26,2m	34,9m	43,7m
Beam wid.	2,9ft	5,8ft	8,6ft	11,4ft	14,3ft	21,5ft	28,6ft	43ft	57,3ft	71,6ft	85,9ft	114,6ft	143,2ft

LINEAR DISTRIBUTION DIAGRAM

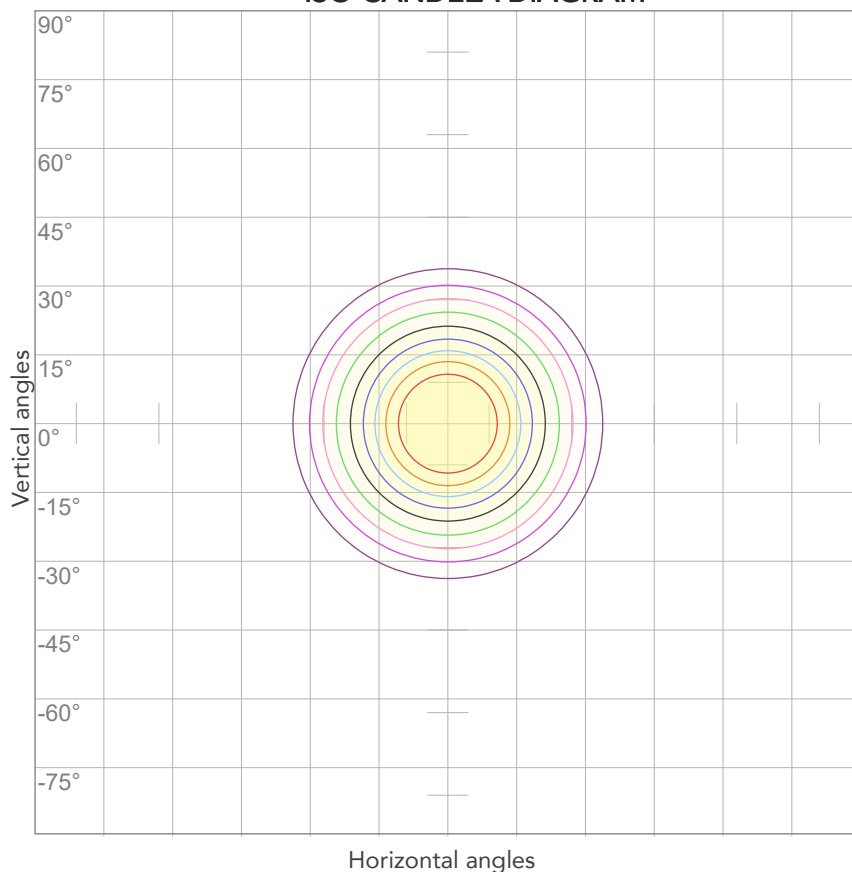


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,462A	102,7W	0,98	27lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



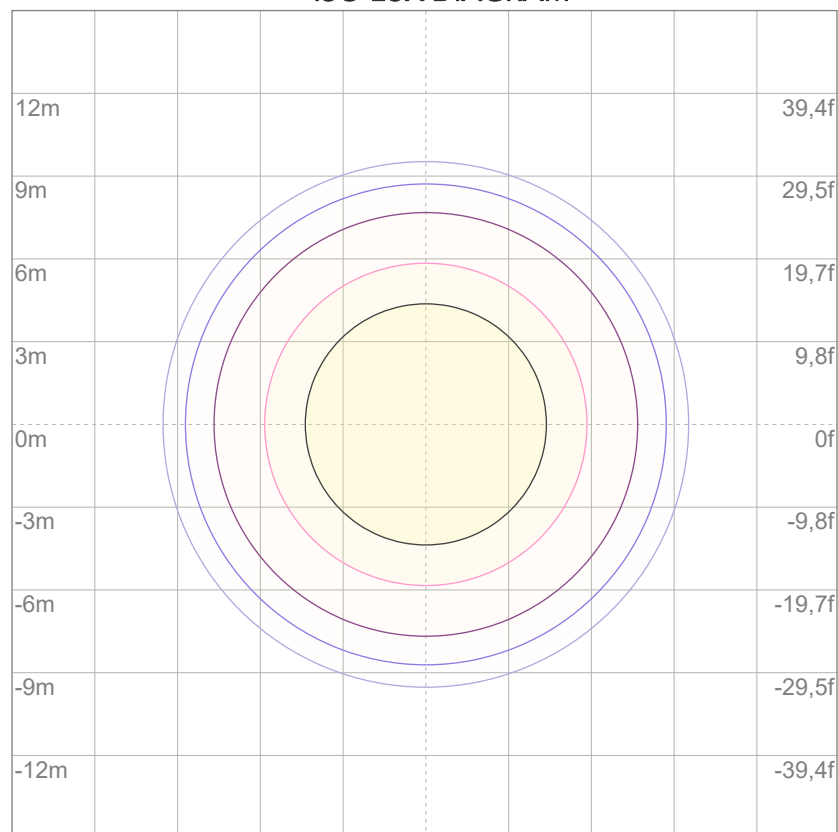
10%	425 cd
20%	851 cd
30%	1276 cd
40%	1702 cd
50%	2127 cd
60%	2553 cd
70%	2978 cd
80%	3404 cd

Conditions:

Number of c-planes: 2

Candela at center: 4255 cd

ISO LUX DIAGRAM



3%	1,28 lx
5%	2,13 lx
10%	4,25 lx
30%	12,8 lx
50%	21,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 42,5 lx

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



Total lumen output:

2596 lm

Peak candela output:

12226 cd

Light quality:

CRI: 95,7

Color temperature:

4019 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

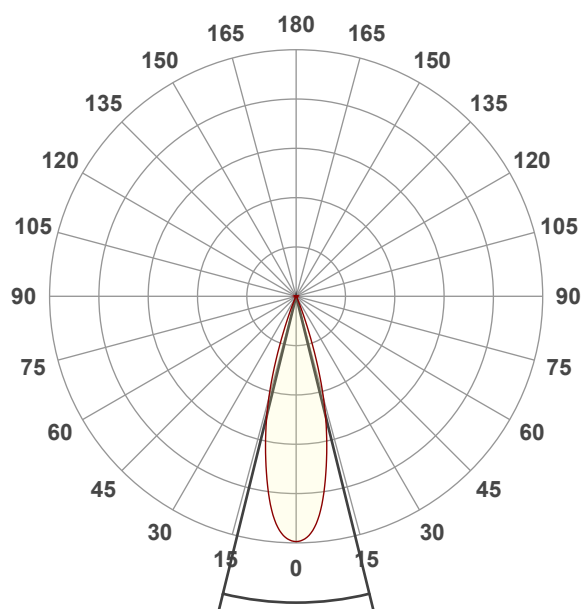
4000K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 17:30:30

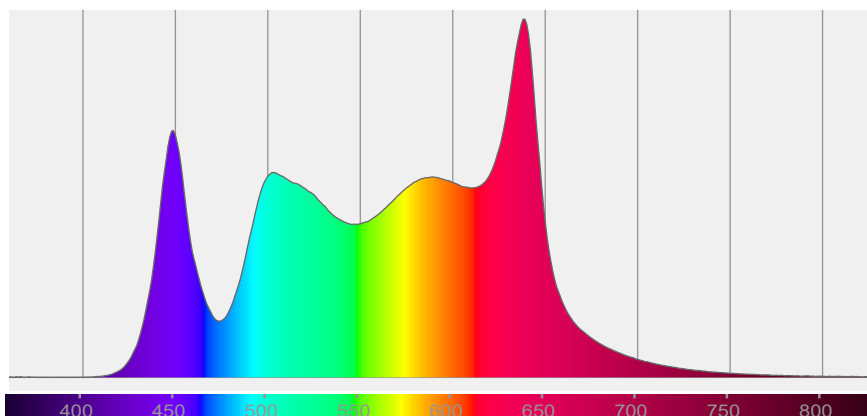


Beam angle 50%: 27,7°

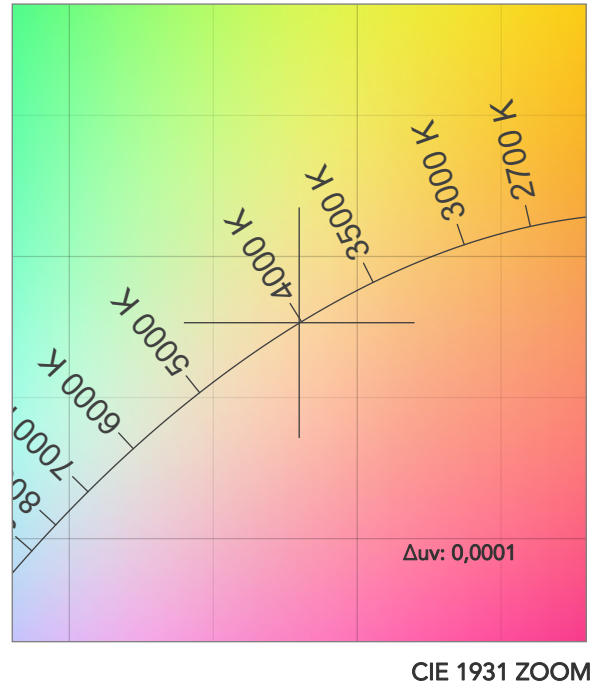
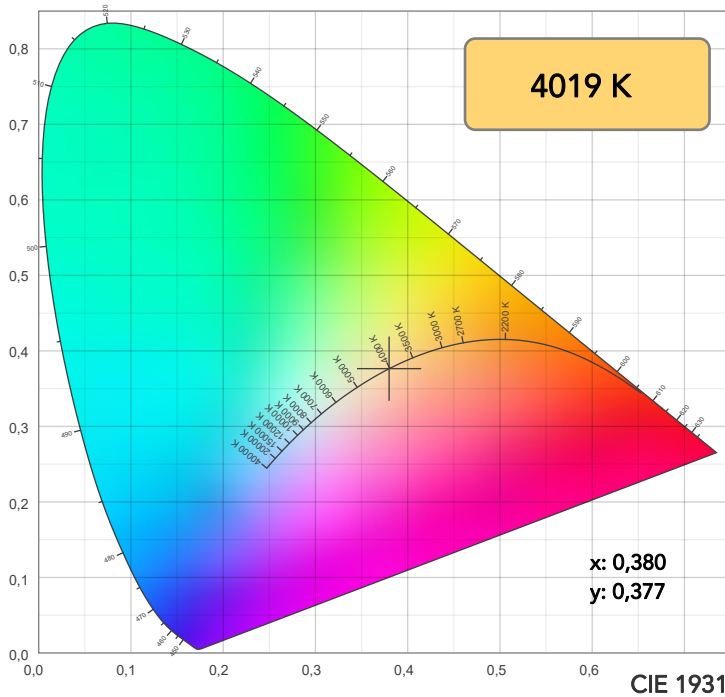
Field angle 10%: 41,6°

Cut off angle 2.5%: 48,3°

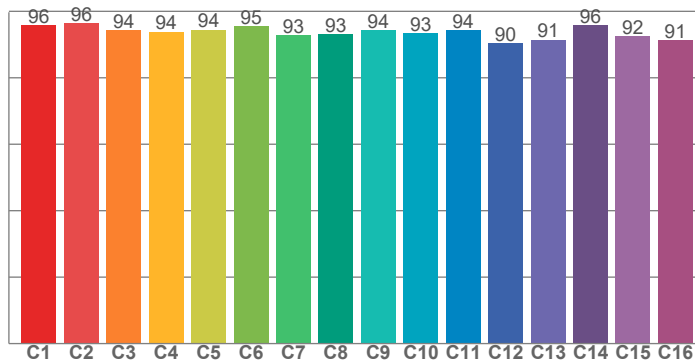
Spectra



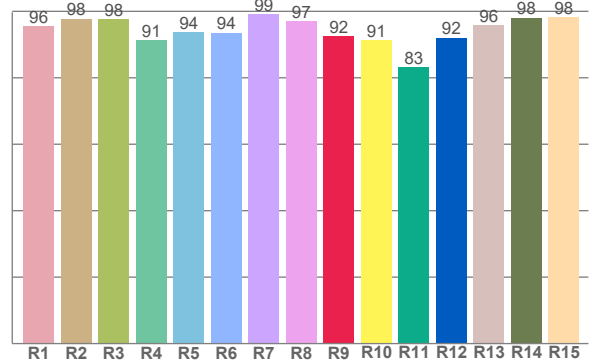
COLOR DETAILS



TM30: 94,0



CRI: 95,7 (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
95,5	97,8	97,7	91,3	93,8	93,5	99,2	97,1	92,4	91,4	83,2	92,0	95,9	98,1	98,3

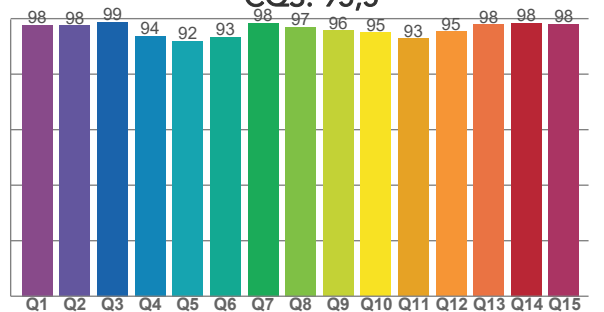
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,8	96,5	94,3	93,9	94,4	95,4	92,8	93,2	94,3	93,4	94,2	90,4	91,5	95,7	92,5	91,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,7	97,6	98,9	93,8	91,9	93,4	98,4	97,0	95,6	95,0	92,9	95,3	97,9	98,5	98,0

CQS: 95,5



COLOR PARAMETERS

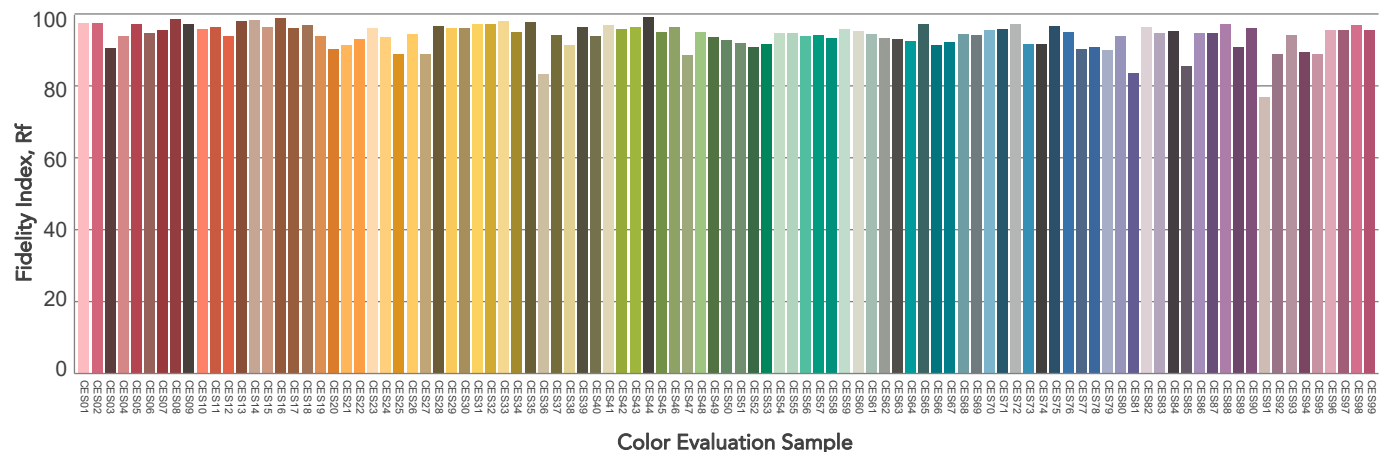
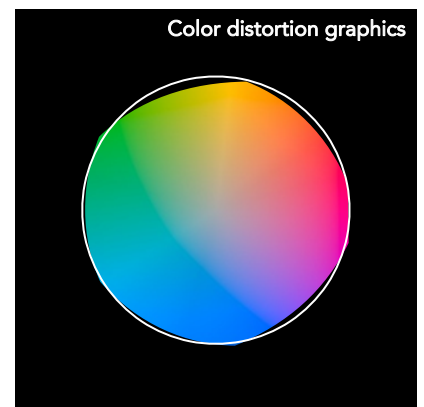
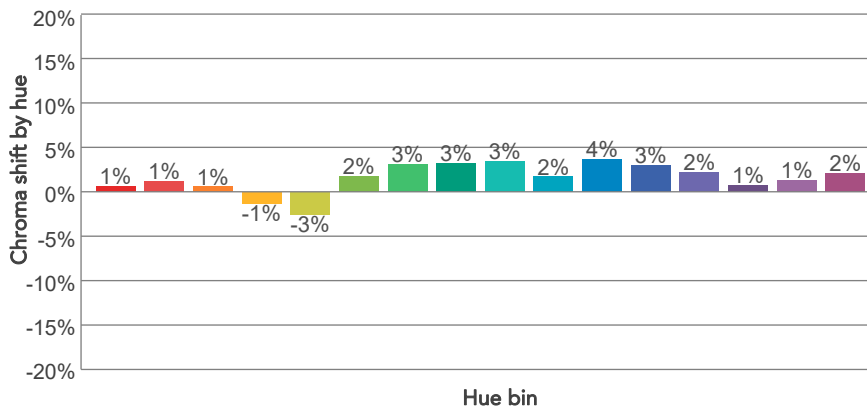
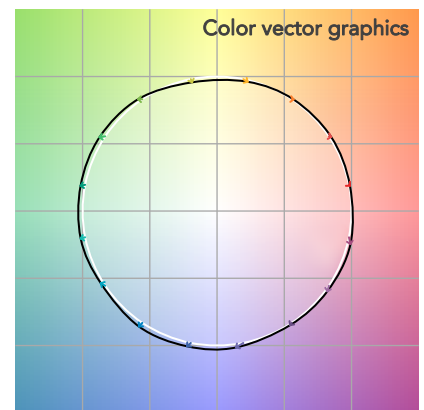
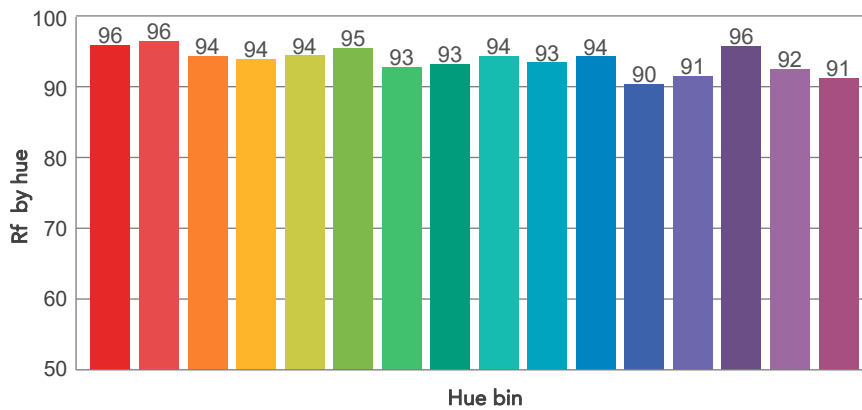
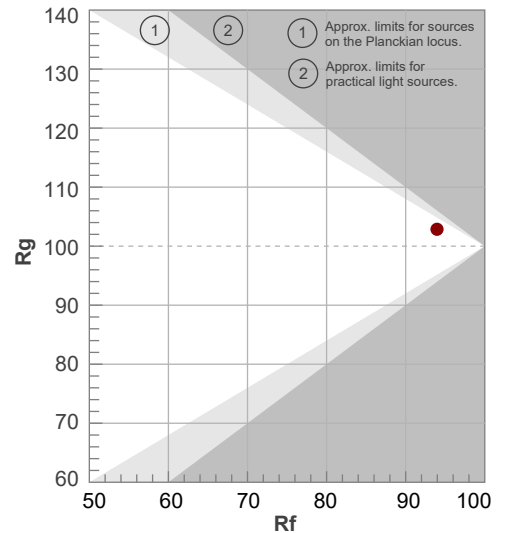
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4019 K	95,7	92,4	94,0	102,9	95,5	87	0,380	0,377	0,0001

TM30 DETAILS

Rf 94,0
Fidelity index Rf

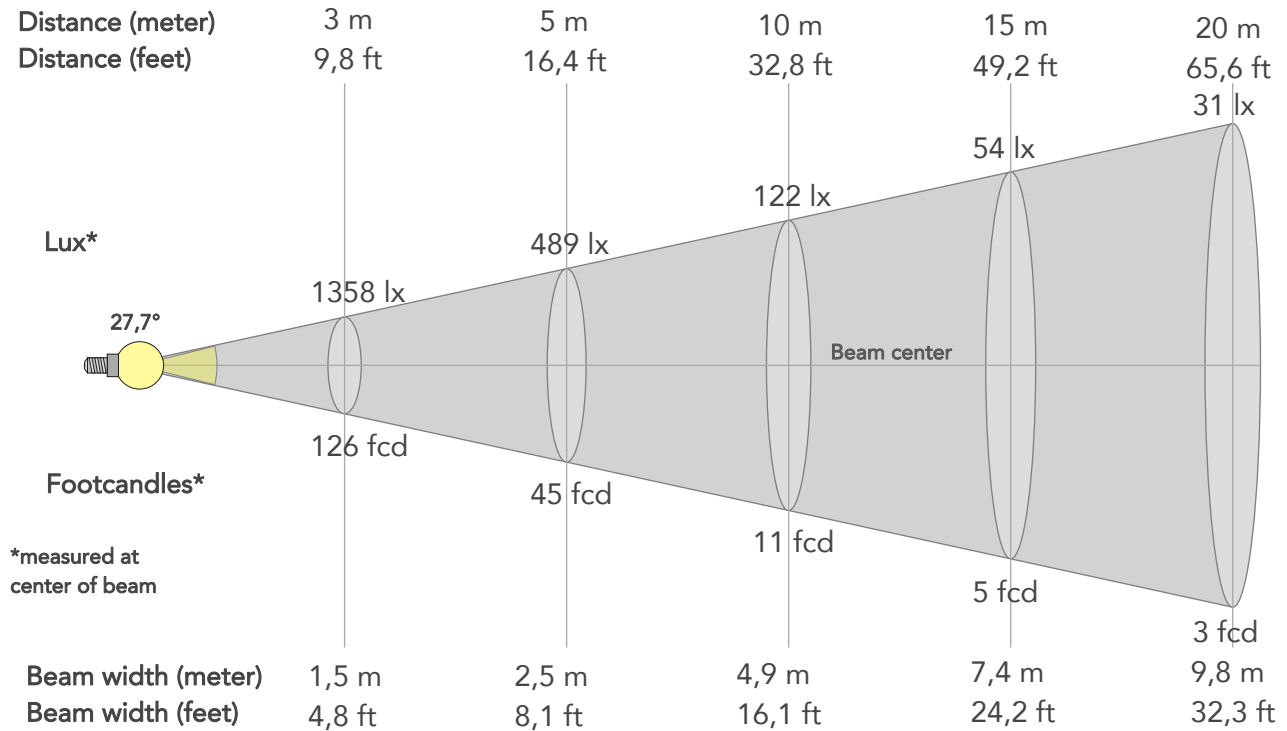
Rg 102,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	-1%
2	96	1%	-1%
3	94	1%	-1%
4	94	-1%	-4%
5	94	-3%	0%
6	95	2%	3%
7	93	3%	3%
8	93	3%	1%
9	94	3%	0%
10	93	2%	-3%
11	94	4%	-1%
12	90	3%	-2%
13	91	2%	-6%
14	96	1%	-2%
15	92	1%	-4%
16	91	2%	-5%



BEAM DETAILS

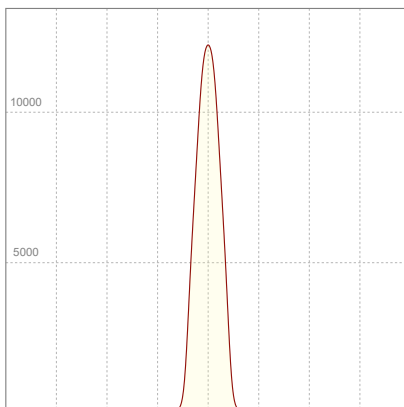
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,7°	41,6°	48,3°	99,5%	98,9%



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	12226lx	3057lx	1358lx	764lx	489lx	217lx	122lx	54lx	31lx	20lx	14lx	8lx	5lx
Footcand.	1136fcd	284fcd	126fcd	71fcd	45fcd	20fcd	11fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,5m	1m	1,5m	2m	2,5m	3,7m	4,9m	7,4m	9,8m	12,3m	14,8m	19,7m	24,6m
Beam wid.	1,6ft	3,2ft	4,8ft	6,4ft	8,1ft	12,1ft	16,1ft	24,2ft	32,3ft	40,4ft	48,4ft	64,6ft	80,7ft

LINEAR DISTRIBUTION DIAGRAM

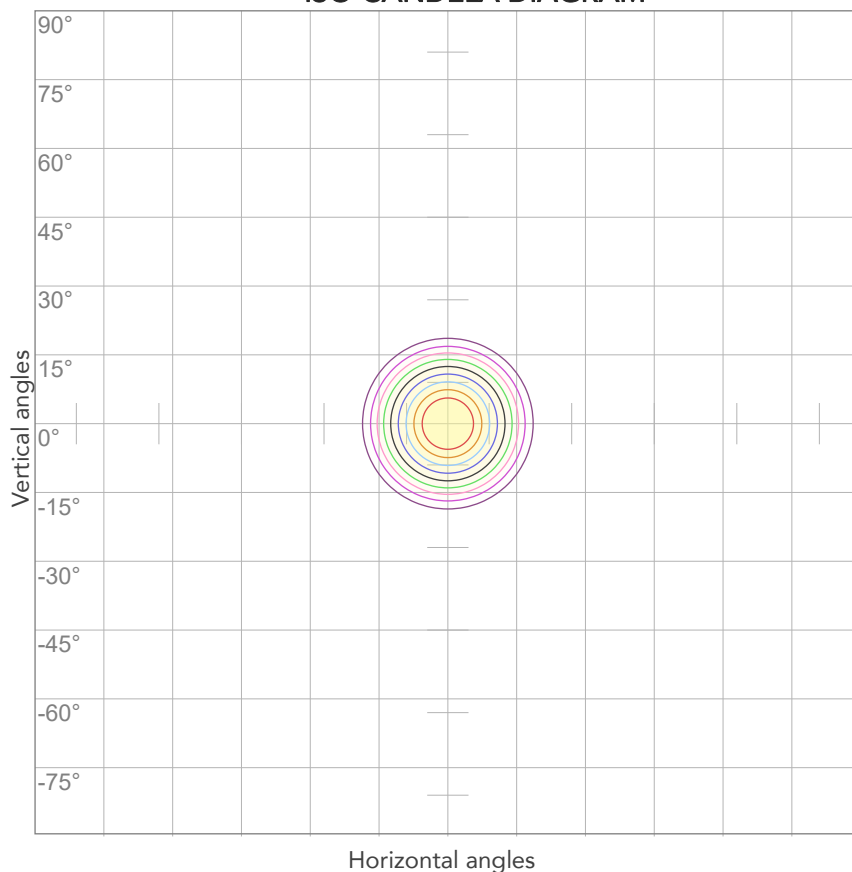


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,465A	103,6W	0,98	25lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



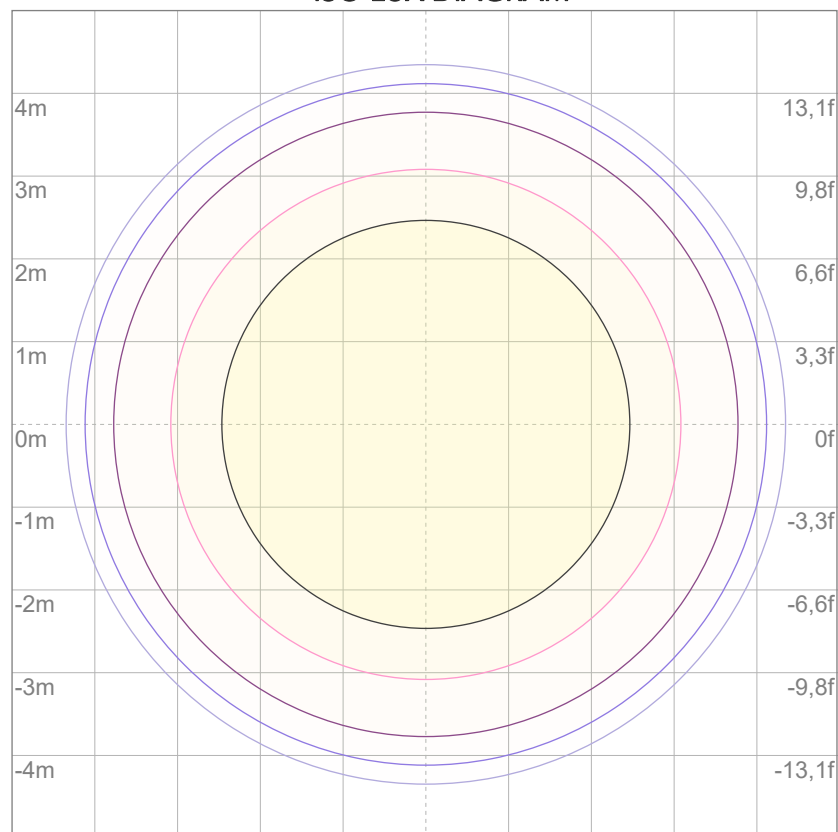
10%	1223 cd
20%	2445 cd
30%	3668 cd
40%	4891 cd
50%	6113 cd
60%	7336 cd
70%	8558 cd
80%	9781 cd

Conditions:

Number of c-planes: 2

Candela at center: 12226 cd

ISO LUX DIAGRAM



3%	3,67 lx
5%	6,11 lx
10%	12,2 lx
30%	36,7 lx
50%	61,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 122 lx

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



Total lumen output:

1944 lm

Peak candela output:

50848 cd

Light quality:

CRI: 95,8

Color temperature:

3953 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

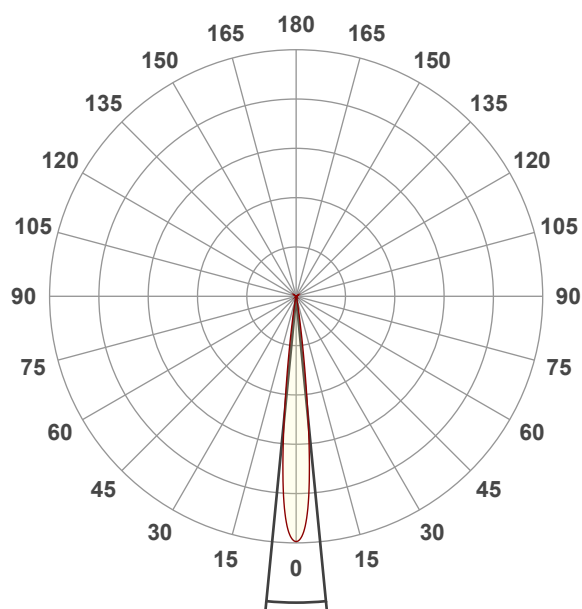
4000K

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 11:45:17

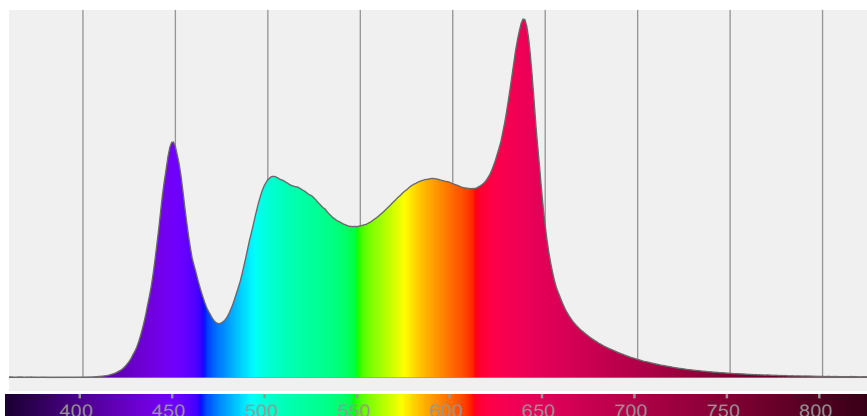


Beam angle 50%: 11,2°

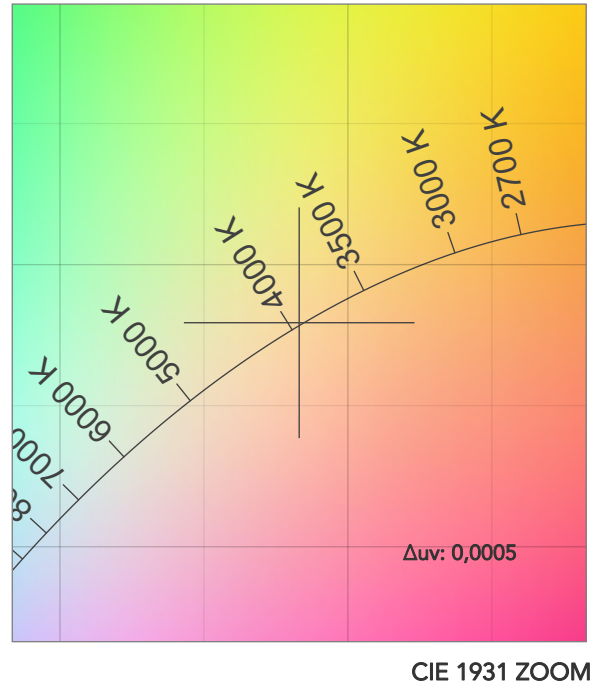
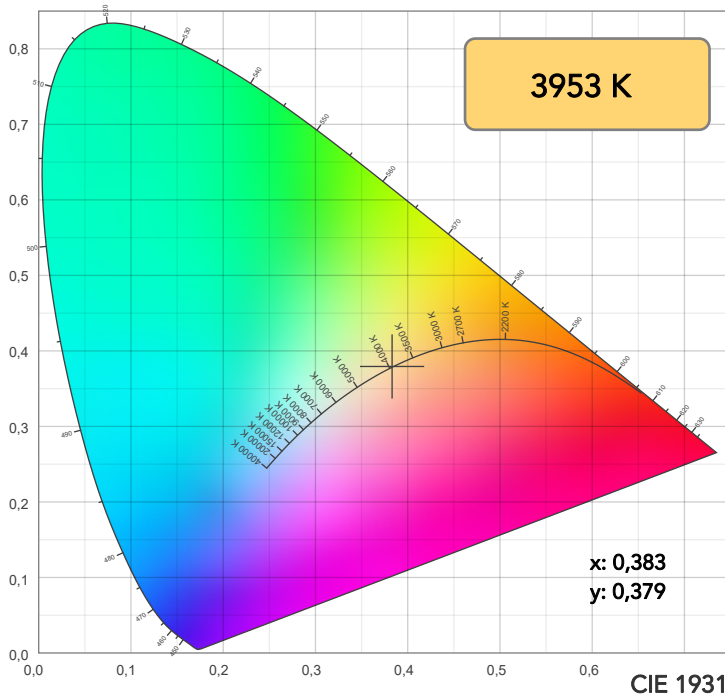
Field angle 10%: 17,3°

Cut off angle 2.5%: 21,9°

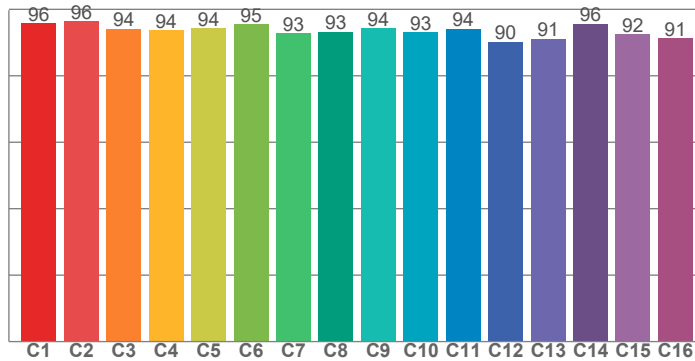
Spectra



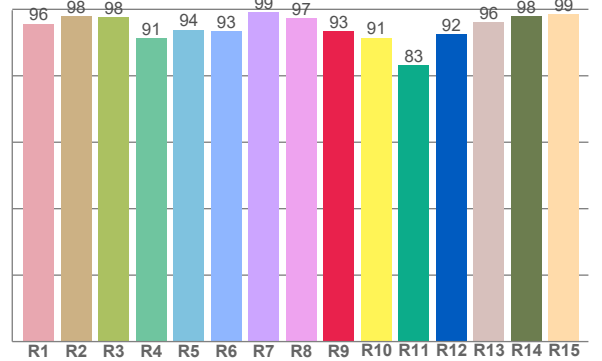
COLOR DETAILS



TM30: 93,9



CRI: 95,8 (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
95,7	97,8	97,6	91,4	93,9	93,5	99,2	97,4	93,5	91,5	83,3	92,5	96,1	98,0	98,6

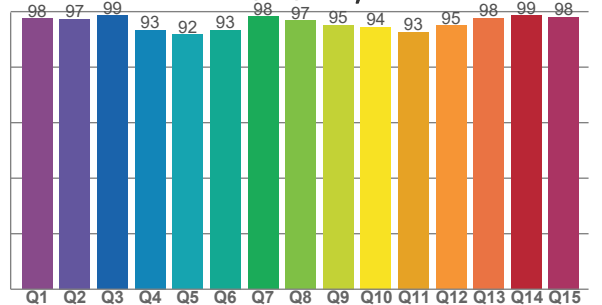
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,8	96,4	94,2	93,6	94,2	95,5	92,7	93,2	94,3	93,1	94,1	90,3	91,1	95,7	92,4	91,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,5	97,3	98,7	93,4	91,7	93,5	98,2	96,9	95,2	94,5	92,6	95,1	97,7	98,6	98,1

CQS: 95,3



COLOR PARAMETERS

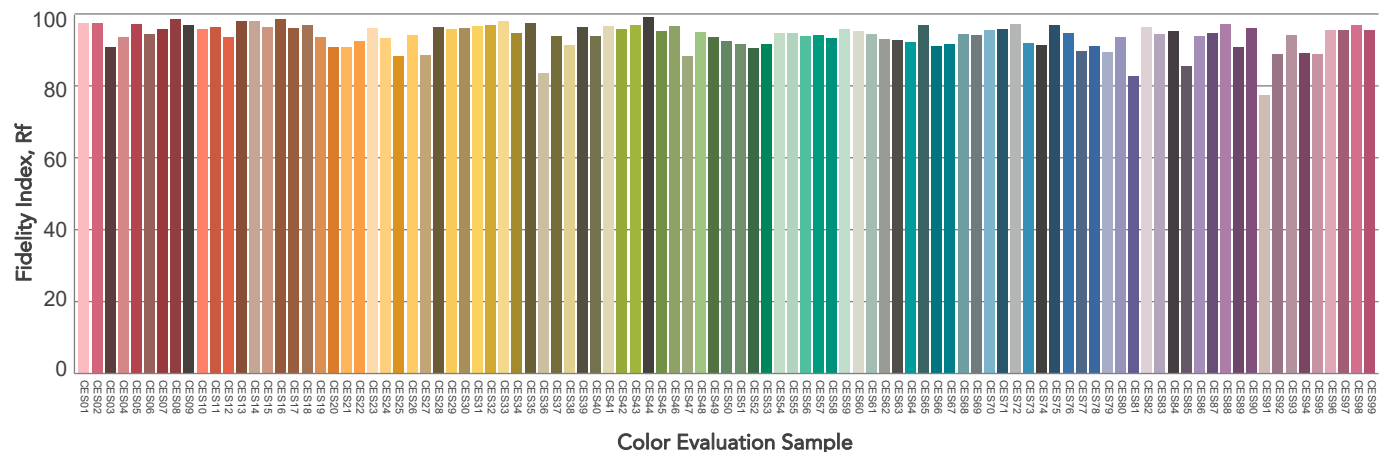
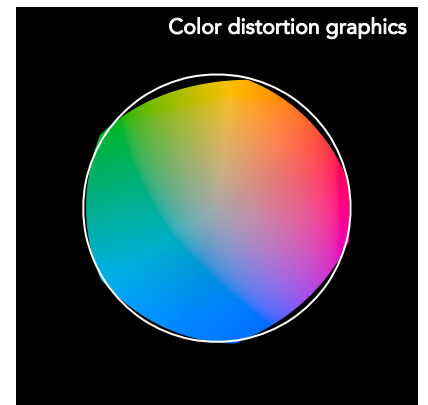
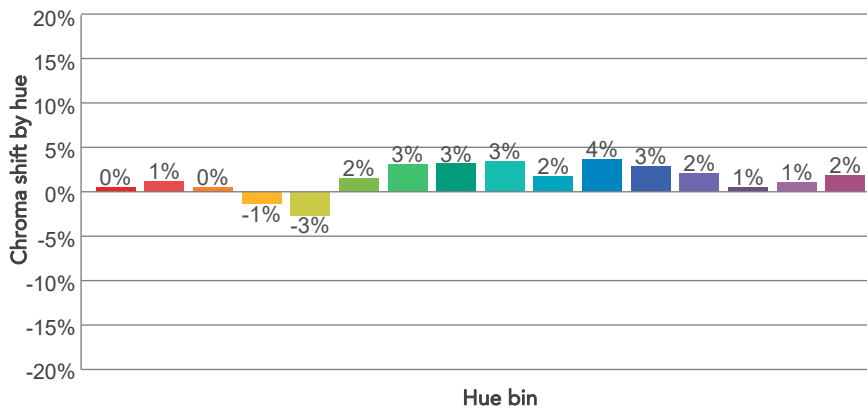
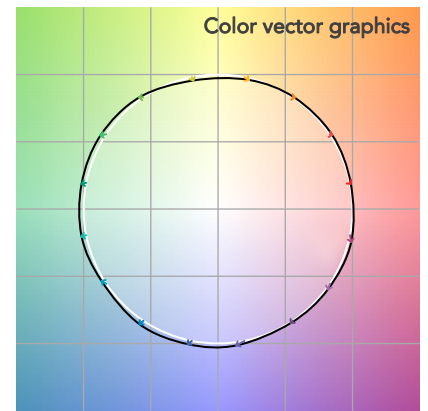
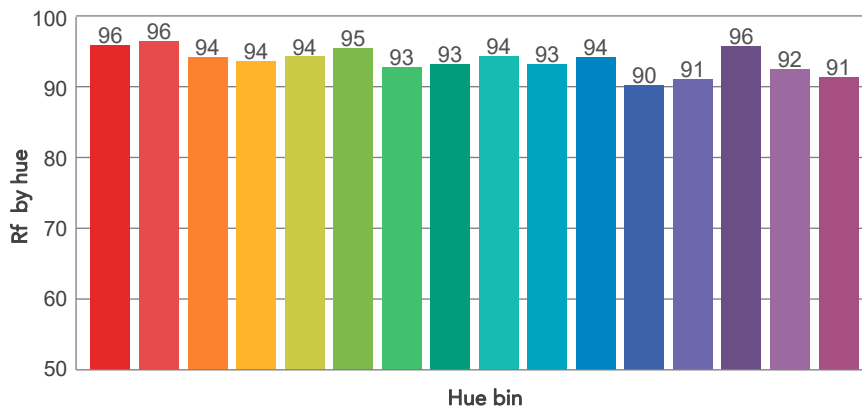
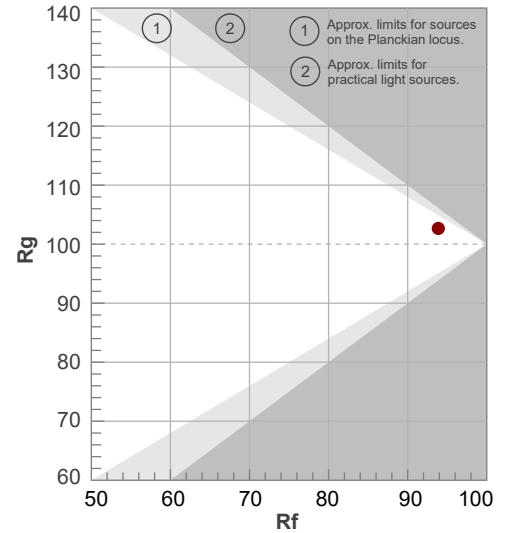
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3953 K	95,8	93,5	93,9	102,7	95,3	86	0,383	0,379	0,0005

TM30 DETAILS

Rf 93,9
Fidelity index Rf

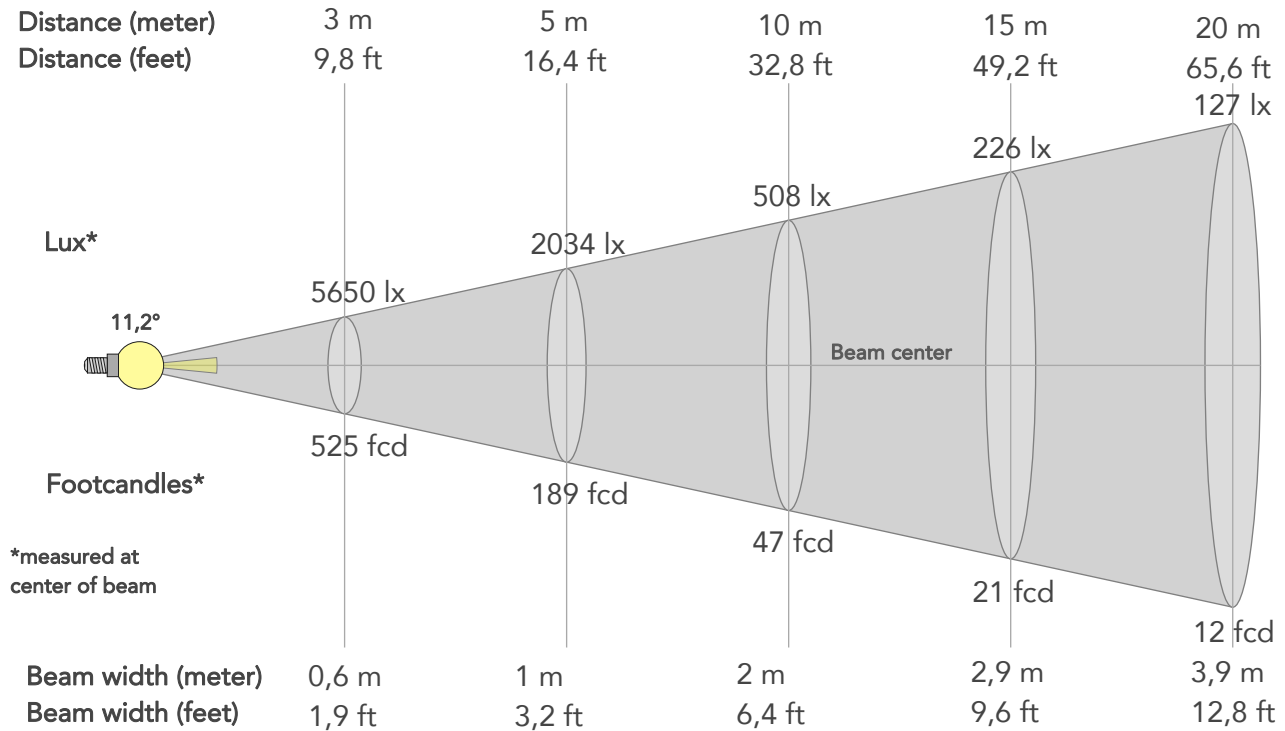
Rg 102,7
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	96	1%	-1%
3	94	0%	-1%
4	94	-1%	-4%
5	94	-3%	-1%
6	95	2%	3%
7	93	3%	3%
8	93	3%	1%
9	94	3%	0%
10	93	2%	-4%
11	94	4%	-1%
12	90	3%	-3%
13	91	2%	-6%
14	96	1%	-2%
15	92	1%	-4%
16	91	2%	-5%



BEAM DETAILS

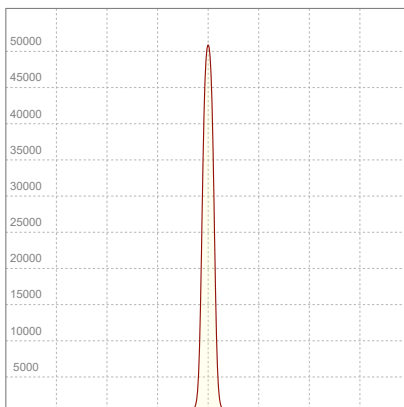
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,2°	17,3°	21,9°	100,0%	99,6%



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	50848lx	12712lx	5650lx	3178lx	2034lx	904lx	508lx	226lx	127lx	81lx	56lx	32lx	20lx
Footcand.	4724fcd	1181fcd	525fcd	295fcd	189fcd	84fcd	47fcd	21fcd	12fcd	8fcd	5fcd	3fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	2,9m	3,9m	4,9m	5,9m	7,8m	9,8m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,6ft	12,8ft	16ft	19,2ft	25,6ft	32ft

LINEAR DISTRIBUTION DIAGRAM

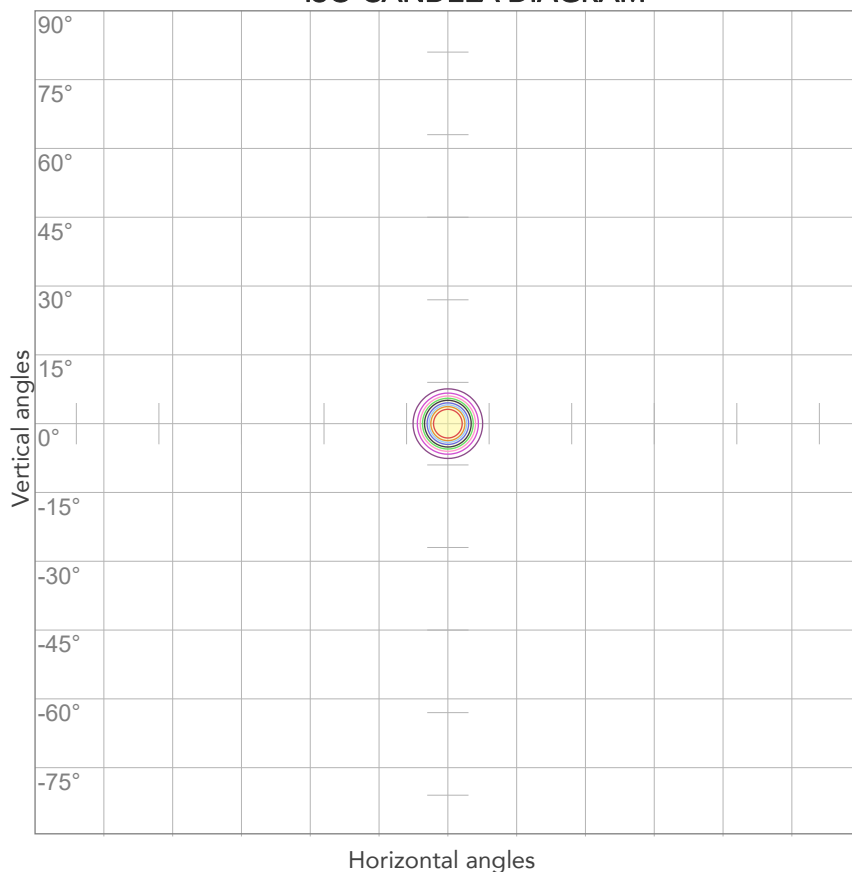


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,465A	103W	0,98	19lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



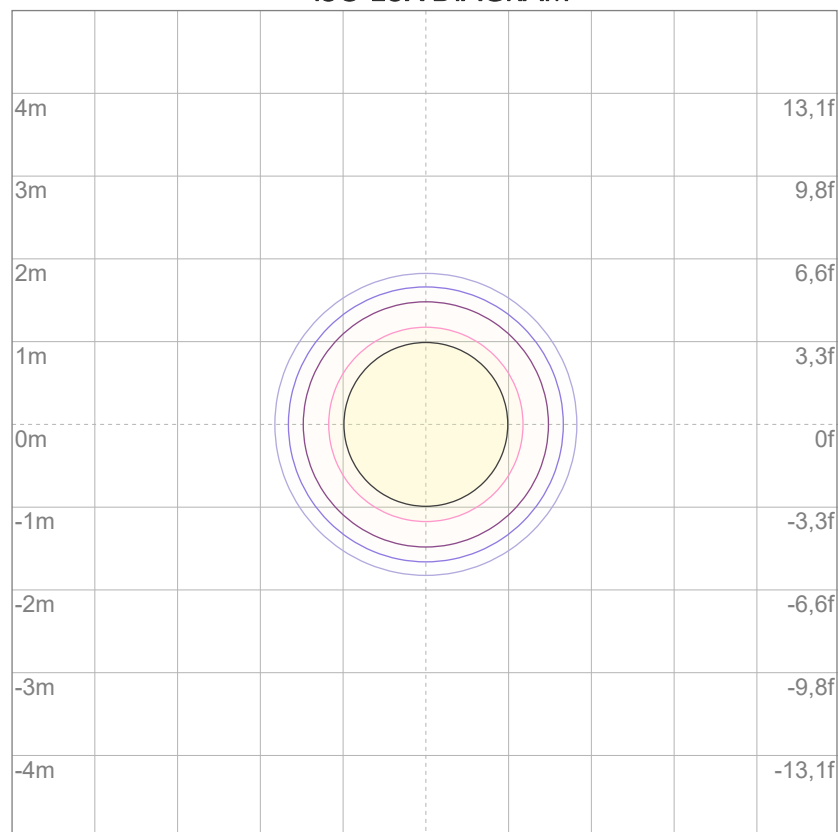
10%	5085 cd
20%	10170 cd
30%	15254 cd
40%	20339 cd
50%	25424 cd
60%	30509 cd
70%	35593 cd
80%	40678 cd

Conditions:

Number of c-planes: 2

Candela at center: 50848 cd

ISO LUX DIAGRAM



3%	15,3 lx
5%	25,4 lx
10%	50,8 lx
30%	153 lx
50%	254 lx

Conditions:

Number of c-planes: 2

Lux at center: 508 lx

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



Total lumen output:

3418 lm

Peak candela output:

5241 cd

Light quality:

CRI: 95,9

Color temperature:

5706 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

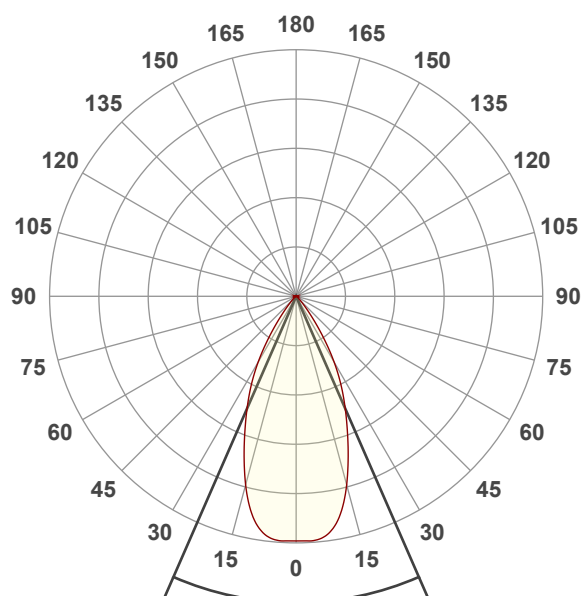
5600K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:49:46

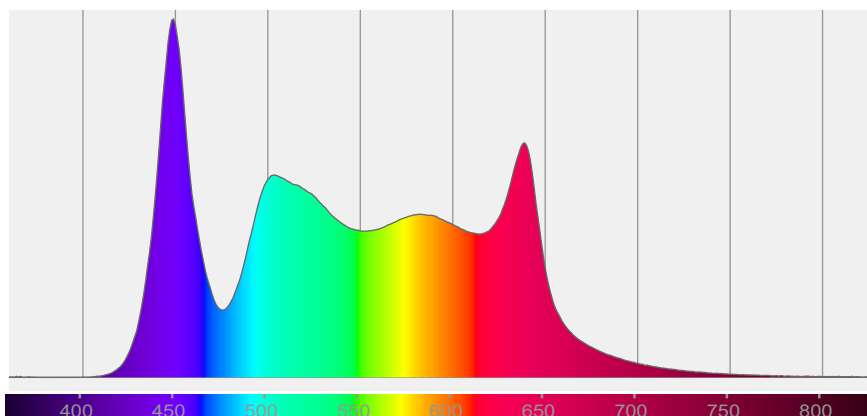


Beam angle 50%: 47,2°

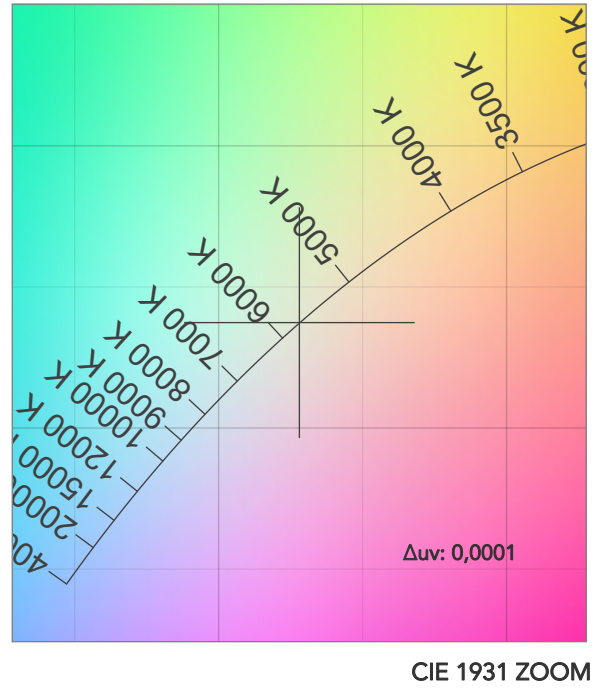
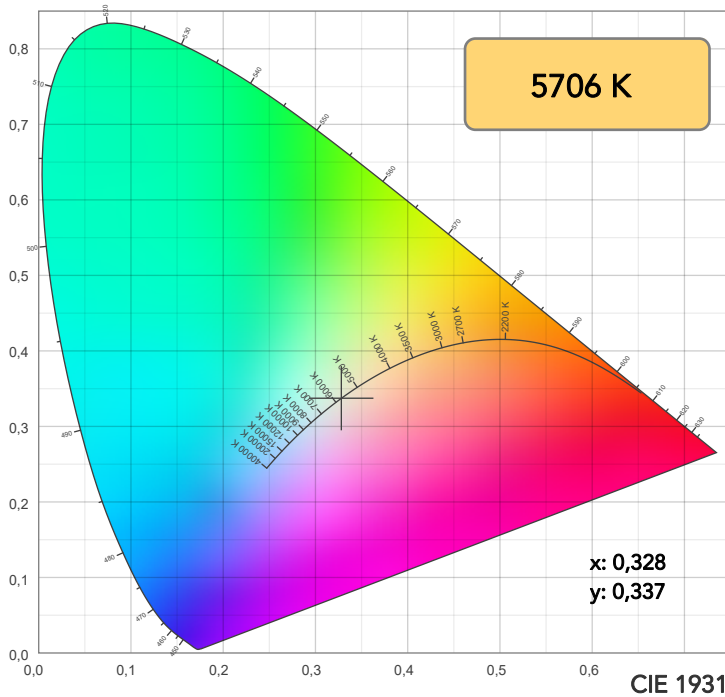
Field angle 10%: 75,2°

Cut off angle 2.5%: 89,7°

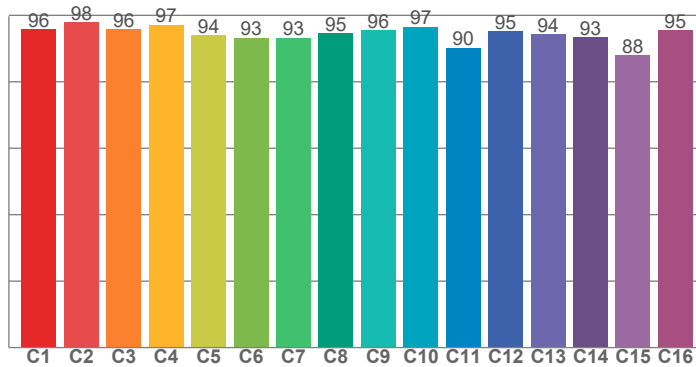
Spectra



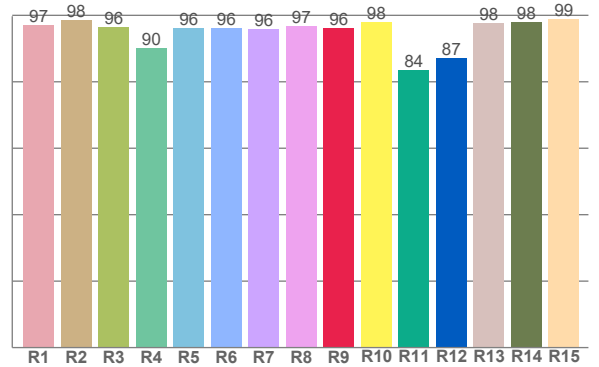
COLOR DETAILS



TM30: 94,3



CRI: 95,9 (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
97,0	98,5	96,4	90,1	96,2	96,2	95,8	96,8	96,2	98,0	83,6	87,1	97,7	97,9	99,0

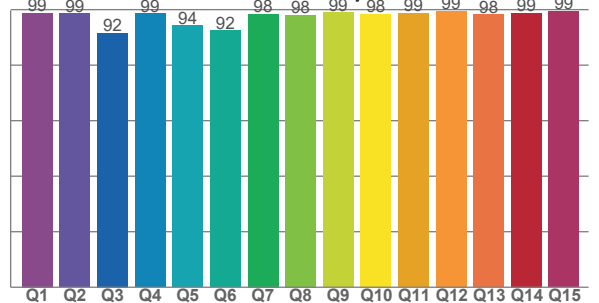
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,8	97,8	95,9	97,2	94,0	93,3	93,2	94,6	95,5	96,6	90,2	95,2	94,4	93,4	88,0	95,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,8	98,6	91,6	98,7	94,2	92,4	98,4	98,1	98,9	98,5	98,7	99,4	98,3	98,8	99,4

CQS: 96,5



COLOR PARAMETERS

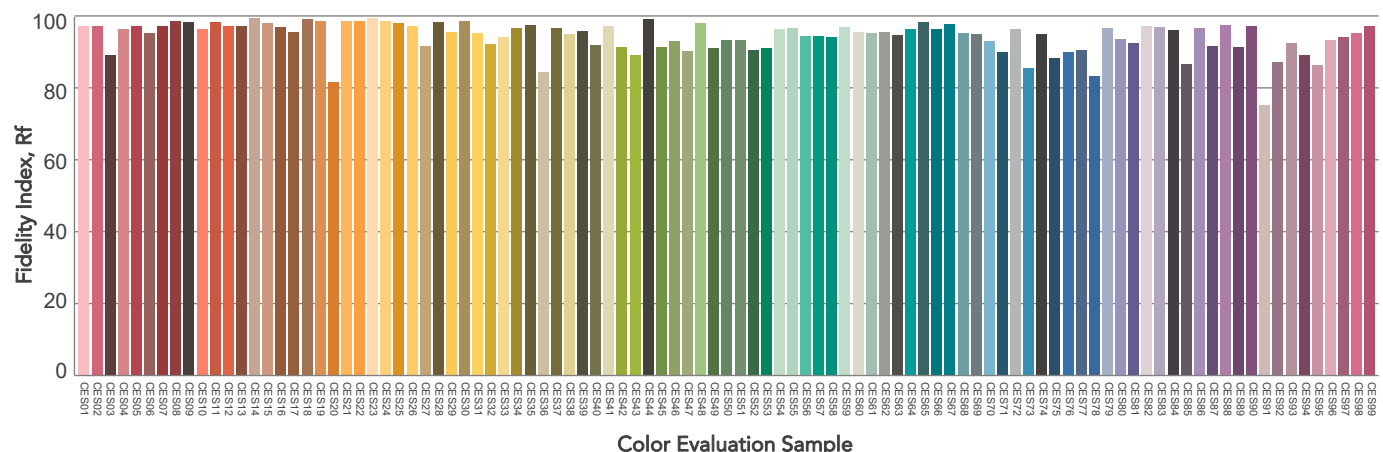
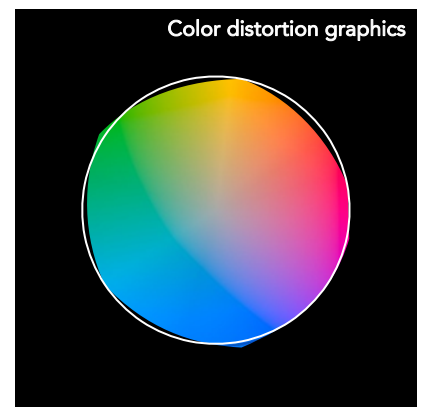
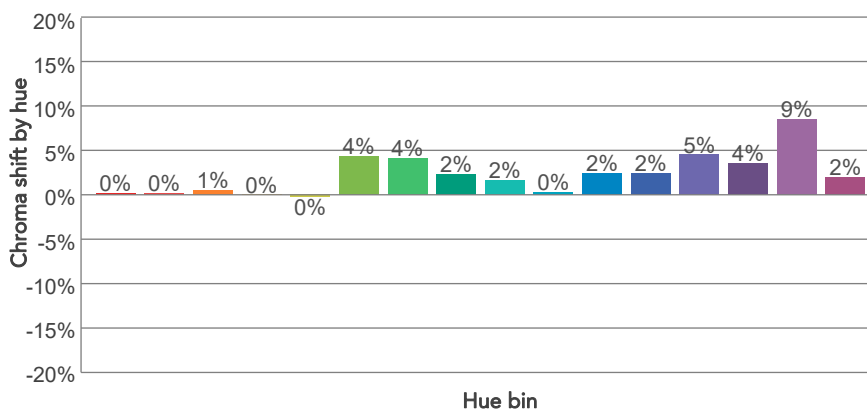
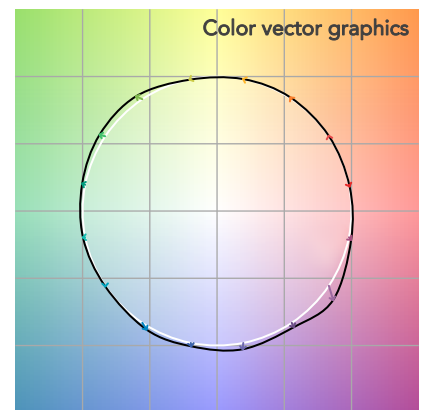
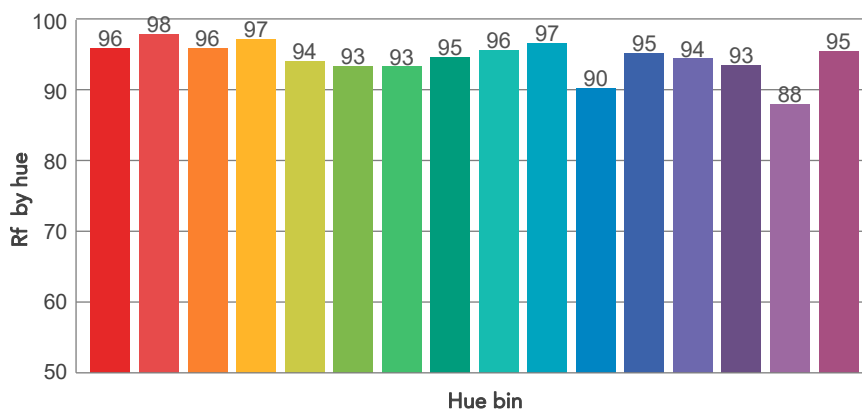
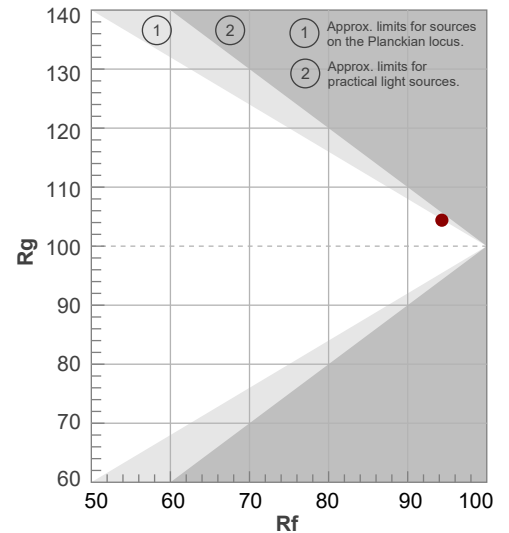
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5706 K	95,9	96,2	94,3	104,4	96,5	93	0,328	0,337	0,0001

TM30 DETAILS

Rf 94,3
Fidelity index Rf

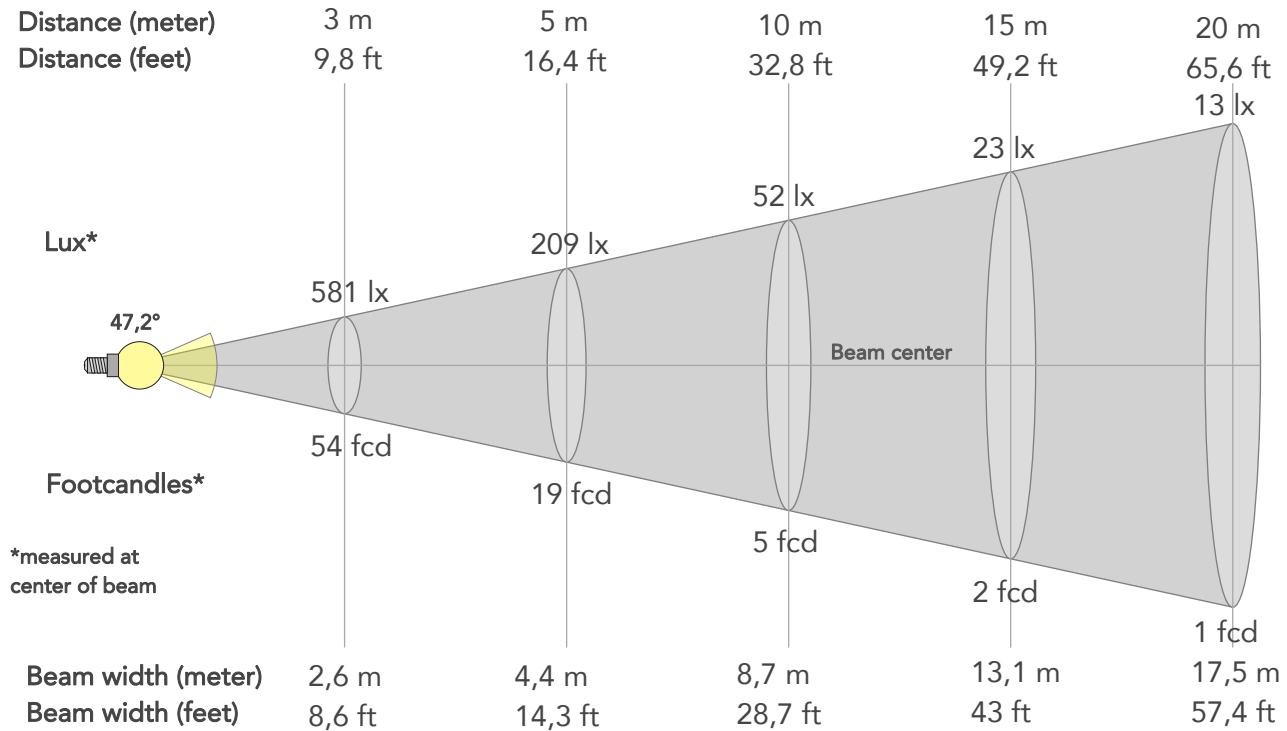
Rg 104,4
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	98	0%	0%
3	96	1%	2%
4	97	0%	0%
5	94	0%	1%
6	93	4%	3%
7	93	4%	1%
8	95	2%	0%
9	96	2%	0%
10	97	0%	0%
11	90	2%	5%
12	95	2%	1%
13	94	5%	-1%
14	93	4%	0%
15	88	9%	-7%
16	95	2%	-2%



BEAM DETAILS

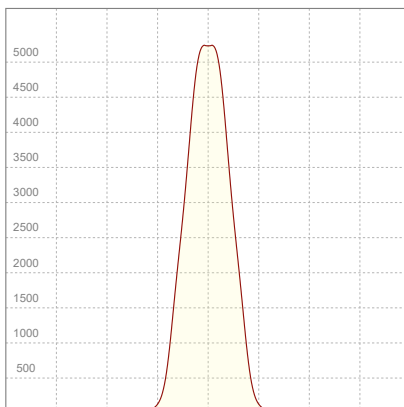
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,2°	75,2°	89,7°	99,7%	97,9%



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	5232lx	1308lx	581lx	327lx	209lx	93lx	52lx	23lx	13lx	8lx	6lx	3lx	2lx
Footcand.	486fcd	122fcd	54fcd	30fcd	19fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,4m	6,6m	8,7m	13,1m	17,5m	21,9m	26,2m	35m	43,7m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,3ft	21,5ft	28,7ft	43ft	57,4ft	71,7ft	86ft	114,7ft	143,4ft

LINEAR DISTRIBUTION DIAGRAM

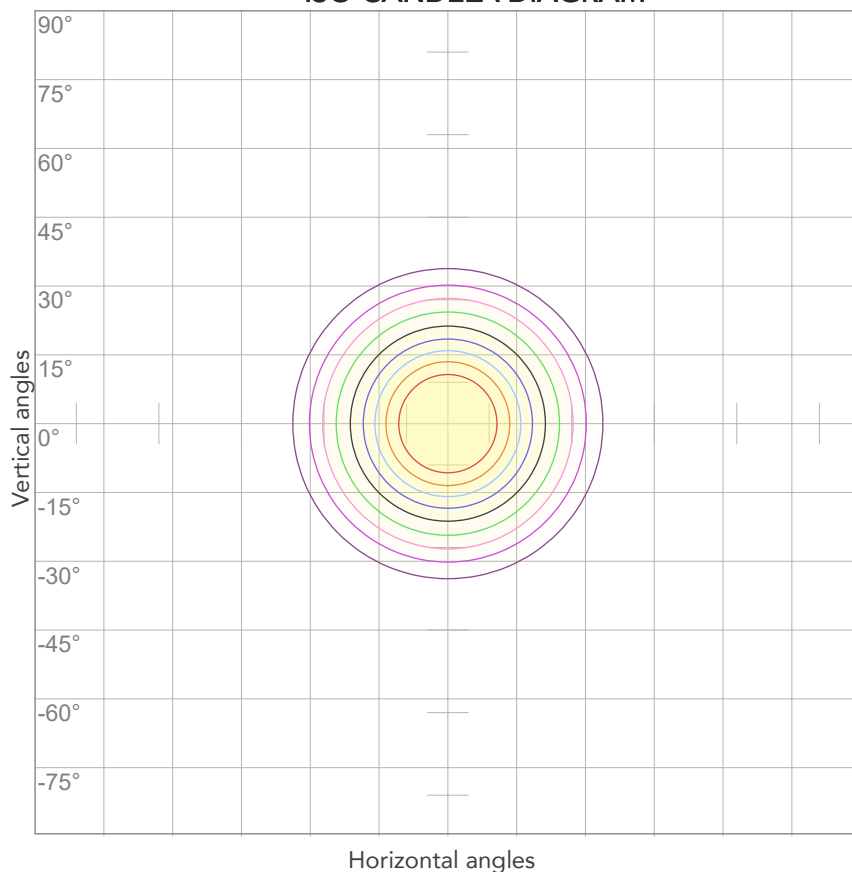


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,554A	124W	0,99	28lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



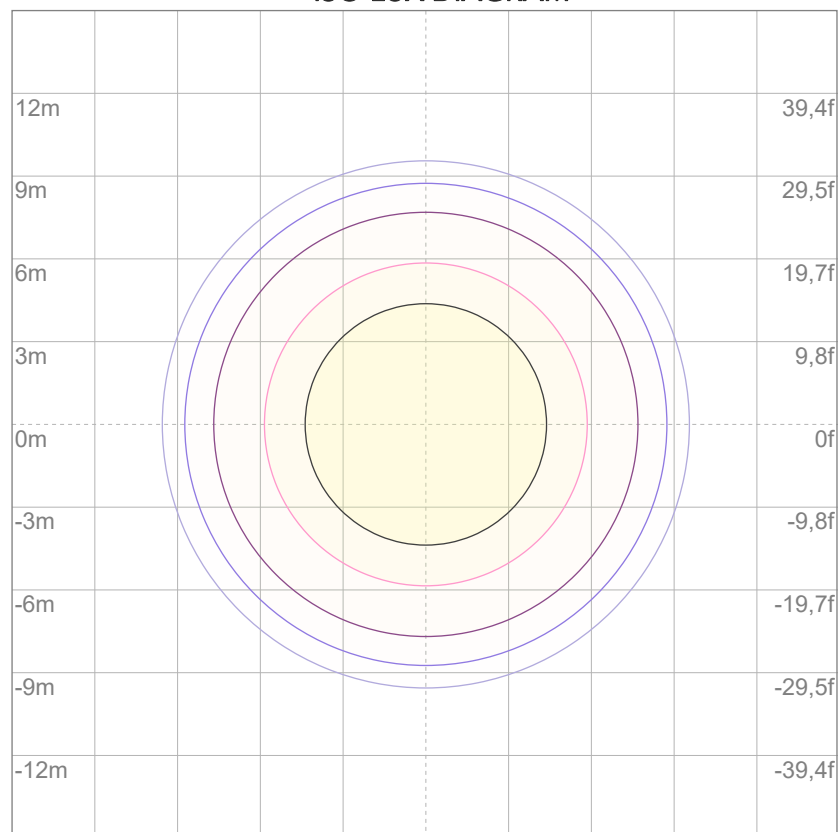
10%	523 cd
20%	1046 cd
30%	1570 cd
40%	2093 cd
50%	2616 cd
60%	3139 cd
70%	3662 cd
80%	4186 cd

Conditions:

Number of c-planes: 2

Candela at center: 5232 cd

ISO LUX DIAGRAM



3%	1,57 lx
5%	2,62 lx
10%	5,23 lx
30%	15,7 lx
50%	26,2 lx

Conditions:

Number of c-planes: 2

Lux at center: 52,3 lx

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



Total lumen output:

3190 lm

Peak candela output:

15066 cd

Light quality:

CRI: 96,4

Color temperature:

5665 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

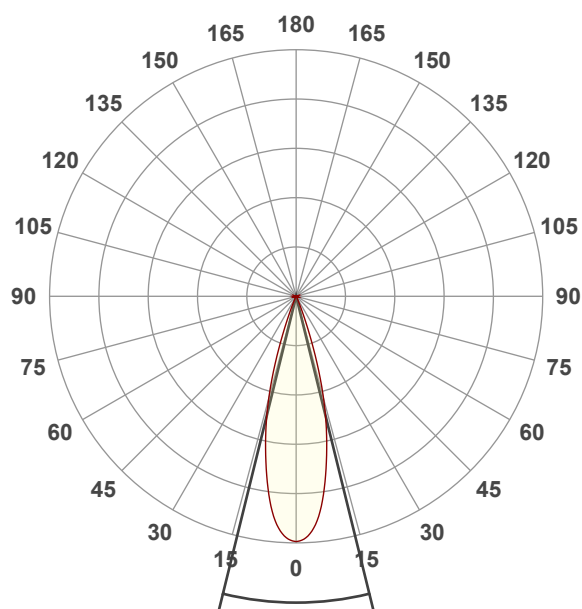
5600K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 16:57:51

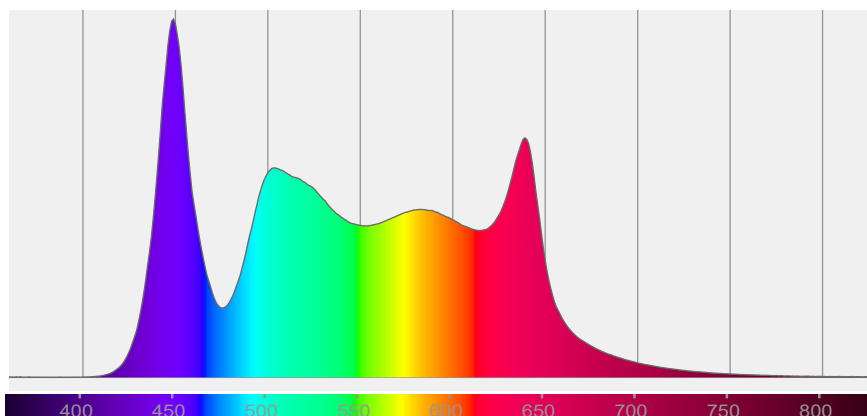


Beam angle 50%: 27,7°

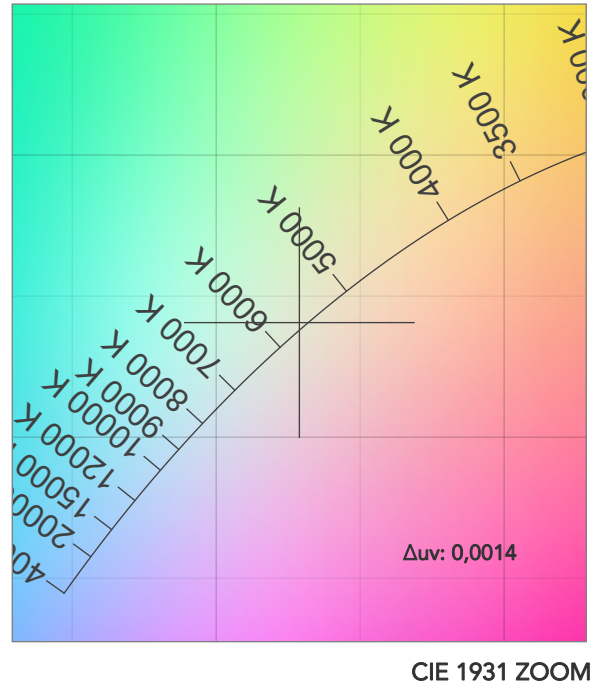
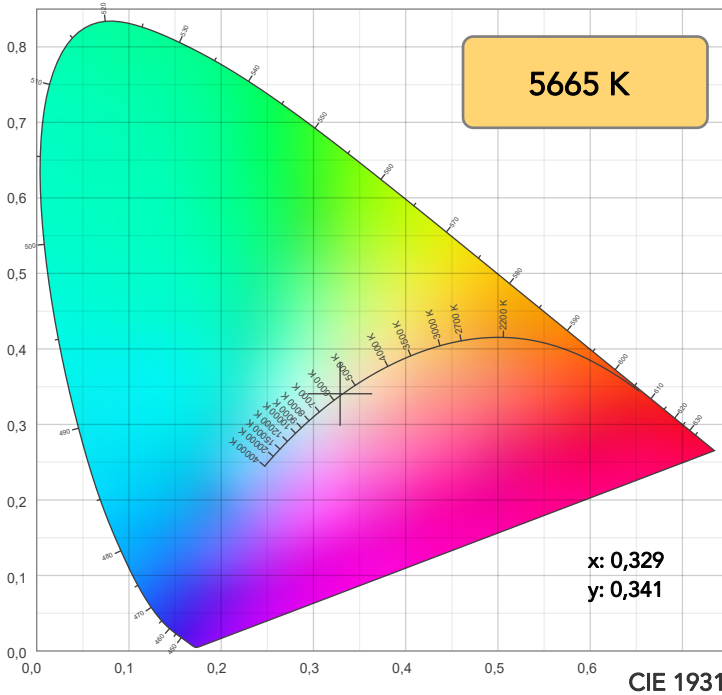
Field angle 10%: 41,6°

Cut off angle 2.5%: 48,3°

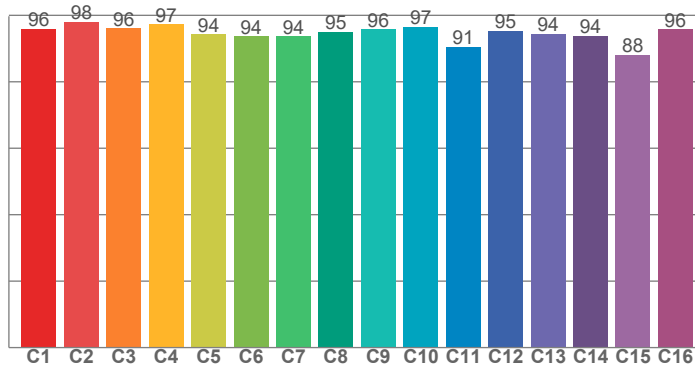
Spectra



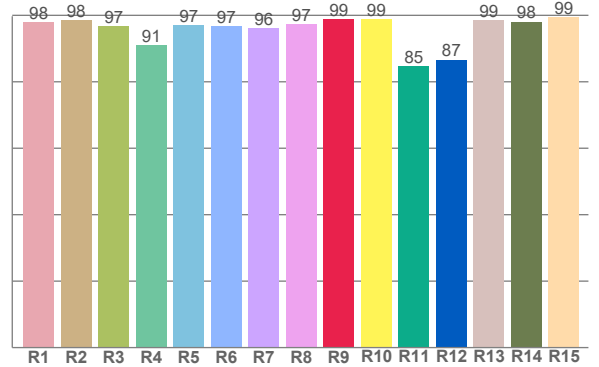
COLOR DETAILS



TM30: 94,6



CRI: 96,4 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,0	98,4	96,7	91,0	97,0	96,7	96,0	97,4	98,9	98,7	84,6	86,6	98,7	98,1	99,4

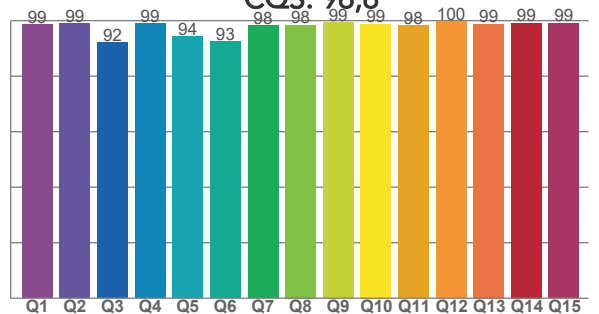
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,9	98,1	96,1	97,3	94,3	93,7	93,7	95,0	95,7	96,6	90,6	95,4	94,4	93,9	88,1	95,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,6	98,9	92,2	98,9	94,3	92,5	98,2	98,3	99,3	98,9	98,2	99,7	98,9	99,2	99,1

CQS: 96,6



COLOR PARAMETERS

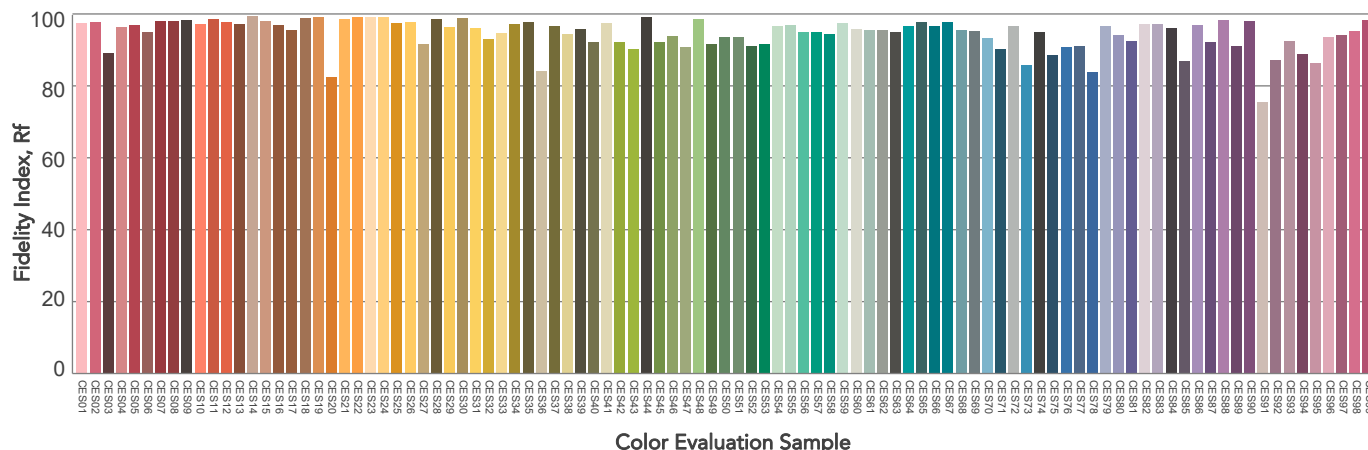
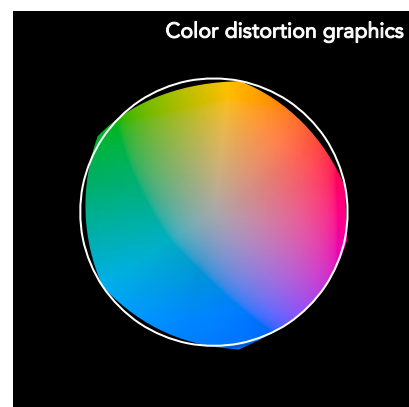
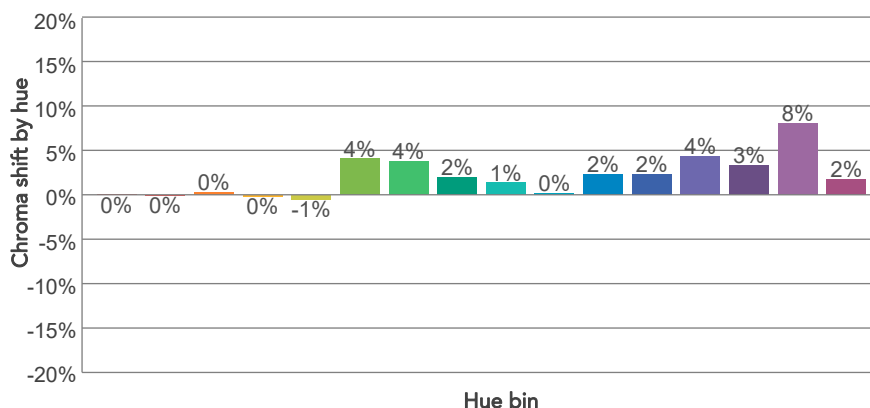
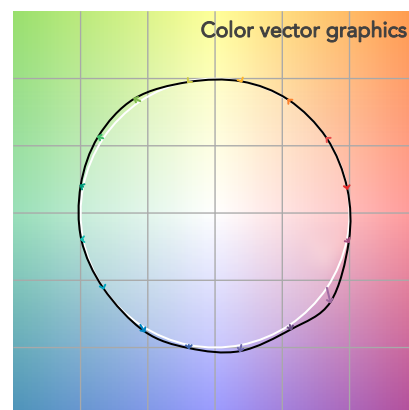
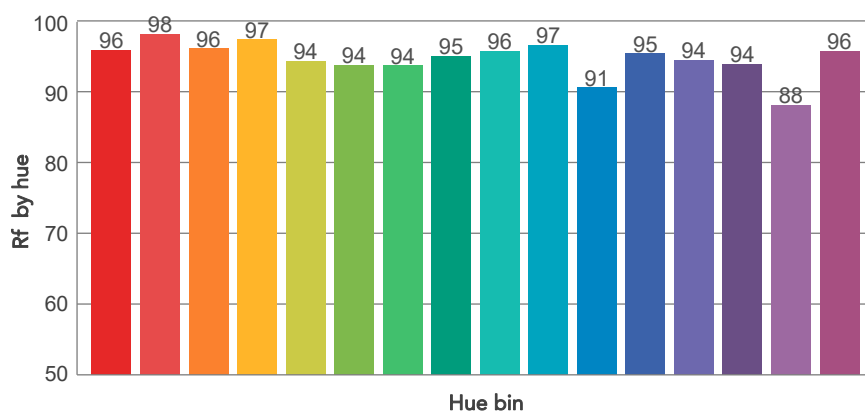
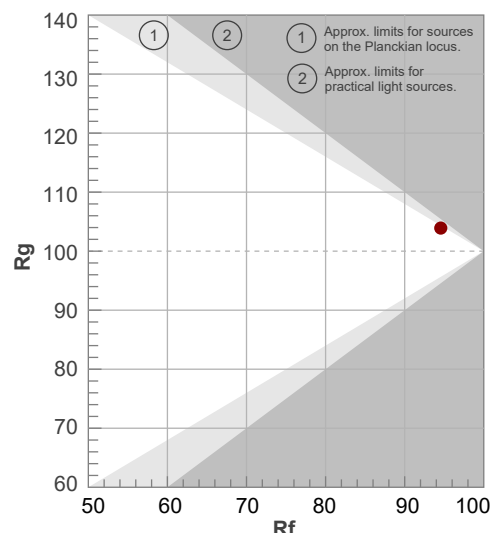
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5665 K	96,4	98,9	94,6	103,9	96,6	93	0,329	0,341	0,0014

TM30 DETAILS

Rf 94,6
Fidelity index Rf

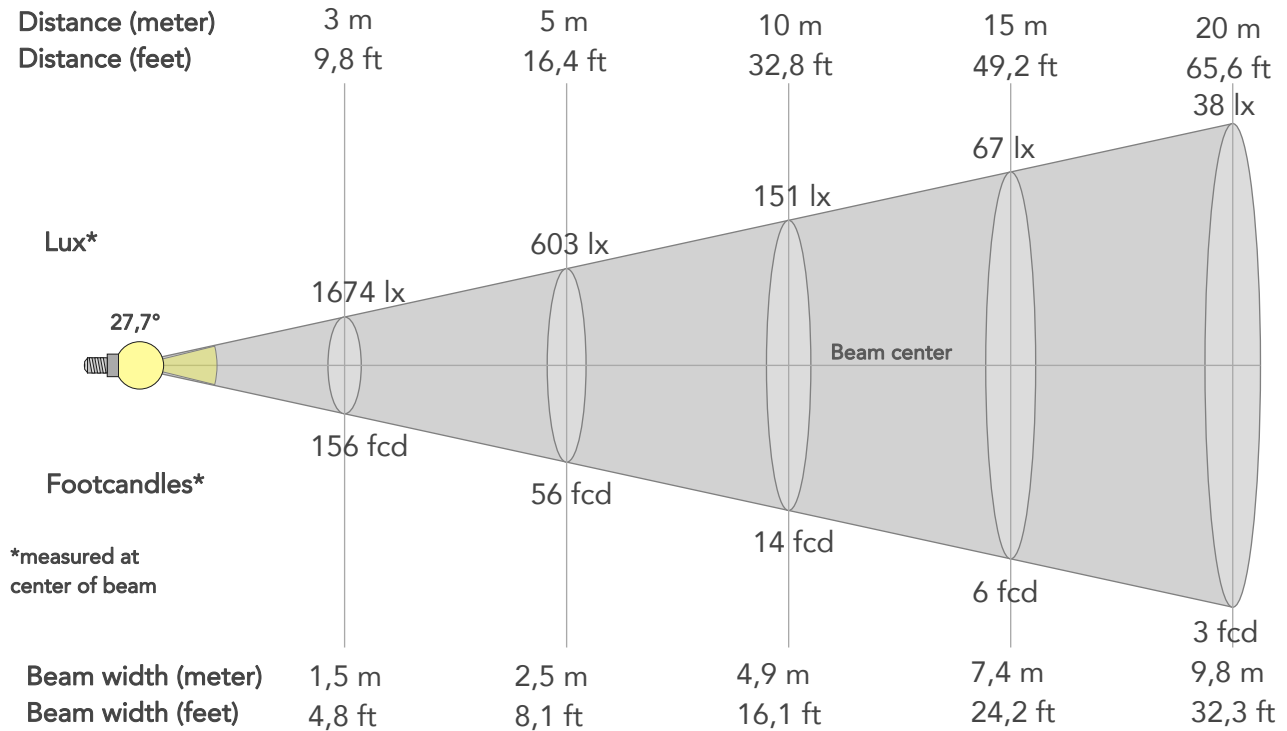
Rg 103,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	98	0%	0%
3	96	0%	1%
4	97	0%	0%
5	94	-1%	1%
6	94	4%	3%
7	94	4%	1%
8	95	2%	0%
9	96	1%	0%
10	97	0%	0%
11	91	2%	5%
12	95	2%	1%
13	94	4%	-2%
14	94	3%	-1%
15	88	8%	-7%
16	96	2%	-2%



BEAM DETAILS

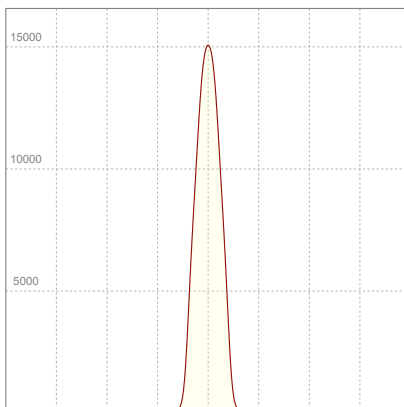
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,7°	41,6°	48,3°	99,7%	99,1%



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	15066lx	3767lx	1674lx	942lx	603lx	268lx	151lx	67lx	38lx	24lx	17lx	9lx	6lx
Footcand.	1400fcd	350fcd	156fcd	87fcd	56fcd	25fcd	14fcd	6fcd	3fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,5m	1m	1,5m	2m	2,5m	3,7m	4,9m	7,4m	9,8m	12,3m	14,8m	19,7m	24,6m
Beam wid.	1,6ft	3,2ft	4,8ft	6,4ft	8,1ft	12,1ft	16,1ft	24,2ft	32,3ft	40,4ft	48,4ft	64,6ft	80,7ft

LINEAR DISTRIBUTION DIAGRAM

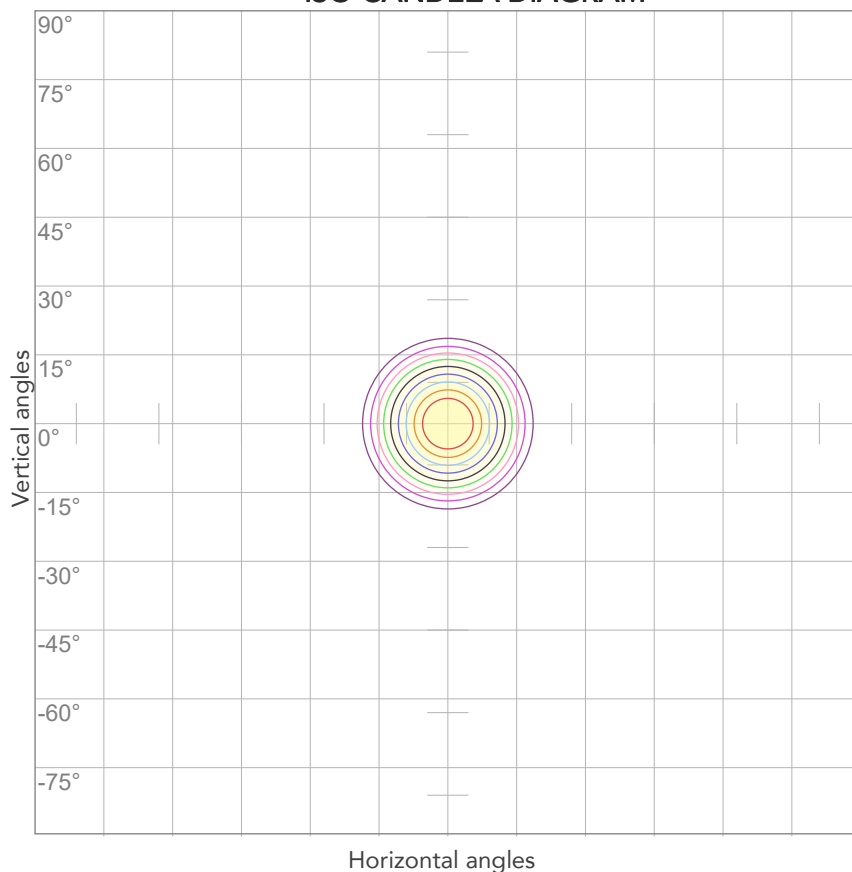


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,548A	122,2W	0,99	26lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



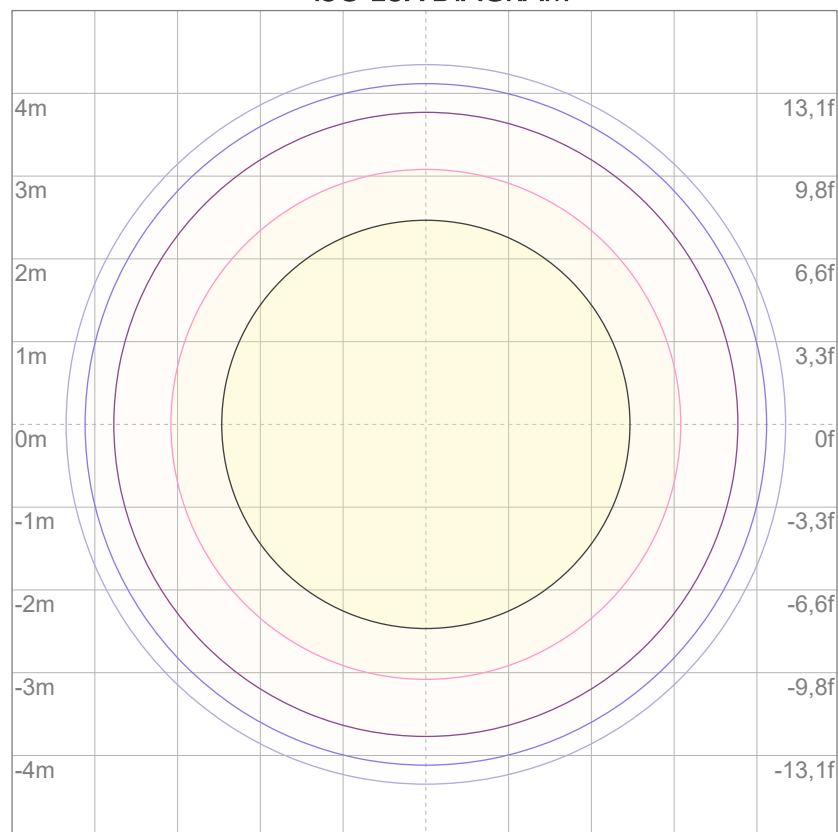
10%	1507 cd
20%	3013 cd
30%	4520 cd
40%	6027 cd
50%	7533 cd
60%	9040 cd
70%	10547 cd
80%	12053 cd

Conditions:

Number of c-planes: 2

Candela at center: 15066 cd

ISO LUX DIAGRAM



3%	4,52 lx
5%	7,53 lx
10%	15,1 lx
30%	45,2 lx
50%	75,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 151 lx

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



Total lumen output:

2356 lm

Peak candela output:

61371 cd

Light quality:

CRI: 96,2

Color temperature:

5726 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

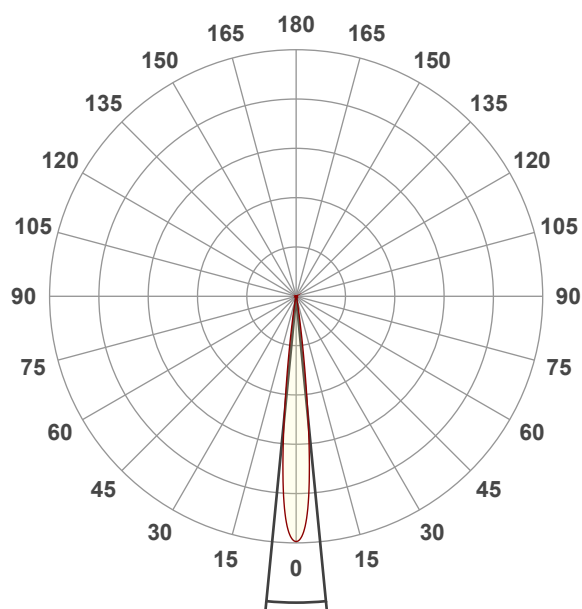
5600K

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 11:55:10

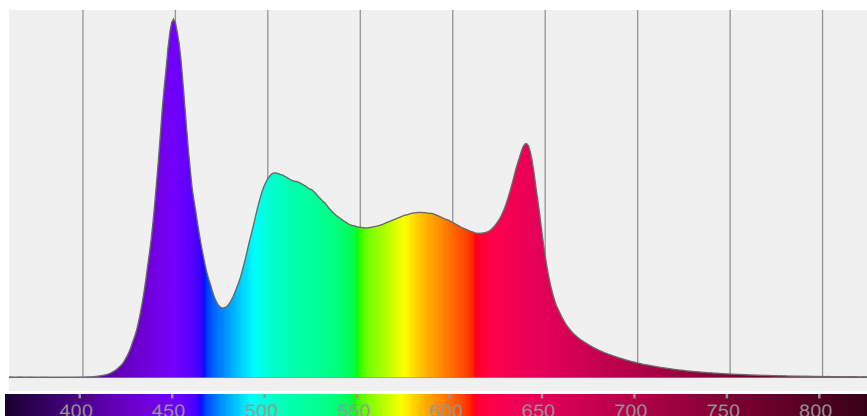


Beam angle 50%: 11,2°

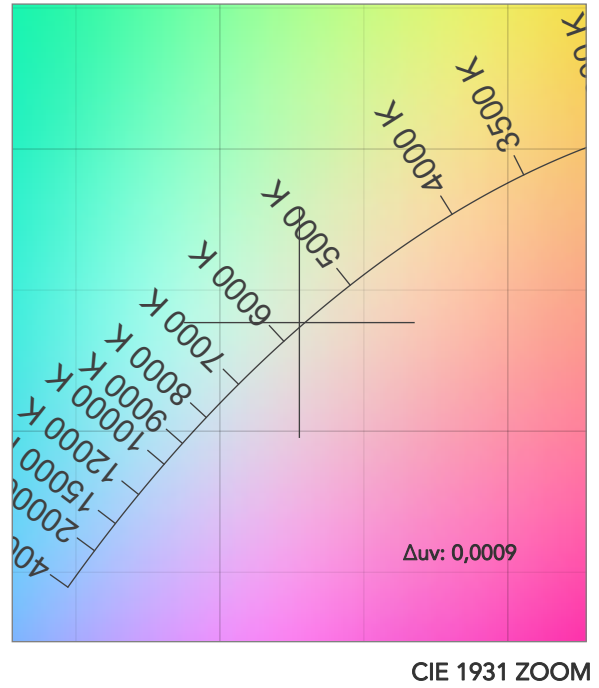
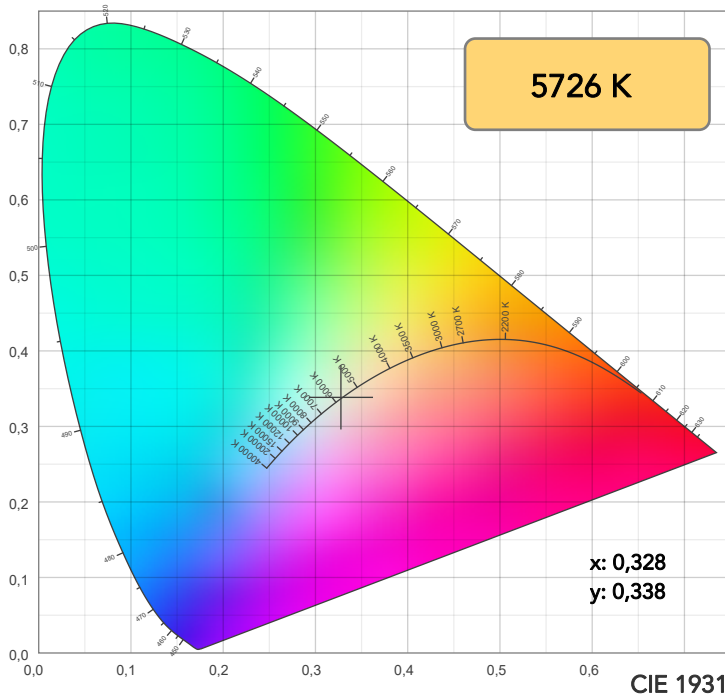
Field angle 10%: 17,3°

Cut off angle 2.5%: 21,9°

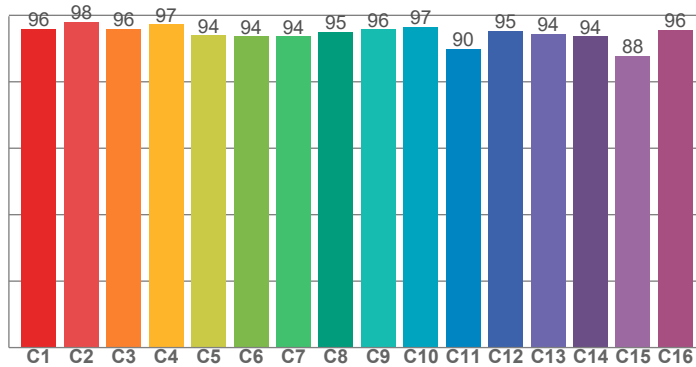
Spectra



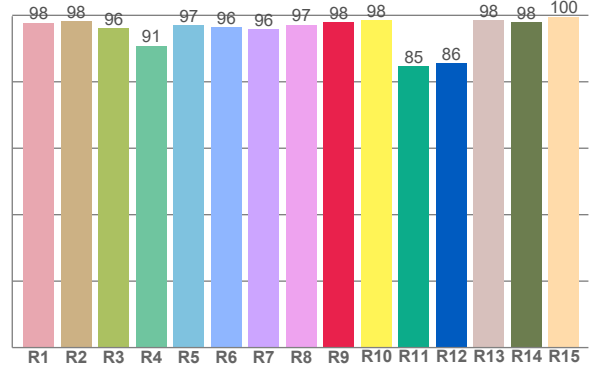
COLOR DETAILS



TM30: 94,4



CRI: 96,2 (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
97,8	98,3	96,2	90,9	97,0	96,5	95,9	97,2	97,8	98,5	84,6	85,7	98,5	97,9	99,6

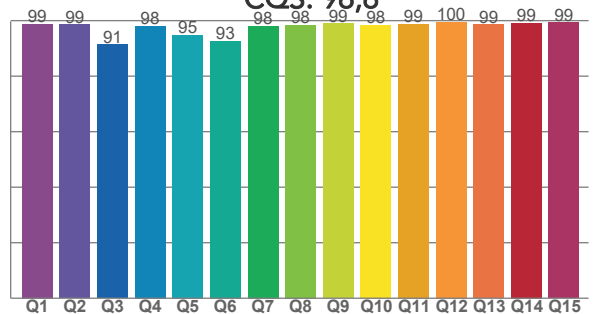
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,0	98,1	96,0	97,3	93,9	93,6	93,7	95,0	95,8	96,6	89,9	95,3	94,5	93,6	87,9	95,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,8	98,7	91,3	98,1	94,8	92,7	98,0	98,4	99,0	98,4	98,8	99,5	98,6	99,2	99,4

CQS: 96,6



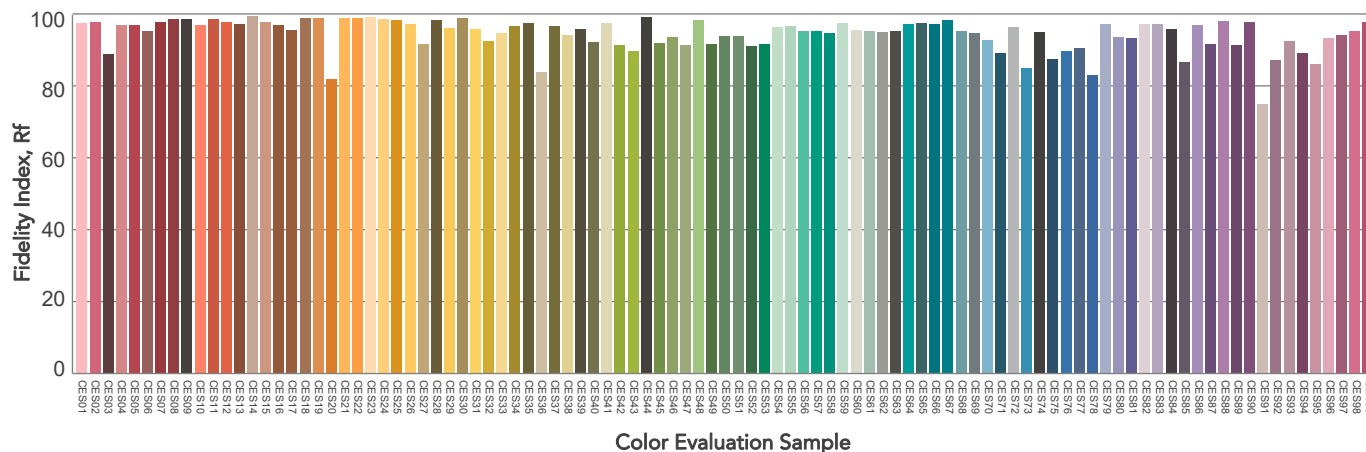
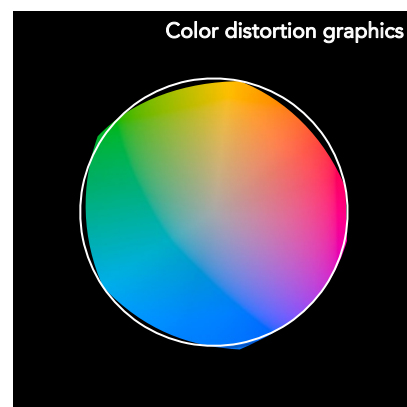
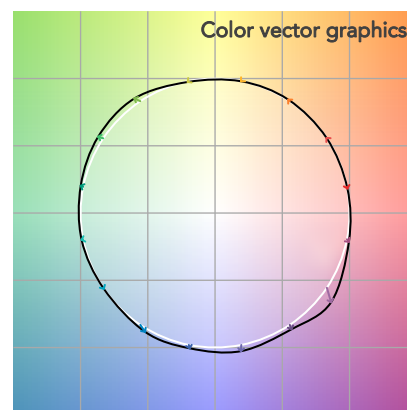
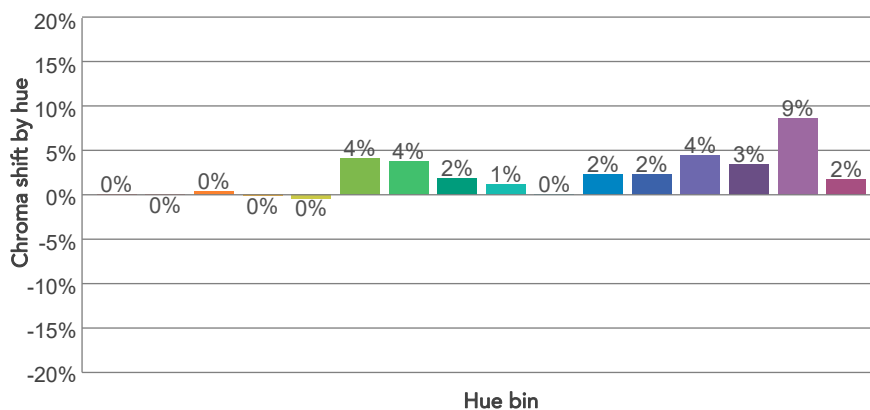
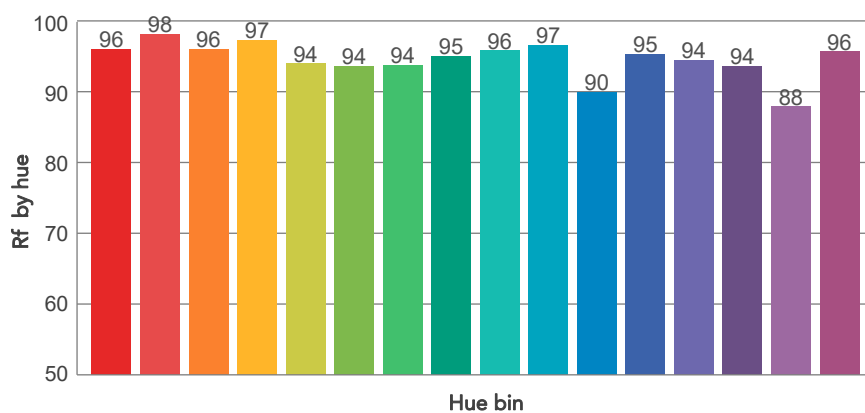
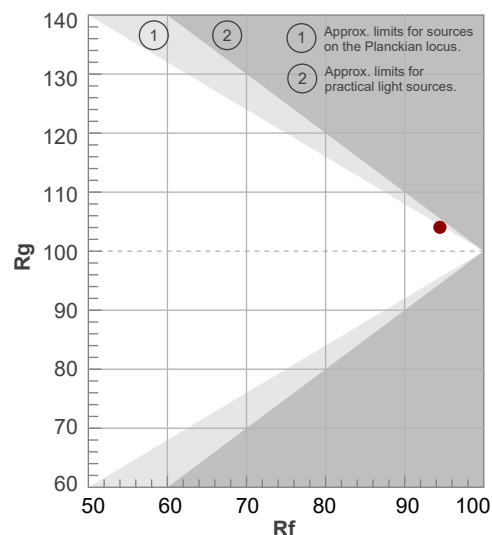
COLOR PARAMETERS

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
5726 K	96,2	97,8	94,4	104,0	96,6	93	0,328	0,338	0,0009

Fidelity index R_f

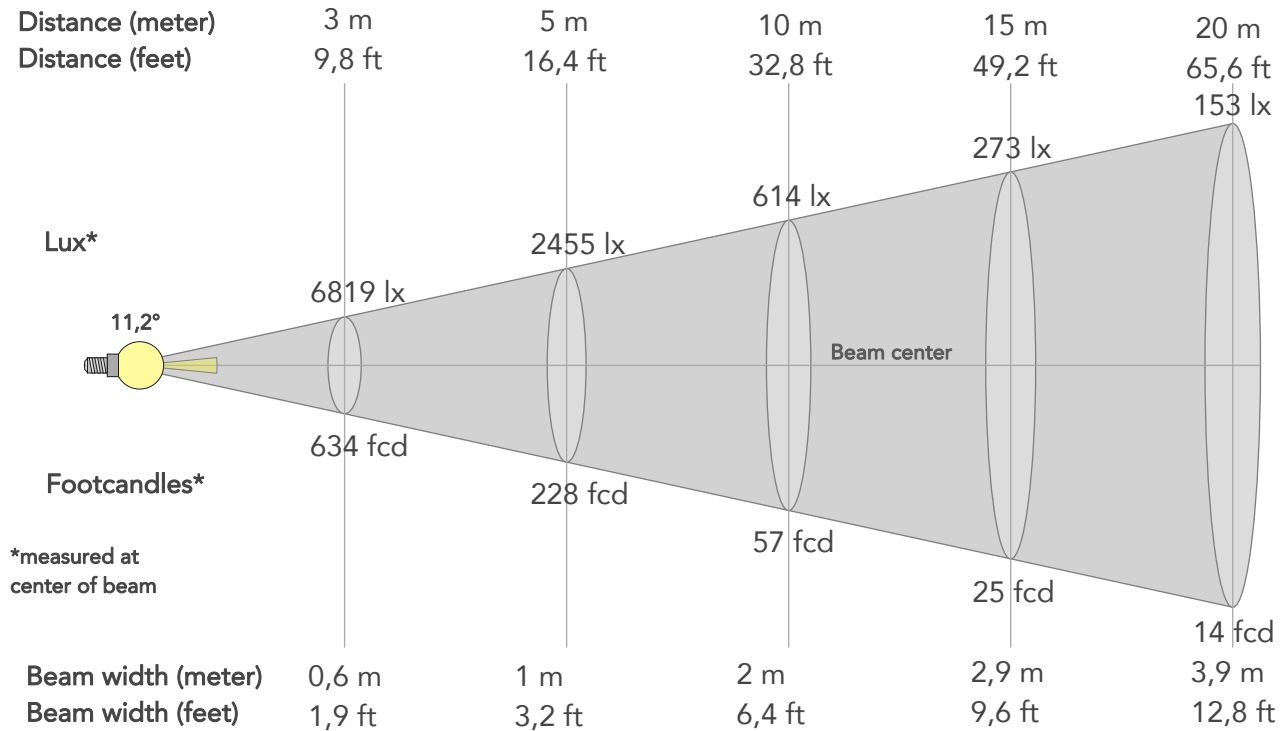
Gammut index

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	96	0%	-1%
2	98	0%	0%
3	96	0%	2%
4	97	0%	0%
5	94	0%	1%
6	94	4%	3%
7	94	4%	1%
8	95	2%	0%
9	96	1%	0%
10	97	0%	1%
11	90	2%	6%
12	95	2%	1%
13	94	4%	-1%
14	94	3%	-1%
15	88	9%	-7%
16	96	2%	-2%



BEAM DETAILS

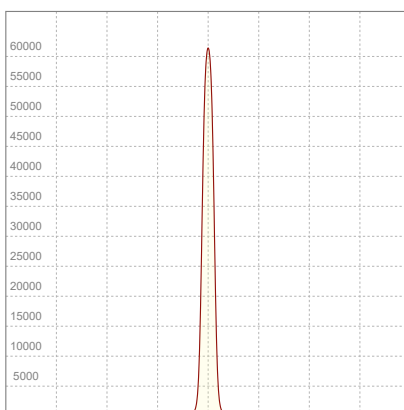
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,2°	17,3°	21,9°	99,9%	99,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	61371lx	15343lx	6819lx	3836lx	2455lx	1091lx	614lx	273lx	153lx	98lx	68lx	38lx	25lx
Footcand.	5702fcd	1425fcd	634fcd	356fcd	228fcd	101fcd	57fcd	25fcd	14fcd	9fcd	6fcd	4fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	2,9m	3,9m	4,9m	5,9m	7,8m	9,8m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,6ft	12,8ft	16ft	19,2ft	25,6ft	32ft

LINEAR DISTRIBUTION DIAGRAM

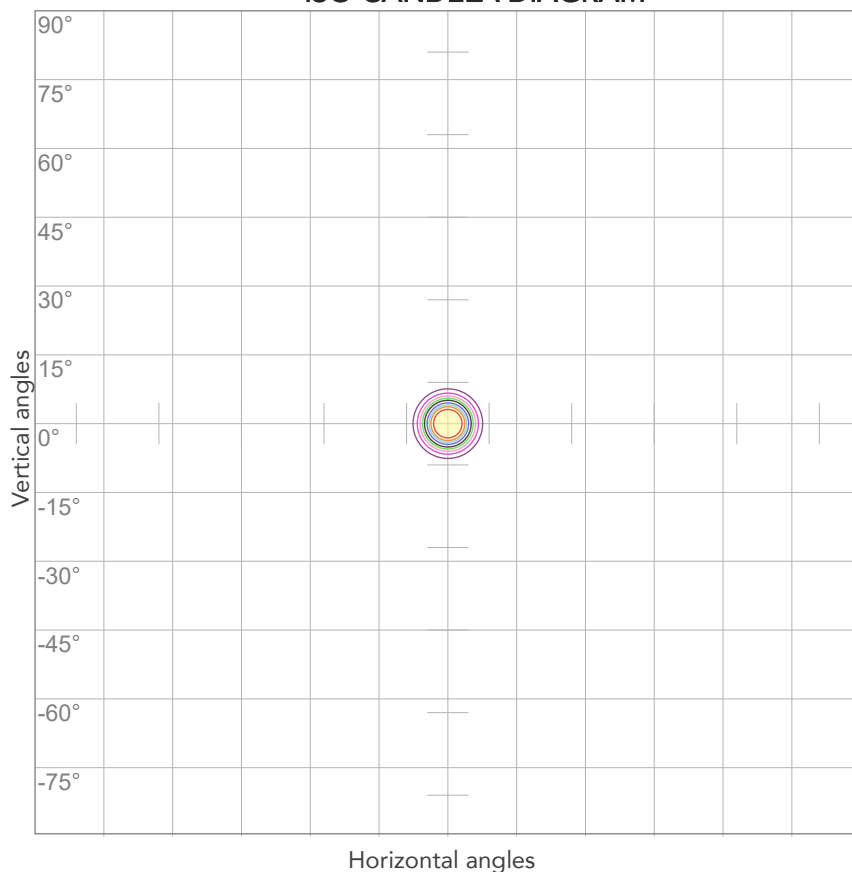


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,553A	122,6W	0,98	19lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



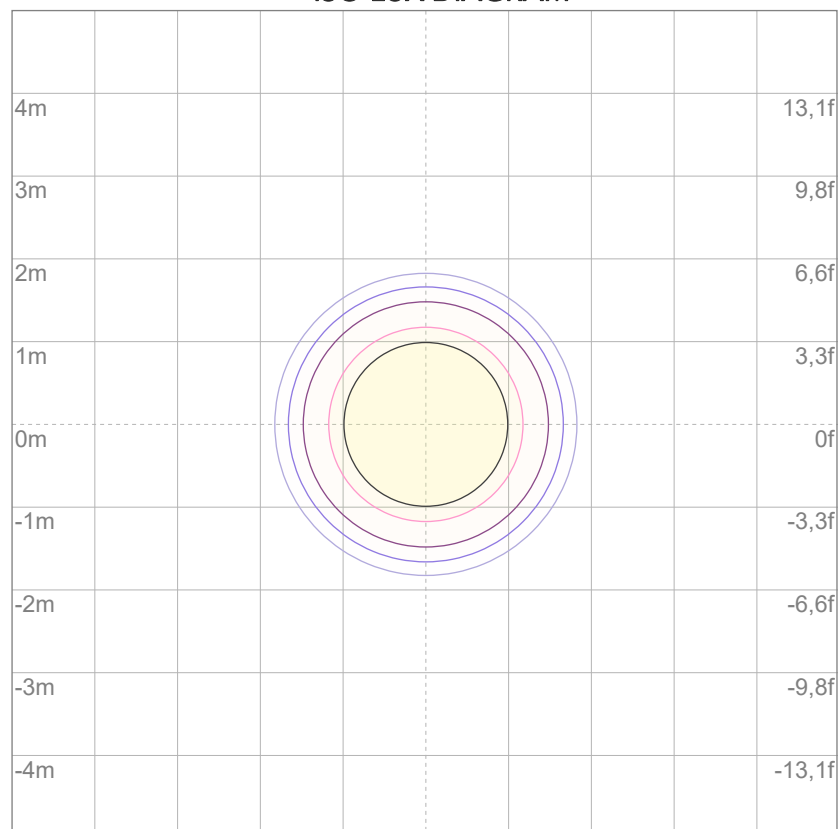
10%	6137 cd
20%	12274 cd
30%	18411 cd
40%	24548 cd
50%	30685 cd
60%	36822 cd
70%	42959 cd
80%	49096 cd

Conditions:

Number of c-planes: 2

Candela at center: 61371 cd

ISO LUX DIAGRAM



3%	18,4 lx
5%	30,7 lx
10%	61,4 lx
30%	184 lx
50%	307 lx

Conditions:

Number of c-planes: 2

Lux at center: 614 lx

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



Total lumen output:

3473 lm

Peak candela output:

5310 cd

Light quality:

CRI: 95,9

Color temperature:

6024 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

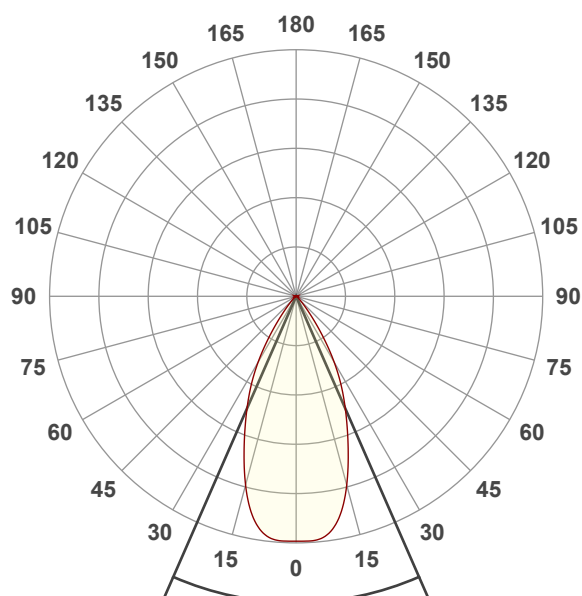
6000K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 18:52:38

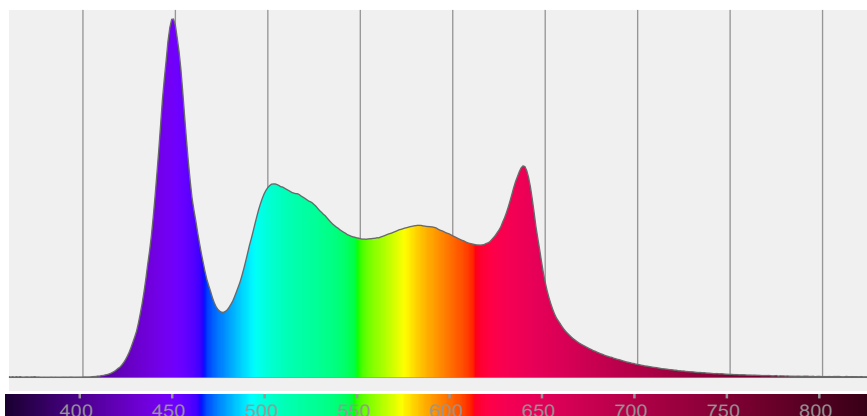


Beam angle 50%: 47,3°

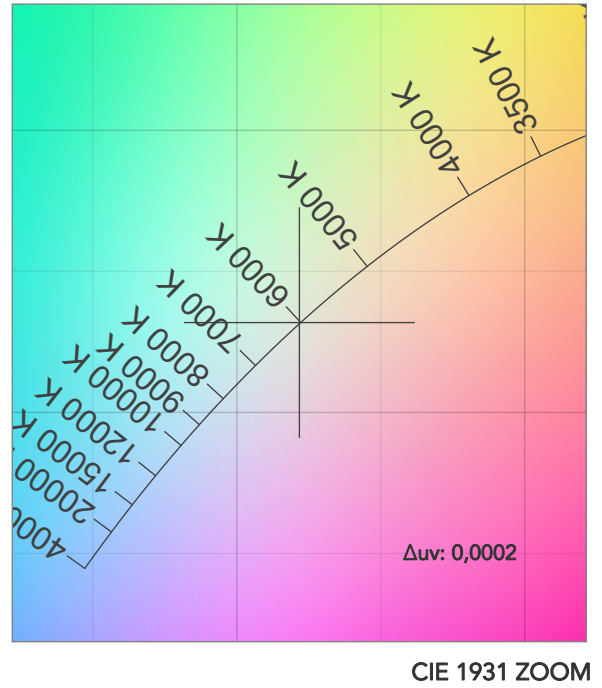
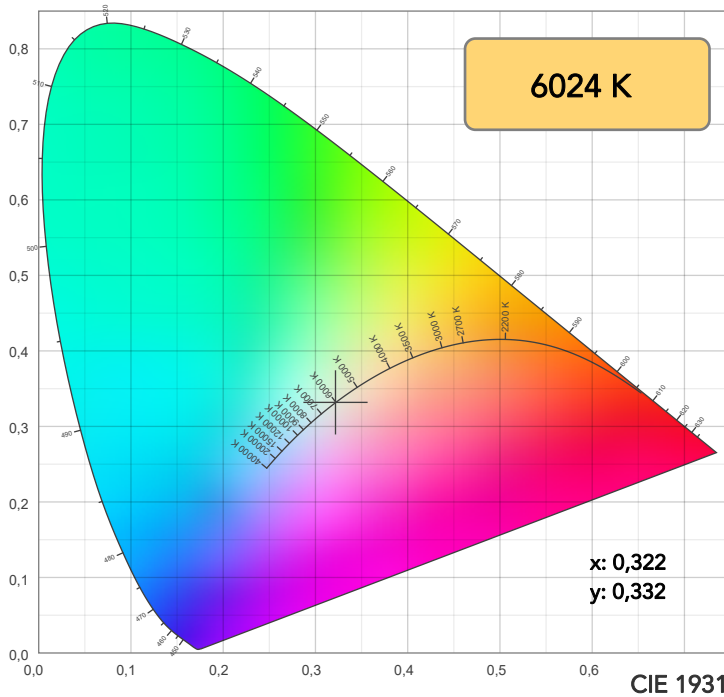
Field angle 10%: 75,3°

Cut off angle 2.5%: 89,9°

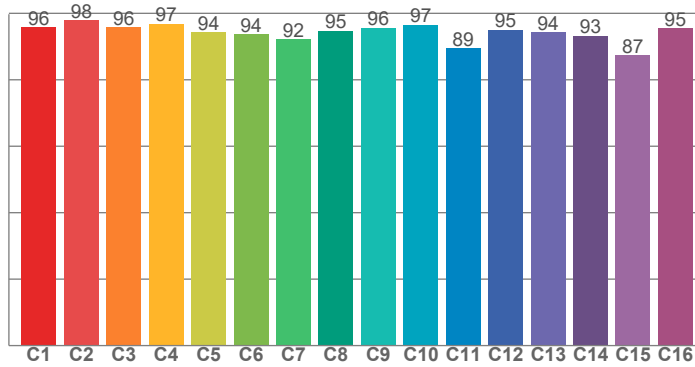
Spectra



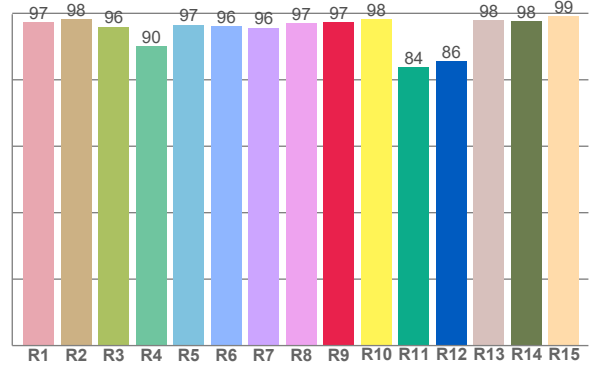
COLOR DETAILS



TM30: 94,2



CRI: 95,9 (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
97,2	98,2	96,0	90,1	96,6	96,1	95,7	96,9	97,3	98,2	83,7	85,6	98,0	97,7	99,2

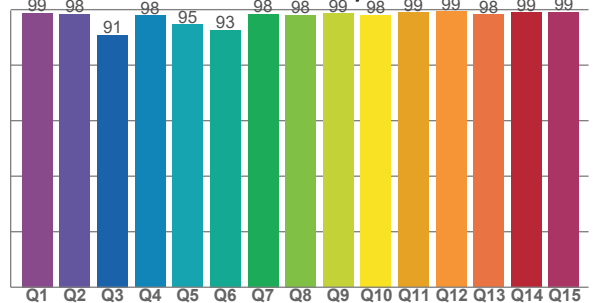
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,7	97,9	95,8	96,9	94,3	93,8	92,1	94,8	95,6	96,5	89,4	95,0	94,2	93,3	87,4	95,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,7	98,5	90,9	97,8	94,7	92,7	98,4	98,0	98,7	98,1	99,0	99,3	98,3	98,9	99,2

CQS: 96,4



COLOR PARAMETERS

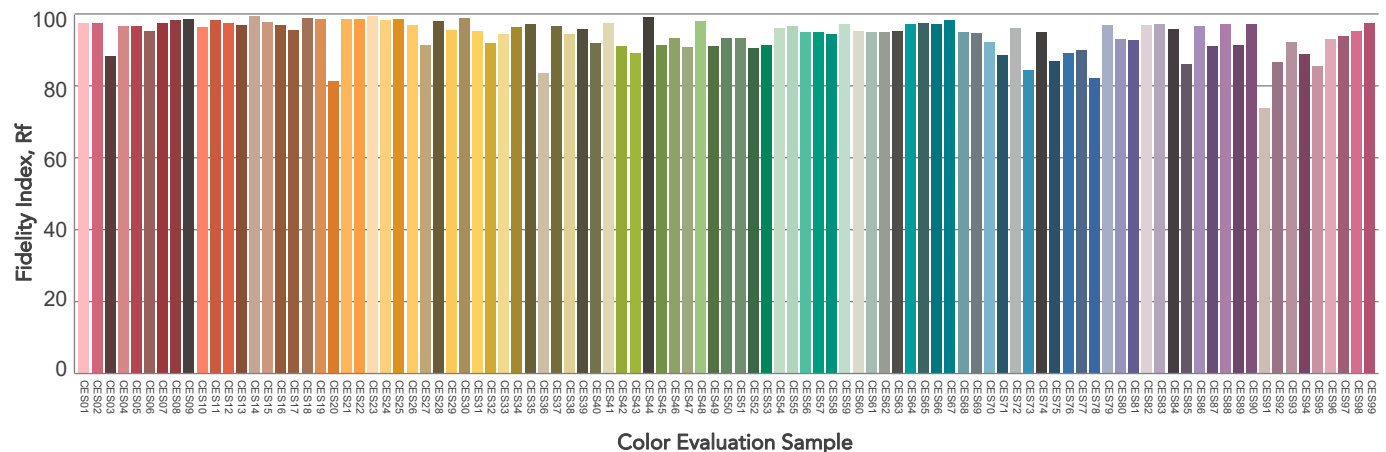
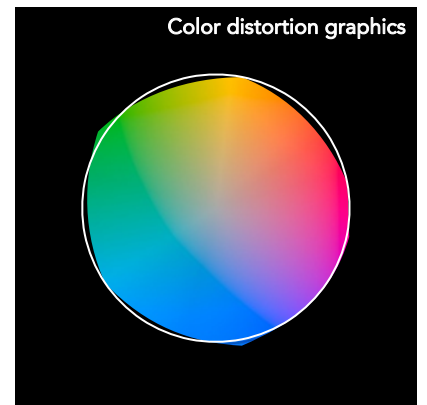
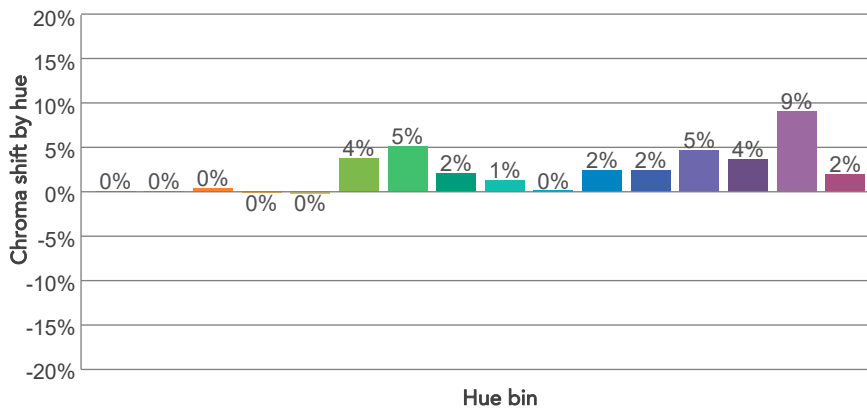
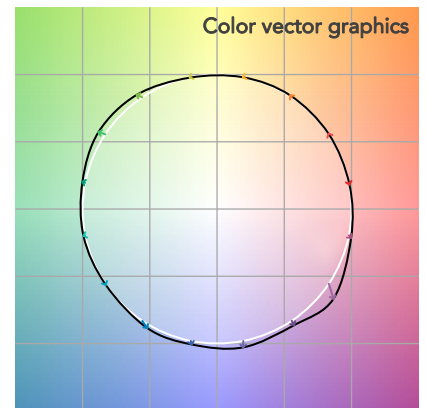
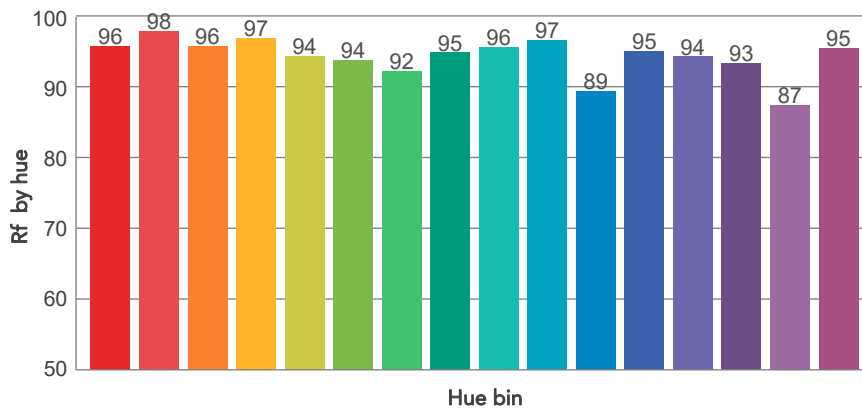
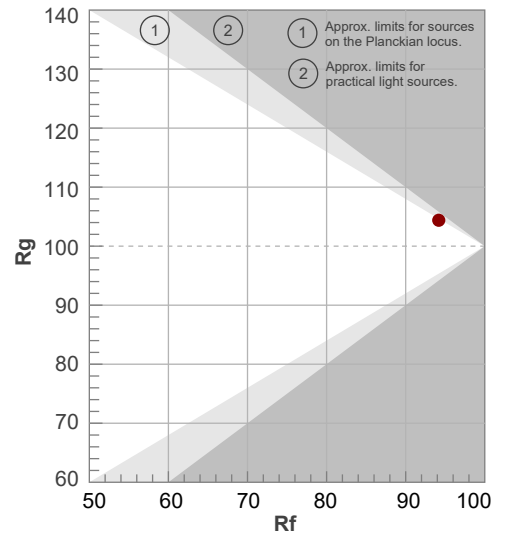
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6024 K	95,9	97,3	94,2	104,4	96,4	93	0,322	0,332	0,0002

TM30 DETAILS

Rf 94,2
Fidelity index Rf

Rg 104,4
Gammut index

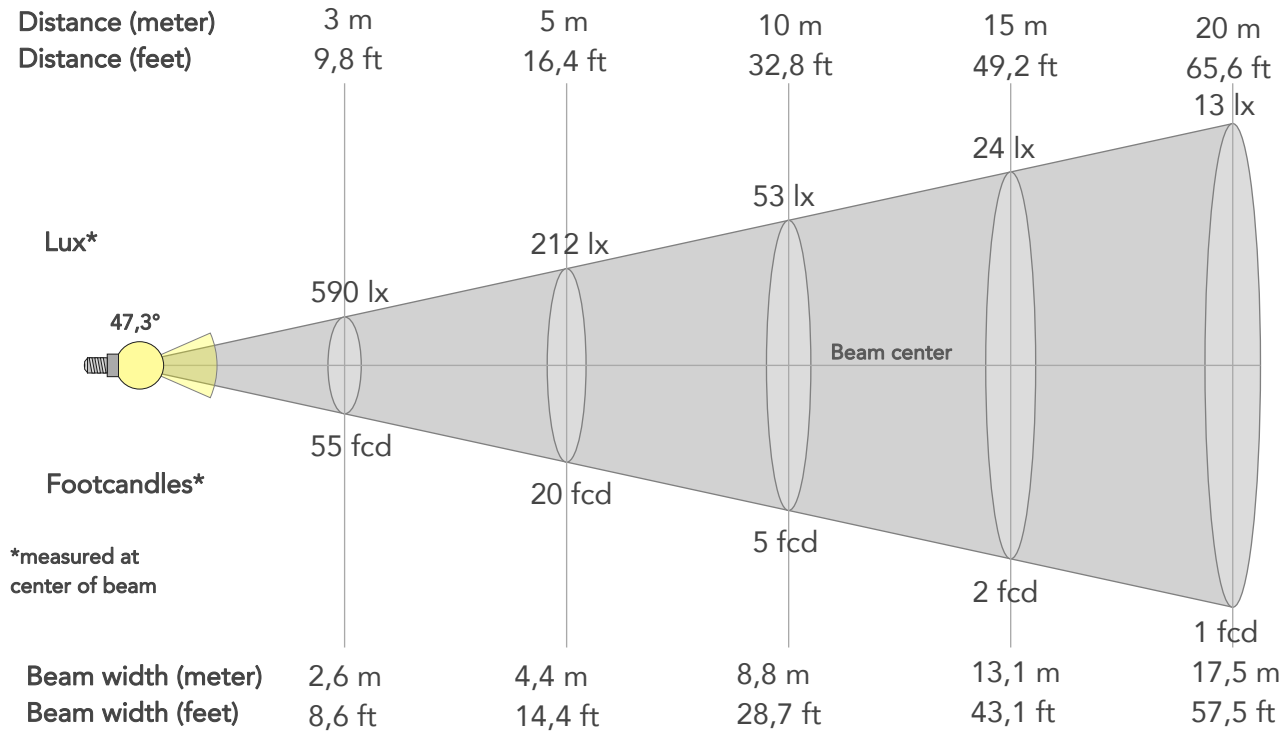
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	98	0%	0%
3	96	0%	2%
4	97	0%	0%
5	94	0%	1%
6	94	4%	3%
7	92	5%	1%
8	95	2%	0%
9	96	1%	0%
10	97	0%	1%
11	89	2%	6%
12	95	2%	1%
13	94	5%	-1%
14	93	4%	0%
15	87	9%	-7%
16	95	2%	-2%



BEAM DETAILS



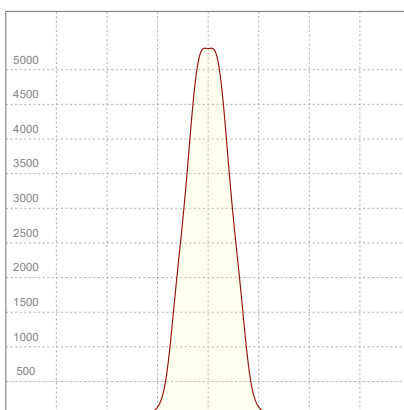
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,3°	75,3°	89,9°	99,6%	97,8%



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	5307lx	1327lx	590lx	332lx	212lx	94lx	53lx	24lx	13lx	8lx	6lx	3lx	2lx
Footcand.	493fcd	123fcd	55fcd	31fcd	20fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,1m	17,5m	21,9m	26,3m	35m	43,8m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,4ft	21,5ft	28,7ft	43,1ft	57,5ft	71,8ft	86,2ft	114,9ft	143,6ft

LINEAR DISTRIBUTION DIAGRAM

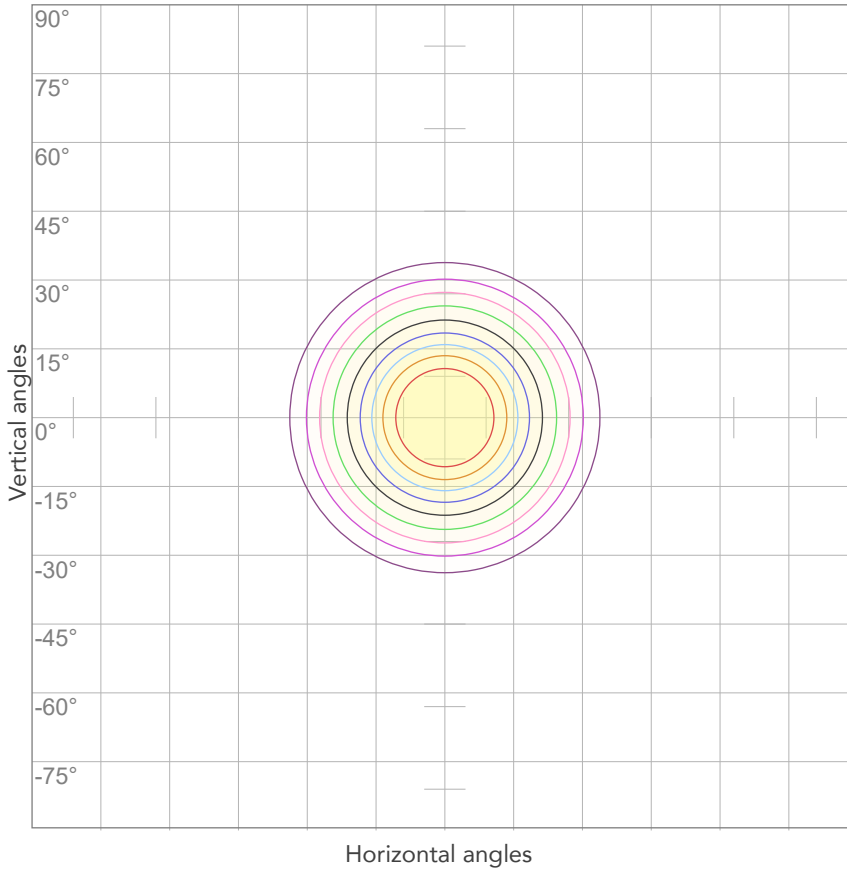


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,554A	124,4W	0,98	28lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



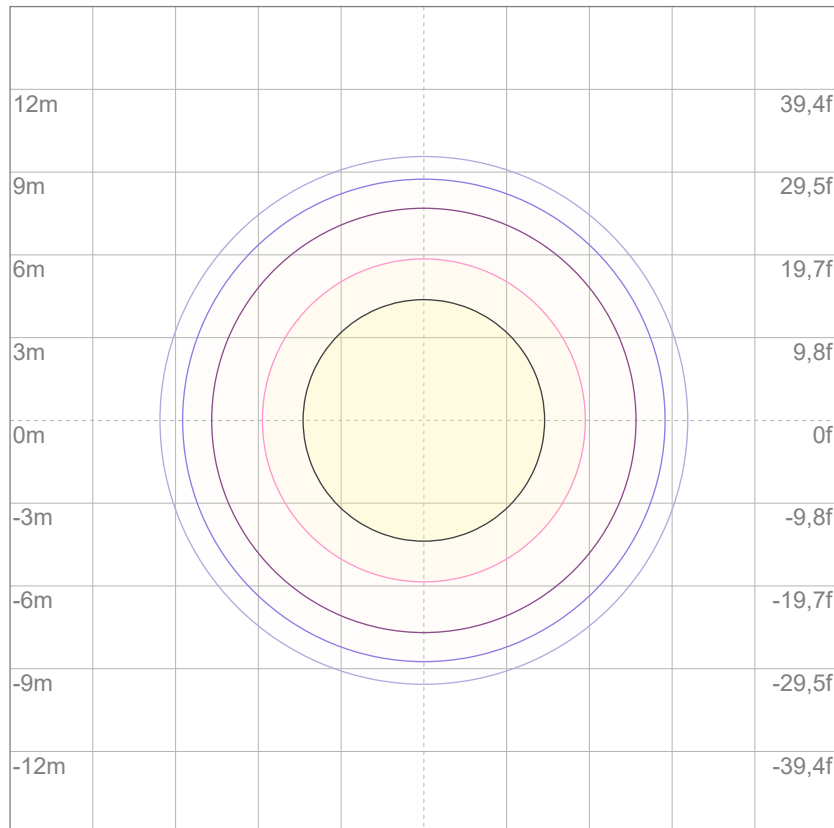
10%	531 cd
20%	1061 cd
30%	1592 cd
40%	2123 cd
50%	2653 cd
60%	3184 cd
70%	3715 cd
80%	4245 cd

Conditions:

Number of c-planes: 2

Candela at center: 5307 cd

ISO LUX DIAGRAM



3%	1,59 lx
5%	2,65 lx
10%	5,31 lx
30%	15,9 lx
50%	26,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 53,1 lx

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



Total lumen output:

3214 lm

Peak candela output:

15108 cd

Light quality:

CRI: 96,0

Color temperature:

6119 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

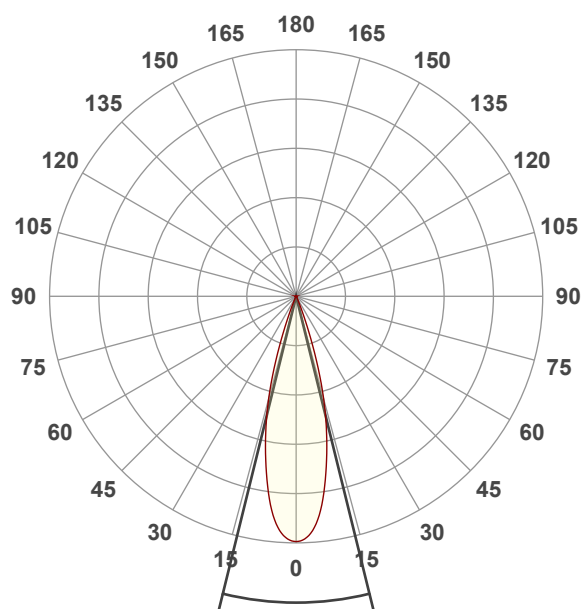
6000K

Operator:

Giuseppe della Peruta

Date and time:

10/12/2025 17:35:46

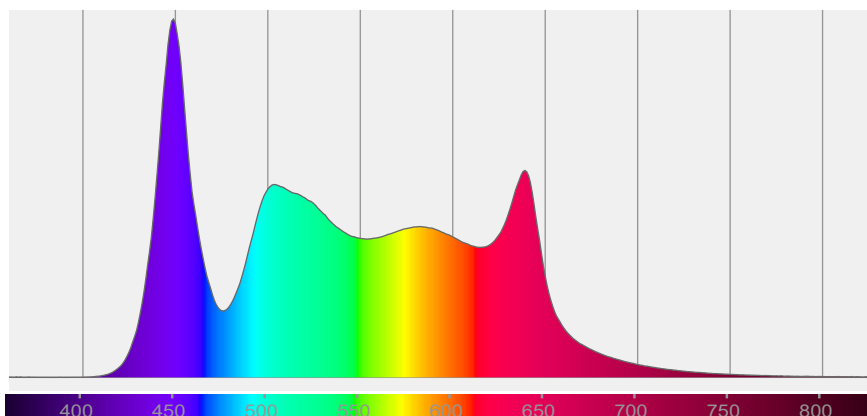


Beam angle 50%: 27,7°

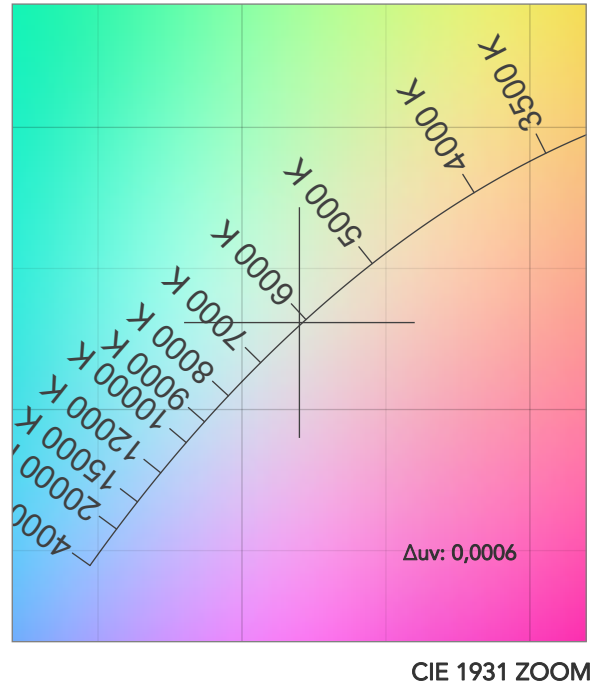
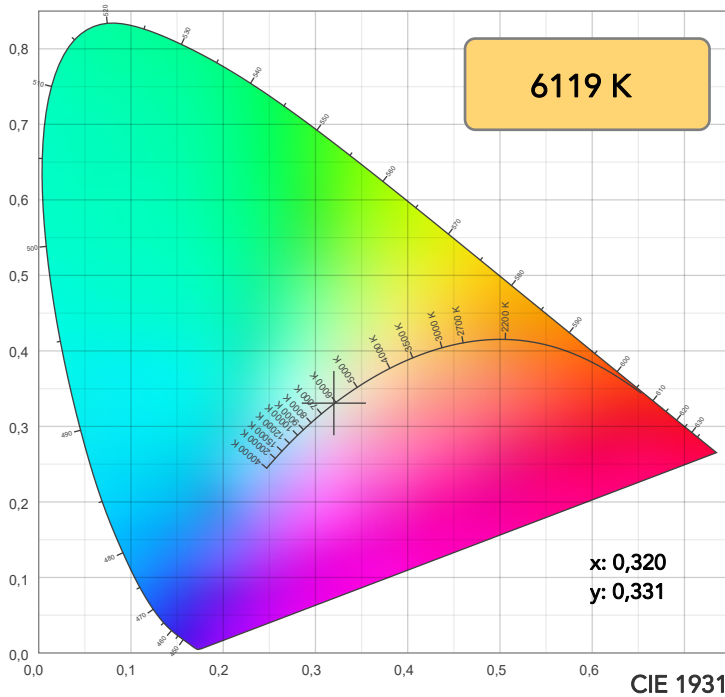
Field angle 10%: 41,6°

Cut off angle 2.5%: 48,3°

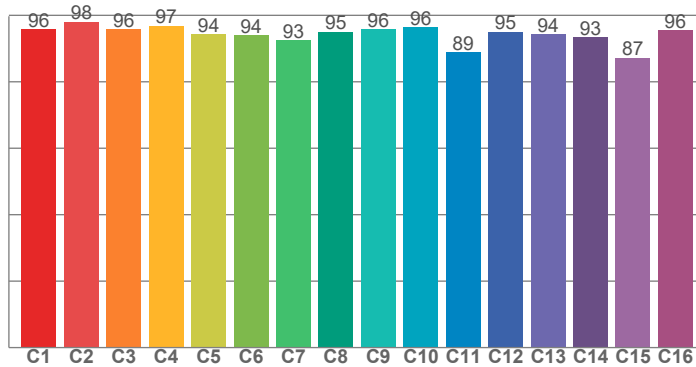
Spectra



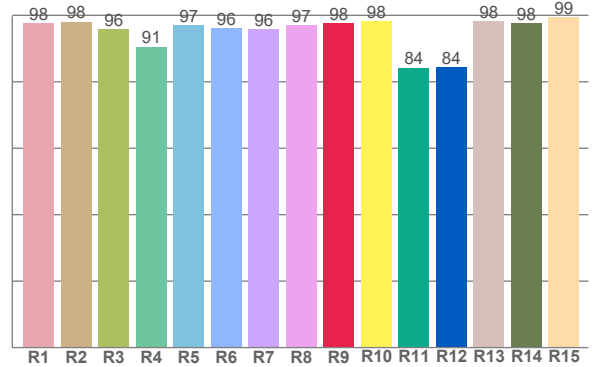
COLOR DETAILS



TM30: 94,2



CRI: 96,0 (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
97,6	98,1	95,7	90,6	97,1	96,1	95,7	97,0	97,6	98,2	84,2	84,4	98,3	97,6	99,4

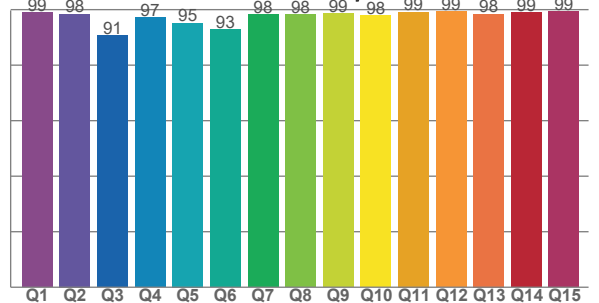
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,8	98,0	95,8	96,9	94,2	94,0	92,5	95,1	95,8	96,4	88,9	95,1	94,3	93,3	87,2	95,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,9	98,4	90,6	97,2	95,2	92,9	98,2	98,2	98,6	98,0	99,2	99,3	98,4	99,0	99,3

CQS: 96,4



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6119 K	96,0	97,6	94,2	104,2	96,4	93	0,320	0,331	0,0006

TM30 DETAILS

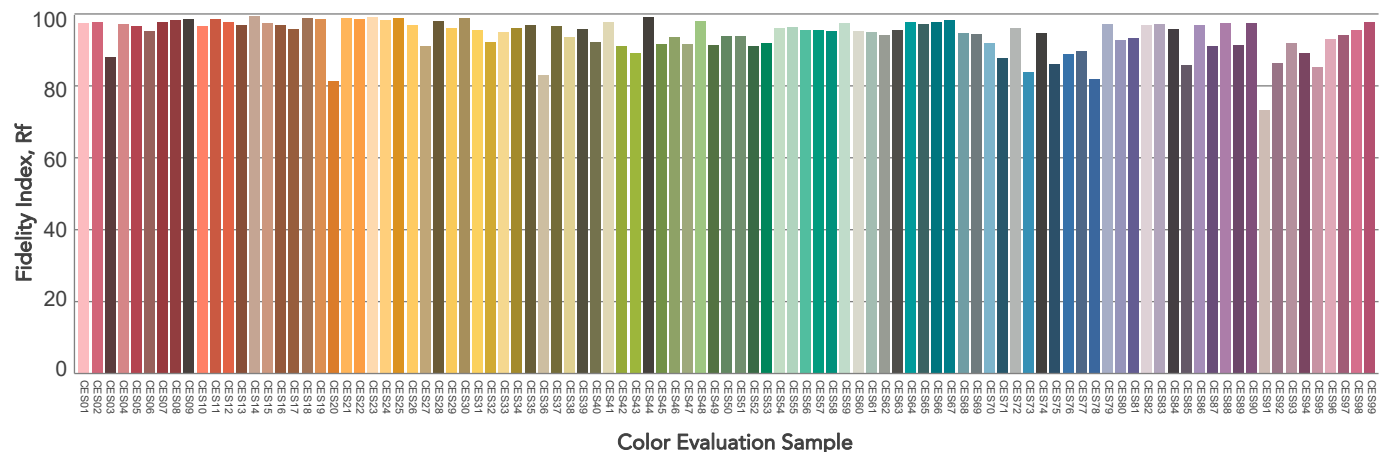
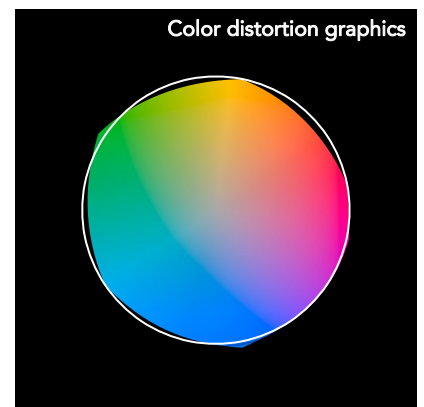
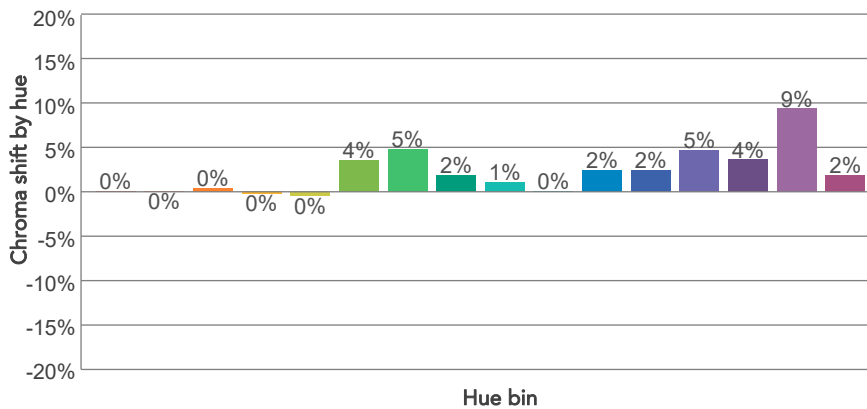
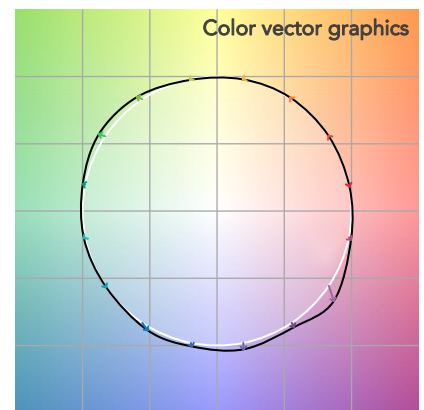
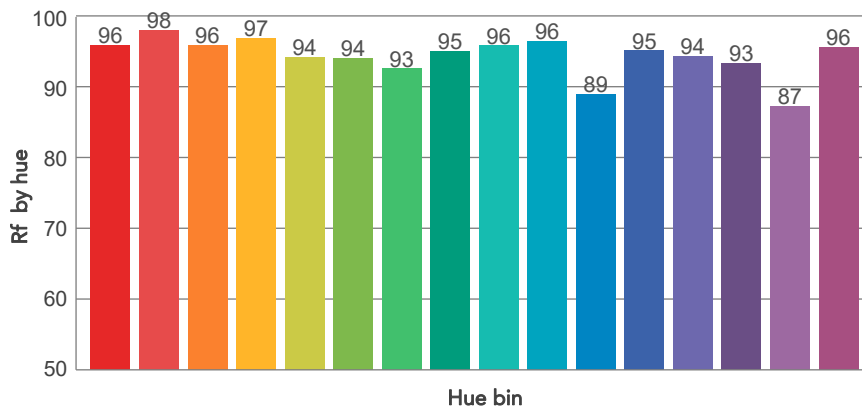
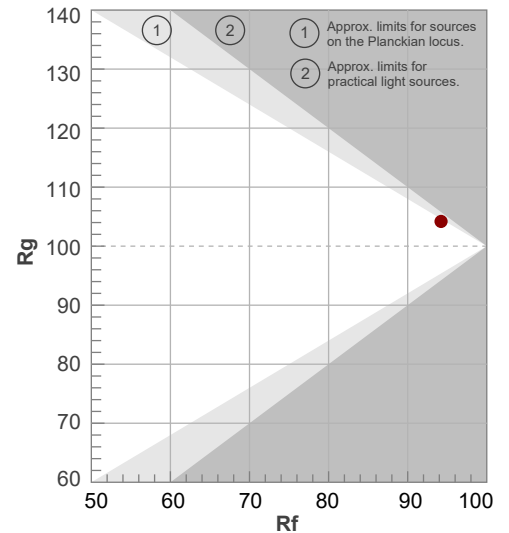
Rf 94,2

Fidelity index Rf

Rg 104,2

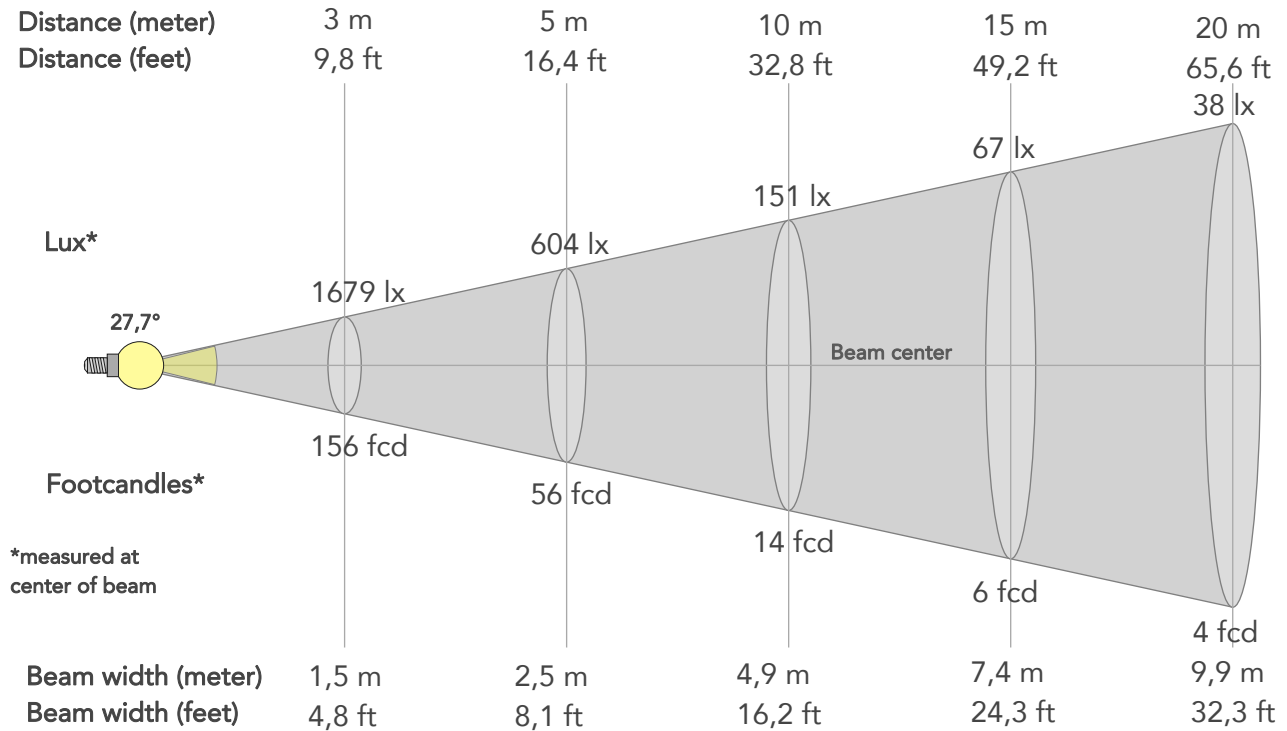
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	98	0%	0%
3	96	0%	2%
4	97	0%	0%
5	94	0%	1%
6	94	4%	2%
7	93	5%	1%
8	95	2%	0%
9	96	1%	1%
10	96	0%	1%
11	89	2%	6%
12	95	2%	1%
13	94	5%	-1%
14	93	4%	0%
15	87	9%	-7%
16	96	2%	-2%



BEAM DETAILS

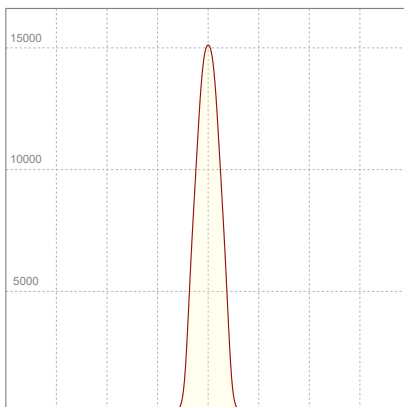
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
27,7°	41,6°	48,3°	99,5%	98,9%



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	15108lx	3777lx	1679lx	944lx	604lx	269lx	151lx	67lx	38lx	24lx	17lx	9lx	6lx
Footcand.	1404fcd	351fcd	156fcd	88fcd	56fcd	25fcd	14fcd	6fcd	4fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,5m	1m	1,5m	2m	2,5m	3,7m	4,9m	7,4m	9,9m	12,3m	14,8m	19,7m	24,6m
Beam wid.	1,6ft	3,3ft	4,8ft	6,5ft	8,1ft	12,1ft	16,2ft	24,3ft	32,3ft	40,4ft	48,5ft	64,7ft	80,8ft

LINEAR DISTRIBUTION DIAGRAM

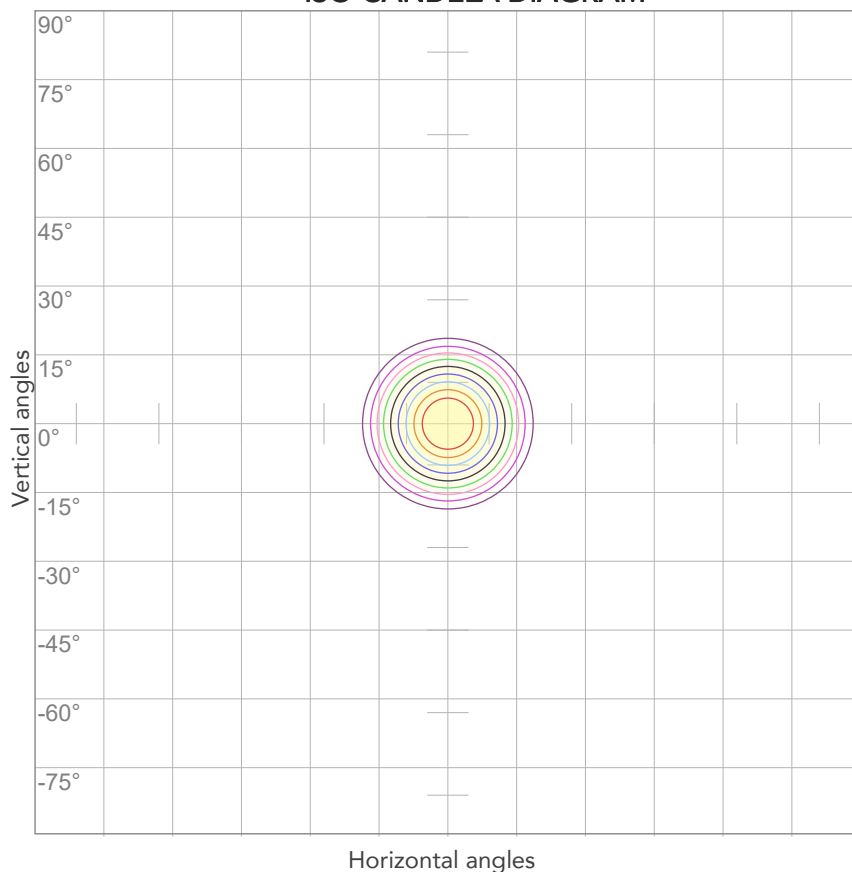


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,545A	121,8W	0,99	26lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



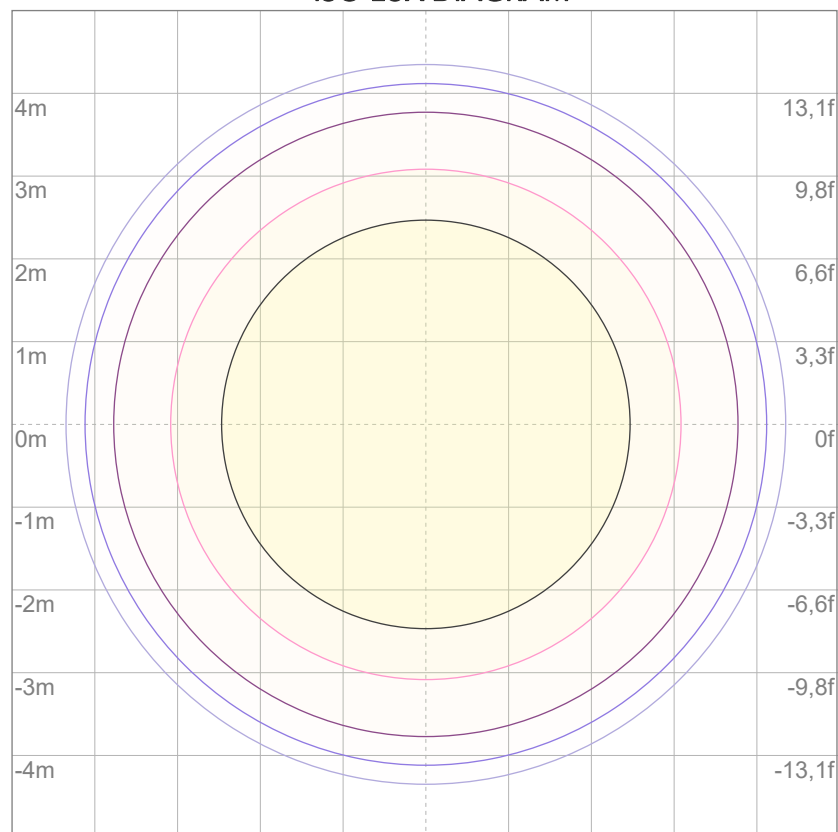
10%	1511 cd
20%	3022 cd
30%	4532 cd
40%	6043 cd
50%	7554 cd
60%	9065 cd
70%	10576 cd
80%	12087 cd

Conditions:

Number of c-planes: 2

Candela at center: 15108 cd

ISO LUX DIAGRAM



3%	4,53 lx
5%	7,55 lx
10%	15,1 lx
30%	45,3 lx
50%	75,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 151 lx

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



Total lumen output:

2365 lm

Peak candela output:

61469 cd

Light quality:

CRI: 96,1

Color temperature:

6074 K

PRODUCT NAME:

ECLFRCTPX5

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

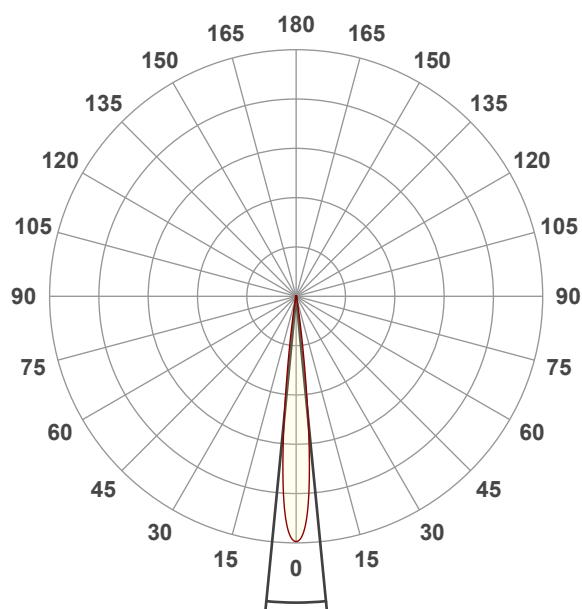
6000K

Operator:

Giuseppe della Peruta

Date and time:

11/12/2025 11:59:20

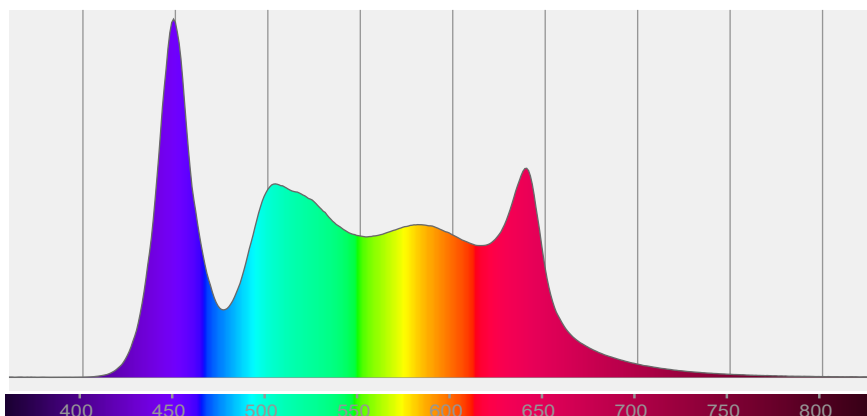


Beam angle 50%: 11,2°

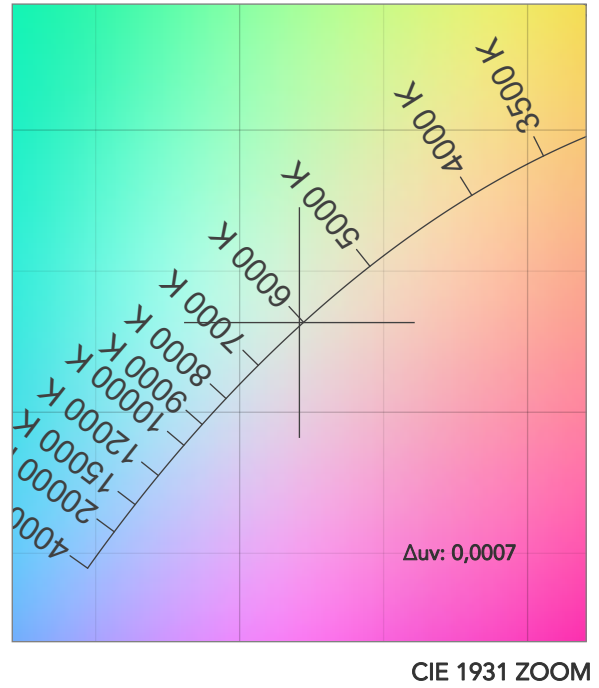
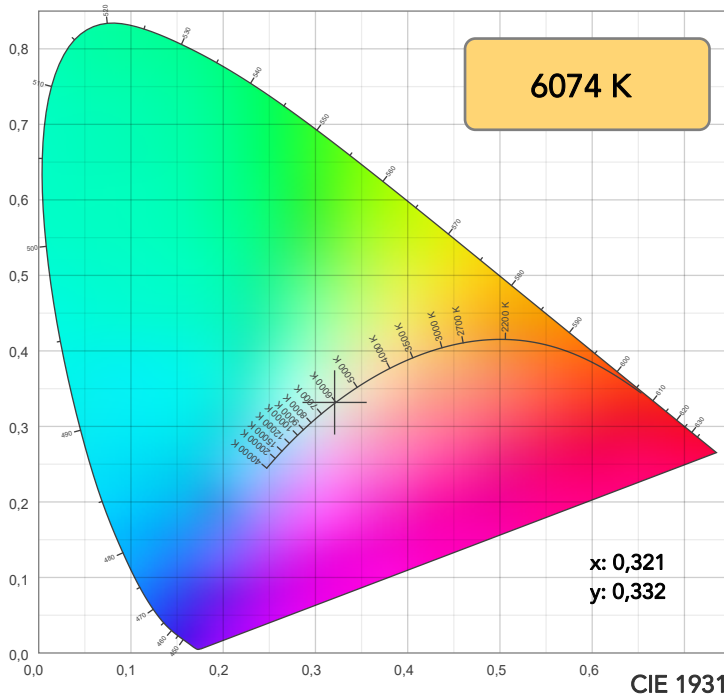
Field angle 10%: 17,3°

Cut off angle 2.5%: 21,9°

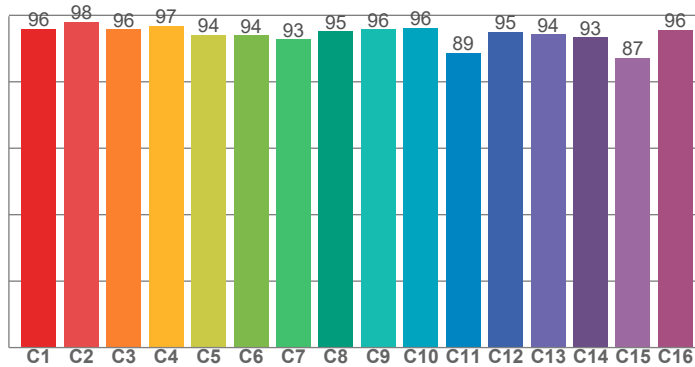
Spectra



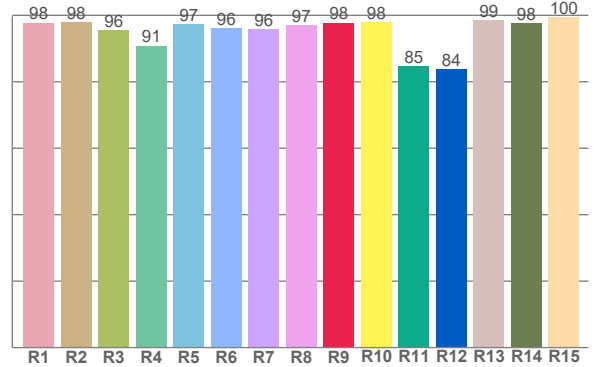
COLOR DETAILS



TM30: 94,2



CRI: 96,1 (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
97,8	98,0	95,5	90,8	97,4	96,0	95,7	97,1	97,8	97,9	84,7	83,8	98,5	97,6	99,5

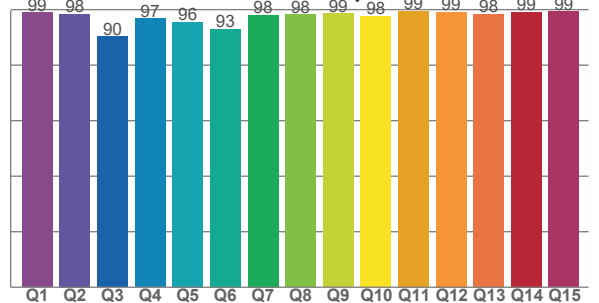
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,9	98,1	95,8	96,9	94,1	94,1	92,7	95,2	95,9	96,3	88,7	95,1	94,4	93,4	87,2	95,6

CQS Q values

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

CQS: 96,4



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6074 K	96,1	97,8	94,2	104,1	96,4	93	0,321	0,332	0,0007

TM30 DETAILS

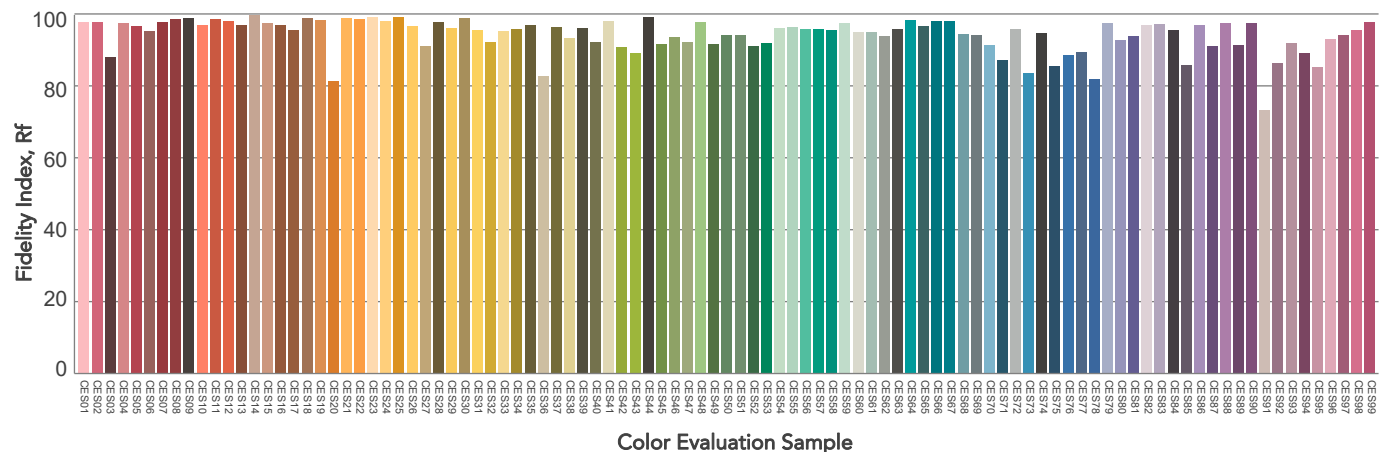
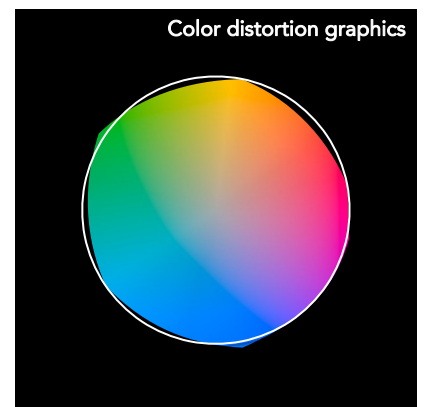
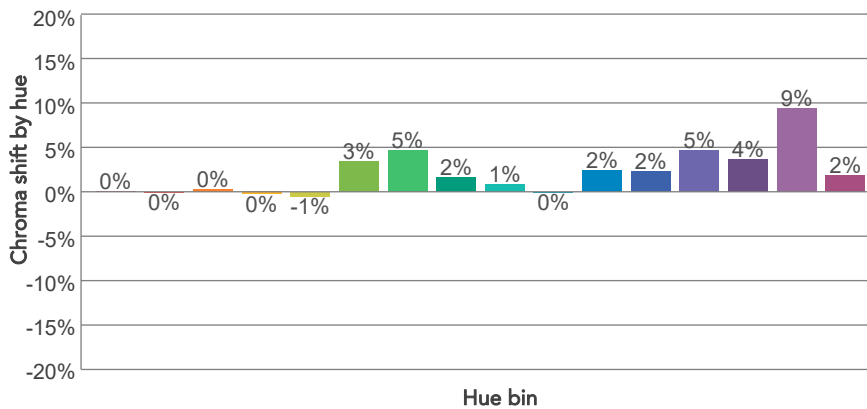
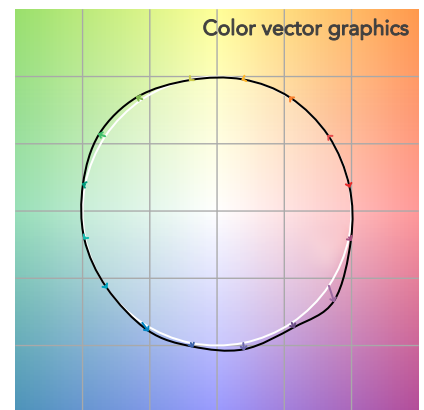
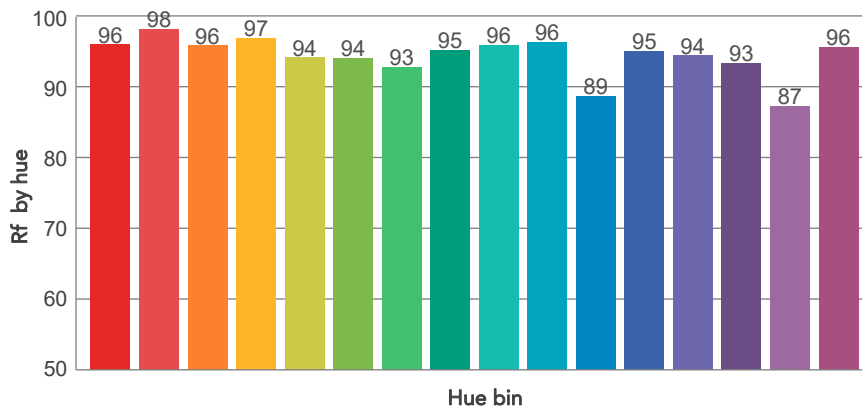
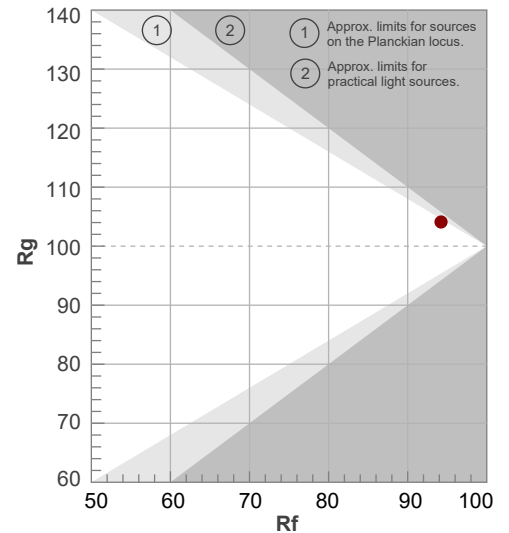
Rf 94,2

Fidelity index Rf

Rg 104,1

Gammut index

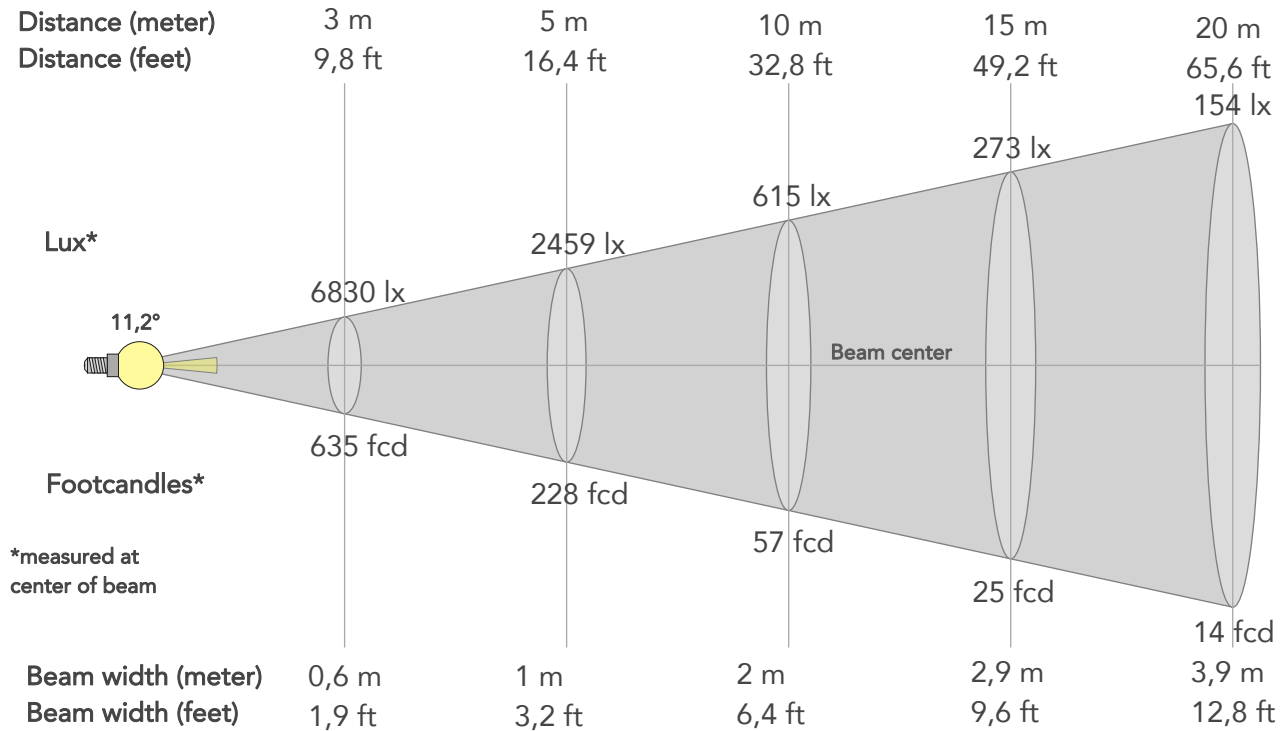
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	98	0%	0%
3	96	0%	2%
4	97	0%	0%
5	94	-1%	1%
6	94	3%	2%
7	93	5%	1%
8	95	2%	0%
9	96	1%	1%
10	96	0%	2%
11	89	2%	7%
12	95	2%	2%
13	94	5%	-1%
14	93	4%	0%
15	87	9%	-7%
16	96	2%	-2%



BEAM DETAILS



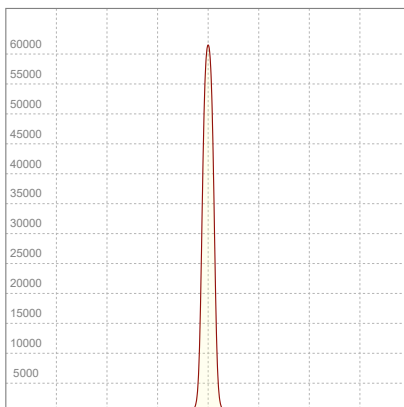
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,2°	17,3°	21,9°	99,9%	99,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	61469lx	15367lx	6830lx	3842lx	2459lx	1093lx	615lx	273lx	154lx	98lx	68lx	38lx	25lx
Footcand.	5711fcd	1428fcd	635fcd	357fcd	228fcd	102fcd	57fcd	25fcd	14fcd	9fcd	6fcd	4fcd	2fcd
Beam wid.	0,2m	0,4m	0,6m	0,8m	1m	1,5m	2m	2,9m	3,9m	4,9m	5,9m	7,8m	9,8m
Beam wid.	0,6ft	1,3ft	1,9ft	2,6ft	3,2ft	4,8ft	6,4ft	9,6ft	12,8ft	16ft	19,2ft	25,7ft	32,1ft

LINEAR DISTRIBUTION DIAGRAM

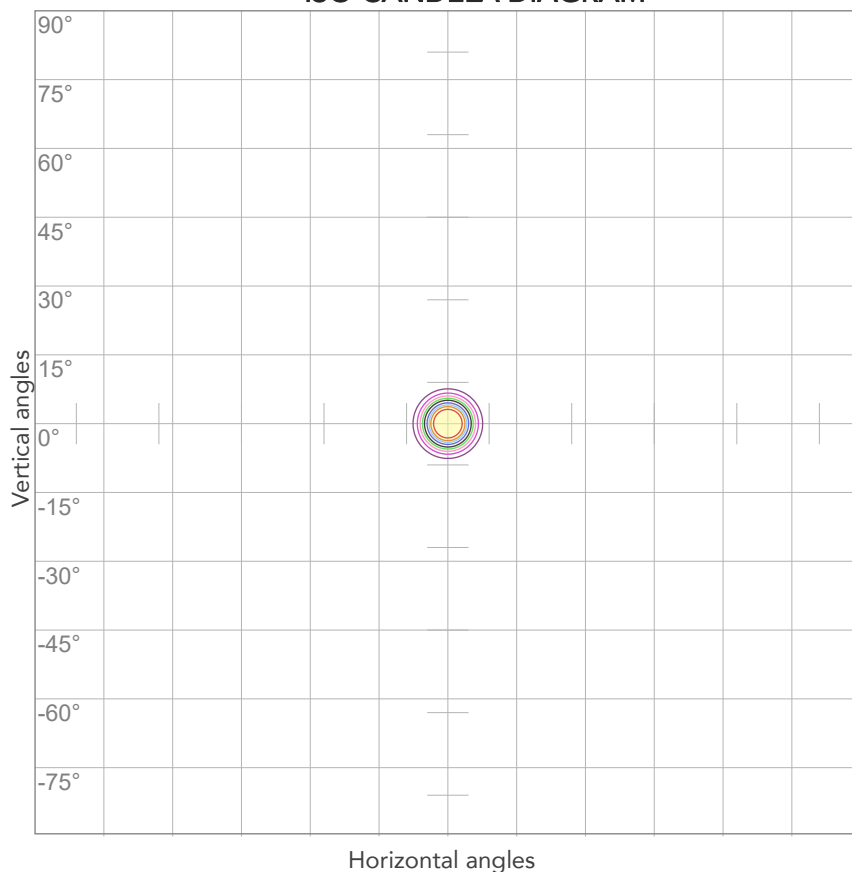


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,554A	122,3W	0,98	19lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



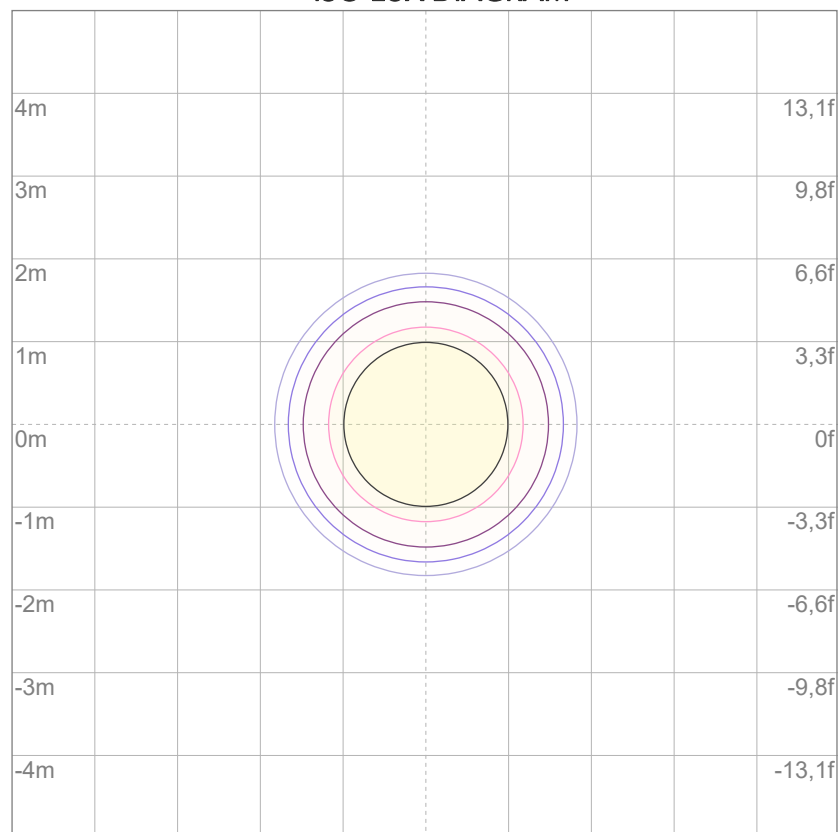
10%	6147 cd
20%	12294 cd
30%	18441 cd
40%	24587 cd
50%	30734 cd
60%	36881 cd
70%	43028 cd
80%	49175 cd

Conditions:

Number of c-planes: 2

Candela at center: 61469 cd

ISO LUX DIAGRAM



3%	18,4 lx
5%	30,7 lx
10%	61,5 lx
30%	184 lx
50%	307 lx

Conditions:

Number of c-planes: 2

Lux at center: 615 lx

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