Photometric Test Report

JETPAR7ZIP

7X20W IP65 RGB+WW

zoom LED PAR

(Preliminary)

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TESTING PROCESS

Prolights has its own optical testing laboratory in order to provide accurate photometric reports for its lighting products. The testing laboratory contains certain variety of precise lighting measurement systems that ensure an optimal reading of all the characteristic parameters of the lighting devices. All measurements are made at a controlled room temperature of 25°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:

2108 lm

Peak candela output:

6478 cd

PRODUCT NAME:

JETPAR7ZIP

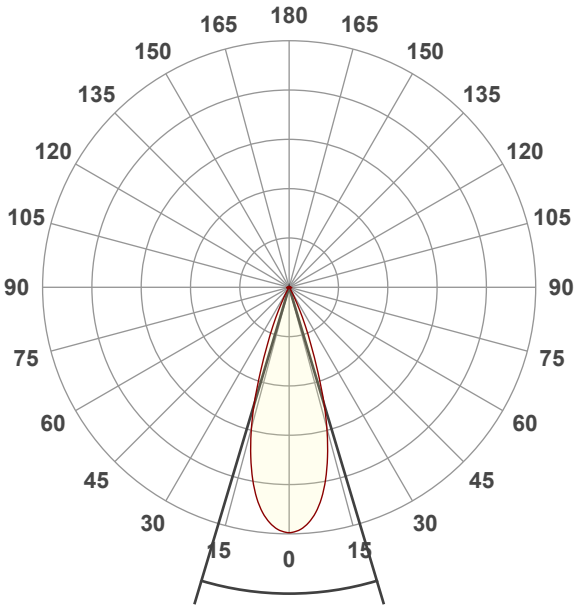
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
Full On

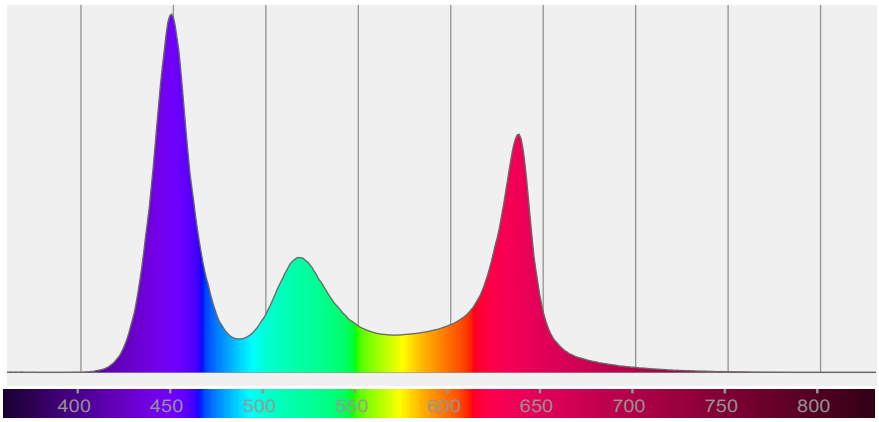
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:04:40



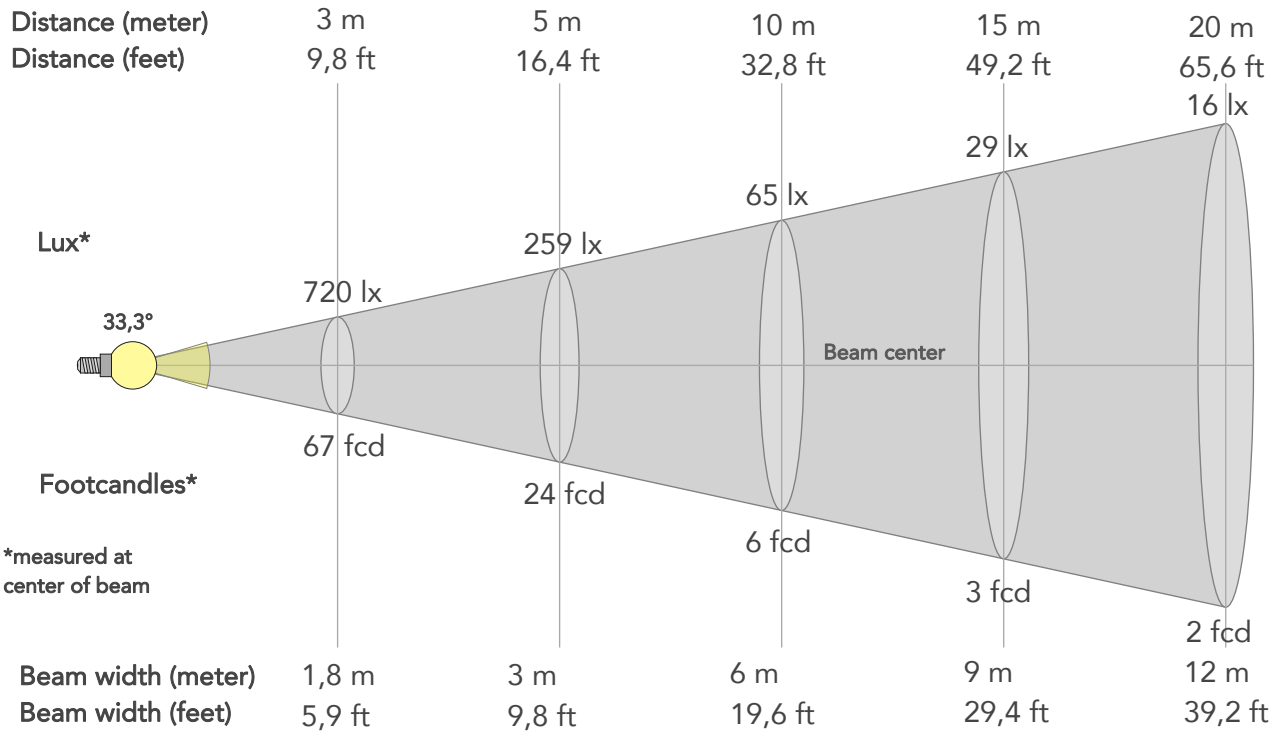
Beam angle 50%: 33,3°
Field angle 10%: 49,7°
Cut off angle 2.5%: 59°

Spectra



BEAM DETAILS

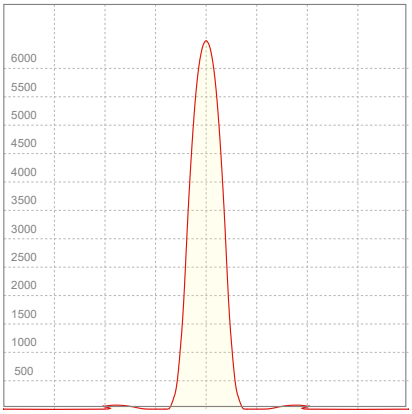
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
33,3°	49,7°	59°	91,1%	90,8%



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	6478lx	1619lx	720lx	405lx	259lx	115lx	65lx	29lx	16lx	10lx	7lx	4lx	3lx
Footcand.	602fcd	150fcd	67fcd	38fcd	24fcd	11fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,4m	3m	4,5m	6m	9m	12m	14,9m	17,9m	23,9m	29,9m
Beam wid.	2ft	3,9ft	5,9ft	7,8ft	9,8ft	14,7ft	19,6ft	29,4ft	39,2ft	49ft	58,8ft	78,4ft	98ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,651A	140W	15lm/W

Power FC
0,95

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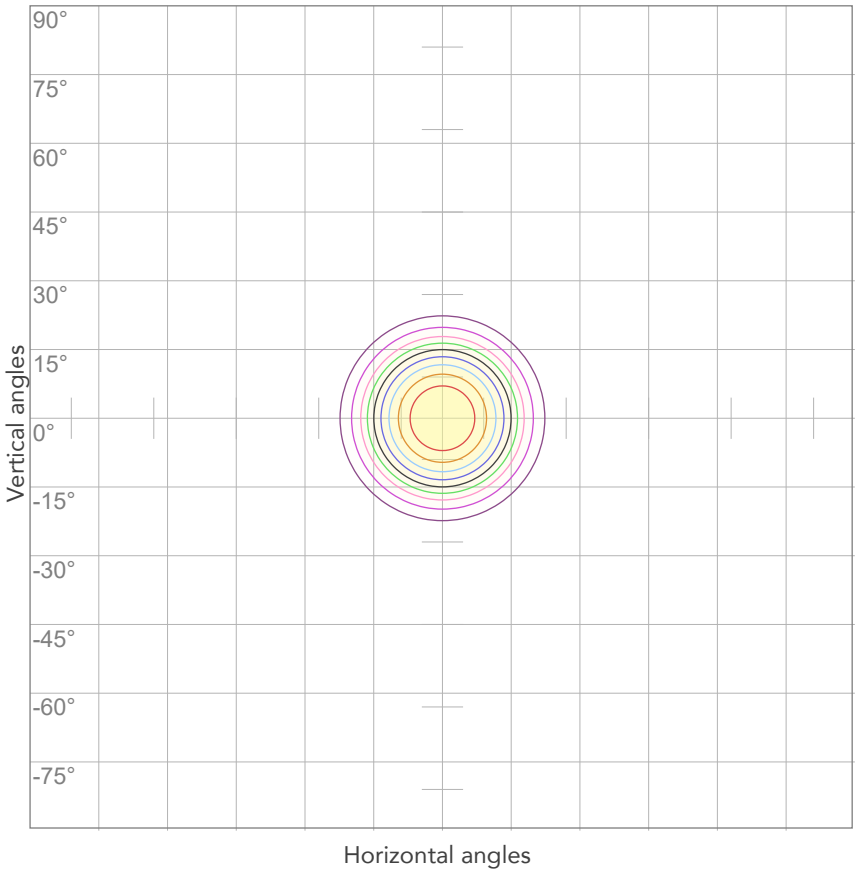
ISO DIAGRAMS

ISO CANDELA DIAGRAM



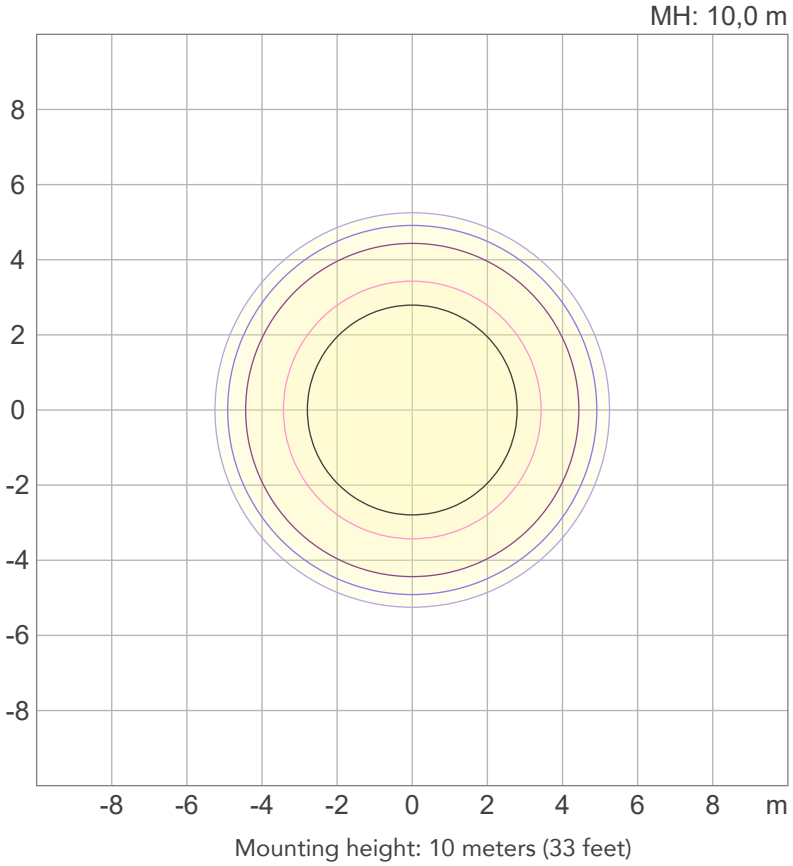
10%	648 cd
20%	1296 cd
30%	1943 cd
40%	2591 cd
50%	3239 cd
60%	3887 cd
70%	4535 cd
80%	5182 cd

Conditions:

Number of c-planes: 2

Candela at center: 6478 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,94 lx
5%	3,24 lx
10%	6,48 lx
30%	19,4 lx
50%	32,4 lx

Conditions:

Number of c-planes: 2

Lux at center: 64,8 lx

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

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Total lumen output:

2143 lm

Peak candela output:

21526 cd

PRODUCT NAME:

JETPAR7ZIP

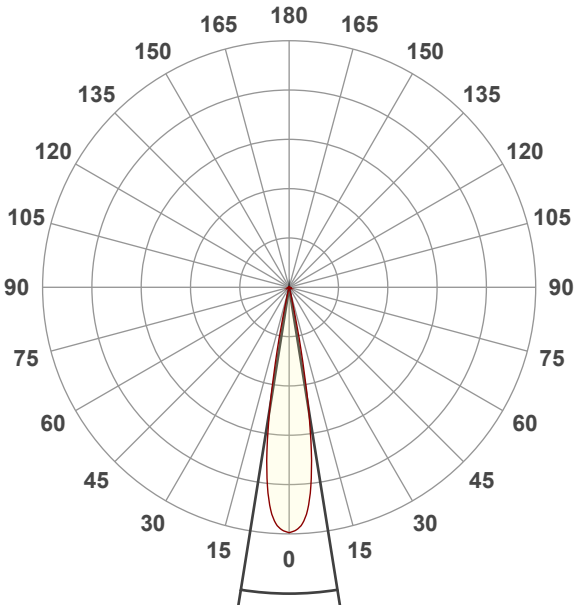
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
Full On

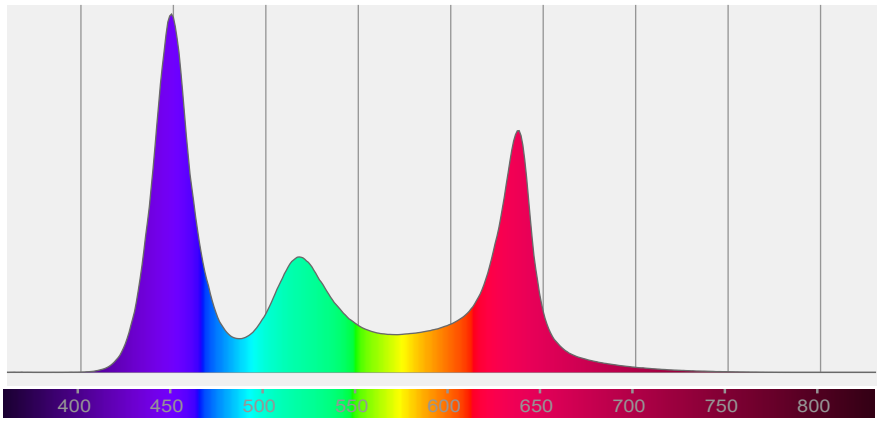
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:03:18



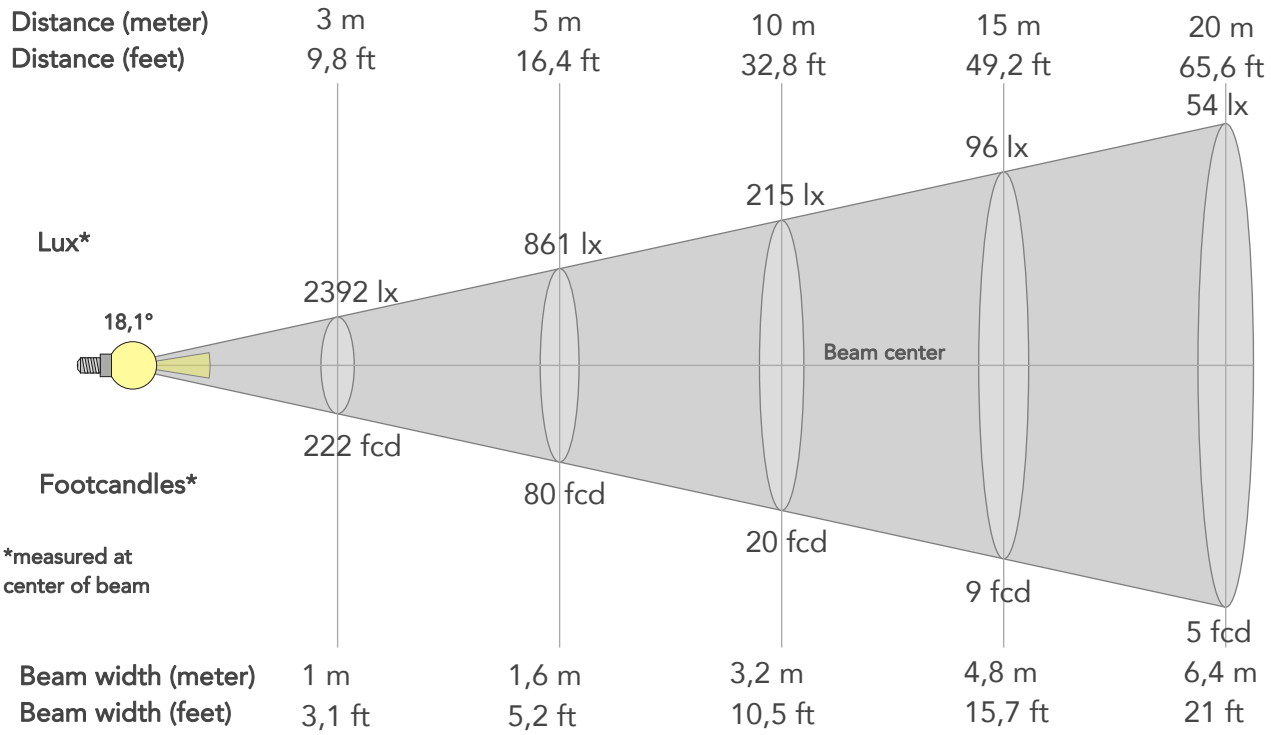
Beam angle 50%: 18,1°
Field angle 10%: 24,2°
Cut off angle 2.5%: 26,8°

Spectra



BEAM DETAILS

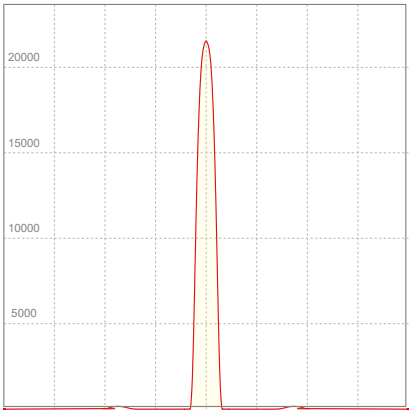
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	24,2°	26,8°	81,0%	81,0%



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	21526lx	5382lx	2392lx	1345lx	861lx	383lx	215lx	96lx	54lx	34lx	24lx	13lx	9lx
Footcand.	2000fcd	500fcd	222fcd	125fcd	80fcd	36fcd	20fcd	9fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,9ft	10,5ft	15,7ft	21ft	26,2ft	31,4ft	41,9ft	52,4ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,656A	141W	15lm/W

Power FC
0,95

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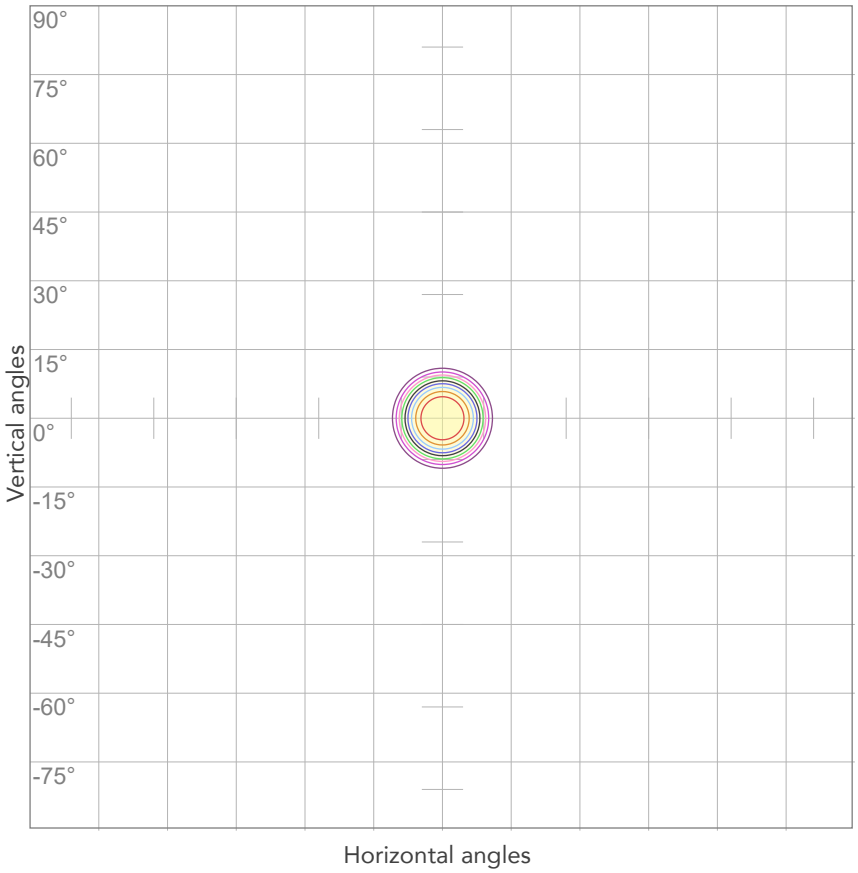
ISO DIAGRAMS

ISO CANDELA DIAGRAM



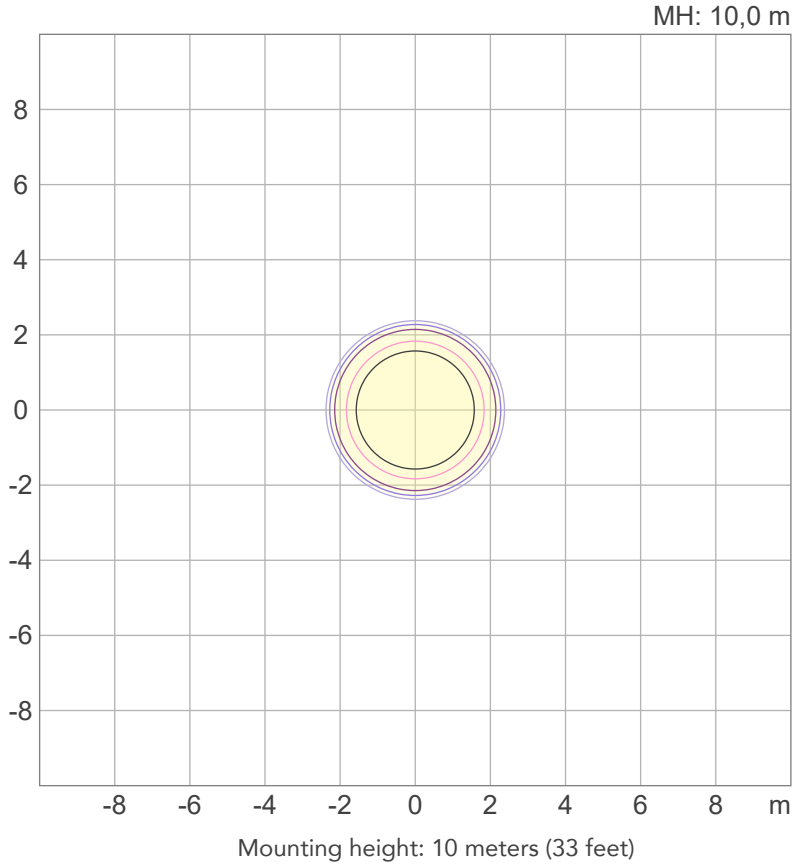
10%	2153 cd
20%	4305 cd
30%	6458 cd
40%	8610 cd
50%	10763 cd
60%	12916 cd
70%	15068 cd
80%	17221 cd

Conditions:

Number of c-planes: 2

Candela at center: 21526 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

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

Conditions:

Number of c-planes: 2

Lux at center: 215 lx

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

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Total lumen output:

1229 lm

Peak candela output:

250993 cd

PRODUCT NAME:

JETPAR7ZIP

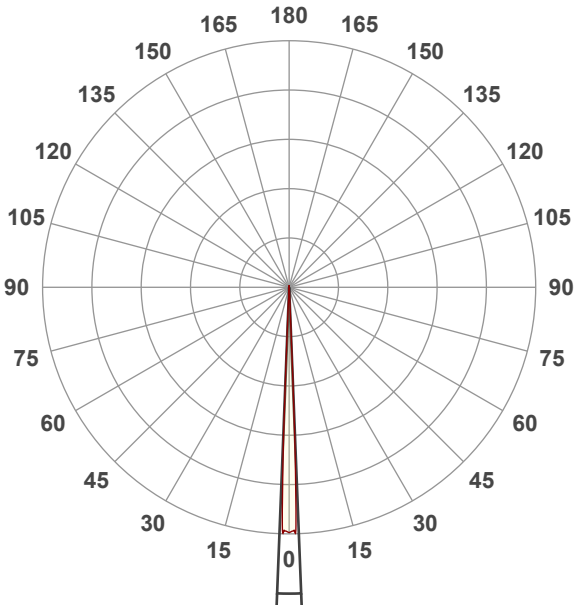
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
Full On

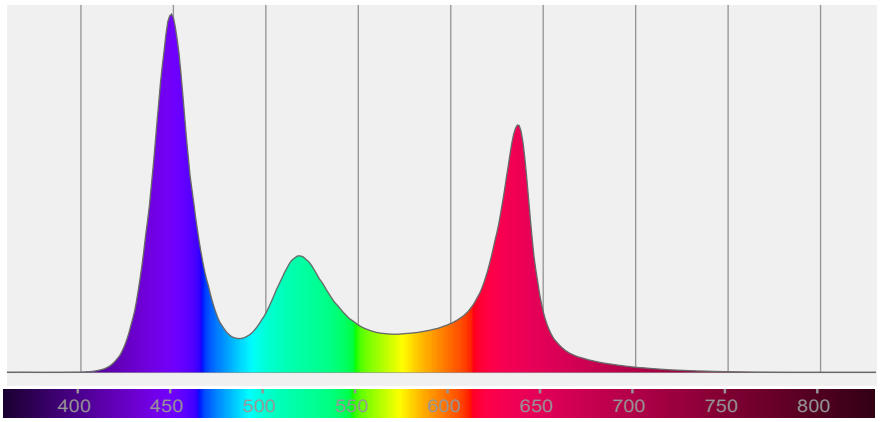
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:01:11



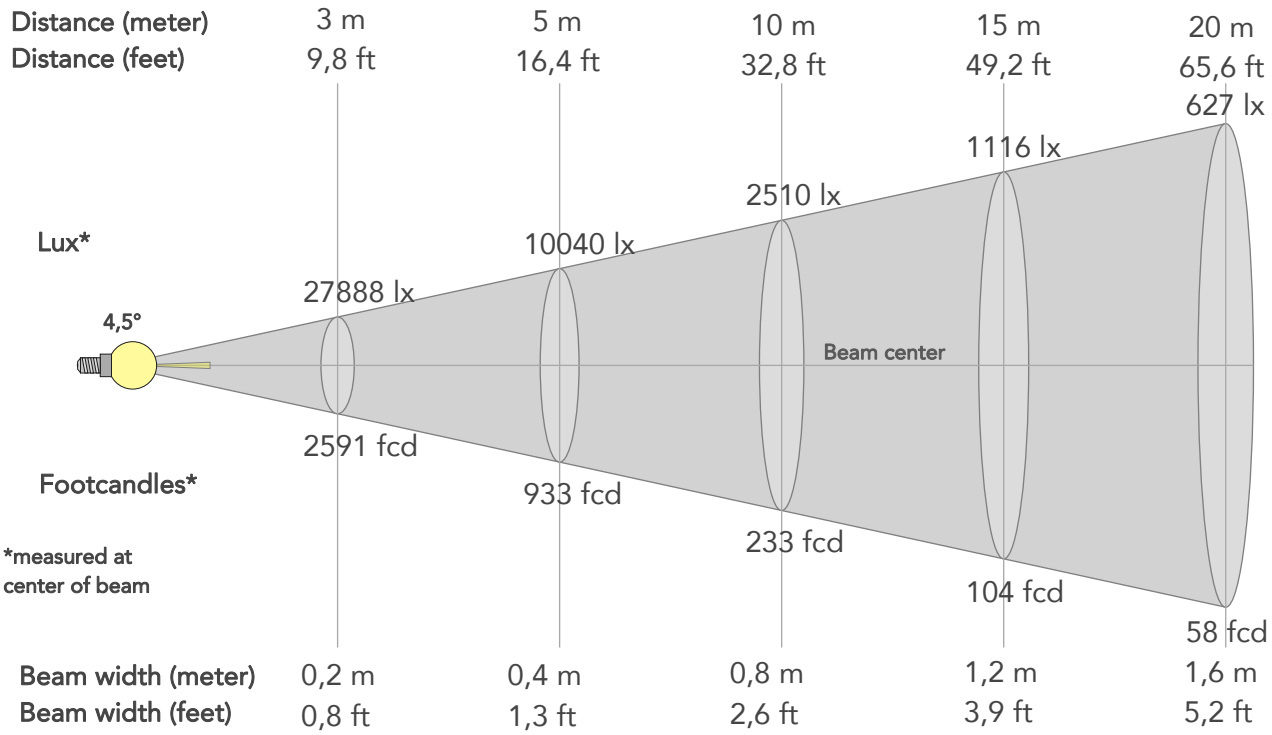
Beam angle 50%: 4,5°
Field angle 10%: 5,3°
Cut off angle 2.5%: 6,1°

Spectra



BEAM DETAILS

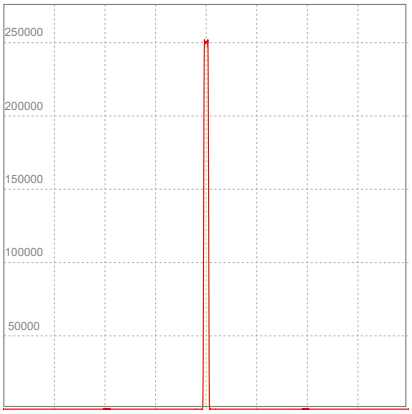
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,5°	5,3°	6,1°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	250993lx	62748lx	27888lx	15687lx	10040lx	4462lx	2510lx	1116lx	627lx	402lx	279lx	157lx	100lx
Footcand.	23318fcd	5829fcd	2591fcd	1457fcd	933fcd	415fcd	233fcd	104fcd	58fcd	37fcd	26fcd	15fcd	9fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,2m	1,6m	2m	2,4m	3,1m	3,9m
Beam wid.	0,3ft	0,5ft	0,8ft	1ft	1,3ft	1,9ft	2,6ft	3,9ft	5,2ft	6,4ft	7,7ft	10,3ft	12,9ft

LINEAR DISTRIBUTION DIAGRAM



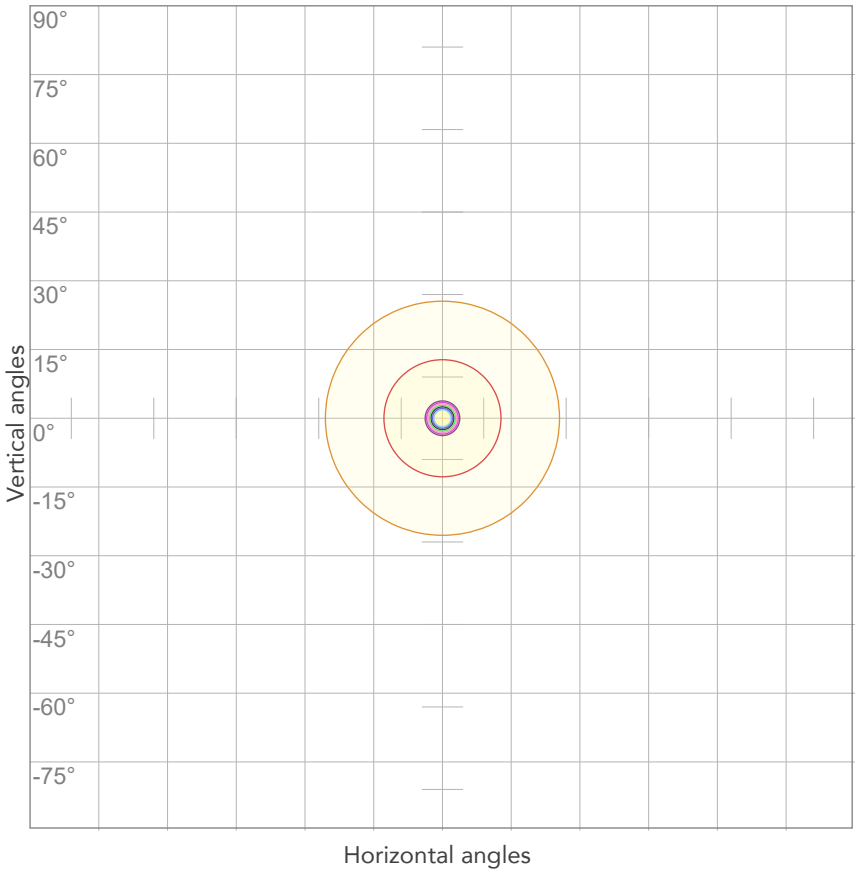
ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,658A	141,4W	9lm/W

Power FC
0,95

ISO DIAGRAMS

ISO CANDELA DIAGRAM



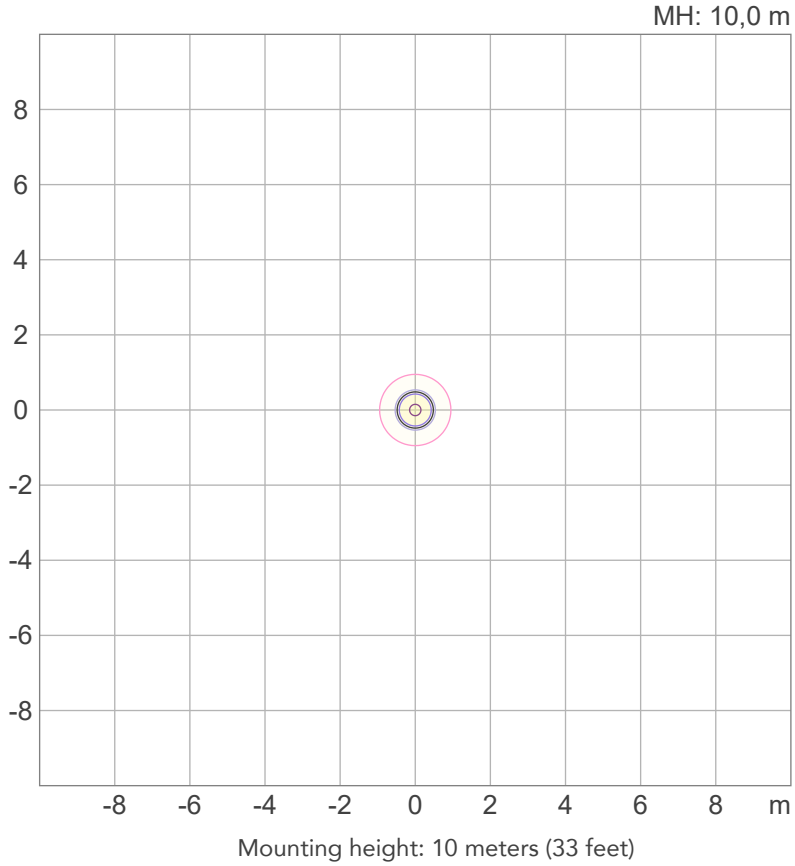
10%	25099 cd
20%	50199 cd
30%	75298 cd
40%	100397 cd
50%	125496 cd
60%	150596 cd
70%	175695 cd
80%	200794 cd

Conditions:

Number of c-planes: 2

Candela at center: 250993 cd

ISO LUX DIAGRAM



3%	75,3 lx
5%	125 lx
10%	251 lx
30%	753 lx
50%	1255 lx

Conditions:

Number of c-planes: 2

Lux at center: 2510 lx

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

Total lumen output:

570 lm

Peak candela output:

1607 cd

PRODUCT NAME:

JETPAR7ZIP

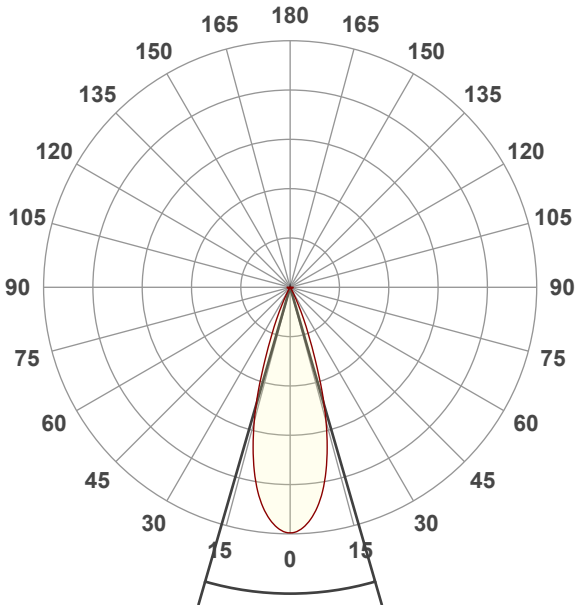
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
Red

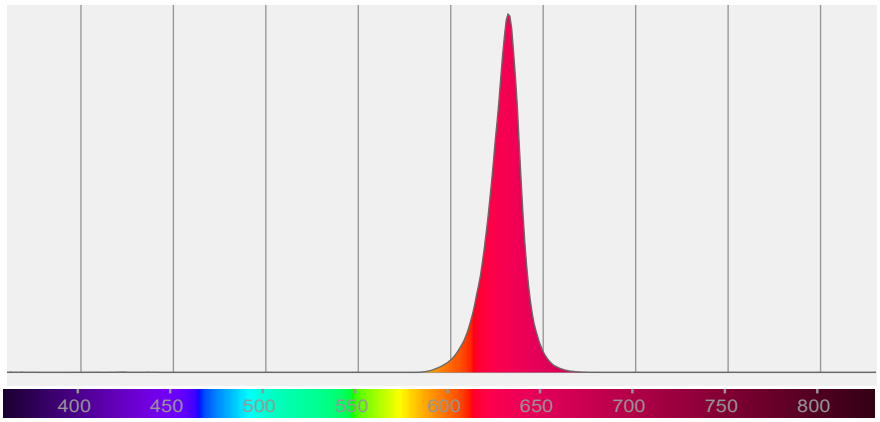
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:05:11



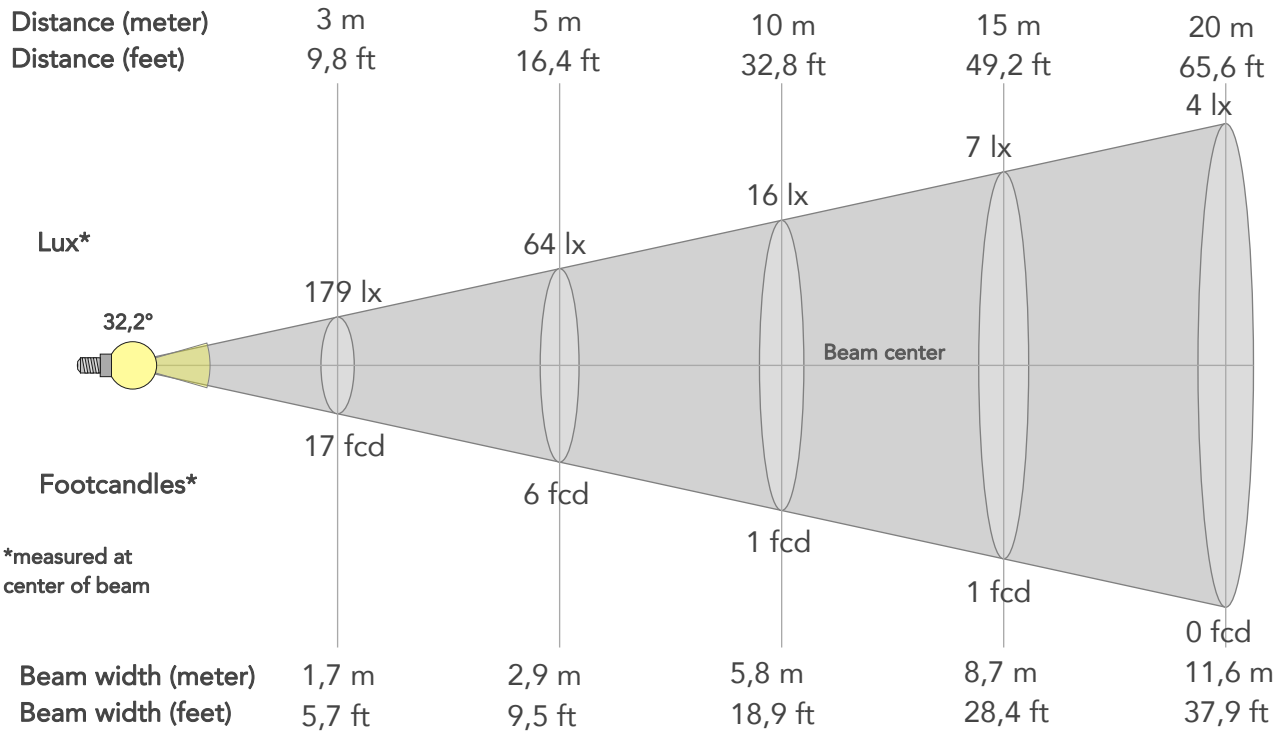
Beam angle 50%: 32,2°
Field angle 10%: 48,7°
Cut off angle 2.5%: 57,9°

Spectra



BEAM DETAILS

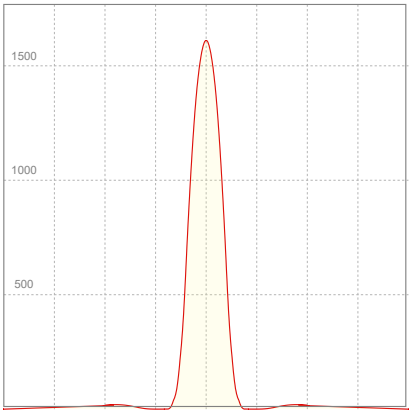
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
32,2°	48,7°	57,9°	79,3%	78,8%



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	1607lx	402lx	179lx	100lx	64lx	29lx	16lx	7lx	4lx	3lx	2lx	1lx	1lx
Footcand.	149fcd	37fcd	17fcd	9fcd	6fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,7m	2,3m	2,9m	4,3m	5,8m	8,7m	11,6m	14,4m	17,3m	23,1m	28,9m
Beam wid.	1,9ft	3,8ft	5,7ft	7,6ft	9,5ft	14,2ft	18,9ft	28,4ft	37,9ft	47,4ft	56,8ft	75,8ft	94,7ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,240A	42,0W	14lm/W

Power FC
0,77

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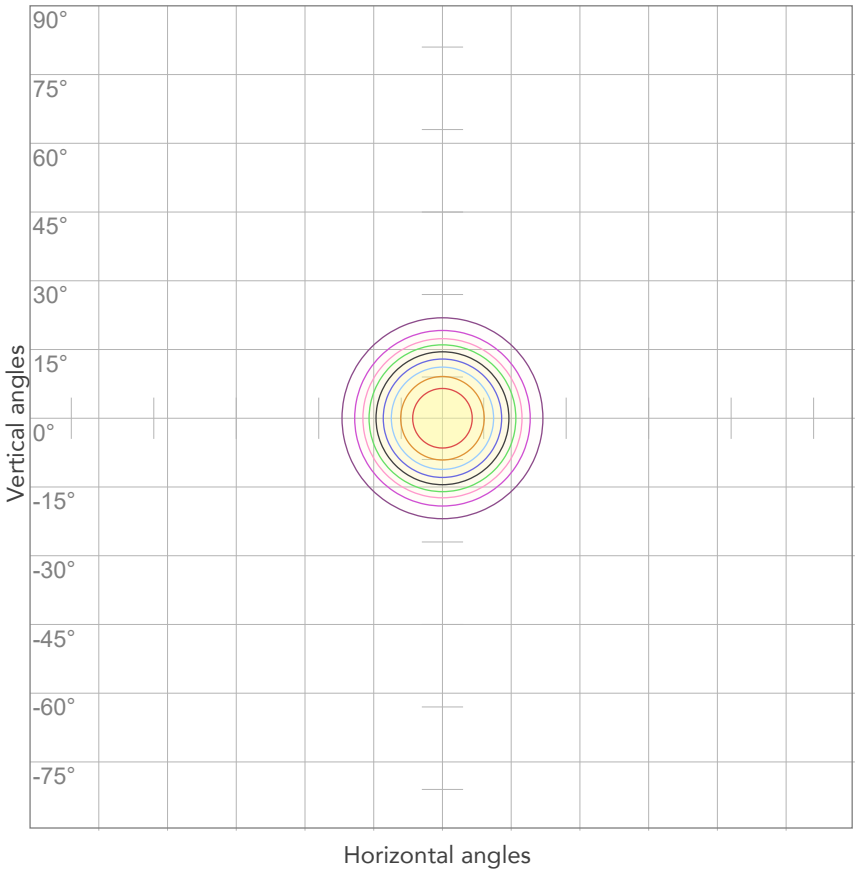
ISO DIAGRAMS

ISO CANDELA DIAGRAM



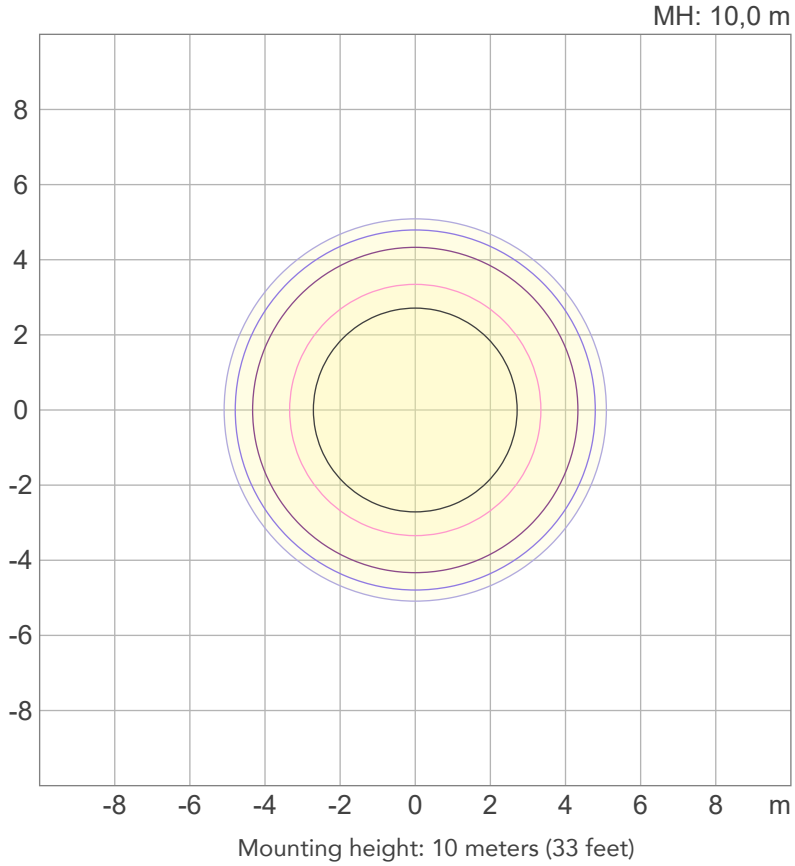
10%	161 cd
20%	321 cd
30%	482 cd
40%	643 cd
50%	804 cd
60%	964 cd
70%	1125 cd
80%	1286 cd

Conditions:

Number of c-planes: 2

Candela at center: 1607 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,482 lx
5%	0,804 lx
10%	1,61 lx
30%	4,82 lx
50%	8,04 lx

Conditions:

Number of c-planes: 2

Lux at center: 16,1 lx

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

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Total lumen output:

508 lm

Peak candela output:

5359 cd

PRODUCT NAME:

JETPAR7ZIP

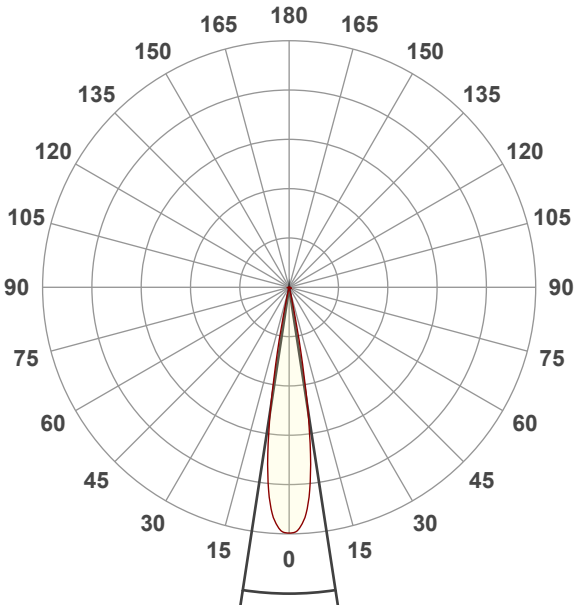
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
Red

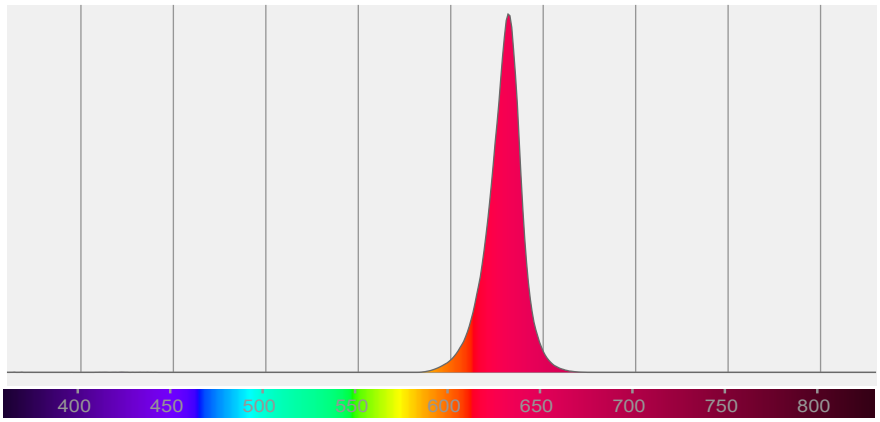
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:06:42



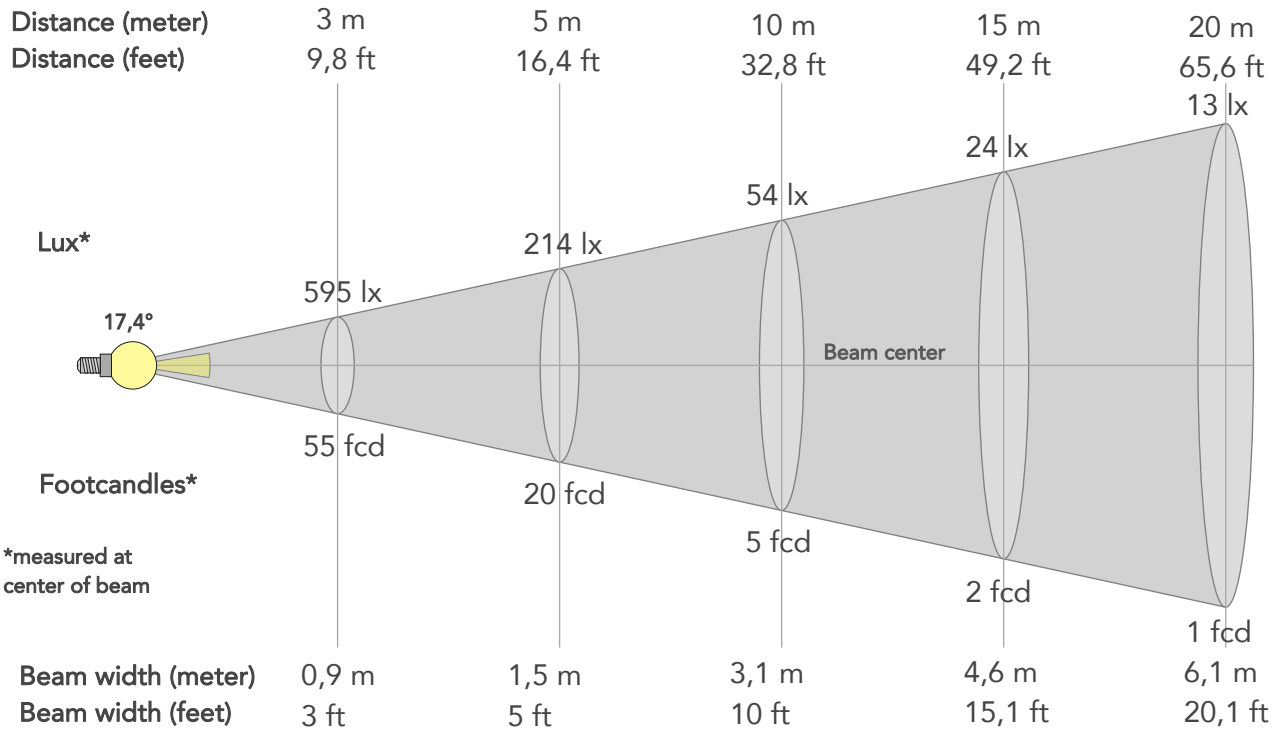
Beam angle 50%: 17,4°
Field angle 10%: 23,4°
Cut off angle 2.5%: 26,2°

Spectra



BEAM DETAILS

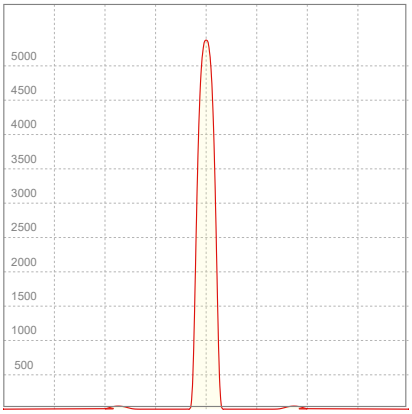
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
17,4°	23,4°	26,2°	79,3%	79,3%



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	5359lx	1340lx	595lx	335lx	214lx	95lx	54lx	24lx	13lx	9lx	6lx	3lx	2lx
Footcand.	498fcd	124fcd	55fcd	31fcd	20fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,3m	0,6m	0,9m	1,2m	1,5m	2,3m	3,1m	4,6m	6,1m	7,7m	9,2m	12,3m	15,3m
Beam wid.	1ft	2ft	3ft	4ft	5ft	7,5ft	10ft	15,1ft	20,1ft	25,1ft	30,1ft	40,2ft	50,2ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,241A	42,0W	12lm/W

Power FC
0,77

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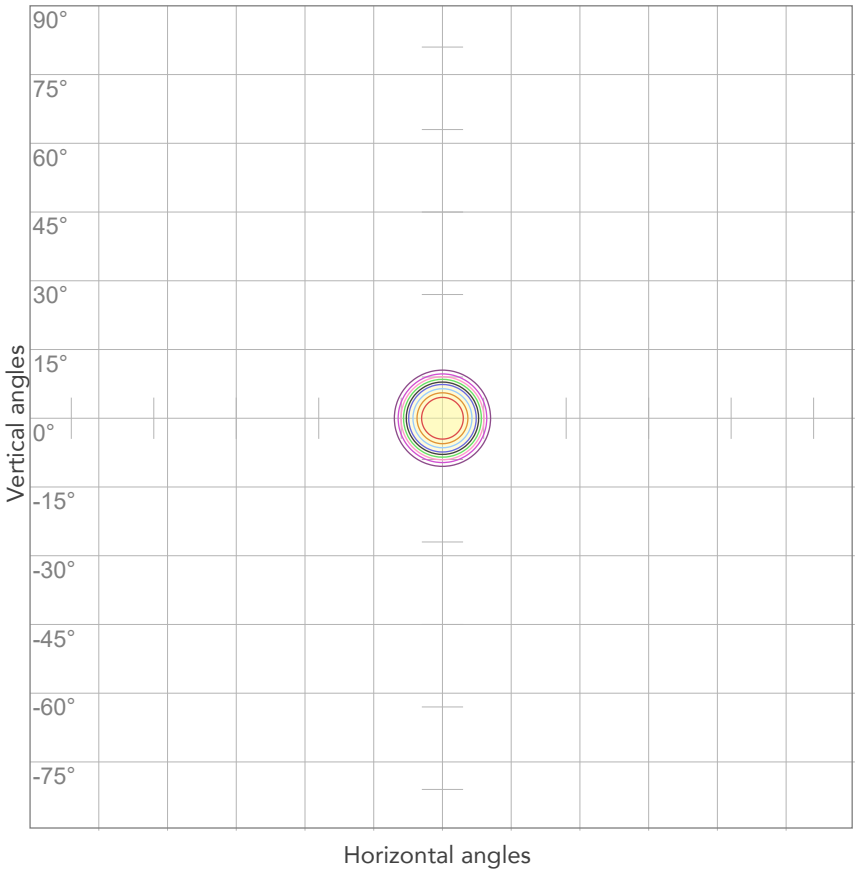
ISO DIAGRAMS

ISO CANDELA DIAGRAM



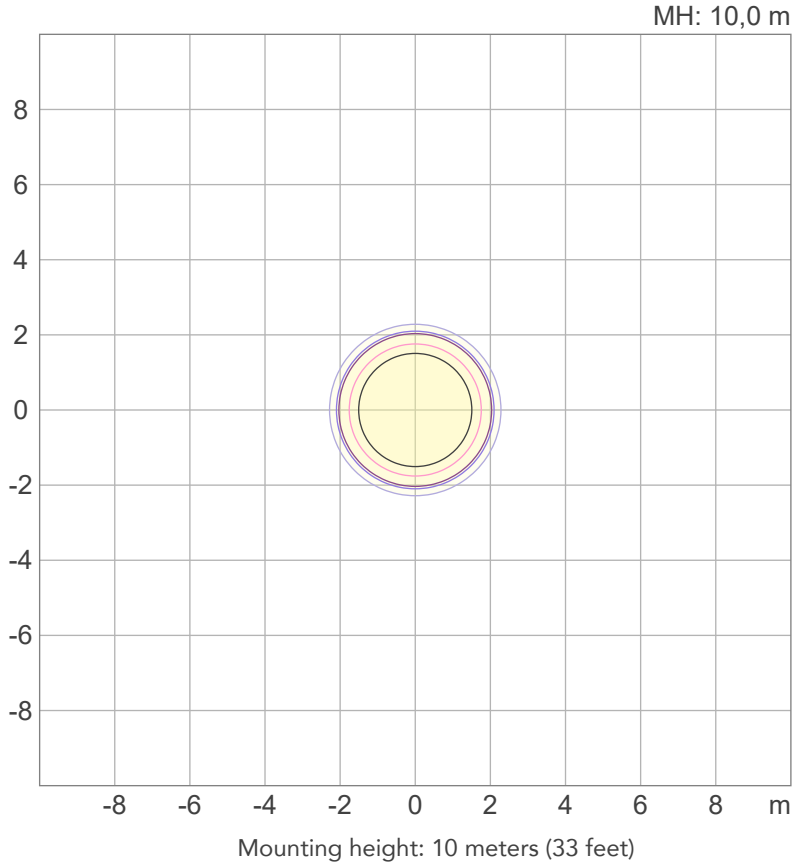
10%	536 cd
20%	1072 cd
30%	1608 cd
40%	2143 cd
50%	2679 cd
60%	3215 cd
70%	3751 cd
80%	4287 cd

Conditions:

Number of c-planes: 2

Candela at center: 5359 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,61 lx
5%	2,68 lx
10%	5,36 lx
30%	16,1 lx
50%	26,8 lx

Conditions:

Number of c-planes: 2

Lux at center: 53,6 lx

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

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Total lumen output:

286 lm

Peak candela output:

59142 cd

PRODUCT NAME:

JETPAR7ZIP

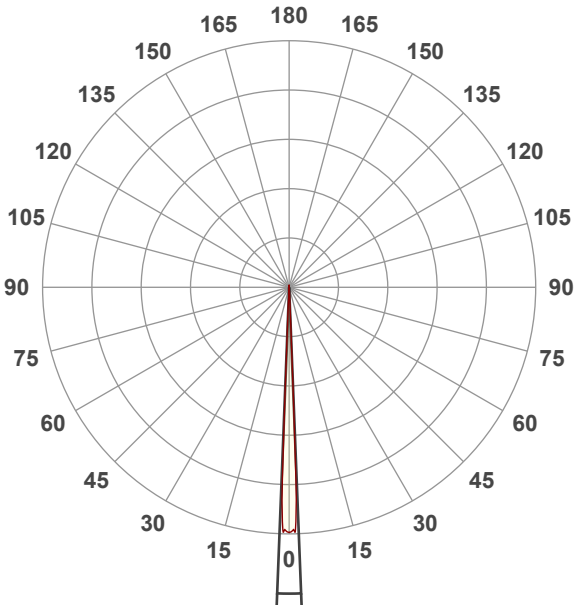
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
Red

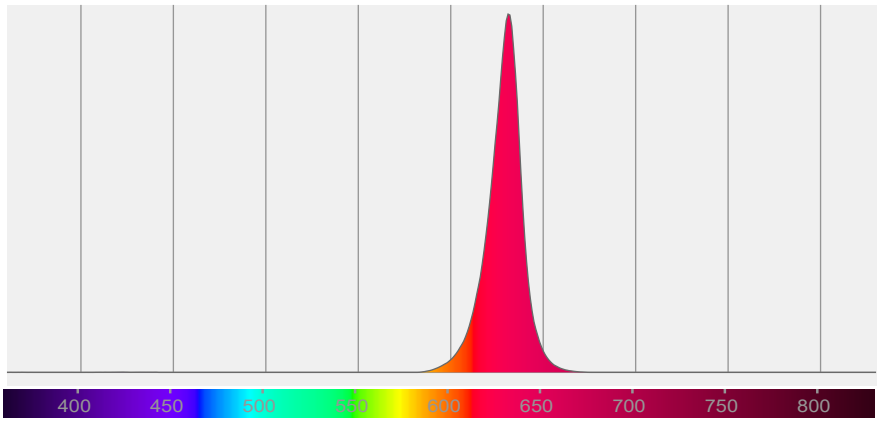
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:07:55



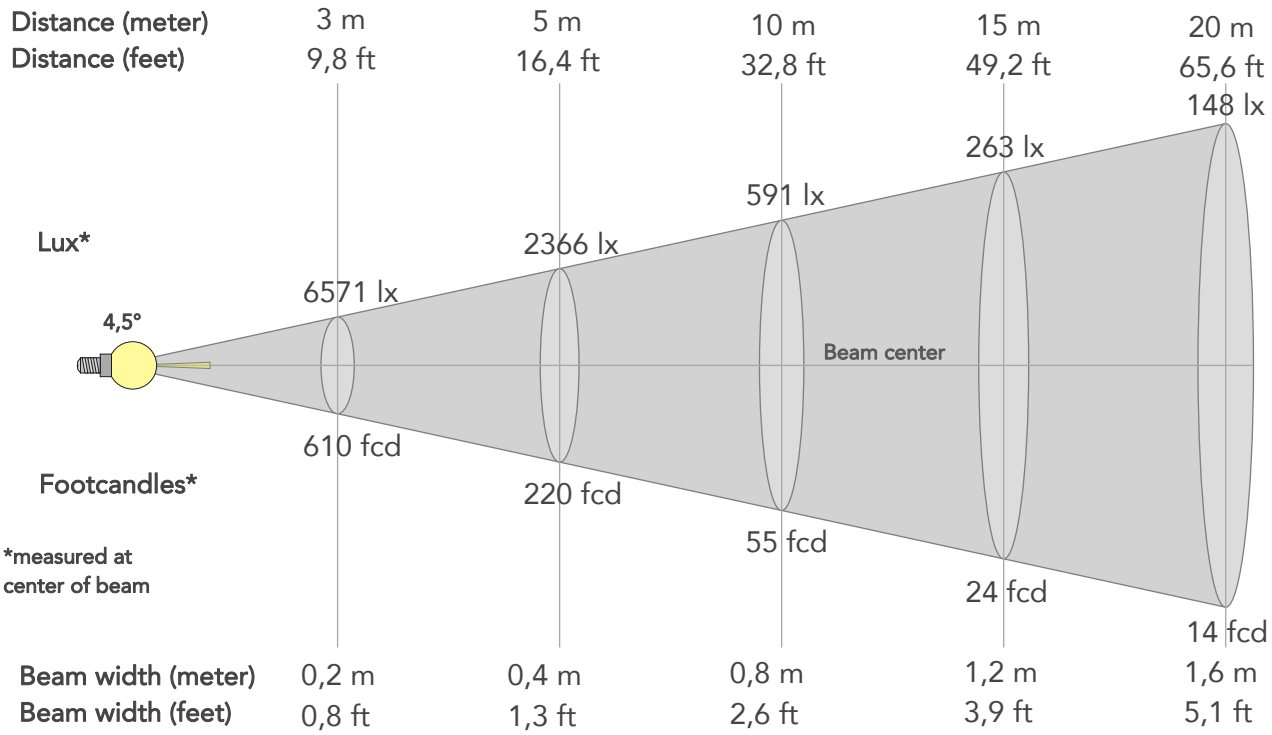
Beam angle 50%: 4,5°
Field angle 10%: 5,3°
Cut off angle 2.5%: 5,9°

Spectra



BEAM DETAILS

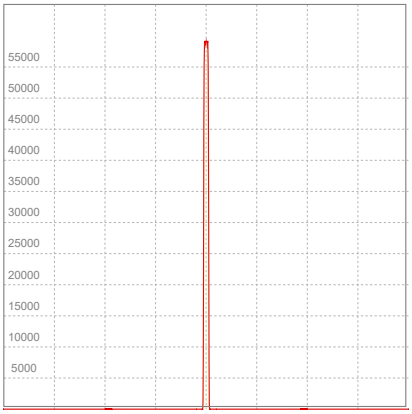
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,5°	5,3°	5,9°	99,7%	99,7%



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	59142lx	14785lx	6571lx	3696lx	2366lx	1051lx	591lx	263lx	148lx	95lx	66lx	37lx	24lx
Footcand.	5494fcd	1374fcd	610fcd	343fcd	220fcd	98fcd	55fcd	24fcd	14fcd	9fcd	6fcd	3fcd	2fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,2m	1,6m	2m	2,3m	3,1m	3,9m
Beam wid.	0,3ft	0,5ft	0,8ft	1ft	1,3ft	1,9ft	2,6ft	3,9ft	5,1ft	6,4ft	7,7ft	10,3ft	12,8ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,241A	41,9W	7lm/W

Power FC
0,77

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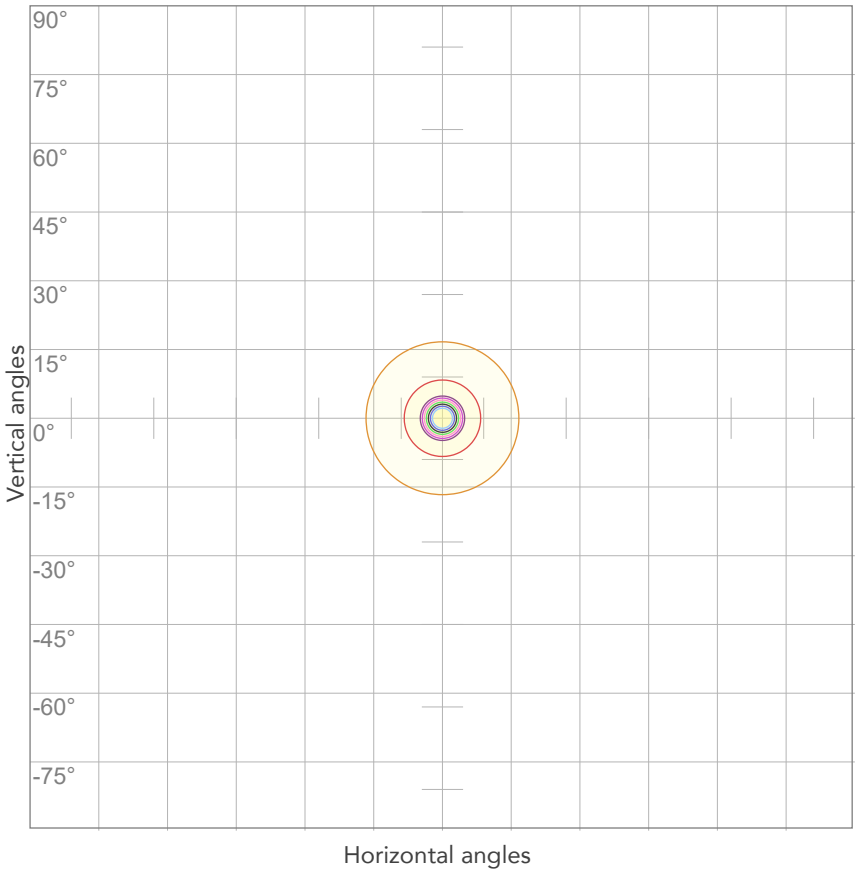
ISO DIAGRAMS

ISO CANDELA DIAGRAM



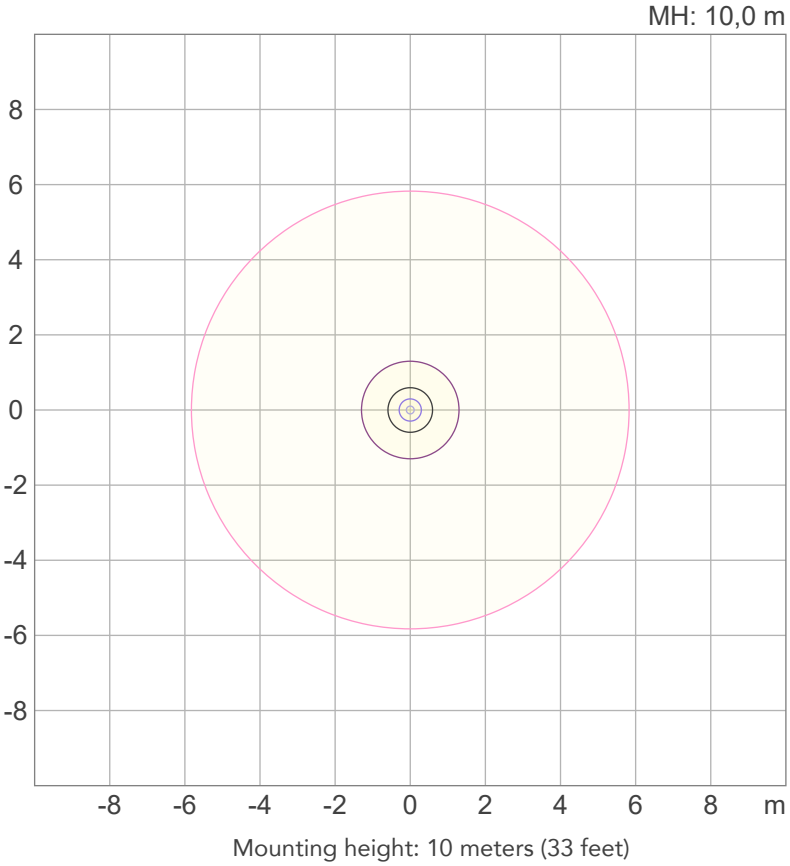
10%	5914 cd
20%	11828 cd
30%	17743 cd
40%	23657 cd
50%	29571 cd
60%	35485 cd
70%	41399 cd
80%	47313 cd

Conditions:

Number of c-planes: 2

Candela at center: 59142 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	17,7 lx
5%	29,6 lx
10%	59,1 lx
30%	177 lx
50%	296 lx

Conditions:

Number of c-planes: 2

Lux at center: 591 lx

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

Total lumen output:

935 lm

Peak candela output:

2543 cd

PRODUCT NAME:

JETPAR7ZIP

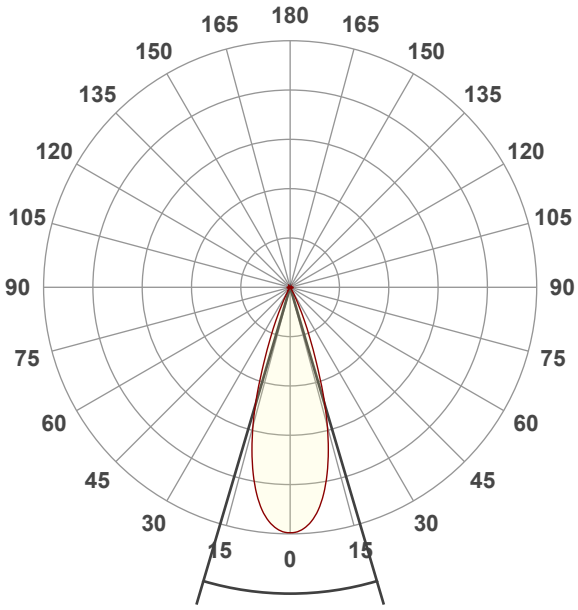
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
Green

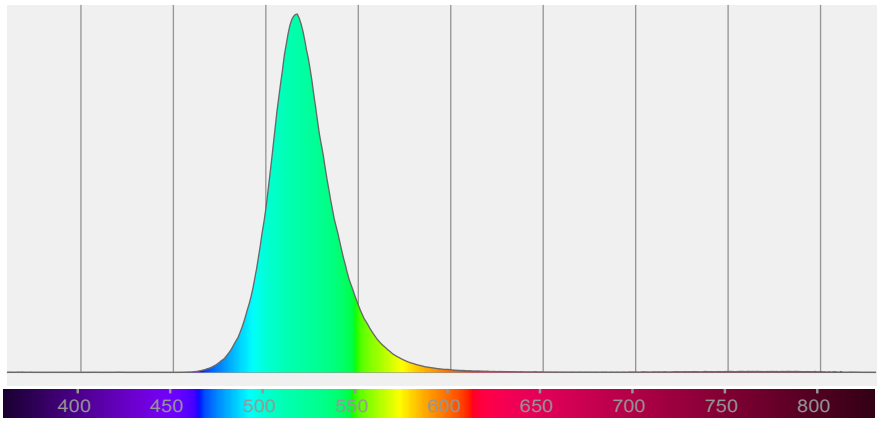
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:54:14



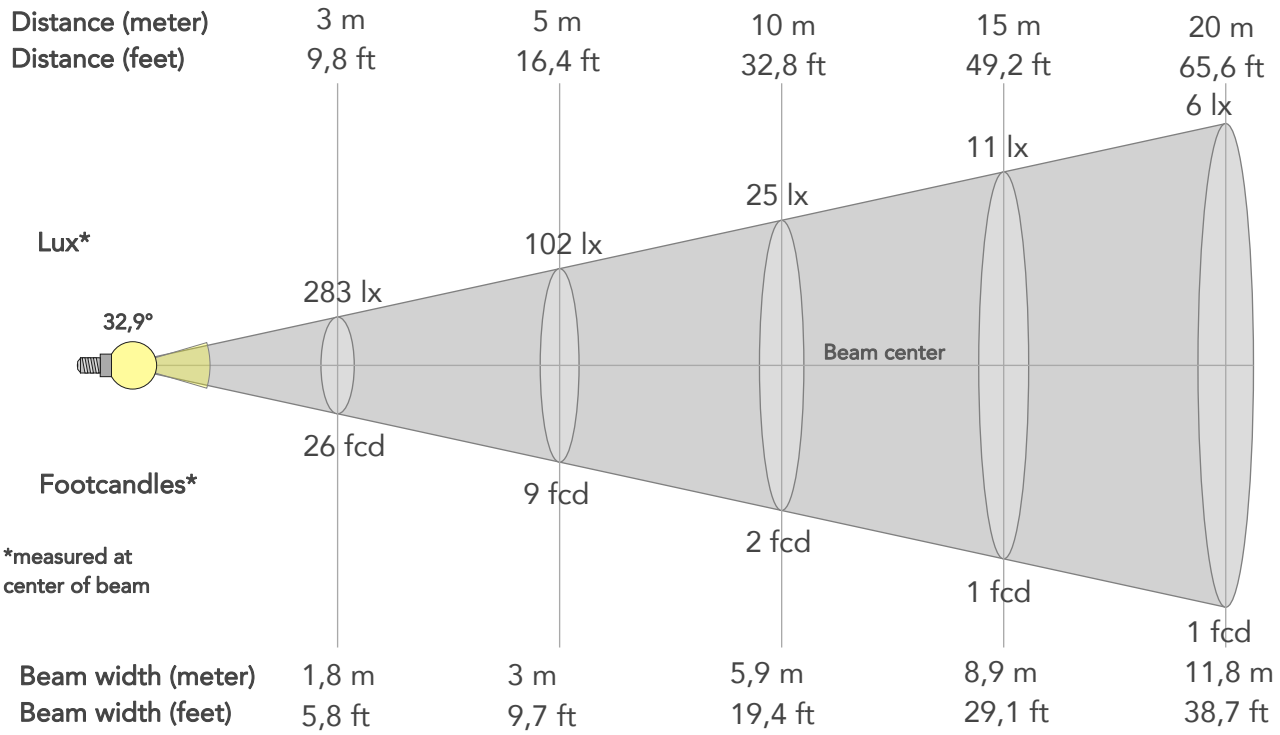
Beam angle 50%: 32,9°
Field angle 10%: 49,4°
Cut off angle 2.5%: 58,6°

Spectra



BEAM DETAILS

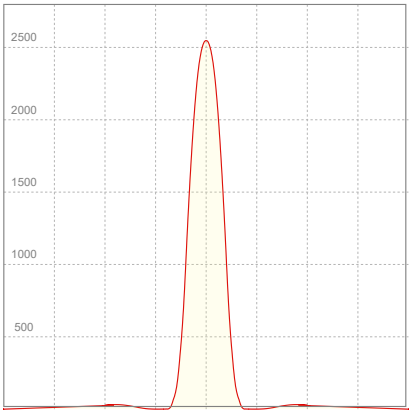
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
32,9°	49,4°	58,6°	79,7%	79,2%



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	2543lx	636lx	283lx	159lx	102lx	45lx	25lx	11lx	6lx	4lx	3lx	2lx	1lx
Footcand.	236fcd	59fcd	26fcd	15fcd	9fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,4m	3m	4,4m	5,9m	8,9m	11,8m	14,8m	17,7m	23,6m	29,5m
Beam wid.	1,9ft	3,9ft	5,8ft	7,7ft	9,7ft	14,5ft	19,4ft	29,1ft	38,7ft	48,4ft	58,1ft	77,5ft	96,9ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,257A	46,3W	20lm/W

Power FC
0,8

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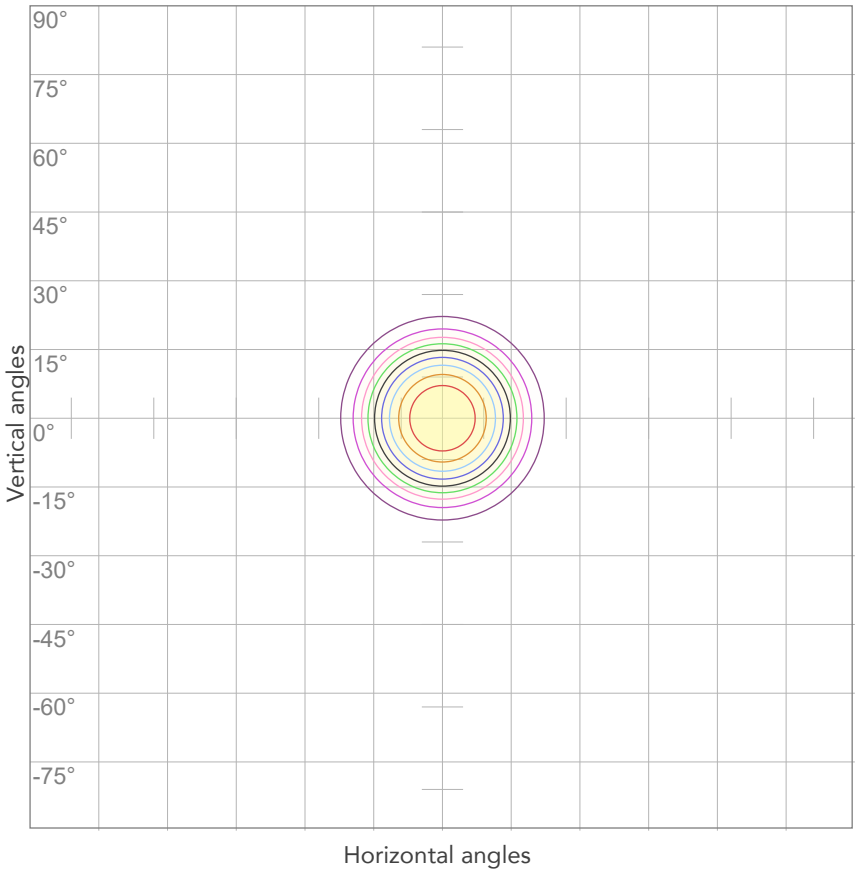
ISO DIAGRAMS

ISO CANDELA DIAGRAM



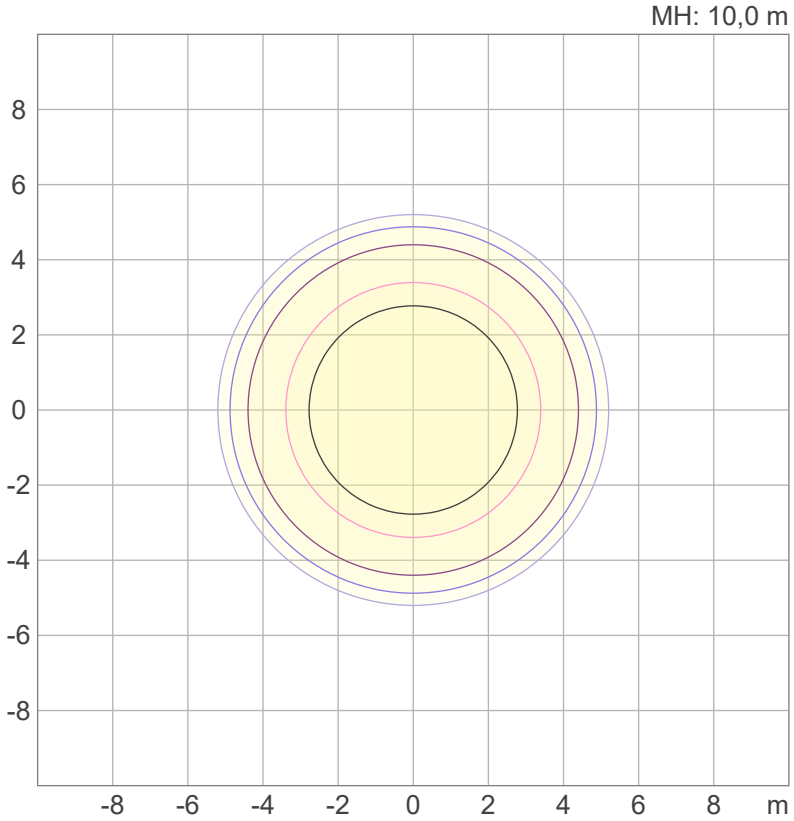
10%	254 cd
20%	509 cd
30%	763 cd
40%	1017 cd
50%	1271 cd
60%	1526 cd
70%	1780 cd
80%	2034 cd

Conditions:

Number of c-planes: 2

Candela at center: 2543 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,763 lx
5%	1,27 lx
10%	2,54 lx
30%	7,63 lx
50%	12,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 25,4 lx

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

Total lumen output:

782 lm

Peak candela output:

7971 cd

PRODUCT NAME:

JETPAR7ZIP

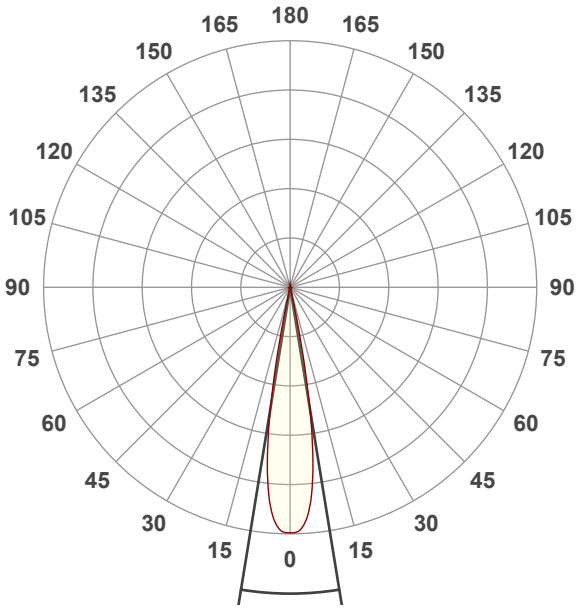
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
Green

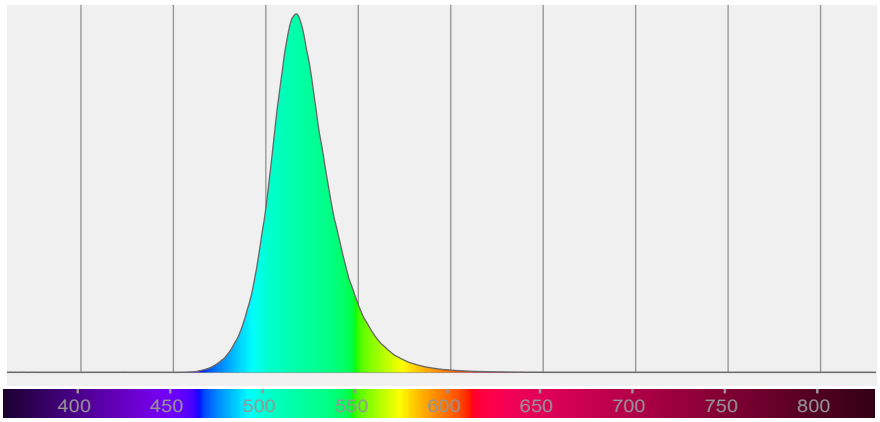
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:52:46



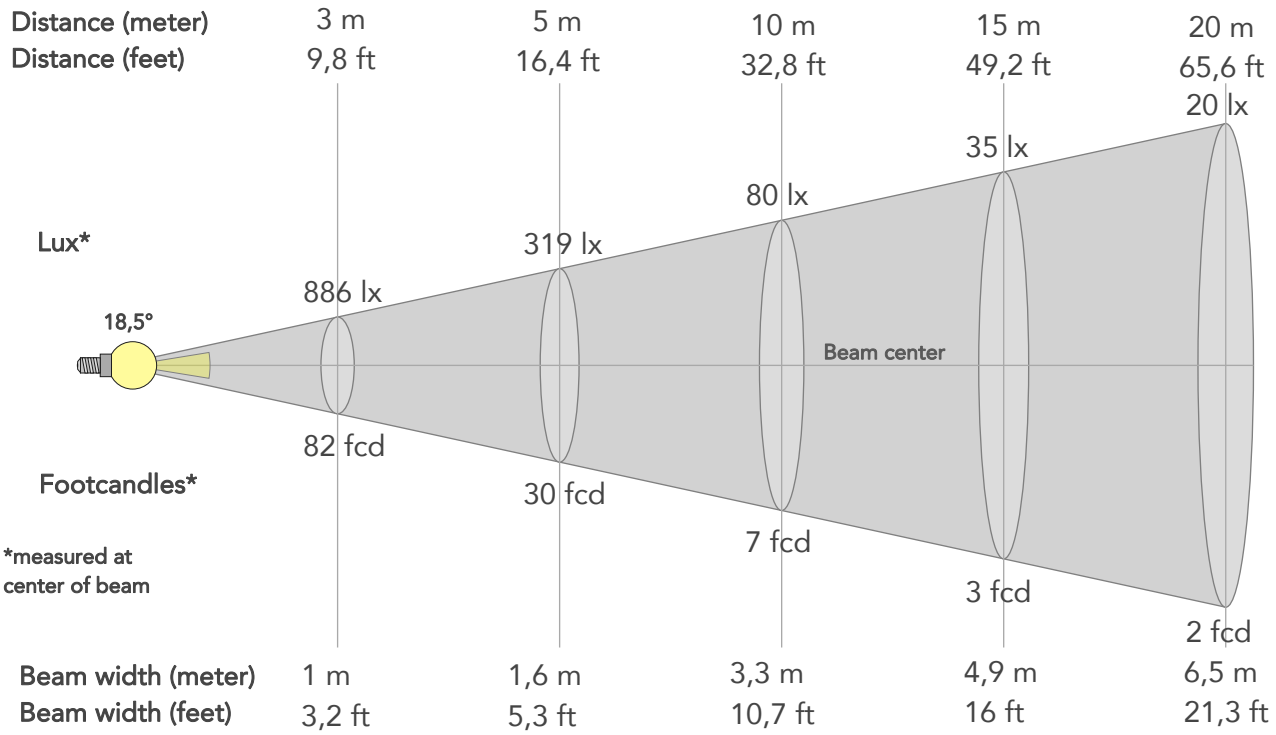
Beam angle 50%: 18,5°
Field angle 10%: 24,6°
Cut off angle 2.5%: 26,7°

Spectra



BEAM DETAILS

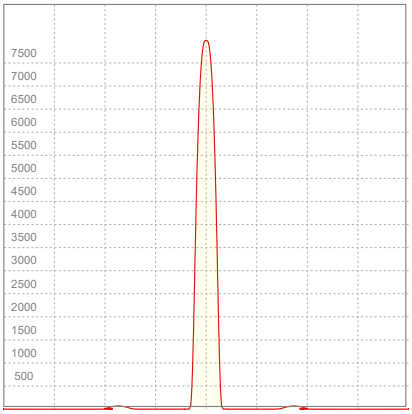
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,5°	24,6°	26,7°	84,8%	84,8%



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	7971lx	1993lx	886lx	498lx	319lx	142lx	80lx	35lx	20lx	13lx	9lx	5lx	3lx
Footcand.	740fcd	185fcd	82fcd	46fcd	30fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,3m	0,7m	1m	1,3m	1,6m	2,4m	3,3m	4,9m	6,5m	8,1m	9,8m	13m	16,3m
Beam wid.	1,1ft	2,1ft	3,2ft	4,3ft	5,3ft	8ft	10,7ft	16ft	21,3ft	26,7ft	32ft	42,7ft	53,3ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,261A	47,1W	17lm/W

Power FC
0,8

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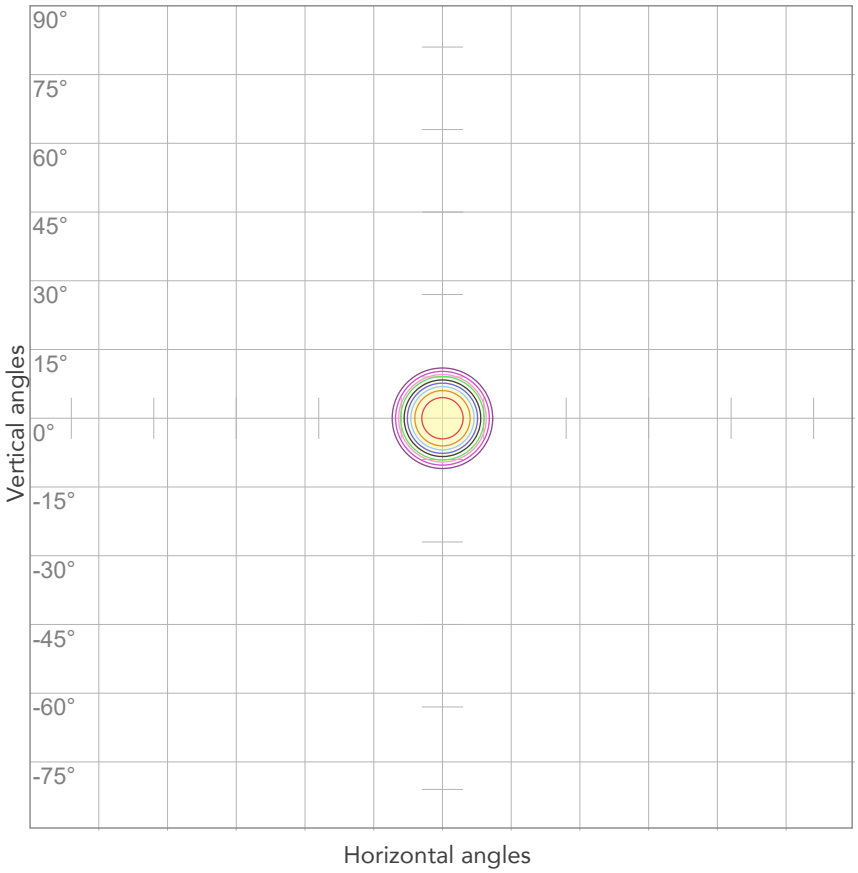
ISO DIAGRAMS

ISO CANDELA DIAGRAM



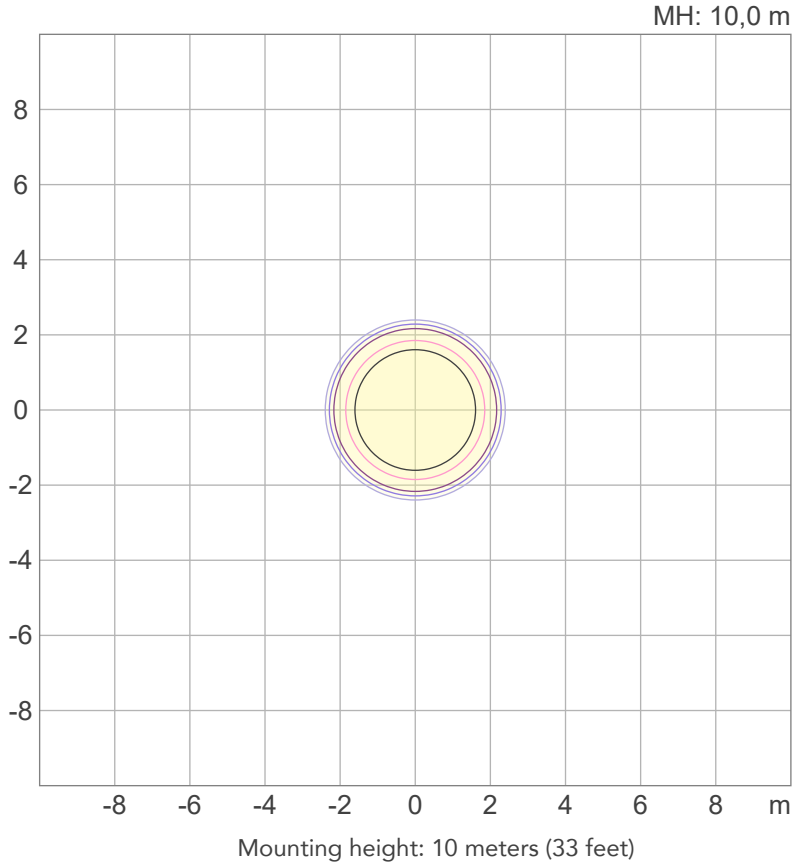
10%	797 cd
20%	1594 cd
30%	2391 cd
40%	3188 cd
50%	3985 cd
60%	4782 cd
70%	5579 cd
80%	6376 cd

Conditions:

Number of c-planes: 2

Candela at center: 7971 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	2,39 lx
5%	3,99 lx
10%	7,97 lx
30%	23,9 lx
50%	39,9 lx

Conditions:

Number of c-planes: 2

Lux at center: 79,7 lx

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

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Total lumen output:

473 lm

Peak candela output:

94585 cd

PRODUCT NAME:

JETPAR7ZIP

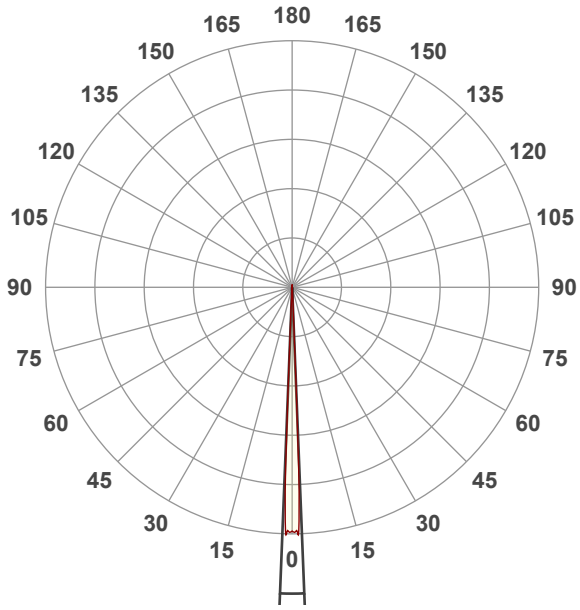
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
Green

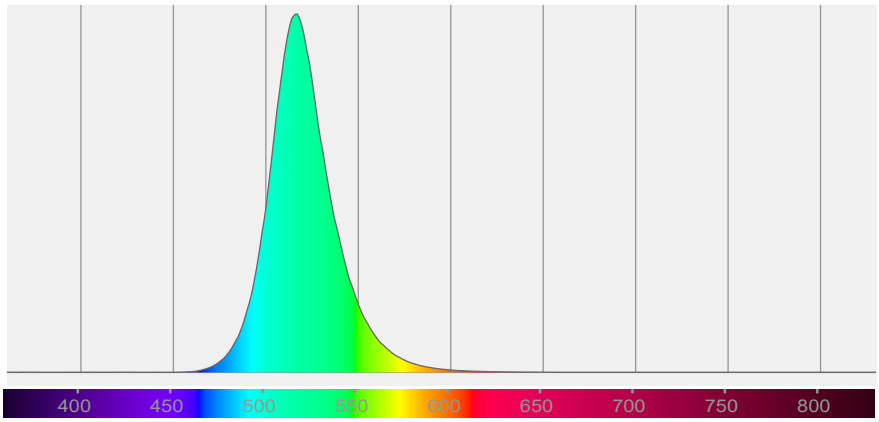
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:51:31



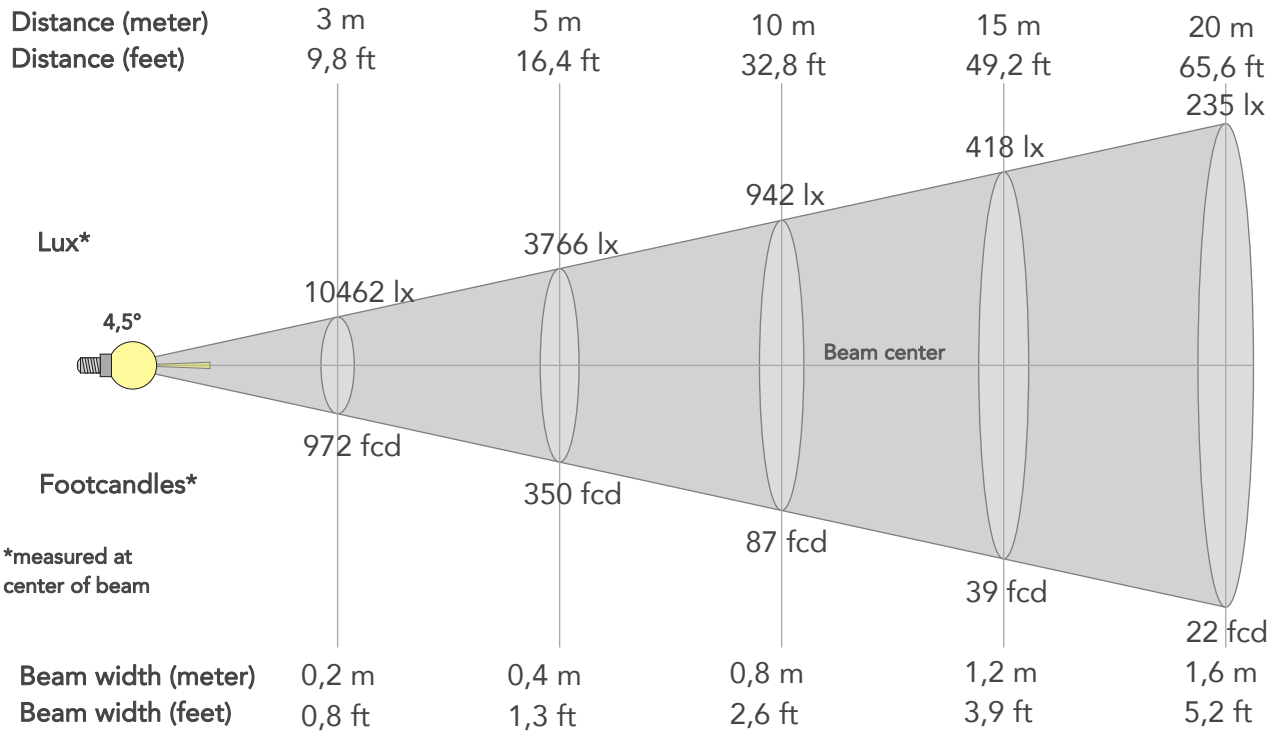
Beam angle 50%: 4,5°
Field angle 10%: 5,5°
Cut off angle 2.5%: 6°

Spectra



BEAM DETAILS

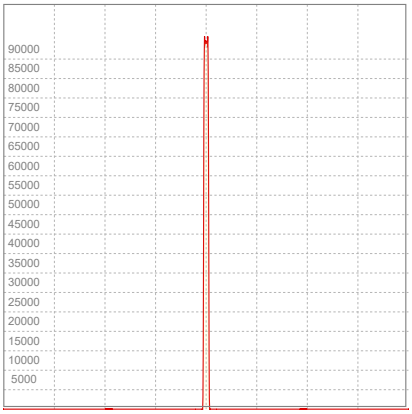
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,5°	5,5°	6°	99,9%	99,9%



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	94154lx	23538lx	10462lx	5885lx	3766lx	1674lx	942lx	418lx	235lx	151lx	105lx	59lx	38lx
Footcand.	8747fcd	2187fcd	972fcd	547fcd	350fcd	156fcd	87fcd	39fcd	22fcd	14fcd	10fcd	5fcd	3fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,2m	1,6m	2m	2,4m	3,2m	4m
Beam wid.	0,3ft	0,5ft	0,8ft	1ft	1,3ft	2ft	2,6ft	3,9ft	5,2ft	6,5ft	7,8ft	10,4ft	13ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,260A	47,0W	10lm/W

Power FC
0,8

Via A. Olivetti snc
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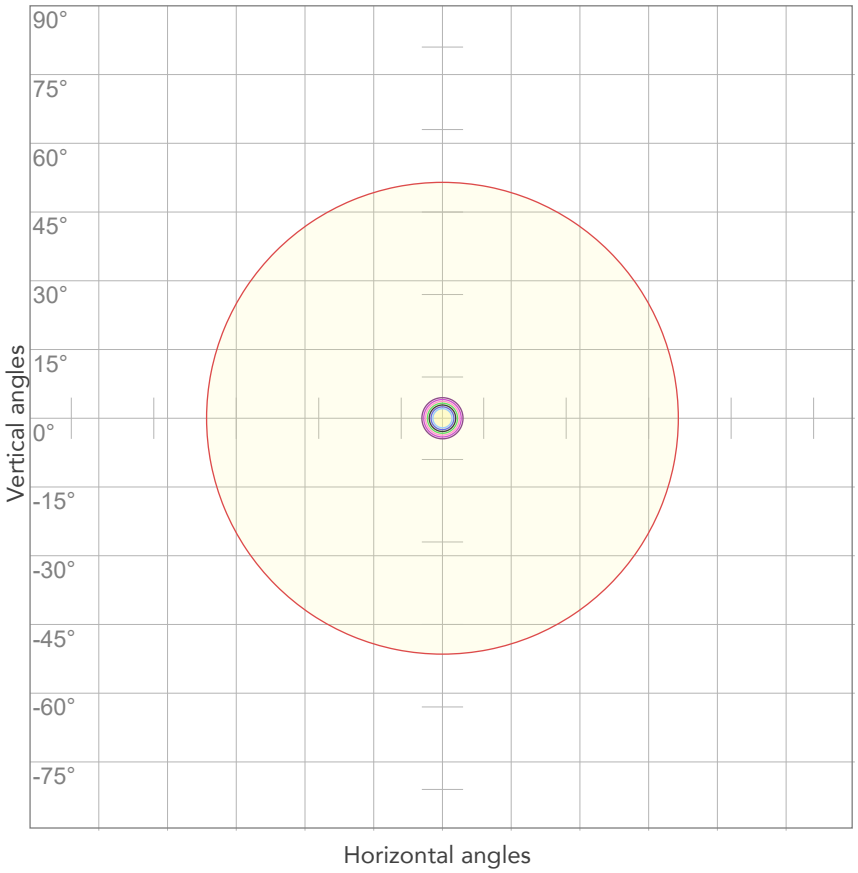
ISO DIAGRAMS

ISO CANDELA DIAGRAM



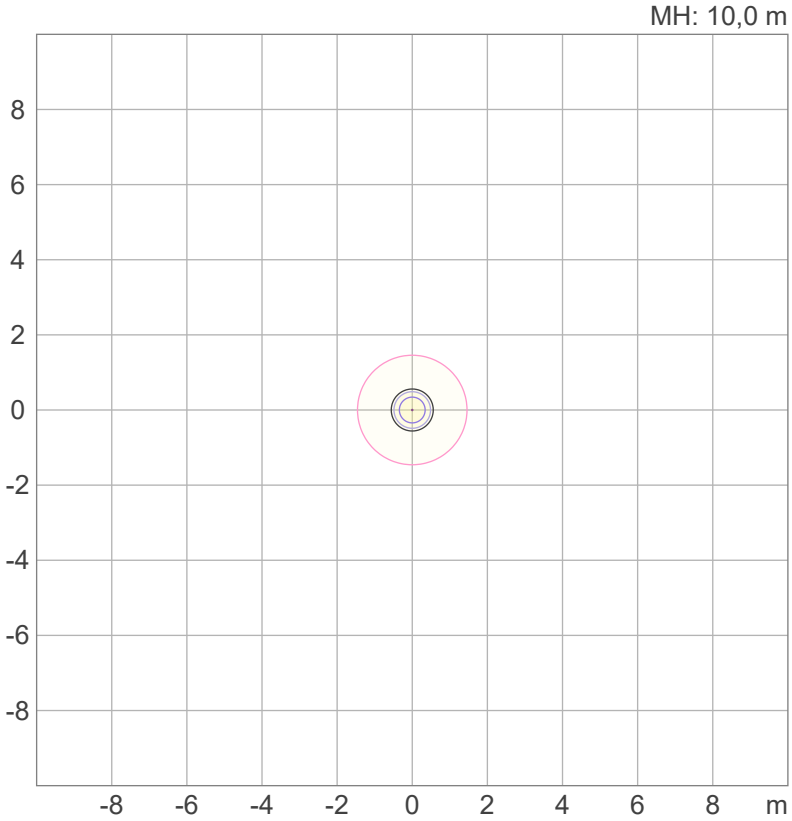
10%	9415 cd
20%	18831 cd
30%	28246 cd
40%	37662 cd
50%	47077 cd
60%	56492 cd
70%	65908 cd
80%	75323 cd

Conditions:

Number of c-planes: 2

Candela at center: 94154 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	28,2 lx
5%	47,1 lx
10%	94,2 lx
30%	282 lx
50%	471 lx

Conditions:

Number of c-planes: 2

Lux at center: 942 lx

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

Total lumen output:

150 lm

Peak candela output:

439 cd

PRODUCT NAME:

JETPAR7ZIP

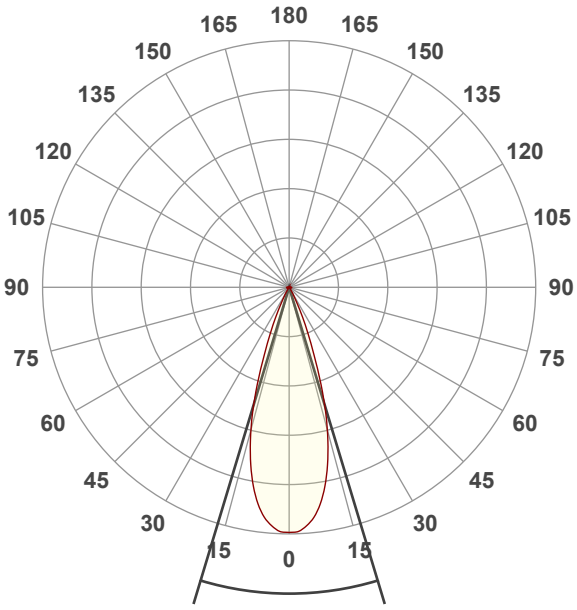
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
Blue

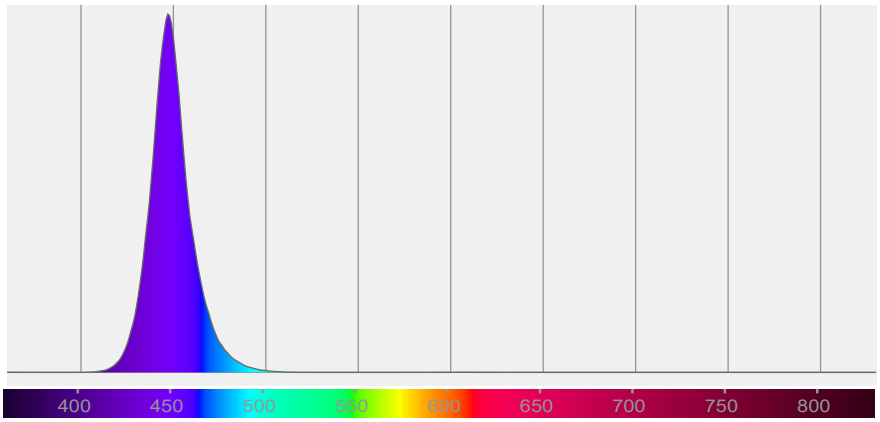
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:47:01



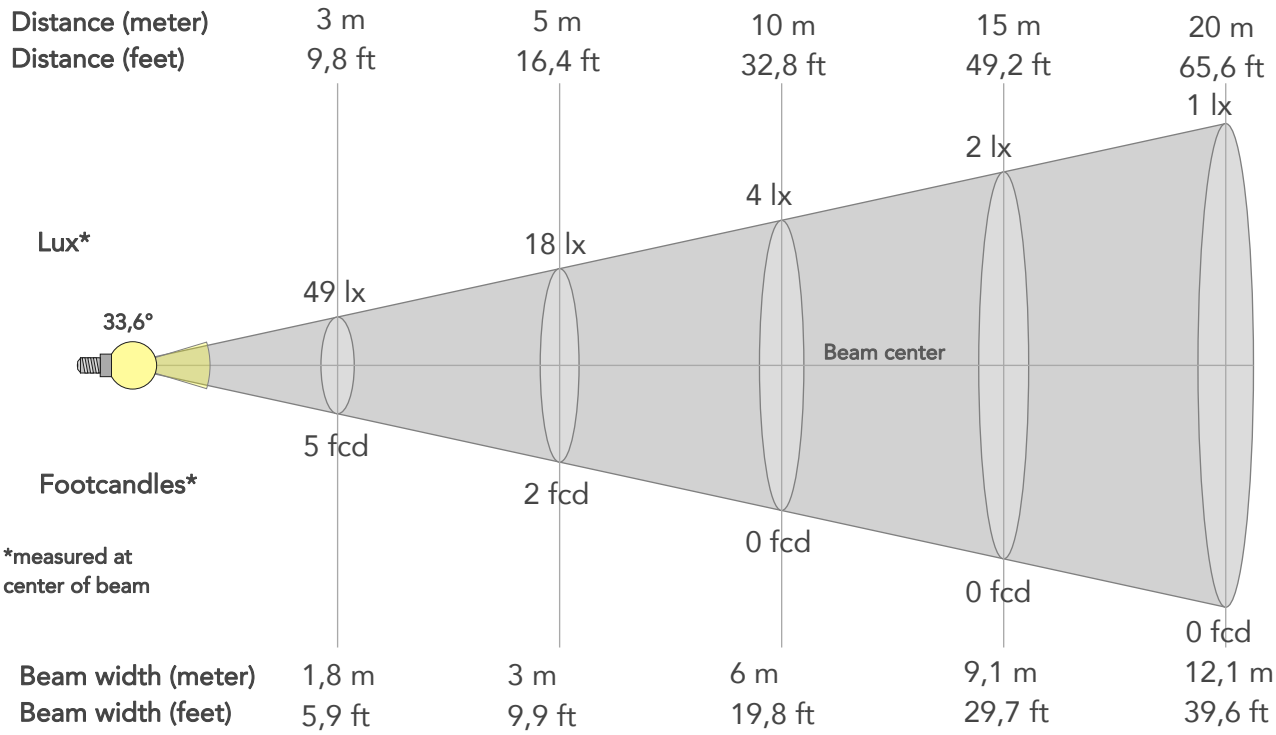
Beam angle 50%: 33,6°
Field angle 10%: 50,8°
Cut off angle 2.5%: 61,2°

Spectra



BEAM DETAILS

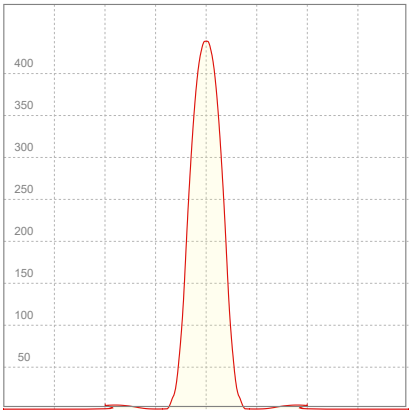
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
33,6°	50,8°	61,2°	90,2%	89,6%



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	439lx	110lx	49lx	27lx	18lx	8lx	4lx	2lx	1lx	1lx	0lx	0lx	0lx
Footcand.	41fcd	10fcd	5fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,4m	3m	4,5m	6m	9,1m	12,1m	15,1m	18,1m	24,2m	30,2m
Beam wid.	2ft	4ft	5,9ft	7,9ft	9,9ft	14,9ft	19,8ft	29,7ft	39,6ft	49,5ft	59,4ft	79,2ft	99ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,241A	42,2W	4lm/W

Power FC
0,77

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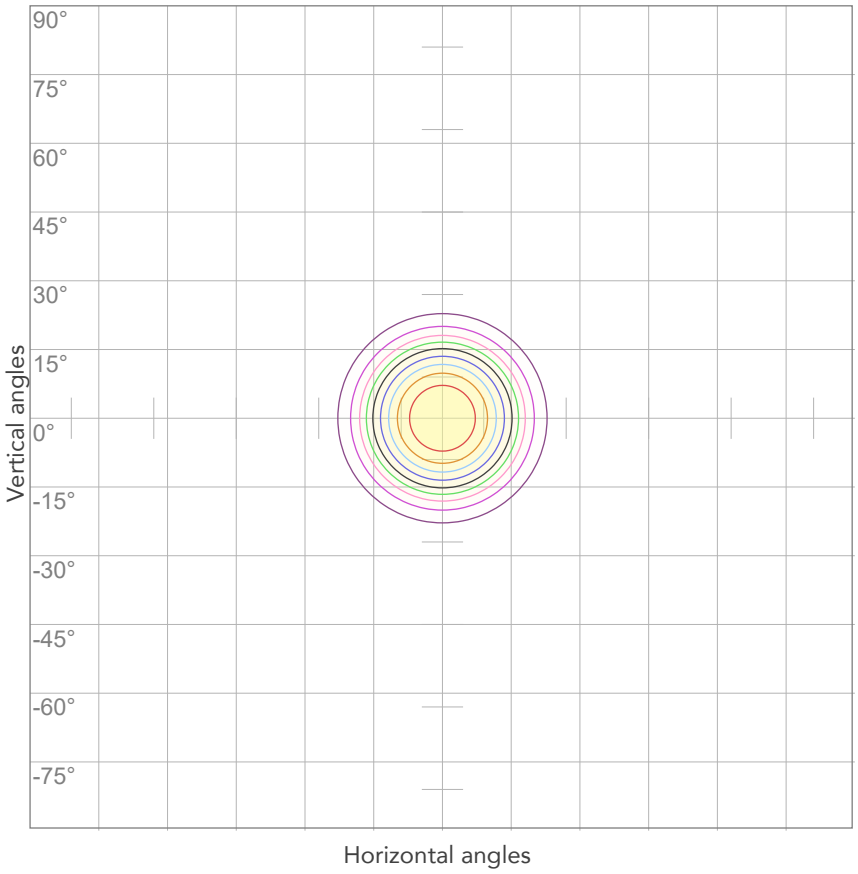
ISO DIAGRAMS

ISO CANDELA DIAGRAM



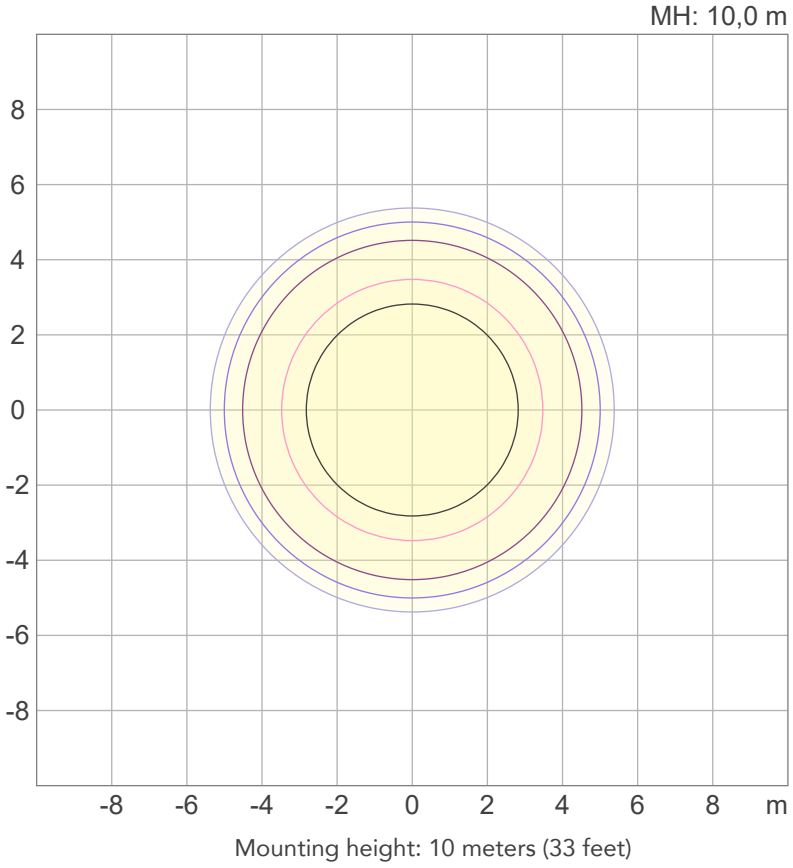
10%	44 cd
20%	88 cd
30%	132 cd
40%	175 cd
50%	219 cd
60%	263 cd
70%	307 cd
80%	351 cd

Conditions:

Number of c-planes: 2

Candela at center: 439 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,132 lx
5%	0,219 lx
10%	0,439 lx
30%	1,32 lx
50%	2,19 lx

Conditions:

Number of c-planes: 2

Lux at center: 4,39 lx

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

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Total lumen output:

143 lm

Peak candela output:

1508 cd

PRODUCT NAME:

JETPAR7ZIP

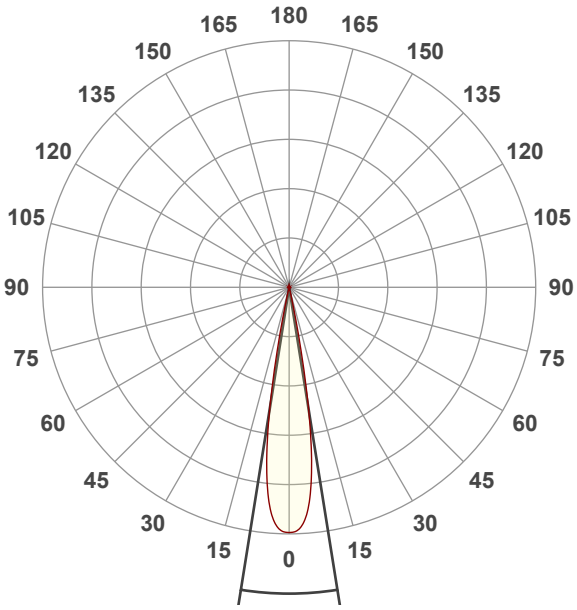
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
Blue

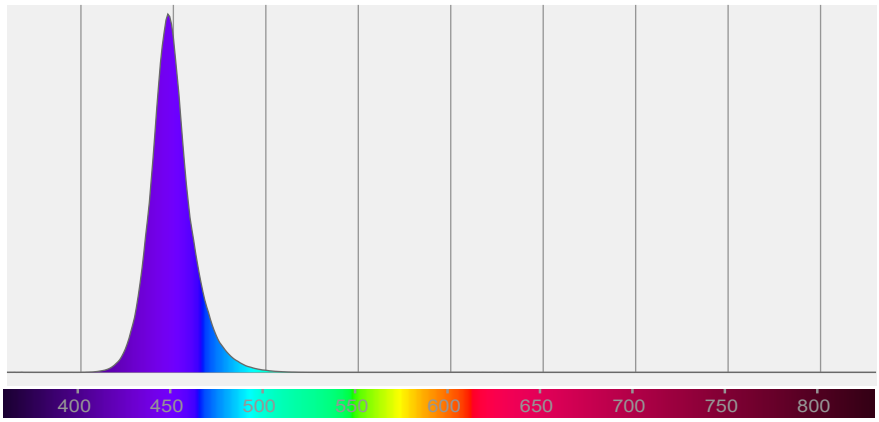
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:48:19



Beam angle 50%: 18,1°
Field angle 10%: 24°
Cut off angle 2.5%: 26,3°

Spectra



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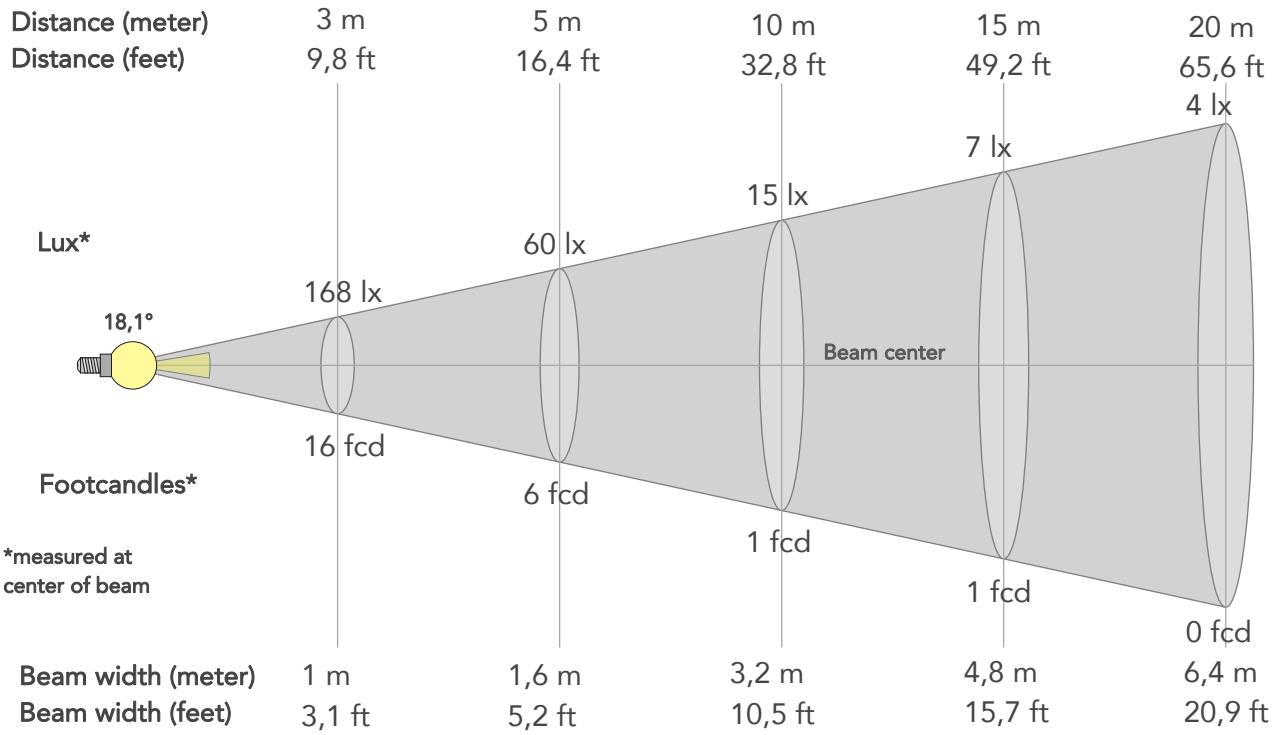
BEAM DETAILS

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,1°	24°	26,3°	84,6%	84,6%



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	1508lx	377lx	168lx	94lx	60lx	27lx	15lx	7lx	4lx	2lx	2lx	1lx	1lx
Footcand.	140fcd	35fcd	16fcd	9fcd	6fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8m	9,6m	12,8m	16m
Beam wid.	1,1ft	2,1ft	3,1ft	4,2ft	5,2ft	7,9ft	10,5ft	15,7ft	20,9ft	26,2ft	31,4ft	41,9ft	52,3ft

LINEAR DISTRIBUTION DIAGRAM

ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,242A	42,3W	3lm/W

Power FC
0,77

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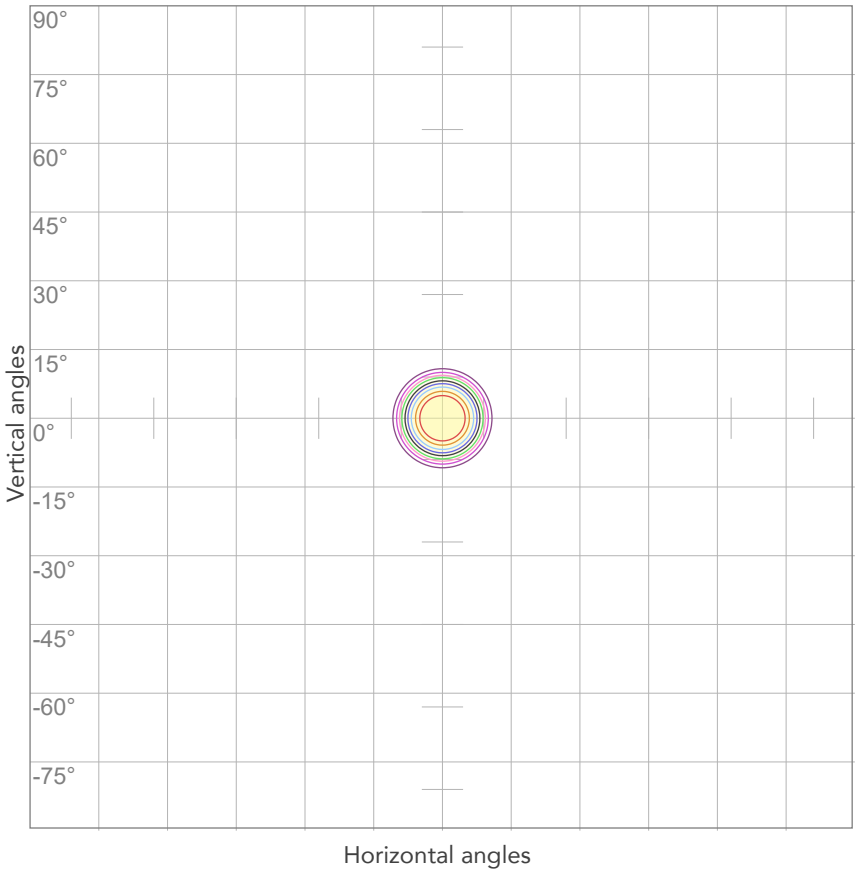
ISO DIAGRAMS

ISO CANDELA DIAGRAM



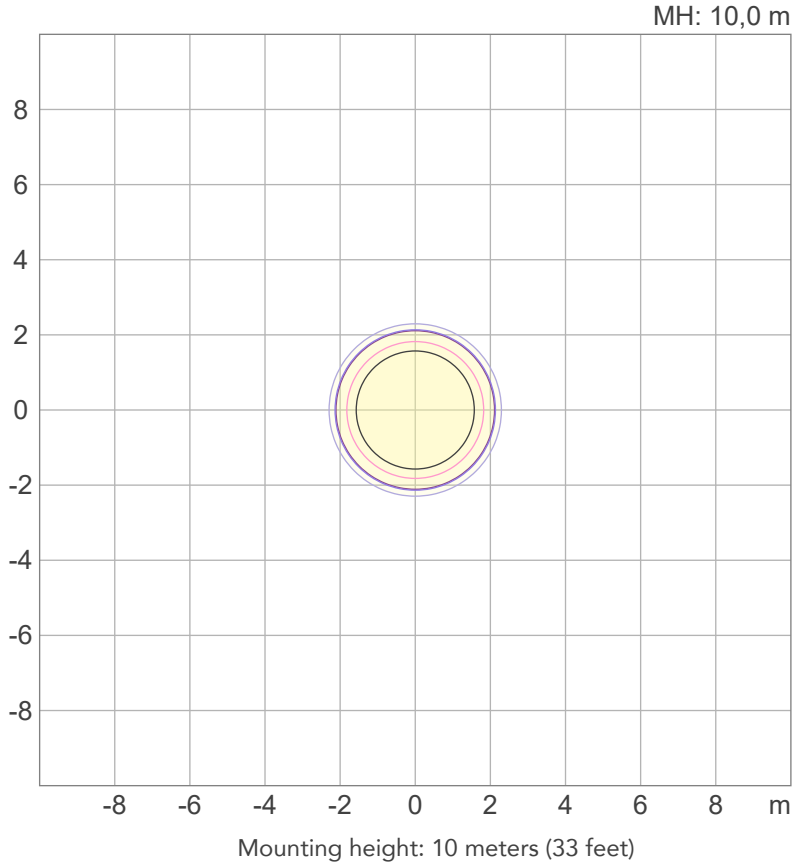
10%	151 cd
20%	302 cd
30%	452 cd
40%	603 cd
50%	754 cd
60%	905 cd
70%	1055 cd
80%	1206 cd

Conditions:

Number of c-planes: 2

Candela at center: 1508 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,452 lx
5%	0,754 lx
10%	1,51 lx
30%	4,52 lx
50%	7,54 lx

Conditions:

Number of c-planes: 2

Lux at center: 15,1 lx

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

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Total lumen output:

87,8 lm

Peak candela output:

17392 cd

PRODUCT NAME:

JETPAR7ZIP

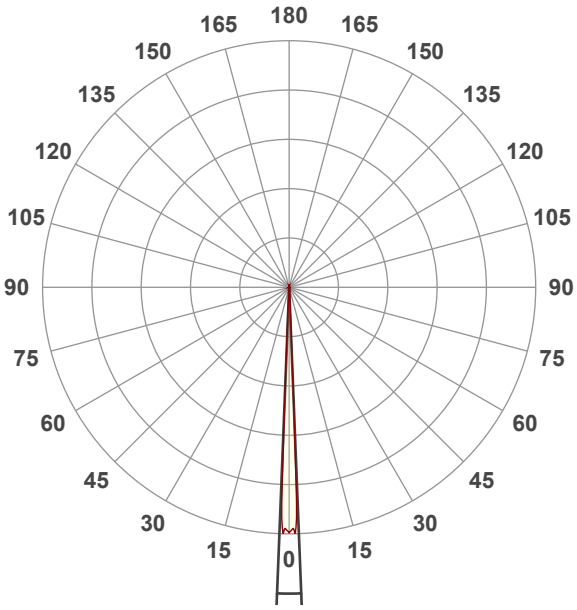
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
Blue

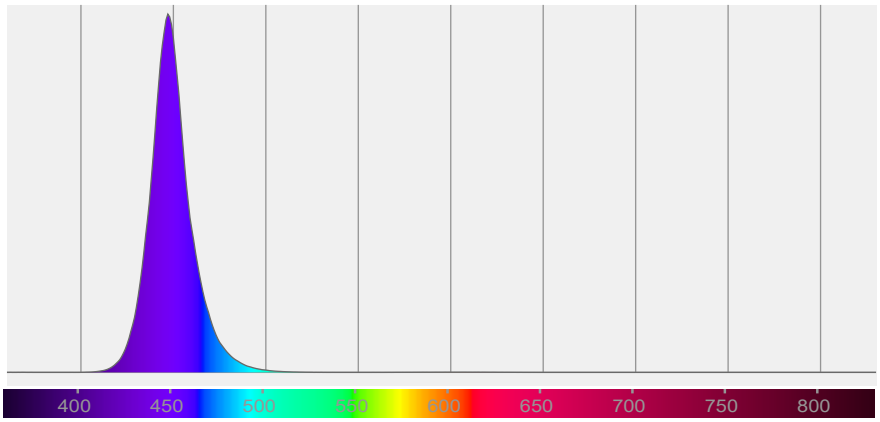
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:49:50



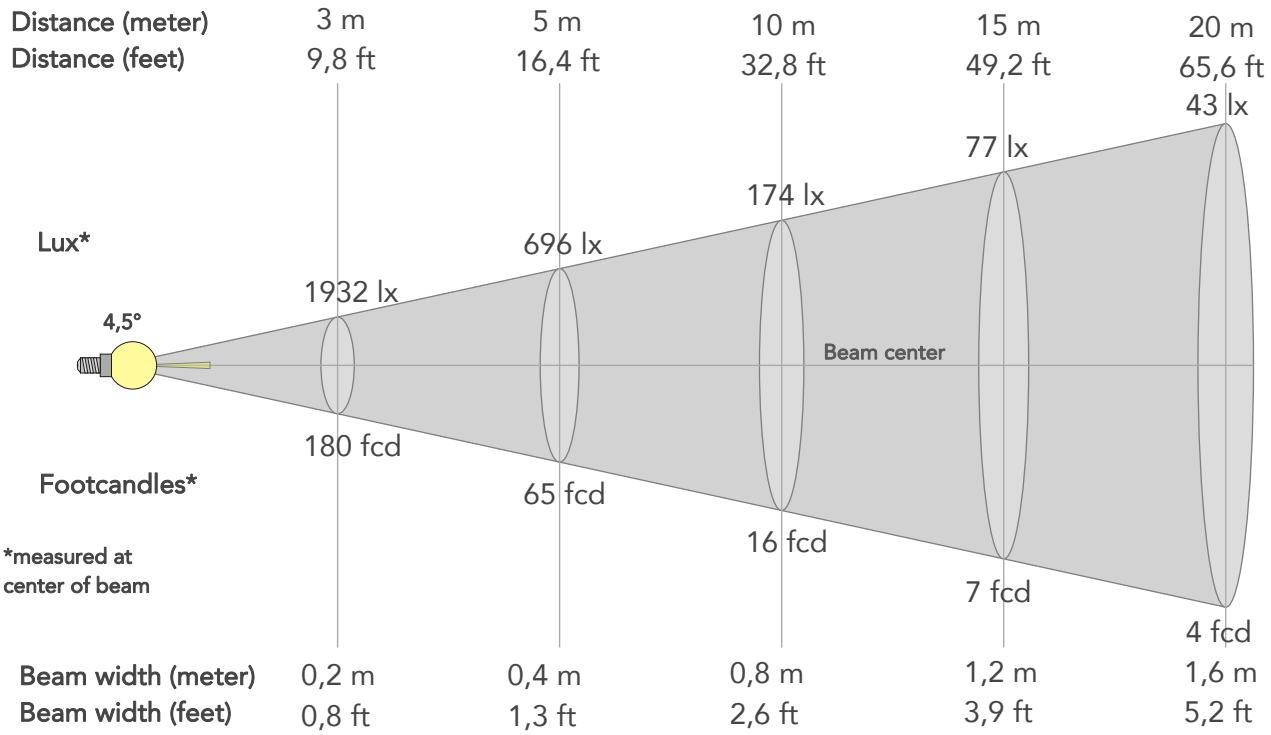
Beam angle 50%: 4,5°
Field angle 10%: 5,5°
Cut off angle 2.5%: 5,9°

Spectra



BEAM DETAILS

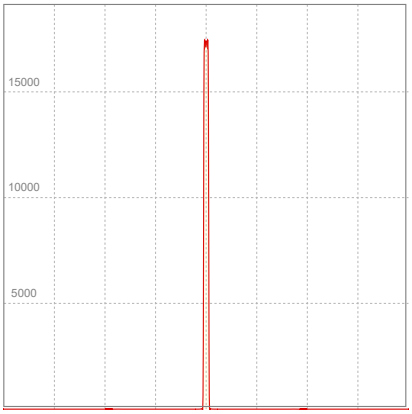
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,5°	5,5°	5,9°	98,8%	98,8%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	17392lx	4348lx	1932lx	1087lx	696lx	309lx	174lx	77lx	43lx	28lx	19lx	11lx	7lx
Footcand.	1616fcd	404fcd	180fcd	101fcd	65fcd	29fcd	16fcd	7fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,2m	1,6m	2m	2,4m	3,2m	4m
Beam wid.	0,3ft	0,5ft	0,8ft	1ft	1,3ft	1,9ft	2,6ft	3,9ft	5,2ft	6,5ft	7,8ft	10,4ft	13ft

LINEAR DISTRIBUTION DIAGRAM



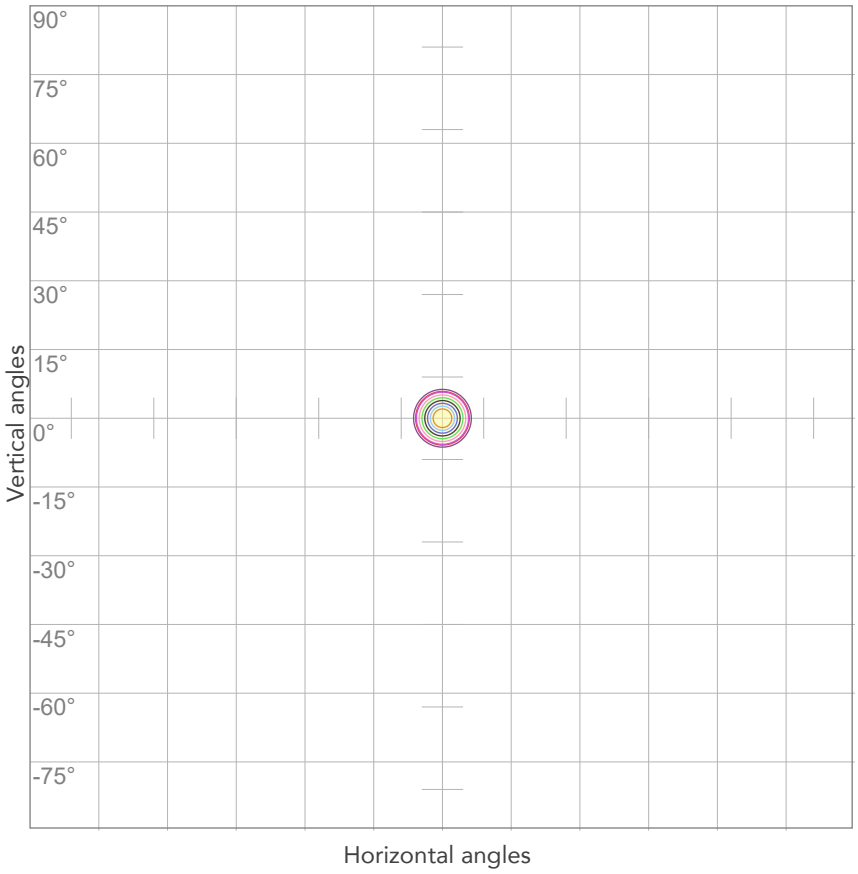
ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,242A	42,3W	2lm/W

Power FC
0,77

ISO DIAGRAMS

ISO CANDELA DIAGRAM



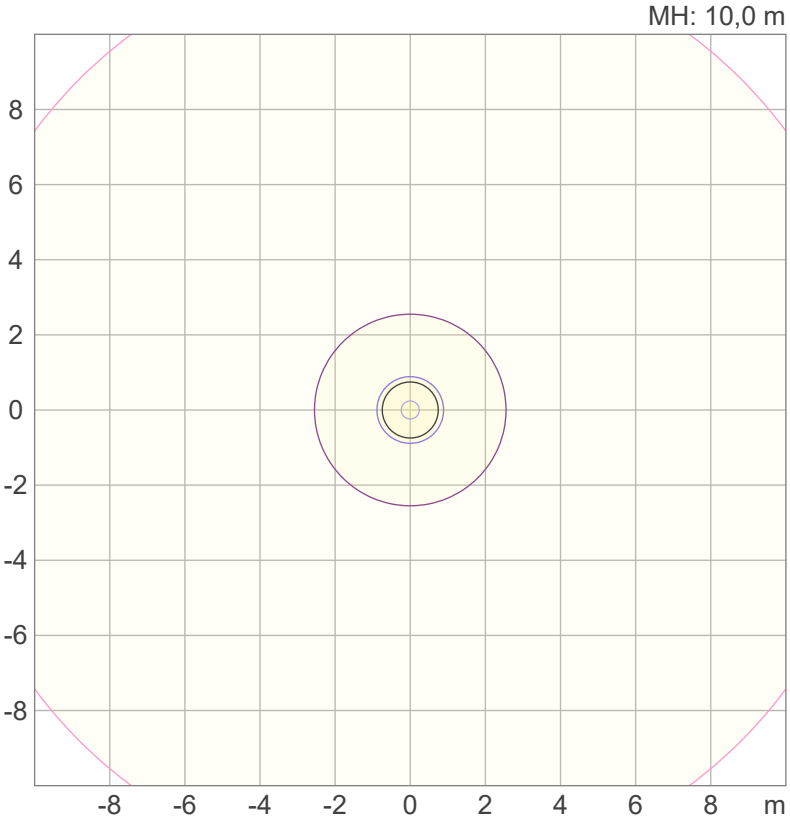
10%	1739 cd
20%	3478 cd
30%	5218 cd
40%	6957 cd
50%	8696 cd
60%	10435 cd
70%	12175 cd
80%	13914 cd

Conditions:

Number of c-planes: 2

Candela at center: 17392 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	5,22 lx
5%	8,70 lx
10%	17,4 lx
30%	52,2 lx
50%	87,0 lx

Conditions:

Number of c-planes: 2

Lux at center: 174 lx

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

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Total lumen output:

998 lm

Peak candela output:

2758 cd

PRODUCT NAME:

JETPAR7ZIP

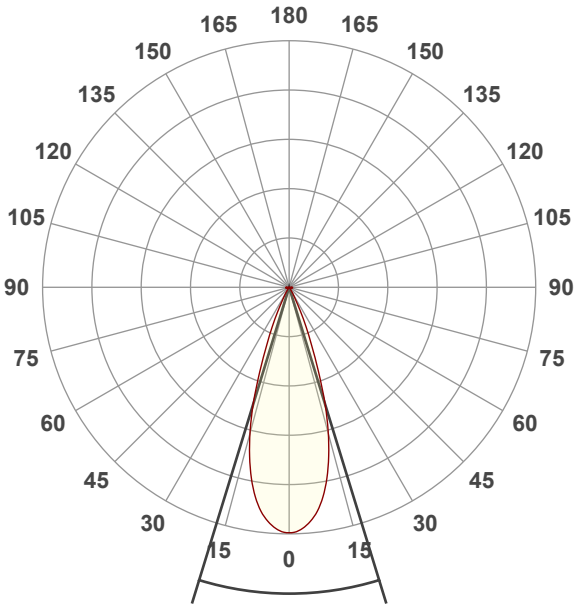
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
White

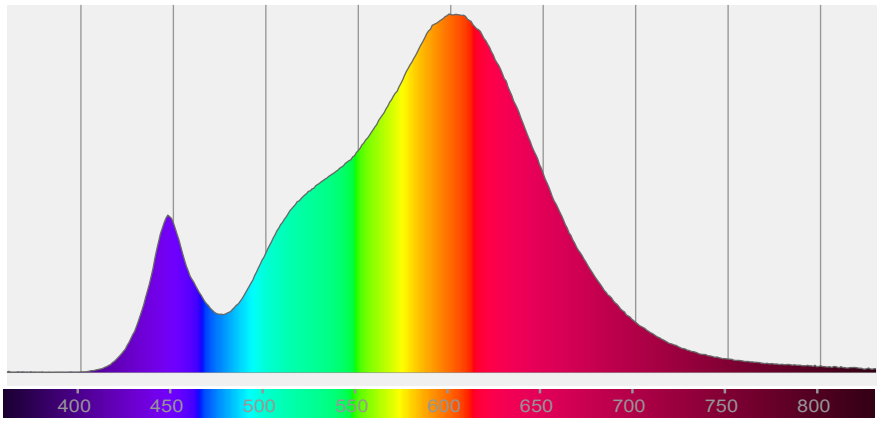
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:45:36



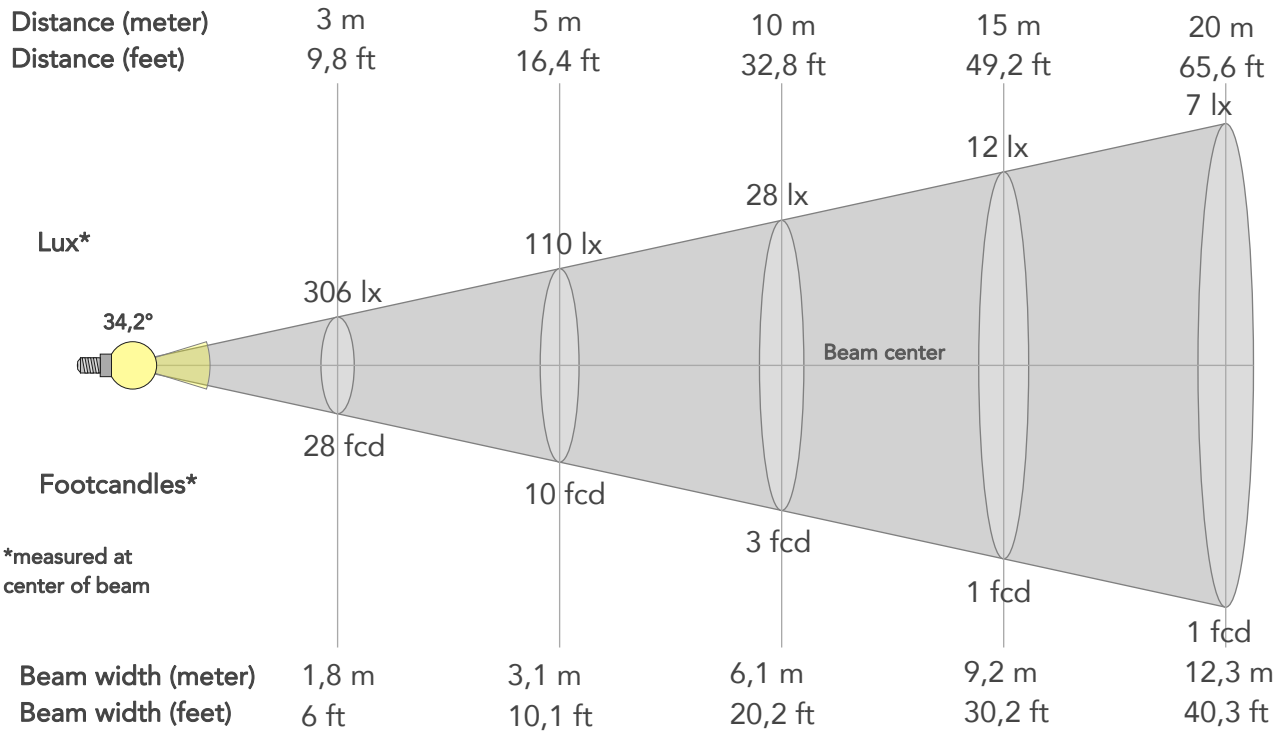
Beam angle 50%: 34,2°
Field angle 10%: 51,1°
Cut off angle 2.5%: 62°

Spectra



BEAM DETAILS

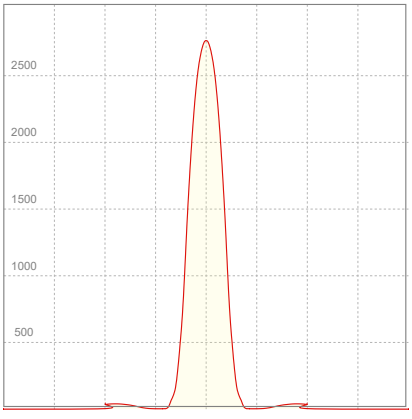
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
34,2°	51,1°	62°	87,7%	86,6%



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	2758lx	690lx	306lx	172lx	110lx	49lx	28lx	12lx	7lx	4lx	3lx	2lx	1lx
Footcand.	256fcd	64fcd	28fcd	16fcd	10fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,5m	3,1m	4,6m	6,1m	9,2m	12,3m	15,4m	18,4m	24,6m	30,7m
Beam wid.	2ft	4,1ft	6ft	8,1ft	10,1ft	15,1ft	20,2ft	30,2ft	40,3ft	50,4ft	60,5ft	80,7ft	100,8ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,262A	47,4W	21lm/W

Power FC
0,8

Via A. Olivetti snc
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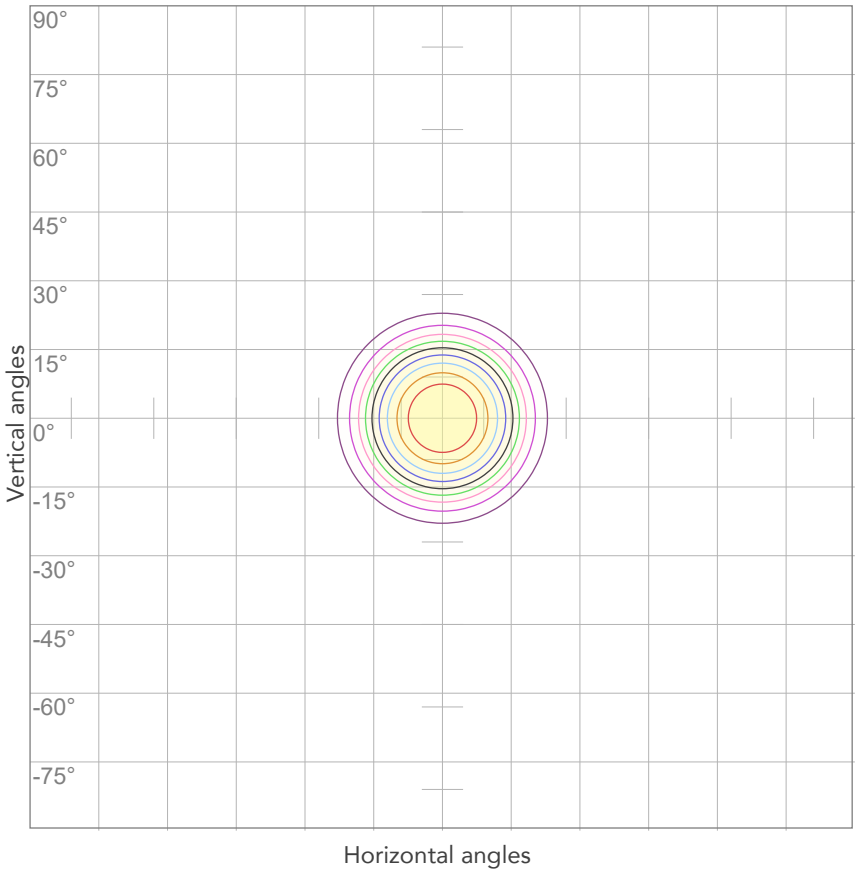
ISO DIAGRAMS

ISO CANDELA DIAGRAM



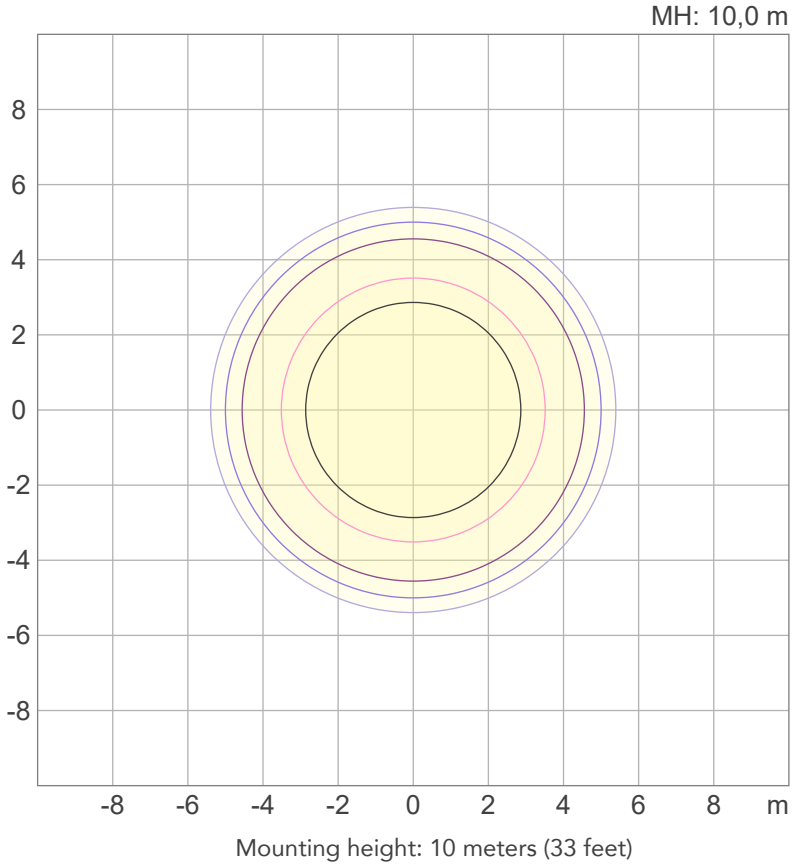
10%	276 cd
20%	552 cd
30%	827 cd
40%	1103 cd
50%	1379 cd
60%	1655 cd
70%	1931 cd
80%	2207 cd

Conditions:

Number of c-planes: 2

Candela at center: 2758 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,827 lx
5%	1,38 lx
10%	2,76 lx
30%	8,27 lx
50%	13,8 lx

Conditions:

Number of c-planes: 2

Lux at center: 27,6 lx

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

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Total lumen output:

929 lm

Peak candela output:

9104 cd

PRODUCT NAME:

JETPAR7ZIP

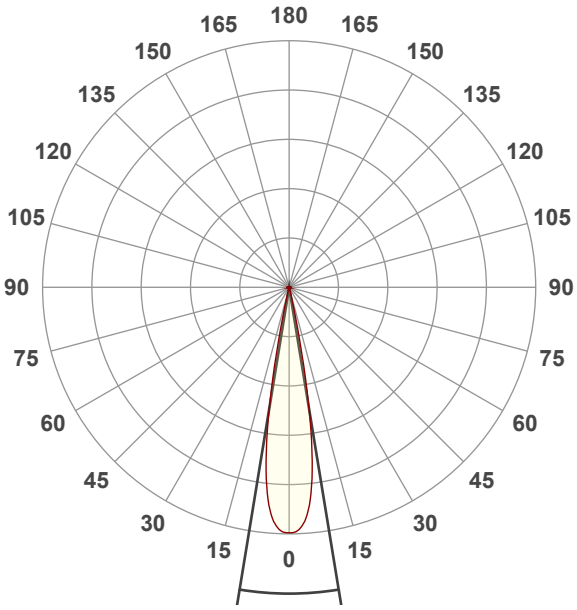
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
White

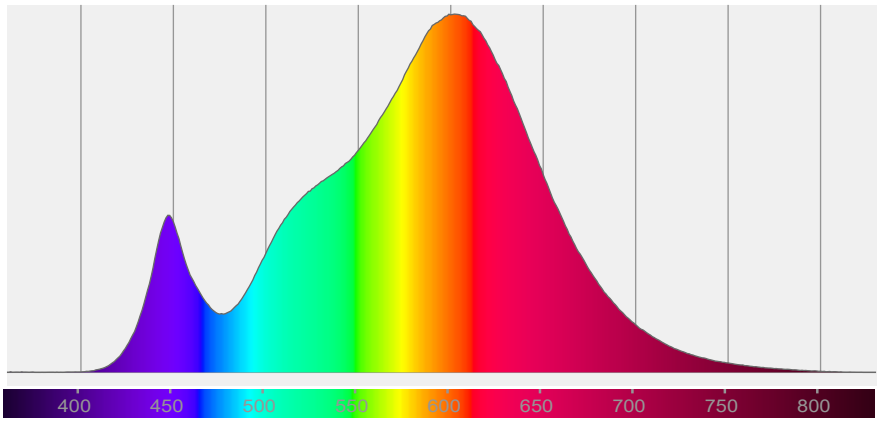
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:44:00



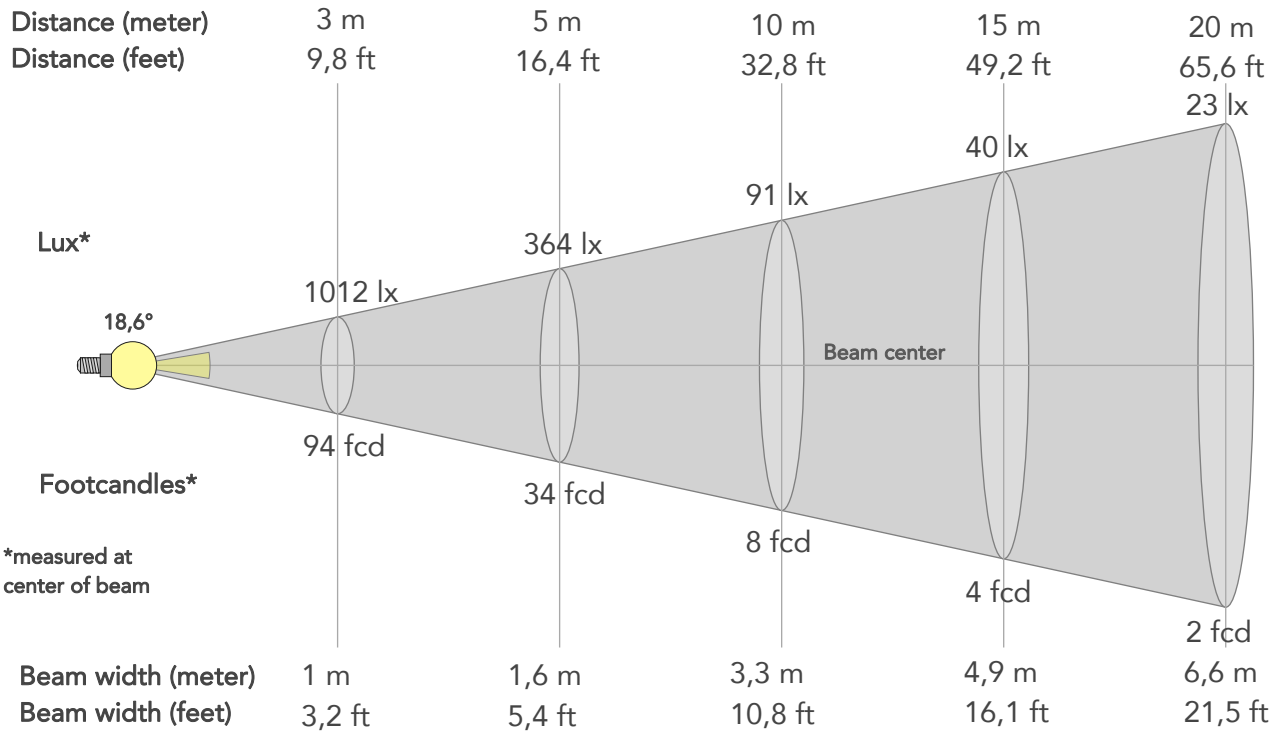
Beam angle 50%: 18,6°
Field angle 10%: 25°
Cut off angle 2.5%: 27,6°

Spectra



BEAM DETAILS

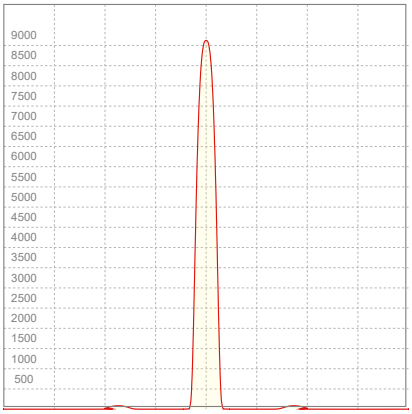
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,6°	25°	27,6°	83,4%	83,4%



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	9104lx	2276lx	1012lx	569lx	364lx	162lx	91lx	40lx	23lx	15lx	10lx	6lx	4lx
Footcand.	846fcd	211fcd	94fcd	53fcd	34fcd	15fcd	8fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,3m	0,7m	1m	1,3m	1,6m	2,5m	3,3m	4,9m	6,6m	8,2m	9,8m	13,1m	16,4m
Beam wid.	1,1ft	2,2ft	3,2ft	4,3ft	5,4ft	8,1ft	10,8ft	16,1ft	21,5ft	26,9ft	32,3ft	43ft	53,8ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,262A	47,5W	20lm/W

Power FC
0,8

Via A. Olivetti snc
04026 - Minturno (LT) ITALY
Tel: +39 0771 72190

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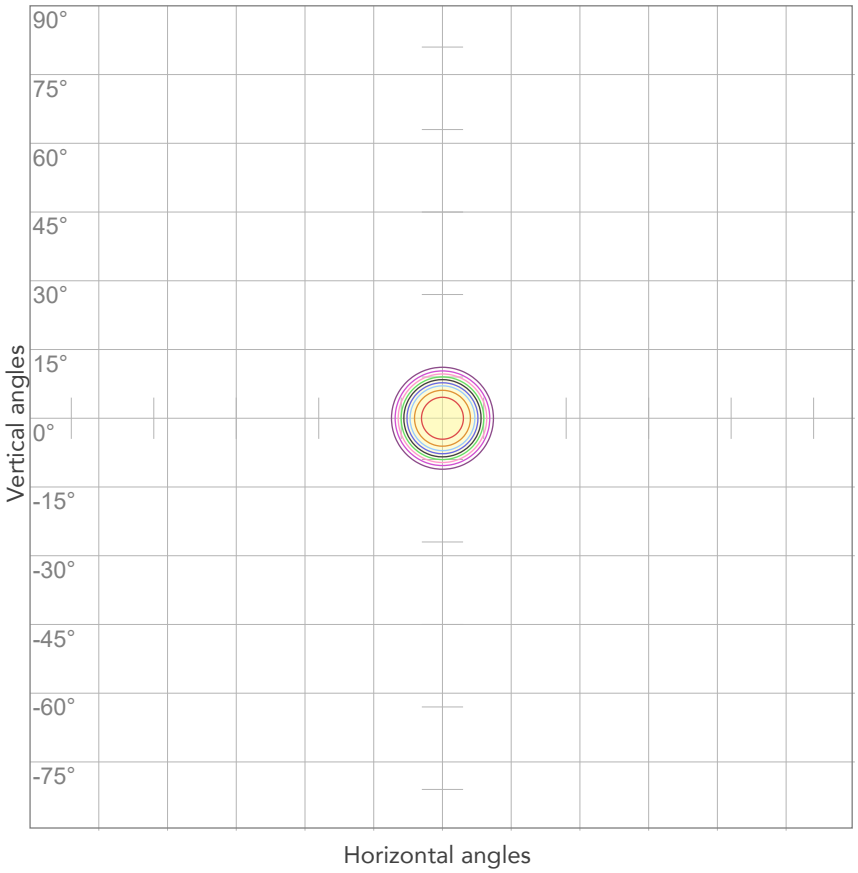
ISO DIAGRAMS

ISO CANDELA DIAGRAM



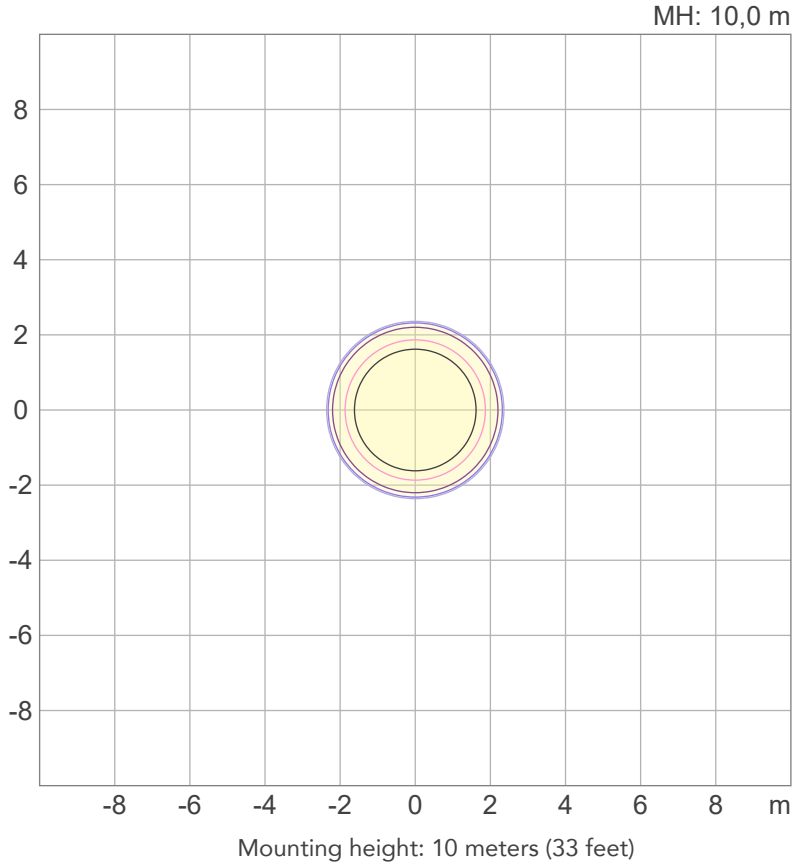
10%	910 cd
20%	1821 cd
30%	2731 cd
40%	3642 cd
50%	4552 cd
60%	5463 cd
70%	6373 cd
80%	7284 cd

Conditions:

Number of c-planes: 2

Candela at center: 9104 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	2,73 lx
5%	4,55 lx
10%	9,10 lx
30%	27,3 lx
50%	45,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 91,0 lx

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

Via A. Olivetti snc
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Total lumen output:

553 lm

Peak candela output:

110873 cd

PRODUCT NAME:

JETPAR7ZIP

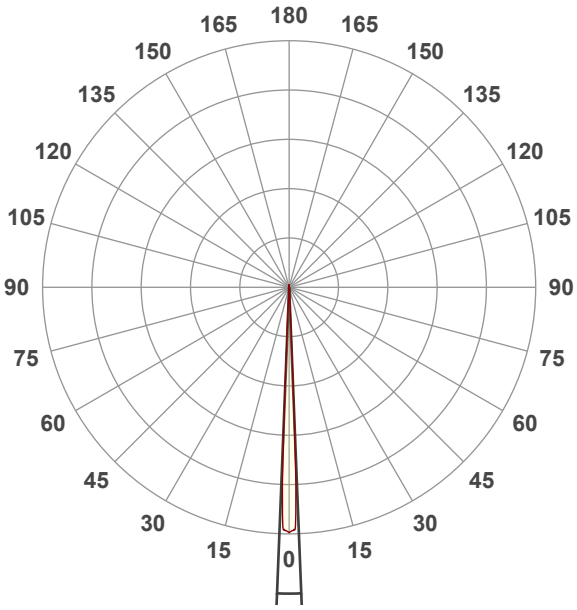
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
White

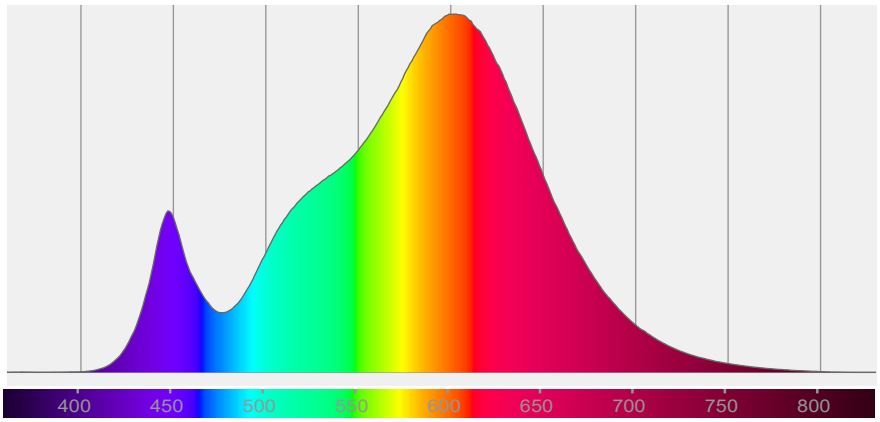
Operator:
Salvatore Giglio

Date and time:
16/01/2023 11:42:22



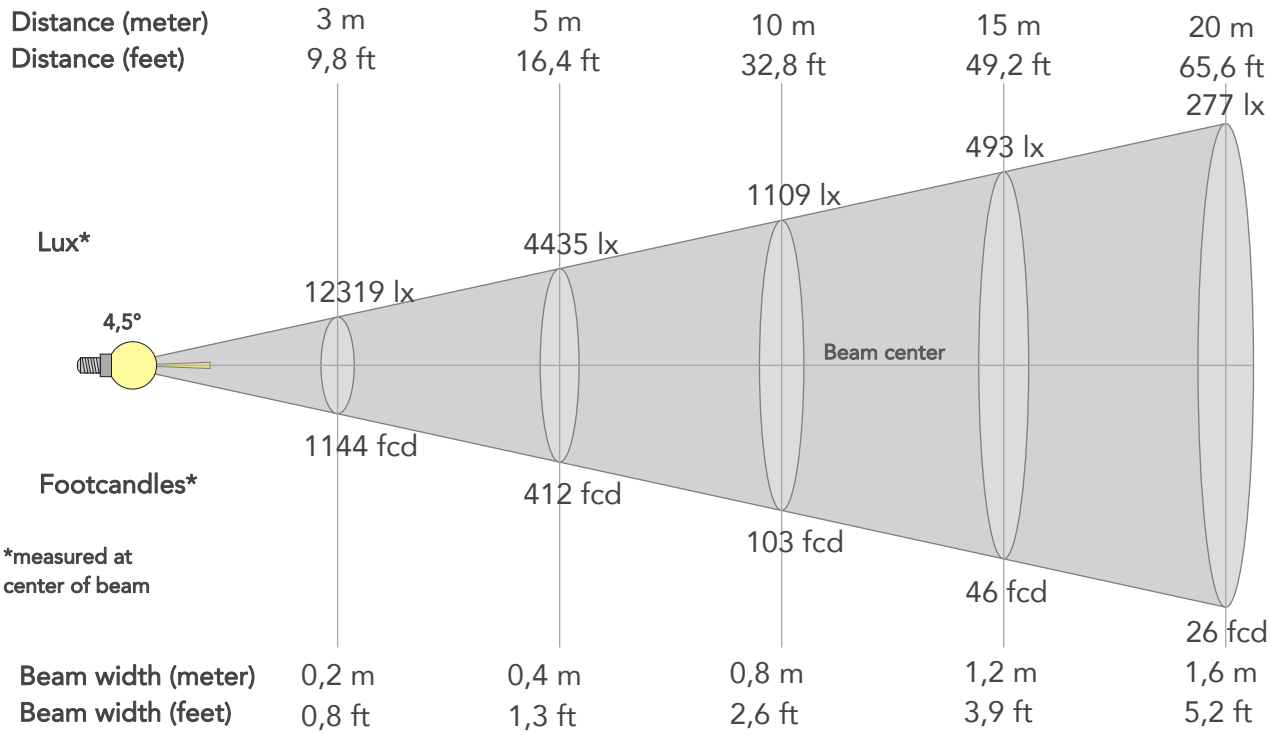
Beam angle 50%: 4,5°
Field angle 10%: 5,6°
Cut off angle 2.5%: 6°

Spectra



BEAM DETAILS

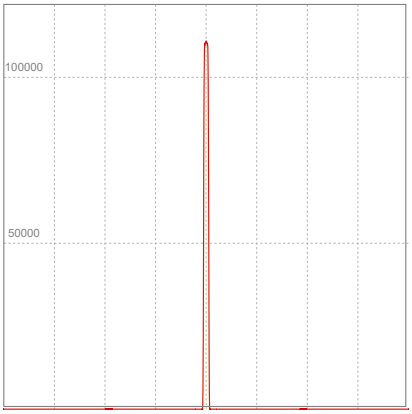
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,5°	5,6°	6°	99,5%	99,5%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	110873lx	27718lx	12319lx	6930lx	4435lx	1971lx	1109lx	493lx	277lx	177lx	123lx	69lx	44lx
Footcand.	10300fcd	2575fcd	1144fcd	644fcd	412fcd	183fcd	103fcd	46fcd	26fcd	16fcd	11fcd	6fcd	4fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,2m	1,6m	2m	2,4m	3,2m	4m
Beam wid.	0,3ft	0,5ft	0,8ft	1ft	1,3ft	1,9ft	2,6ft	3,9ft	5,2ft	6,5ft	7,8ft	10,4ft	13ft

LINEAR DISTRIBUTION DIAGRAM



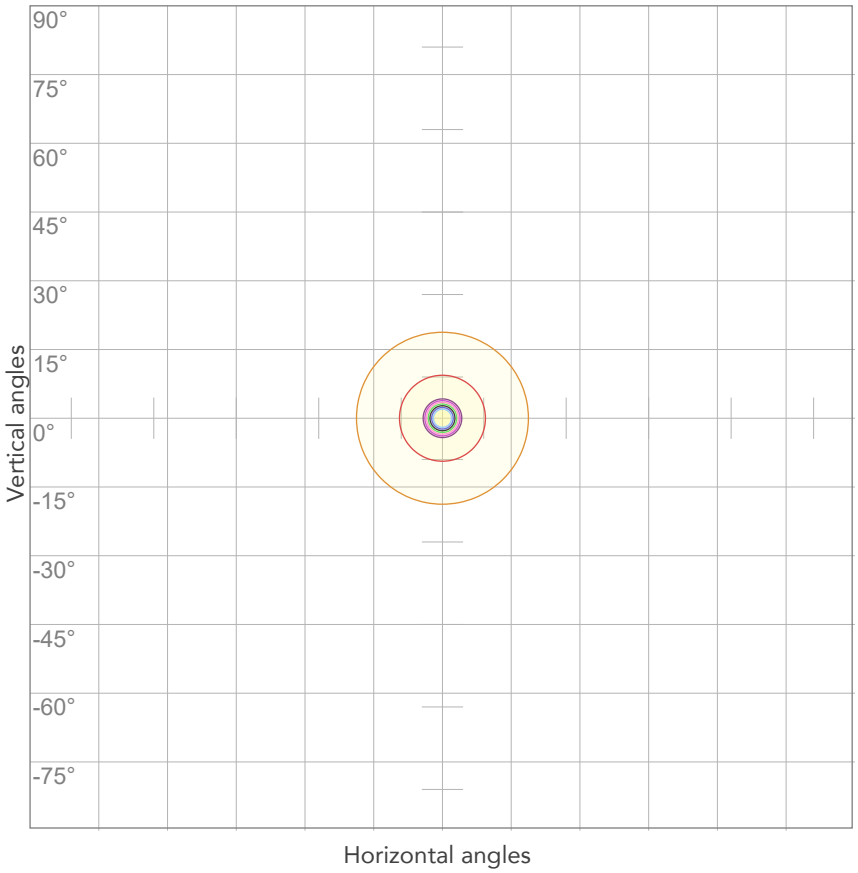
ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,262A	47,4W	12lm/W

Power FC
0,8

ISO DIAGRAMS

ISO CANDELA DIAGRAM



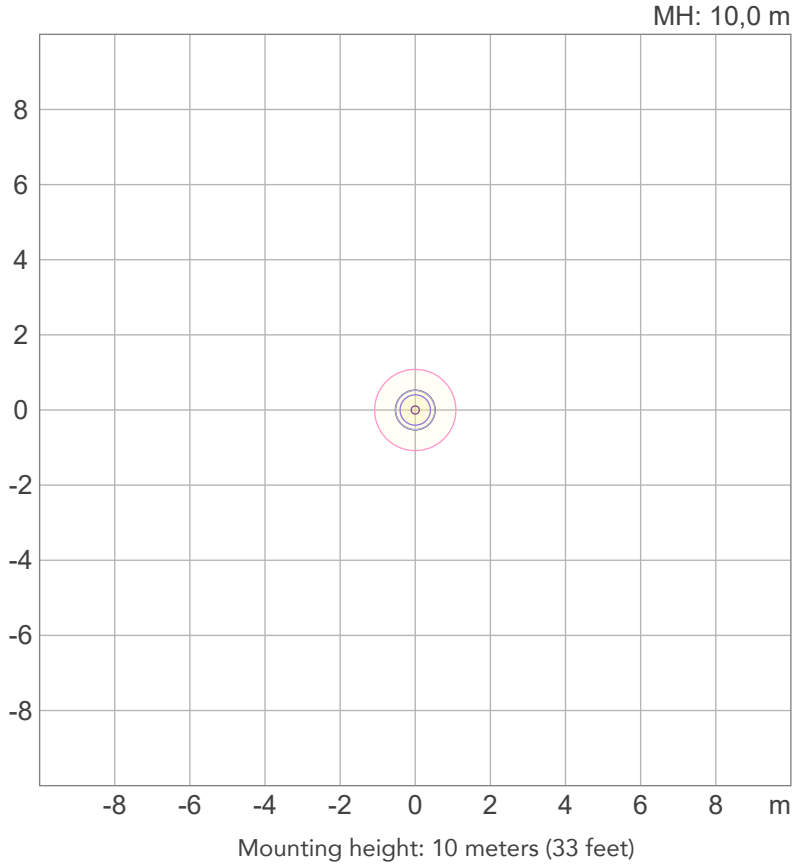
10%	11087 cd
20%	22175 cd
30%	33262 cd
40%	44349 cd
50%	55437 cd
60%	66524 cd
70%	77611 cd
80%	88699 cd

Conditions:

Number of c-planes: 2

Candela at center: 110873 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	33,3 lx
5%	55,4 lx
10%	111 lx
30%	333 lx
50%	554 lx

Conditions:

Number of c-planes: 2

Lux at center: 1109 lx

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

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Total lumen output:

1266 lm

Peak candela output:

3866 cd

Light quality:

CRI: 86,8

Color temperature:

2732 K

PRODUCT NAME:

JETPAR7ZIP

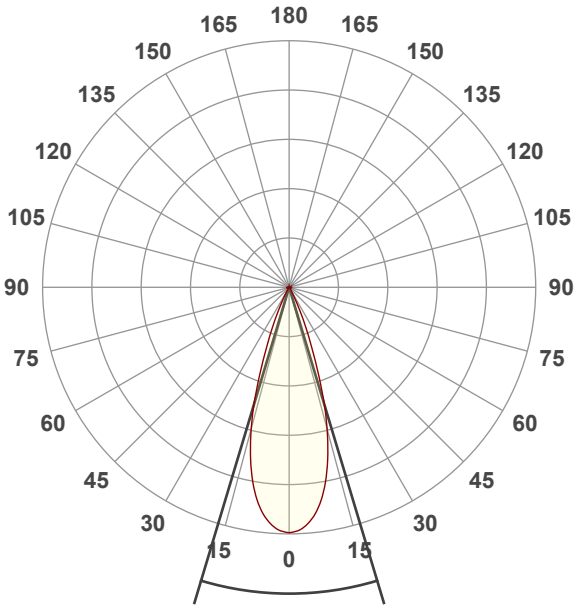
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
2800K

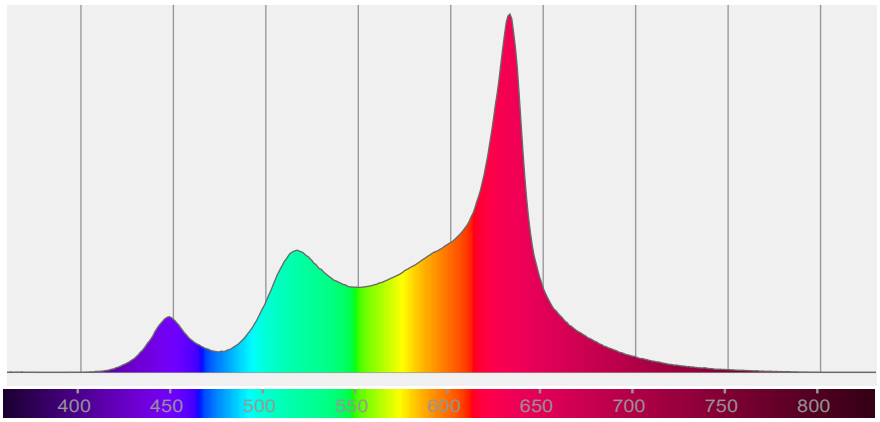
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:12:35



Beam angle 50%: 33,4°
Field angle 10%: 49,9°
Cut off angle 2.5%: 59,1°

Spectra



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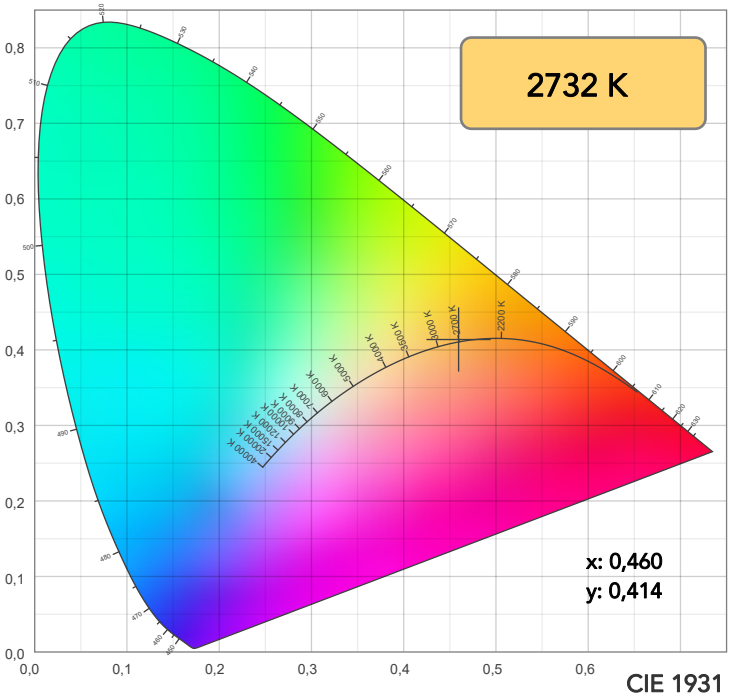
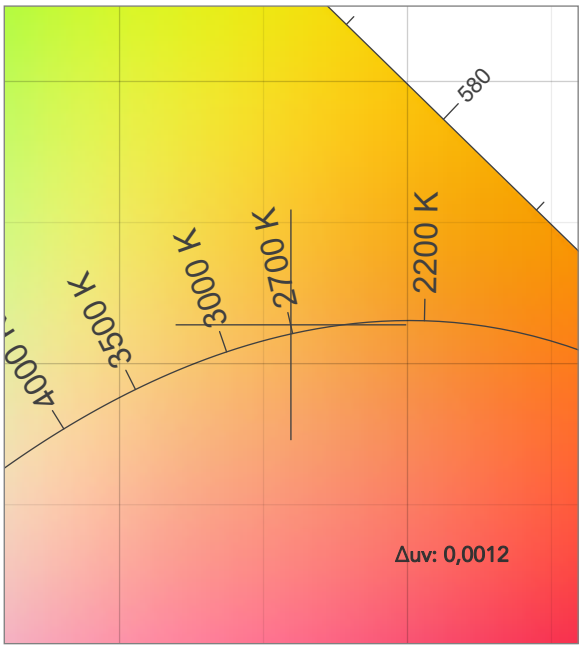
COLOR DETAILS

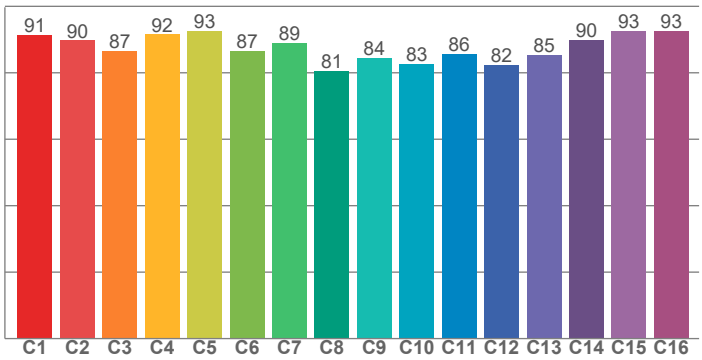


CIE 1931

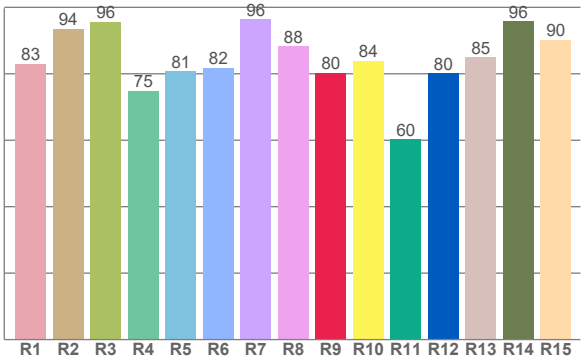


CIE 1931 ZOOM

TM30: 88,2



CRI: 86,8 (R1-R8)



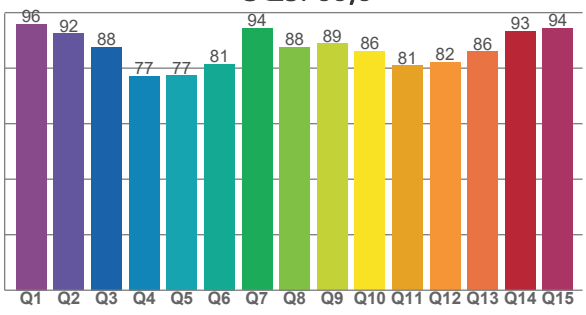
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83,0	93,5	95,6	74,9	80,8	81,8	96,4	88,2	80,3	83,9	60,4	80,2	85,0	95,7	90,3

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
91,4	89,8	86,6	91,5	92,5	86,6	89,0	80,6	84,5	82,6	85,8	82,4	85,4	89,9	92,6	92,7

CQS: 85,5



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,9	92,5	87,6	77,2	77,4	81,4	94,3	87,7	88,9	86,1	81,0	82,3	86,0	93,3	94,4

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2732 K	86,8	80,3	88,2	105,2	85,5	65	0,460	0,414	0,0012

TM30 DETAILS

PROLiGHTS

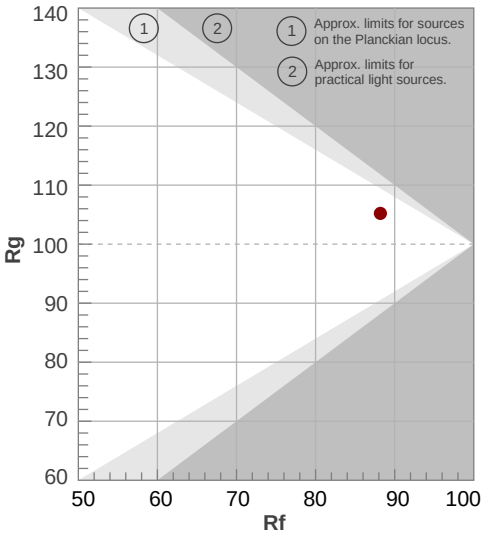
Rf 88,2

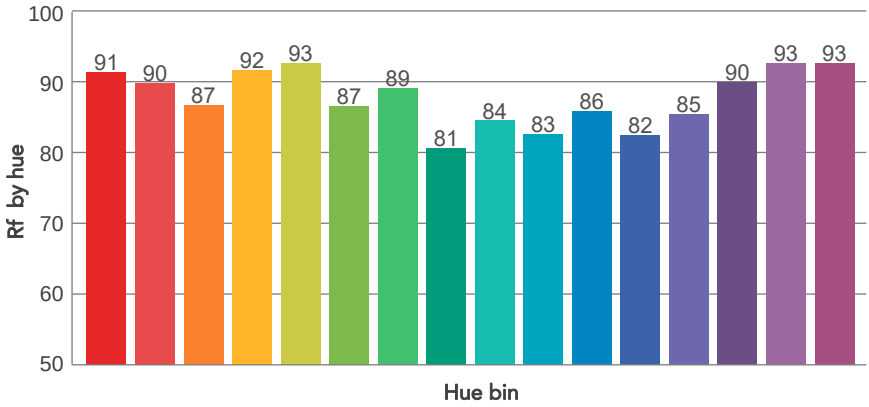
Fidelity index Rf

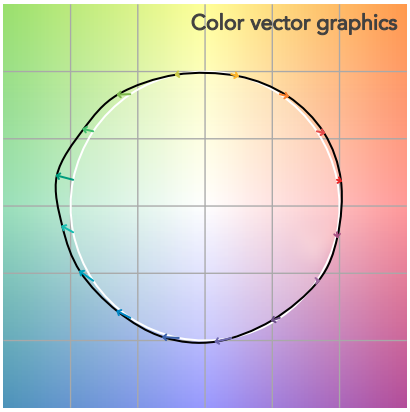
Rg 105,2

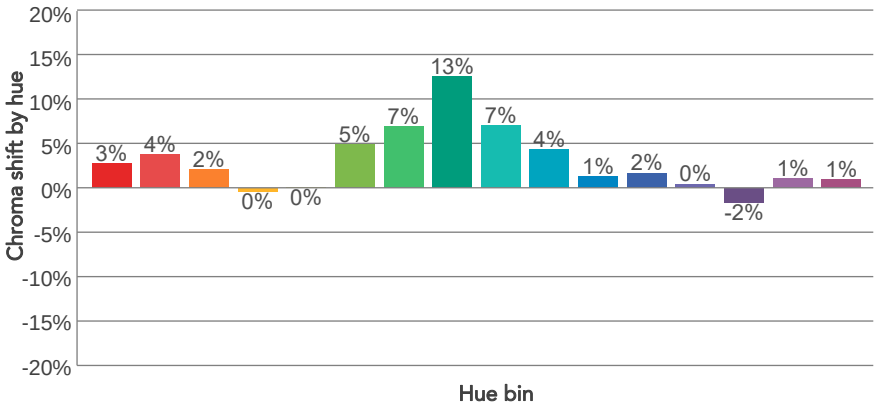
Gammut index

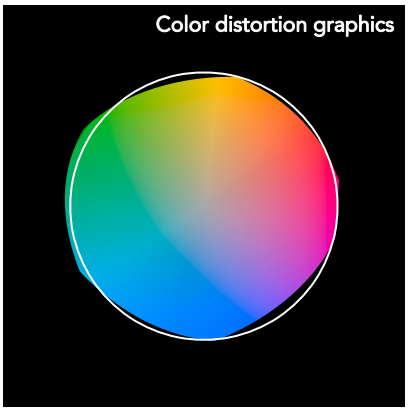
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	91	3%	-1%
2	90	4%	-4%
3	87	2%	-6%
4	92	0%	-5%
5	93	0%	2%
6	87	5%	8%
7	89	7%	3%
8	81	13%	-1%
9	84	7%	-6%
10	83	4%	-11%
11	86	1%	-11%
12	82	2%	-11%
13	85	0%	-12%
14	90	-2%	-6%
15	93	1%	1%
16	93	1%	-3%

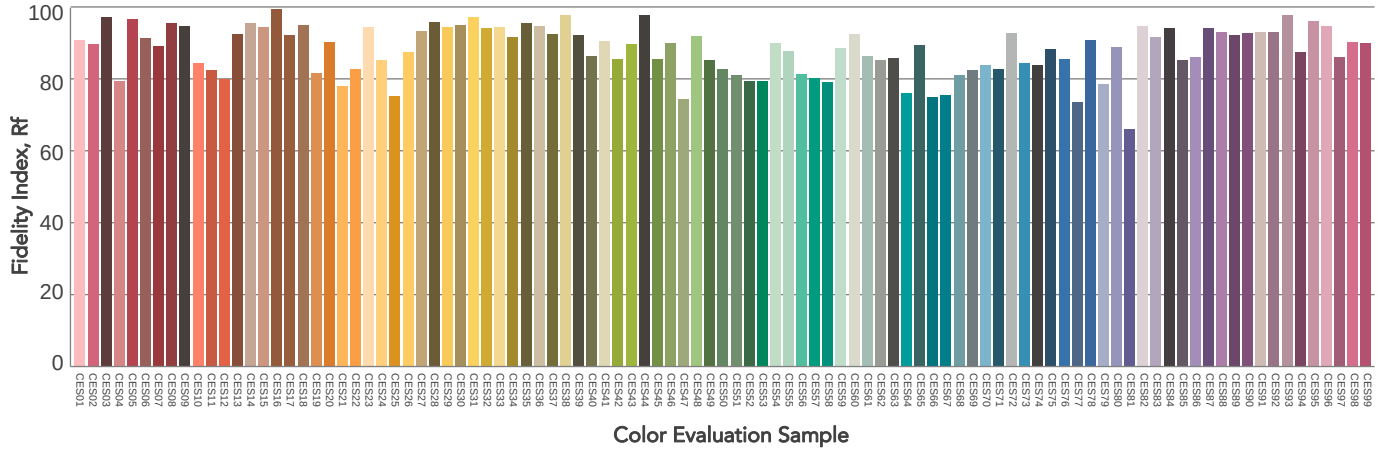












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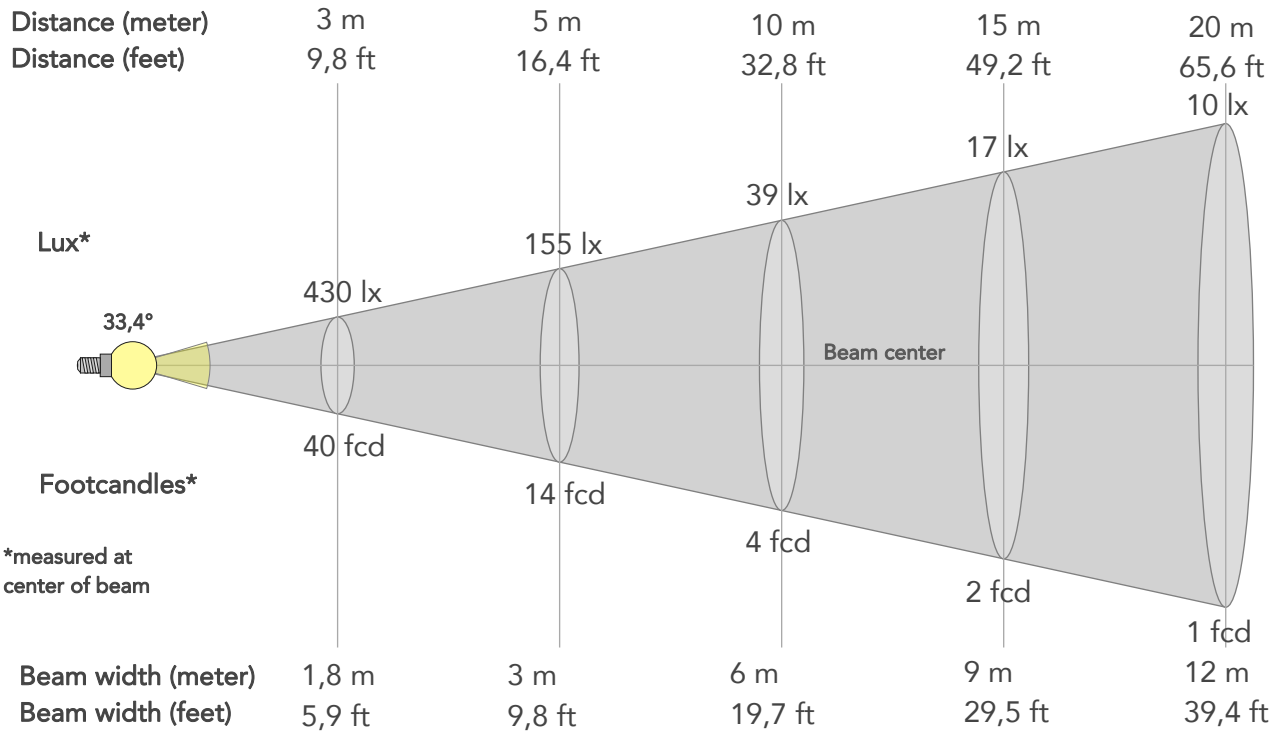
BEAM DETAILS

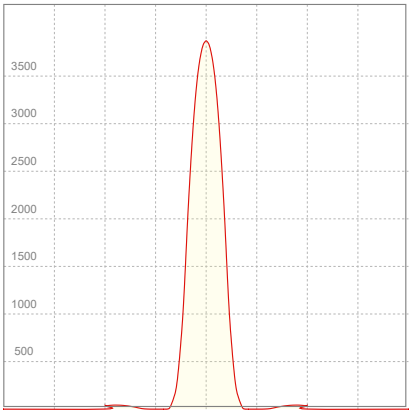
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
33,4°	49,9°	59,1°	91,1%	90,8%



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	3866lx	967lx	430lx	242lx	155lx	69lx	39lx	17lx	10lx	6lx	4lx	2lx	2lx
Footcand.	359fcd	90fcd	40fcd	22fcd	14fcd	6fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,4m	3m	4,5m	6m	9m	12m	15m	18m	24m	30m
Beam wid.	2ft	4ft	5,9ft	7,9ft	9,8ft	14,8ft	19,7ft	29,5ft	39,4ft	49,2ft	59,1ft	78,8ft	98,5ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,334A	65,1W	19lm/W

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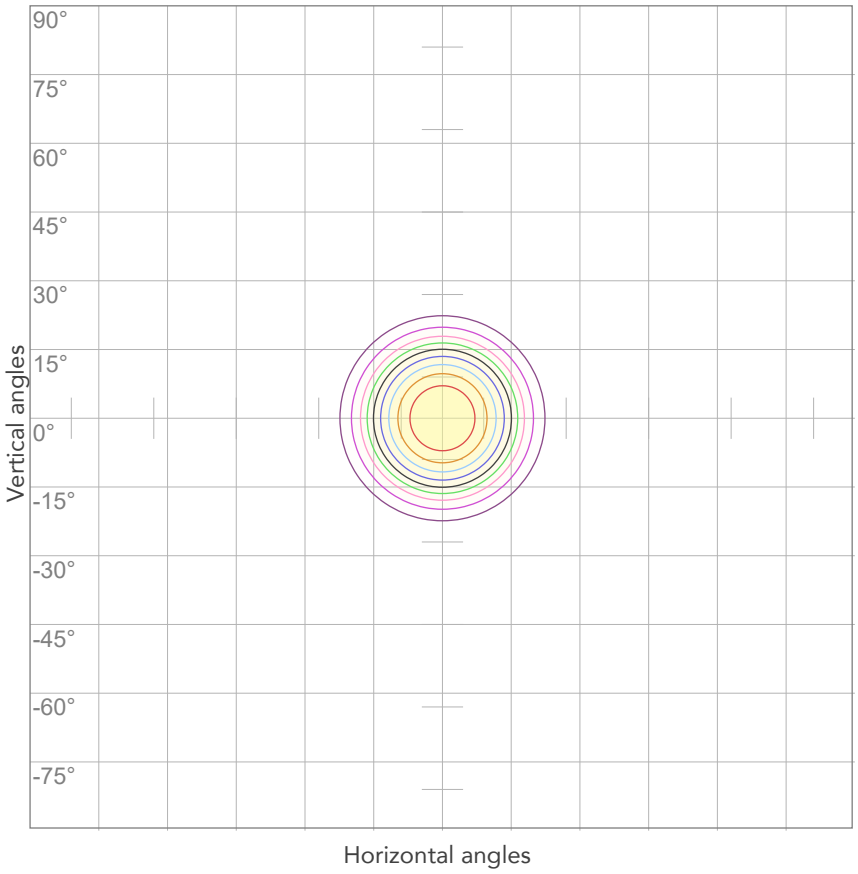
ISO DIAGRAMS

ISO CANDELA DIAGRAM



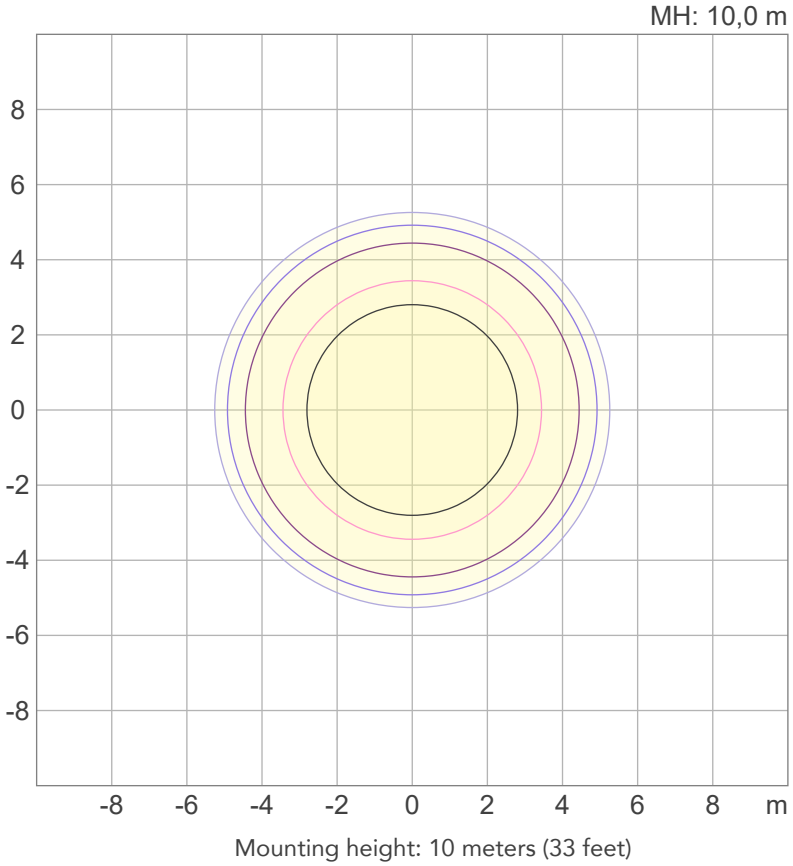
10%	387 cd
20%	773 cd
30%	1160 cd
40%	1547 cd
50%	1933 cd
60%	2320 cd
70%	2706 cd
80%	3093 cd

Conditions:

Number of c-planes: 2

Candela at center: 3866 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,16 lx
5%	1,93 lx
10%	3,87 lx
30%	11,6 lx
50%	19,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 38,7 lx

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

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Total lumen output:

1201 lm

Peak candela output:

13442 cd

Light quality:

CRI: 86,7

Color temperature:

2736 K

PRODUCT NAME:

JETPAR7ZIP

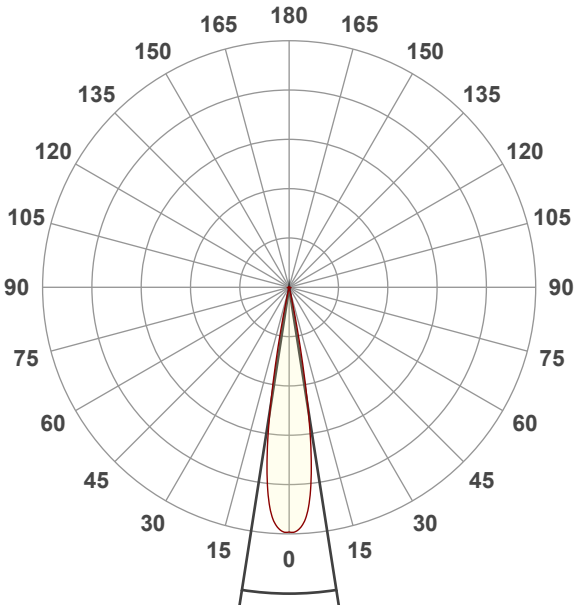
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
2800K

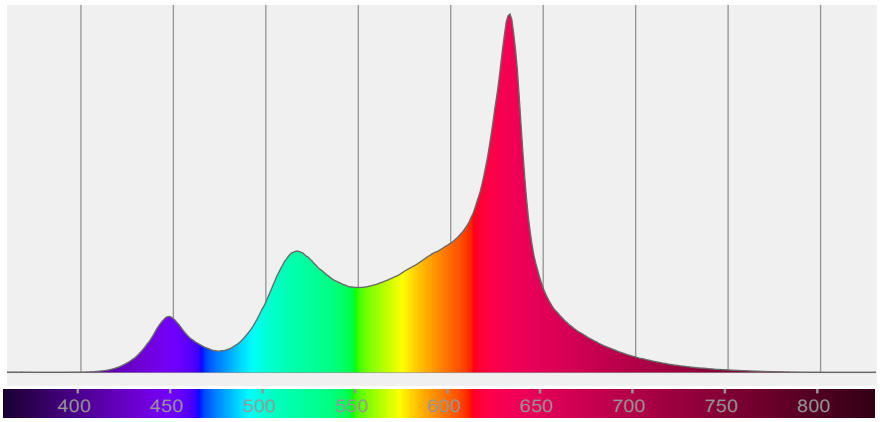
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:11:22

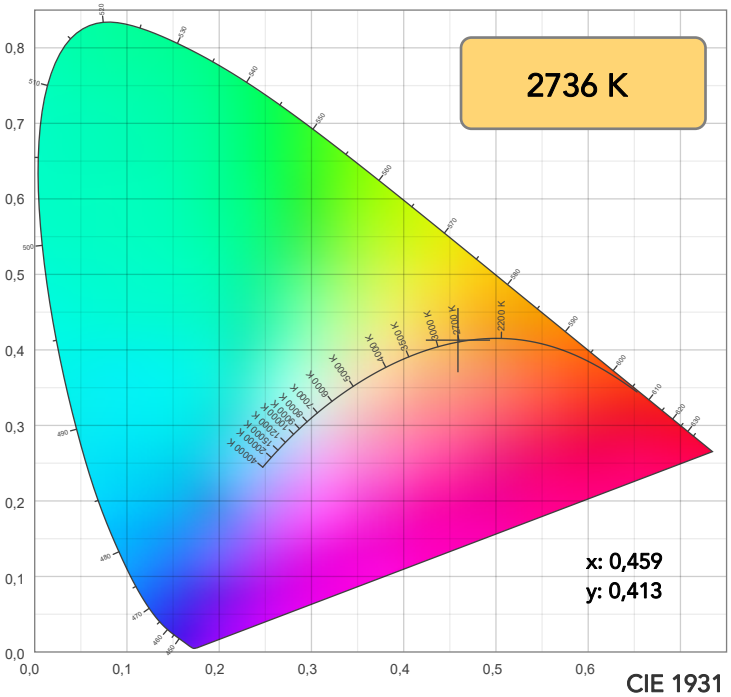


Beam angle 50%: 17,7°
Field angle 10%: 23,5°
Cut off angle 2.5%: 25,6°

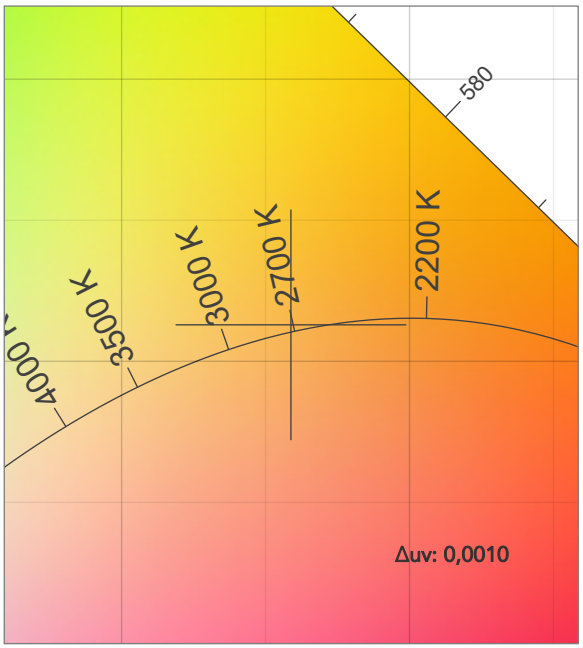
Spectra



COLOR DETAILS

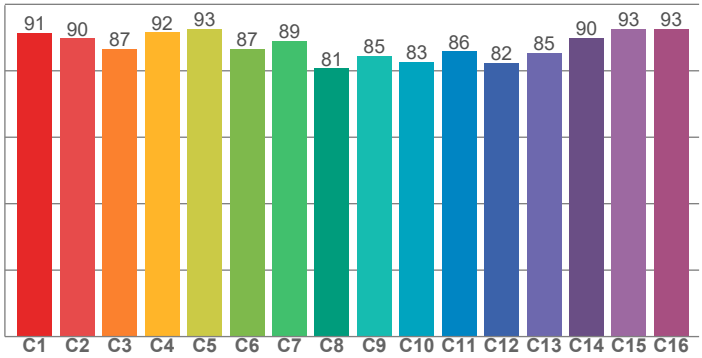


CIE 1931

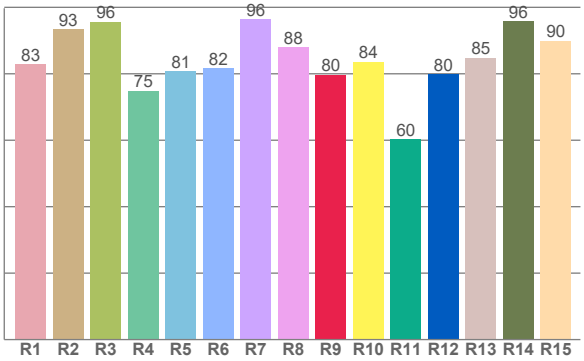


CIE 1931 ZOOM

TM30: 88,2



CRI: 86,7 (R1-R8)



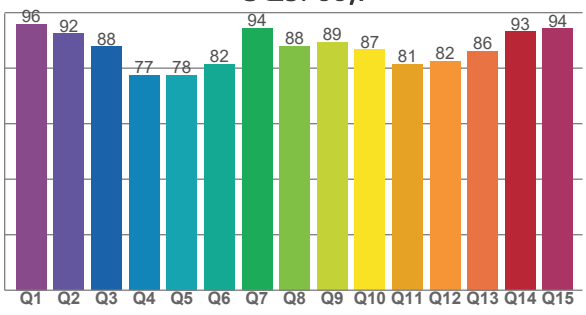
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82,9	93,4	95,7	74,9	80,7	81,6	96,4	88,0	79,7	83,6	60,4	79,9	84,8	95,8	89,9

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

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,3	89,8	86,6	91,6	92,7	86,6	89,0	80,7	84,5	82,7	85,9	82,4	85,3	89,9	92,6	92,6

CQS: 85,7



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,0	92,5	87,8	77,4	77,6	81,5	94,5	87,9	89,4	86,7	81,4	82,5	86,2	93,2	94,3

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2736 K	86,7	79,7	88,2	105,3	85,7	66	0,459	0,413	0,0010

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TM30 DETAILS

PROLiGHTS

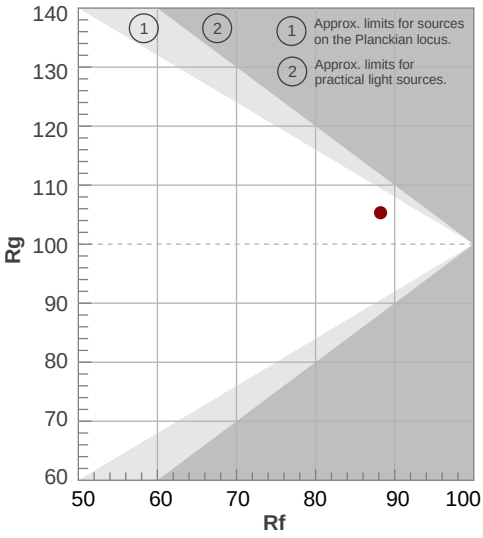
Rf 88,2

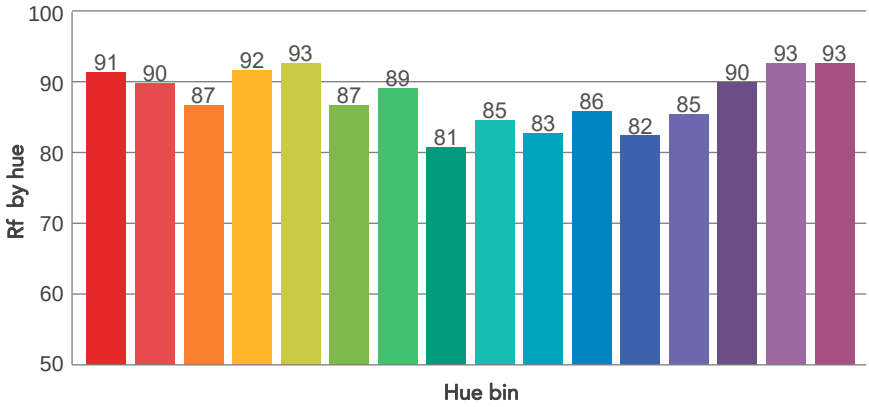
Fidelity index Rf

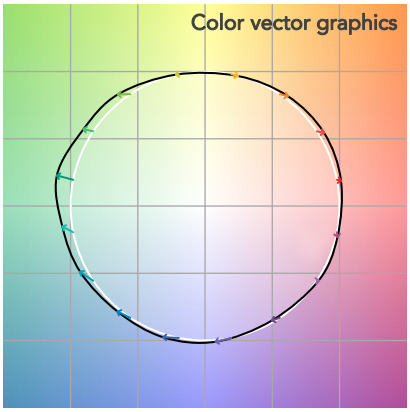
Rg 105,3

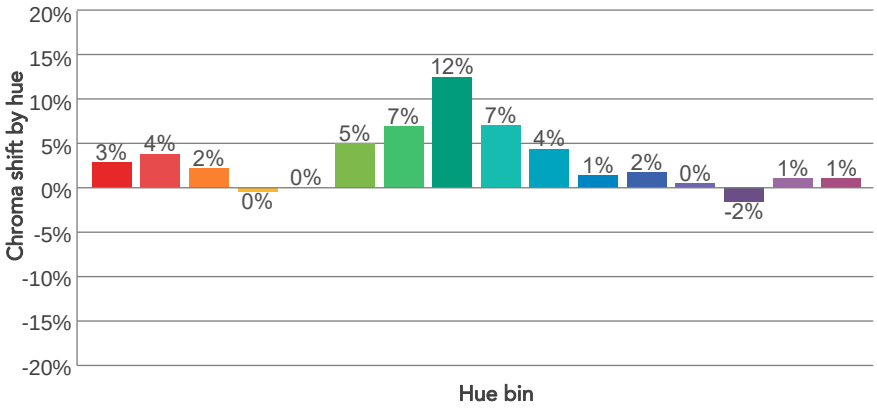
Gammut index

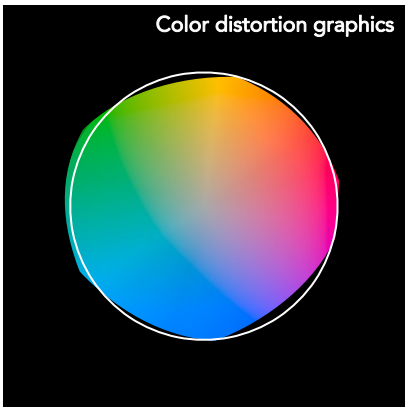
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	91	3%	-1%
2	90	4%	-4%
3	87	2%	-6%
4	92	0%	-5%
5	93	0%	2%
6	87	5%	8%
7	89	7%	3%
8	81	12%	-1%
9	85	7%	-6%
10	83	4%	-11%
11	86	1%	-11%
12	82	2%	-11%
13	85	0%	-12%
14	90	-2%	-6%
15	93	1%	1%
16	93	1%	-3%

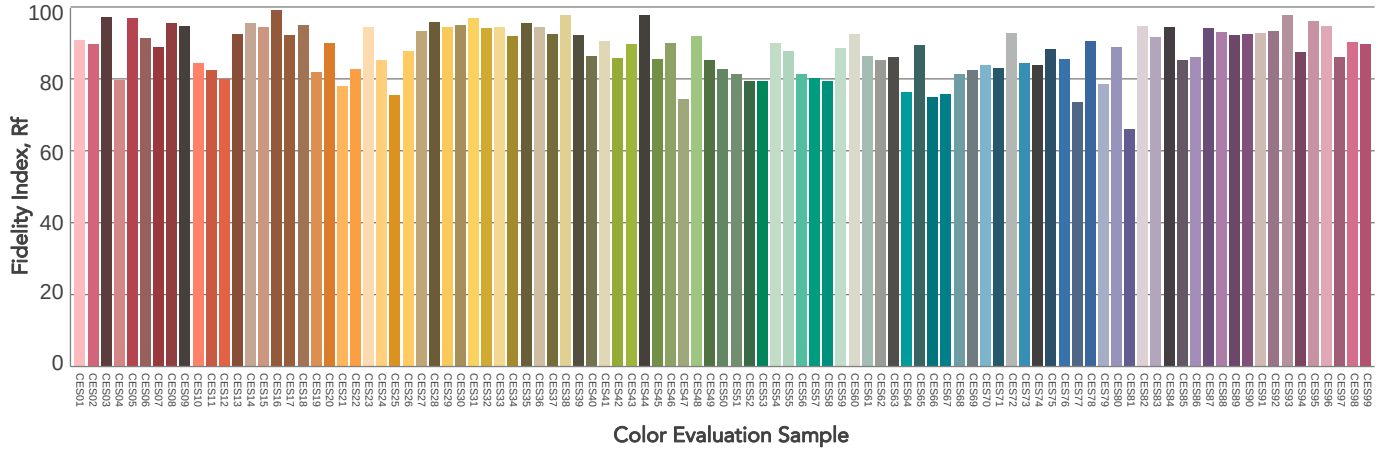












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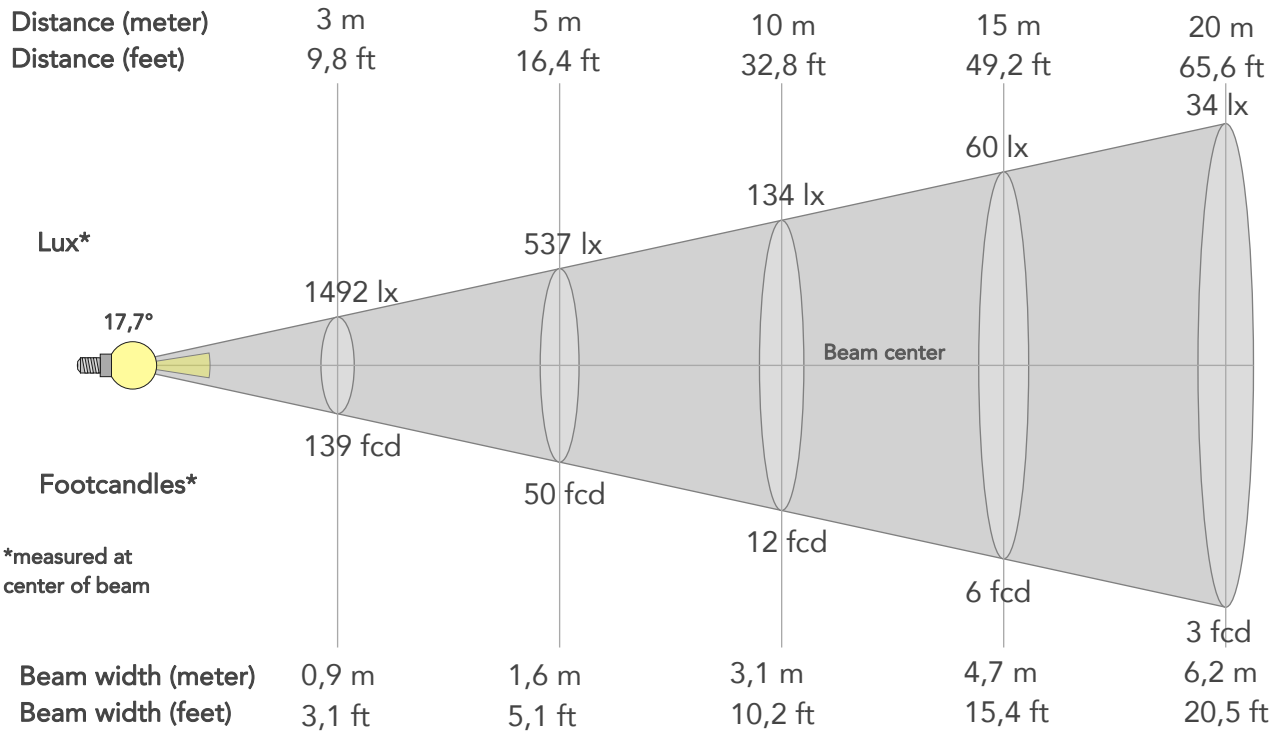
BEAM DETAILS

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
17,7°	23,5°	25,6°	85,7%	85,7%



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	13424lx	3356lx	1492lx	839lx	537lx	239lx	134lx	60lx	34lx	21lx	15lx	8lx	5lx
Footcand.	1247fcd	312fcd	139fcd	78fcd	50fcd	22fcd	12fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,3m	0,6m	0,9m	1,2m	1,6m	2,3m	3,1m	4,7m	6,2m	7,8m	9,4m	12,5m	15,6m
Beam wid.	1ft	2,1ft	3,1ft	4,1ft	5,1ft	7,7ft	10,2ft	15,4ft	20,5ft	25,6ft	30,7ft	40,9ft	51,2ft

LINEAR DISTRIBUTION DIAGRAM

ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,334A	65,3W	18lm/W

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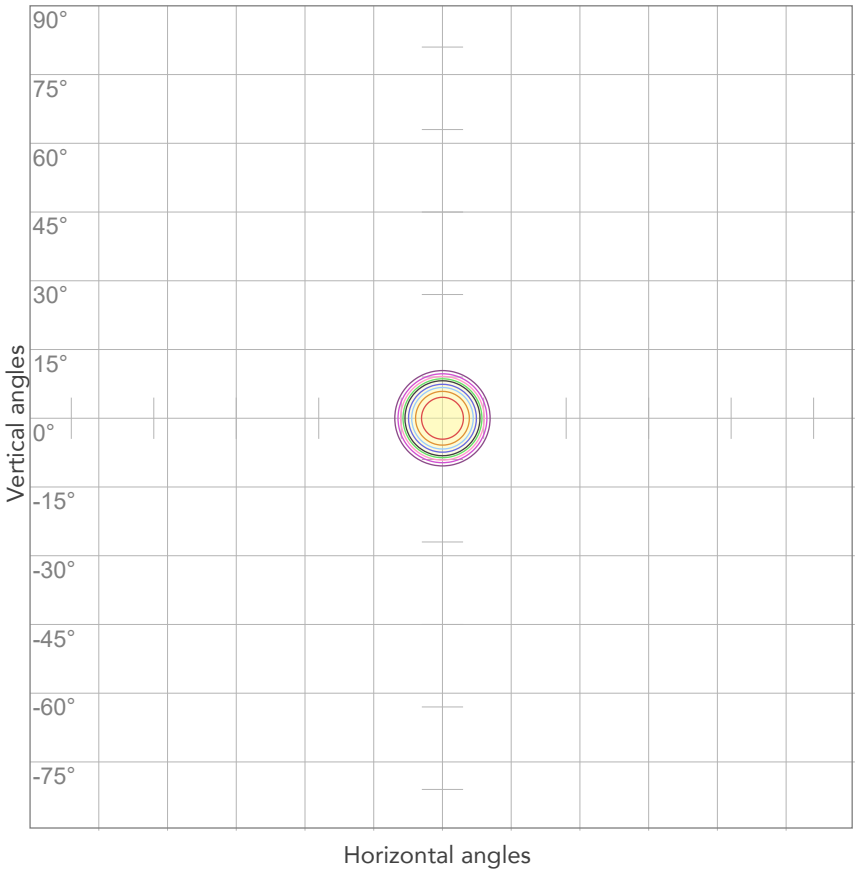
ISO DIAGRAMS

ISO CANDELA DIAGRAM



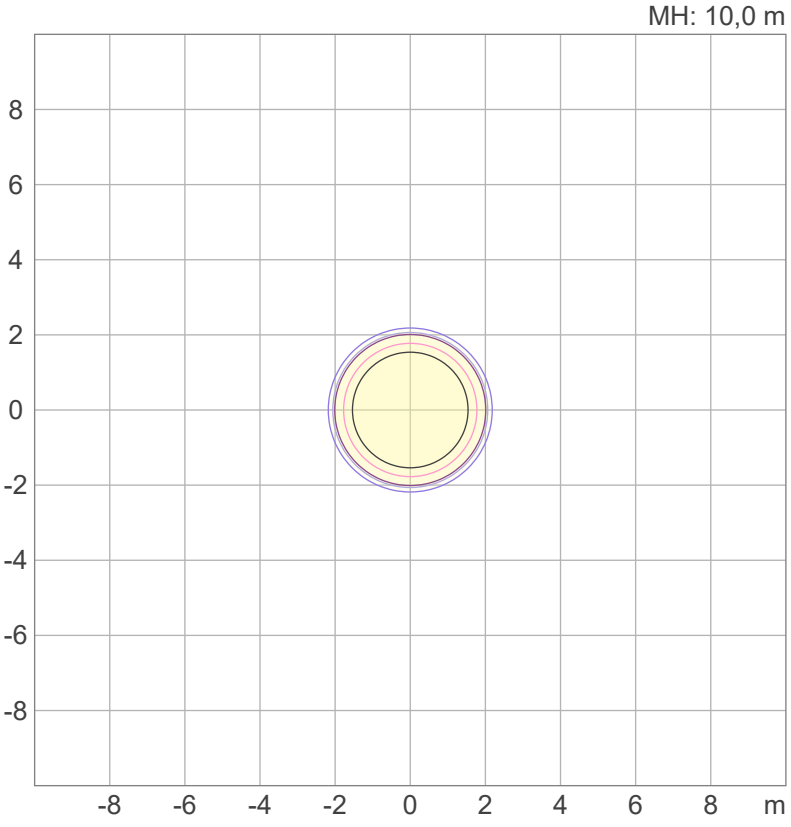
10%	1342 cd
20%	2685 cd
30%	4027 cd
40%	5370 cd
50%	6712 cd
60%	8055 cd
70%	9397 cd
80%	10740 cd

Conditions:

Number of c-planes: 2

Candela at center: 13424 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	4,03 lx
5%	6,71 lx
10%	13,4 lx
30%	40,3 lx
50%	67,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 134 lx

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

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Total lumen output:

724 lm

Peak candela output:

150023 cd

Light quality:

CRI: 86,6

Color temperature:

2714 K

PRODUCT NAME:

JETPAR7ZIP

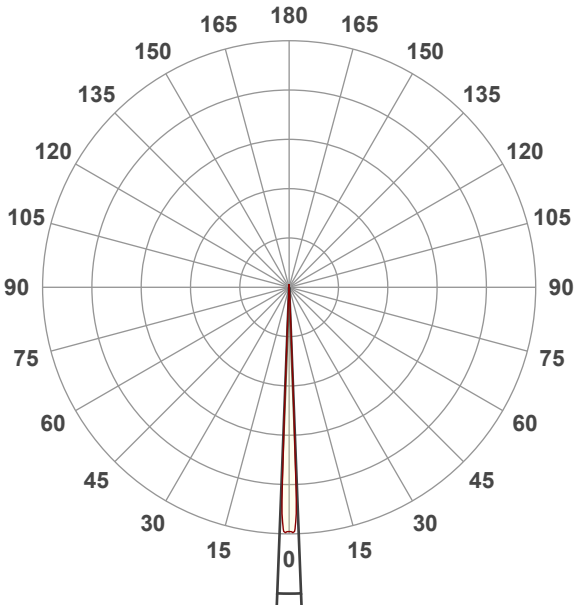
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
2800K

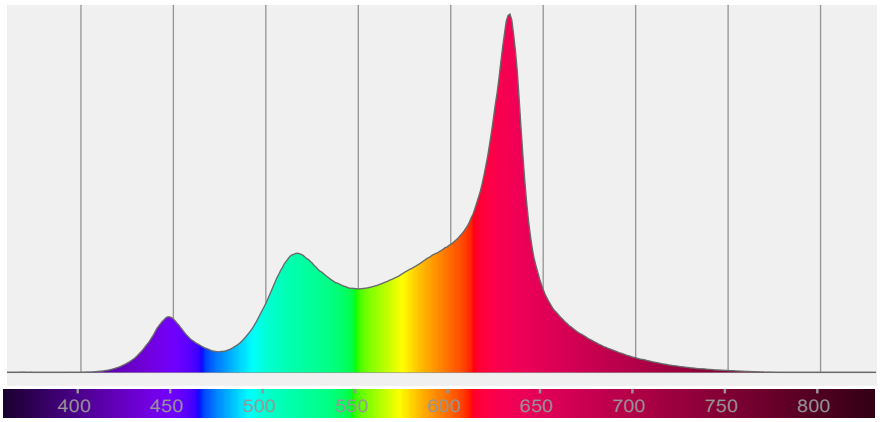
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:09:27

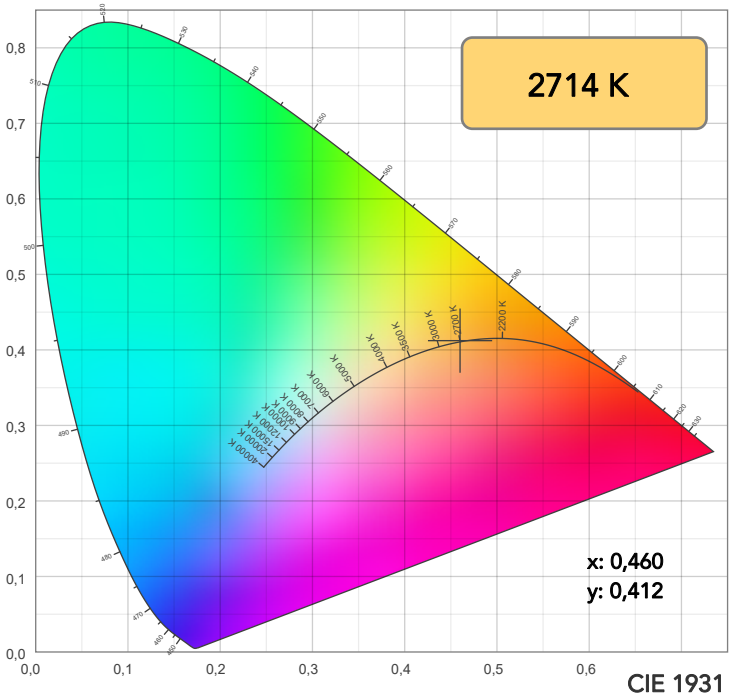


Beam angle 50%: 4,4°
Field angle 10%: 5,5°
Cut off angle 2.5%: 5,8°

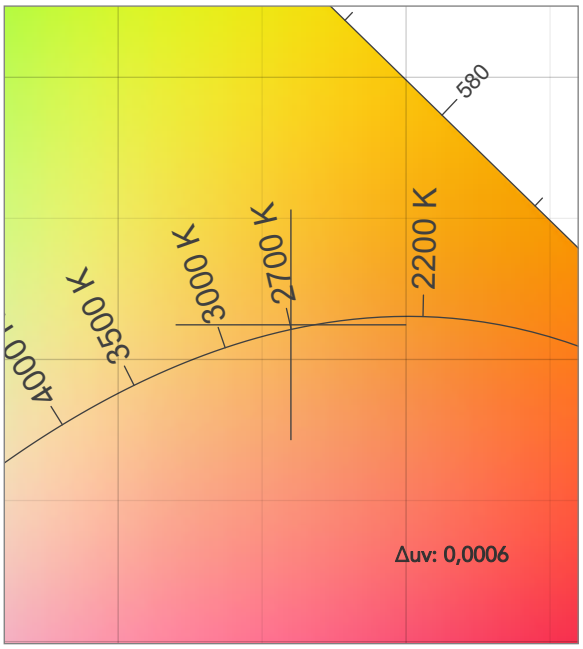
Spectra



COLOR DETAILS

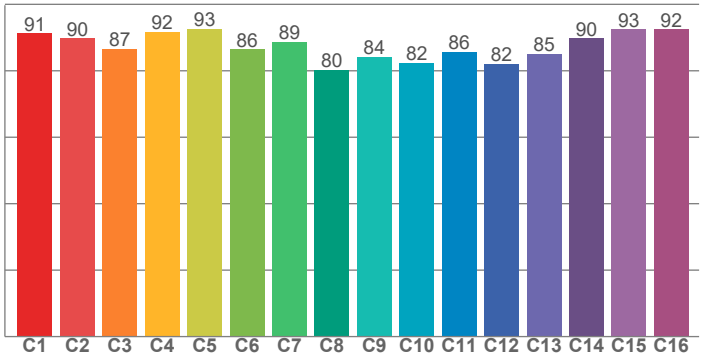


CIE 1931

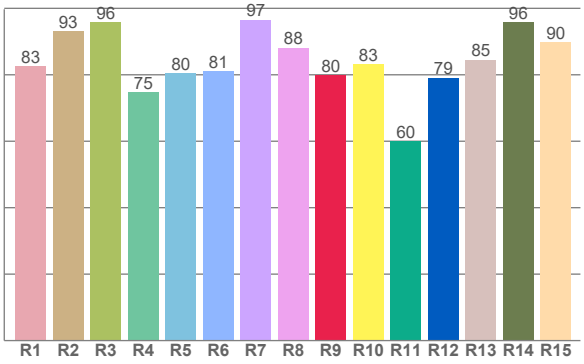


CIE 1931 ZOOM

TM30: 88,1



CRI: 86,6 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82,7	93,2	95,8	74,6	80,4	81,1	96,6	88,1	79,9	83,2	60,0	79,1	84,6	95,8	89,8

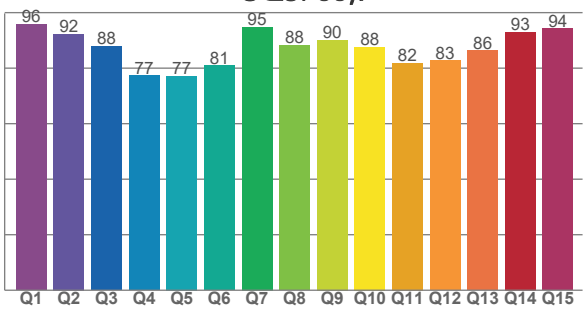
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91,2	89,8	86,7	91,6	92,5	86,4	88,7	80,3	84,1	82,4	85,6	82,1	85,1	89,7	92,5	92,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95,8	92,3	87,9	77,3	77,2	80,9	94,8	88,2	90,1	87,6	81,8	82,7	86,4	93,0	94,3

CQS: 85,7



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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2714 K	86,6	79,9	88,1	105,6	85,7	65	0,460	0,412	0,0006

TM30 DETAILS

PROLiGHTS

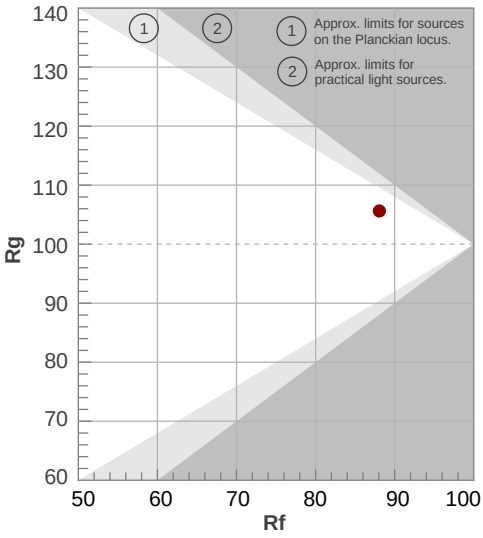
Rf 88,1

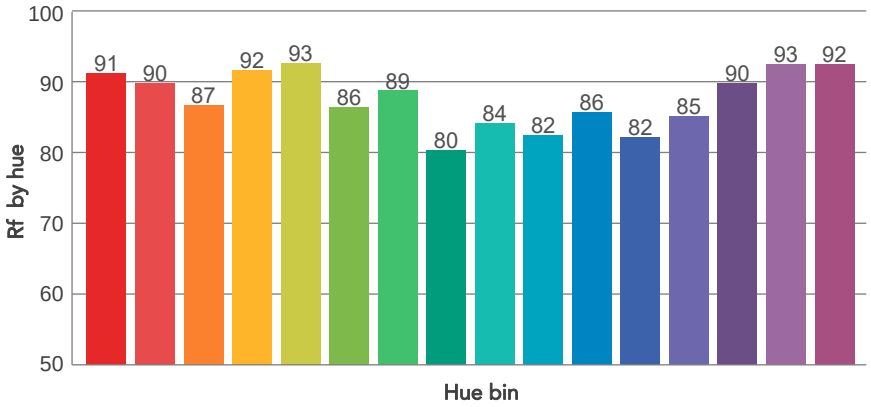
Fidelity index Rf

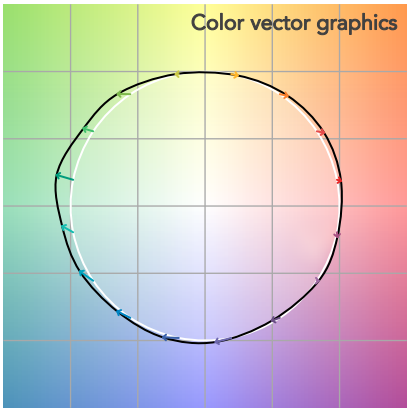
Rg 105,6

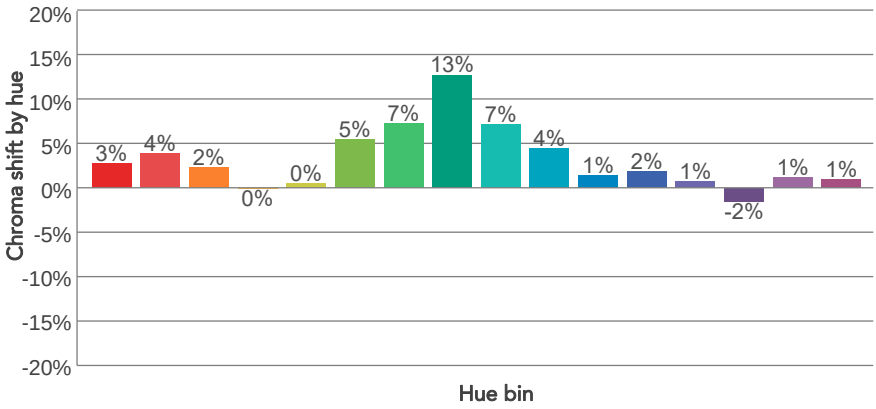
Gammut index

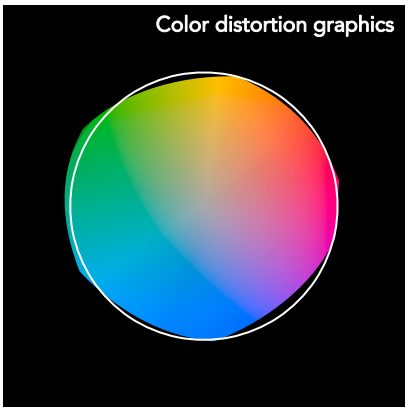
Hue Bin	R_f	Graphic shifts (%) Chroma	Hue
1	91	3%	-1%
2	90	4%	-4%
3	87	2%	-5%
4	92	0%	-5%
5	93	0%	2%
6	86	5%	8%
7	89	7%	2%
8	80	13%	-1%
9	84	7%	-6%
10	82	4%	-11%
11	86	1%	-11%
12	82	2%	-12%
13	85	1%	-12%
14	90	-2%	-6%
15	93	1%	1%
16	92	1%	-3%

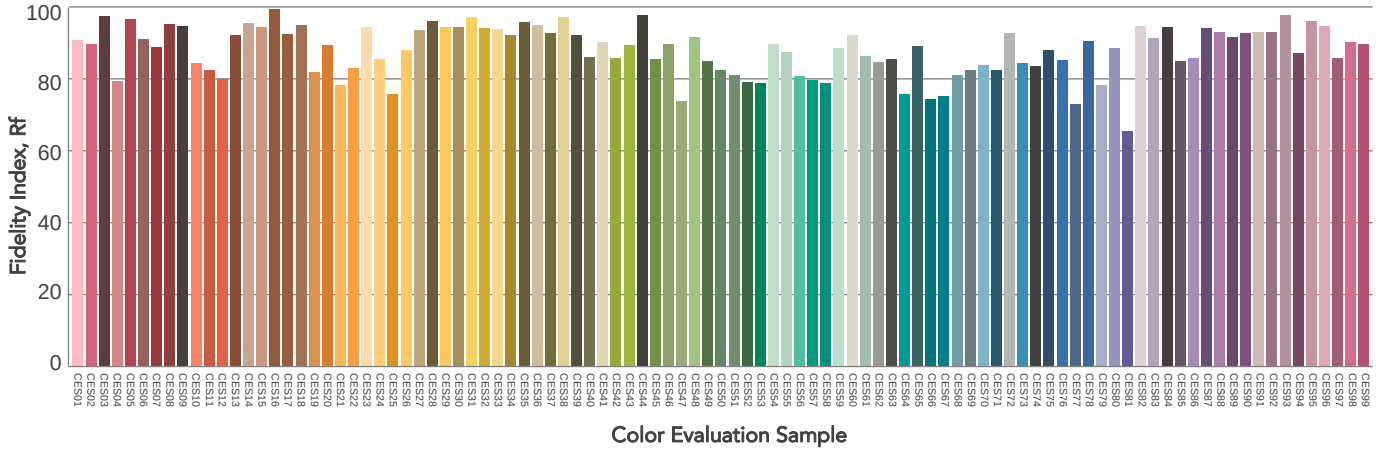












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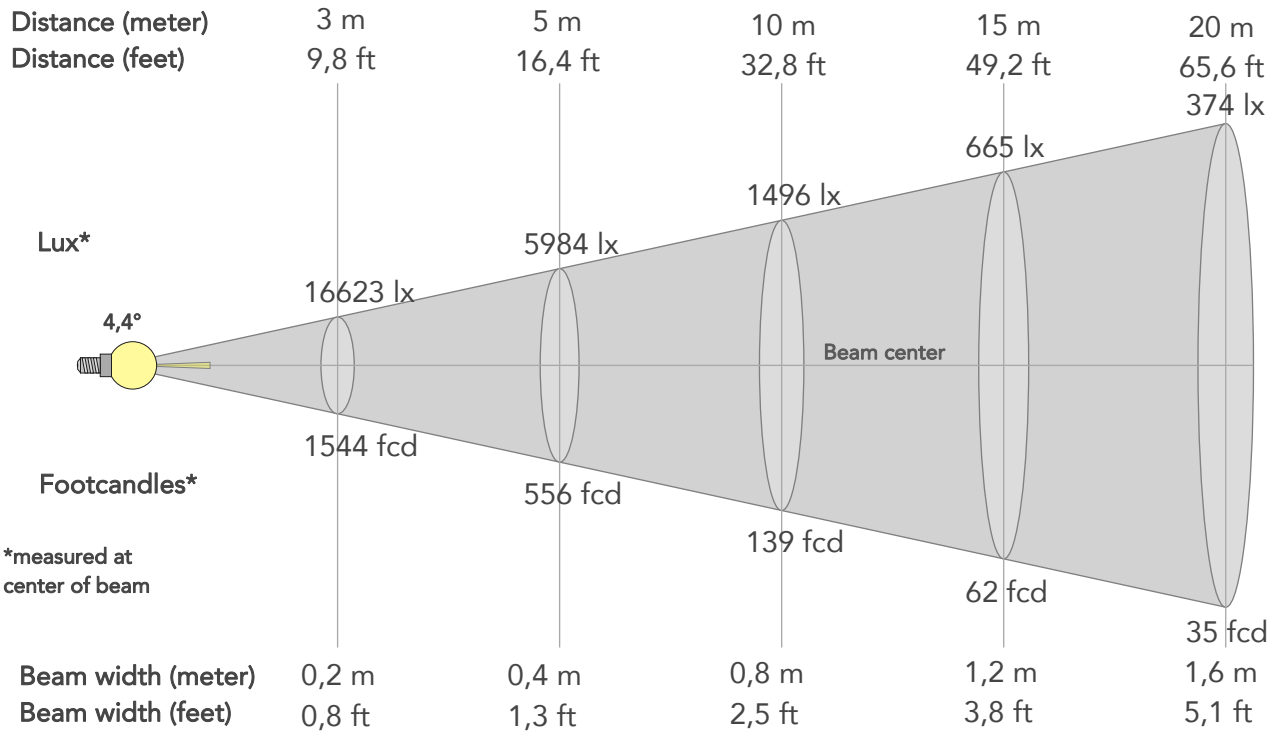
BEAM DETAILS

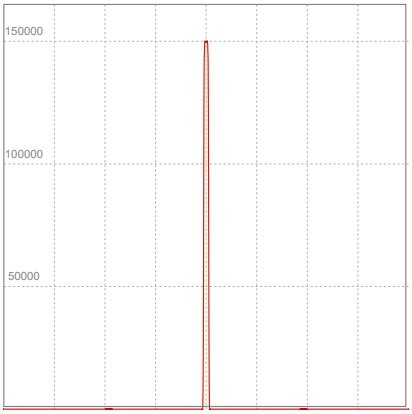
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,4°	5,5°	5,8°	100,0%	100,0%



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	149603lx	37401lx	16623lx	9350lx	5984lx	2660lx	1496lx	665lx	374lx	239lx	166lx	94lx	60lx
Footcand.	13899fcd	3475fcd	1544fcd	869fcd	556fcd	247fcd	139fcd	62fcd	35fcd	22fcd	15fcd	9fcd	6fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,2m	1,6m	1,9m	2,3m	3,1m	3,9m
Beam wid.	0,3ft	0,5ft	0,8ft	1ft	1,3ft	1,9ft	2,5ft	3,8ft	5,1ft	6,4ft	7,6ft	10,2ft	12,7ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,335A	65,3W	11lm/W

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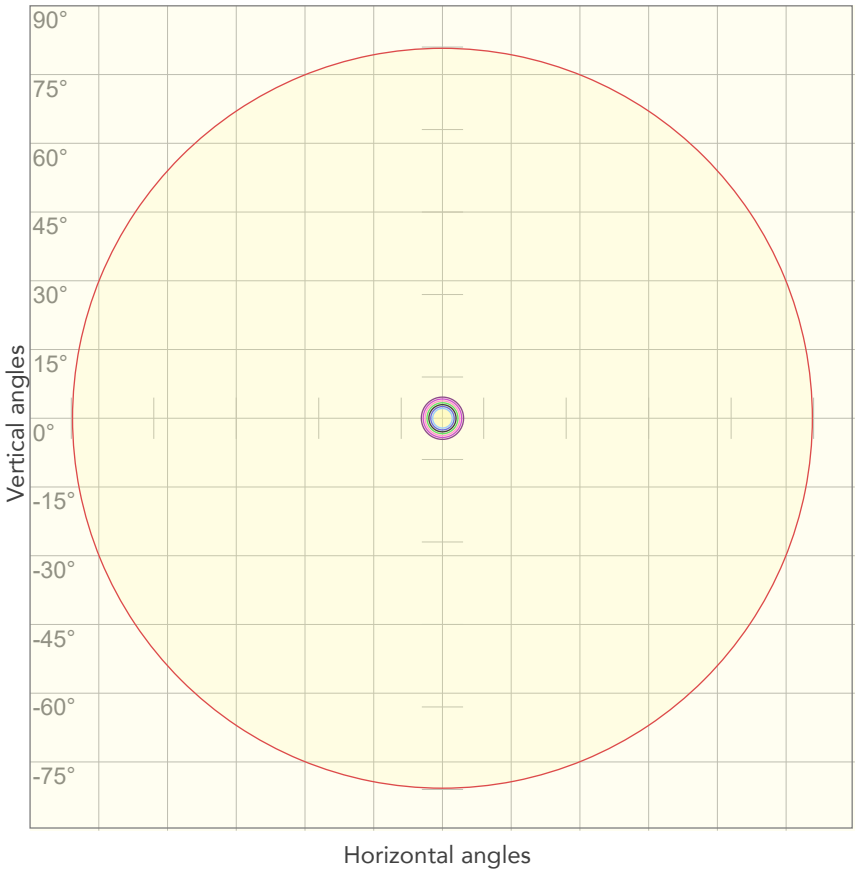
ISO DIAGRAMS

ISO CANDELA DIAGRAM



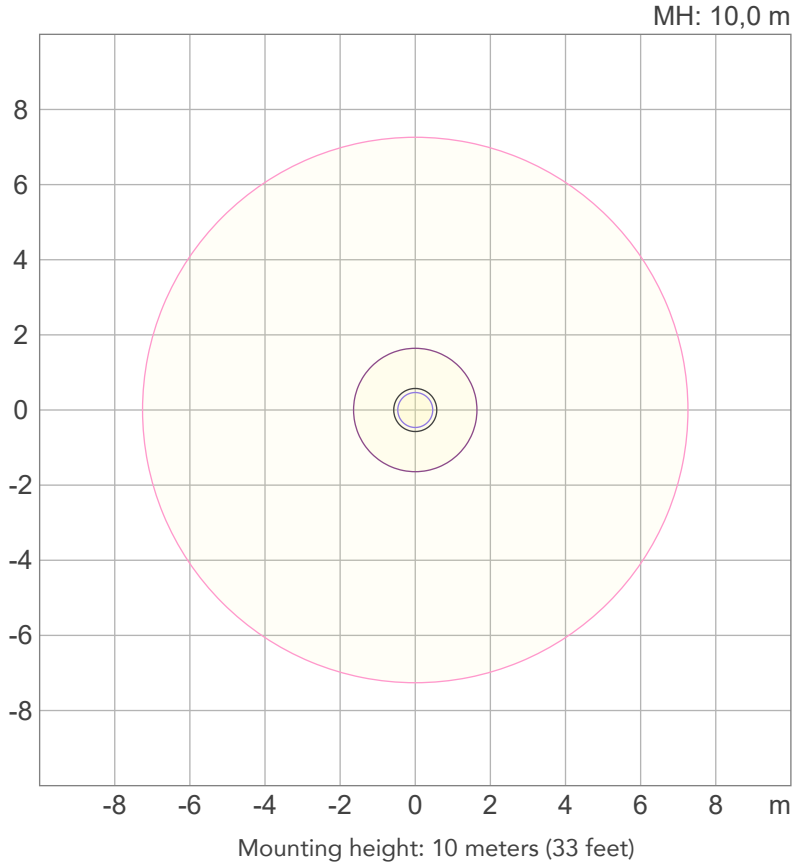
10%	14960 cd
20%	29921 cd
30%	44881 cd
40%	59841 cd
50%	74802 cd
60%	89762 cd
70%	104722 cd
80%	119682 cd

Conditions:

Number of c-planes: 2

Candela at center: 149603 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	44,9 lx
5%	74,8 lx
10%	150 lx
30%	449 lx
50%	748 lx

Conditions:

Number of c-planes: 2

Lux at center: 1496 lx

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

Total lumen output:

1232 lm

Peak candela output:

3661 cd

Light quality:

CRI: 93,8

Color temperature:

3233 K

PRODUCT NAME:

JETPAR7ZIP

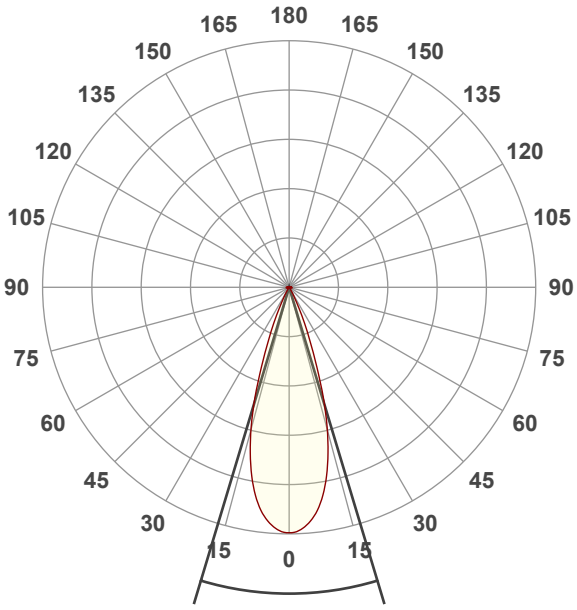
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
3200K

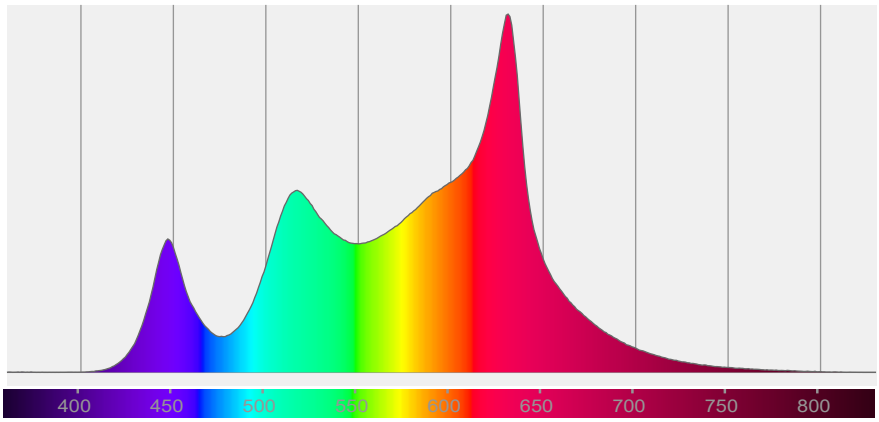
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:33:17



Beam angle 50%: 33,5°
Field angle 10%: 50,1°
Cut off angle 2.5%: 59,8°

Spectra



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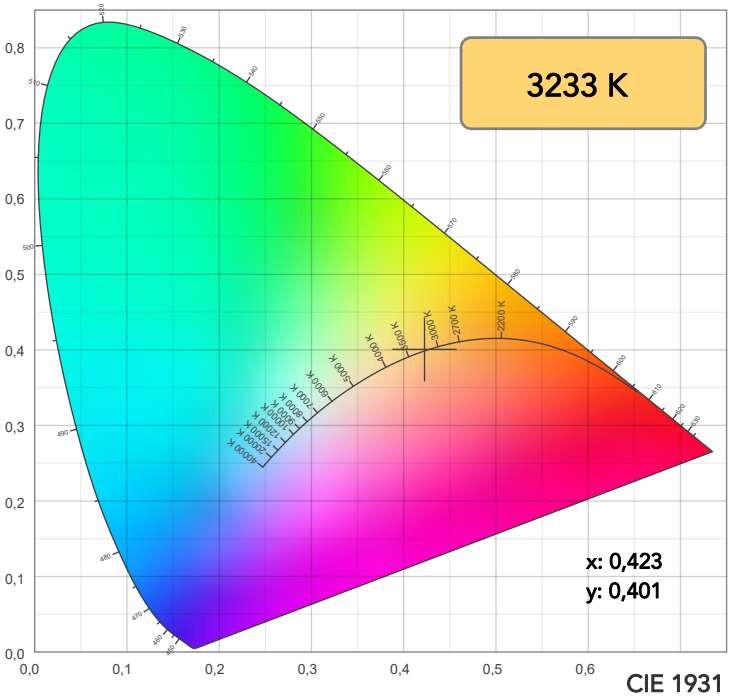
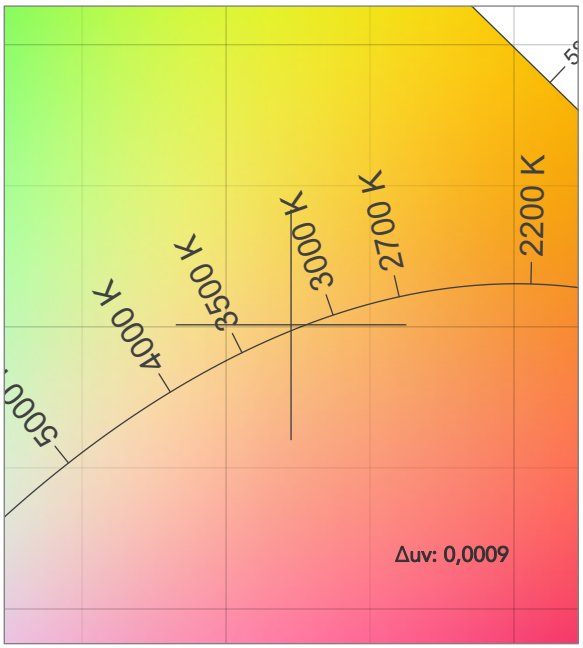
COLOR DETAILS

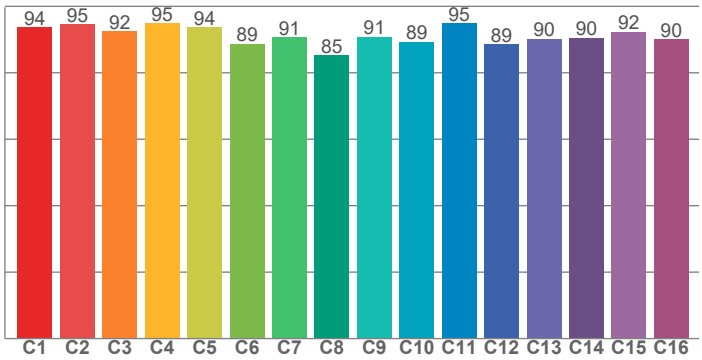


CIE 1931

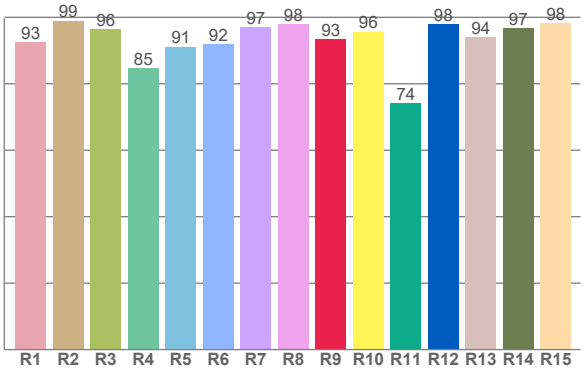


CIE 1931 ZOOM

TM30: 91,9



CRI: 93,8 (R1-R8)



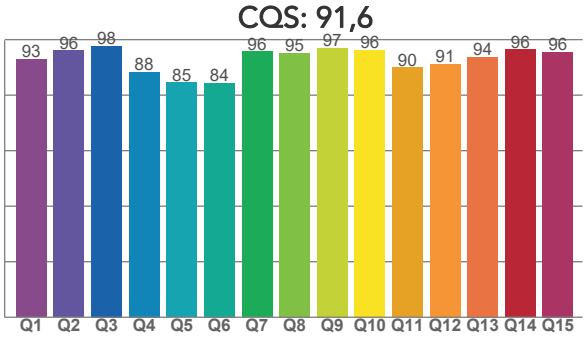
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92,5	99,0	96,4	84,6	91,2	91,9	97,0	97,9	93,4	95,7	74,1	97,9	93,9	96,7	98,2

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
93,7	94,5	92,4	94,8	93,7	88,7	90,7	85,2	90,7	89,3	94,9	88,6	90,2	90,5	92,3	90,0

CQS: 91,6



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,9	96,0	97,7	88,3	84,6	84,3	95,7	95,1	96,9	96,2	89,9	91,2	93,7	96,4	95,6

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3233 K	93,8	93,4	91,9	105,1	91,6	77	0,423	0,401	0,0009

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TM30 DETAILS

PROLiGHTS

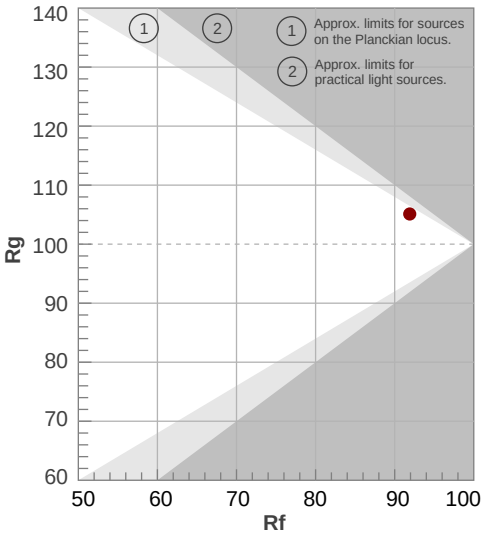
Rf 91,9

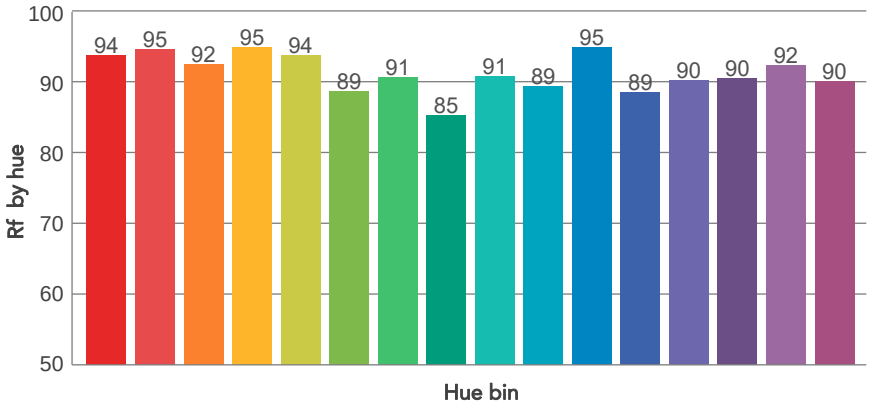
Fidelity index Rf

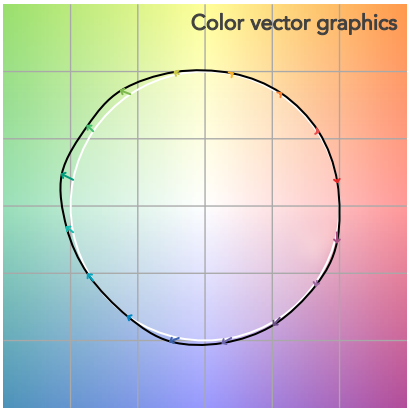
Rg 105,1

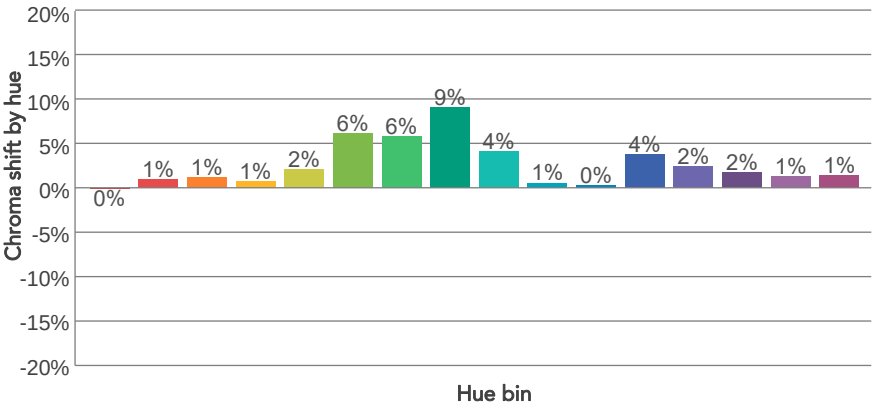
Gammut index

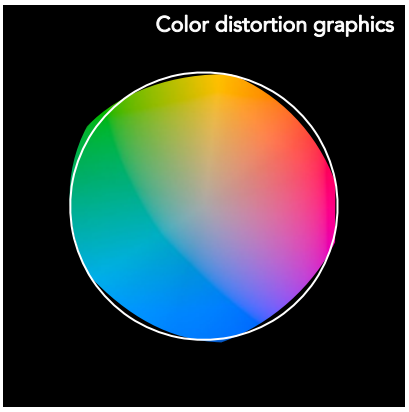
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	0%	-2%
2	95	1%	-1%
3	92	1%	-1%
4	95	1%	-1%
5	94	2%	3%
6	89	6%	4%
7	91	6%	-1%
8	85	9%	-2%
9	91	4%	-5%
10	89	1%	-6%
11	95	0%	-2%
12	89	4%	-6%
13	90	2%	-7%
14	90	2%	-7%
15	92	1%	-3%
16	90	1%	-7%

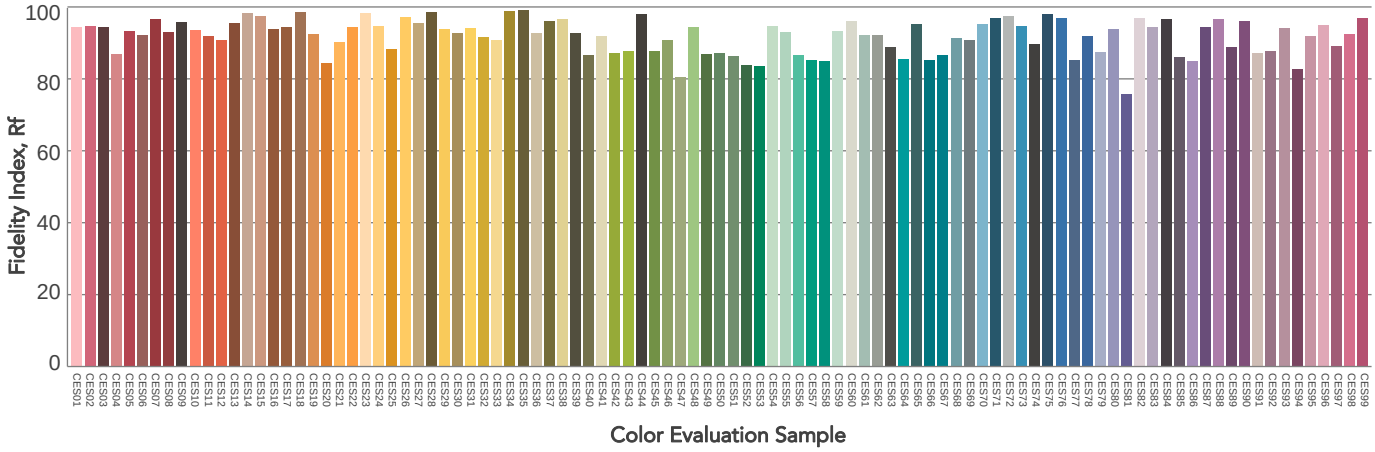












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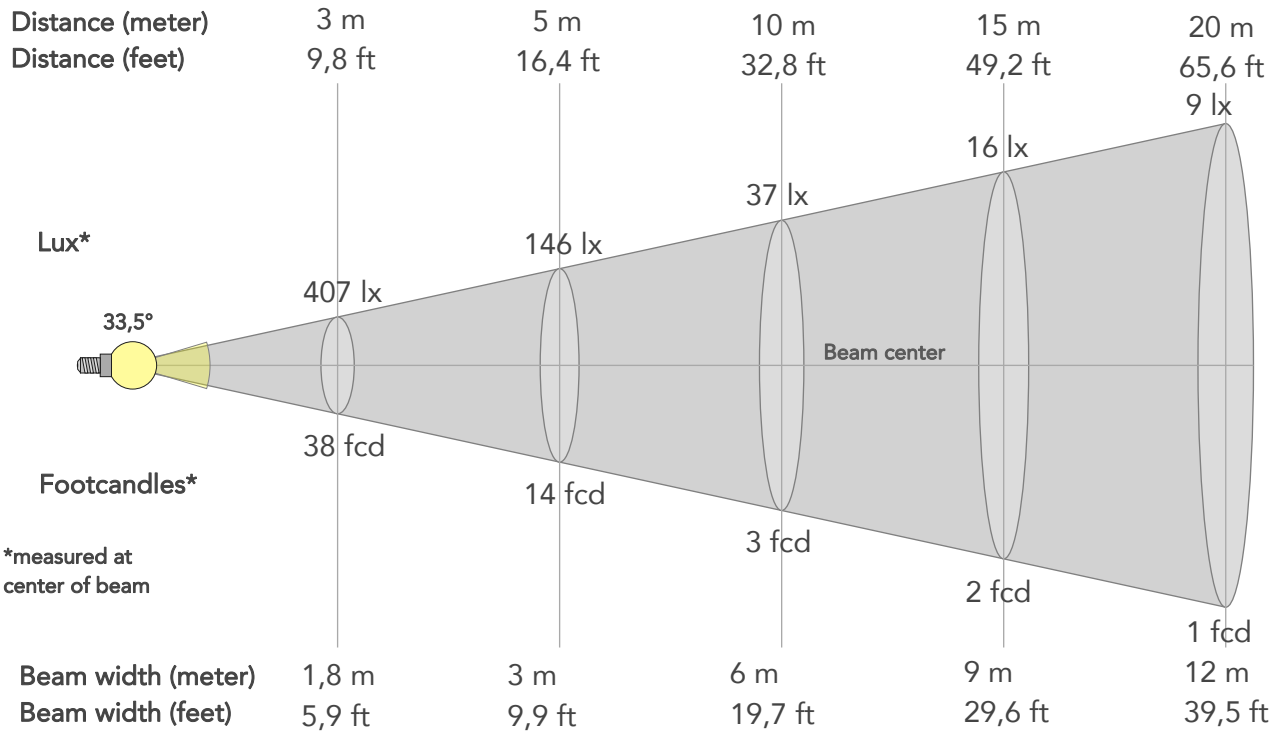
BEAM DETAILS

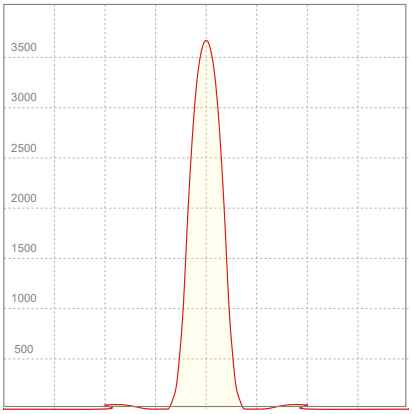
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
33,5°	50,1°	59,8°	89,8%	89,2%



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	3661lx	915lx	407lx	229lx	146lx	65lx	37lx	16lx	9lx	6lx	4lx	2lx	1lx
Footcand.	340fcd	85fcd	38fcd	21fcd	14fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,4m	3m	4,5m	6m	9m	12m	15m	18,1m	24,1m	30,1m
Beam wid.	2ft	4ft	5,9ft	7,9ft	9,9ft	14,8ft	19,7ft	29,6ft	39,5ft	49,3ft	59,2ft	78,9ft	98,7ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,316A	61,0W	20lm/W

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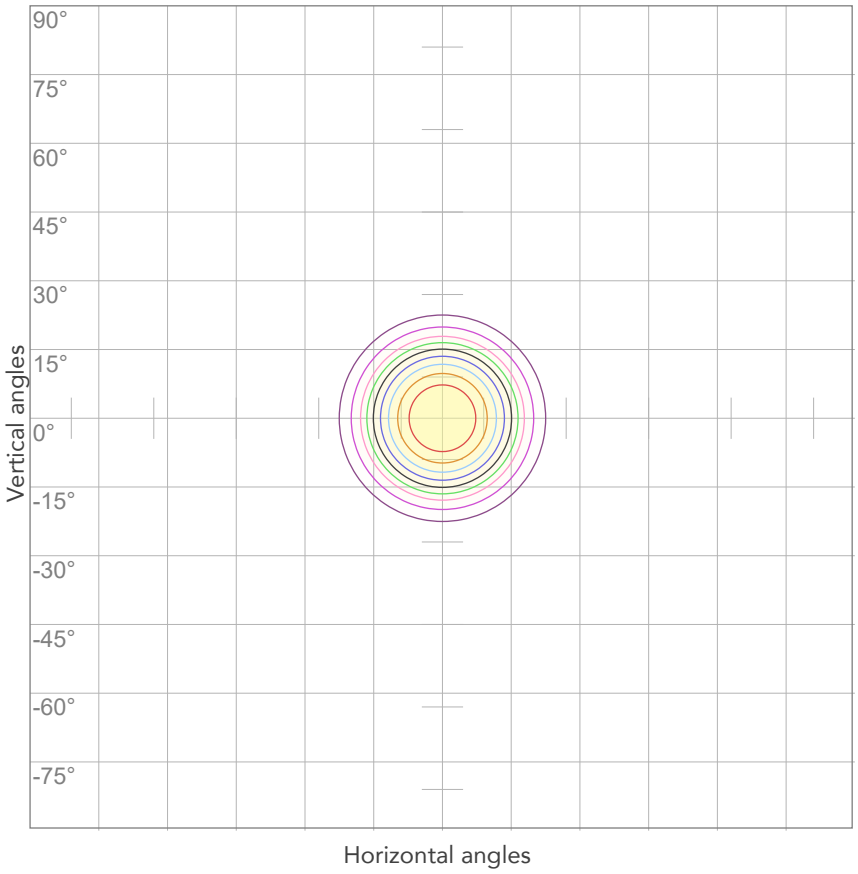
ISO DIAGRAMS

ISO CANDELA DIAGRAM



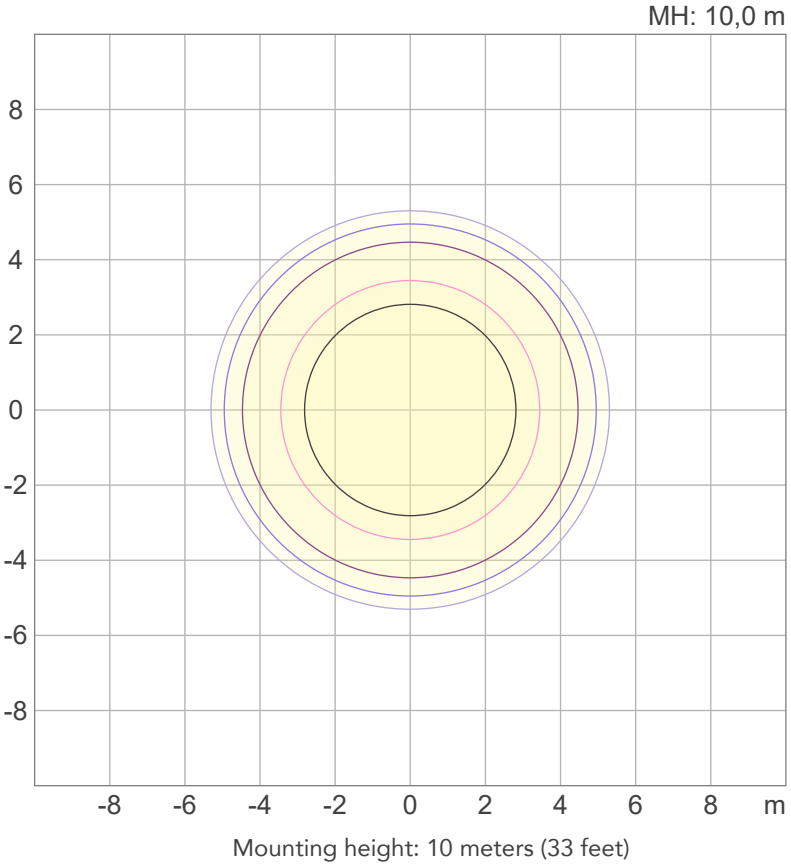
10%	366 cd
20%	732 cd
30%	1098 cd
40%	1464 cd
50%	1830 cd
60%	2196 cd
70%	2562 cd
80%	2929 cd

Conditions:

Number of c-planes: 2

Candela at center: 3661 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,10 lx
5%	1,83 lx
10%	3,66 lx
30%	11,0 lx
50%	18,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 36,6 lx

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

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Total lumen output:

1166 lm

Peak candela output:

12487 cd

Light quality:

CRI: 93,8

Color temperature:

3231 K

PRODUCT NAME:

JETPAR7ZIP

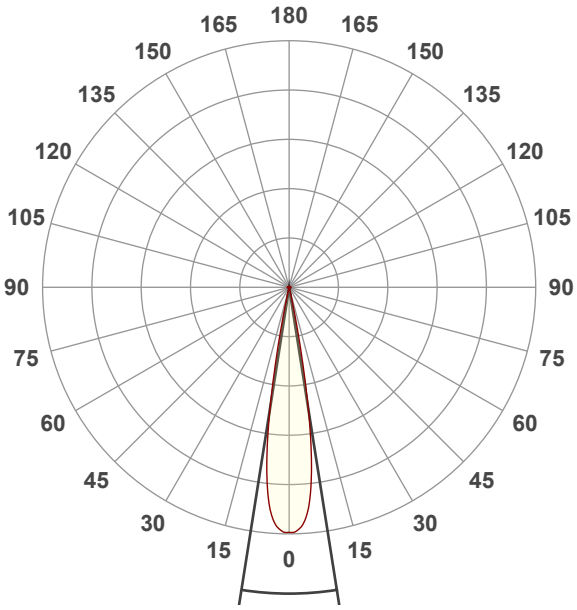
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
3200K

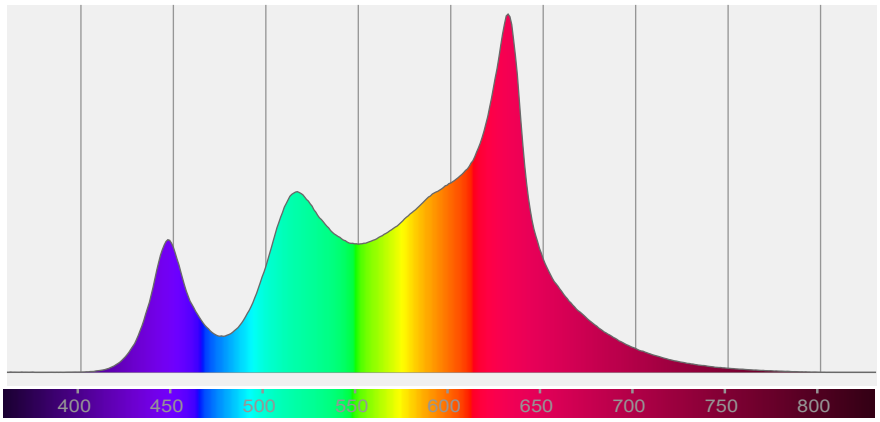
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:34:40

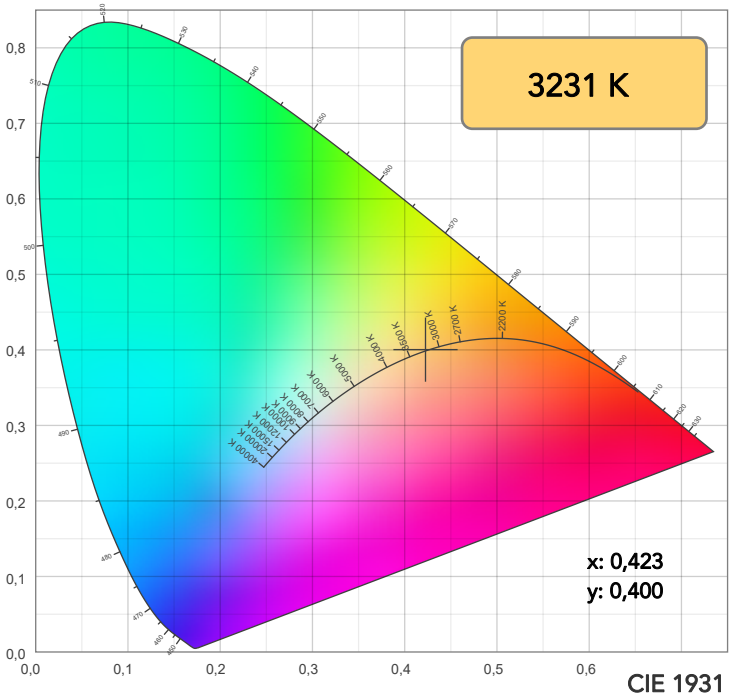


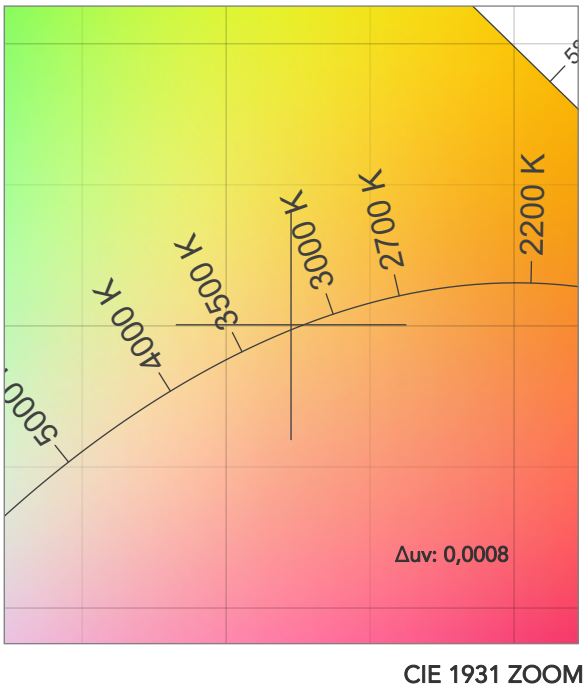
Beam angle 50%: 17,9°
Field angle 10%: 23,7°
Cut off angle 2.5%: 26°

Spectra

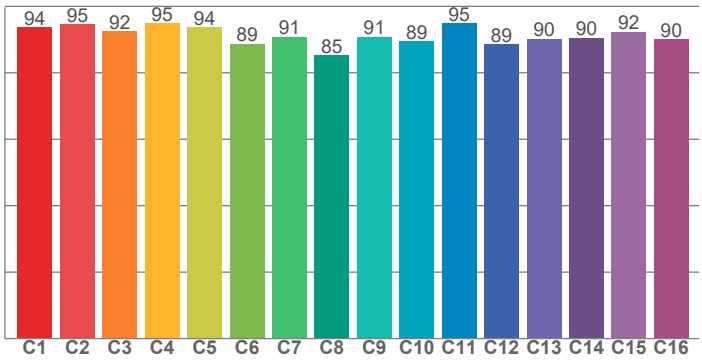


COLOR DETAILS

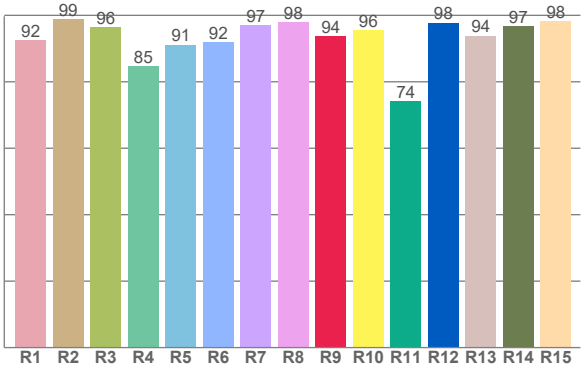




TM30: 91,9



CRI: 93,8 (R1-R8)



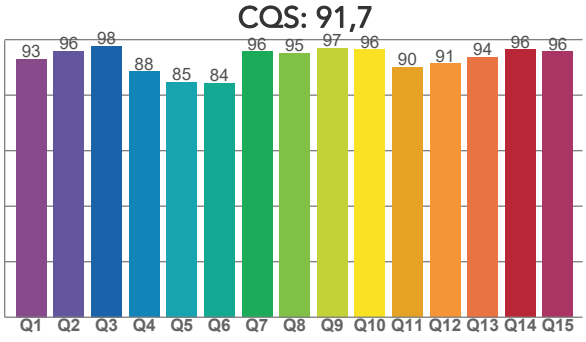
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92,5	98,9	96,4	84,6	91,2	91,8	97,0	98,0	93,7	95,6	74,2	97,8	93,8	96,7	98,2

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
93,7	94,5	92,5	94,9	93,7	88,7	90,7	85,3	90,8	89,5	94,9	88,6	90,2	90,5	92,3	90,0

CQS: 91,7



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,0	96,0	97,7	88,5	84,7	84,4	95,6	95,2	97,1	96,4	90,0	91,3	93,8	96,4	95,6

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3231 K	93,8	93,7	91,9	105,1	91,7	77	0,423	0,400	0,0008

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TM30 DETAILS

PROLiGHTS

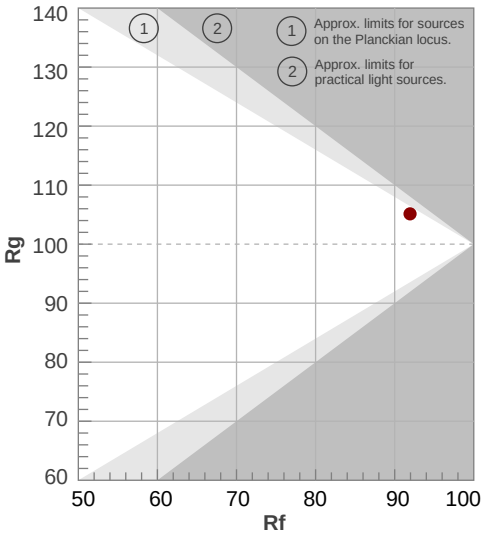
Rf 91,9

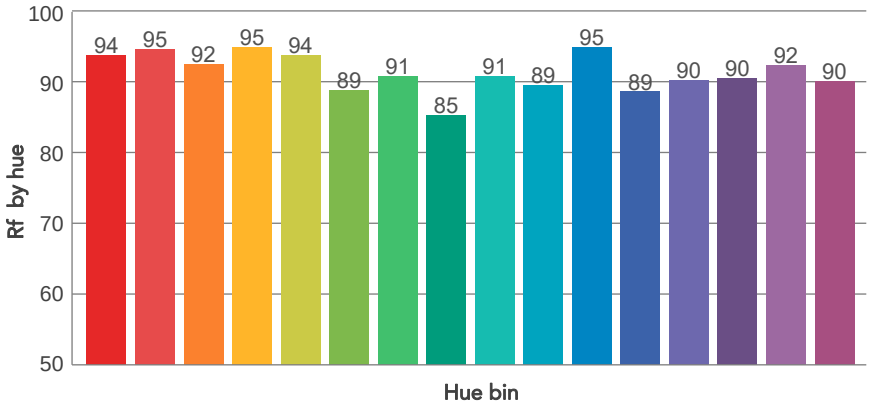
Fidelity index Rf

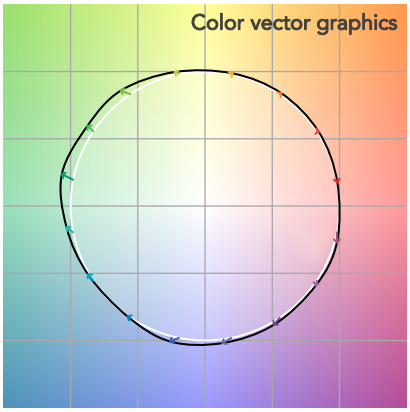
Rg 105,1

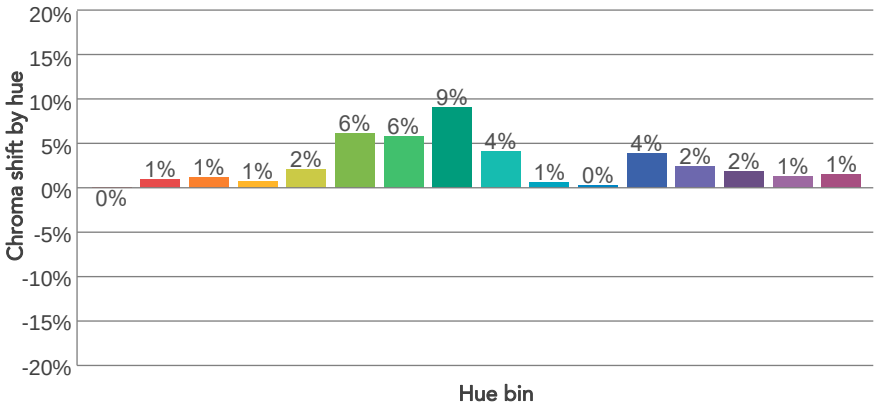
Gammut index

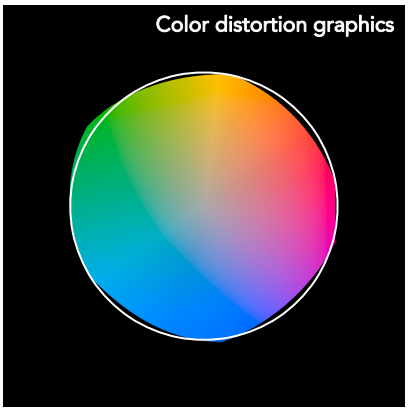
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	0%	-2%
2	95	1%	-1%
3	92	1%	0%
4	95	1%	-1%
5	94	2%	3%
6	89	6%	4%
7	91	6%	-1%
8	85	9%	-2%
9	91	4%	-5%
10	89	1%	-6%
11	95	0%	-2%
12	89	4%	-6%
13	90	2%	-7%
14	90	2%	-7%
15	92	1%	-3%
16	90	1%	-7%

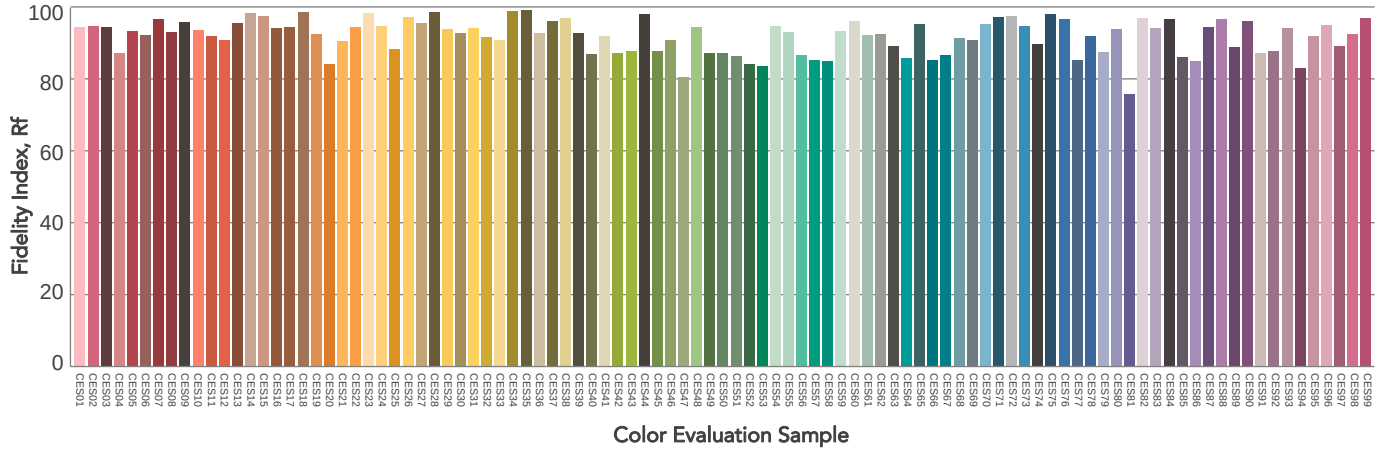












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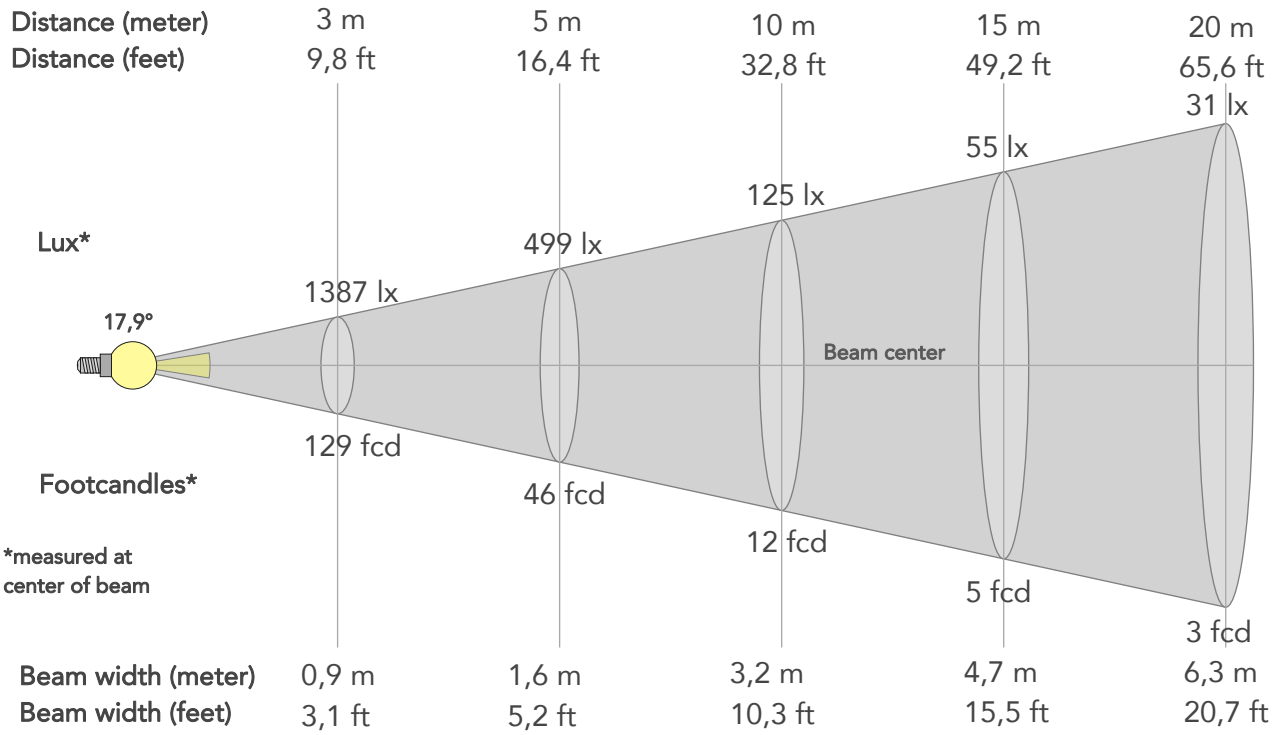
BEAM DETAILS

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
17,9°	23,7°	26°	83,9%	83,9%



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	12487lx	3122lx	1387lx	780lx	499lx	222lx	125lx	55lx	31lx	20lx	14lx	8lx	5lx
Footcand.	1160fcd	290fcd	129fcd	73fcd	46fcd	21fcd	12fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,3m	0,6m	0,9m	1,3m	1,6m	2,4m	3,2m	4,7m	6,3m	7,9m	9,5m	12,6m	15,8m
Beam wid.	1ft	2,1ft	3,1ft	4,1ft	5,2ft	7,8ft	10,3ft	15,5ft	20,7ft	25,9ft	31ft	41,4ft	51,7ft

LINEAR DISTRIBUTION DIAGRAM

ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,317A	61,0W	19lm/W

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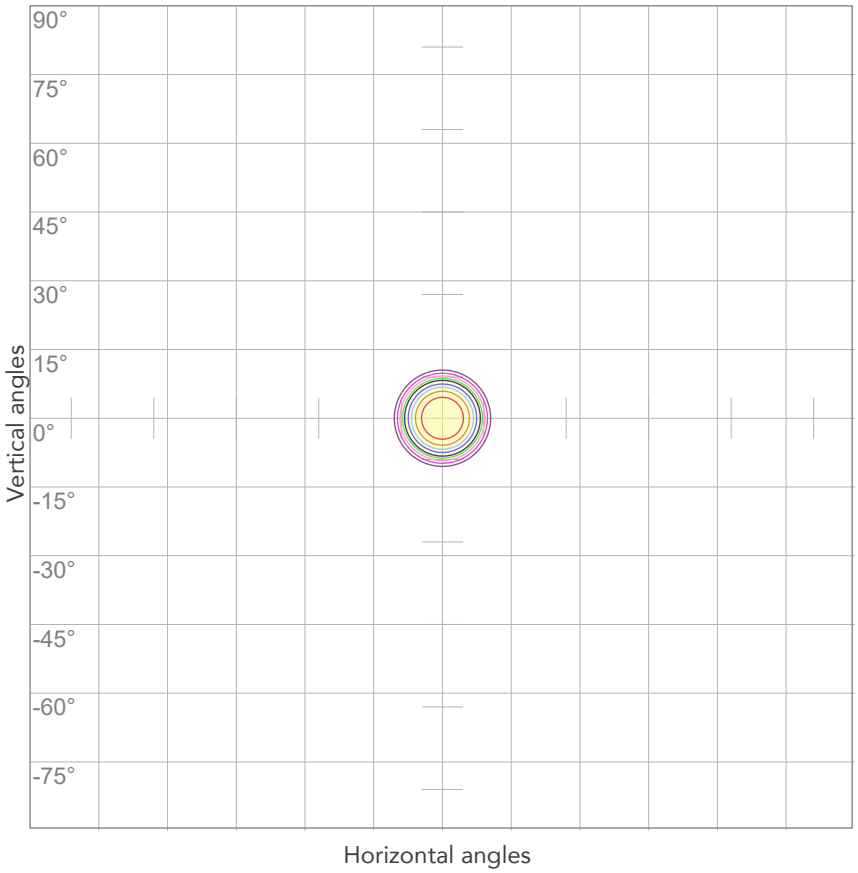
ISO DIAGRAMS

ISO CANDELA DIAGRAM



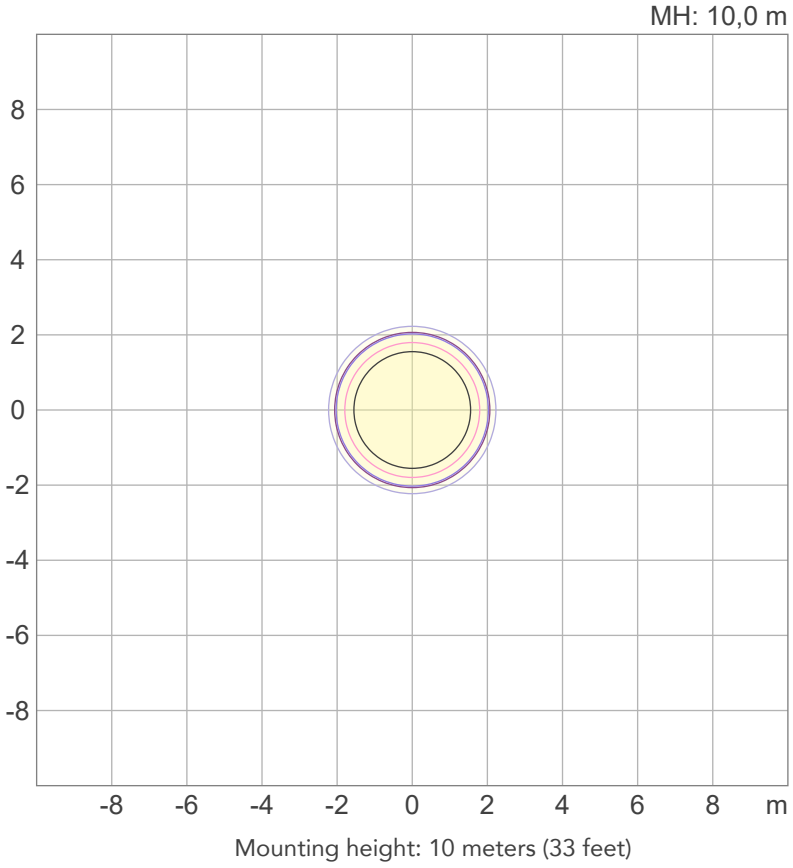
10%	1249 cd
20%	2497 cd
30%	3746 cd
40%	4995 cd
50%	6243 cd
60%	7492 cd
70%	8741 cd
80%	9990 cd

Conditions:

Number of c-planes: 2

Candela at center: 12487 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

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

Conditions:

Number of c-planes: 2

Lux at center: 125 lx

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

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Total lumen output:

685 lm

Peak candela output:

140815 cd

Light quality:

CRI: 93,7

Color temperature:

3211 K

PRODUCT NAME:

JETPAR7ZIP

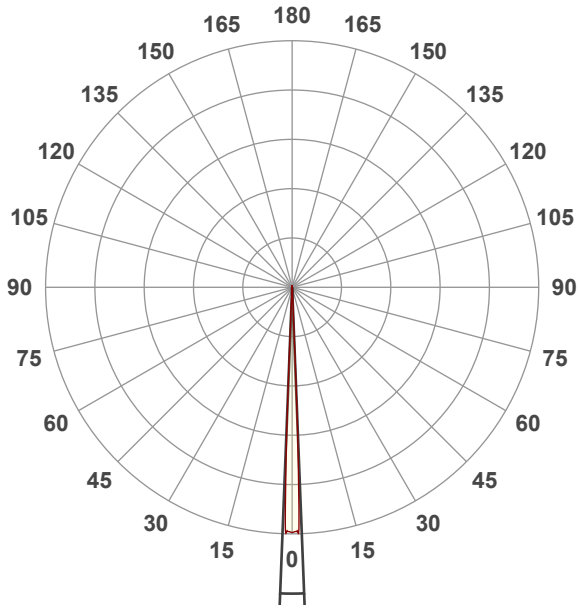
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
3200K

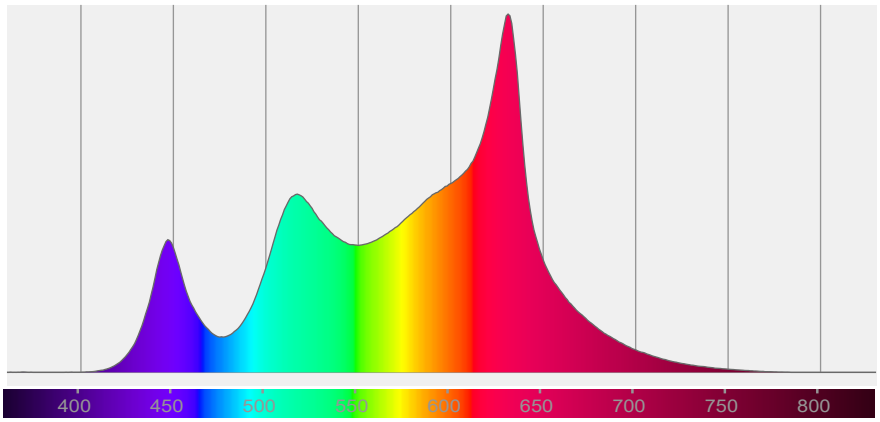
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:35:53



Beam angle 50%: 4,5°
Field angle 10%: 5,3°
Cut off angle 2.5%: 6,1°

Spectra



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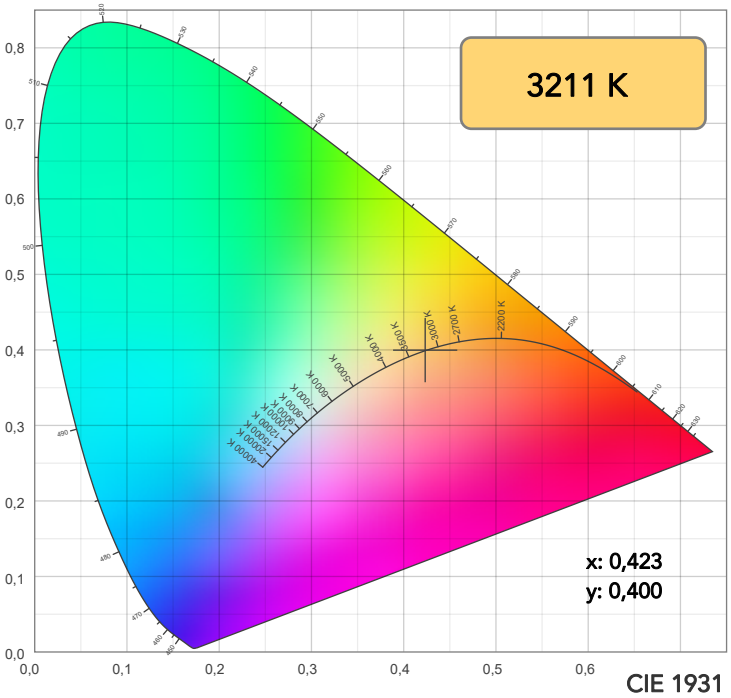
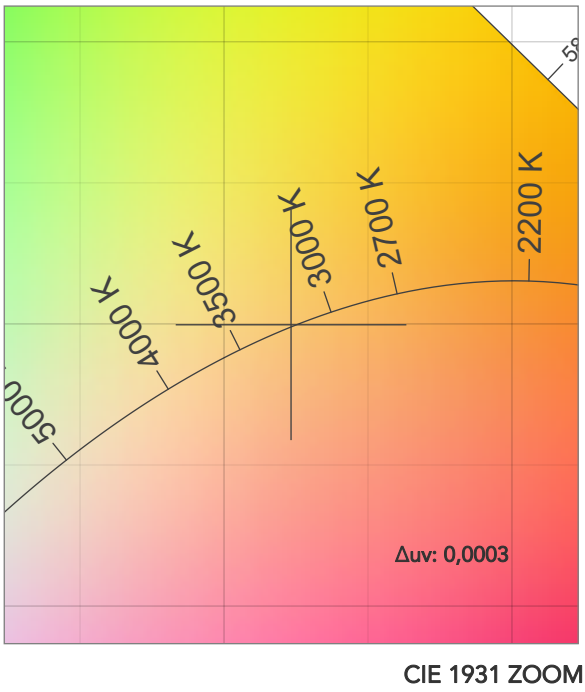
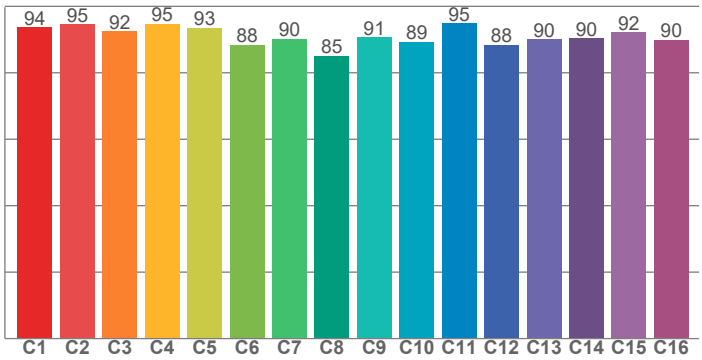
COLOR DETAILS

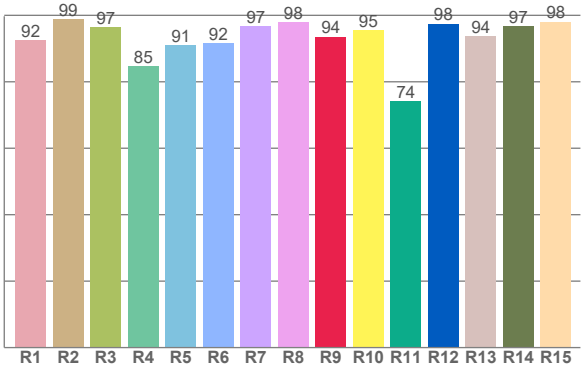




TM30: 91,8



CRI: 93,7 (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
92,5	98,8	96,5	84,6	91,1	91,6	96,8	97,8	93,6	95,5	74,1	97,5	93,8	96,7	98,1

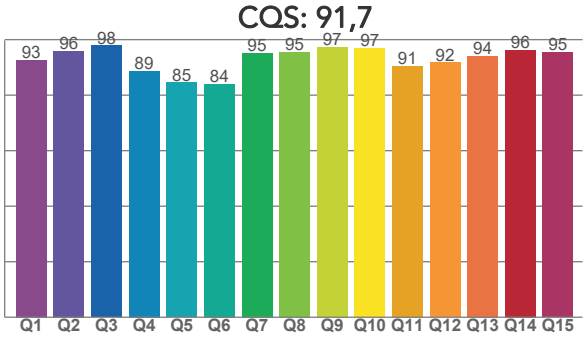
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93,6	94,5	92,4	94,8	93,5	88,4	90,3	85,1	90,6	89,3	94,9	88,5	90,1	90,4	92,2	89,9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,7	96,0	97,8	88,6	84,6	84,0	95,2	95,5	97,4	97,0	90,5	91,7	94,1	96,2	95,5

CQS: 91,7



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3211 K	93,7	93,6	91,8	105,4	91,7	77	0,423	0,400	0,0003

TM30 DETAILS

PROLiGHTS

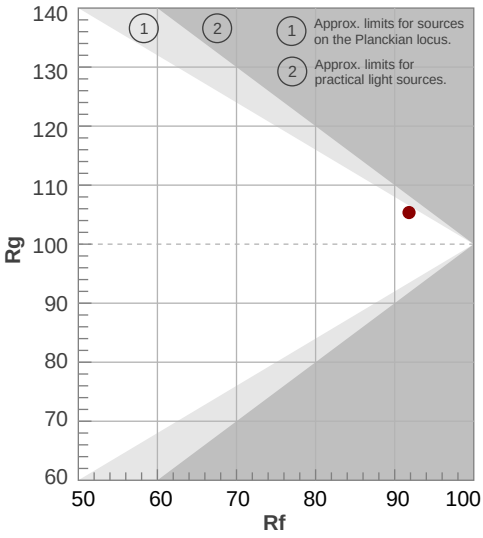
Rf 91,8

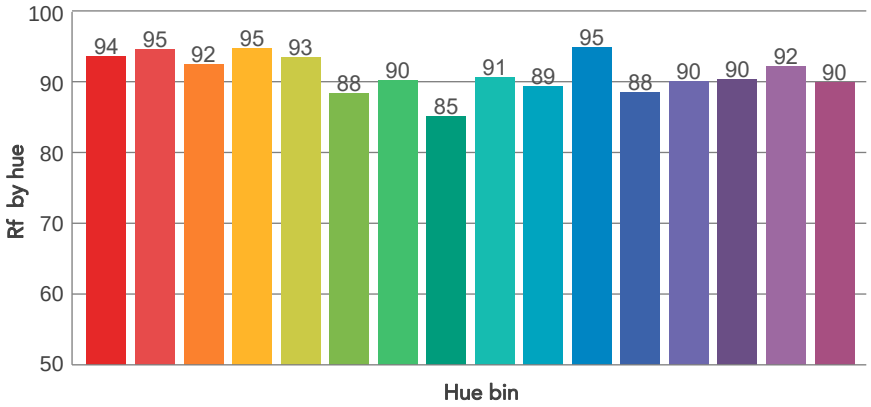
Fidelity index Rf

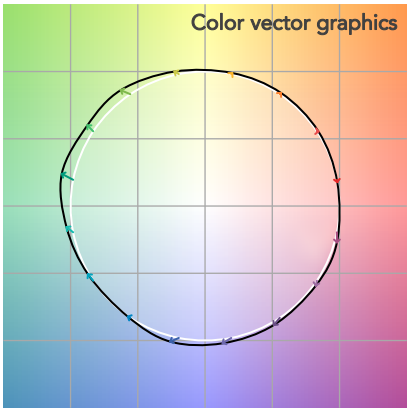
Rg 105,4

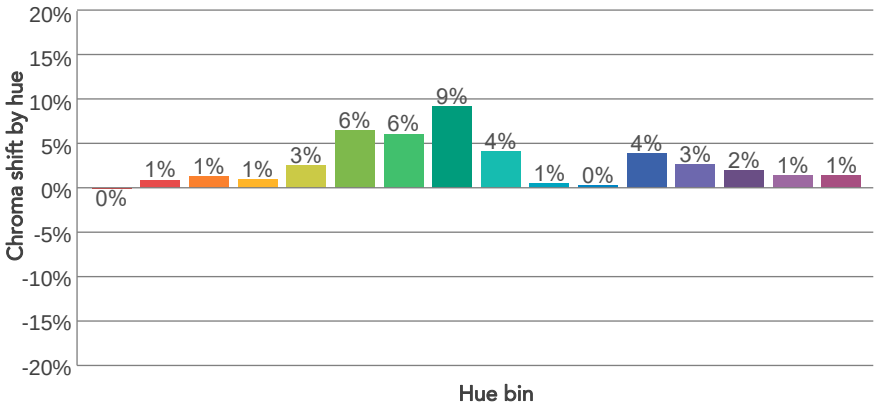
Gammut index

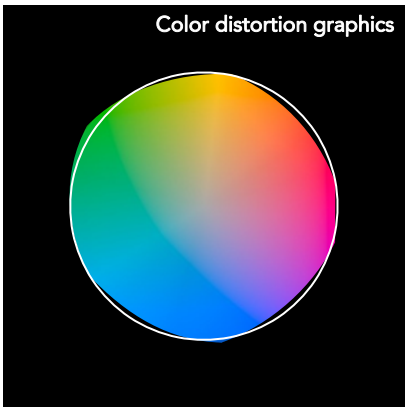
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	0%	-2%
2	95	1%	-1%
3	92	1%	0%
4	95	1%	-1%
5	93	3%	3%
6	88	6%	4%
7	90	6%	-1%
8	85	9%	-3%
9	91	4%	-5%
10	89	1%	-6%
11	95	0%	-2%
12	88	4%	-6%
13	90	3%	-7%
14	90	2%	-7%
15	92	1%	-3%
16	90	1%	-7%

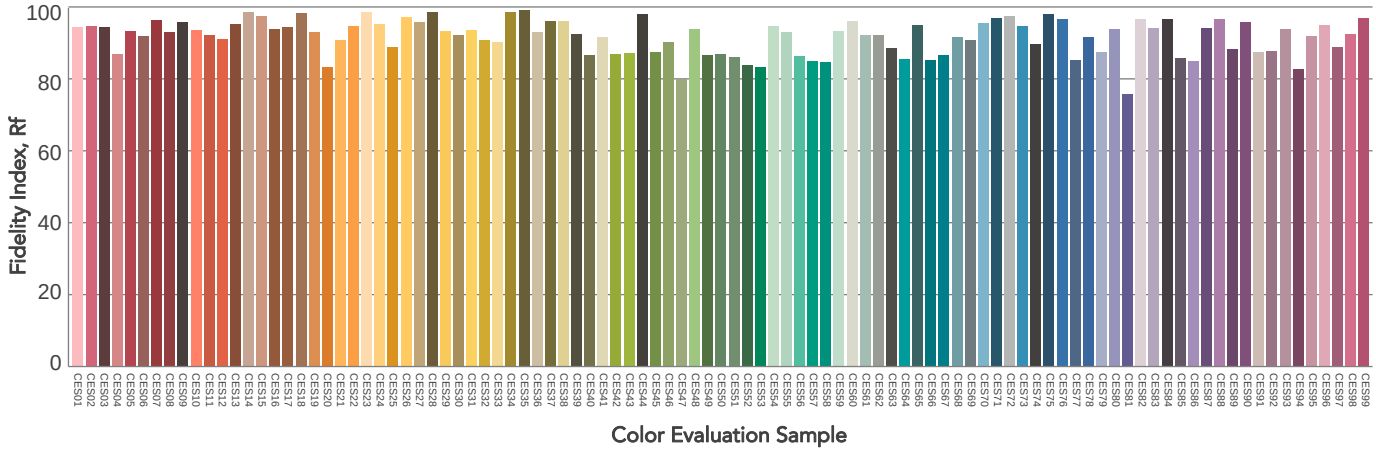












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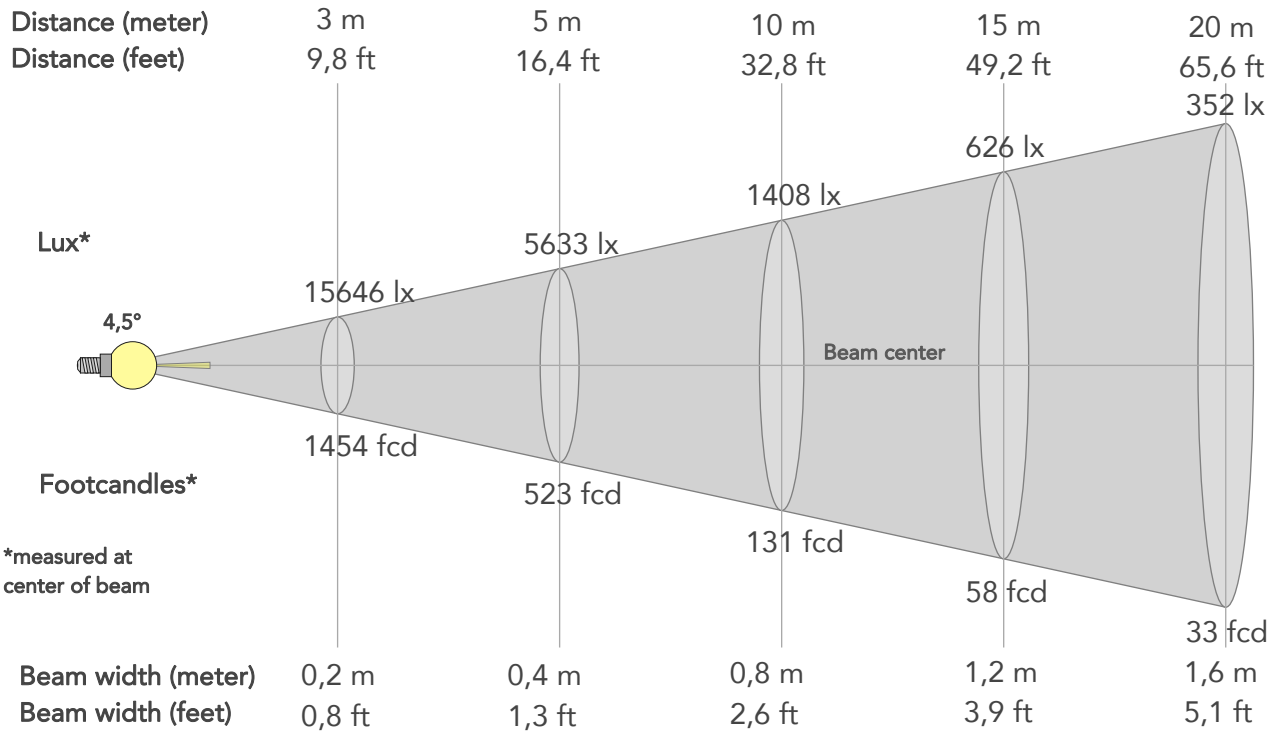
BEAM DETAILS

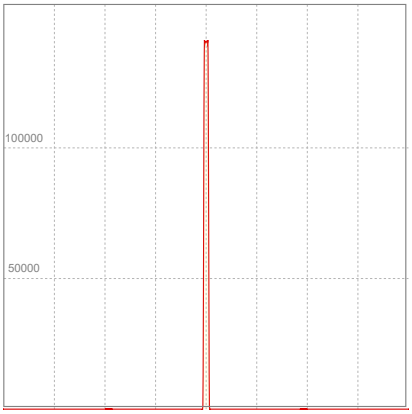
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,5°	5,3°	6,1°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	140815lx	35204lx	15646lx	8801lx	5633lx	2503lx	1408lx	626lx	352lx	225lx	156lx	88lx	56lx
Footcand.	13082fcd	3271fcd	1454fcd	818fcd	523fcd	233fcd	131fcd	58fcd	33fcd	21fcd	15fcd	8fcd	5fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,2m	1,6m	2m	2,3m	3,1m	3,9m
Beam wid.	0,3ft	0,5ft	0,8ft	1ft	1,3ft	1,9ft	2,6ft	3,9ft	5,1ft	6,4ft	7,7ft	10,3ft	12,8ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,316A	60,9W	11lm/W

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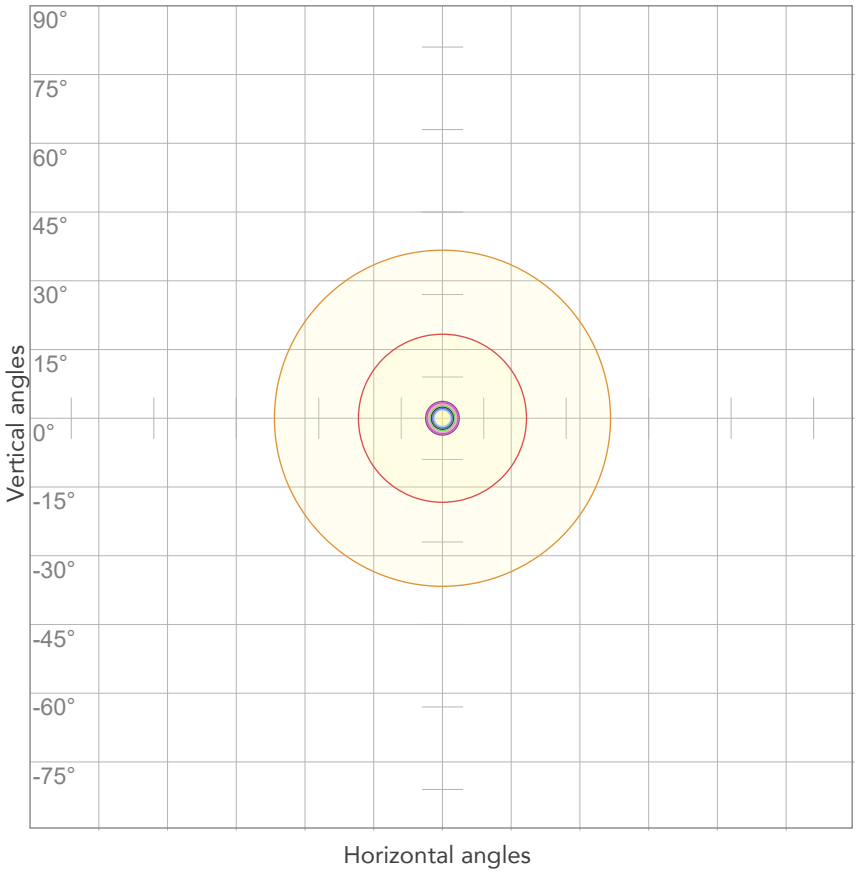
ISO DIAGRAMS

ISO CANDELA DIAGRAM



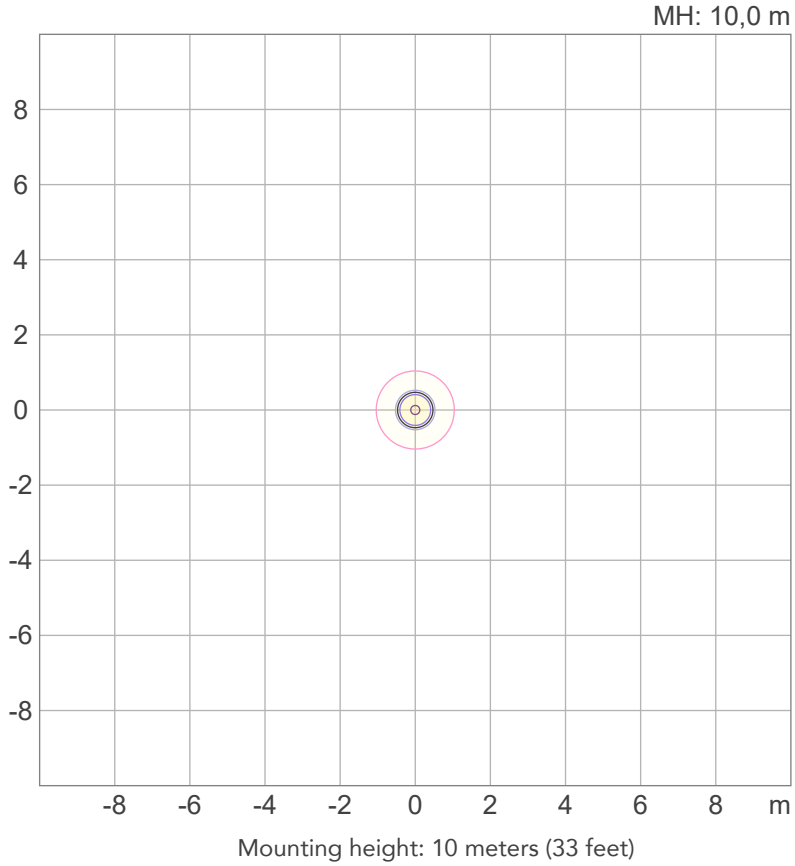
10%	14081 cd
20%	28163 cd
30%	42244 cd
40%	56326 cd
50%	70407 cd
60%	84489 cd
70%	98570 cd
80%	112652 cd

Conditions:

Number of c-planes: 2

Candela at center: 140815 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	42,2 lx
5%	70,4 lx
10%	141 lx
30%	422 lx
50%	704 lx

Conditions:

Number of c-planes: 2

Lux at center: 1408 lx

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

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Total lumen output:

1472 lm

Peak candela output:

4055 cd

Light quality:

CRI: 94,1

Color temperature:

4045 K

PRODUCT NAME:

JETPAR7ZIP

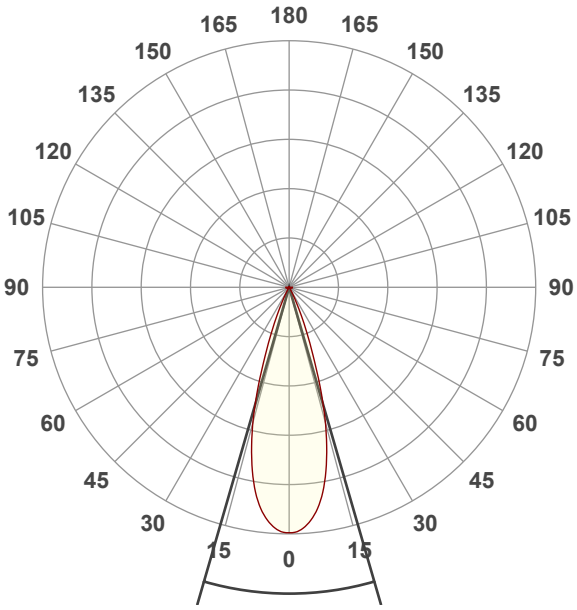
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
4000K

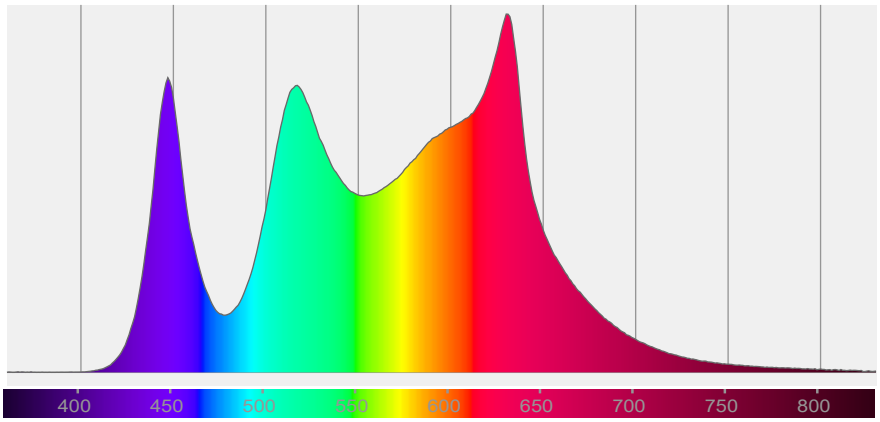
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:47:31

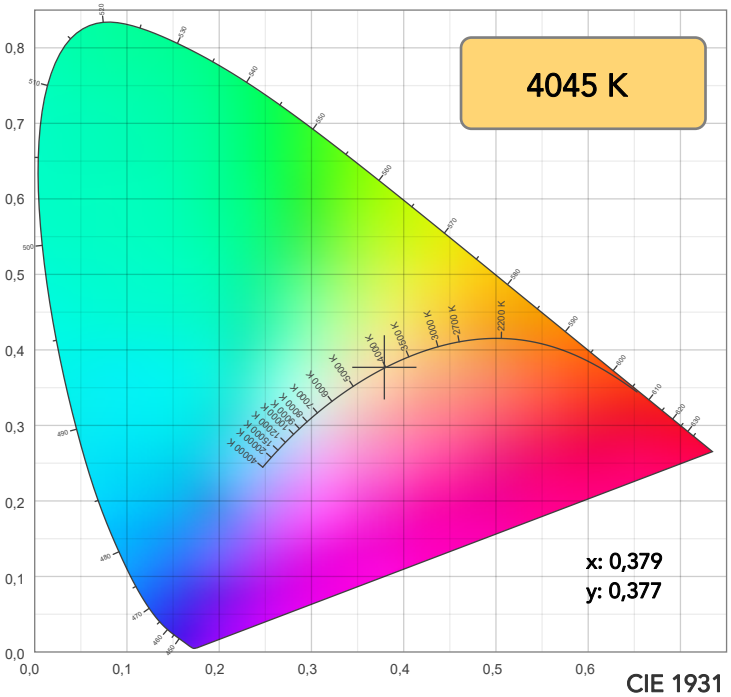


Beam angle 50%: 32,3°
Field angle 10%: 48,4°
Cut off angle 2.5%: 56,8°

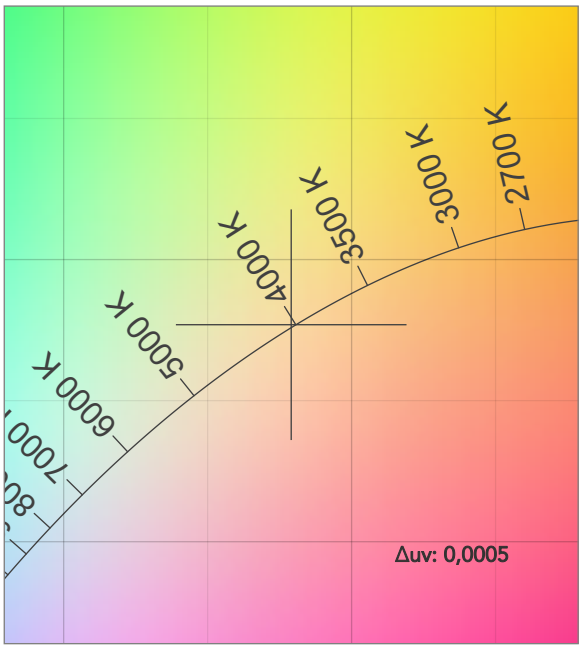
Spectra



COLOR DETAILS

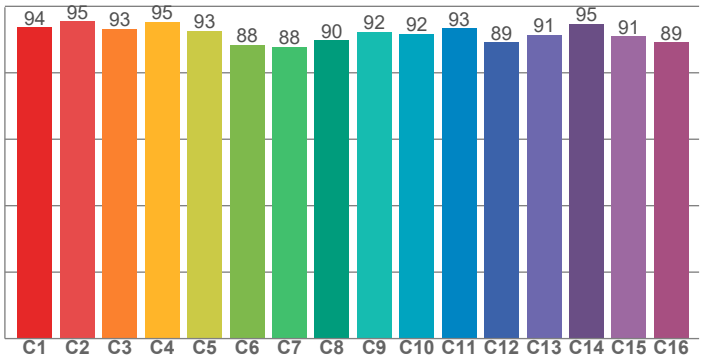


CIE 1931

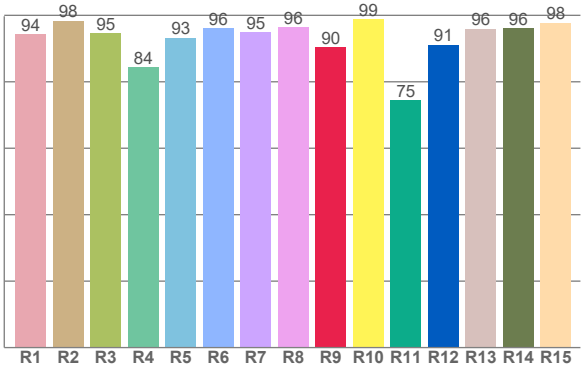


CIE 1931 ZOOM

TM30: 92,1



CRI: 94,1 (R1-R8)



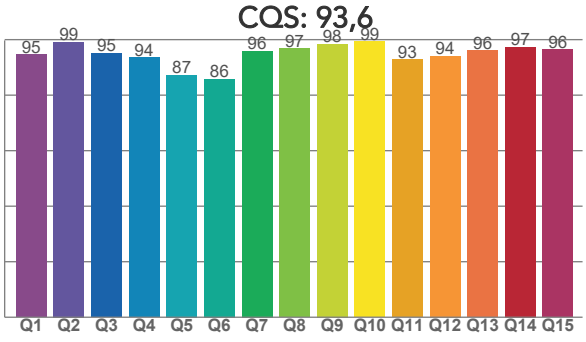
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,3	98,4	94,7	84,4	93,3	96,0	95,0	96,4	90,4	98,8	74,5	91,2	95,9	96,2	97,8

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

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93,7	95,5	93,3	95,3	92,6	88,4	87,8	89,7	92,4	91,6	93,3	89,2	91,4	94,7	91,0	89,2

CQS: 93,6



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,6	99,2	95,1	93,6	87,3	85,8	95,8	96,8	98,5	99,3	92,9	94,0	96,1	97,4	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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4045 K	94,1	90,4	92,1	105,6	93,6	76	0,379	0,377	0,0005

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TM30 DETAILS

PROLiGHTS

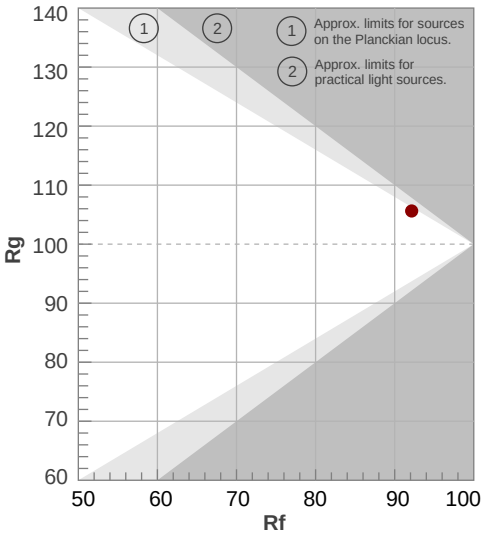
Rf 92,1

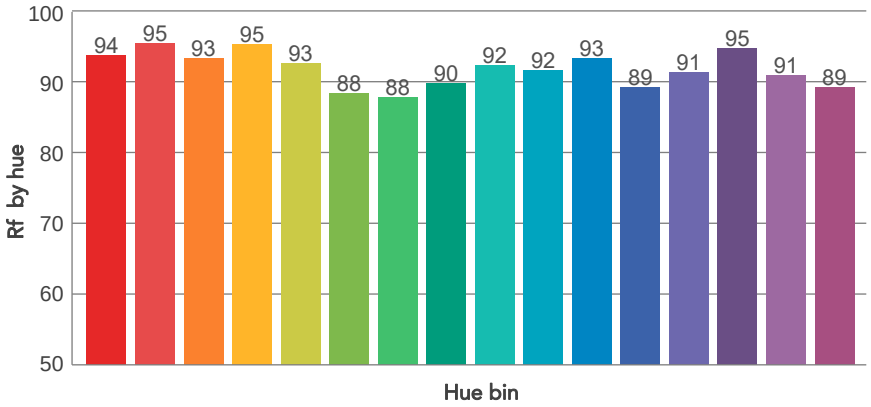
Fidelity index Rf

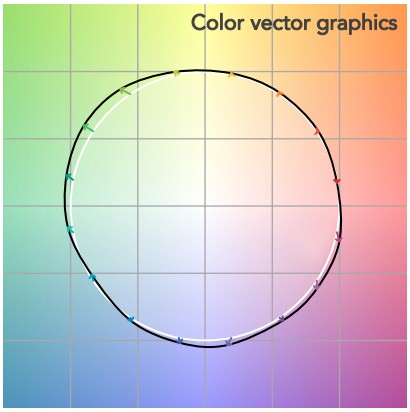
Rg 105,6

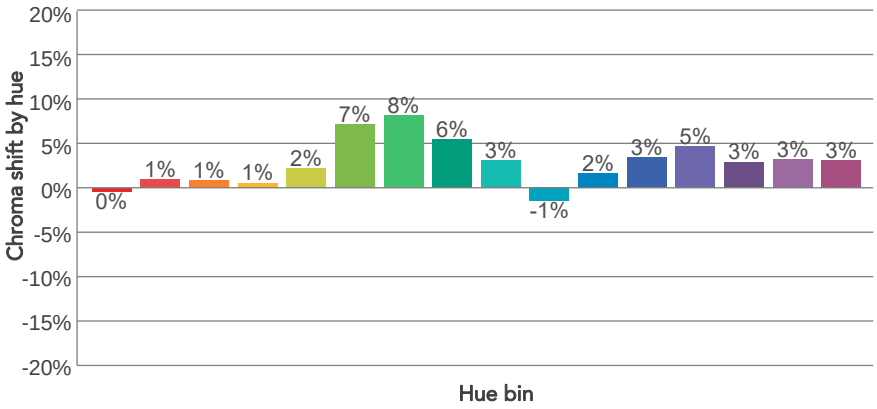
Gammut index

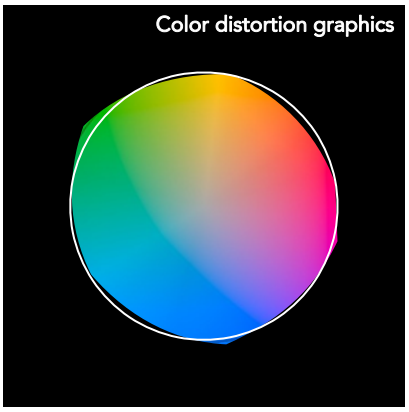
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	0%	-2%
2	95	1%	-1%
3	93	1%	1%
4	95	1%	0%
5	93	2%	3%
6	88	7%	4%
7	88	8%	0%
8	90	6%	-2%
9	92	3%	-4%
10	92	-1%	-4%
11	93	2%	2%
12	89	3%	2%
13	91	5%	-4%
14	95	3%	1%
15	91	3%	-5%
16	89	3%	-6%

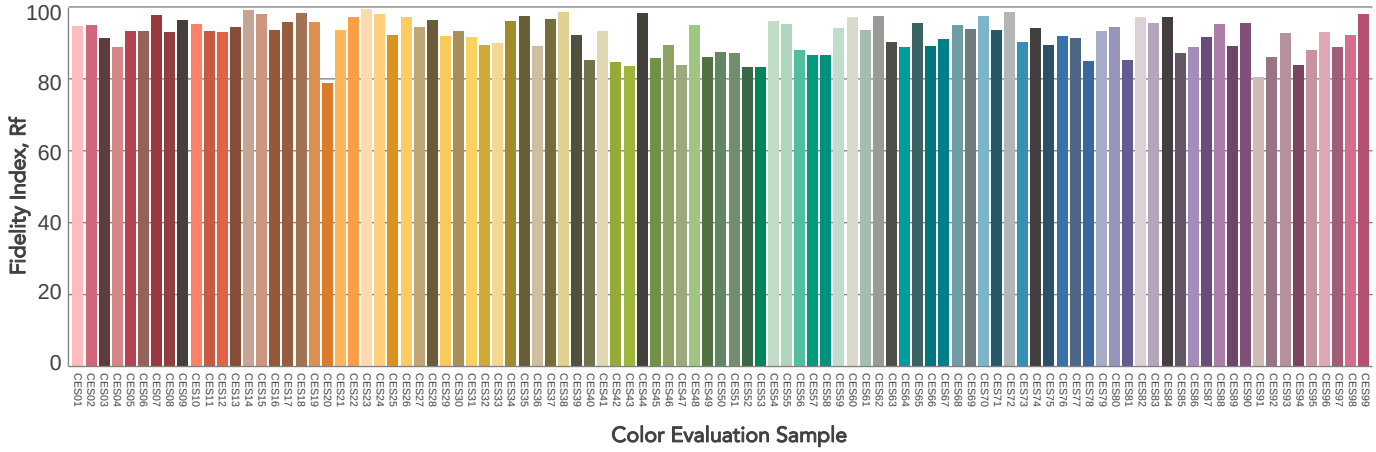












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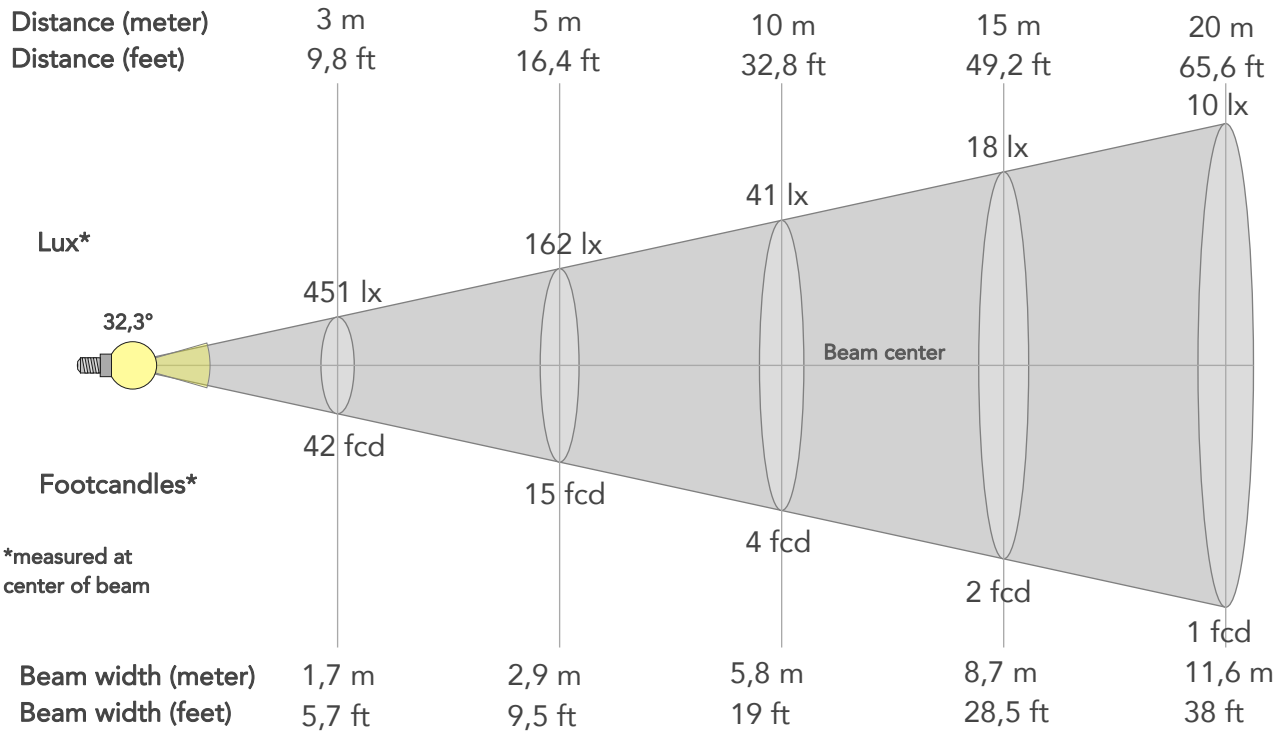
BEAM DETAILS

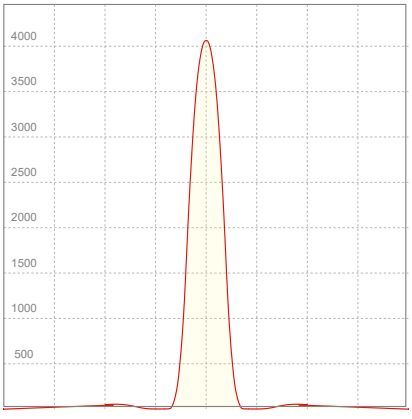
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
32,3°	48,4°	56,8°	77,7%	77,0%



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	4055lx	1014lx	451lx	253lx	162lx	72lx	41lx	18lx	10lx	6lx	5lx	3lx	2lx
Footcand.	377fcd	94fcd	42fcd	24fcd	15fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,7m	2,3m	2,9m	4,3m	5,8m	8,7m	11,6m	14,5m	17,4m	23,2m	28,9m
Beam wid.	1,9ft	3,8ft	5,7ft	7,6ft	9,5ft	14,2ft	19ft	28,5ft	38ft	47,5ft	57ft	76ft	94,9ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,324A	63,3W	23lm/W

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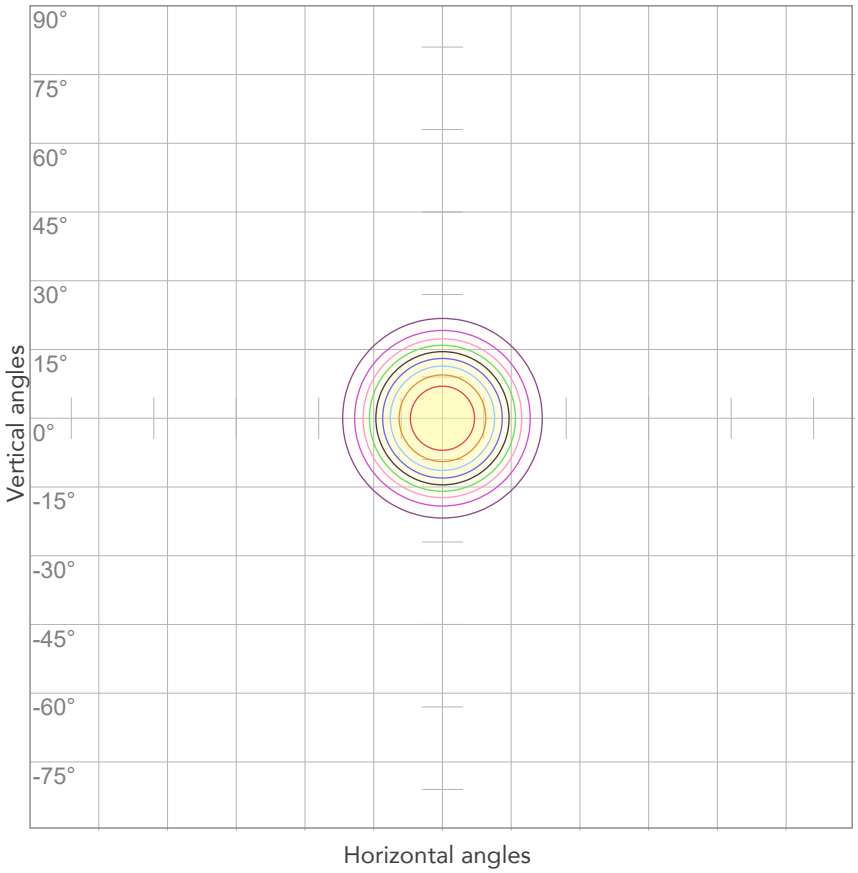
ISO DIAGRAMS

ISO CANDELA DIAGRAM



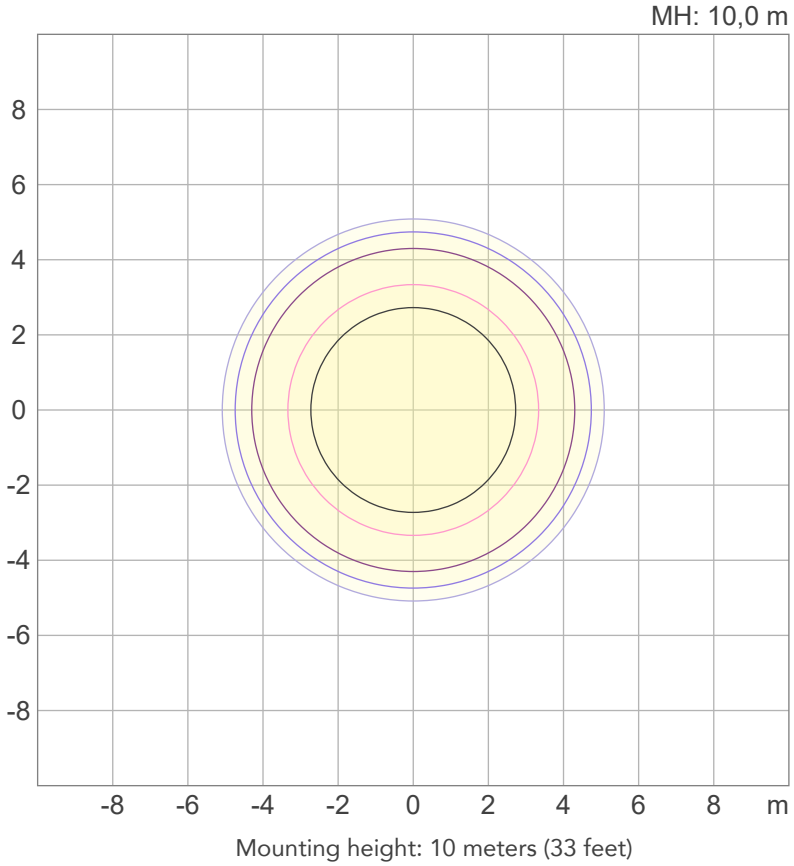
10%	406 cd
20%	811 cd
30%	1217 cd
40%	1622 cd
50%	2028 cd
60%	2433 cd
70%	2839 cd
80%	3244 cd

Conditions:

Number of c-planes: 2

Candela at center: 4055 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,22 lx
5%	2,03 lx
10%	4,06 lx
30%	12,2 lx
50%	20,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 40,6 lx

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

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Total lumen output:

1210 lm

Peak candela output:

14157 cd

Light quality:

CRI: 94,1

Color temperature:

4038 K

PRODUCT NAME:

JETPAR7ZIP

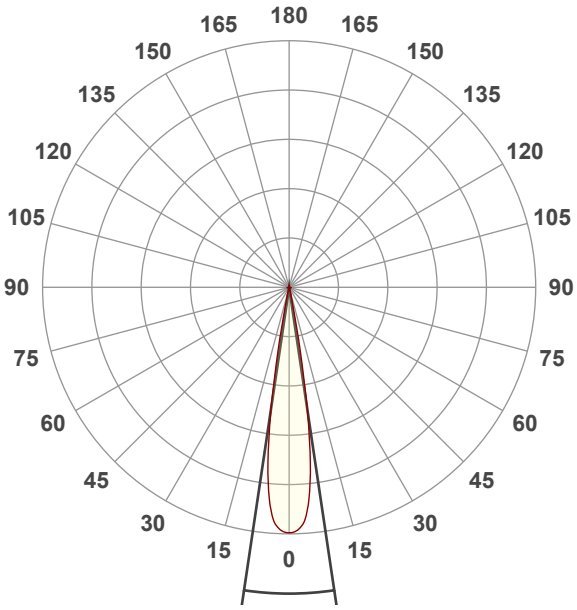
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
4000K

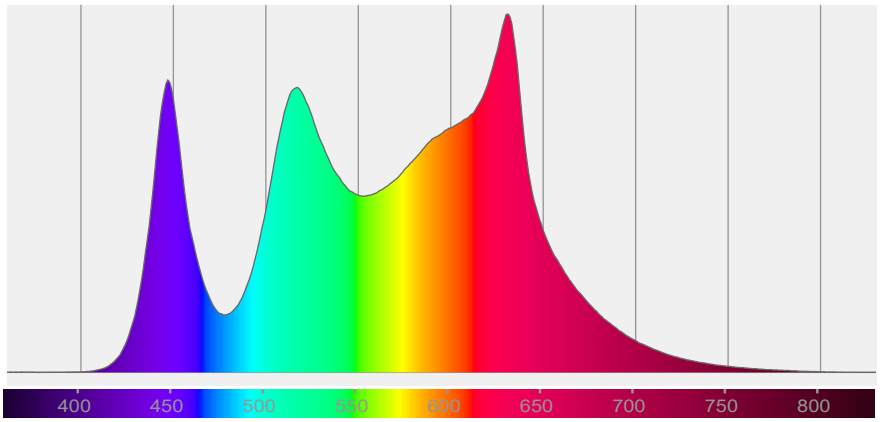
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:49:00



Beam angle 50%: 16,9°
Field angle 10%: 22,5°
Cut off angle 2.5%: 25,2°

Spectra



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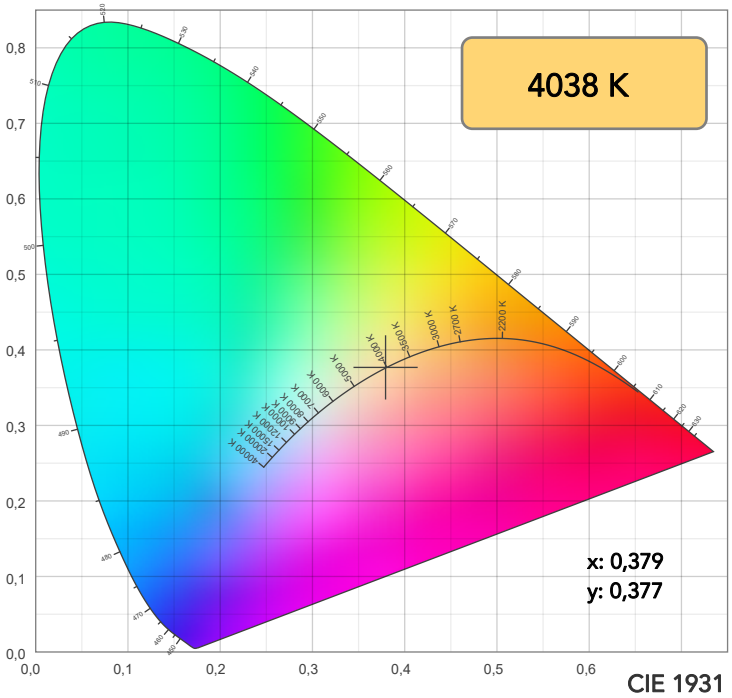
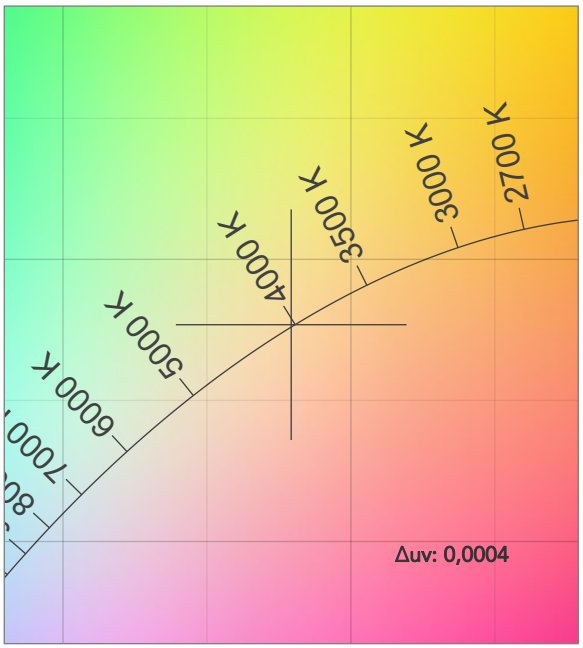
COLOR DETAILS

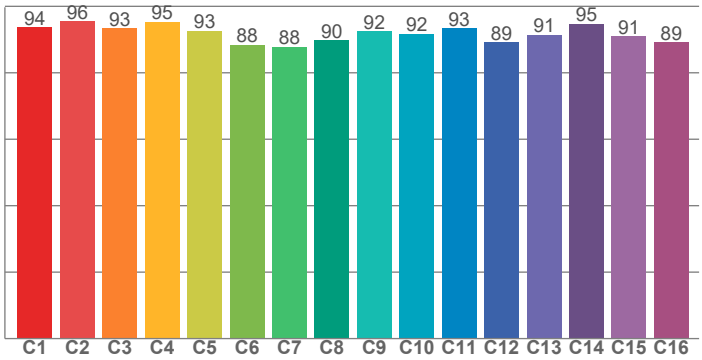


CIE 1931

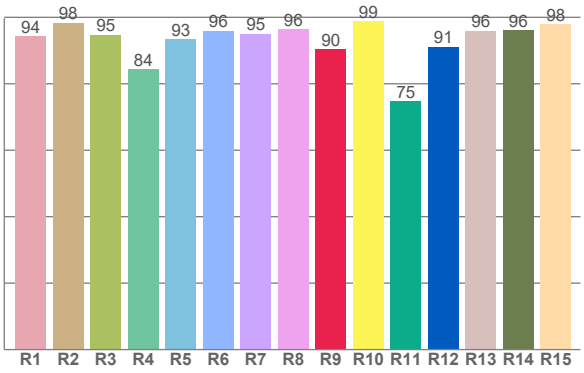


CIE 1931 ZOOM

TM30: 92,2



CRI: 94,1 (R1-R8)



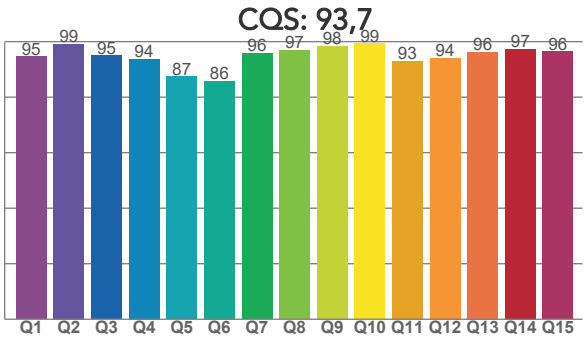
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,4	98,4	94,7	84,5	93,3	96,0	95,0	96,4	90,4	98,8	74,7	91,1	95,9	96,2	97,8

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

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93,7	95,5	93,3	95,4	92,6	88,4	87,9	89,8	92,4	91,8	93,3	89,1	91,4	94,7	90,9	89,2

CQS: 93,7



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,6	99,2	95,0	93,7	87,4	85,9	95,8	96,9	98,5	99,2	93,0	94,2	96,2	97,3	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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4038 K	94,1	90,4	92,2	105,6	93,7	76	0,379	0,377	0,0004

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TM30 DETAILS

PROLiGHTS

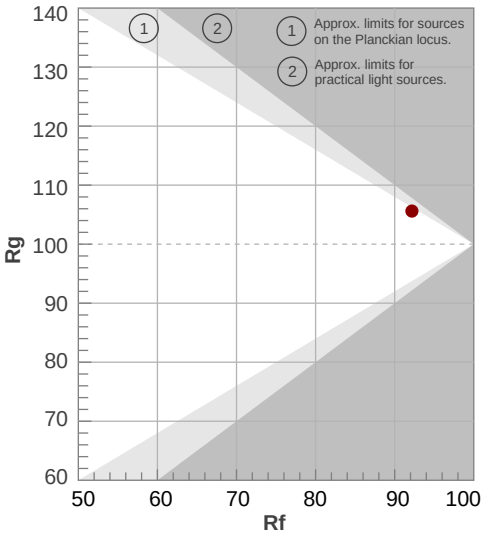
Rf 92,2

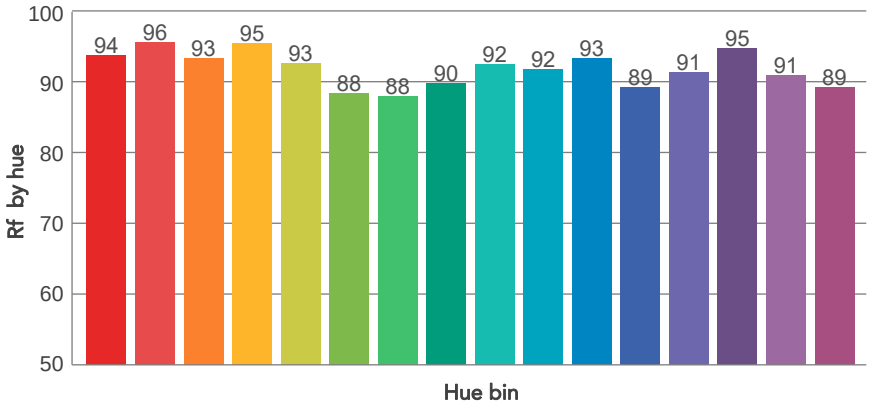
Fidelity index Rf

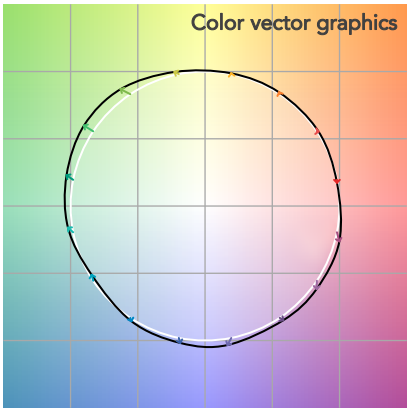
Rg 105,6

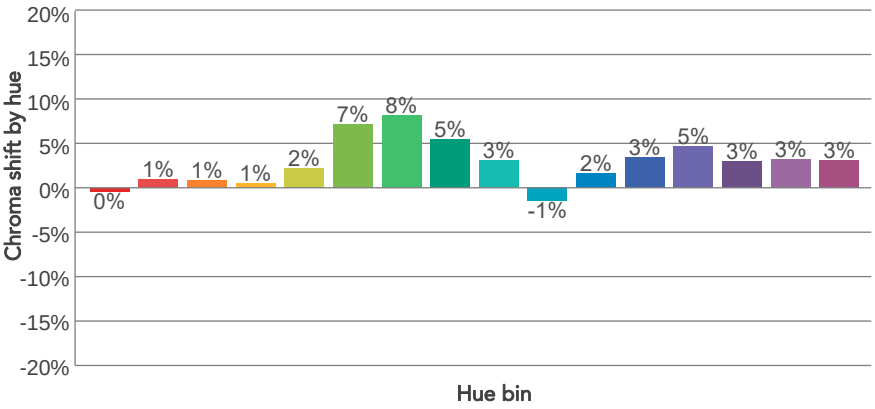
Gammut index

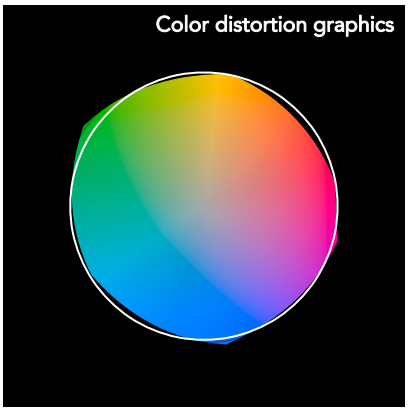
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	0%	-2%
2	96	1%	-1%
3	93	1%	1%
4	95	1%	0%
5	93	2%	3%
6	88	7%	4%
7	88	8%	0%
8	90	5%	-2%
9	92	3%	-4%
10	92	-1%	-4%
11	93	2%	2%
12	89	3%	2%
13	91	5%	-4%
14	95	3%	1%
15	91	3%	-5%
16	89	3%	-6%

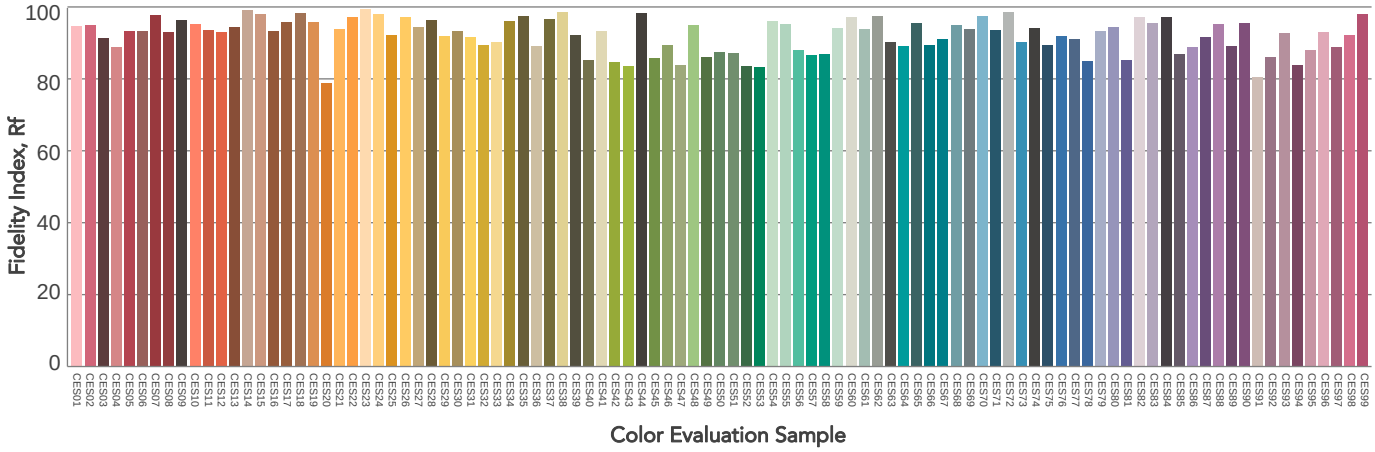












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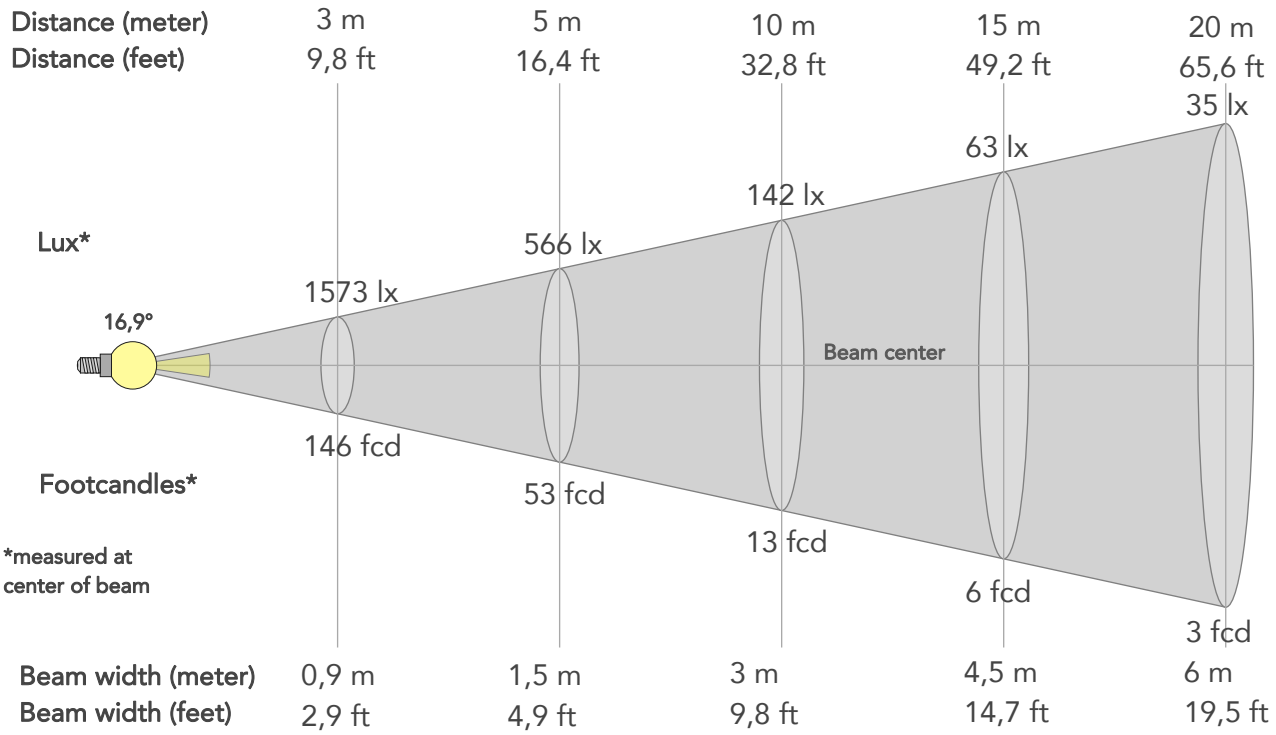
BEAM DETAILS

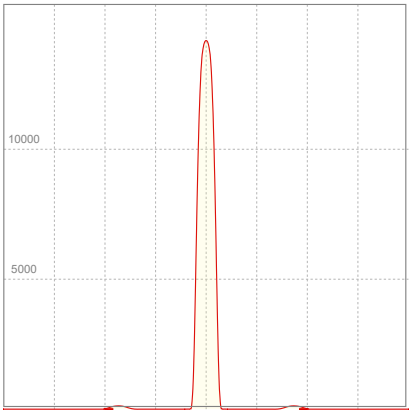
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
16,9°	22,5°	25,2°	82,6%	82,6%



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	14157lx	3539lx	1573lx	885lx	566lx	252lx	142lx	63lx	35lx	23lx	16lx	9lx	6lx
Footcand.	1315fcd	329fcd	146fcd	82fcd	53fcd	23fcd	13fcd	6fcd	3fcd	2fcd	1fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	0,9m	1,2m	1,5m	2,2m	3m	4,5m	6m	7,4m	8,9m	11,9m	14,9m
Beam wid.	1ft	2ft	2,9ft	3,9ft	4,9ft	7,3ft	9,8ft	14,7ft	19,5ft	24,4ft	29,3ft	39,1ft	48,8ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,324A	63,2W	19lm/W

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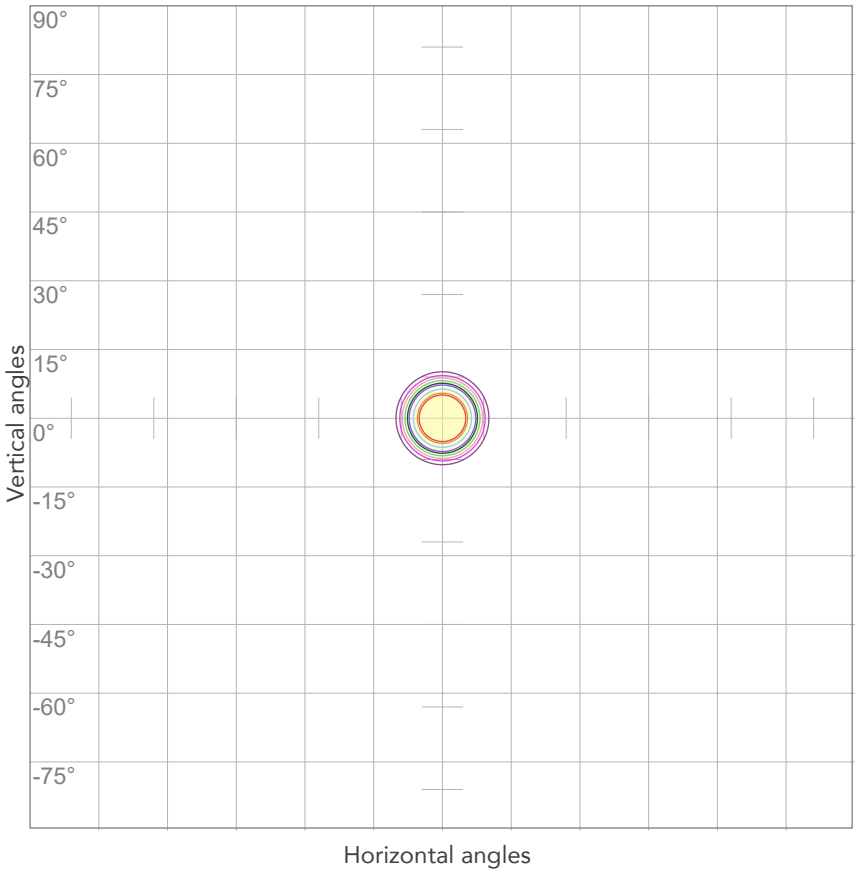
ISO DIAGRAMS

ISO CANDELA DIAGRAM



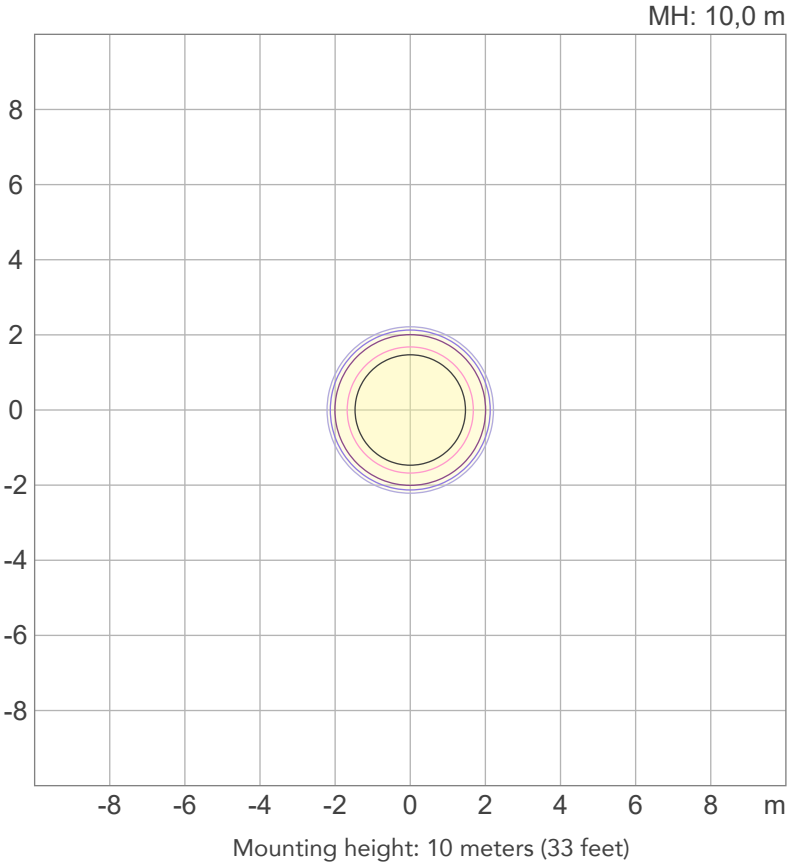
10%	1416 cd
20%	2831 cd
30%	4247 cd
40%	5663 cd
50%	7078 cd
60%	8494 cd
70%	9910 cd
80%	11325 cd

Conditions:

Number of c-planes: 2

Candela at center: 14157 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	4,25 lx
5%	7,08 lx
10%	14,2 lx
30%	42,5 lx
50%	70,8 lx

Conditions:

Number of c-planes: 2

Lux at center: 142 lx

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

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Total lumen output:

1299 lm

Peak candela output:

3920 cd

Light quality:

CRI: 94,1

Color temperature:

4048 K

PRODUCT NAME:

JETPAR7ZIP

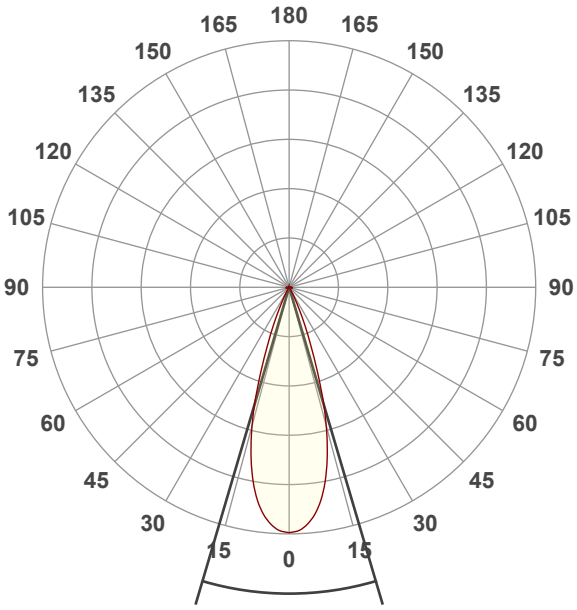
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
4000K

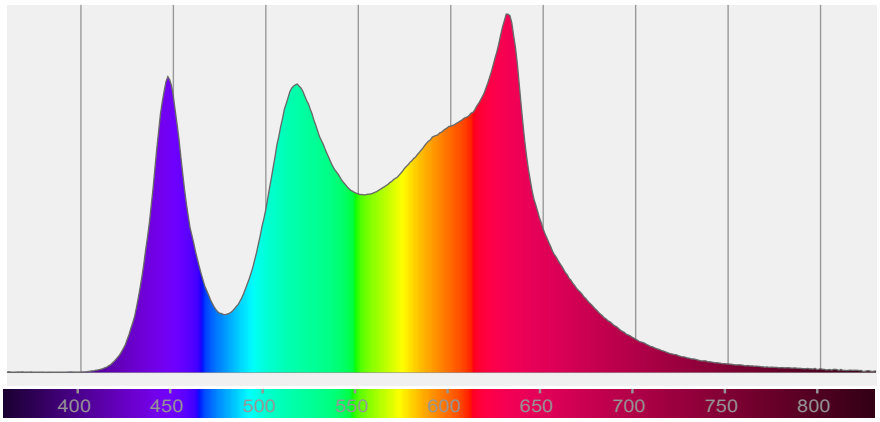
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:50:42



Beam angle 50%: 32,9°
Field angle 10%: 49,1°
Cut off angle 2.5%: 58,3°

Spectra



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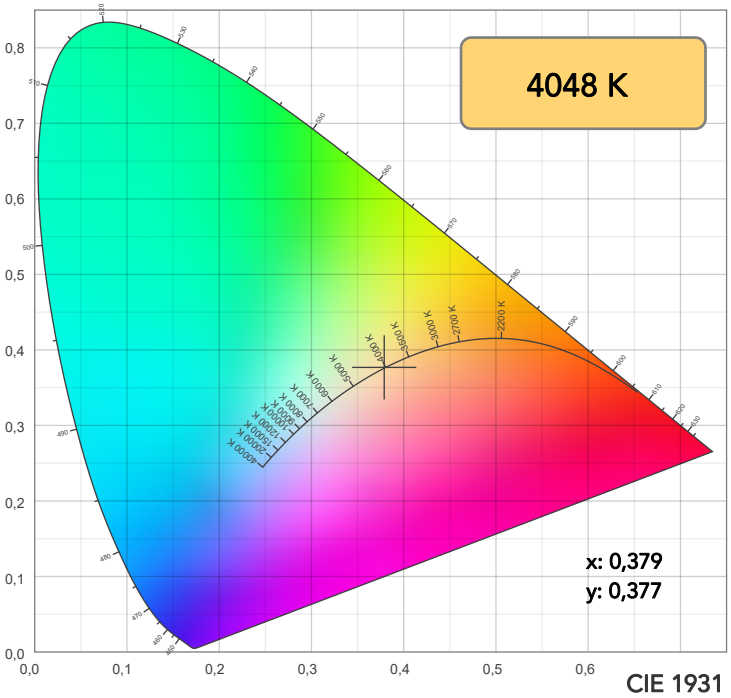
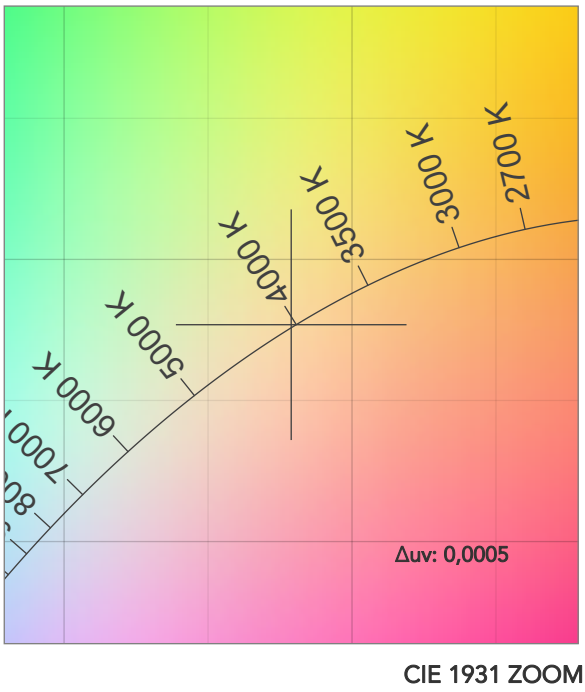
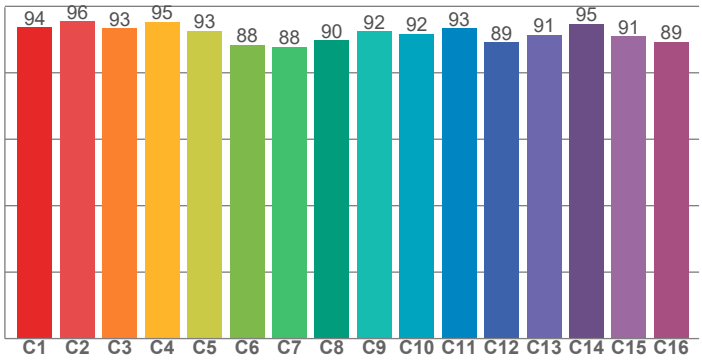
COLOR DETAILS

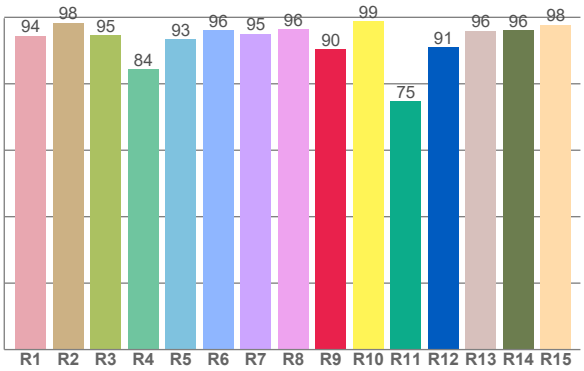




TM30: 92,2



CRI: 94,1 (R1-R8)



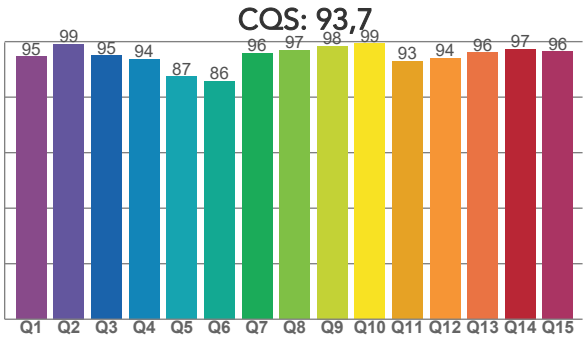
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,4	98,4	94,7	84,5	93,4	96,1	95,0	96,4	90,4	98,8	74,7	91,0	96,0	96,2	97,8

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

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93,7	95,5	93,3	95,4	92,6	88,4	87,9	89,8	92,4	91,7	93,3	89,2	91,4	94,7	91,0	89,2

CQS: 93,7



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,6	99,2	95,0	93,7	87,4	85,9	95,8	96,9	98,5	99,3	92,9	94,1	96,1	97,4	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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4048 K	94,1	90,4	92,2	105,6	93,7	76	0,379	0,377	0,0005

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TM30 DETAILS

PROLiGHTS

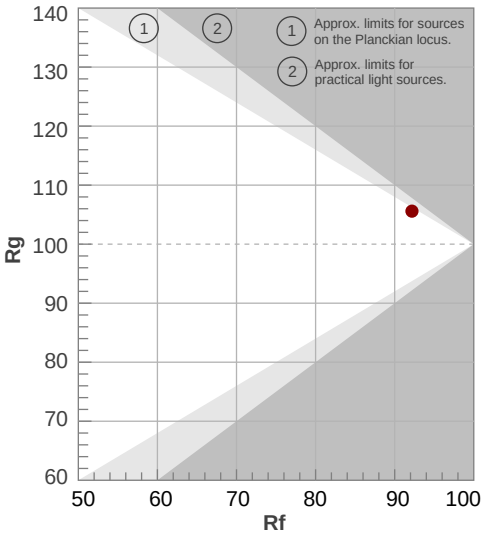
Rf 92,2

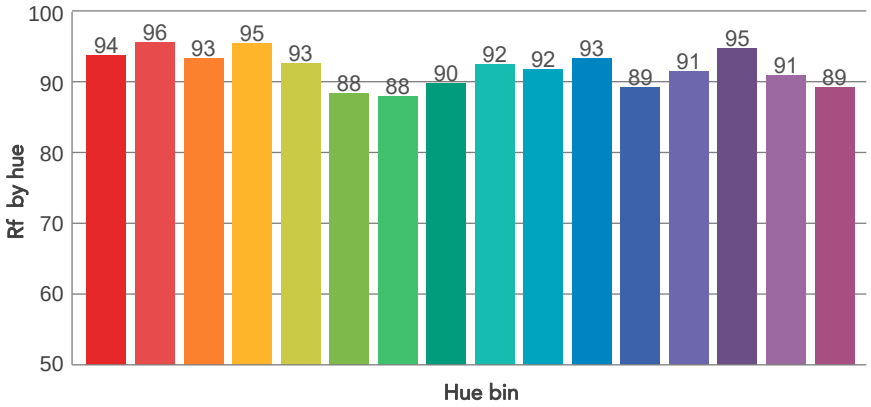
Fidelity index Rf

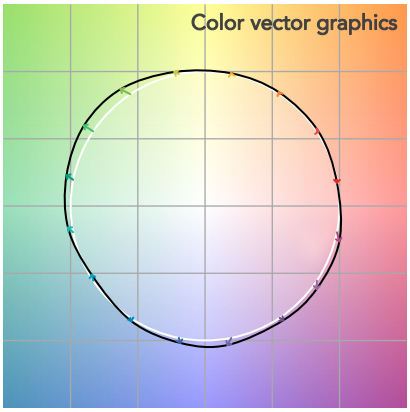
Rg 105,6

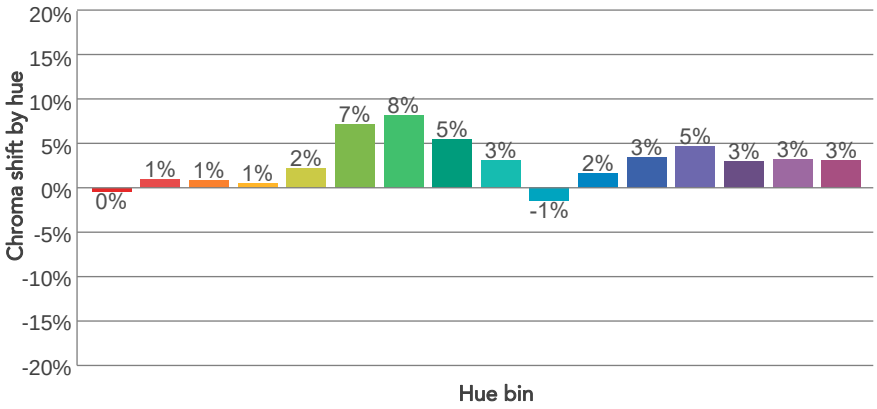
Gammut index

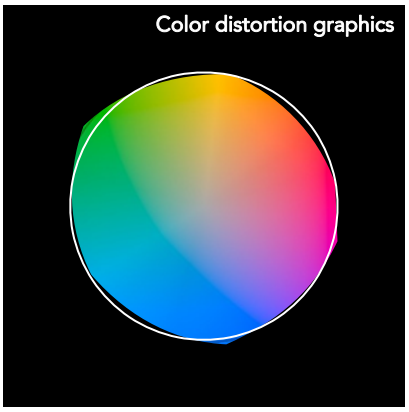
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	0%	-2%
2	96	1%	-1%
3	93	1%	1%
4	95	1%	0%
5	93	2%	3%
6	88	7%	4%
7	88	8%	0%
8	90	5%	-2%
9	92	3%	-4%
10	92	-1%	-4%
11	93	2%	2%
12	89	3%	2%
13	91	5%	-4%
14	95	3%	1%
15	91	3%	-5%
16	89	3%	-6%

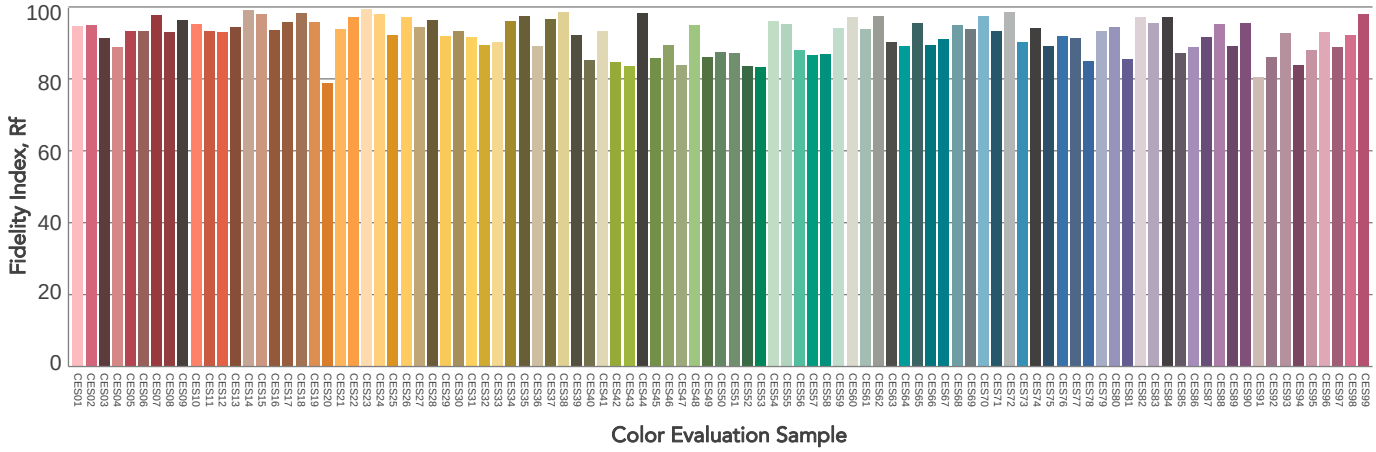












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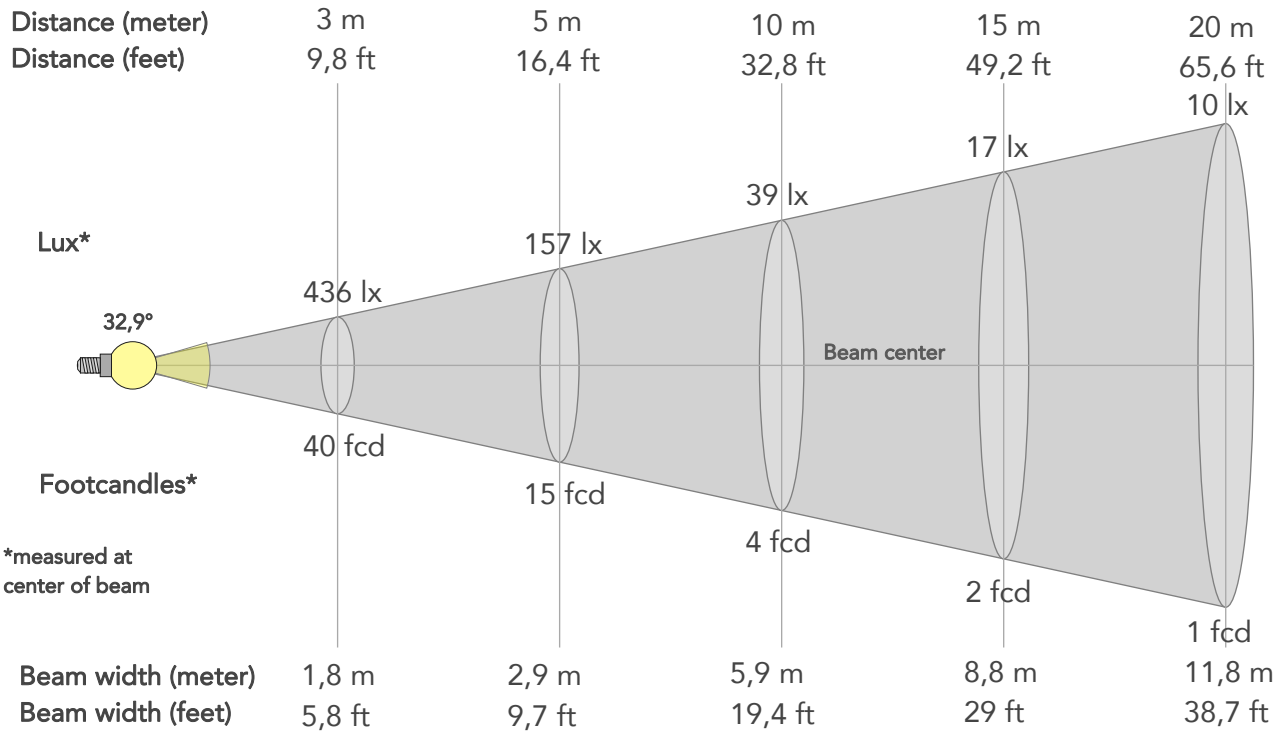
BEAM DETAILS

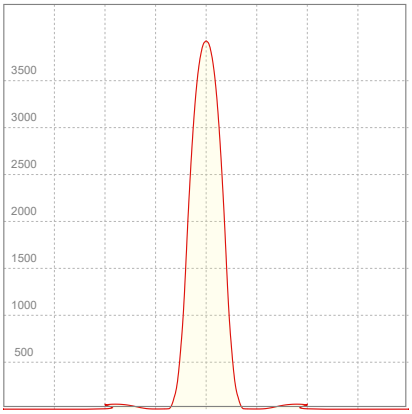
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
32,9°	49,1°	58,3°	88,1%	87,3%



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	3920lx	980lx	436lx	245lx	157lx	70lx	39lx	17lx	10lx	6lx	4lx	2lx	2lx
Footcand.	364fcd	91fcd	40fcd	23fcd	15fcd	6fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,4m	2,9m	4,4m	5,9m	8,8m	11,8m	14,7m	17,7m	23,6m	29,5m
Beam wid.	1,9ft	3,9ft	5,8ft	7,7ft	9,7ft	14,5ft	19,4ft	29ft	38,7ft	48,4ft	58,1ft	77,4ft	96,8ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,323A	63,1W	21lm/W

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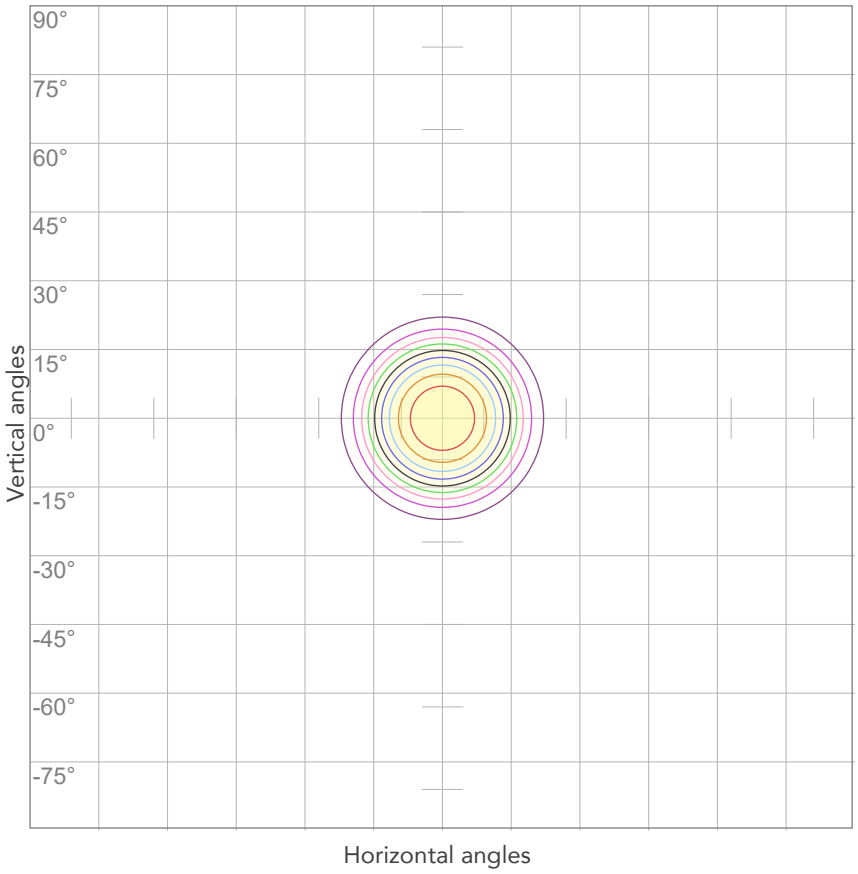
ISO DIAGRAMS

ISO CANDELA DIAGRAM



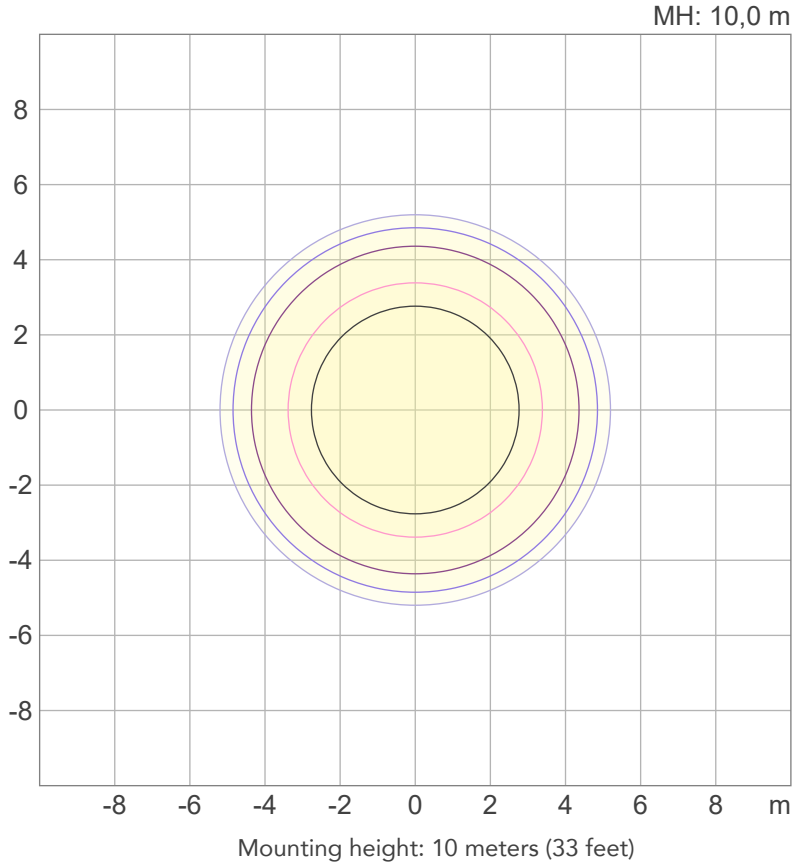
10%	392 cd
20%	784 cd
30%	1176 cd
40%	1568 cd
50%	1960 cd
60%	2352 cd
70%	2744 cd
80%	3136 cd

Conditions:

Number of c-planes: 2

Candela at center: 3920 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,18 lx
5%	1,96 lx
10%	3,92 lx
30%	11,8 lx
50%	19,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 39,2 lx

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

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Total lumen output:

1332 lm

Peak candela output:

4052 cd

Light quality:

CRI: 92,5

Color temperature:

5547 K

PRODUCT NAME:

JETPAR7ZIP

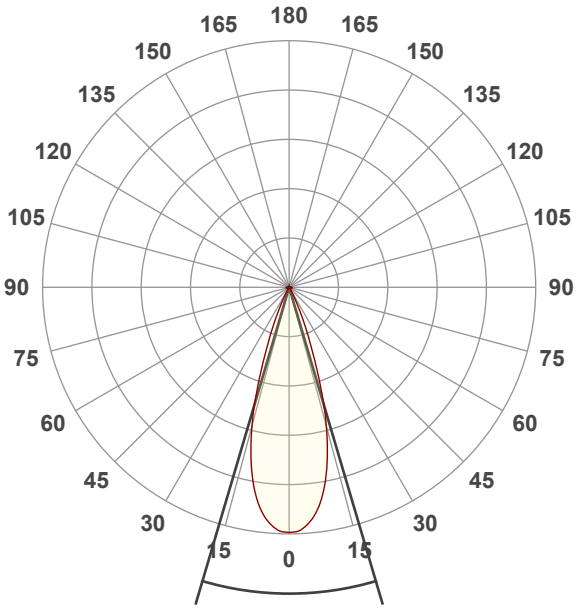
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
5600K

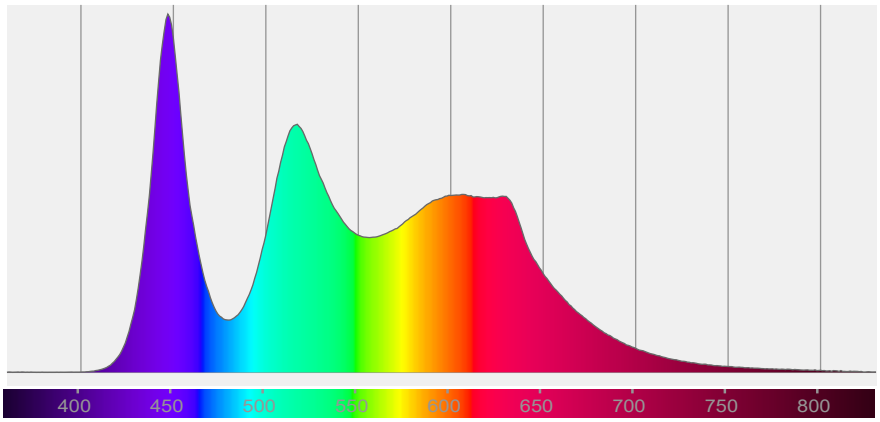
Operator:
Salvatore Giglio

Date and time:
16/01/2023 12:58:48

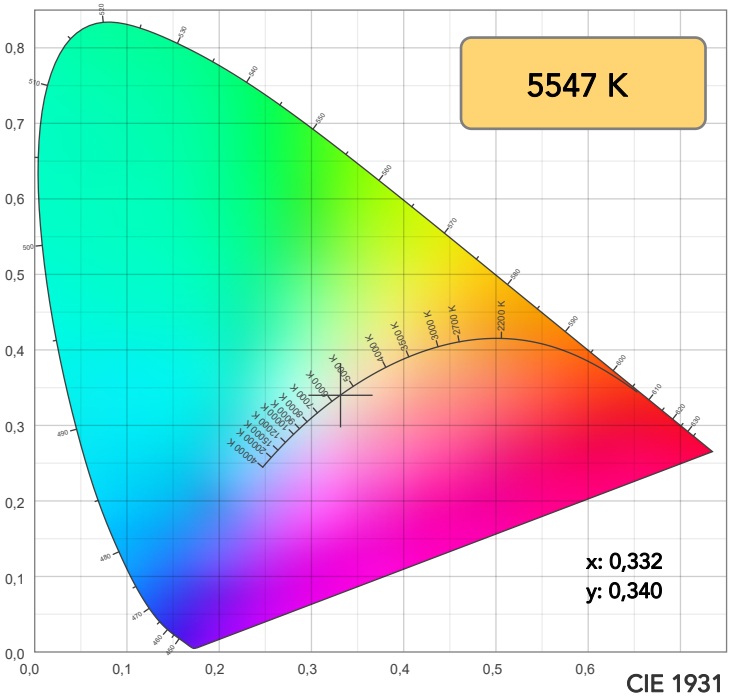


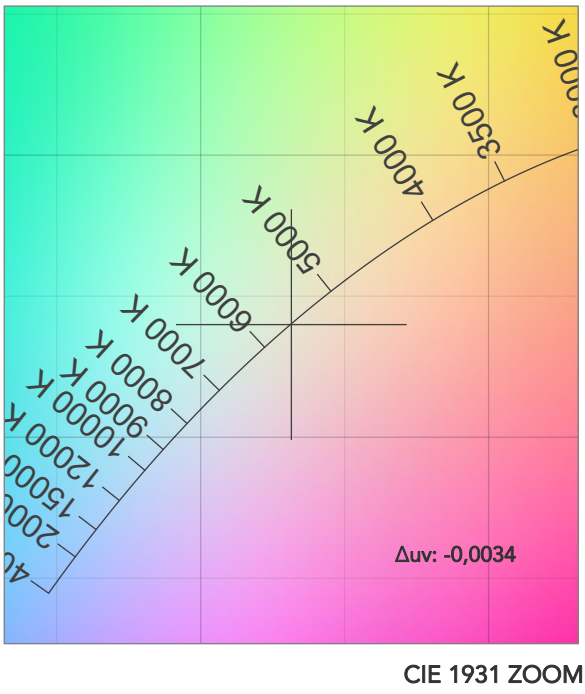
Beam angle 50%: 32,9°
Field angle 10%: 49,2°
Cut off angle 2.5%: 58,2°

Spectra

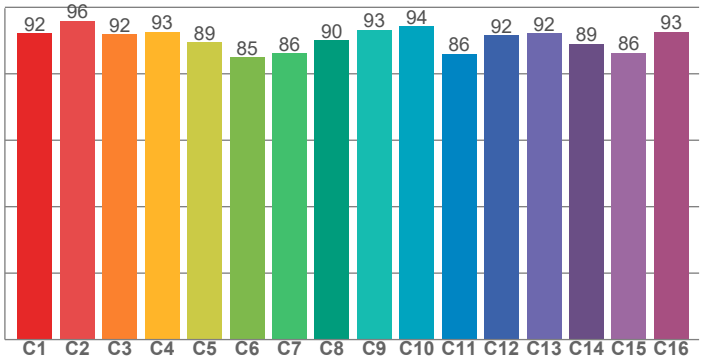


COLOR DETAILS

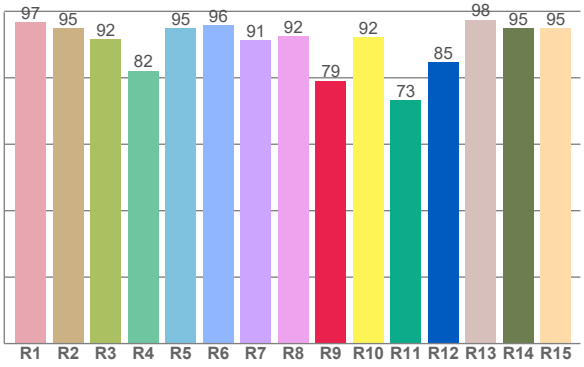




TM30: 90,4



CRI: 92,5 (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
96,6	94,9	91,6	82,2	94,9	95,9	91,2	92,4	79,1	92,2	73,3	84,7	97,5	95,0	95,0

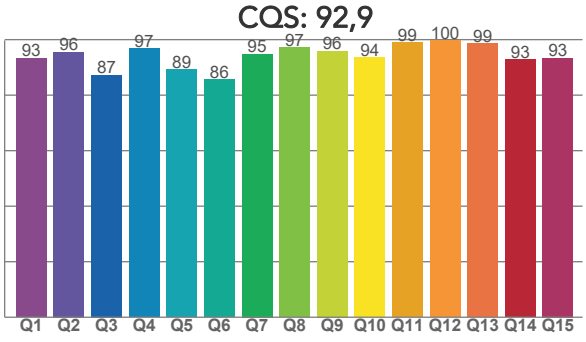
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,2	96,0	91,8	92,7	89,5	85,0	86,2	90,1	93,2	94,3	86,1	91,5	92,1	89,0	86,2	92,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,3	95,5	87,3	96,8	89,2	85,6	94,8	97,2	95,9	93,6	98,9	99,6	98,6	92,8	93,4

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5547 K	92,5	79,1	90,4	106,7	92,9	80	0,332	0,340	-0,0034

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TM30 DETAILS

PROLiGHTS

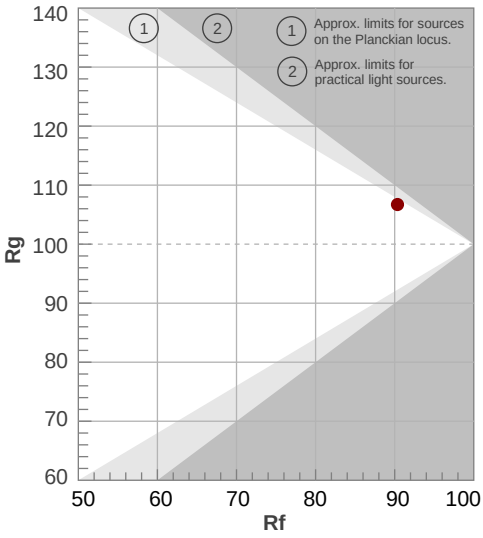
Rf 90,4

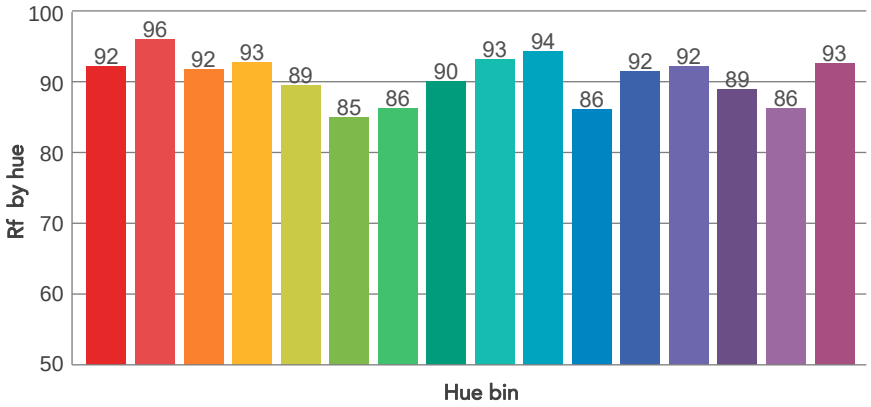
Fidelity index Rf

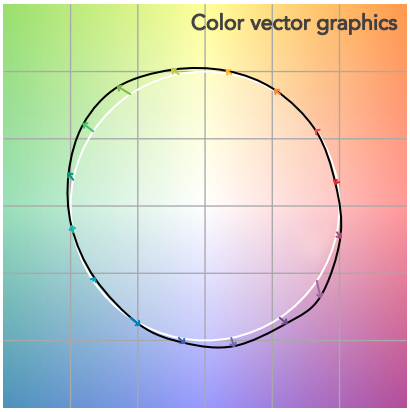
Rg 106,7

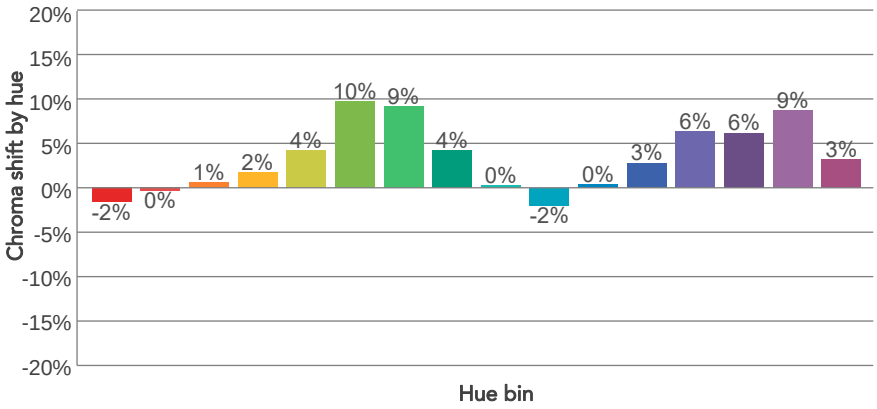
Gammut index

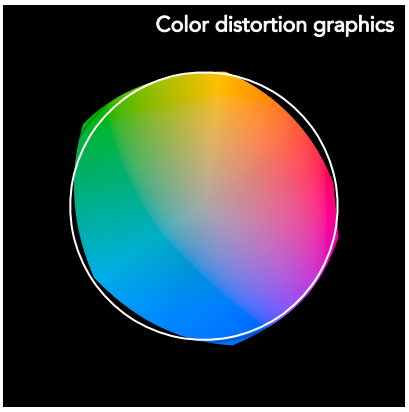
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	92	-2%	-3%
2	96	0%	1%
3	92	1%	5%
4	93	2%	4%
5	89	4%	4%
6	85	10%	5%
7	86	9%	-1%
8	90	4%	-4%
9	93	0%	-5%
10	94	-2%	-1%
11	86	0%	8%
12	92	3%	5%
13	92	6%	1%
14	89	6%	2%
15	86	9%	-9%
16	93	3%	-3%

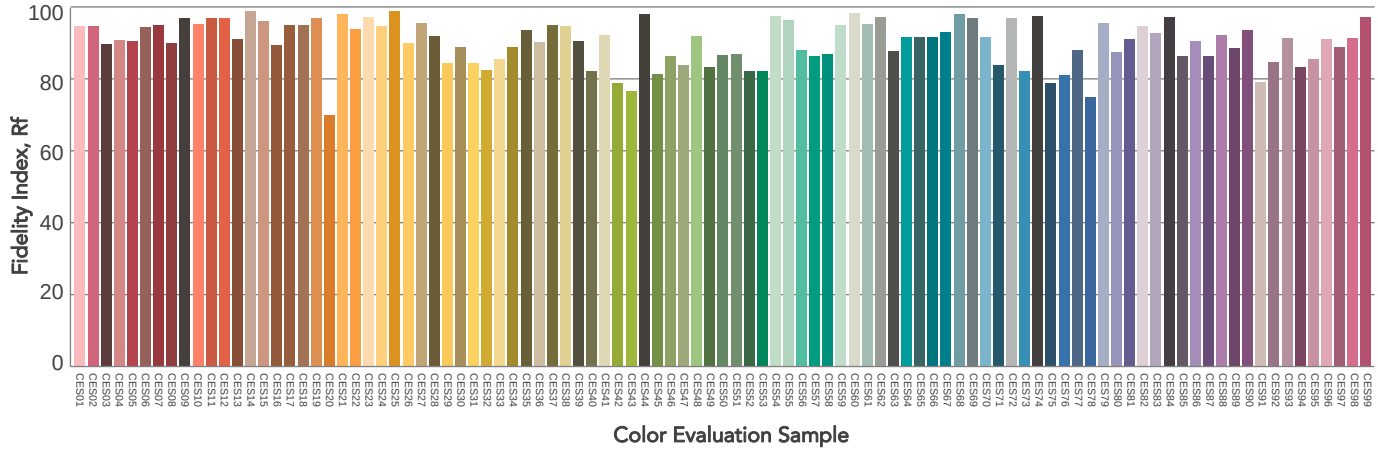












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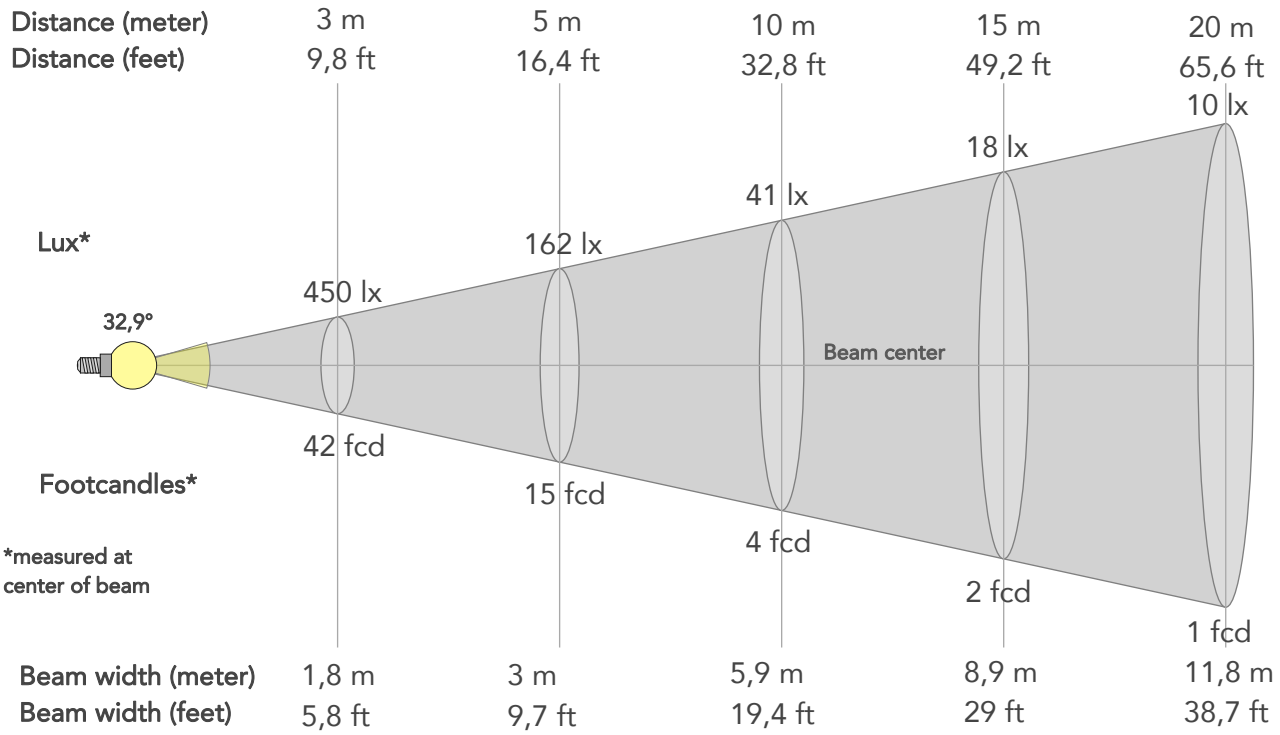
BEAM DETAILS

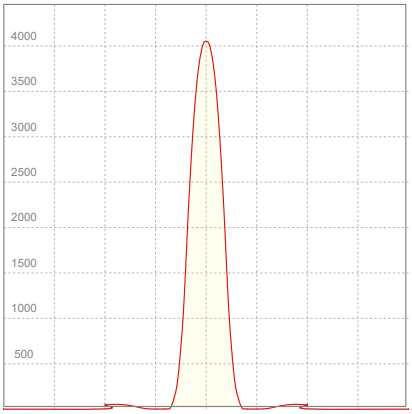
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
32,9°	49,2°	58,2°	88,7%	88,0%



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	4052lx	1013lx	450lx	253lx	162lx	72lx	41lx	18lx	10lx	6lx	5lx	3lx	2lx
Footcand.	376fcd	94fcd	42fcd	24fcd	15fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,4m	3m	4,4m	5,9m	8,9m	11,8m	14,8m	17,7m	23,6m	29,5m
Beam wid.	1,9ft	3,9ft	5,8ft	7,7ft	9,7ft	14,5ft	19,4ft	29ft	38,7ft	48,4ft	58,1ft	77,4ft	96,8ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,338A	66,4W	20lm/W

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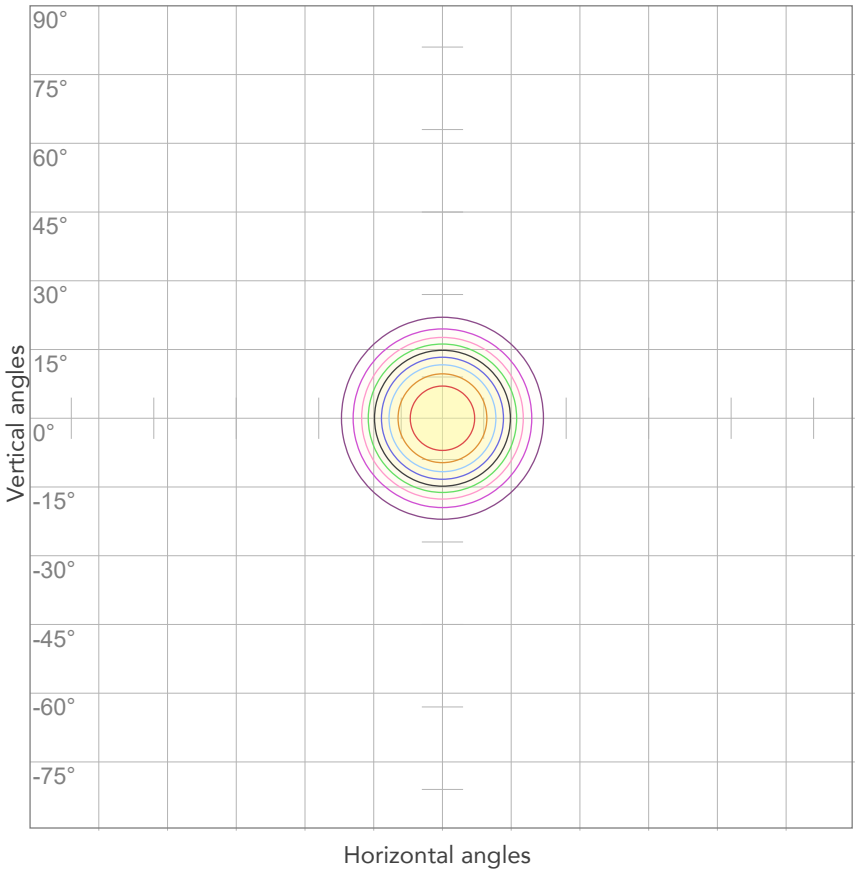
ISO DIAGRAMS

ISO CANDELA DIAGRAM



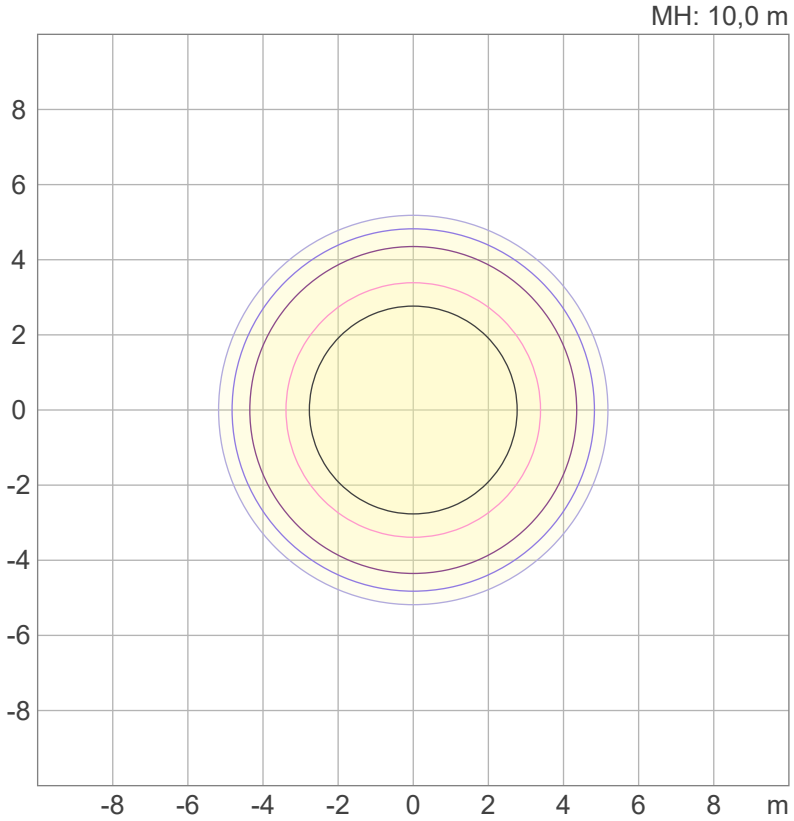
10%	405 cd
20%	810 cd
30%	1216 cd
40%	1621 cd
50%	2026 cd
60%	2431 cd
70%	2836 cd
80%	3242 cd

Conditions:

Number of c-planes: 2

Candela at center: 4052 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,22 lx
5%	2,03 lx
10%	4,05 lx
30%	12,2 lx
50%	20,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 40,5 lx

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

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Total lumen output:

1258 lm

Peak candela output:

14511 cd

Light quality:

CRI: 92,5

Color temperature:

5538 K

PRODUCT NAME:

JETPAR7ZIP

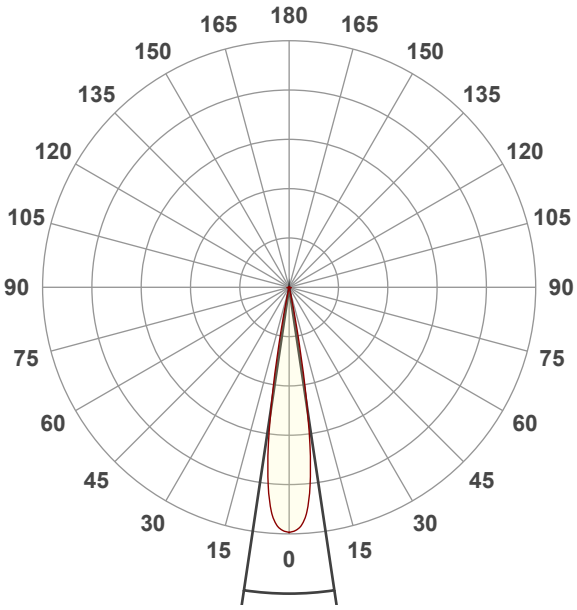
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
5600K

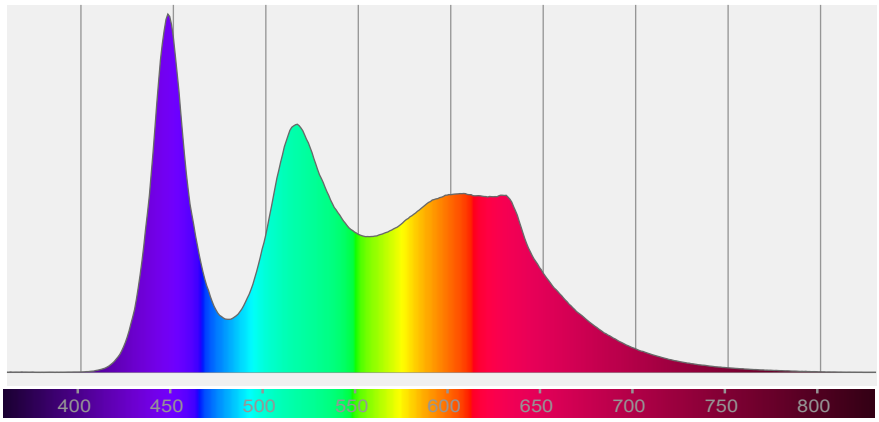
Operator:
Salvatore Giglio

Date and time:
16/01/2023 13:00:10

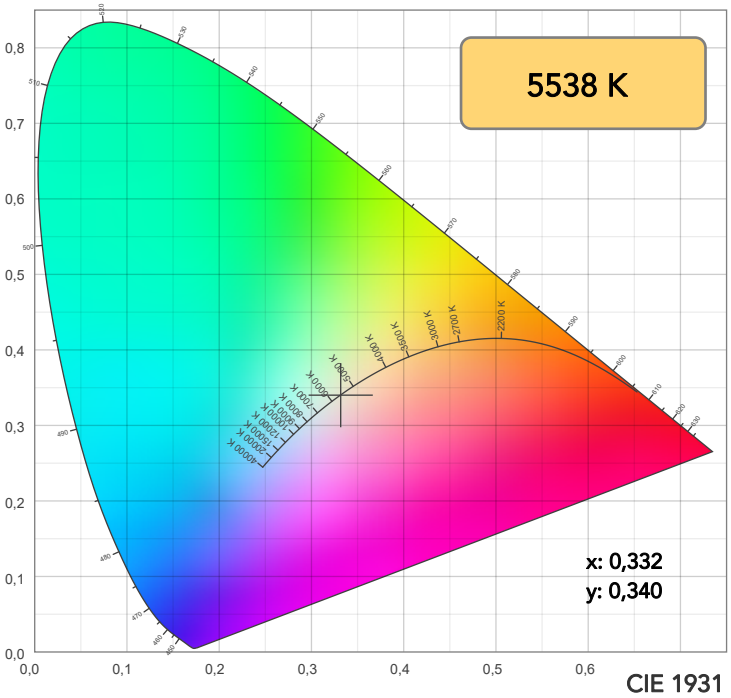


Beam angle 50%: 17°
Field angle 10%: 22,8°
Cut off angle 2.5%: 25,2°

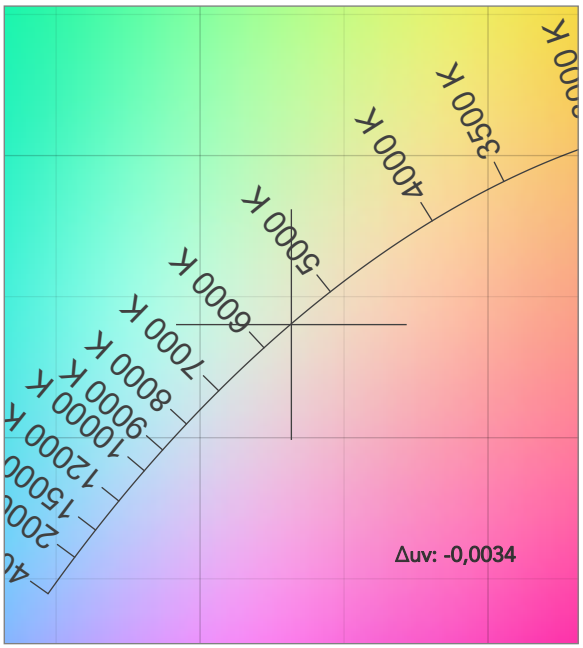
Spectra



COLOR DETAILS

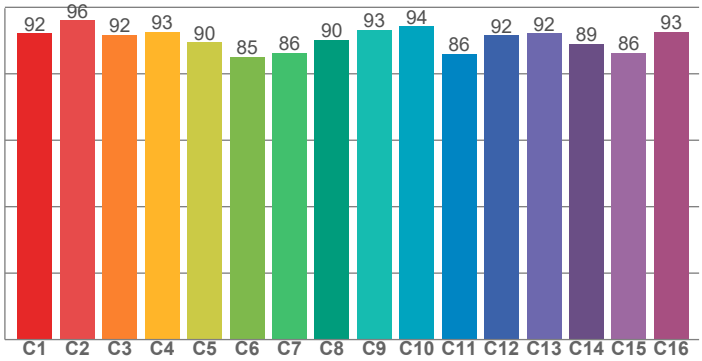


CIE 1931

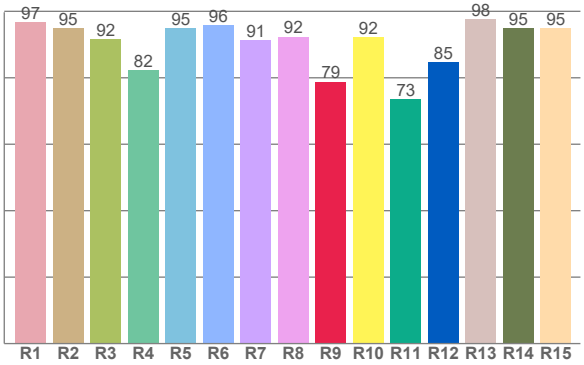


CIE 1931 ZOOM

TM30: 90,4



CRI: 92,5 (R1-R8)



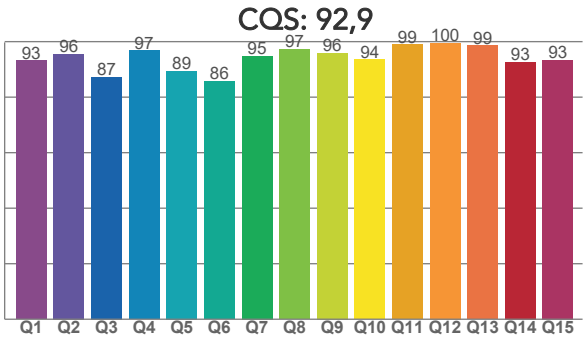
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,7	94,9	91,6	82,3	95,0	95,8	91,3	92,4	78,8	92,1	73,5	84,6	97,5	95,0	95,0

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

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,2	96,0	91,8	92,7	89,5	85,0	86,3	90,2	93,3	94,3	86,1	91,6	92,1	89,0	86,2	92,7

CQS: 92,9



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,2	95,6	87,2	96,8	89,4	85,7	94,8	97,3	95,9	93,6	99,0	99,6	98,6	92,7	93,3

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5538 K	92,5	78,8	90,4	106,7	92,9	80	0,332	0,340	-0,0034

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TM30 DETAILS

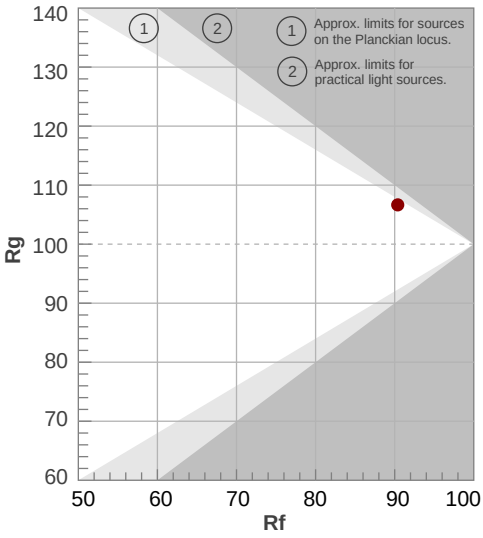
Rf 90,4

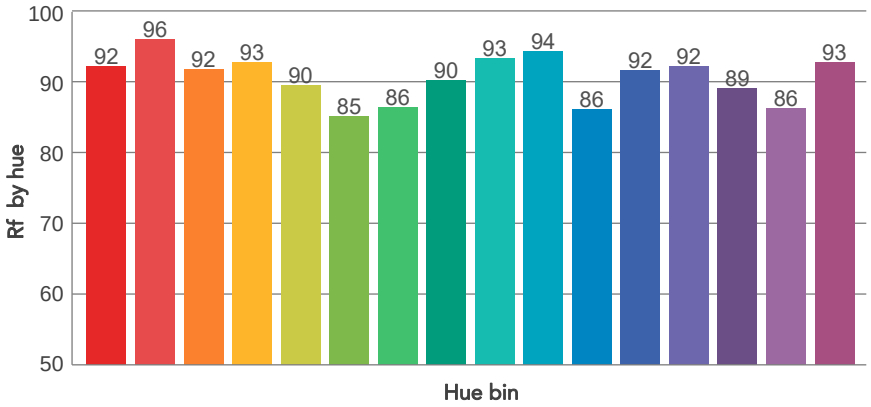
Fidelity index Rf

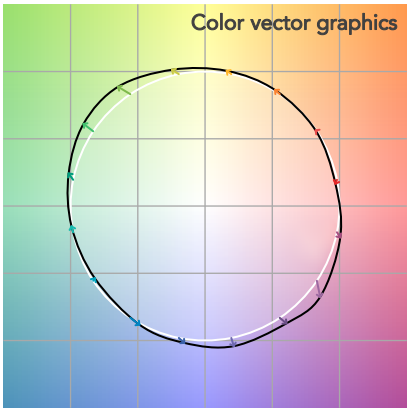
Rg 106,7

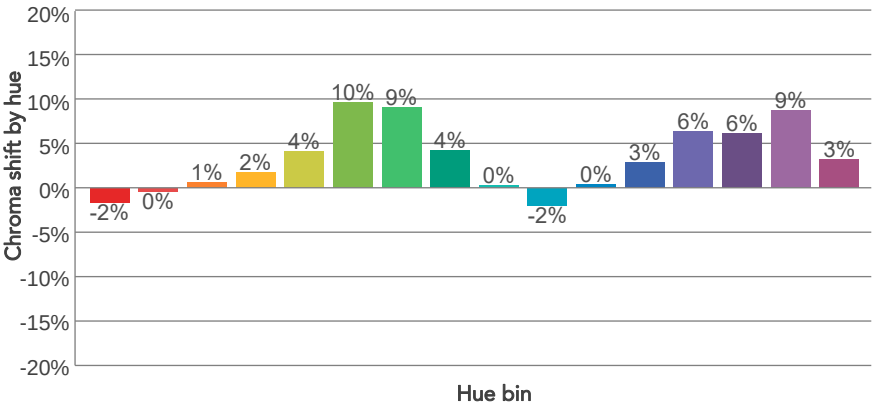
Gammut index

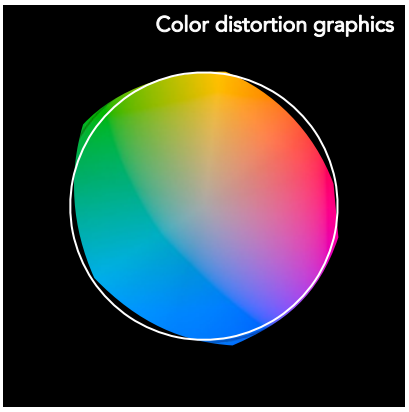
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	92	-2%	-3%
2	96	0%	1%
3	92	1%	5%
4	93	2%	4%
5	90	4%	4%
6	85	10%	4%
7	86	9%	-1%
8	90	4%	-4%
9	93	0%	-4%
10	94	-2%	-1%
11	86	0%	8%
12	92	3%	5%
13	92	6%	1%
14	89	6%	2%
15	86	9%	-9%
16	93	3%	-3%

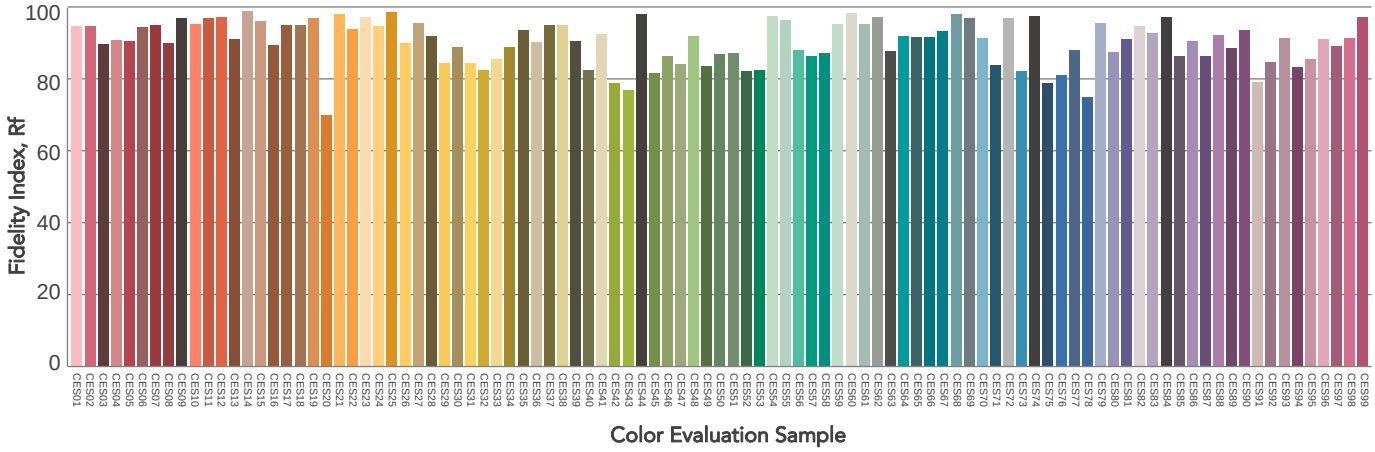












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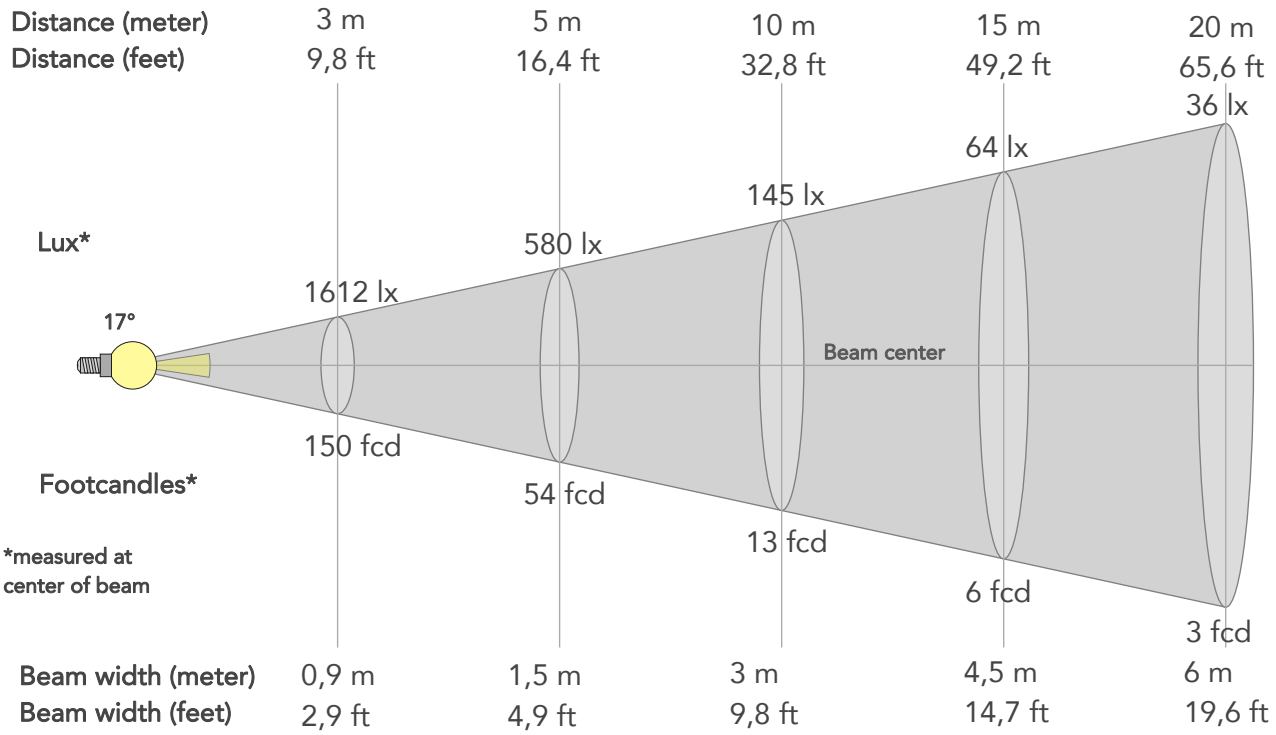
BEAM DETAILS

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
17°	22,8°	25,2°	82,1%	82,1%



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	14511lx	3628lx	1612lx	907lx	580lx	258lx	145lx	64lx	36lx	23lx	16lx	9lx	6lx
Footcand.	1348fcd	337fcd	150fcd	84fcd	54fcd	24fcd	13fcd	6fcd	3fcd	2fcd	1fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	0,9m	1,2m	1,5m	2,2m	3m	4,5m	6m	7,5m	9m	11,9m	14,9m
Beam wid.	1ft	2ft	2,9ft	3,9ft	4,9ft	7,3ft	9,8ft	14,7ft	19,6ft	24,5ft	29,4ft	39,2ft	48,9ft

LINEAR DISTRIBUTION DIAGRAM

ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,337A	66,5W	19lm/W

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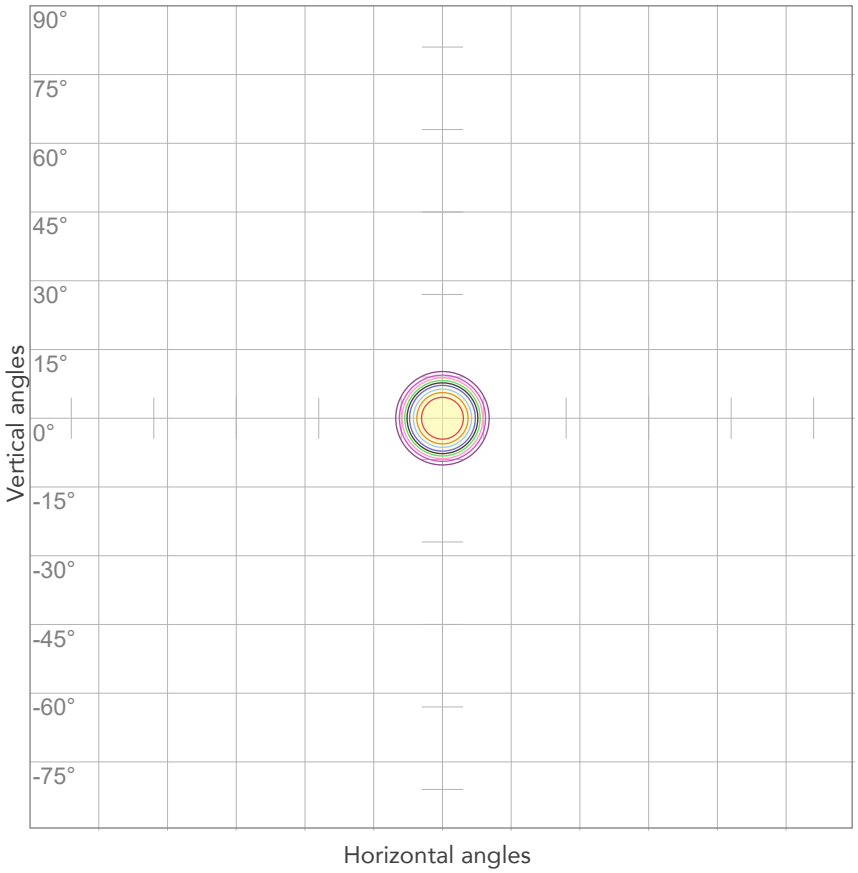
ISO DIAGRAMS

ISO CANDELA DIAGRAM



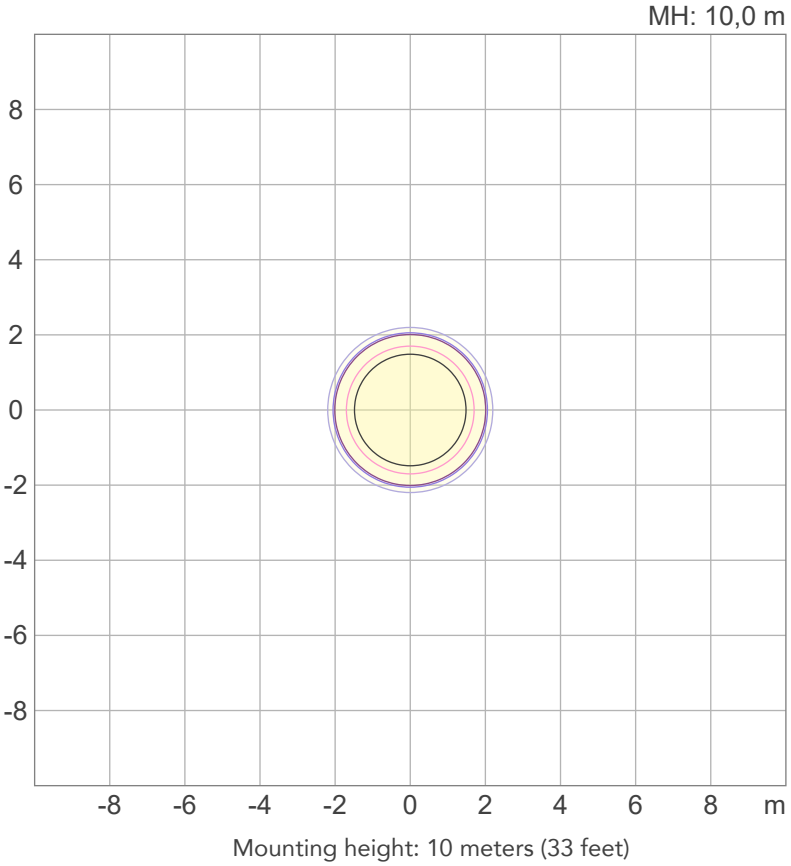
10%	1451 cd
20%	2902 cd
30%	4353 cd
40%	5804 cd
50%	7255 cd
60%	8706 cd
70%	10157 cd
80%	11608 cd

Conditions:

Number of c-planes: 2

Candela at center: 14511 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	4,35 lx
5%	7,26 lx
10%	14,5 lx
30%	43,5 lx
50%	72,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 145 lx

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

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Total lumen output:

718 lm

Peak candela output:

149603 cd

Light quality:

CRI: 92,6

Color temperature:

5413 K

PRODUCT NAME:

JETPAR7ZIP

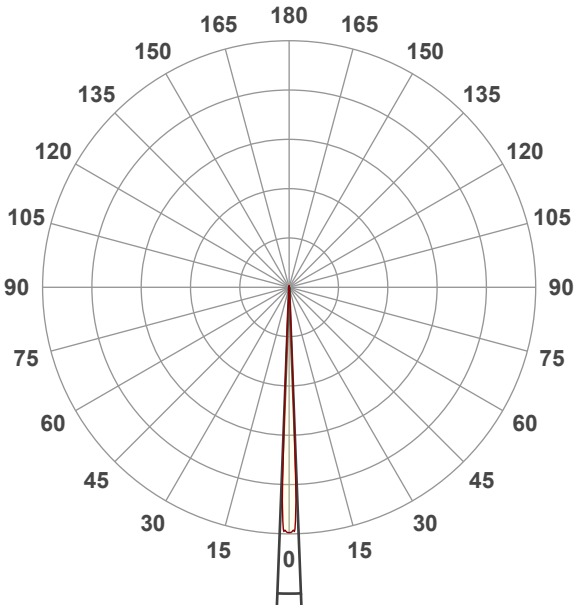
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
5600K

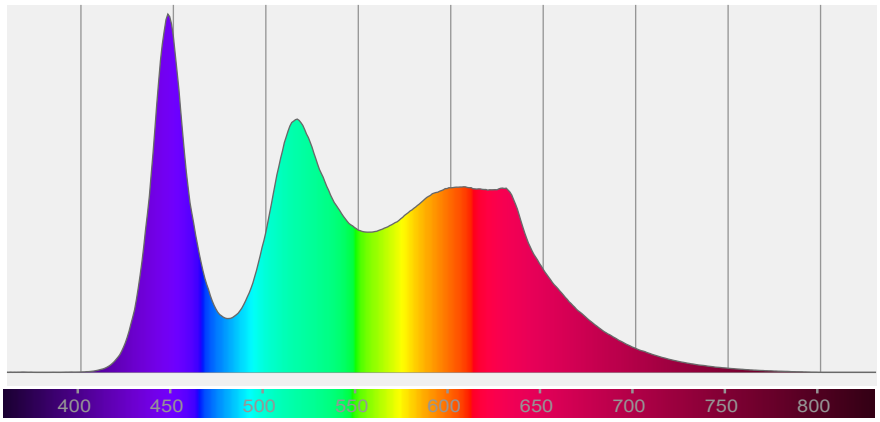
Operator:
Salvatore Giglio

Date and time:
16/01/2023 13:01:20

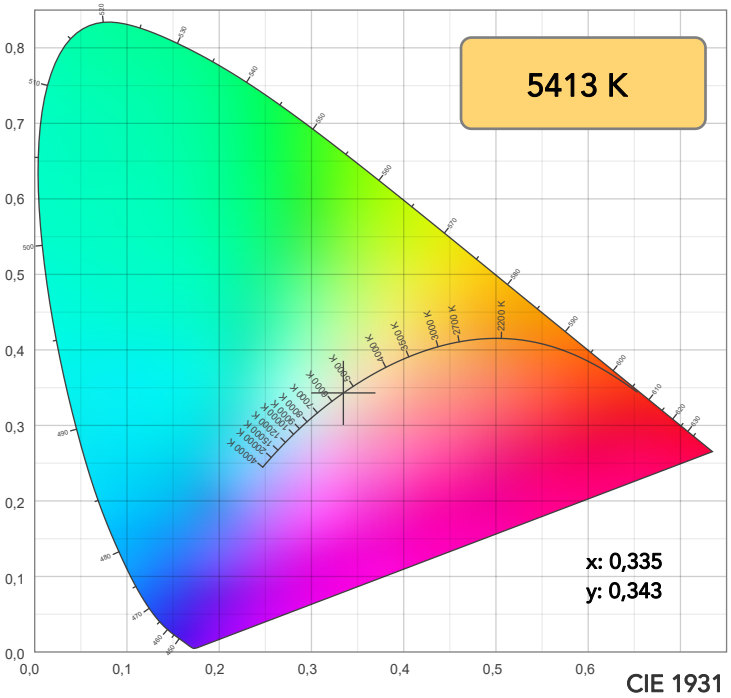


Beam angle 50%: 4,4°
Field angle 10%: 5,5°
Cut off angle 2.5%: 5,9°

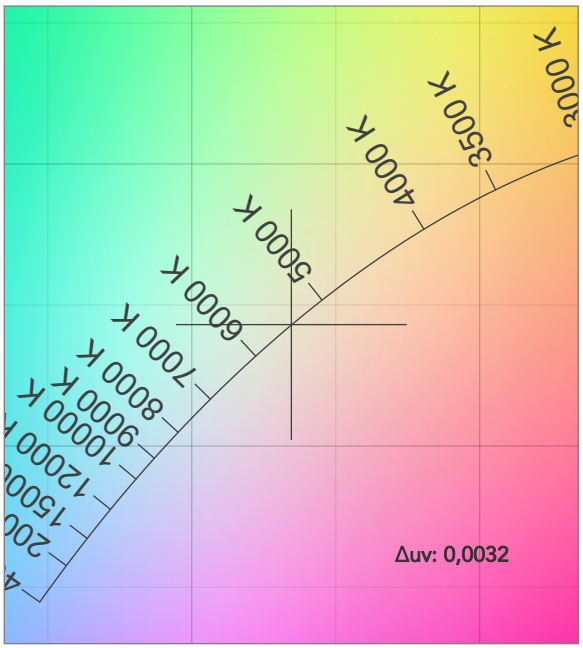
Spectra



COLOR DETAILS

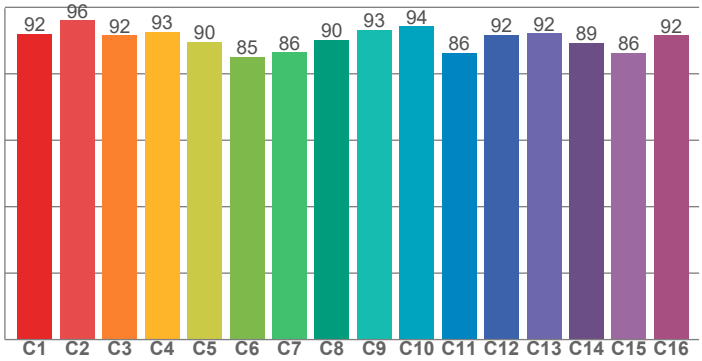


CIE 1931

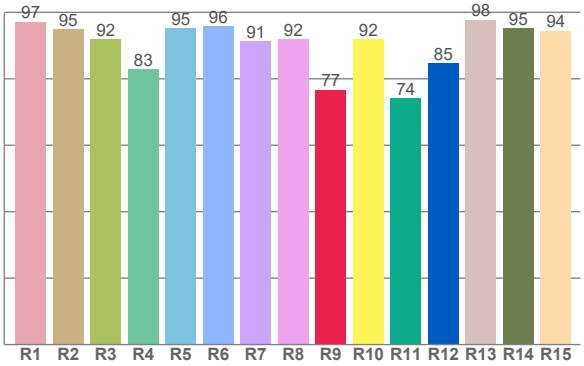


CIE 1931 ZOOM

TM30: 90,4



CRI: 92,6 (R1-R8)



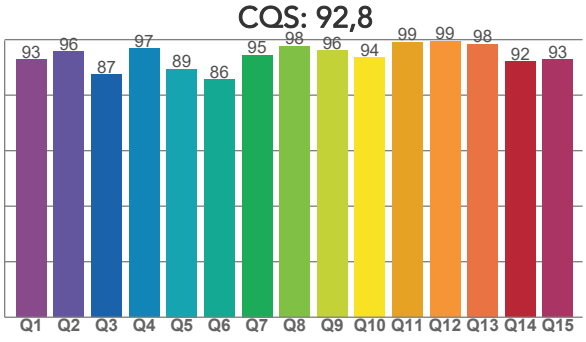
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,2	94,8	91,9	82,9	95,3	95,9	91,4	91,9	76,7	91,9	74,2	84,7	97,8	95,2	94,5

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
91,9	96,1	91,6	92,6	89,5	85,2	86,4	90,2	93,3	94,2	86,3	91,8	92,1	89,3	86,4	91,5

CQS: 92,8



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92,8	95,8	87,3	96,7	89,5	85,6	94,5	97,6	96,1	93,6	99,1	99,4	98,4	92,1	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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5413 K	92,6	76,7	90,4	106,5	92,8	80	0,335	0,343	0,0032

TM30 DETAILS

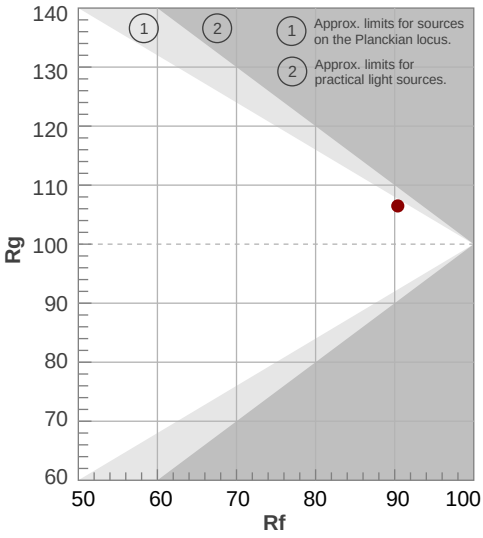
Rf 90,4

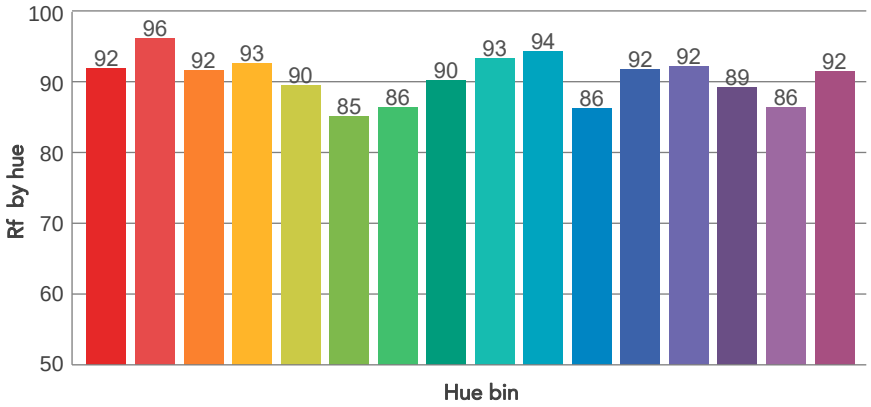
Fidelity index Rf

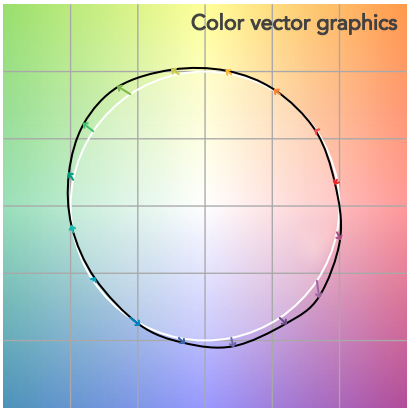
Rg 106,5

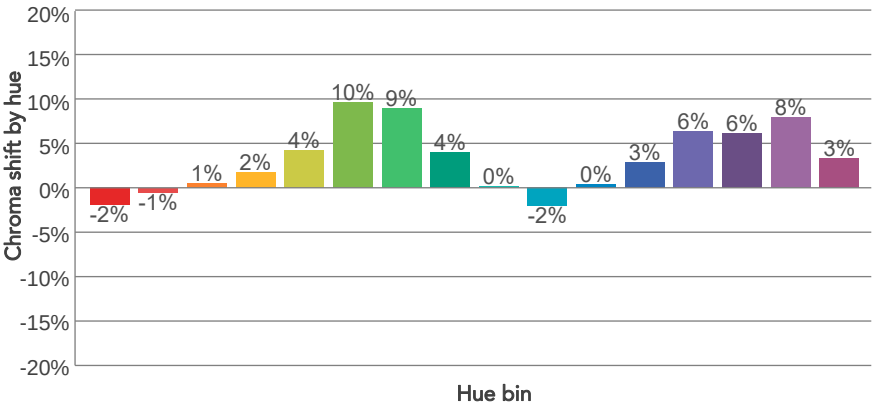
Gammut index

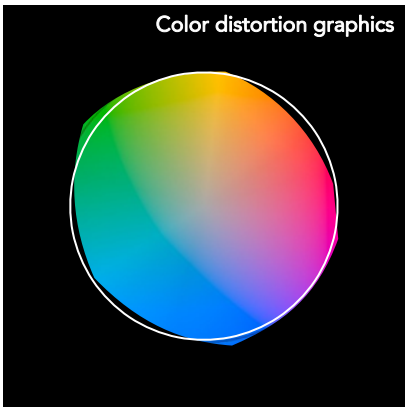
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	92	-2%	-3%
2	96	-1%	1%
3	92	1%	5%
4	93	2%	4%
5	90	4%	4%
6	85	10%	4%
7	86	9%	-1%
8	90	4%	-4%
9	93	0%	-5%
10	94	-2%	-1%
11	86	0%	8%
12	92	3%	4%
13	92	6%	0%
14	89	6%	1%
15	86	8%	-9%
16	92	3%	-4%

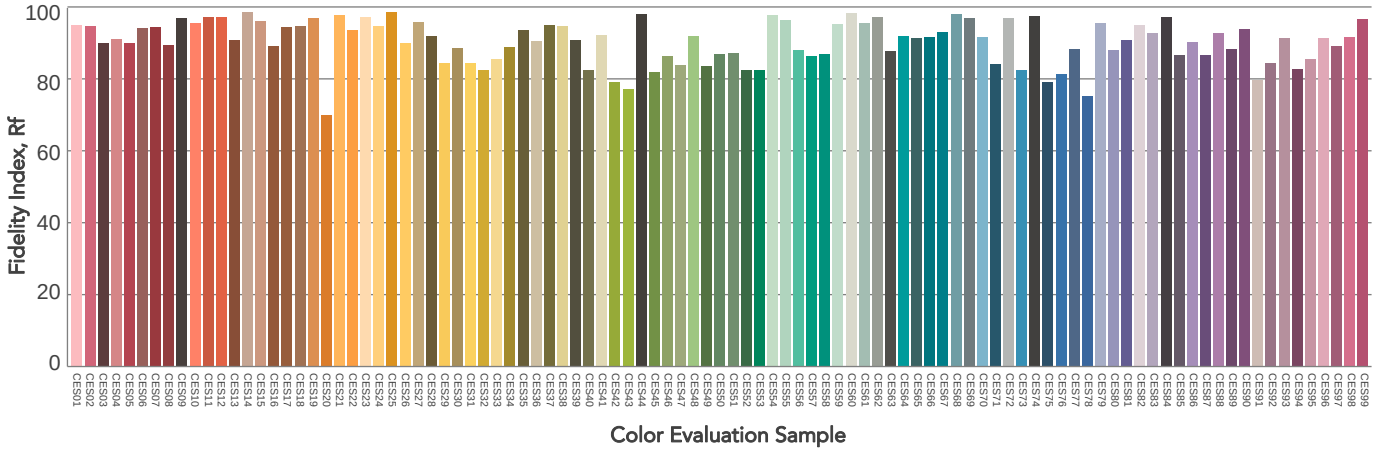












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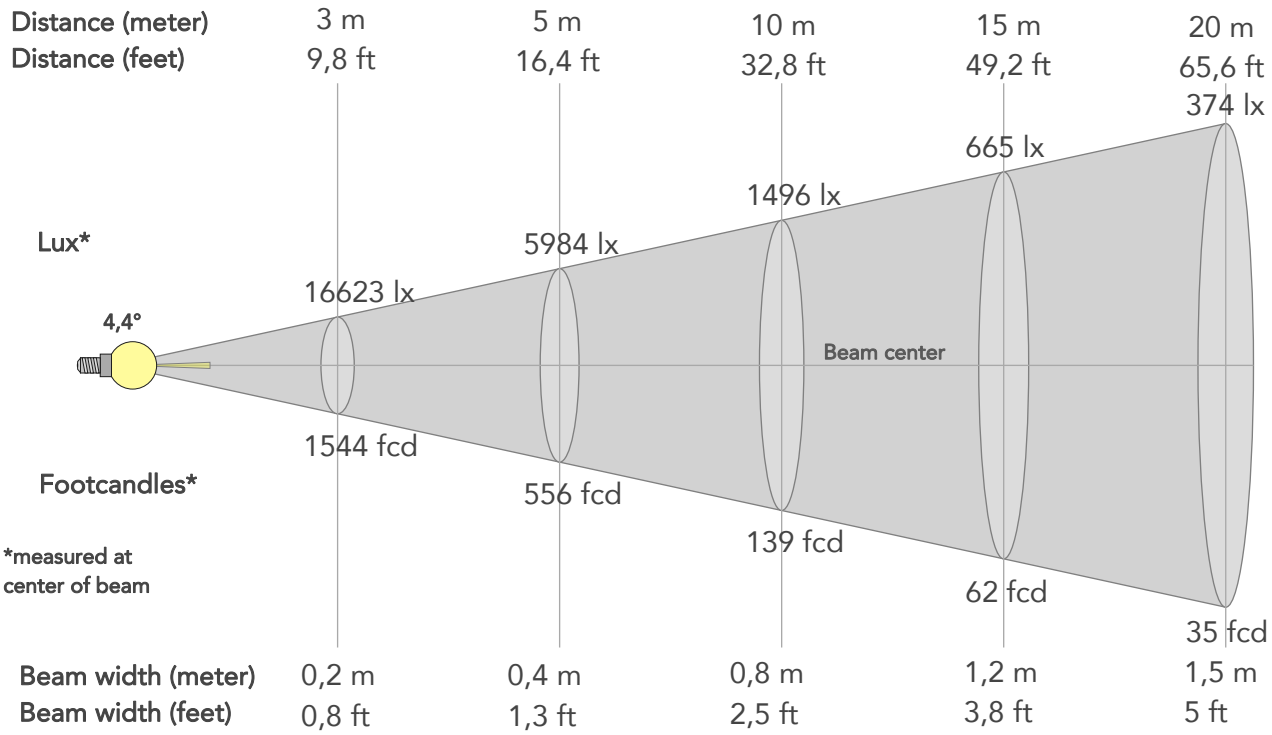
BEAM DETAILS

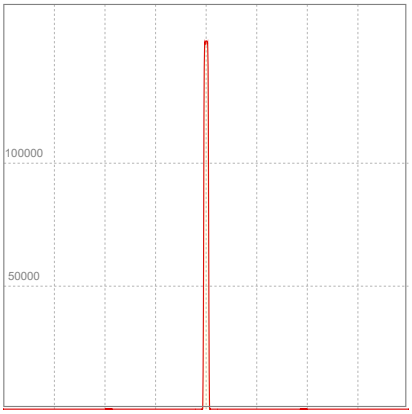
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,4°	5,5°	5,9°	100,0%	100,0%



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	149603lx	37401lx	16623lx	9350lx	5984lx	2660lx	1496lx	665lx	374lx	239lx	166lx	94lx	60lx
Footcand.	13899fcd	3475fcd	1544fcd	869fcd	556fcd	247fcd	139fcd	62fcd	35fcd	22fcd	15fcd	9fcd	6fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,2m	1,5m	1,9m	2,3m	3,1m	3,8m
Beam wid.	0,3ft	0,5ft	0,8ft	1ft	1,3ft	1,9ft	2,5ft	3,8ft	5ft	6,3ft	7,6ft	10,1ft	12,6ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,337A	66,4W	11lm/W

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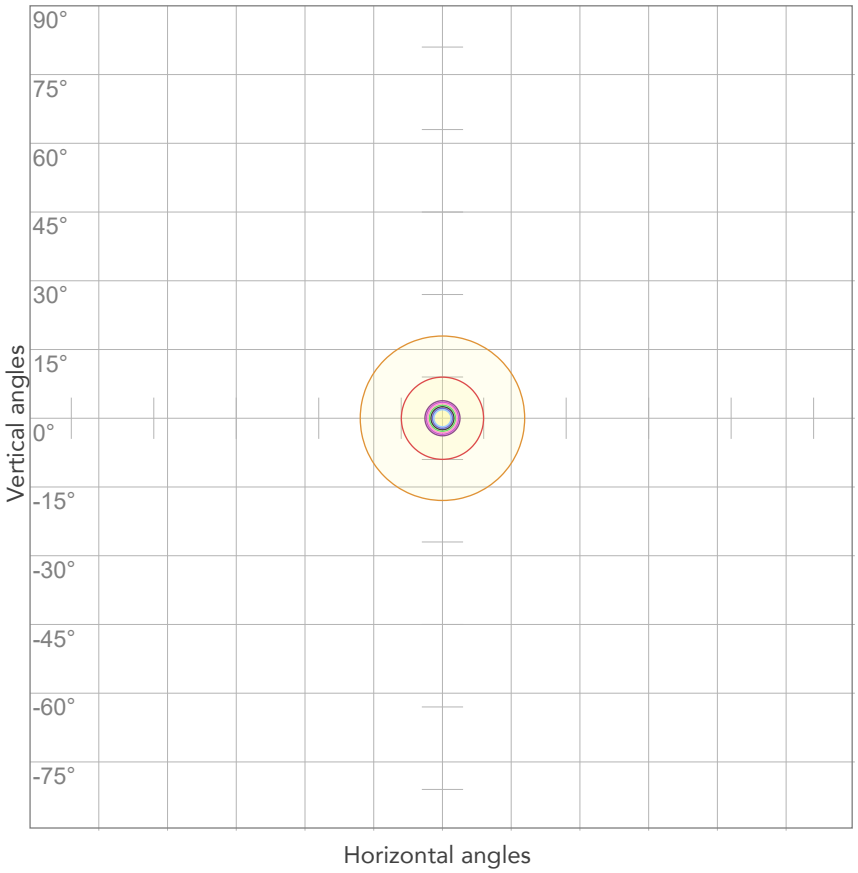
ISO DIAGRAMS

ISO CANDELA DIAGRAM



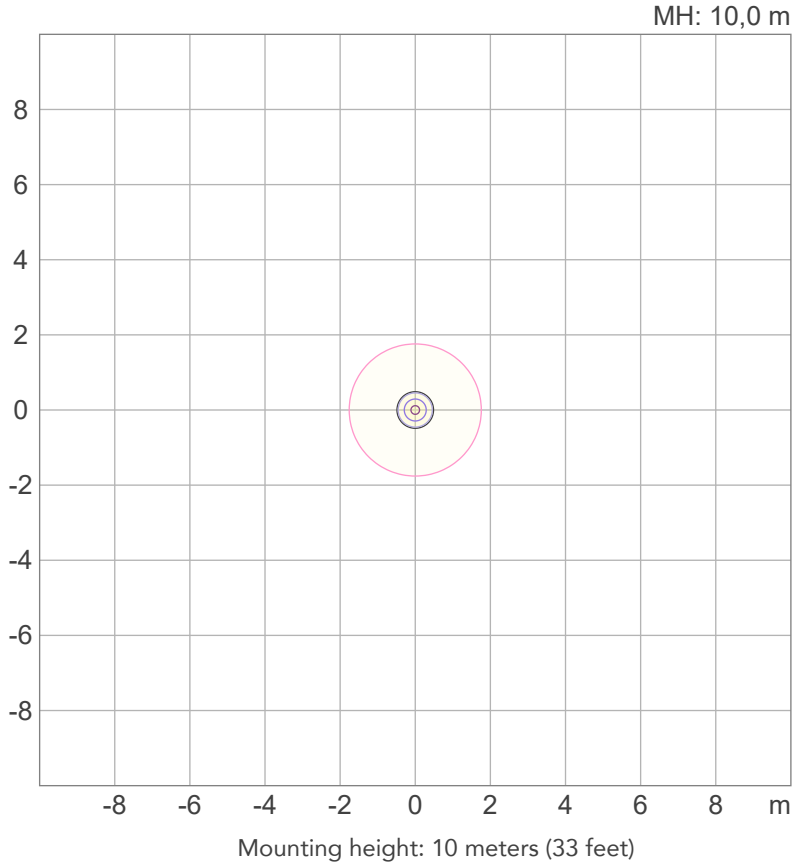
10%	14960 cd
20%	29921 cd
30%	44881 cd
40%	59841 cd
50%	74802 cd
60%	89762 cd
70%	104722 cd
80%	119683 cd

Conditions:

Number of c-planes: 2

Candela at center: 149603 cd

ISO LUX DIAGRAM



3%	44,9 lx
5%	74,8 lx
10%	150 lx
30%	449 lx
50%	748 lx

Conditions:

Number of c-planes: 2

Lux at center: 1496 lx

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

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Total lumen output:

1368 lm

Peak candela output:

4106 cd

Light quality:

CRI: 92,1

Color temperature:

6174 K

PRODUCT NAME:

JETPAR7ZIP

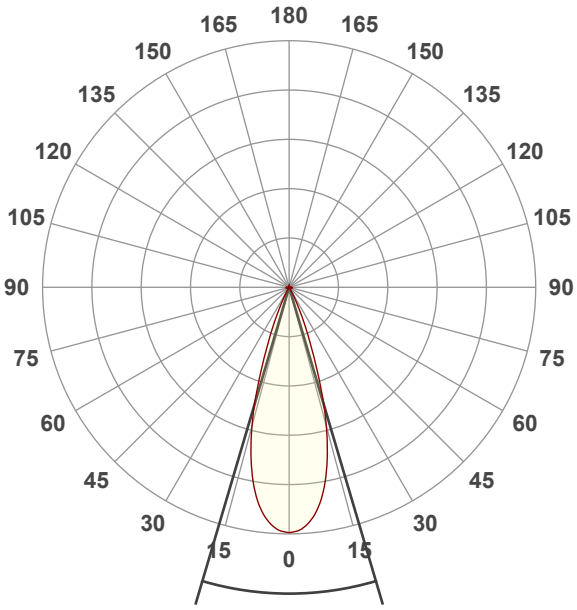
MEASURAMENT CONDITIONS:

Beam angle:
Max Zoom

Target:
6000K

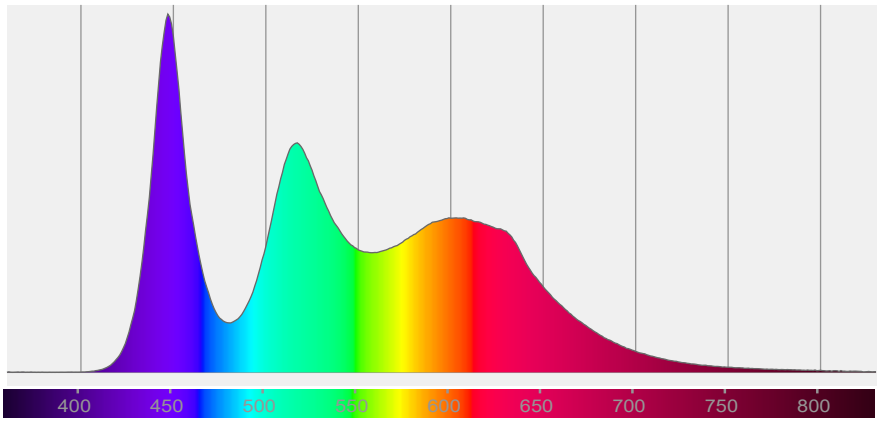
Operator:
Salvatore Giglio

Date and time:
16/01/2023 13:08:18



Beam angle 50%: 32,9°
Field angle 10%: 49,2°
Cut off angle 2.5%: 58,4°

Spectra



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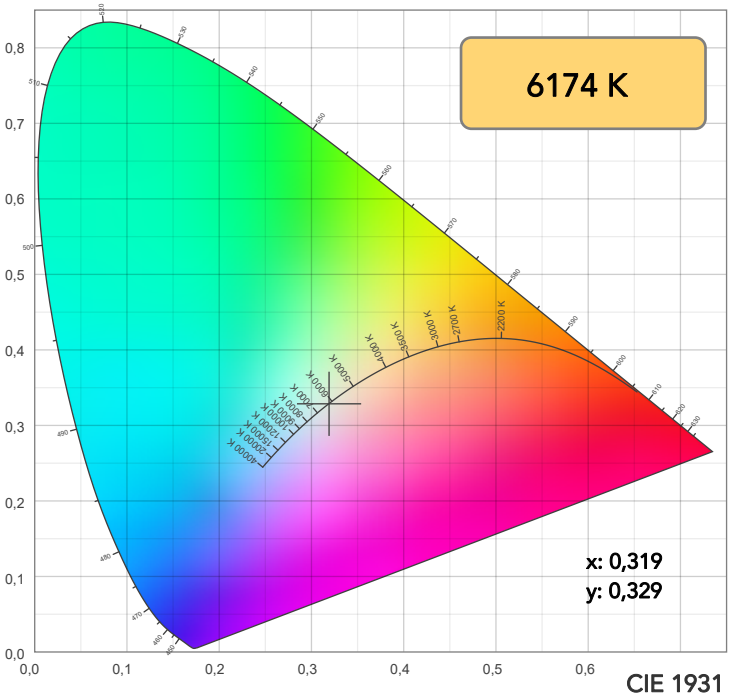
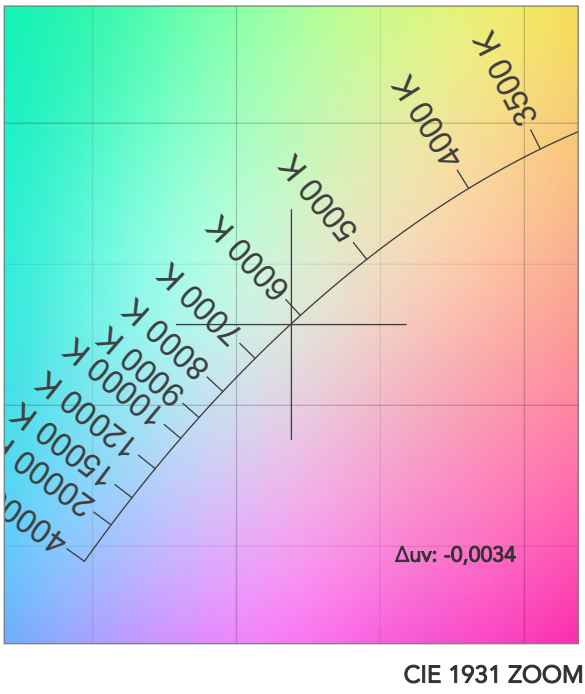
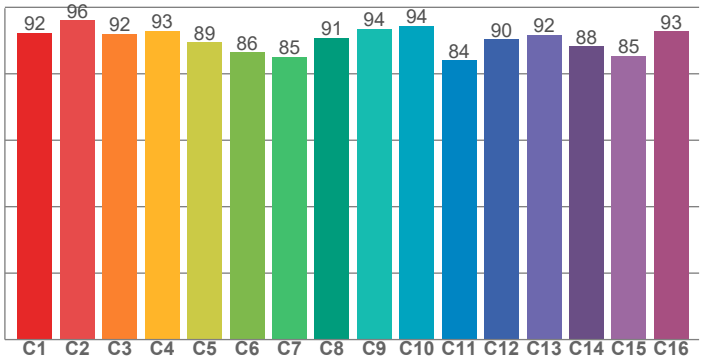
COLOR DETAILS

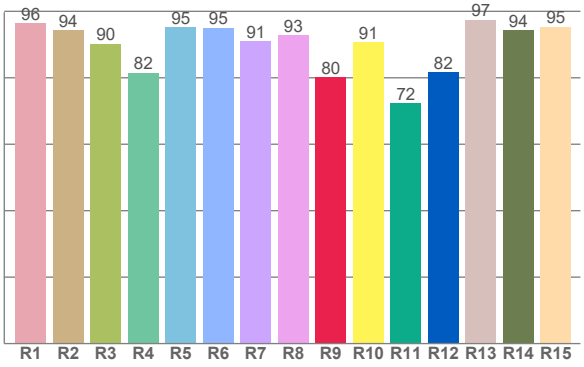




TM30: 90,2



CRI: 92,1 (R1-R8)



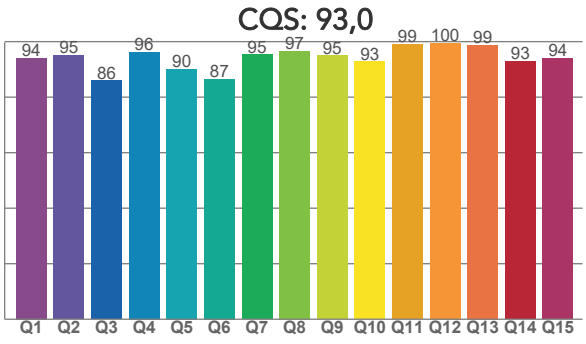
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,5	94,3	90,3	81,5	95,2	95,0	91,0	92,7	80,1	90,6	72,4	81,6	97,5	94,3	95,4

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
92,4	96,0	92,0	92,9	89,4	86,4	85,0	90,8	93,5	94,3	84,1	90,3	91,7	88,3	85,3	92,7

CQS: 93,0



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,1	95,1	86,0	96,3	90,2	86,6	95,4	96,6	95,0	92,9	99,0	99,6	98,8	92,9	94,0

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6174 K	92,1	80,1	90,2	106,7	93,0	81	0,319	0,329	-0,0034

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TM30 DETAILS

PROLiGHTS

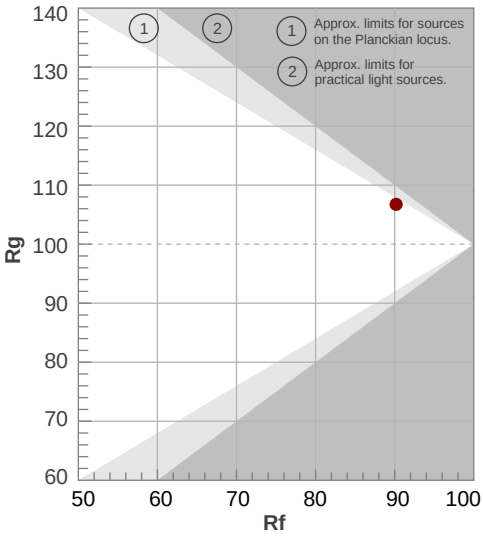
Rf 90,2

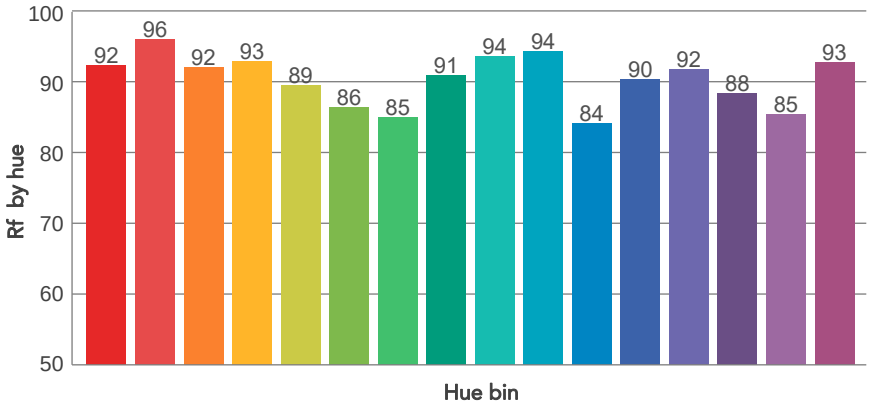
Fidelity index Rf

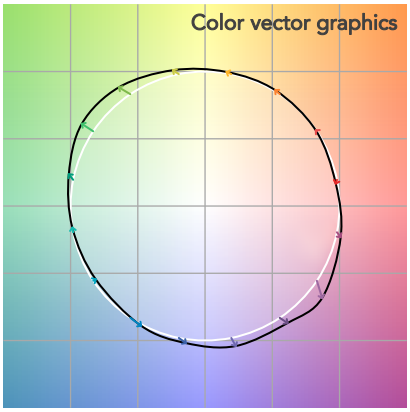
Rg 106,7

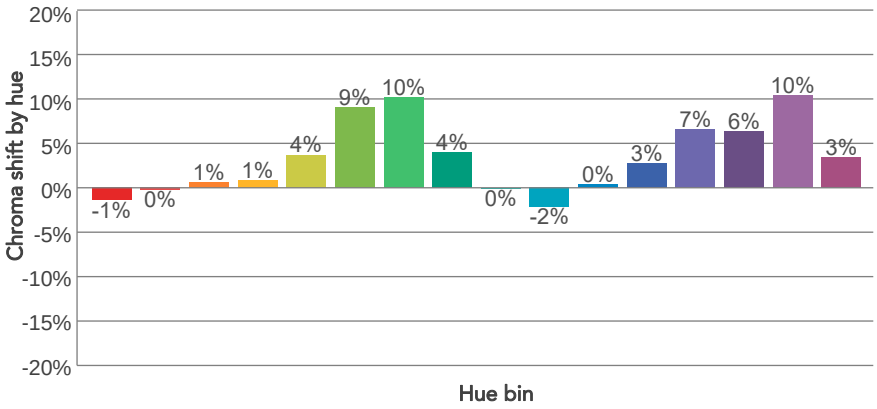
Gammut index

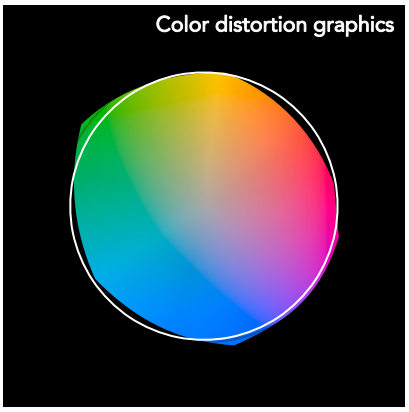
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	92	-1%	-3%
2	96	0%	1%
3	92	1%	4%
4	93	1%	4%
5	89	4%	4%
6	86	9%	4%
7	85	10%	0%
8	91	4%	-3%
9	94	0%	-3%
10	94	-2%	0%
11	84	0%	10%
12	90	3%	6%
13	92	7%	2%
14	88	6%	3%
15	85	10%	-8%
16	93	3%	-3%

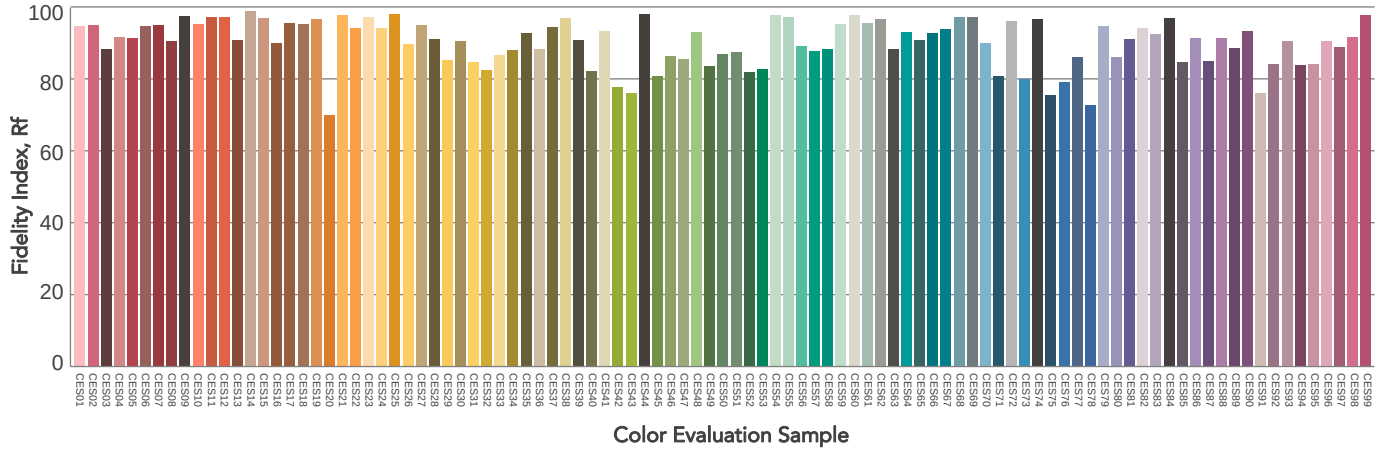












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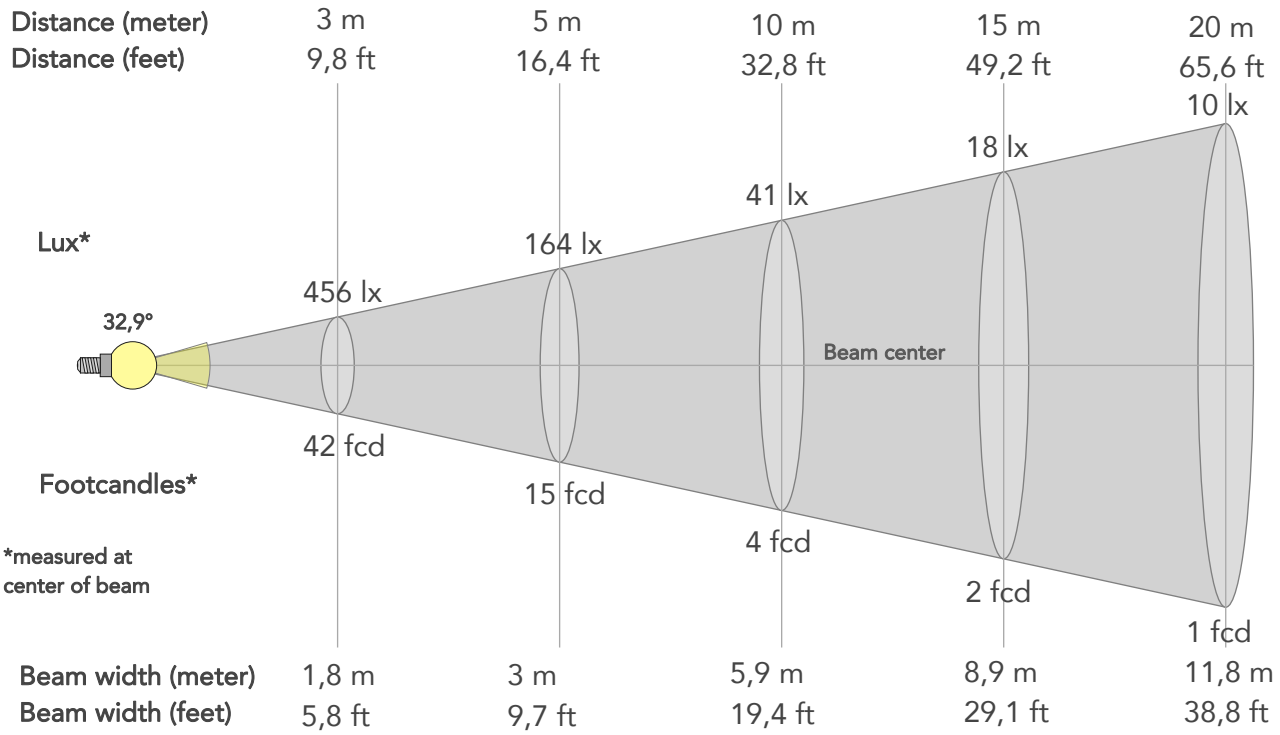
BEAM DETAILS

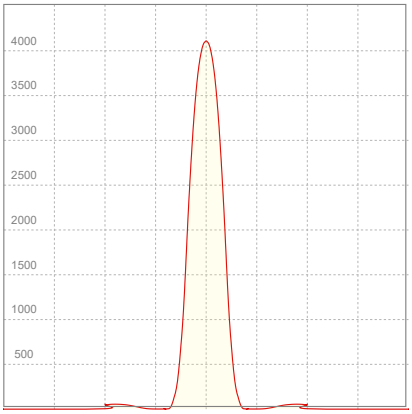
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
32,9°	49,2°	58,4°	87,9%	87,1%



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	4106lx	1027lx	456lx	257lx	164lx	73lx	41lx	18lx	10lx	7lx	5lx	3lx	2lx
Footcand.	381fcd	95fcd	42fcd	24fcd	15fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,8m	2,4m	3m	4,4m	5,9m	8,9m	11,8m	14,8m	17,7m	23,6m	29,5m
Beam wid.	1,9ft	3,9ft	5,8ft	7,7ft	9,7ft	14,5ft	19,4ft	29,1ft	38,8ft	48,4ft	58,1ft	77,5ft	96,9ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,341A	67,3W	20lm/W

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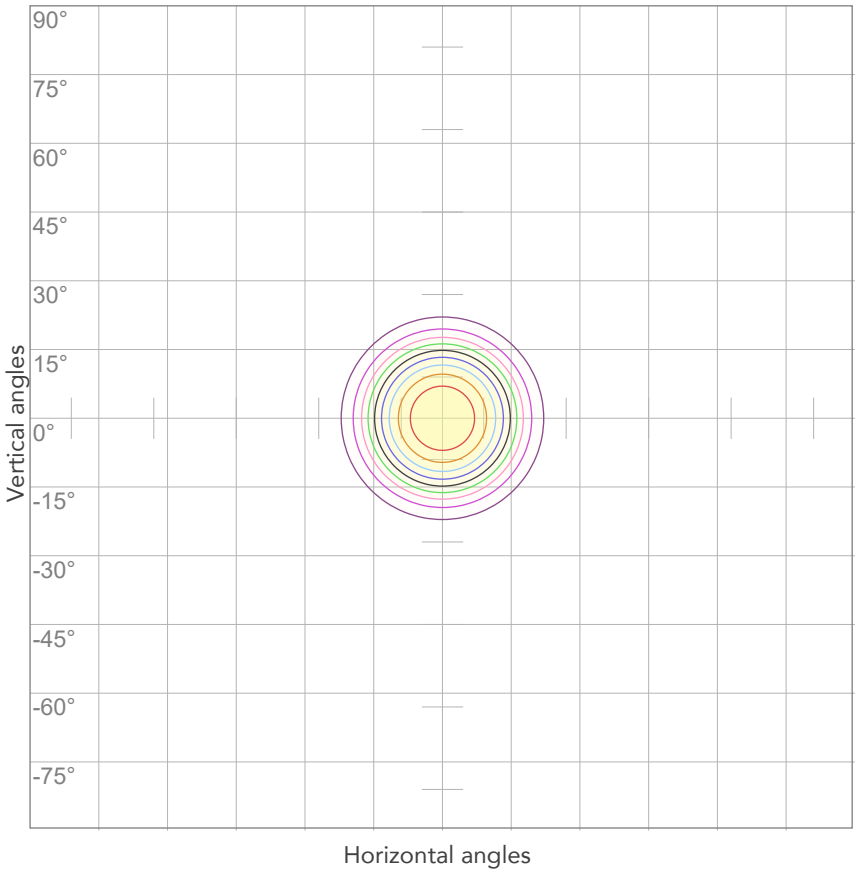
ISO DIAGRAMS

ISO CANDELA DIAGRAM



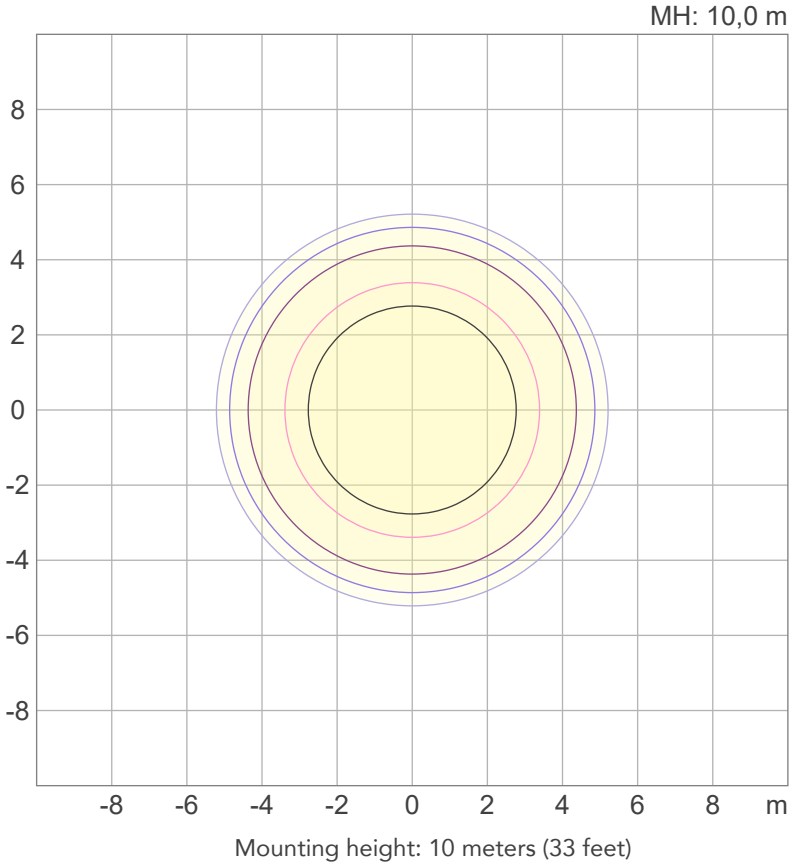
10%	411 cd
20%	821 cd
30%	1232 cd
40%	1643 cd
50%	2053 cd
60%	2464 cd
70%	2874 cd
80%	3285 cd

Conditions:

Number of c-planes: 2

Candela at center: 4106 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	1,23 lx
5%	2,05 lx
10%	4,11 lx
30%	12,3 lx
50%	20,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 41,1 lx

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

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Total lumen output:

1271 lm

Peak candela output:

14826 cd

Light quality:

CRI: 92,1

Color temperature:

6165 K

PRODUCT NAME:

JETPAR7ZIP

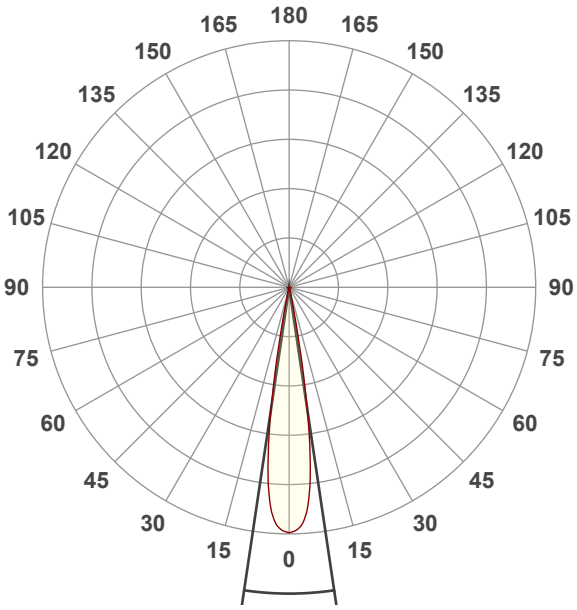
MEASURAMENT CONDITIONS:

Beam angle:
Med Zoom

Target:
6000K

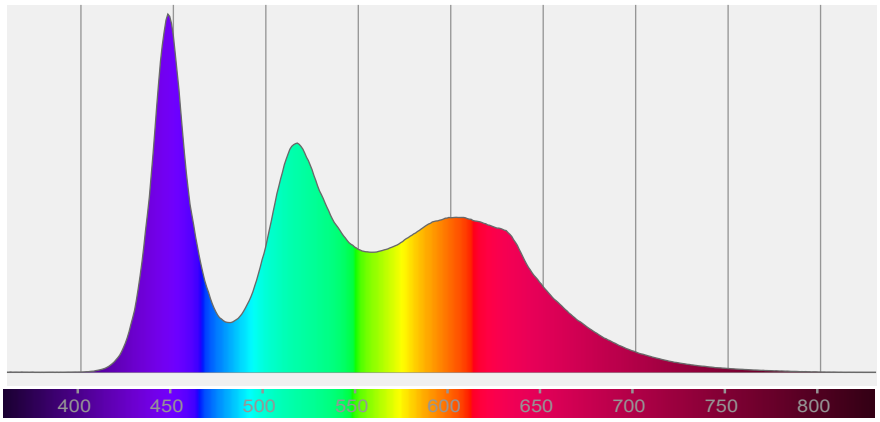
Operator:
Salvatore Giglio

Date and time:
16/01/2023 13:06:44

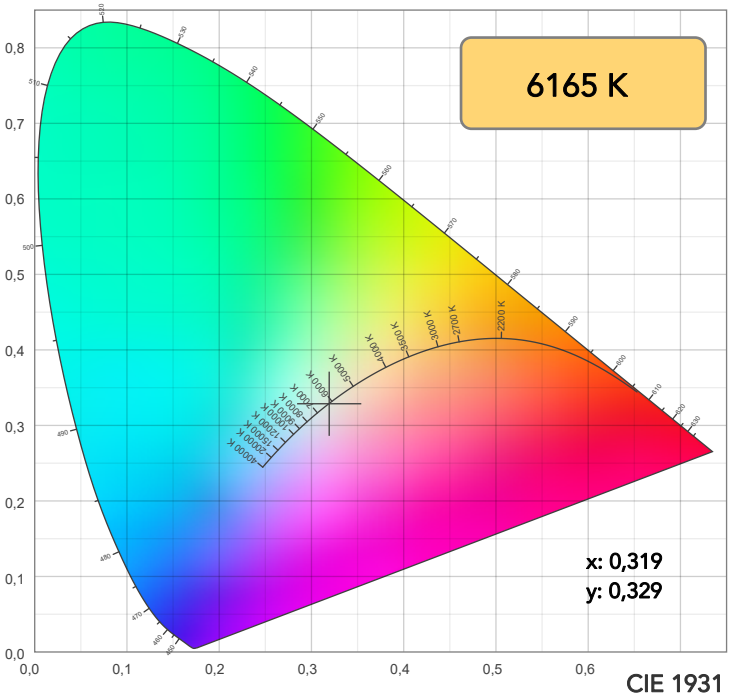


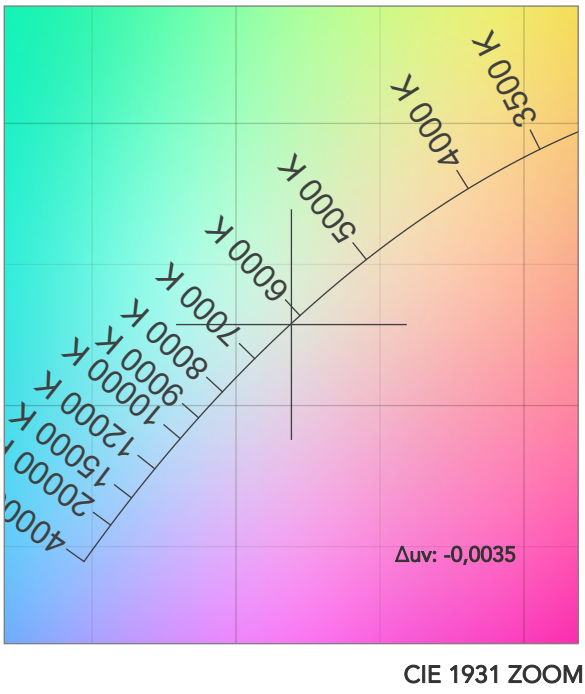
Beam angle 50%: 16,9°
Field angle 10%: 22,9°
Cut off angle 2.5%: 25°

Spectra

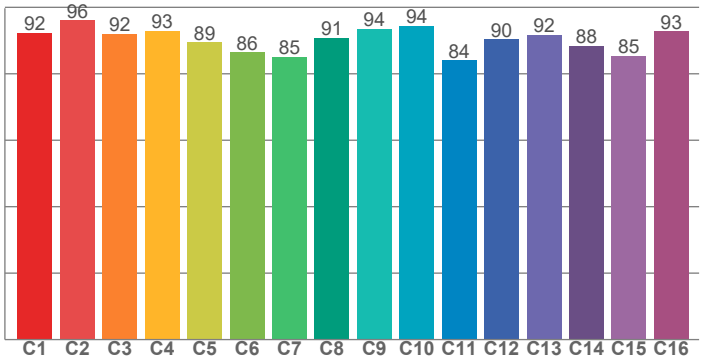


COLOR DETAILS

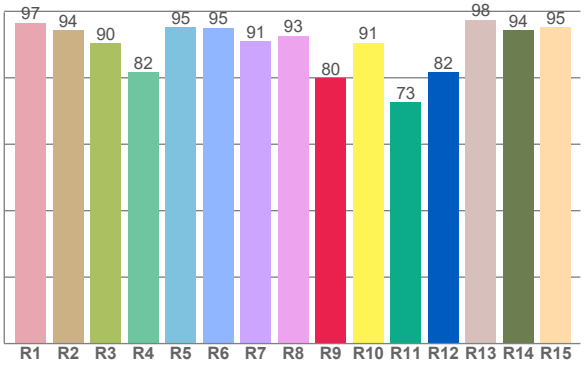




TM30: 90,2



CRI: 92,1 (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
96,5	94,3	90,3	81,6	95,3	95,0	91,0	92,7	79,8	90,6	72,6	81,6	97,5	94,3	95,3

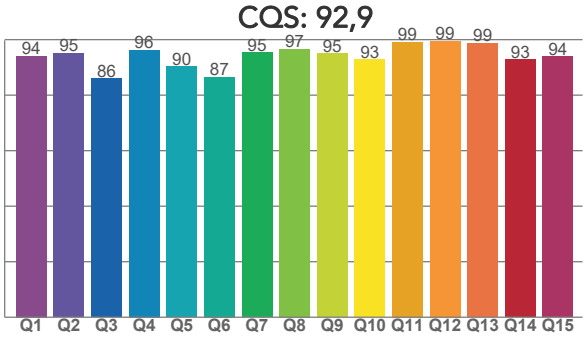
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,3	96,1	92,0	92,9	89,4	86,4	85,1	90,9	93,6	94,3	84,1	90,4	91,7	88,3	85,3	92,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,1	95,1	86,0	96,3	90,2	86,6	95,3	96,6	95,0	92,8	99,1	99,5	98,7	92,8	93,9

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6165 K	92,1	79,8	90,2	106,7	92,9	81	0,319	0,329	-0,0035

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TM30 DETAILS

PROLiGHTS

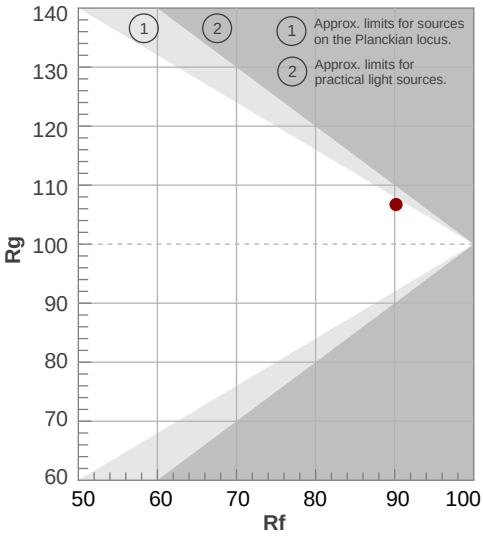
Rf 90,2

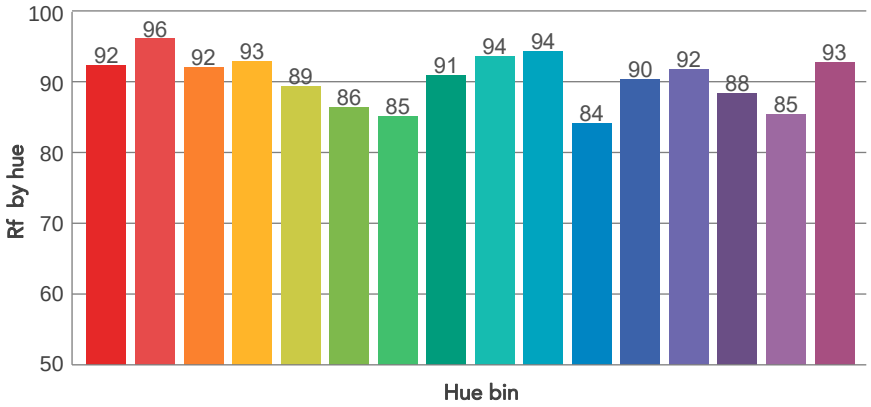
Fidelity index Rf

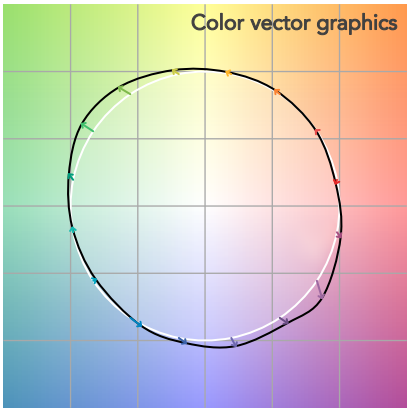
Rg 106,7

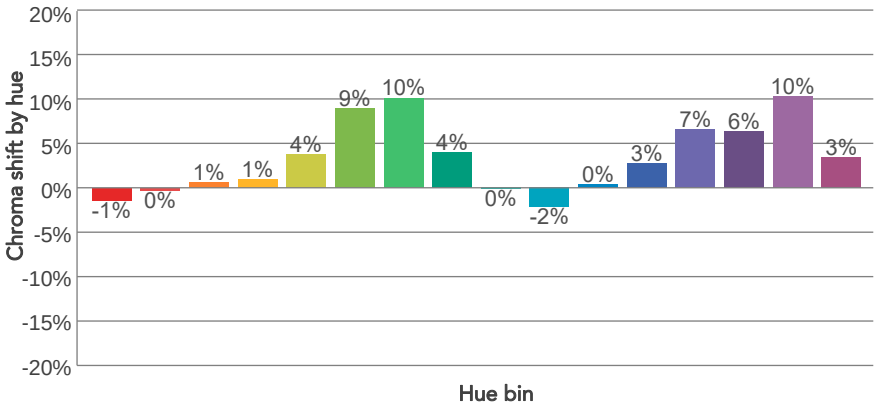
Gammut index

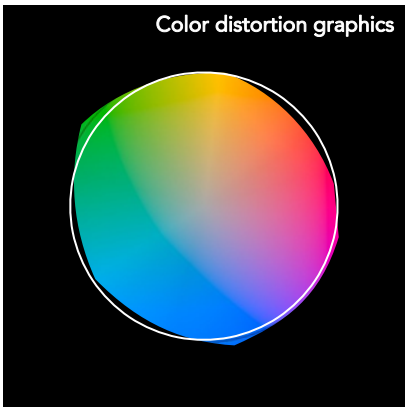
Hue Bin	R_f	Graphic shifts (%) Chroma	Hue
1	92	-1%	-3%
2	96	0%	1%
3	92	1%	5%
4	93	1%	4%
5	89	4%	4%
6	86	9%	4%
7	85	10%	0%
8	91	4%	-3%
9	94	0%	-3%
10	94	-2%	0%
11	84	0%	10%
12	90	3%	6%
13	92	7%	2%
14	88	6%	3%
15	85	10%	-9%
16	93	3%	-3%

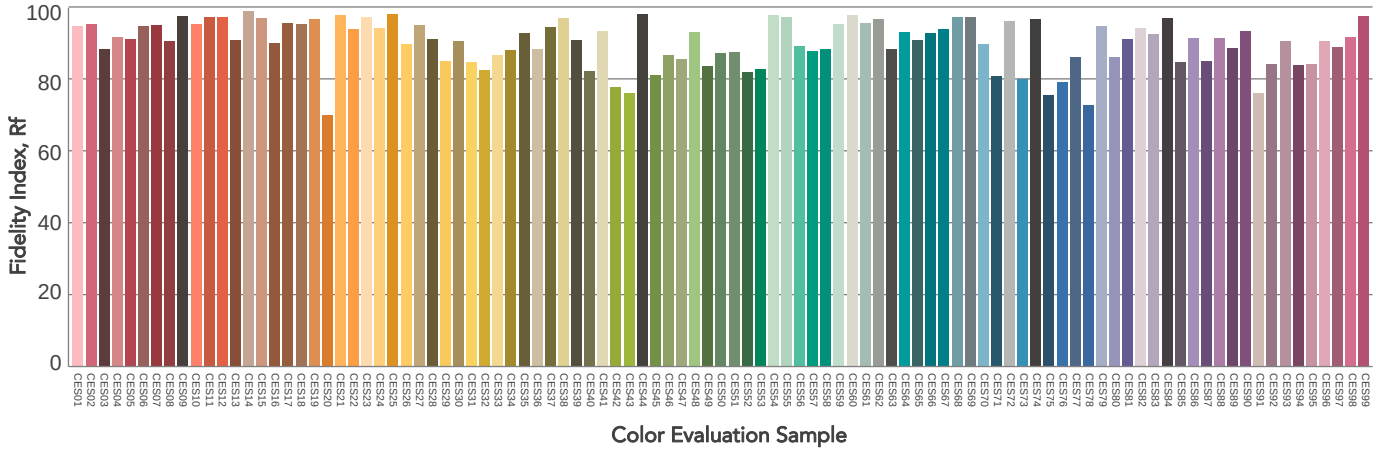












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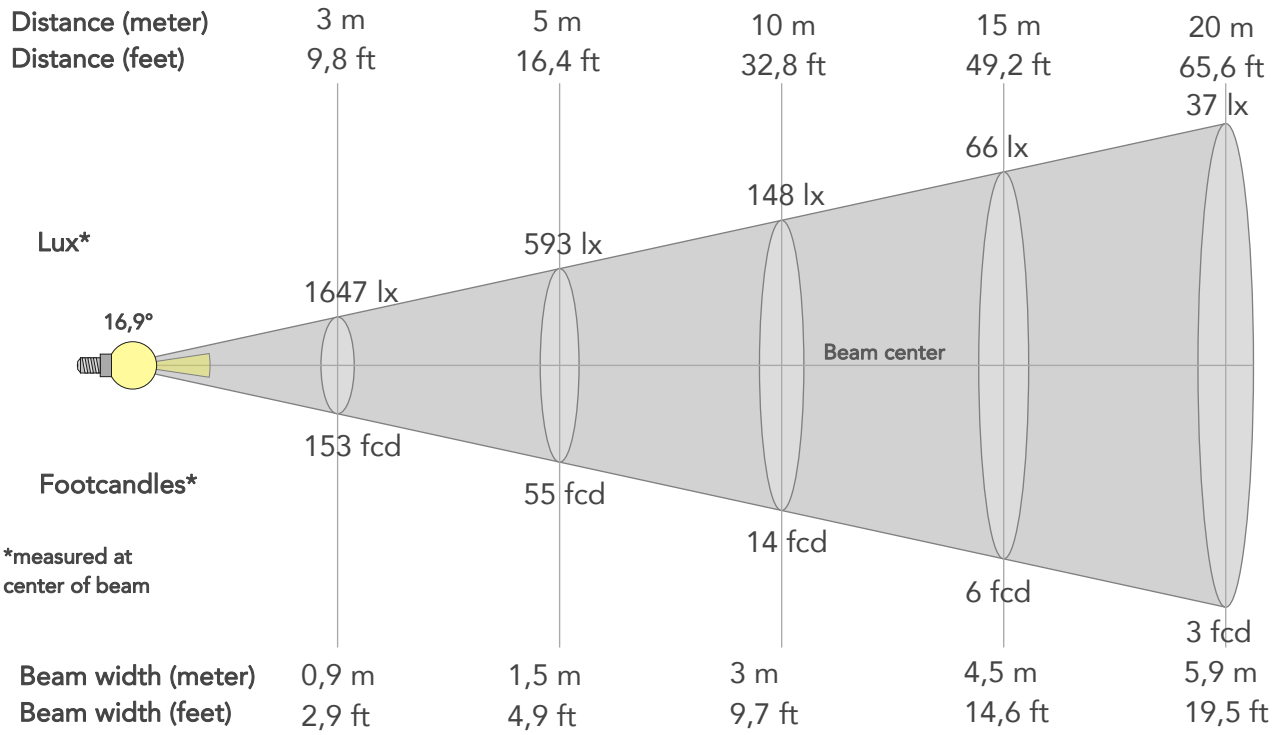
BEAM DETAILS

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
16,9°	22,9°	25°	82,7%	82,7%



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	14826lx	3707lx	1647lx	927lx	593lx	264lx	148lx	66lx	37lx	24lx	16lx	9lx	6lx
Footcand.	1377fcd	344fcd	153fcd	86fcd	55fcd	24fcd	14fcd	6fcd	3fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,6m	0,9m	1,2m	1,5m	2,2m	3m	4,5m	5,9m	7,4m	8,9m	11,9m	14,9m
Beam wid.	1ft	2ft	2,9ft	3,9ft	4,9ft	7,3ft	9,7ft	14,6ft	19,5ft	24,4ft	29,2ft	39ft	48,7ft

LINEAR DISTRIBUTION DIAGRAM

ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,345A	68,2W	19lm/W

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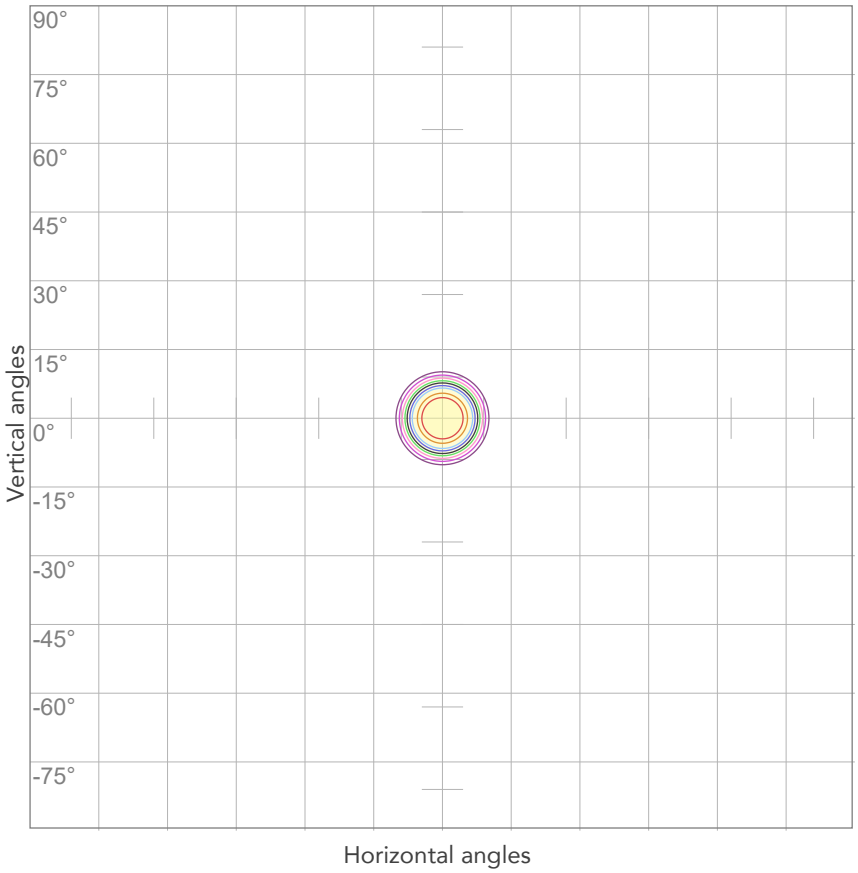
ISO DIAGRAMS

ISO CANDELA DIAGRAM



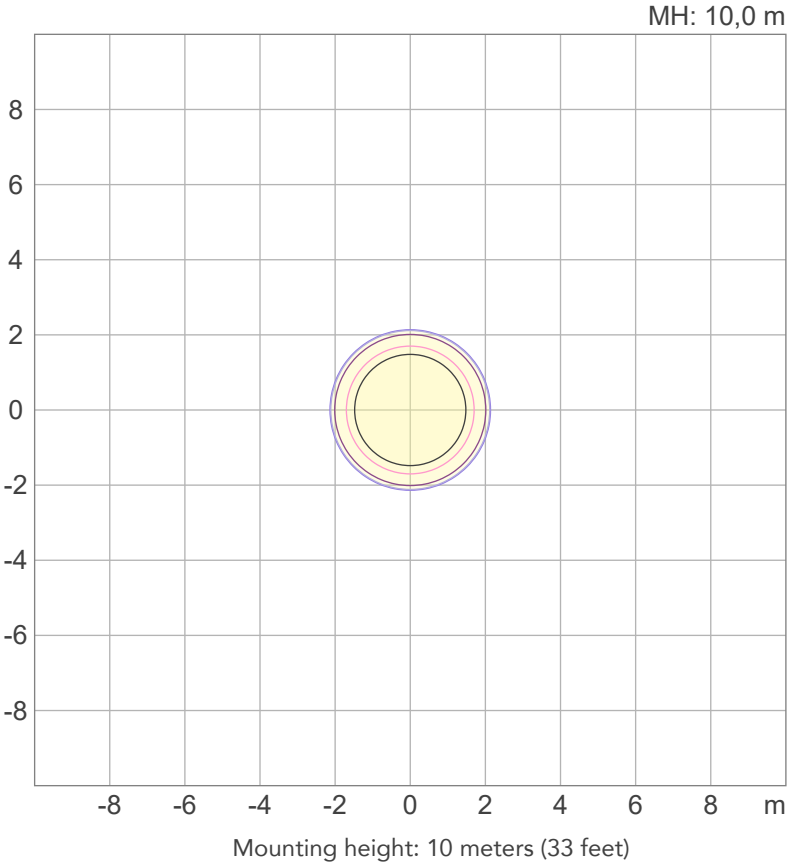
10%	1483 cd
20%	2965 cd
30%	4448 cd
40%	5930 cd
50%	7413 cd
60%	8896 cd
70%	10378 cd
80%	11861 cd

Conditions:

Number of c-planes: 2

Candela at center: 14826 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	4,45 lx
5%	7,41 lx
10%	14,8 lx
30%	44,5 lx
50%	74,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 148 lx

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

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Total lumen output:

758 lm

Peak candela output:

152077 cd

Light quality:

CRI: 92,3

Color temperature:

5890 K

PRODUCT NAME:

JETPAR7ZIP

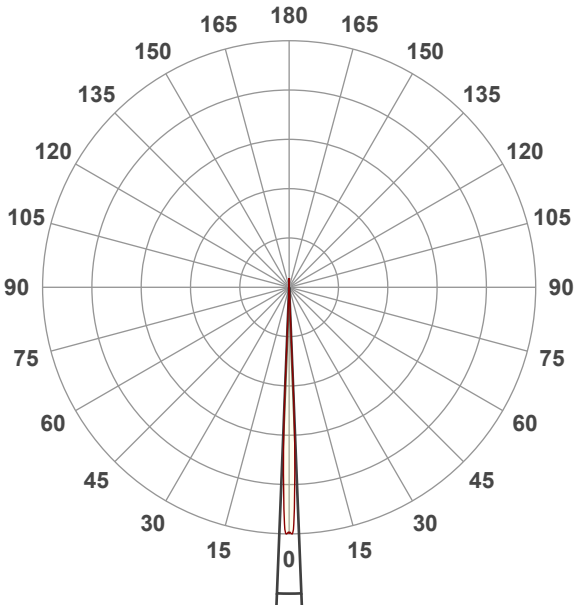
MEASURAMENT CONDITIONS:

Beam angle:
Min Zoom

Target:
6000K

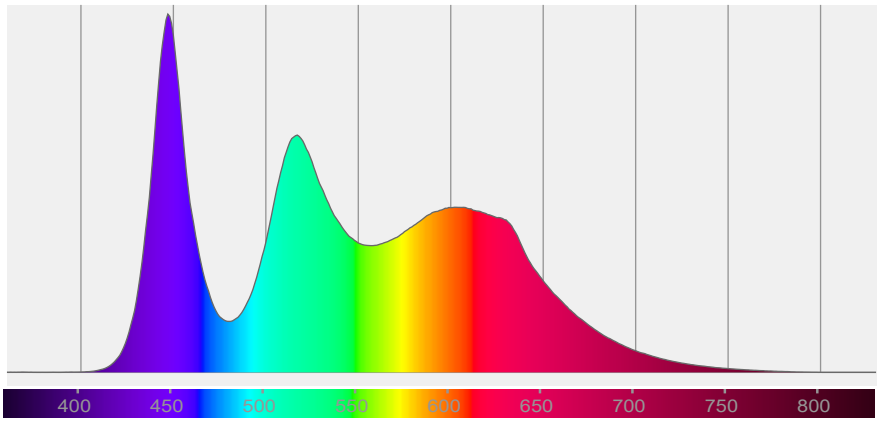
Operator:
Salvatore Giglio

Date and time:
16/01/2023 13:05:17

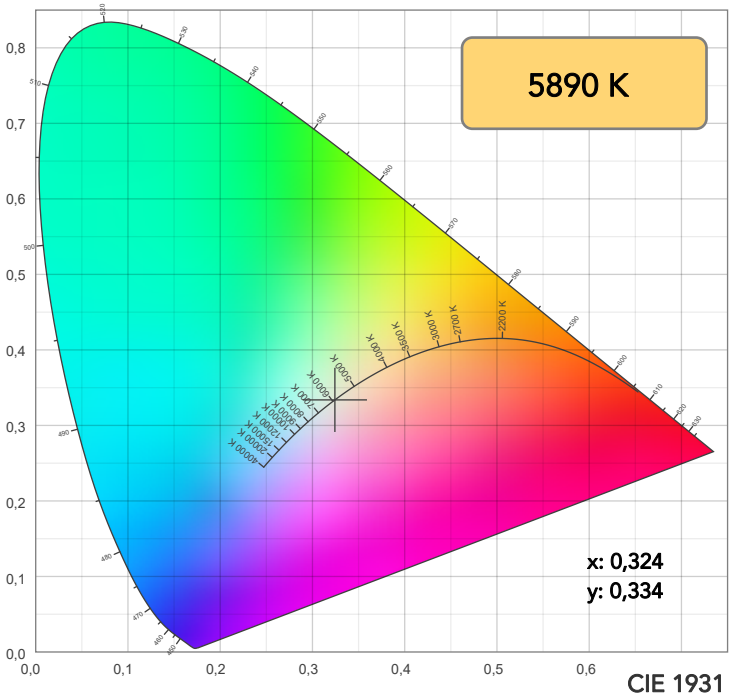


Beam angle 50%: 4,6°
Field angle 10%: 6°
Cut off angle 2.5%: 6,2°

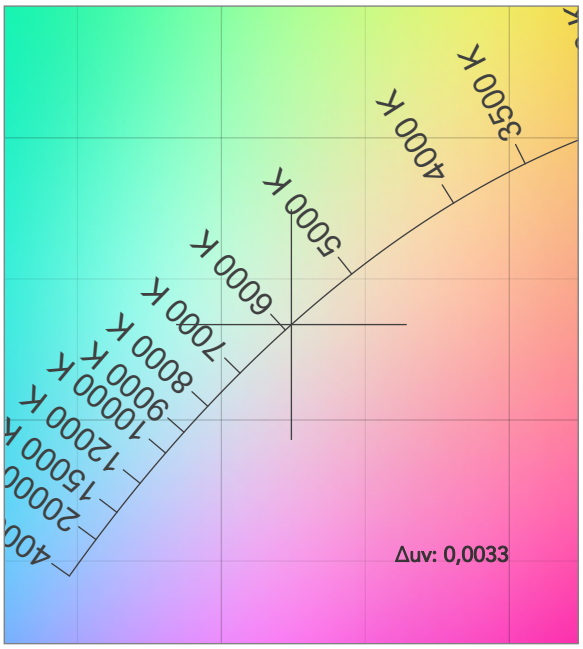
Spectra



COLOR DETAILS

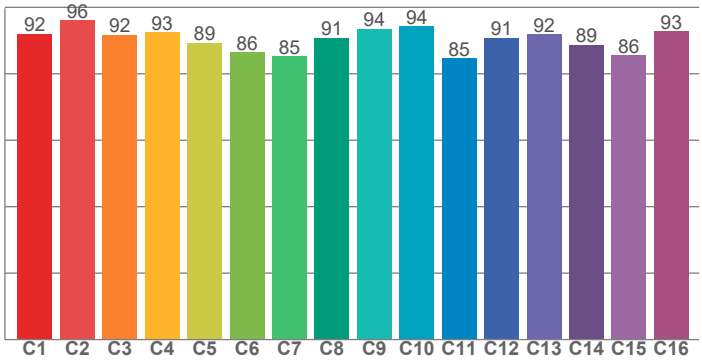


CIE 1931

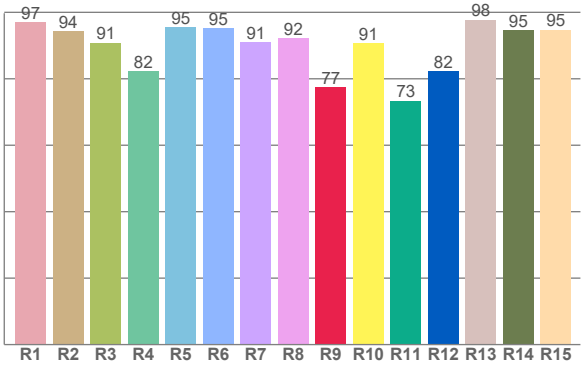


CIE 1931 ZOOM

TM30: 90,2



CRI: 92,3 (R1-R8)



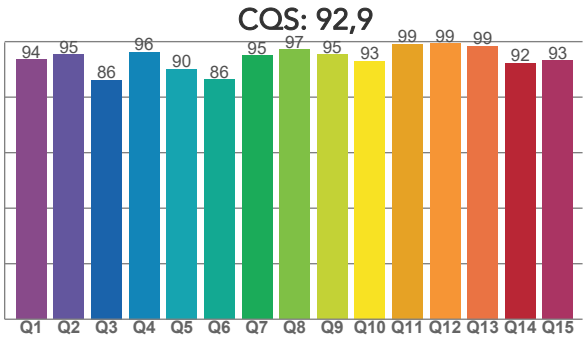
CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,0	94,3	90,8	82,3	95,4	95,2	91,1	92,1	77,4	90,7	73,4	82,2	97,7	94,6	94,8

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

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92,1	96,1	91,7	92,5	89,3	86,5	85,2	90,8	93,6	94,3	84,6	90,8	91,9	88,7	85,5	92,7

CQS: 92,9



CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,5	95,3	86,3	96,3	90,2	86,3	94,9	97,1	95,4	93,0	99,1	99,3	98,5	92,2	93,2

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 diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5890 K	92,3	77,4	90,2	106,6	92,9	81	0,324	0,334	0,0033

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TM30 DETAILS

PROLiGHTS

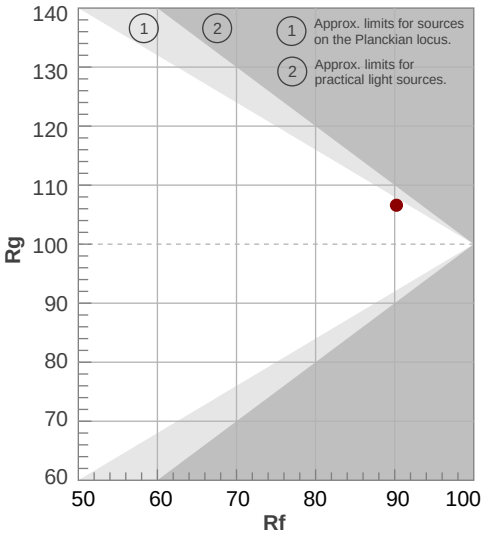
Rf 90,2

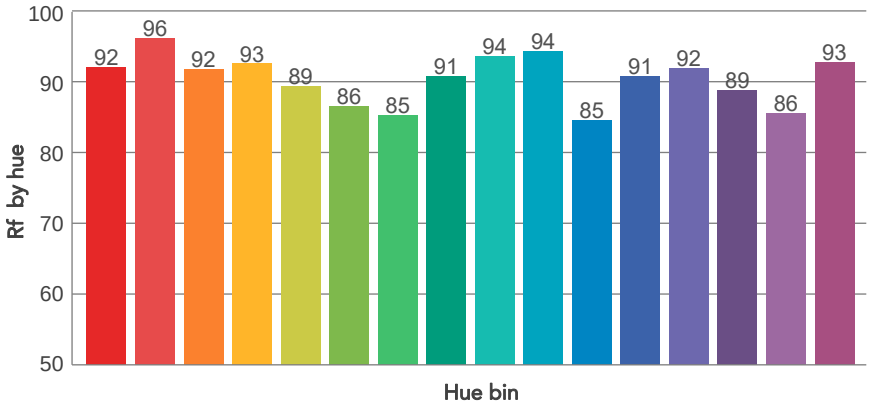
Fidelity index Rf

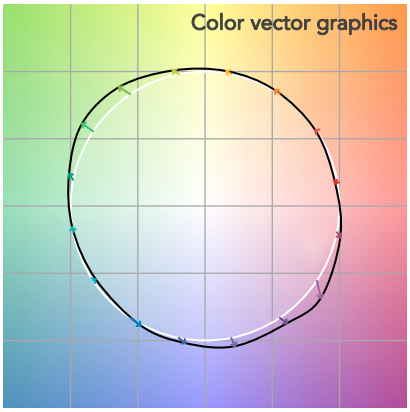
Rg 106,6

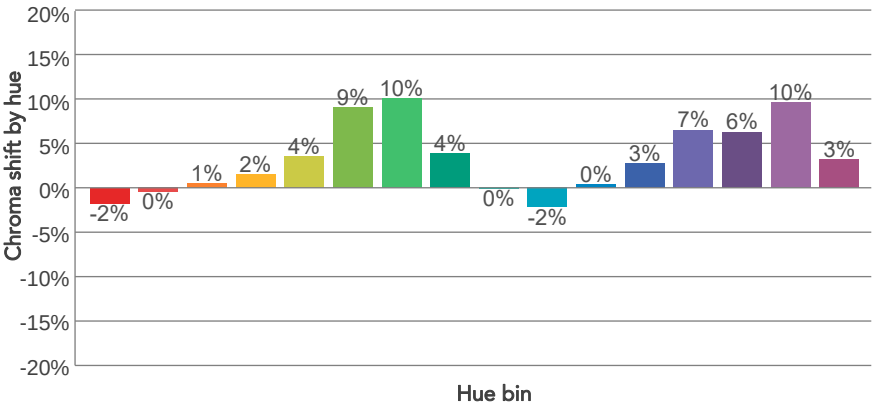
Gammut index

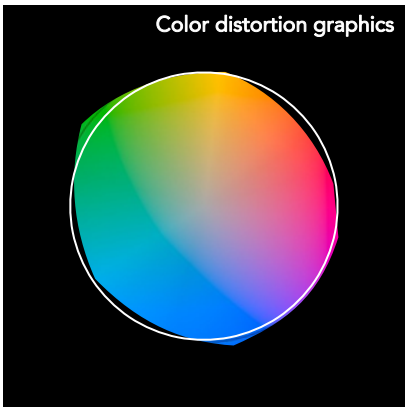
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	92	-2%	-3%
2	96	0%	1%
3	92	1%	5%
4	93	2%	4%
5	89	4%	4%
6	86	9%	4%
7	85	10%	0%
8	91	4%	-4%
9	94	0%	-4%
10	94	-2%	0%
11	85	0%	9%
12	91	3%	5%
13	92	7%	1%
14	89	6%	2%
15	86	10%	-9%
16	93	3%	-3%

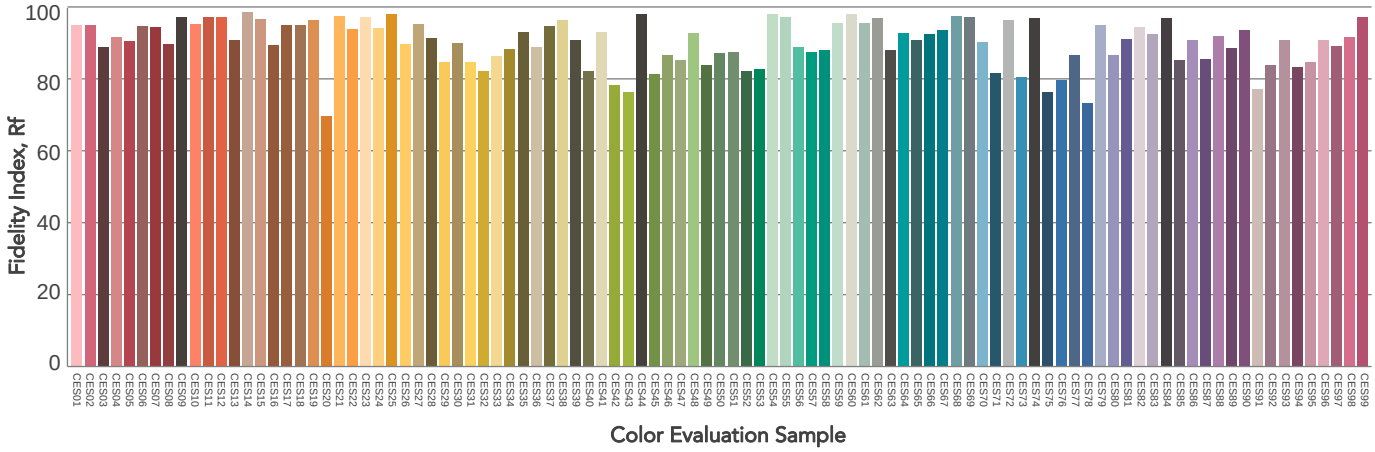












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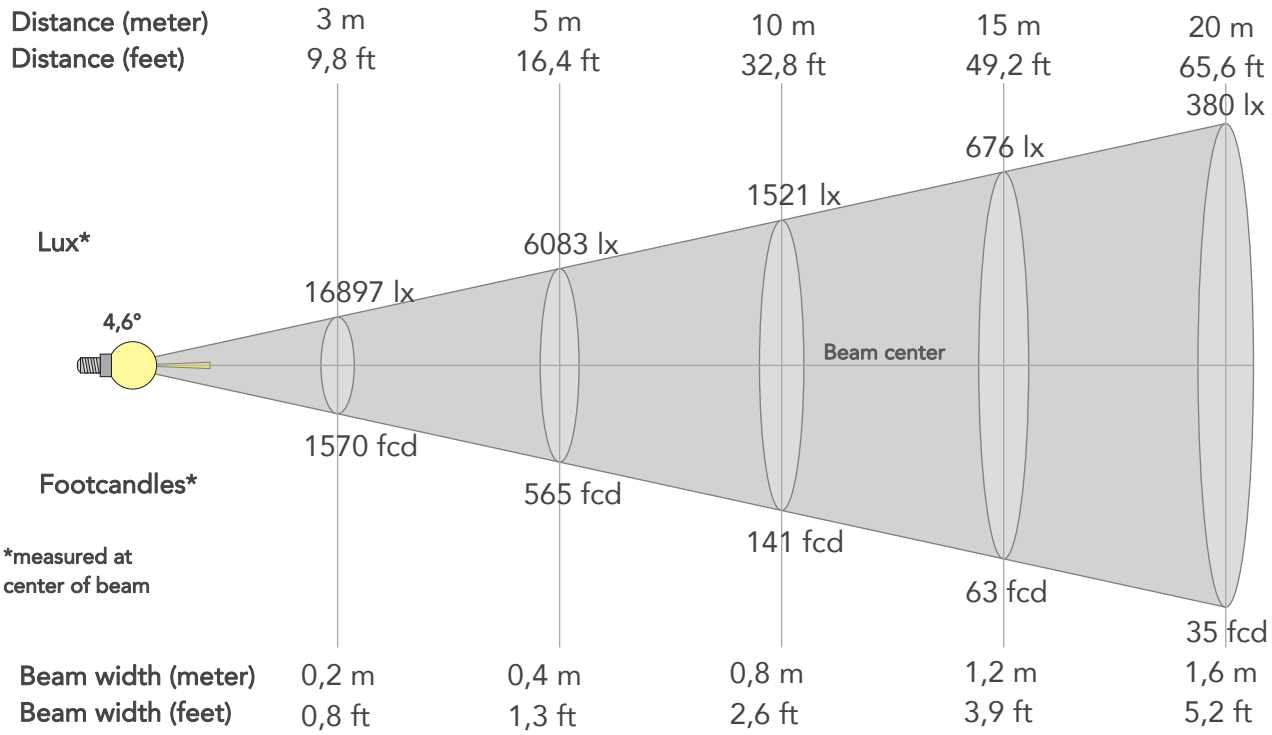
BEAM DETAILS

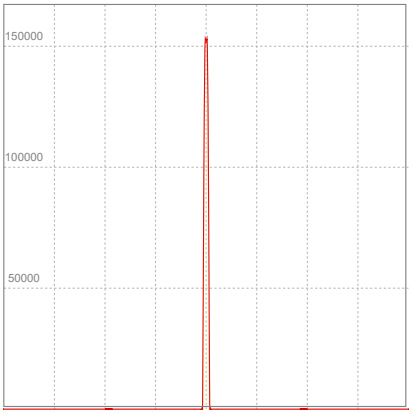
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,6°	6°	6,2°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	152077lx	38019lx	16897lx	9505lx	6083lx	2704lx	1521lx	676lx	380lx	243lx	169lx	95lx	61lx
Footcand.	14128fcd	3532fcd	1570fcd	883fcd	565fcd	251fcd	141fcd	63fcd	35fcd	23fcd	16fcd	9fcd	6fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,2m	1,6m	2m	2,4m	3,2m	4m
Beam wid.	0,3ft	0,5ft	0,8ft	1ft	1,3ft	2ft	2,6ft	3,9ft	5,2ft	6,5ft	7,8ft	10,5ft	13,1ft

LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,345A	68,0W	11lm/W

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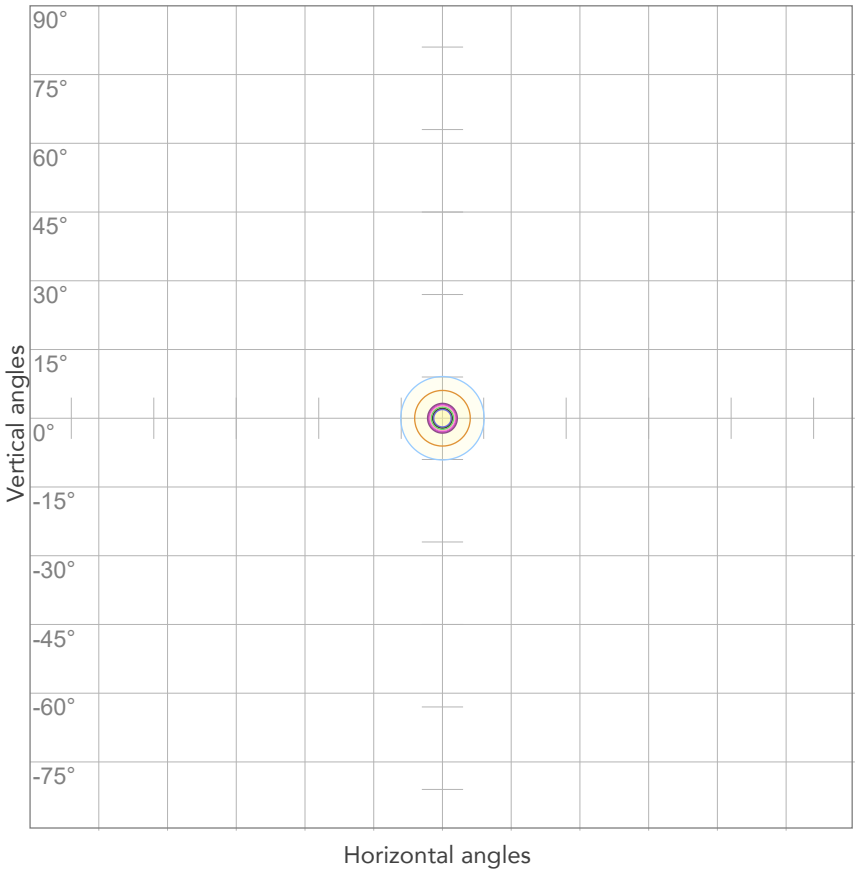
ISO DIAGRAMS

ISO CANDELA DIAGRAM



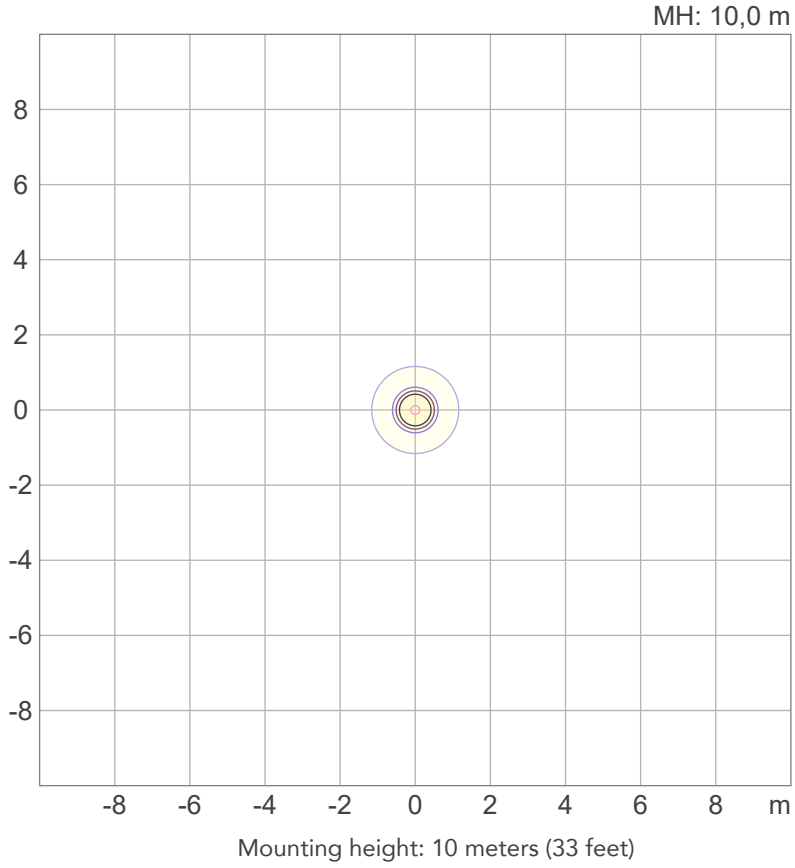
10%	15208 cd
20%	30415 cd
30%	45623 cd
40%	60831 cd
50%	76039 cd
60%	91246 cd
70%	106454 cd
80%	121662 cd

Conditions:

Number of c-planes: 2

Candela at center: 152077 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	45,6 lx
5%	76,0 lx
10%	152 lx
30%	456 lx
50%	760 lx

Conditions:

Number of c-planes: 2

Lux at center: 1521 lx

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

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