



Photometric Test Report



JetWash7

7x20W RGBW moving wash light
with 4°- 55° zoom

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Color temperature 4000K

Beam angle Max Zoom 80

Beam angle Med Zoom 85

Beam angle Min Zoom 90

Color temperature 5600K

Beam angle Max Zoom 95

Beam angle Med Zoom 100

Beam angle Min Zoom 105

Color temperature 6000K

Beam angle Max Zoom 110

Beam angle Med Zoom 115

Beam angle Min Zoom 120

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:

1993 lm

Peak candela output:

5503 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

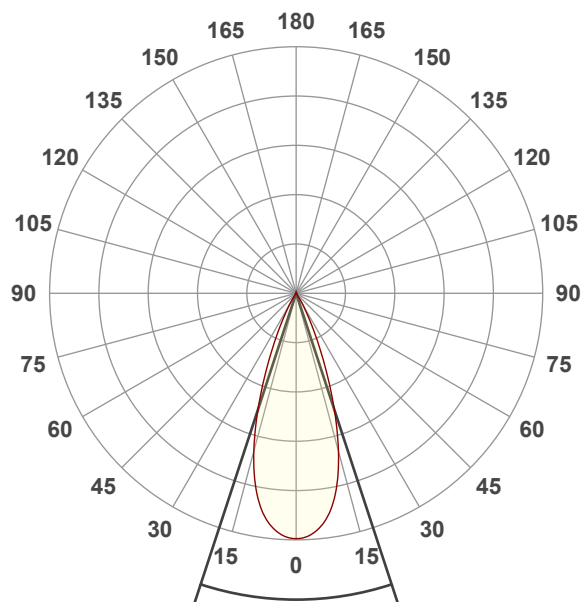
Full On Cal. Off

Operator:

Paolo Carvone

Date and time:

04/04/2022 18:19:09

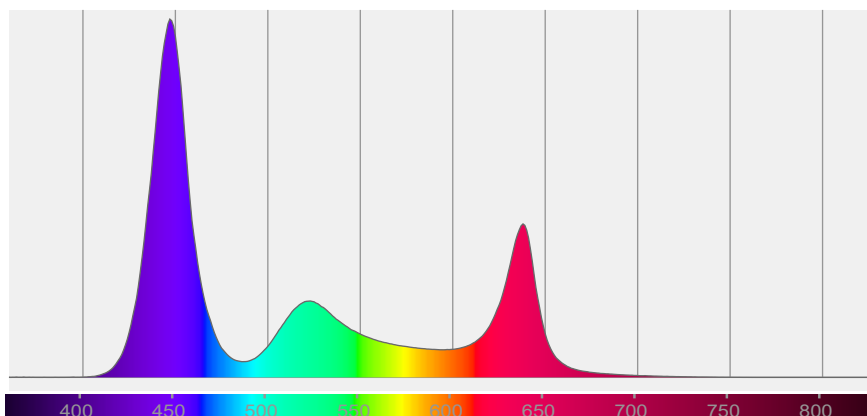


Beam angle 50%: 36,3°

Field angle 10%: 55,5°

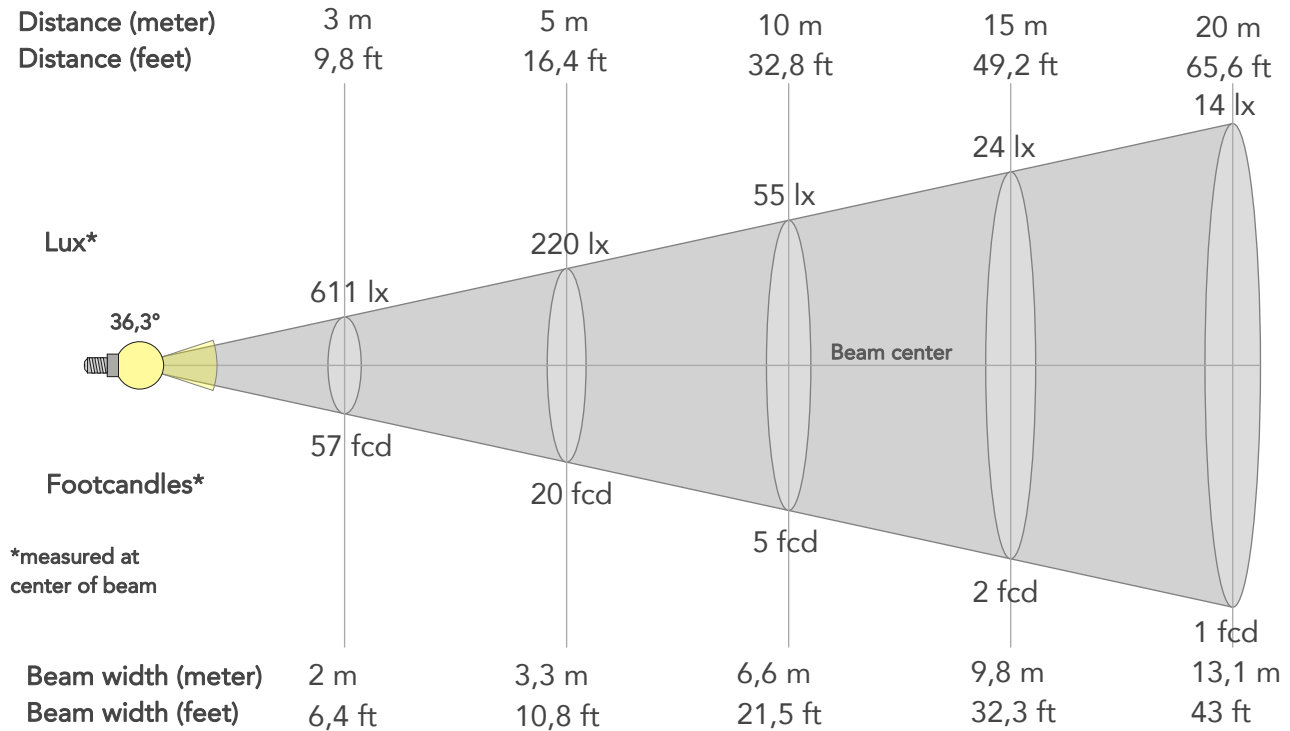
Cut off angle 2.5%: 65,7°

Spectra



BEAM DETAILS

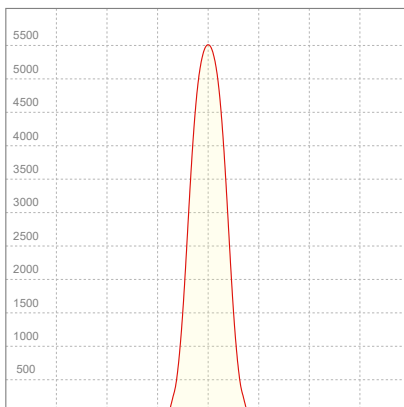
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36,3°	55,5°	65,7°	100,0%	100,0%



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	5503lx	1376lx	611lx	344lx	220lx	98lx	55lx	24lx	14lx	9lx	6lx	3lx	2lx
Footcand.	511fcd	128fcd	57fcd	32fcd	20fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,7m	1,3m	2m	2,6m	3,3m	4,9m	6,6m	9,8m	13,1m	16,4m	19,7m	26,2m	32,8m
Beam wid.	2,2ft	4,3ft	6,4ft	8,6ft	10,8ft	16,1ft	21,5ft	32,3ft	43ft	53,8ft	64,6ft	86,1ft	107,6ft

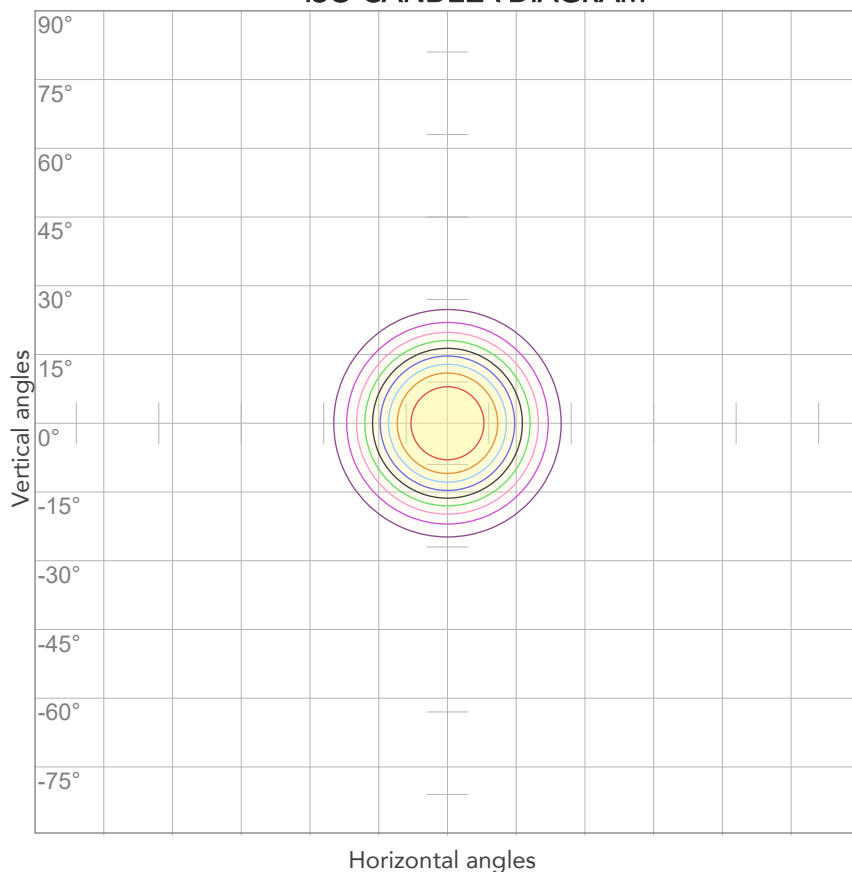
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,577A	121,2W	16lm/W
Power FC			
0,94			

ISO CANDELA DIAGRAM



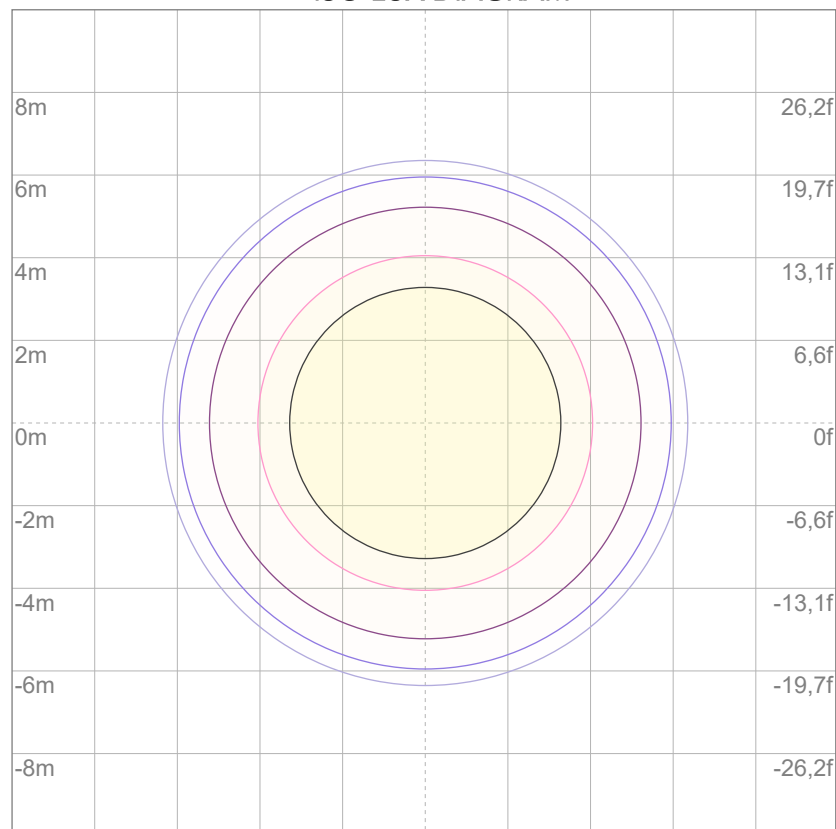
10%	550 cd
20%	1101 cd
30%	1651 cd
40%	2201 cd
50%	2752 cd
60%	3302 cd
70%	3852 cd
80%	4403 cd

Conditions:

Number of c-planes: 2

Candela at center: 5503 cd

ISO LUX DIAGRAM



3%	1,65 lx
5%	2,75 lx
10%	5,50 lx
30%	16,5 lx
50%	27,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 55,0 lx

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



Total lumen output:

1732 lm

Peak candela output:

20404 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

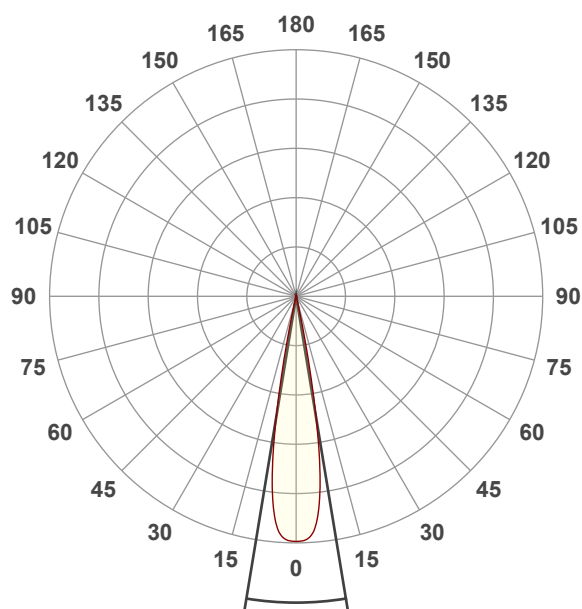
Full On Cal. Off

Operator:

Paolo Carvone

Date and time:

04/04/2022 18:17:25

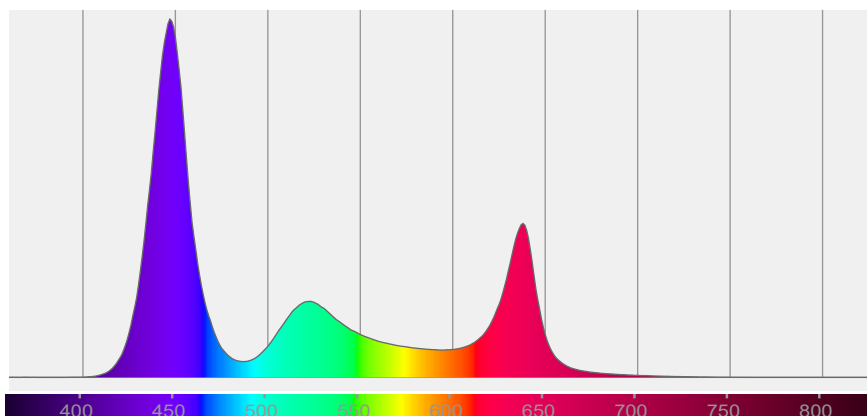


Beam angle 50%: 18,7°

Field angle 10%: 24,4°

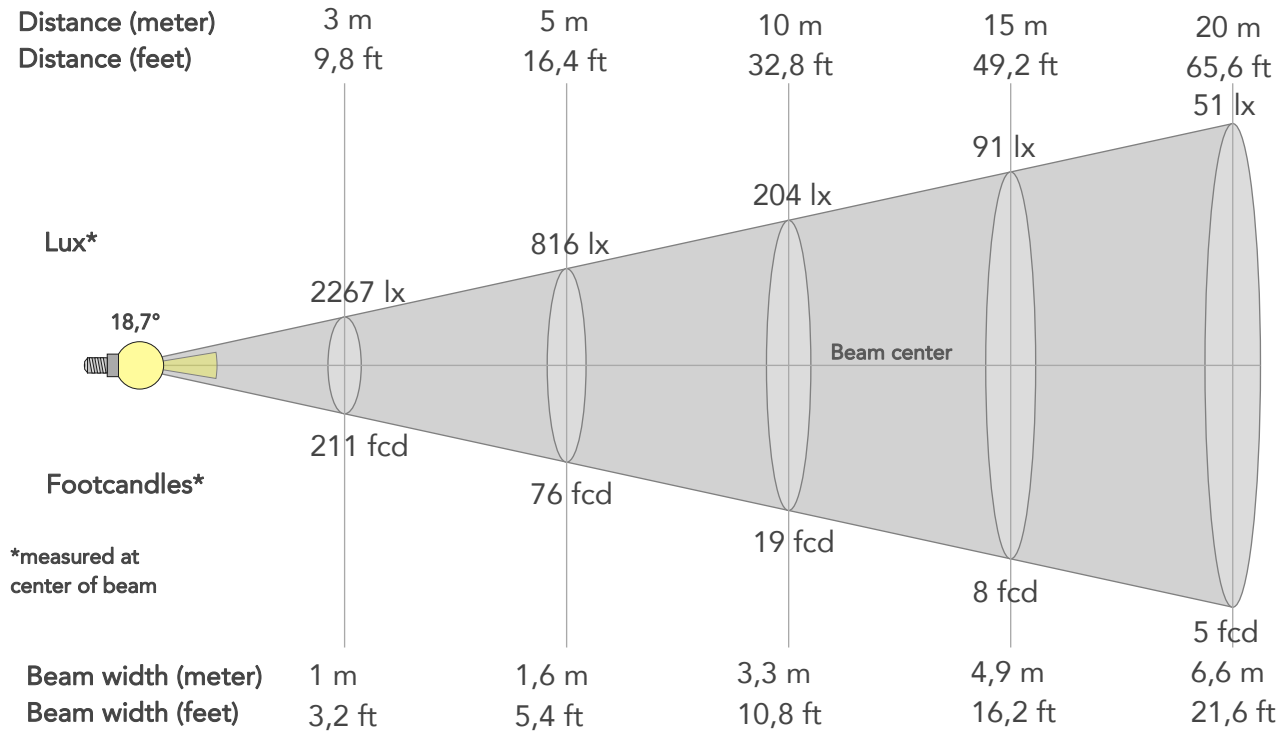
Cut off angle 2.5%: 26,4°

Spectra



BEAM DETAILS

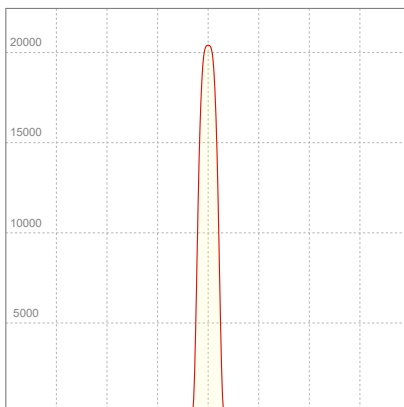
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,7°	24,4°	26,4°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	20404lx	5101lx	2267lx	1275lx	816lx	363lx	204lx	91lx	51lx	33lx	23lx	13lx	8lx
Footcand.	1896fcd	474fcd	211fcd	118fcd	76fcd	34fcd	19fcd	8fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,7m	1m	1,3m	1,6m	2,5m	3,3m	4,9m	6,6m	8,2m	9,9m	13,2m	16,5m
Beam wid.	1,1ft	2,2ft	3,2ft	4,3ft	5,4ft	8,1ft	10,8ft	16,2ft	21,6ft	27ft	32,4ft	43,2ft	54ft

LINEAR DISTRIBUTION DIAGRAM

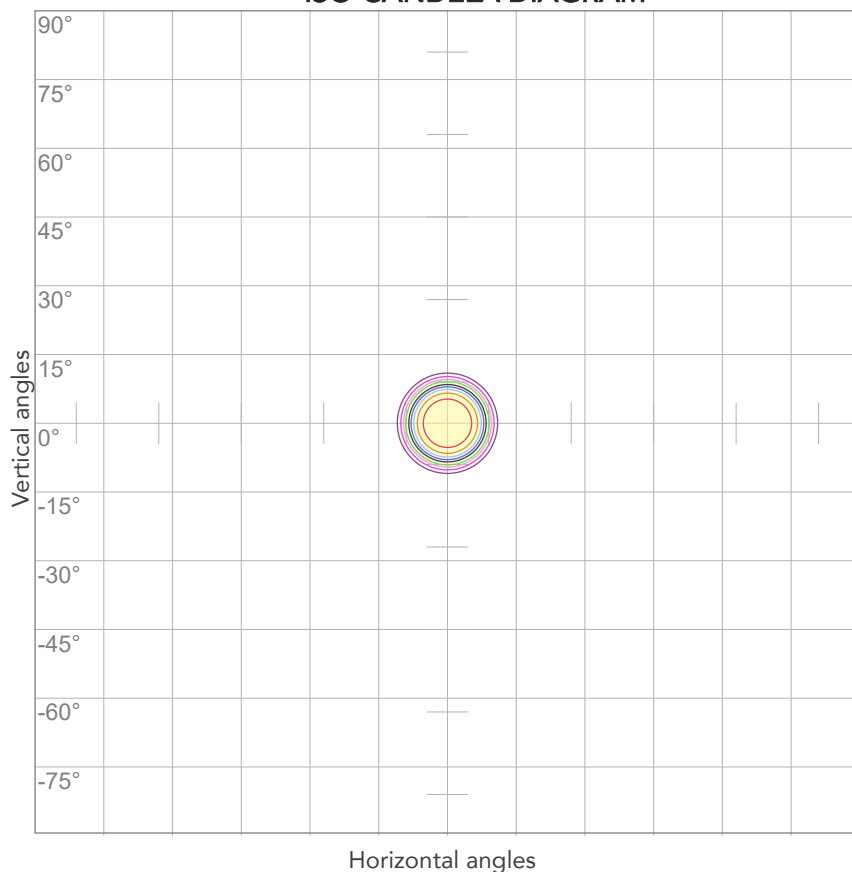


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,579A	121,6W	14lm/W

Power FC
0,94

ISO CANDELA DIAGRAM



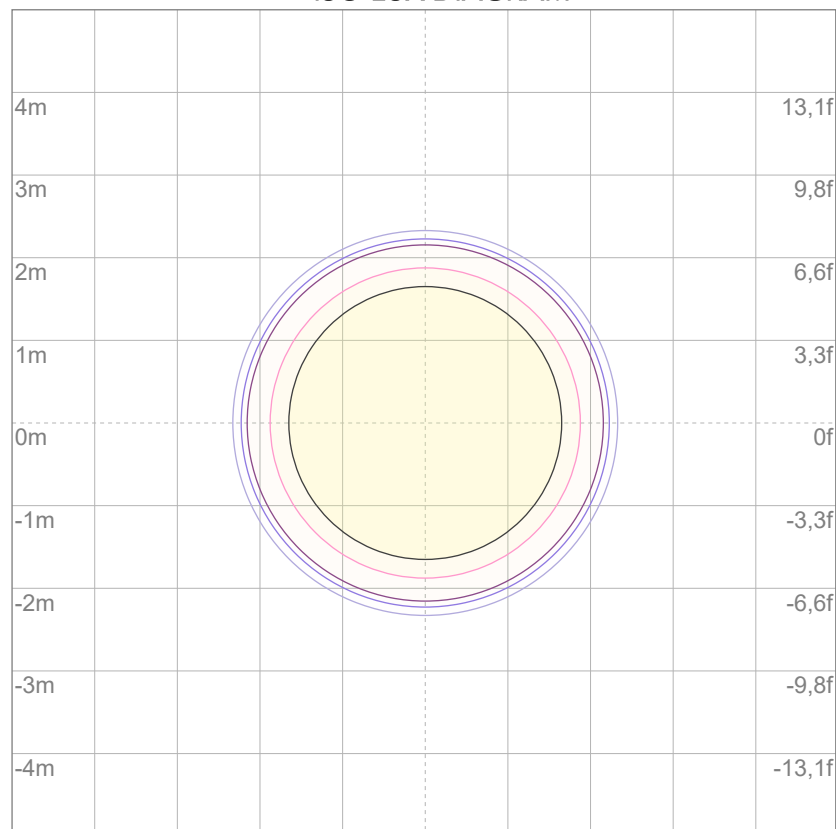
10%	2040 cd
20%	4081 cd
30%	6121 cd
40%	8162 cd
50%	10202 cd
60%	12242 cd
70%	14283 cd
80%	16323 cd

Conditions:

Number of c-planes: 2

Candela at center: 20404 cd

ISO LUX DIAGRAM



3%	6,12 lx
5%	10,2 lx
10%	20,4 lx
30%	61,2 lx
50%	102 lx

Conditions:

Number of c-planes: 2

Lux at center: 204 lx

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



Total lumen output:

1232 lm

Peak candela output:

258788 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

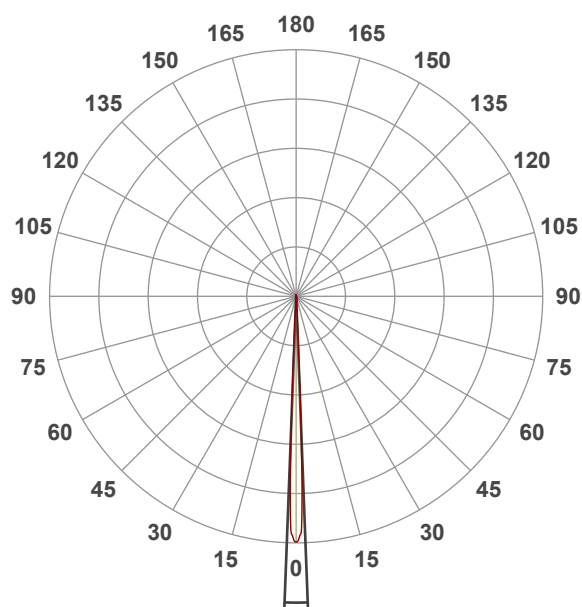
Full On Cal. Off

Operator:

Paolo Carvone

Date and time:

05/04/2022 11:24:29

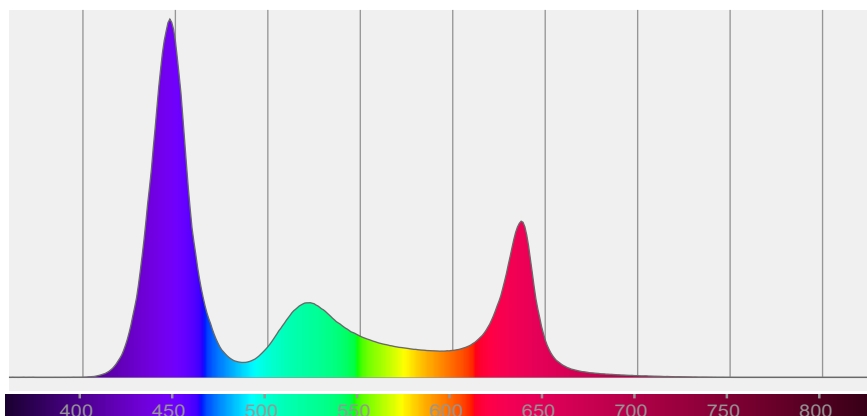


Beam angle 50%: 4,3°

Field angle 10%: 5,7°

Cut off angle 2.5%: 6,5°

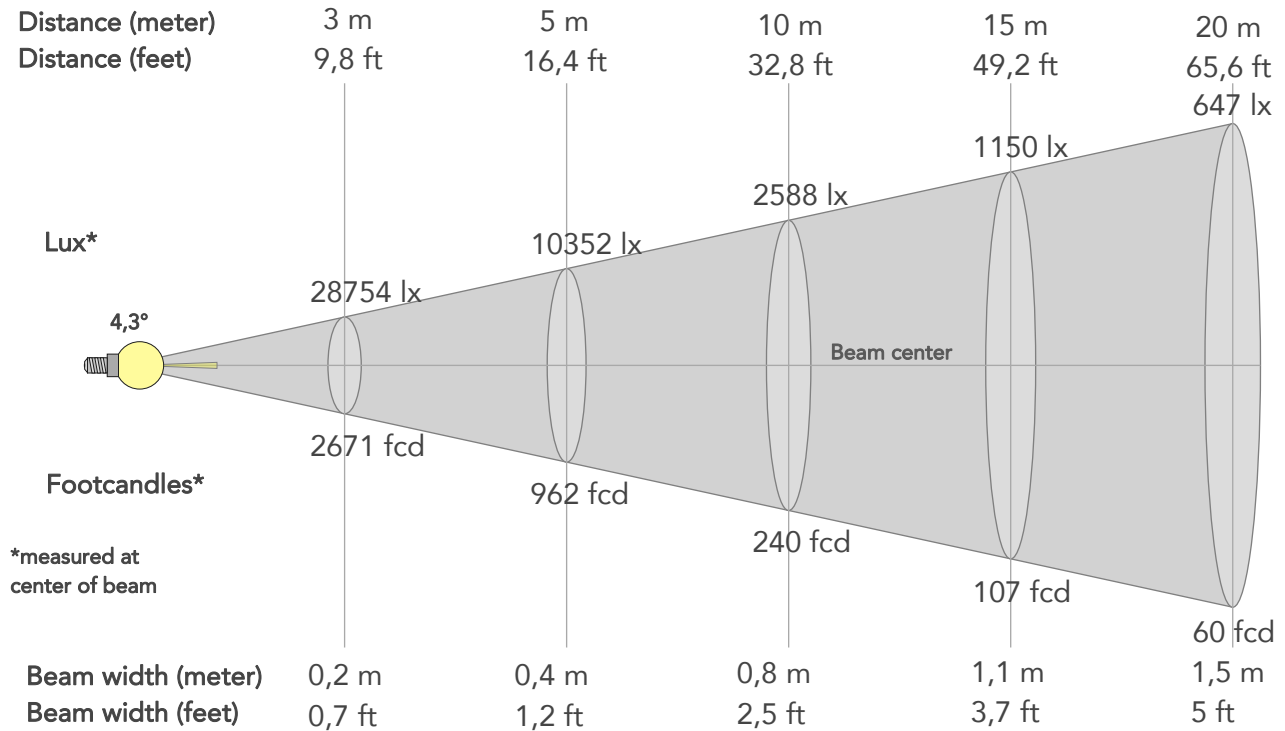
Spectra



BEAM DETAILS



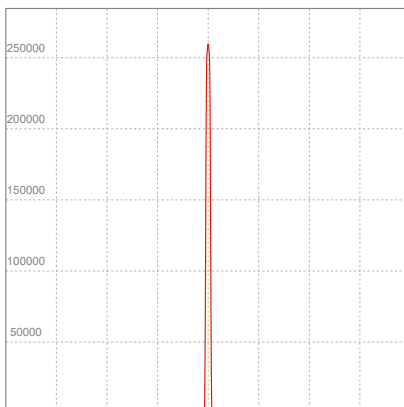
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,3°	5,7°	6,5°	100,0%	99,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	258788lx	64697lx	28754lx	16174lx	10352lx	4601lx	2588lx	1150lx	647lx	414lx	288lx	162lx	104lx
Footcand.	24042fcd	6011fcd	2671fcd	1503fcd	962fcd	427fcd	240fcd	107fcd	60fcd	38fcd	27fcd	15fcd	10fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,1m	1,5m	1,9m	2,3m	3m	3,8m
Beam wid.	0,2ft	0,5ft	0,7ft	1ft	1,2ft	1,9ft	2,5ft	3,7ft	5ft	6,2ft	7,4ft	9,9ft	12,4ft

LINEAR DISTRIBUTION DIAGRAM

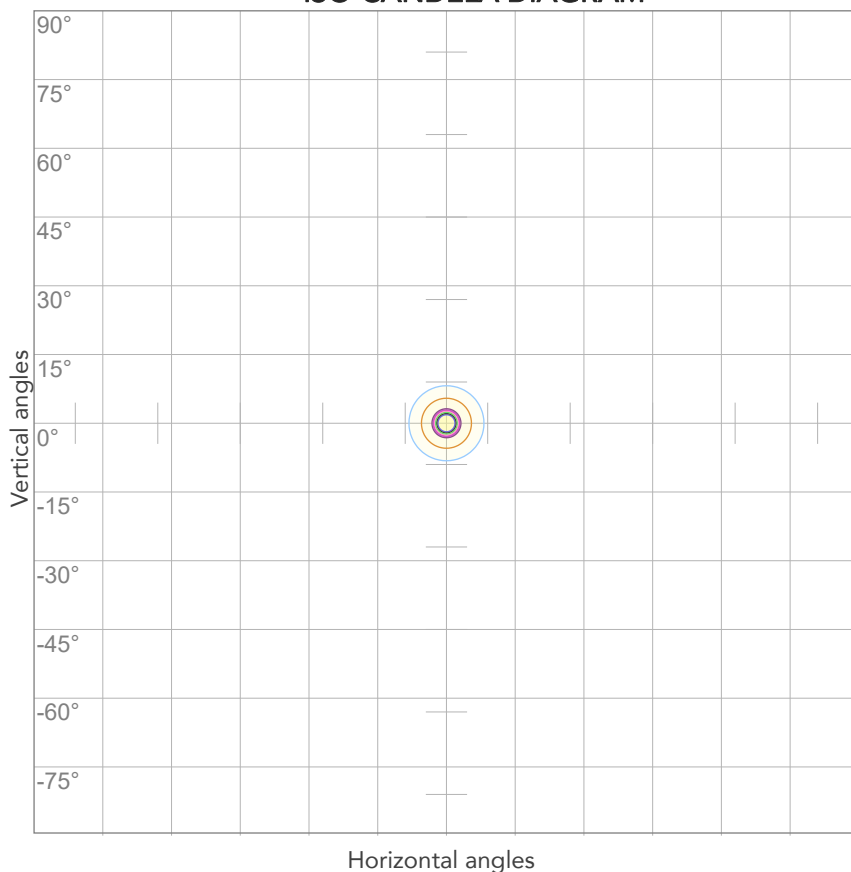


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,583A	123,7W	10lm/W

Power FC
0,93

ISO CANDELA DIAGRAM



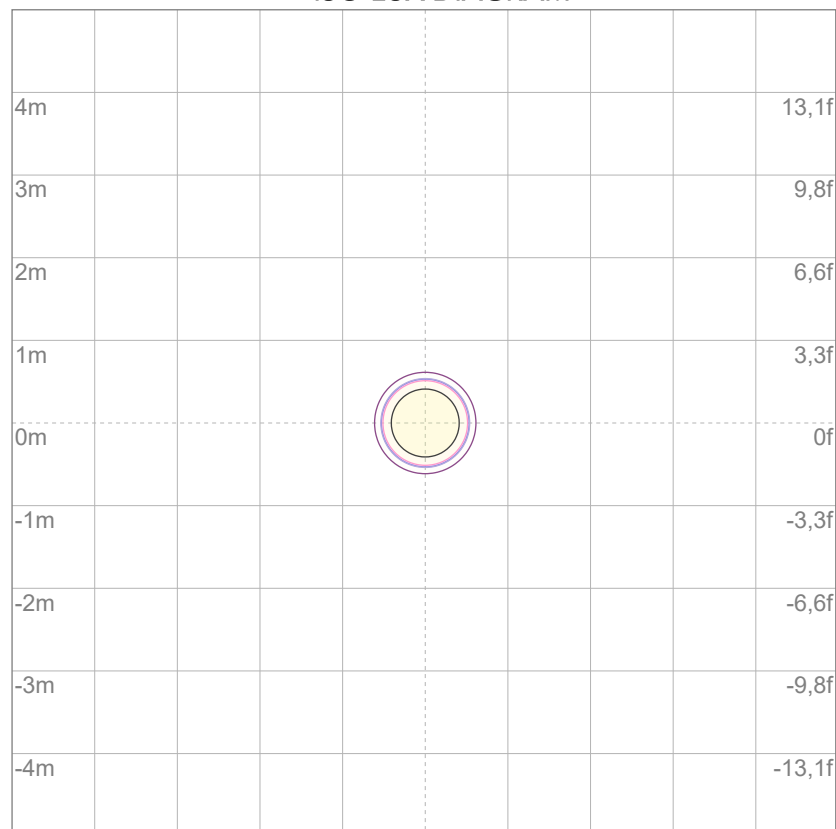
10%	25879 cd
20%	51758 cd
30%	77636 cd
40%	103515 cd
50%	129394 cd
60%	155273 cd
70%	181151 cd
80%	207030 cd

Conditions:

Number of c-planes: 2

Candela at center: 258788 cd

ISO LUX DIAGRAM



3%	77,6 lx
5%	129 lx
10%	259 lx
30%	776 lx
50%	1294 lx

Conditions:

Number of c-planes: 2

Lux at center: 2588 lx

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



Total lumen output:

344 lm

Peak candela output:

999 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

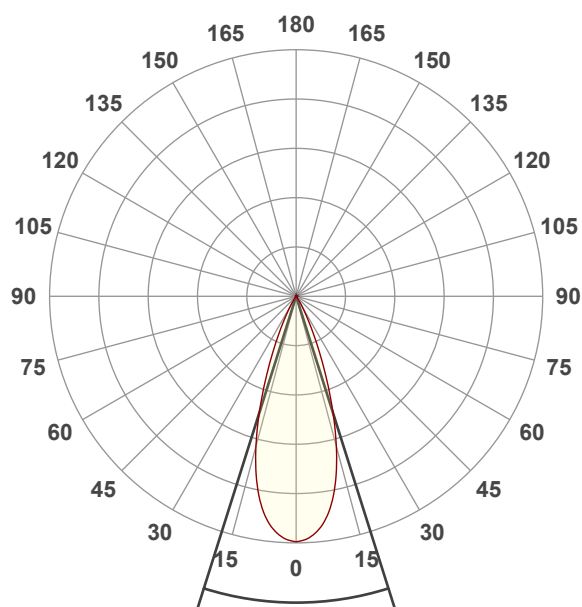
Red

Operator:

Paolo Carvone

Date and time:

04/04/2022 18:25:06

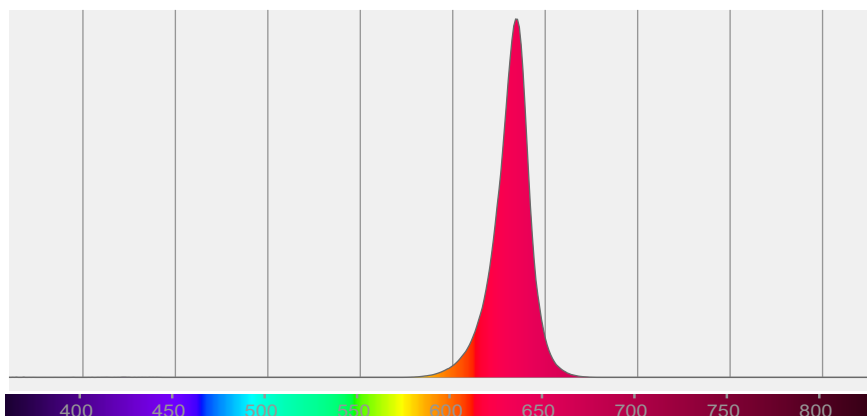


Beam angle 50%: 35,1°

Field angle 10%: 54,6°

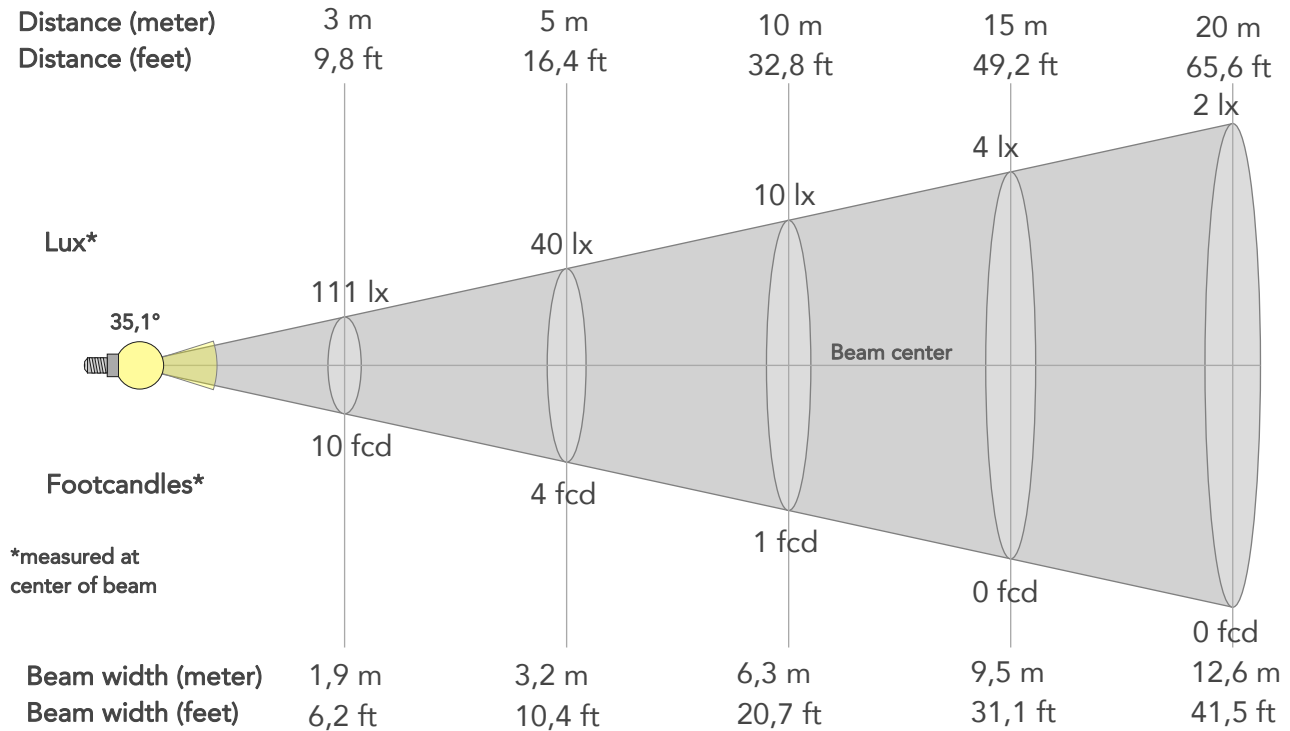
Cut off angle 2.5%: 65,7°

Spectra



BEAM DETAILS

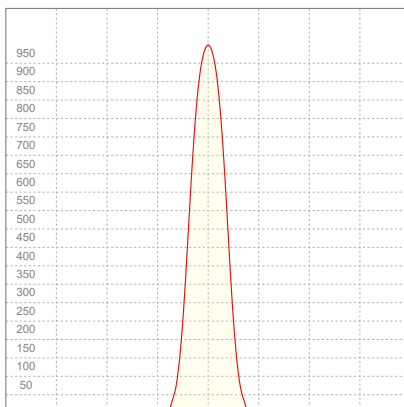
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35,1°	54,6°	65,7°	100,0%	100,0%



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	999lx	250lx	111lx	62lx	40lx	18lx	10lx	4lx	2lx	2lx	1lx	1lx	0lx
Footcand.	93fcd	23fcd	10fcd	6fcd	4fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,7m	6,3m	9,5m	12,6m	15,8m	19m	25,3m	31,6m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,4ft	15,5ft	20,7ft	31,1ft	41,5ft	51,8ft	62,2ft	82,9ft	103,6ft

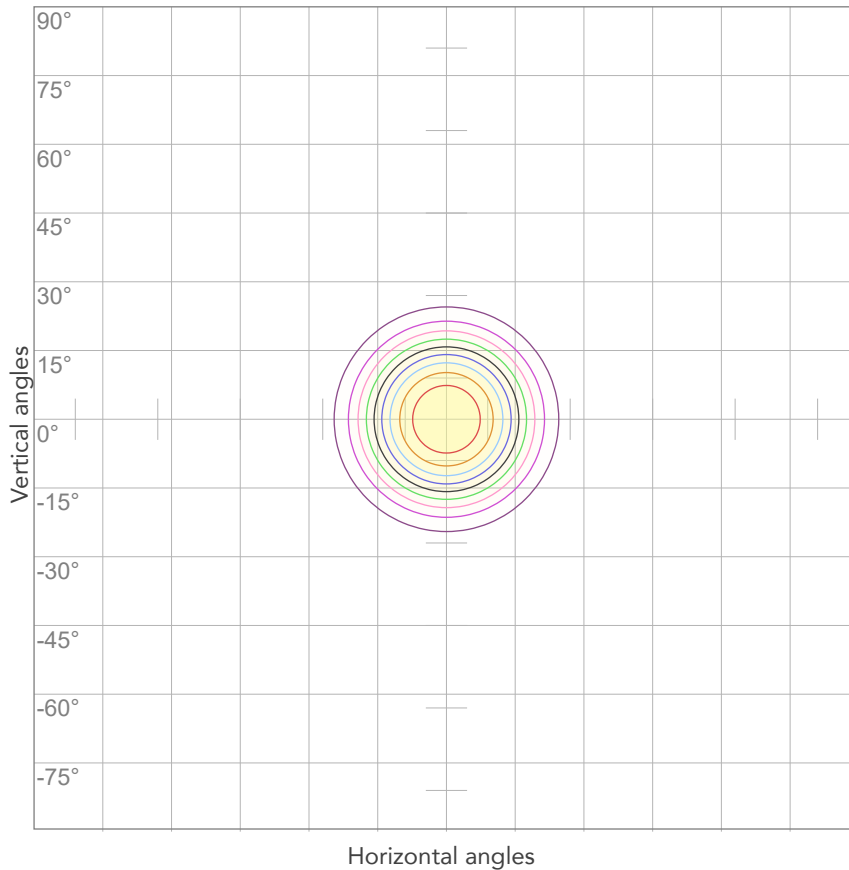
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,239A	40,7W	8lm/W
Power FC			
0,76			

ISO CANDELA DIAGRAM



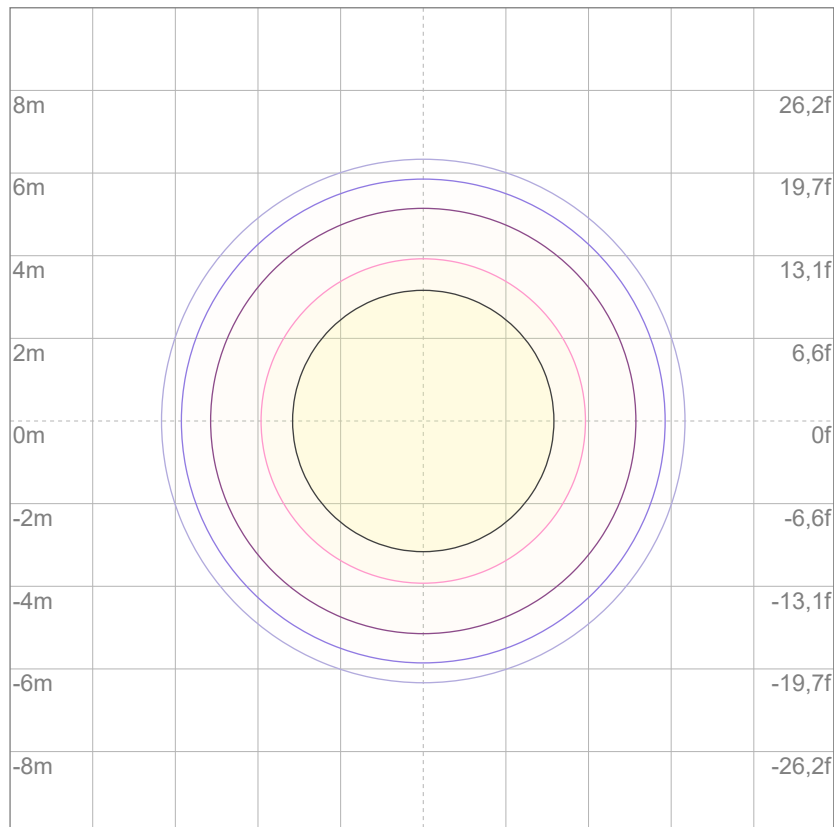
10%	100 cd
20%	200 cd
30%	300 cd
40%	400 cd
50%	499 cd
60%	599 cd
70%	699 cd
80%	799 cd

Conditions:

Number of c-planes: 2

Candela at center: 999 cd

ISO LUX DIAGRAM



Mounting height: 10 meters (33 feet)

3%	0,300 lx
5%	0,499 lx
10%	0,999 lx
30%	3,00 lx
50%	4,99 lx

Conditions:

Number of c-planes: 2

Lux at center: 9,99 lx

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



Total lumen output:

277 lm

Peak candela output:

3264 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

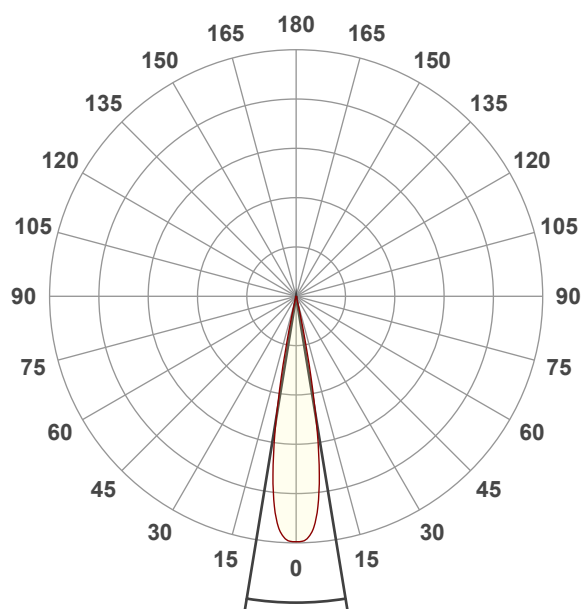
Red

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:03:47

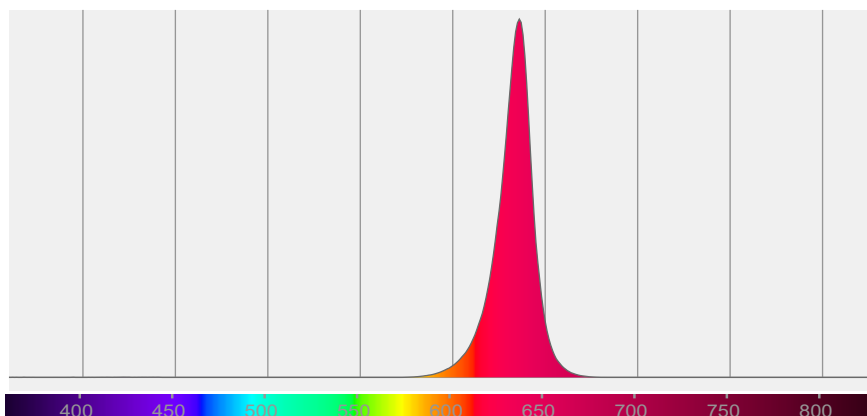


Beam angle 50%: 18,6°

Field angle 10%: 24,9°

Cut off angle 2.5%: 27,2°

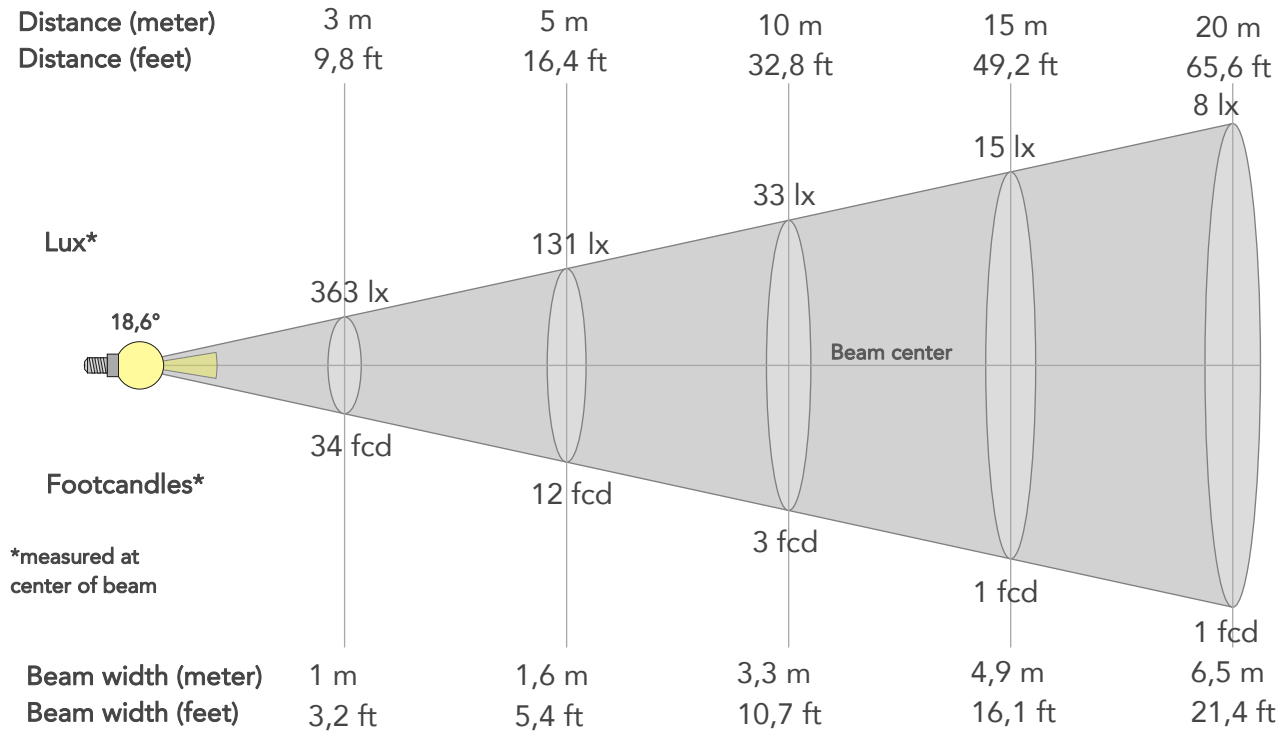
Spectra



BEAM DETAILS



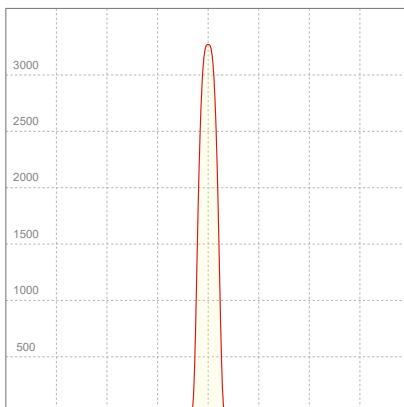
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,6°	24,9°	27,2°	100,0%	100,0%



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	3264lx	816lx	363lx	204lx	131lx	58lx	33lx	15lx	8lx	5lx	4lx	2lx	1lx
Footcand.	303fcd	76fcd	34fcd	19fcd	12fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,3m	0,7m	1m	1,3m	1,6m	2,5m	3,3m	4,9m	6,5m	8,2m	9,8m	13,1m	16,3m
Beam wid.	1,1ft	2,2ft	3,2ft	4,3ft	5,4ft	8ft	10,7ft	16,1ft	21,4ft	26,8ft	32,2ft	42,9ft	53,6ft

LINEAR DISTRIBUTION DIAGRAM

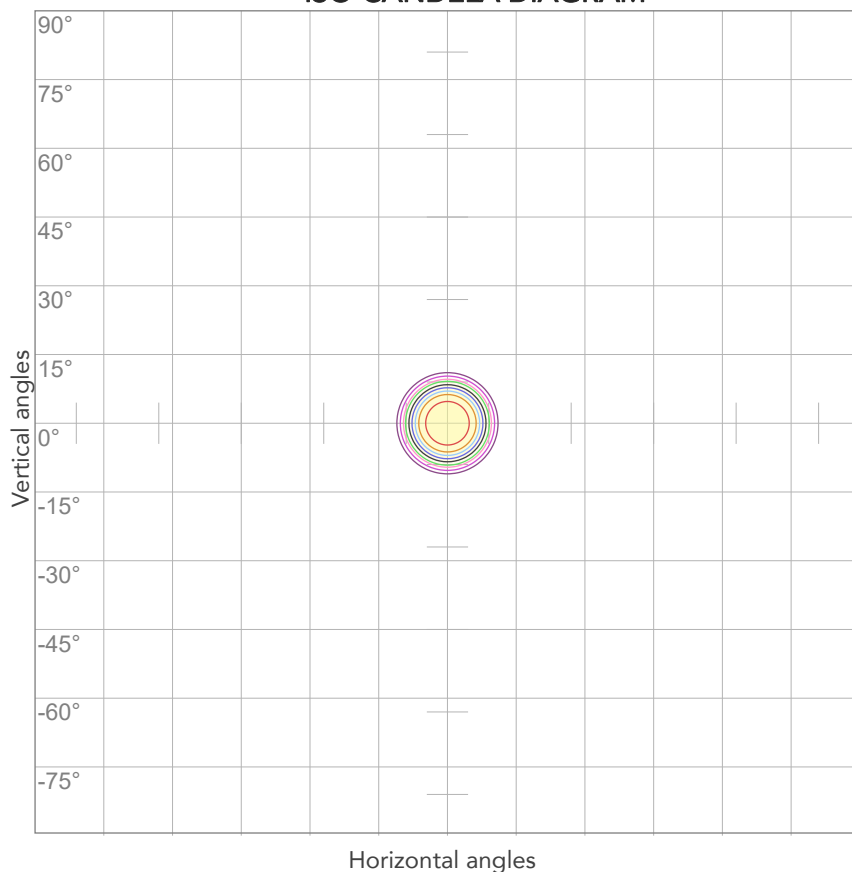


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,233A	39,2W	7lm/W

Power FC
0,74

ISO CANDELA DIAGRAM



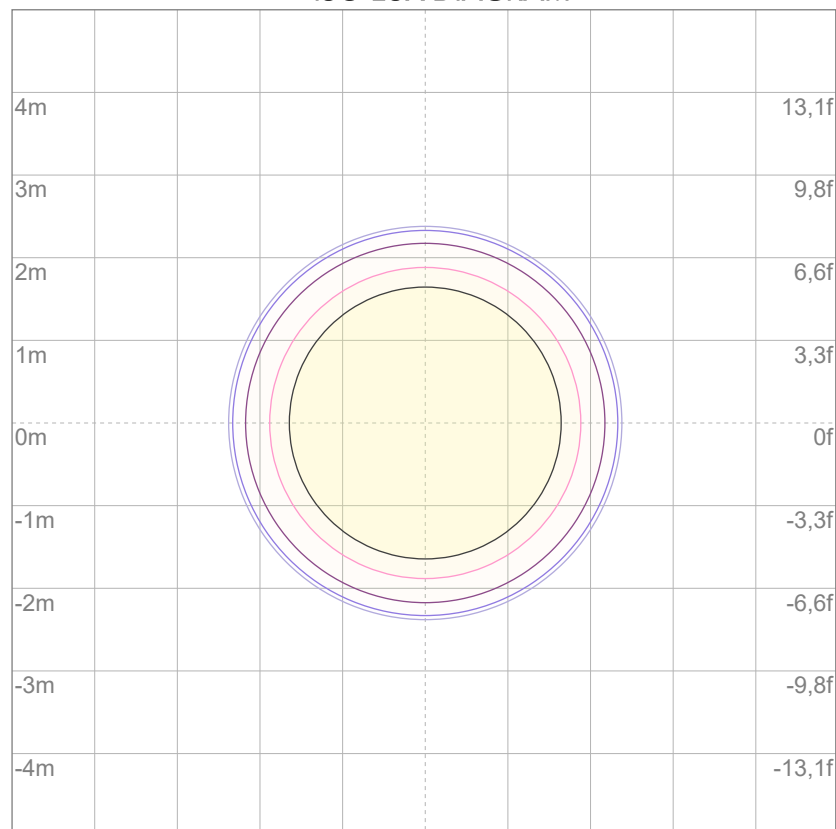
10%	326 cd
20%	653 cd
30%	979 cd
40%	1306 cd
50%	1632 cd
60%	1958 cd
70%	2285 cd
80%	2611 cd

Conditions:

Number of c-planes: 2

Candela at center: 3264 cd

ISO LUX DIAGRAM



3%	0,979 lx
5%	1,63 lx
10%	3,26 lx
30%	9,79 lx
50%	16,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 32,6 lx

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



Total lumen output:

220 lm

Peak candela output:

45570 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

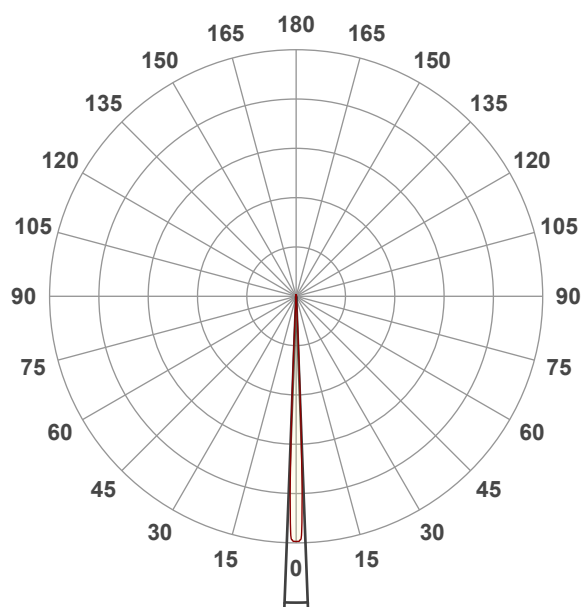
Red

Operator:

Paolo Carvone

Date and time:

05/04/2022 11:27:06

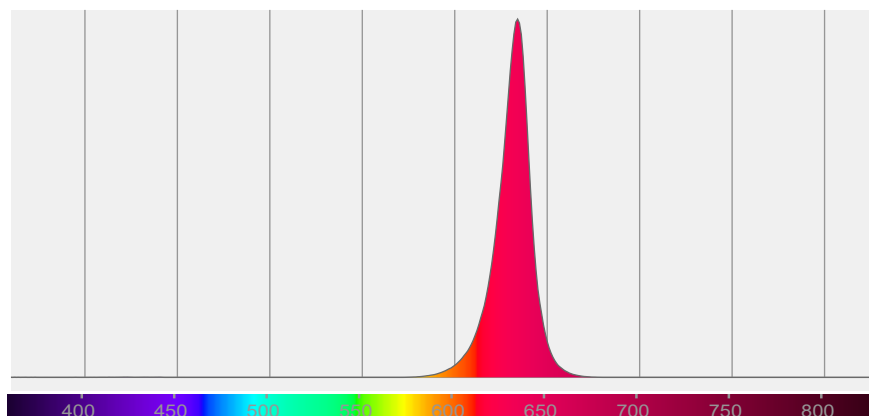


Beam angle 50%: 4,3°

Field angle 10%: 5,7°

Cut off angle 2.5%: 6,5°

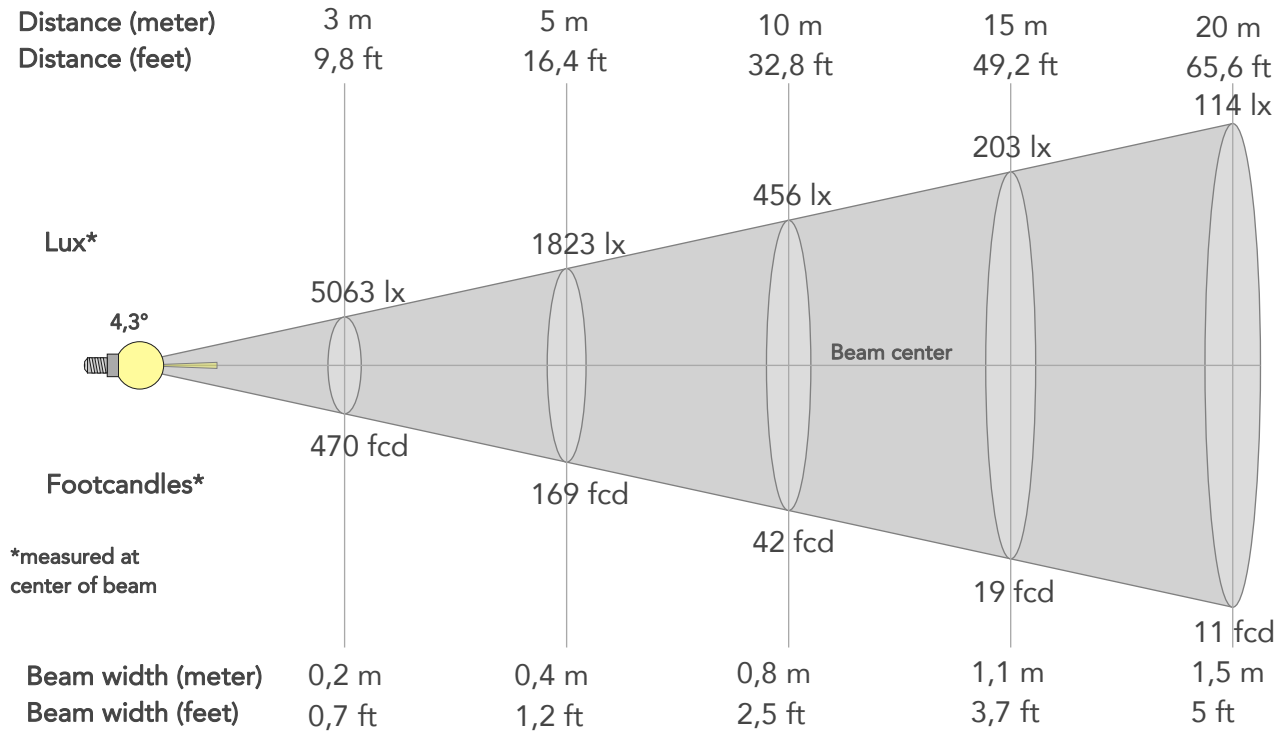
Spectra



BEAM DETAILS



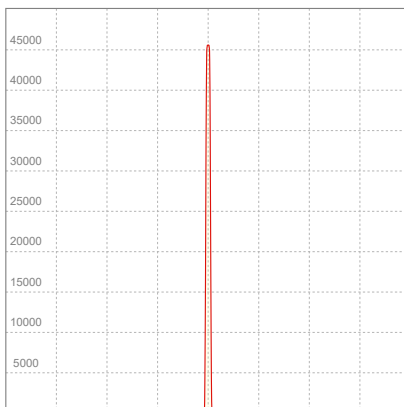
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,3°	5,7°	6,5°	99,8%	99,8%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	45570lx	11393lx	5063lx	2848lx	1823lx	810lx	456lx	203lx	114lx	73lx	51lx	28lx	18lx
Footcand.	4234fcd	1058fcd	470fcd	265fcd	169fcd	75fcd	42fcd	19fcd	11fcd	7fcd	5fcd	3fcd	2fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,1m	1,5m	1,9m	2,3m	3m	3,8m
Beam wid.	0,2ft	0,5ft	0,7ft	1ft	1,2ft	1,9ft	2,5ft	3,7ft	5ft	6,2ft	7,5ft	9,9ft	12,4ft

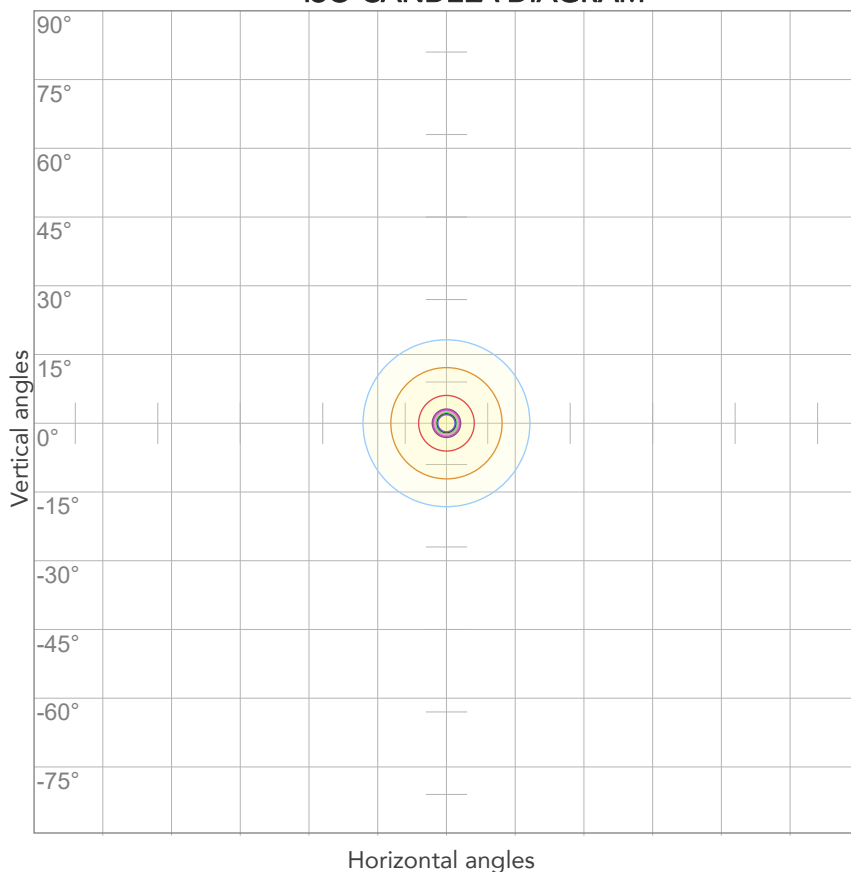
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,244A	41,7W	5lm/W
Power FC			
0,75			

ISO CANDELA DIAGRAM



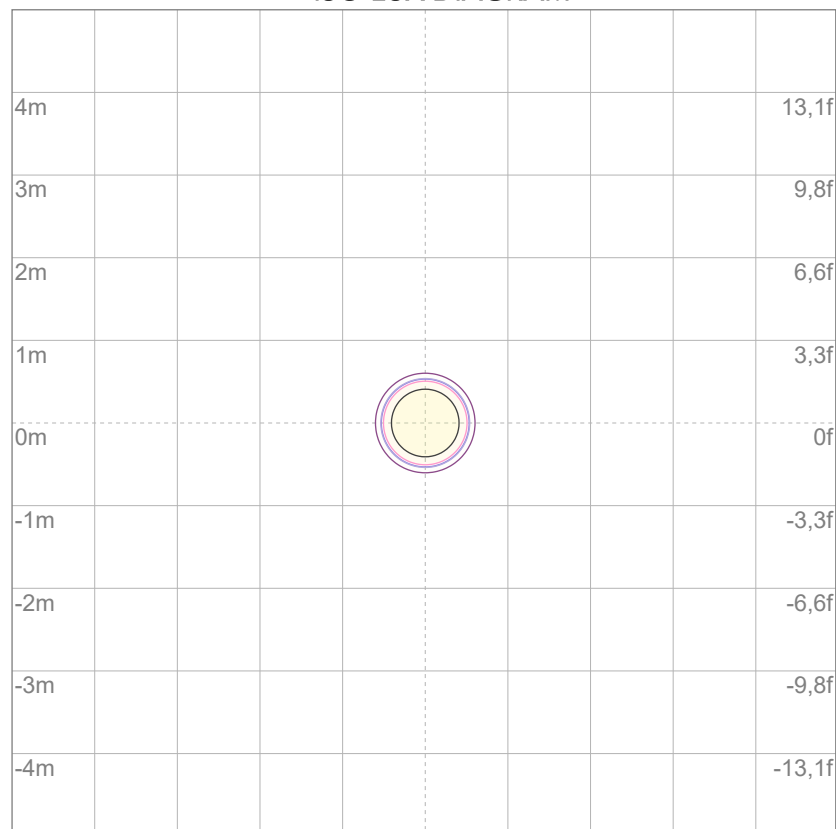
10%	4557 cd
20%	9114 cd
30%	13671 cd
40%	18228 cd
50%	22785 cd
60%	27342 cd
70%	31899 cd
80%	36456 cd

Conditions:

Number of c-planes: 2

Candela at center: 45570 cd

ISO LUX DIAGRAM



3%	13,7 lx
5%	22,8 lx
10%	45,6 lx
30%	137 lx
50%	228 lx

Conditions:

Number of c-planes: 2

Lux at center: 456 lx

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



Total lumen output:

592 lm

Peak candela output:

1712 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

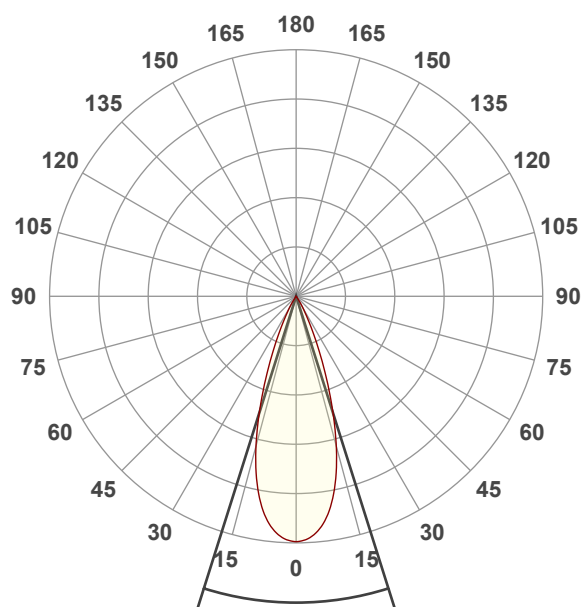
Green

Operator:

Paolo Carvone

Date and time:

04/04/2022 18:27:05

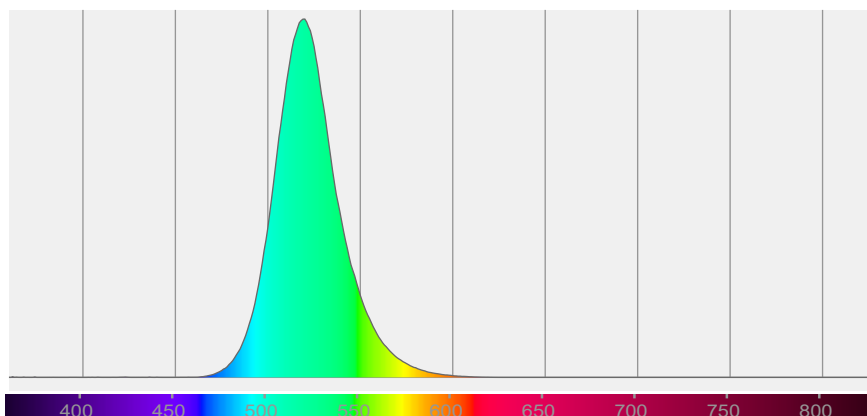


Beam angle 50%: 35,1°

Field angle 10%: 54,9°

Cut off angle 2.5%: 65,8°

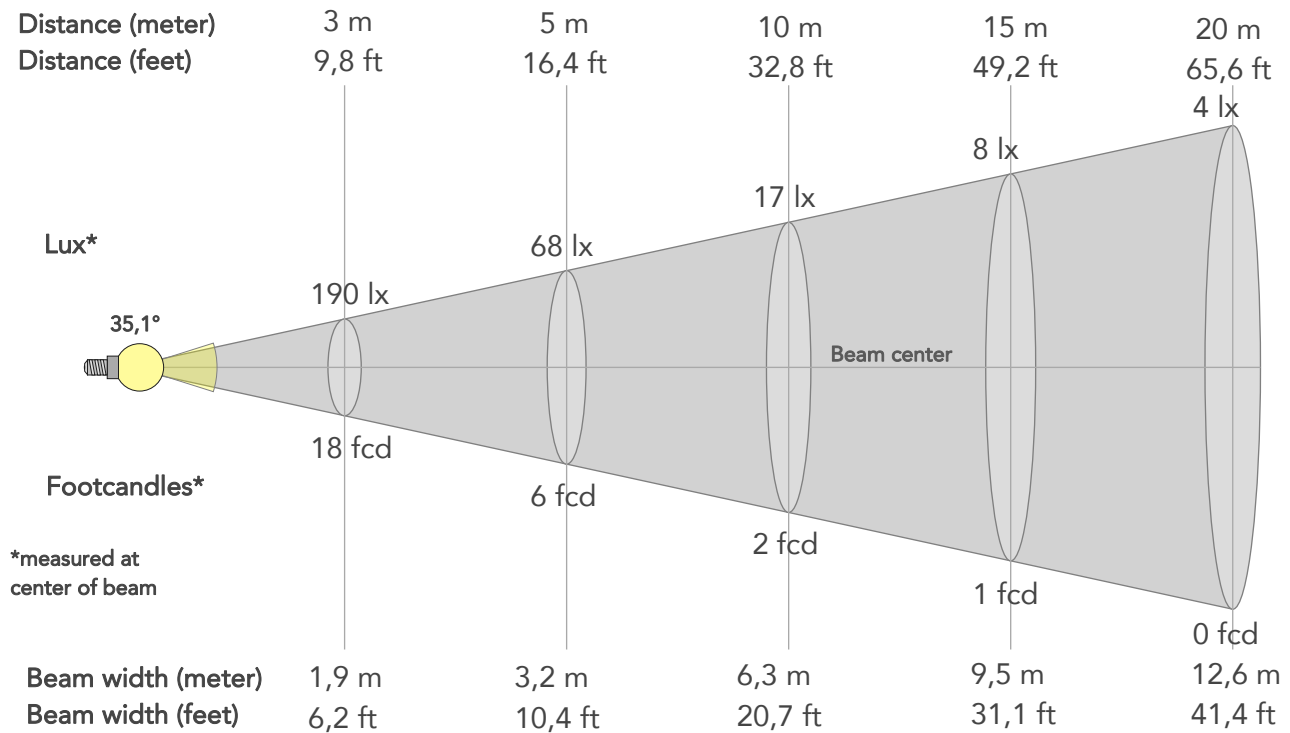
Spectra



BEAM DETAILS



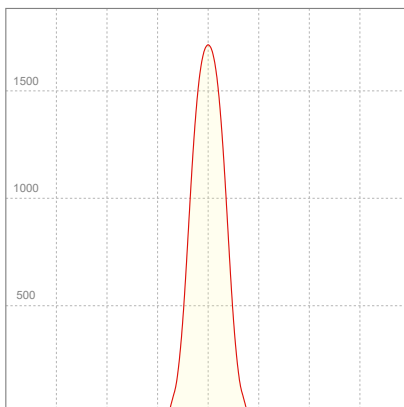
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35,1°	54,9°	65,8°	100,0%	100,0%



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	1712lx	428lx	190lx	107lx	68lx	30lx	17lx	8lx	4lx	3lx	2lx	1lx	1lx
Footcand.	159fcd	40fcd	18fcd	10fcd	6fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,7m	6,3m	9,5m	12,6m	15,8m	19m	25,3m	31,6m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,4ft	15,5ft	20,7ft	31,1ft	41,4ft	51,8ft	62,2ft	82,9ft	103,6ft

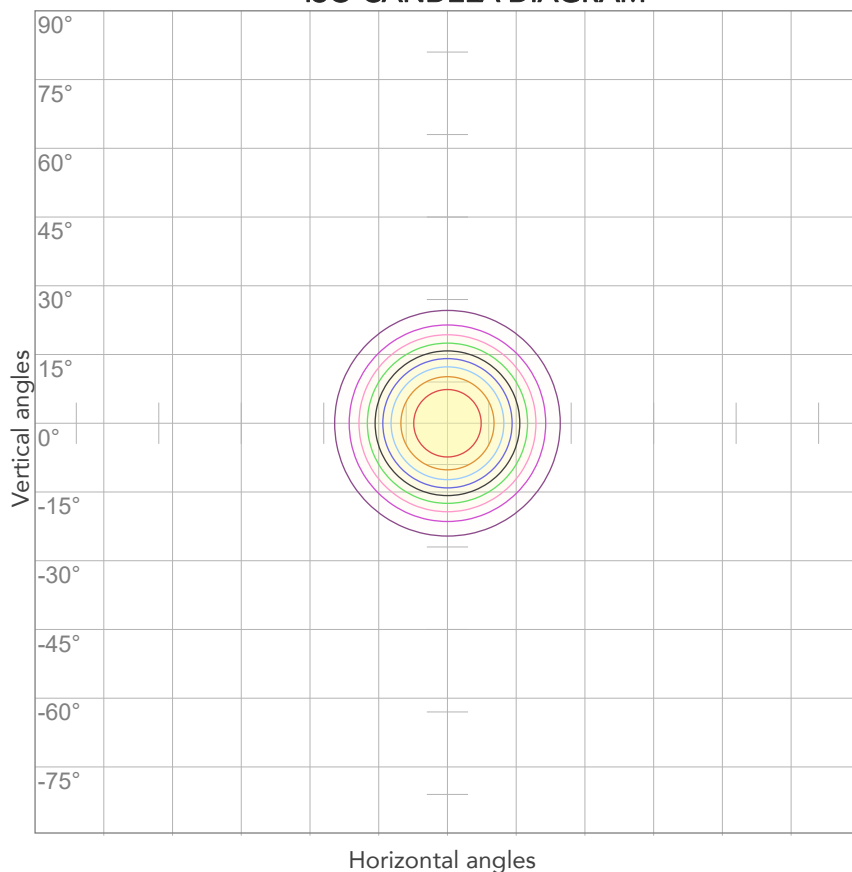
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,262A	46,7W	13lm/W
Power FC			
0,79			

ISO CANDELA DIAGRAM



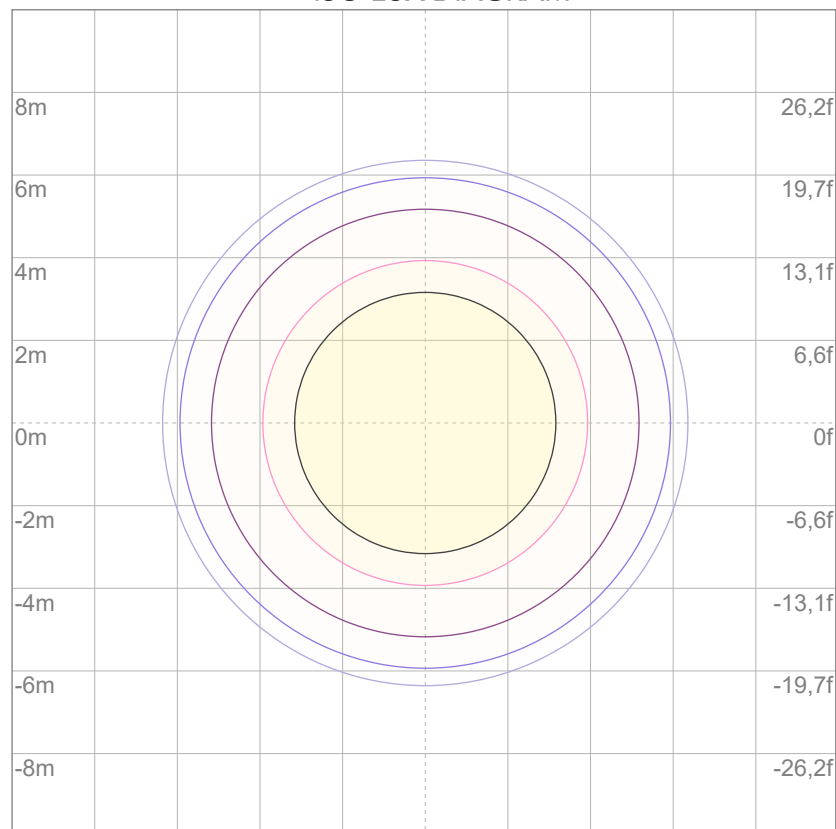
10%	171 cd
20%	342 cd
30%	514 cd
40%	685 cd
50%	856 cd
60%	1027 cd
70%	1199 cd
80%	1370 cd

Conditions:

Number of c-planes: 2

Candela at center: 1712 cd

ISO LUX DIAGRAM



3%	0,514 lx
5%	0,856 lx
10%	1,71 lx
30%	5,14 lx
50%	8,56 lx

Conditions:

Number of c-planes: 2

Lux at center: 17,1 lx

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



Total lumen output:

506 lm

Peak candela output:

6102 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

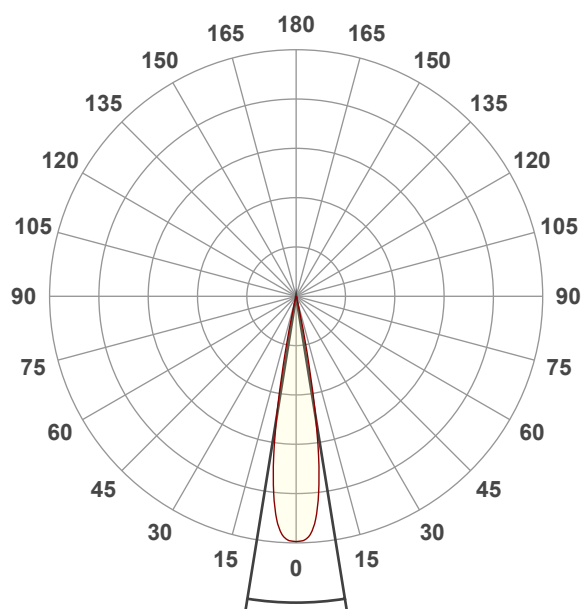
Green

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:05:07

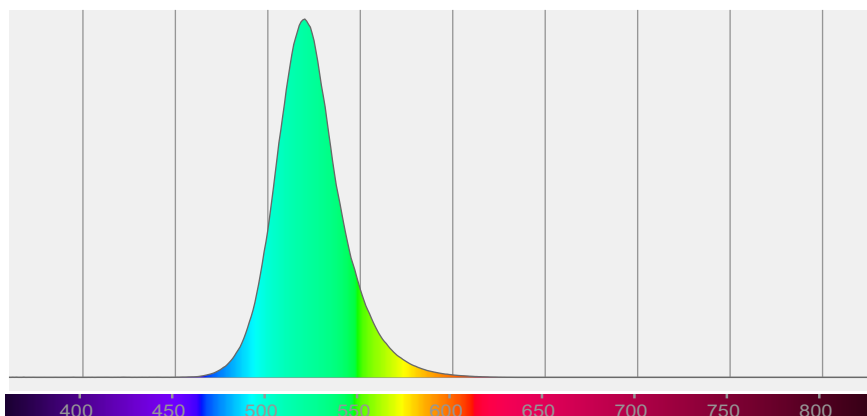


Beam angle 50%: 18,3°

Field angle 10%: 24,5°

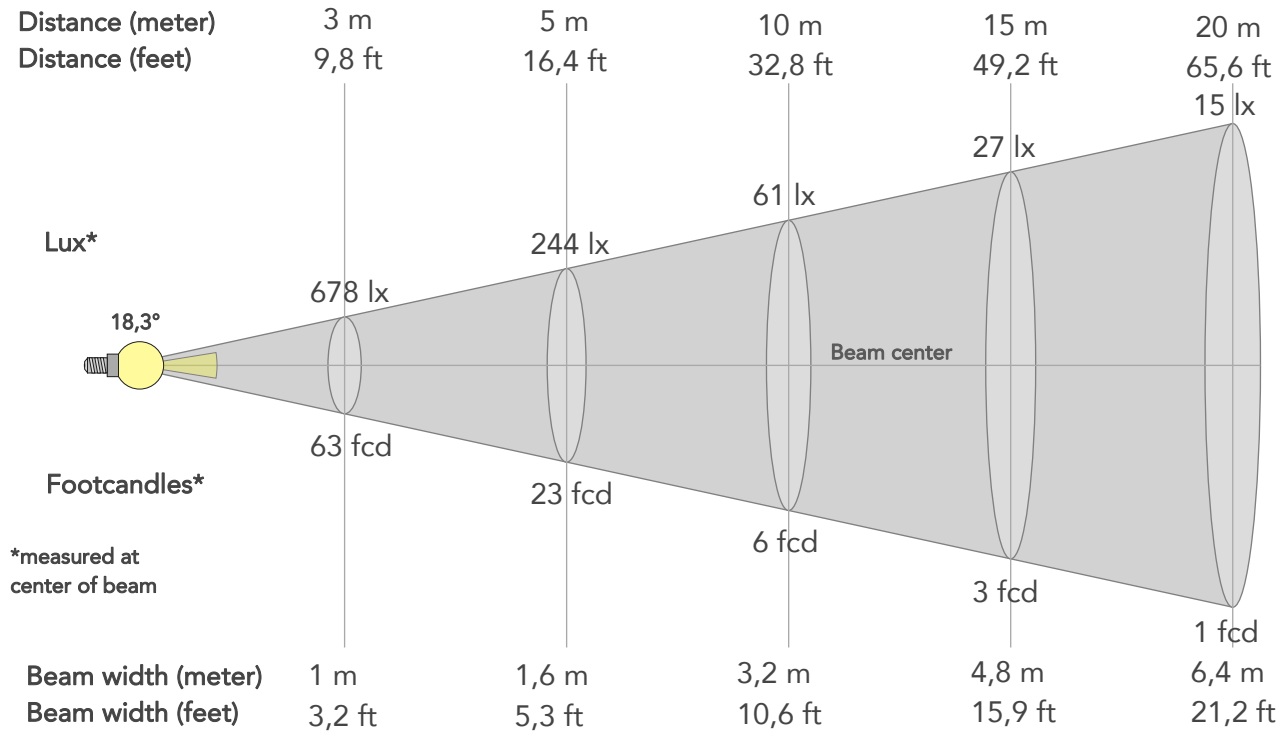
Cut off angle 2.5%: 27,3°

Spectra



BEAM DETAILS

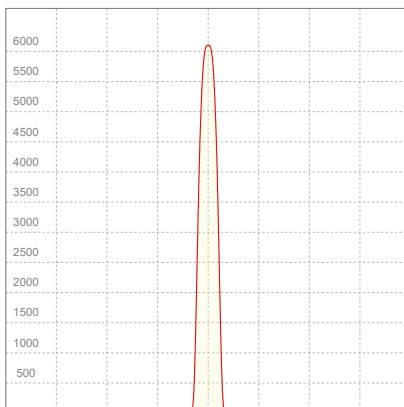
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,3°	24,5°	27,3°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	6102lx	1526lx	678lx	381lx	244lx	108lx	61lx	27lx	15lx	10lx	7lx	4lx	2lx
Footcand.	567fcd	142fcd	63fcd	35fcd	23fcd	10fcd	6fcd	3fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,3m	0,6m	1m	1,3m	1,6m	2,4m	3,2m	4,8m	6,4m	8,1m	9,7m	12,9m	16,1m
Beam wid.	1,1ft	2,1ft	3,2ft	4,2ft	5,3ft	7,9ft	10,6ft	15,9ft	21,2ft	26,4ft	31,7ft	42,3ft	52,9ft

LINEAR DISTRIBUTION DIAGRAM

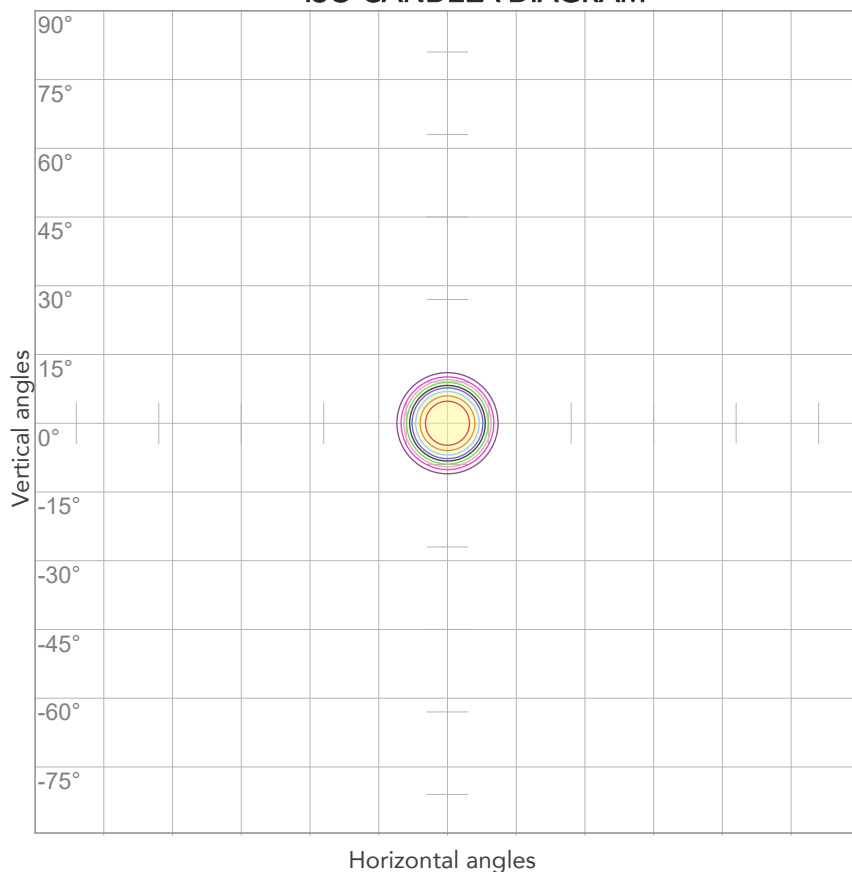


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,255A	45,0W	11lm/W

Power FC
0,77

ISO CANDELA DIAGRAM



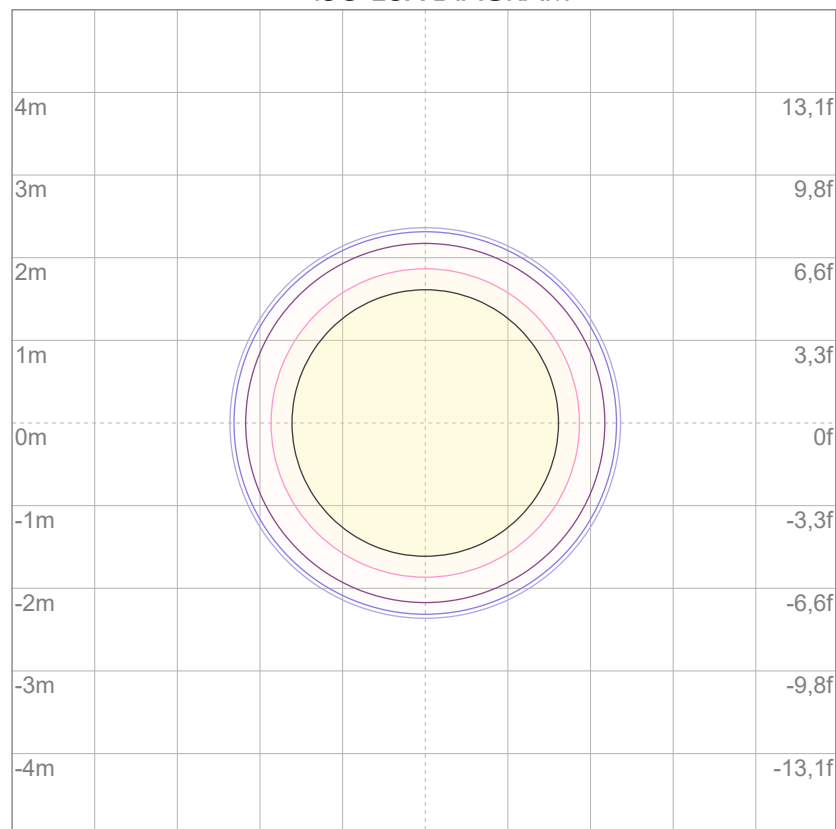
10%	610 cd
20%	1220 cd
30%	1831 cd
40%	2441 cd
50%	3051 cd
60%	3661 cd
70%	4272 cd
80%	4882 cd

Conditions:

Number of c-planes: 2

Candela at center: 6102 cd

ISO LUX DIAGRAM



3%	1,83 lx
5%	3,05 lx
10%	6,10 lx
30%	18,3 lx
50%	30,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 61,0 lx

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



Total lumen output:

384 lm

Peak candela output:

74763 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

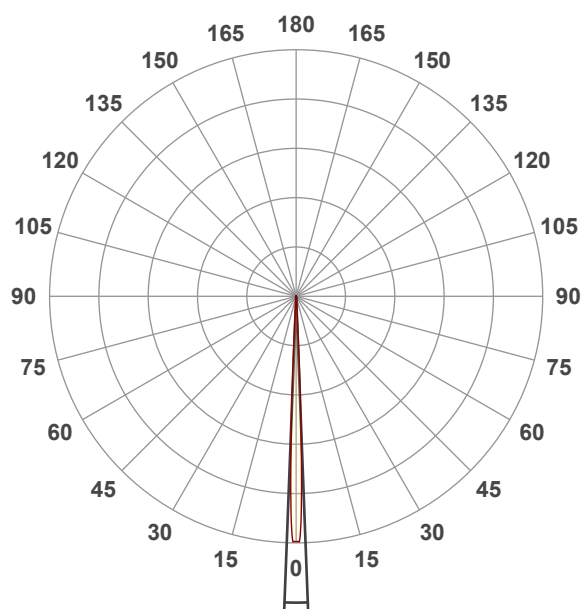
Green

Operator:

Paolo Carvone

Date and time:

05/04/2022 11:31:59

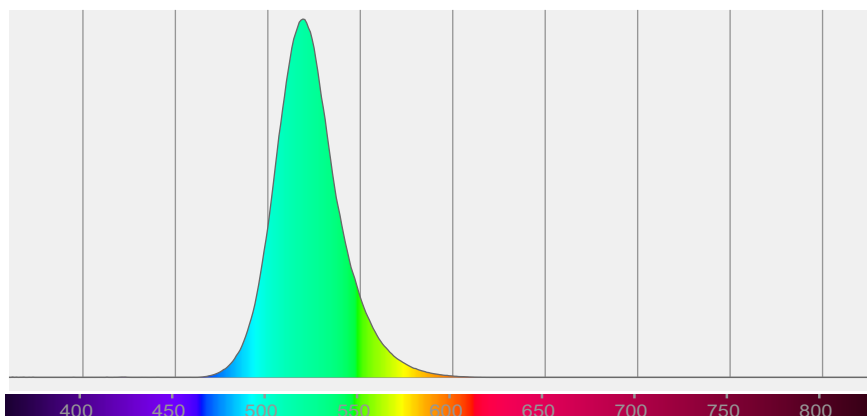


Beam angle 50%: 4,4°

Field angle 10%: 6,4°

Cut off angle 2.5%: 7,3°

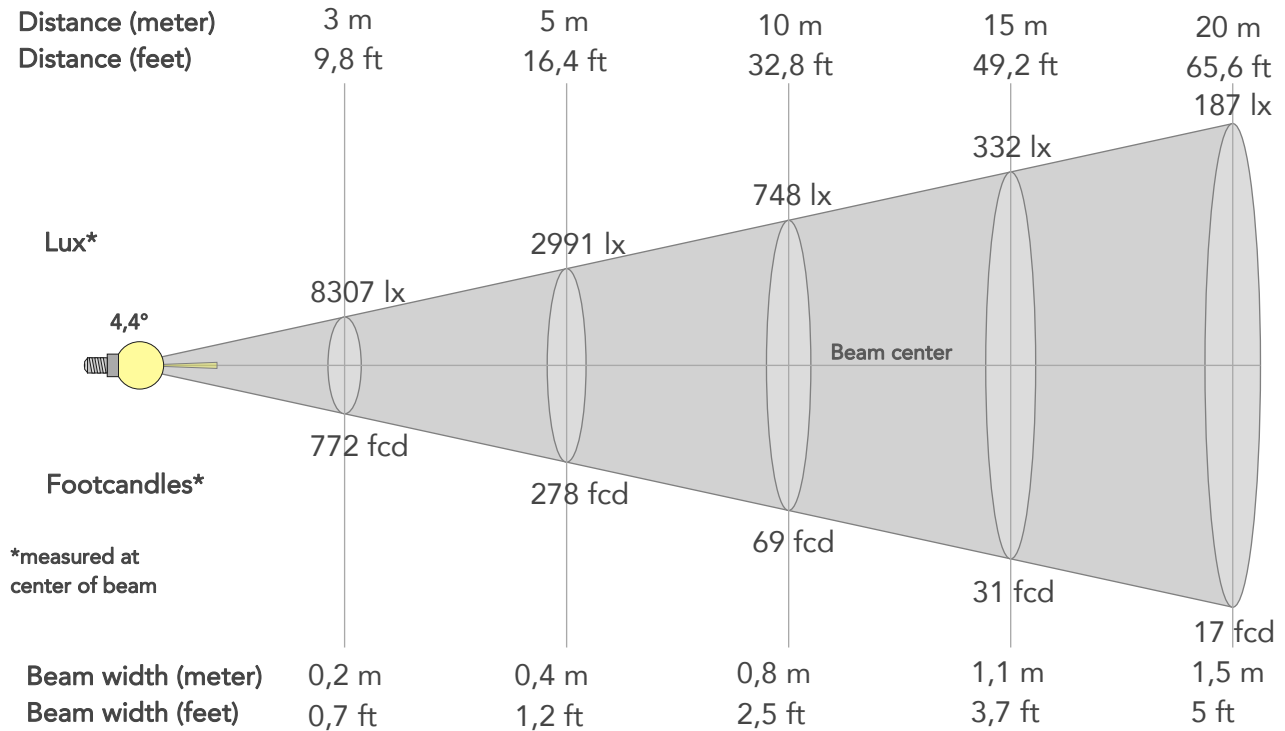
Spectra



BEAM DETAILS



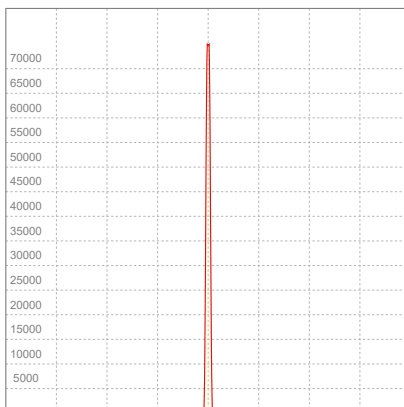
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,4°	6,4°	7,3°	99,9%	99,9%



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	74763lx	18691lx	8307lx	4673lx	2991lx	1329lx	748lx	332lx	187lx	120lx	83lx	47lx	30lx
Footcand.	6946fcd	1736fcd	772fcd	434fcd	278fcd	123fcd	69fcd	31fcd	17fcd	11fcd	8fcd	4fcd	3fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,1m	1,5m	1,9m	2,3m	3m	3,8m
Beam wid.	0,3ft	0,5ft	0,7ft	1ft	1,2ft	1,9ft	2,5ft	3,7ft	5ft	6,2ft	7,5ft	10ft	12,5ft

LINEAR DISTRIBUTION DIAGRAM

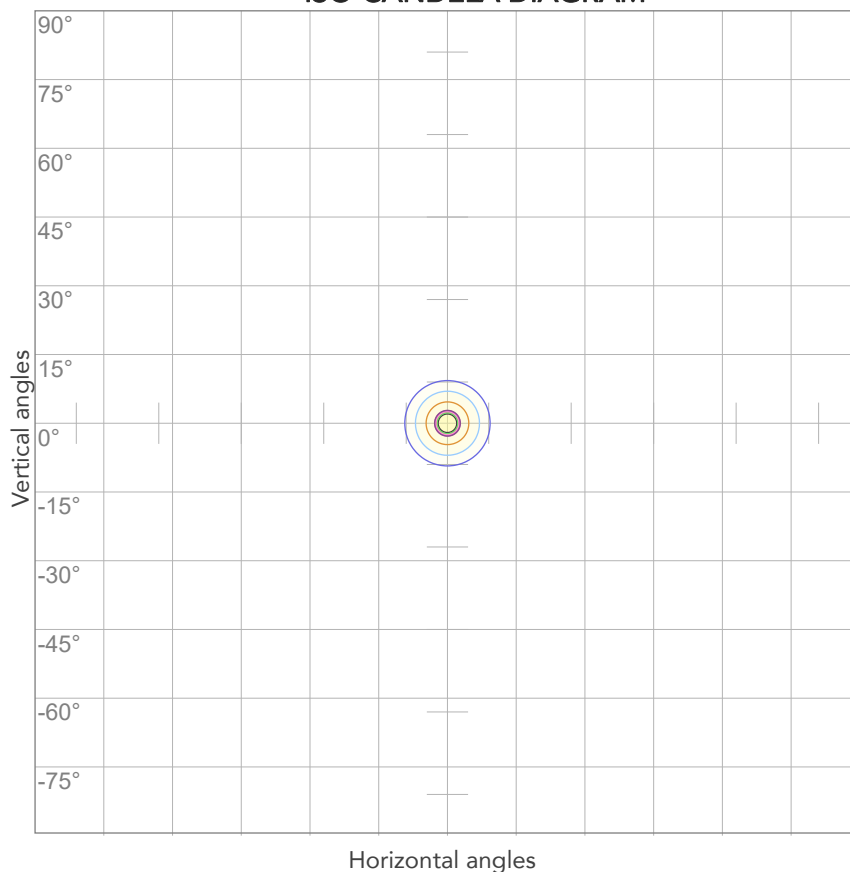


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,267A	47,6W	8lm/W

Power FC
0,79

ISO CANDELA DIAGRAM



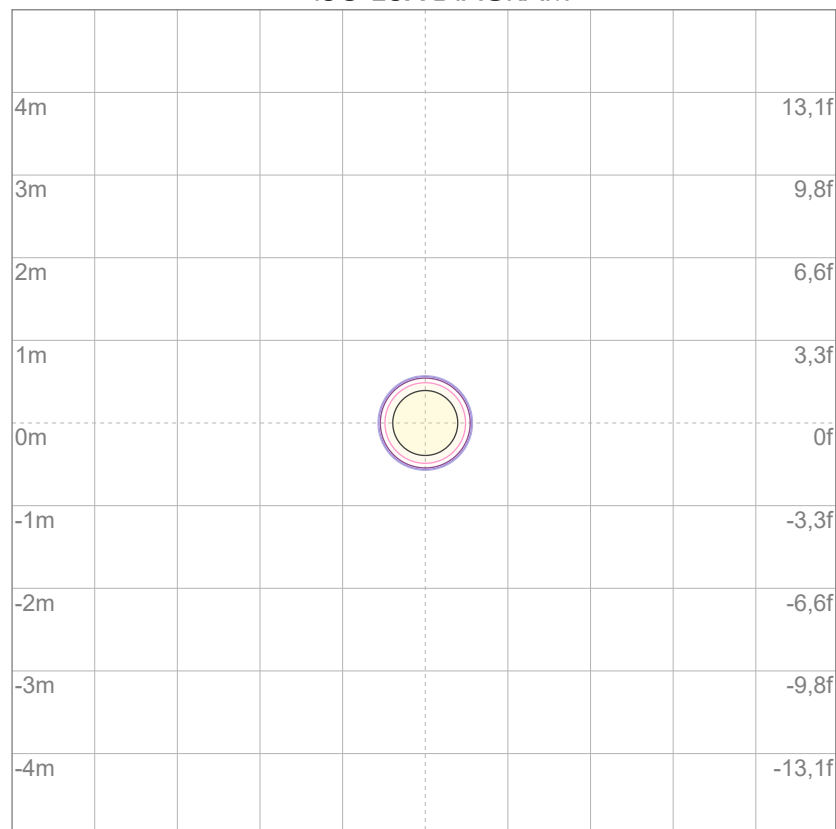
10%	7476 cd
20%	14953 cd
30%	22429 cd
40%	29905 cd
50%	37382 cd
60%	44858 cd
70%	52334 cd
80%	59811 cd

Conditions:

Number of c-planes: 2

Candela at center: 74763 cd

ISO LUX DIAGRAM



3%	22,4 lx
5%	37,4 lx
10%	74,8 lx
30%	224 lx
50%	374 lx

Conditions:

Number of c-planes: 2

Lux at center: 748 lx

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



Total lumen output:

141 lm

Peak candela output:

414 cd

PRODUCT NAME:

JETWASH7

MEASUREMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

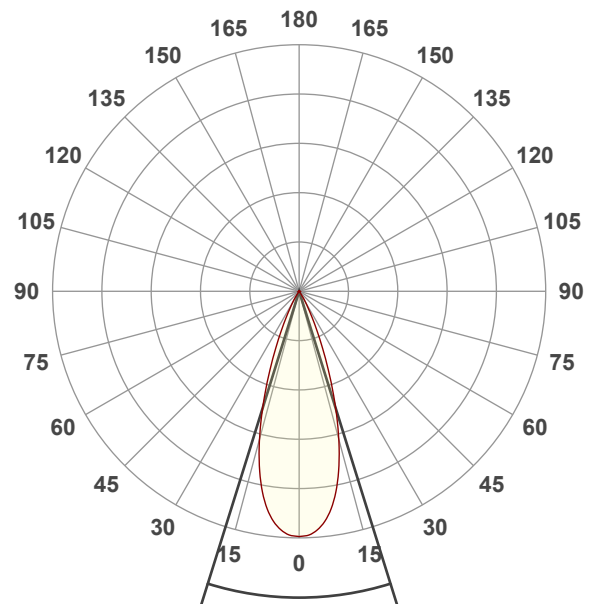
Blue

Operator:

Paolo Carvone

Date and time:

04/04/2022 18:30:55

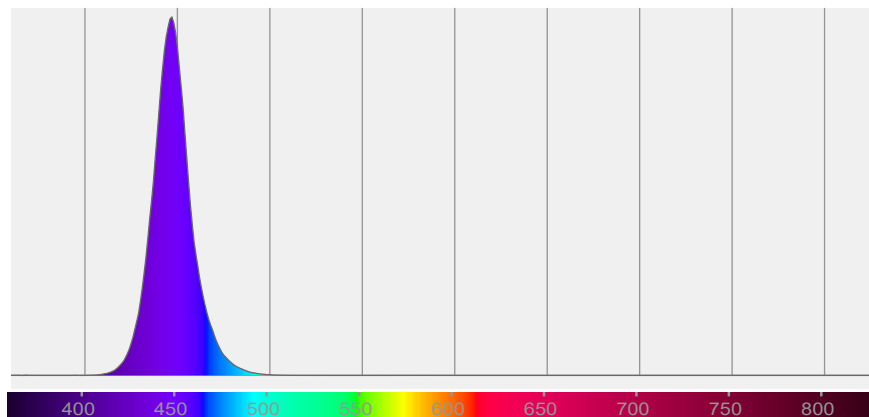


Beam angle 50%: 34,7°

Field angle 10%: 54,5°

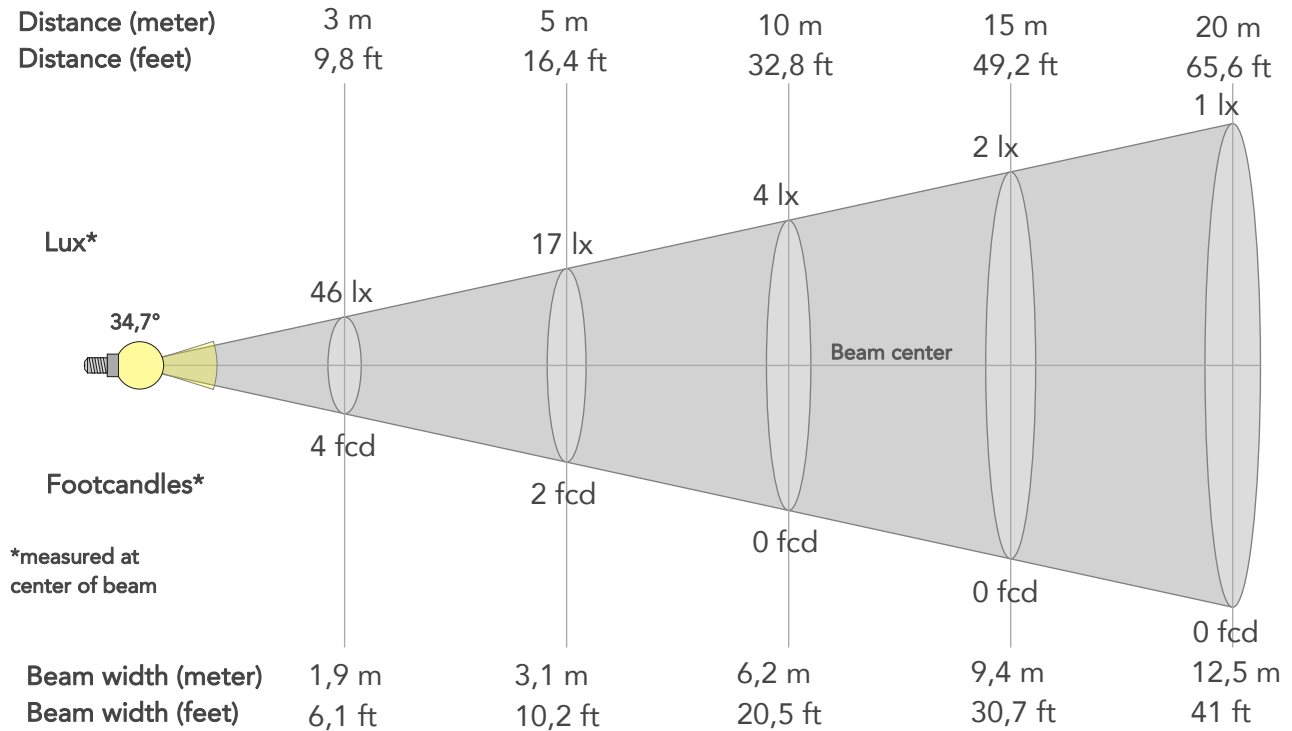
Cut off angle 2.5%: 65,4°

Spectra



BEAM DETAILS

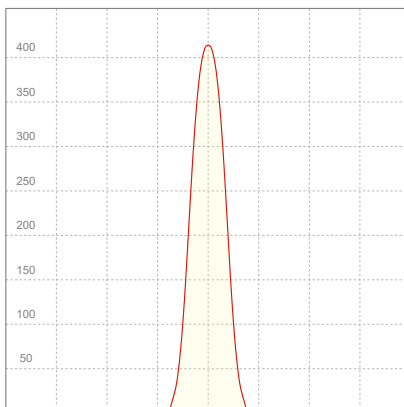
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
34,7°	54,5°	65,4°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	414lx	103lx	46lx	26lx	17lx	7lx	4lx	2lx	1lx	1lx	0lx	0lx	0lx
Footcand.	38fcd	10fcd	4fcd	2fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,2m	1,9m	2,5m	3,1m	4,7m	6,2m	9,4m	12,5m	15,6m	18,7m	25m	31,2m
Beam wid.	2,1ft	4,1ft	6,1ft	8,2ft	10,2ft	15,4ft	20,5ft	30,7ft	41ft	51,2ft	61,5ft	82ft	102,5ft

LINEAR DISTRIBUTION DIAGRAM

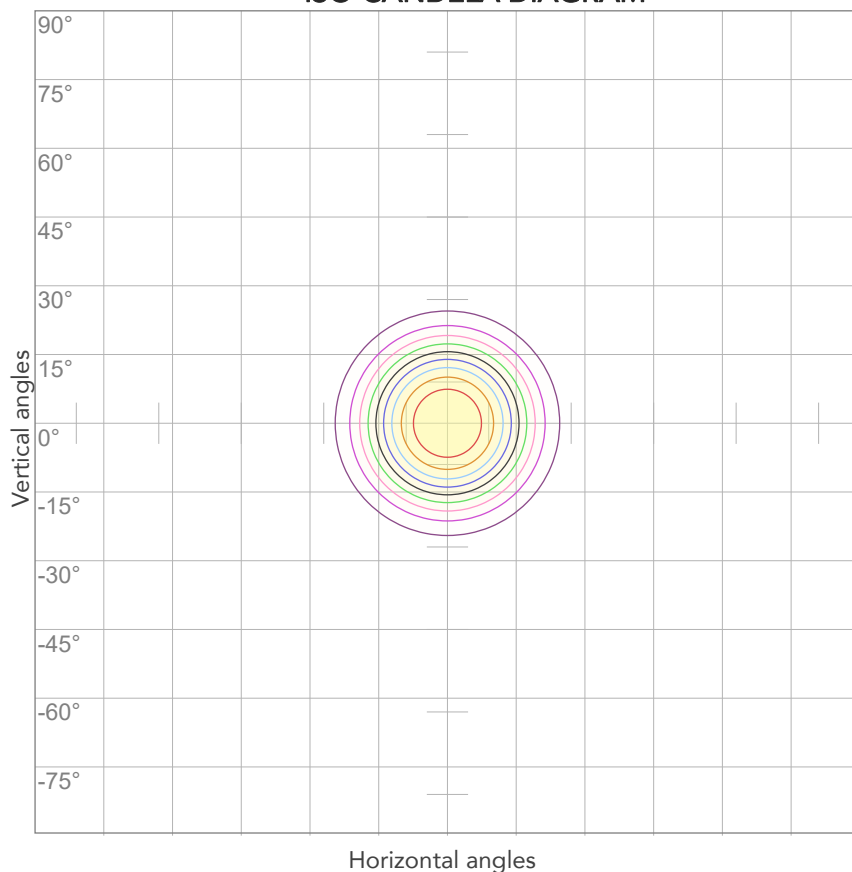


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,263A	46,8W	3lm/W

Power FC
0,79

ISO CANDELA DIAGRAM



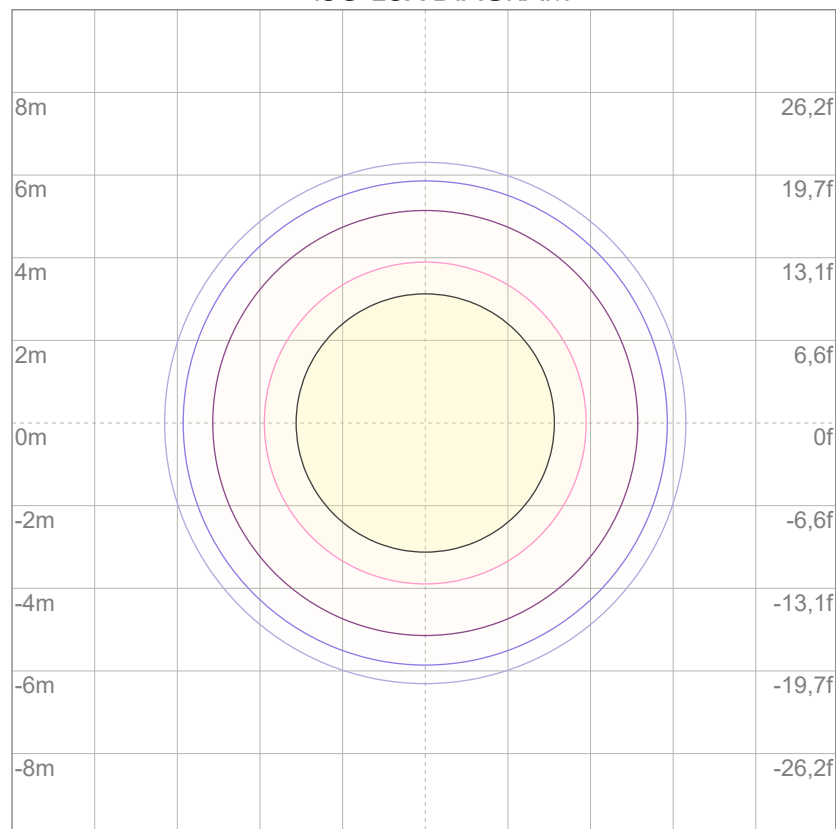
10%	41 cd
20%	83 cd
30%	124 cd
40%	166 cd
50%	207 cd
60%	248 cd
70%	290 cd
80%	331 cd

Conditions:

Number of c-planes: 2

Candela at center: 414 cd

ISO LUX DIAGRAM



3%	0,124 lx
5%	0,207 lx
10%	0,414 lx
30%	1,24 lx
50%	2,07 lx

Conditions:

Number of c-planes: 2

Lux at center: 4,14 lx

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



Total lumen output:

122 lm

Peak candela output:

1537 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

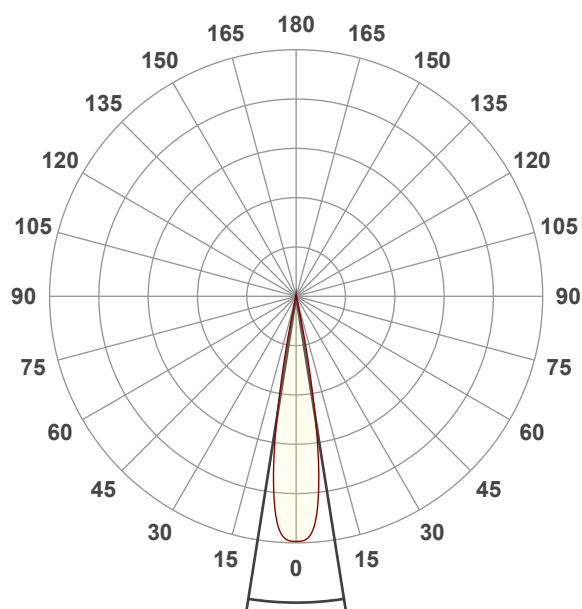
Blue

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:07:17

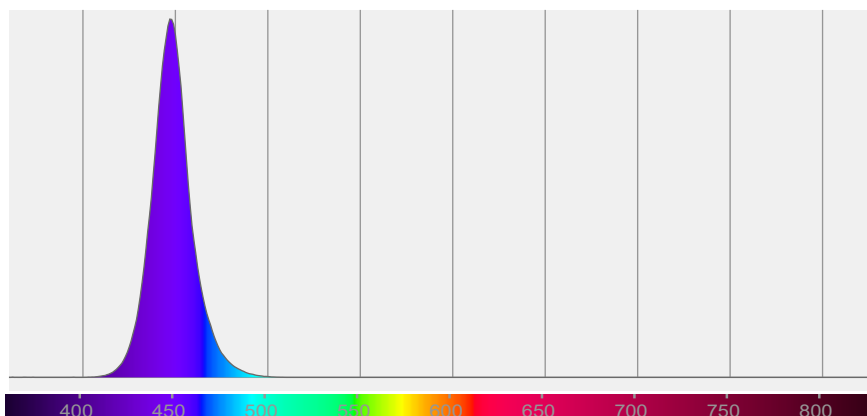


Beam angle 50%: 18°

Field angle 10%: 23,8°

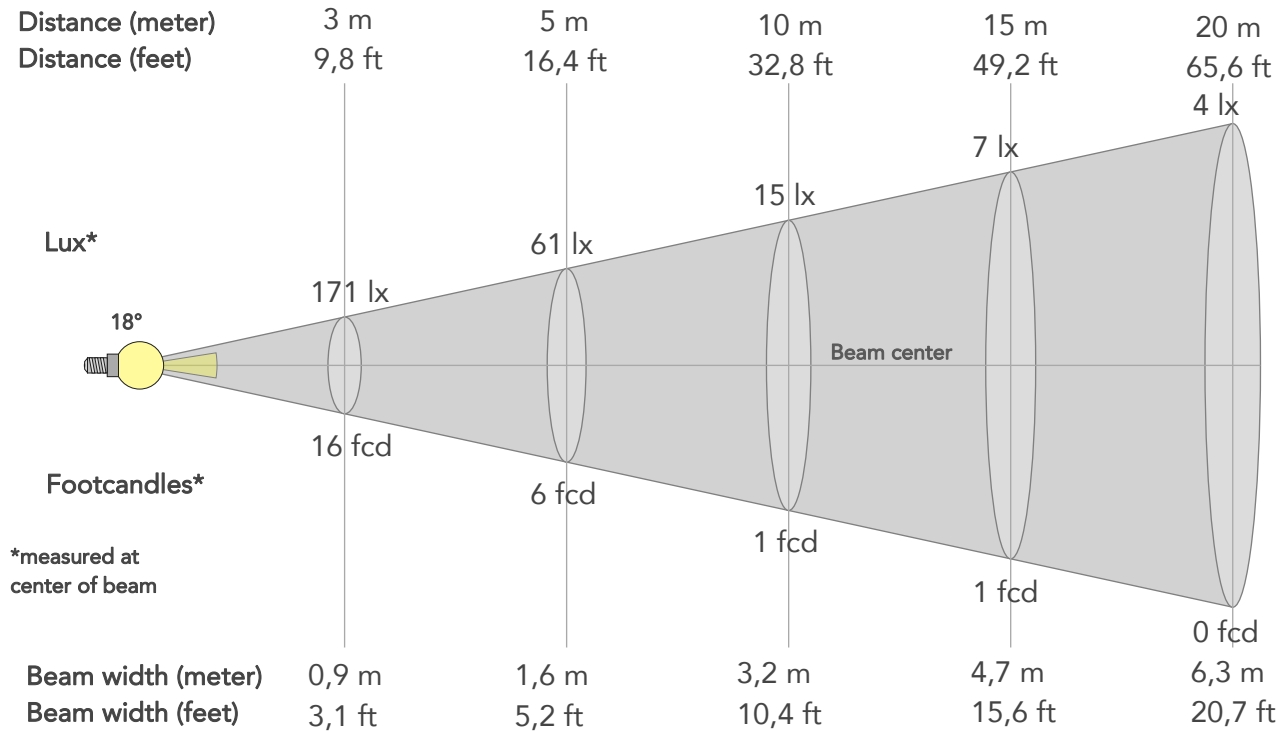
Cut off angle 2.5%: 26,1°

Spectra



BEAM DETAILS

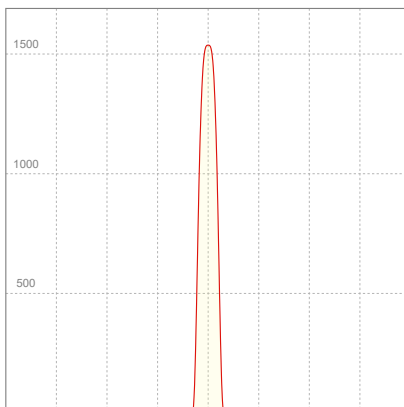
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18°	23,8°	26,1°	99,9%	99,9%



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	1537lx	384lx	171lx	96lx	61lx	27lx	15lx	7lx	4lx	2lx	2lx	1lx	1lx
Footcand.	143fcd	36fcd	16fcd	9fcd	6fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	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	10,4ft	15,6ft	20,7ft	25,9ft	31,1ft	41,5ft	51,8ft

LINEAR DISTRIBUTION DIAGRAM

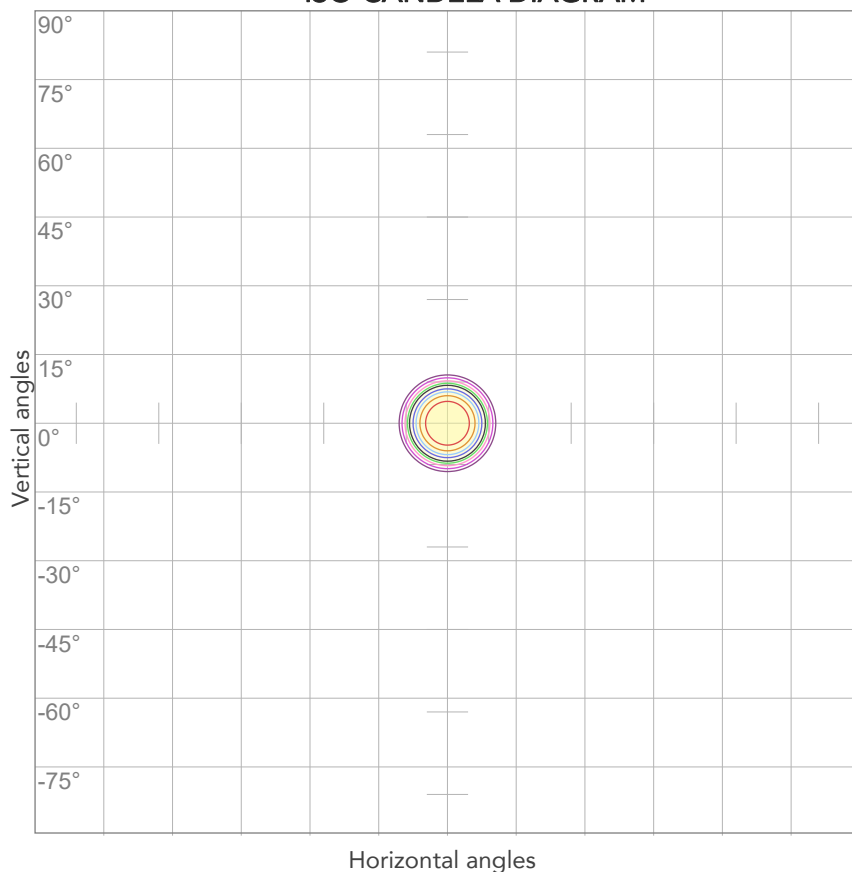


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
228V	0,256A	45,0W	3lm/W

Power FC
0,77

ISO CANDELA DIAGRAM



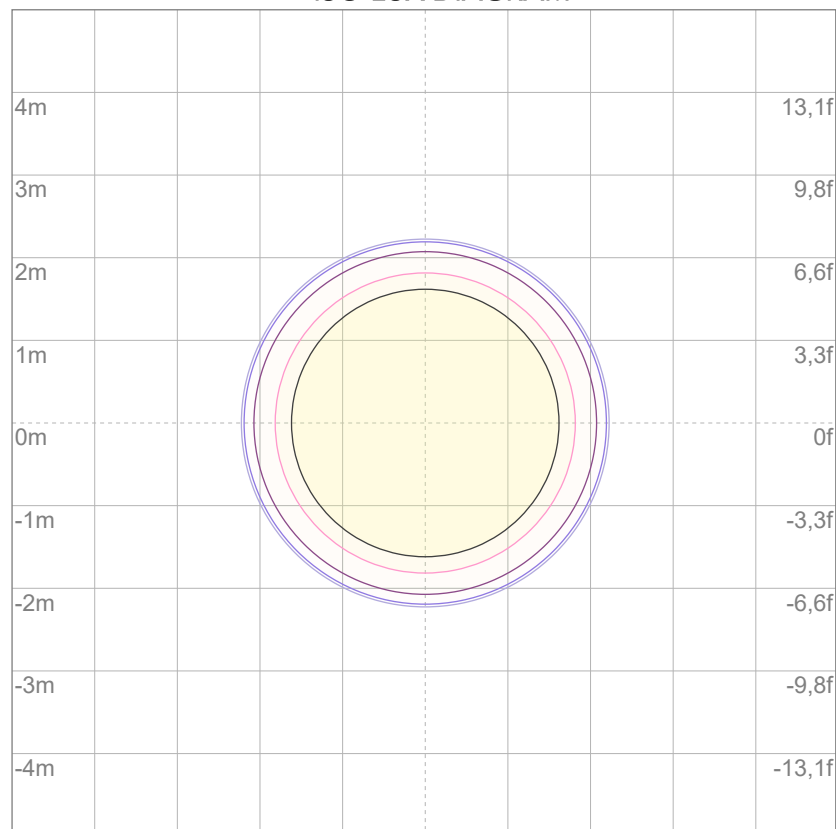
10%	154 cd
20%	307 cd
30%	461 cd
40%	615 cd
50%	768 cd
60%	922 cd
70%	1076 cd
80%	1229 cd

Conditions:

Number of c-planes: 2

Candela at center: 1537 cd

ISO LUX DIAGRAM



3%	0,461 lx
5%	0,768 lx
10%	1,54 lx
30%	4,61 lx
50%	7,68 lx

Conditions:

Number of c-planes: 2

Lux at center: 15,4 lx

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



Total lumen output:

93,4 lm

Peak candela output:

18418 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

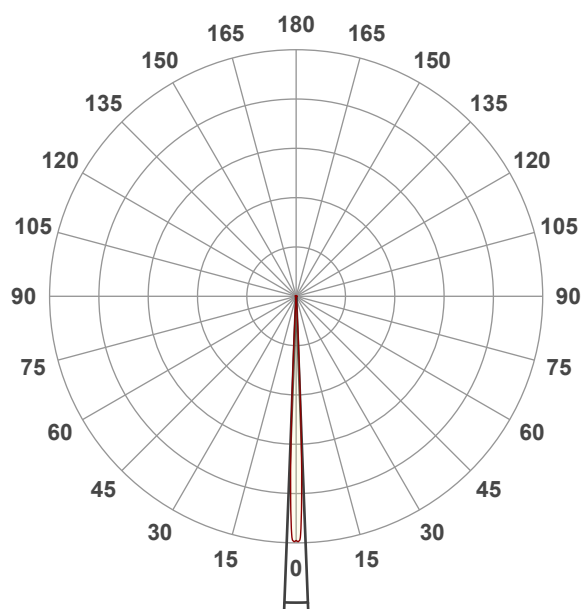
Blue

Operator:

Paolo Carvone

Date and time:

05/04/2022 11:34:06

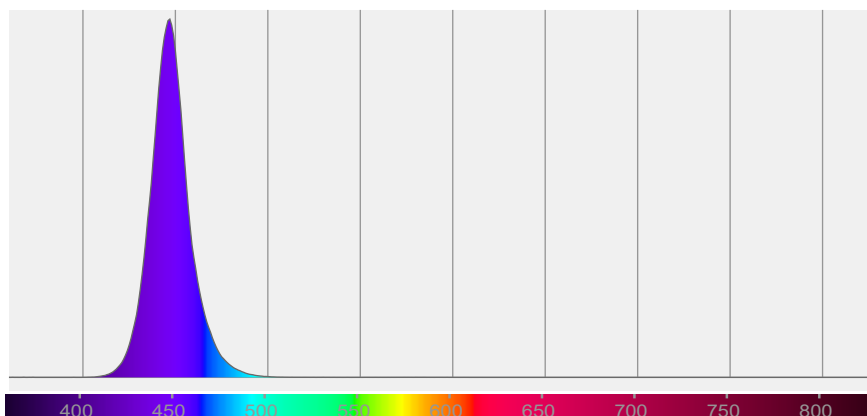


Beam angle 50%: 4,4°

Field angle 10%: 6,1°

Cut off angle 2.5%: 6,9°

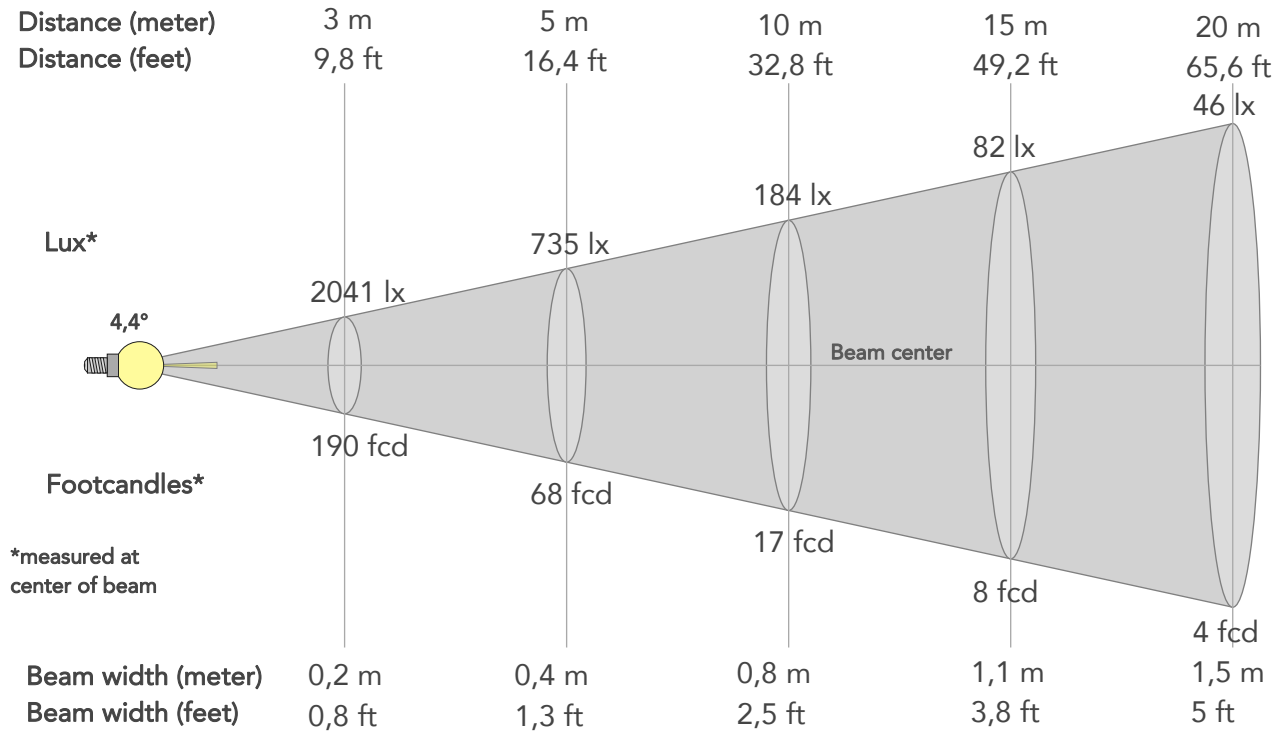
Spectra



BEAM DETAILS



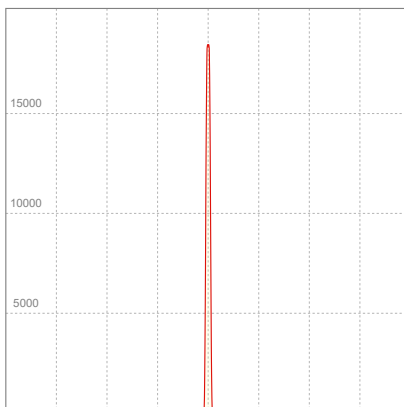
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,4°	6,1°	6,9°	99,3%	99,2%



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	18366lx	4592lx	2041lx	1148lx	735lx	327lx	184lx	82lx	46lx	29lx	20lx	11lx	7lx
Footcand.	1706fcd	427fcd	190fcd	107fcd	68fcd	30fcd	17fcd	8fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,1m	0,2m	0,2m	0,3m	0,4m	0,6m	0,8m	1,1m	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	7,5ft	10,1ft	12,6ft

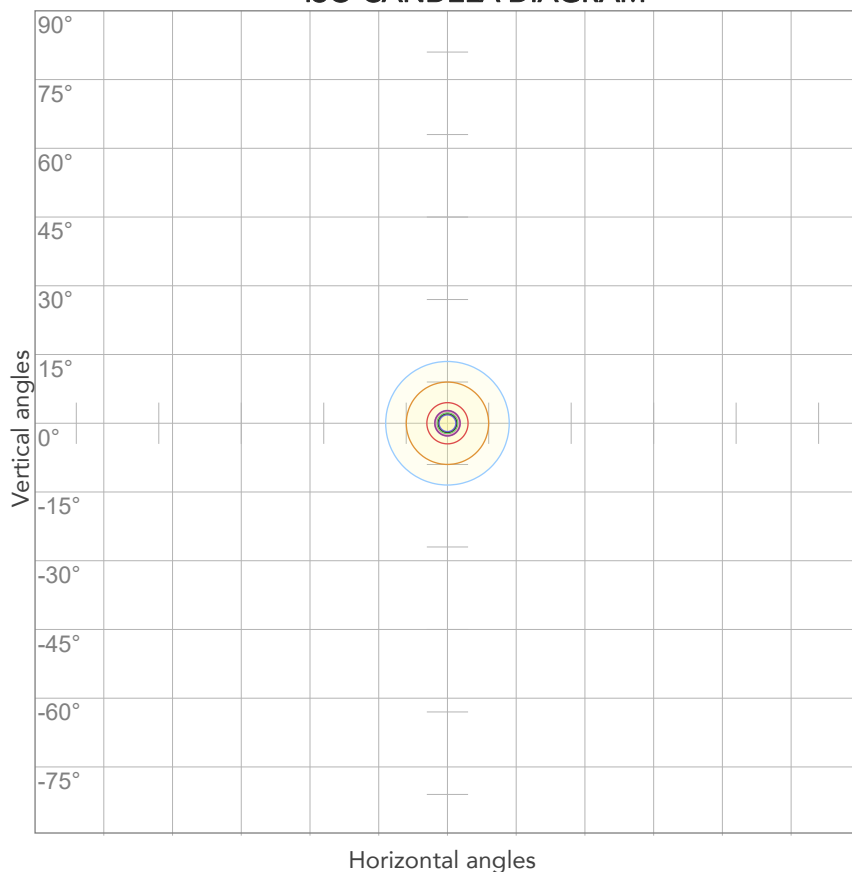
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,267A	47,7W	2lm/W
Power FC			
0,79			

ISO CANDELA DIAGRAM



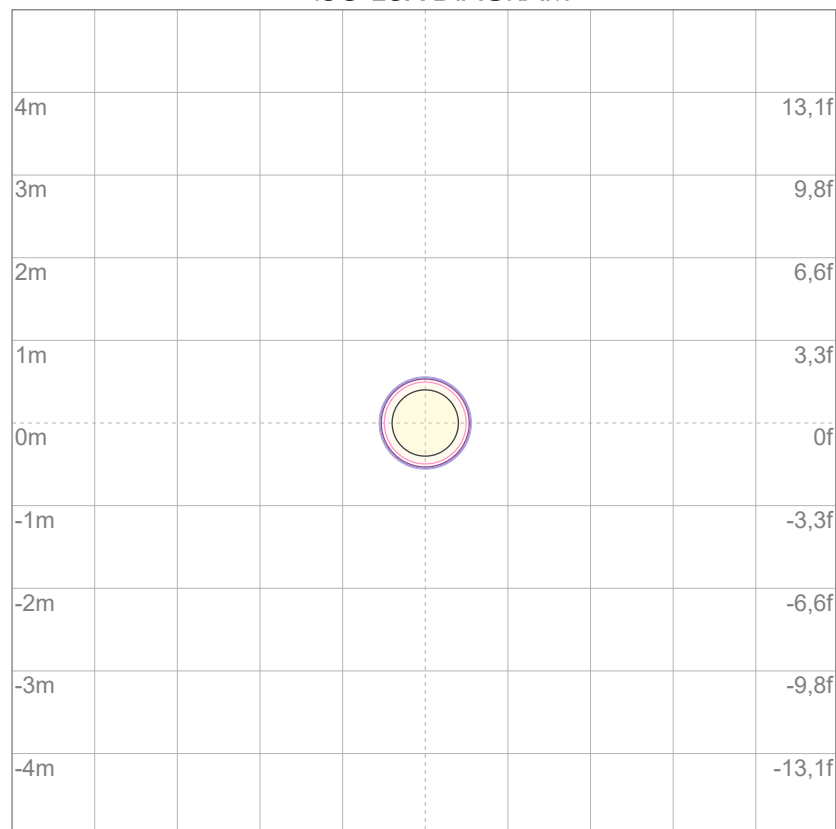
10%	1837 cd
20%	3673 cd
30%	5510 cd
40%	7347 cd
50%	9183 cd
60%	11020 cd
70%	12856 cd
80%	14693 cd

Conditions:

Number of c-planes: 2

Candela at center: 18366 cd

ISO LUX DIAGRAM



3%	5,51 lx
5%	9,18 lx
10%	18,4 lx
30%	55,1 lx
50%	91,8 lx

Conditions:

Number of c-planes: 2

Lux at center: 184 lx

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



Total lumen output:

1041 lm

Peak candela output:

2689 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

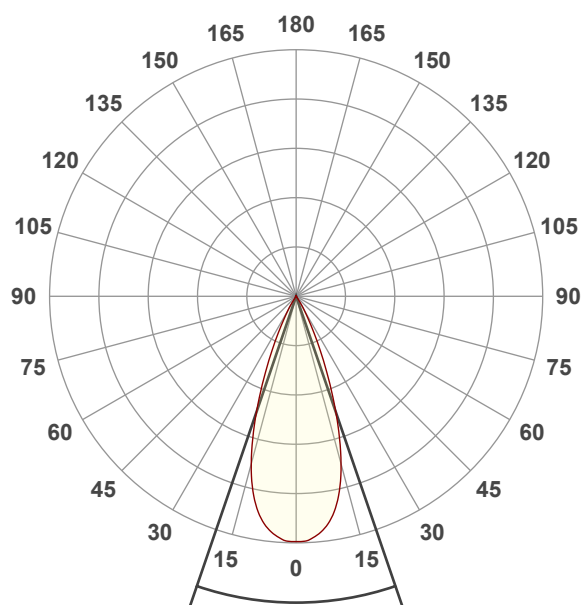
White

Operator:

Paolo Carvone

Date and time:

04/04/2022 18:33:26

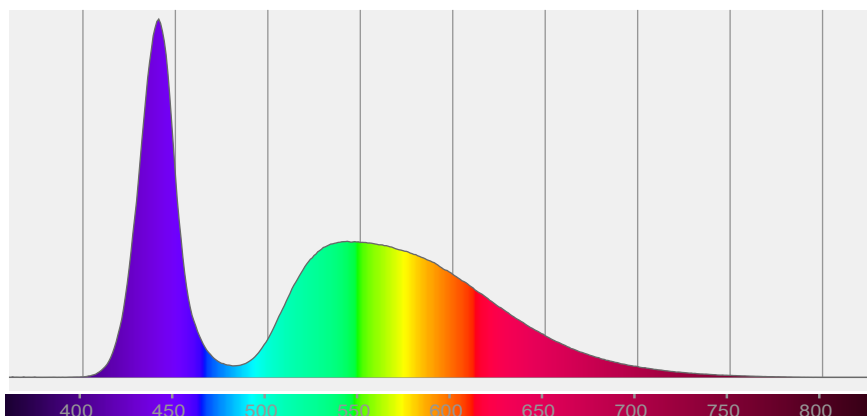


Beam angle 50%: 37,8°

Field angle 10%: 56,8°

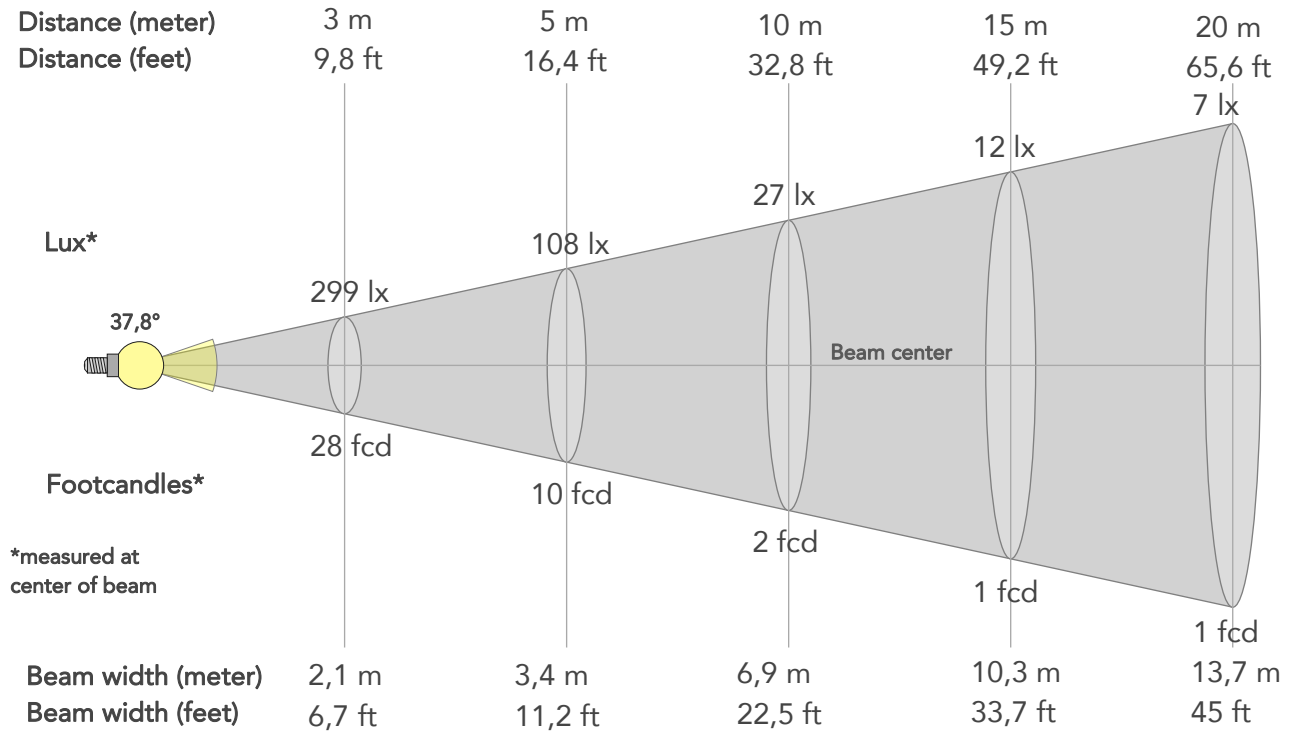
Cut off angle 2.5%: 66,7°

Spectra



BEAM DETAILS

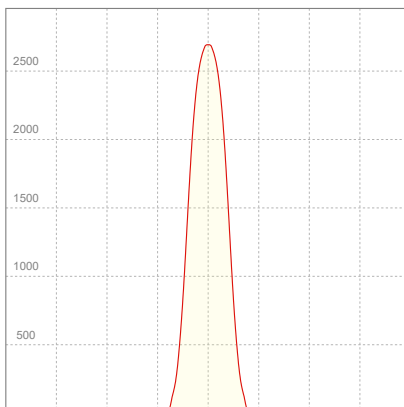
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
37,8°	56,8°	66,7°	100,0%	100,0%



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	2689lx	672lx	299lx	168lx	108lx	48lx	27lx	12lx	7lx	4lx	3lx	2lx	1lx
Footcand.	250fcd	62fcd	28fcd	16fcd	10fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,7m	1,4m	2,1m	2,7m	3,4m	5,1m	6,9m	10,3m	13,7m	17,1m	20,6m	27,4m	34,3m
Beam wid.	2,3ft	4,5ft	6,7ft	9ft	11,2ft	16,9ft	22,5ft	33,7ft	45ft	56,2ft	67,4ft	89,9ft	112,4ft

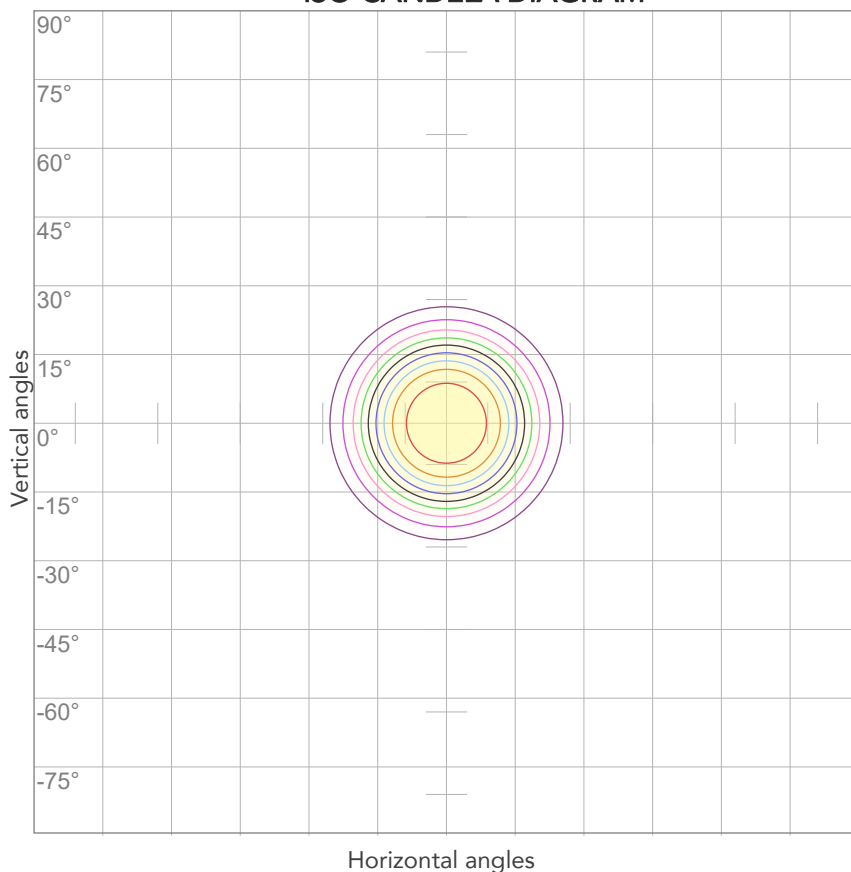
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,276A	50,1W	21lm/W
Power FC			
0,81			

ISO CANDELA DIAGRAM



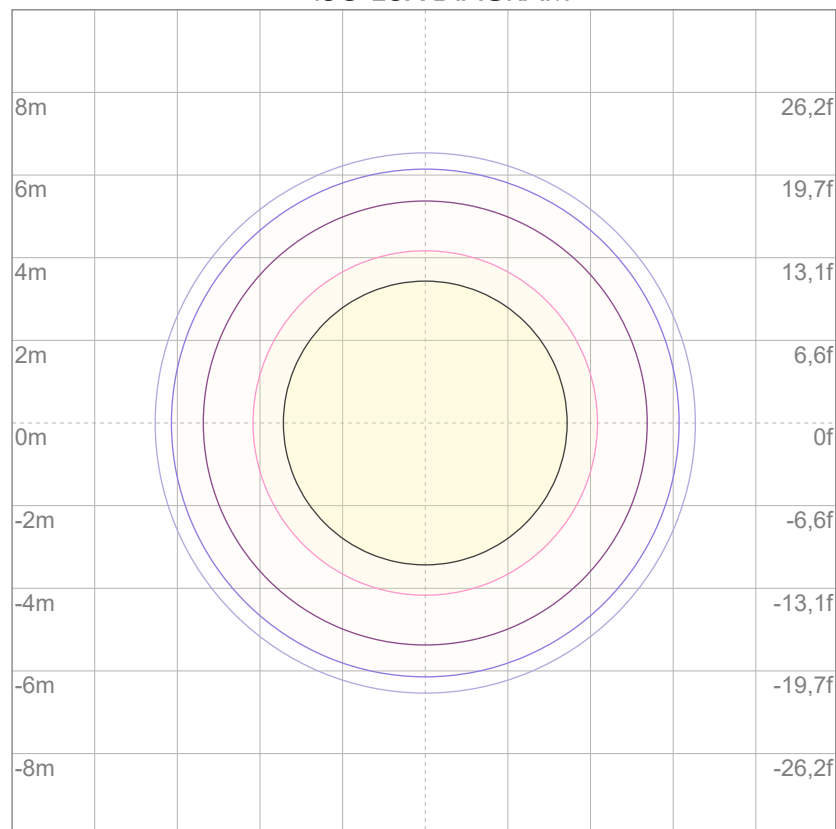
10%	269 cd
20%	538 cd
30%	807 cd
40%	1076 cd
50%	1344 cd
60%	1613 cd
70%	1882 cd
80%	2151 cd

Conditions:

Number of c-planes: 2

Candela at center: 2689 cd

ISO LUX DIAGRAM



3%	0,807 lx
5%	1,34 lx
10%	2,69 lx
30%	8,07 lx
50%	13,4 lx

Conditions:

Number of c-planes: 2

Lux at center: 26,9 lx

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



Total lumen output:

865 lm

Peak candela output:

9459 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

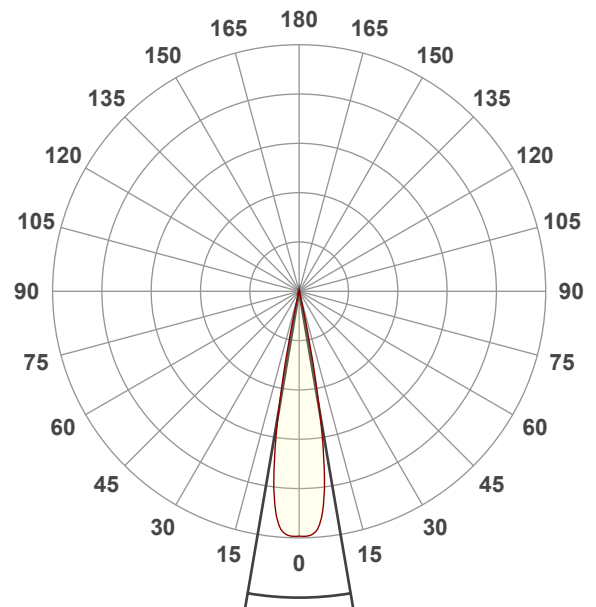
White

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:09:27

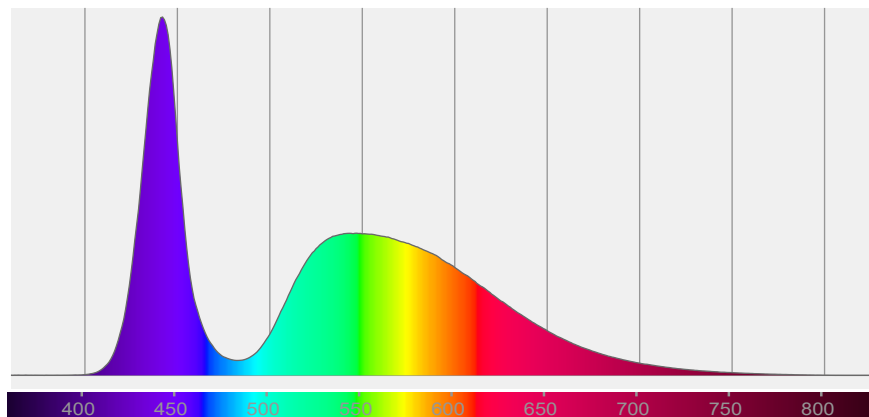


Beam angle 50%: 19,4°

Field angle 10%: 25,2°

Cut off angle 2.5%: 27,1°

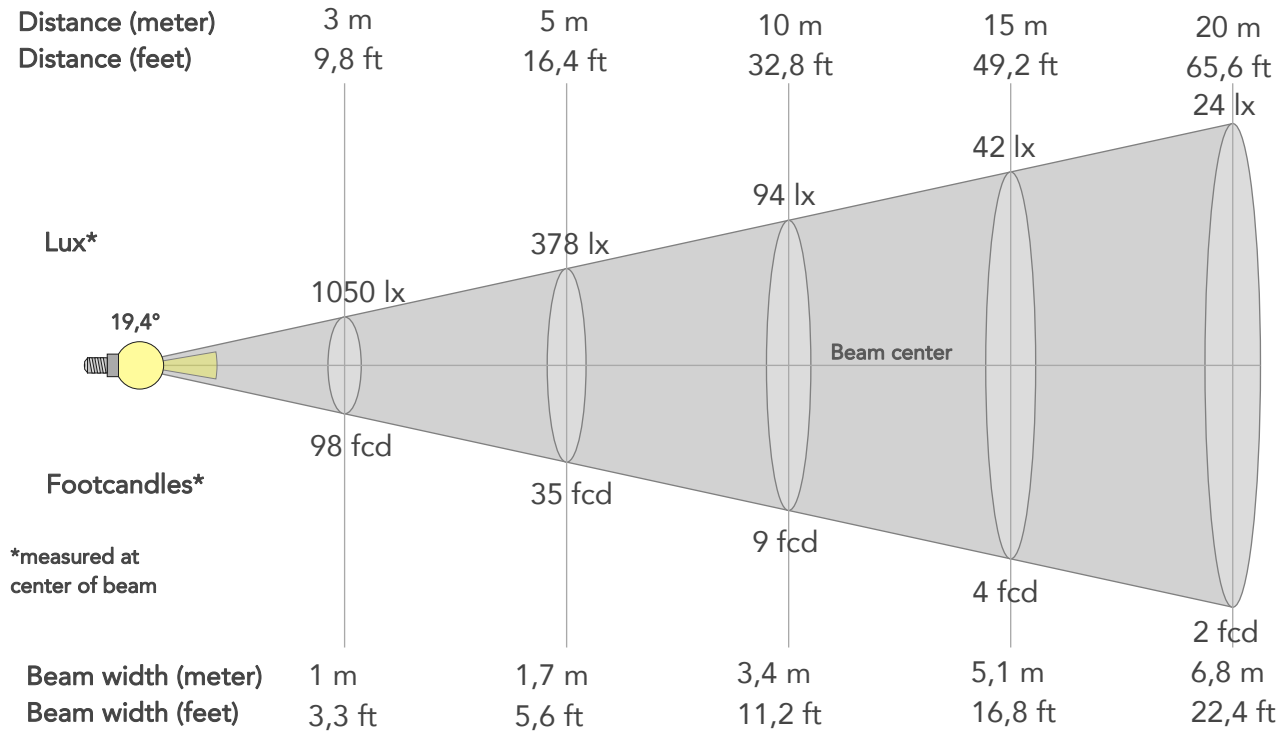
Spectra



BEAM DETAILS



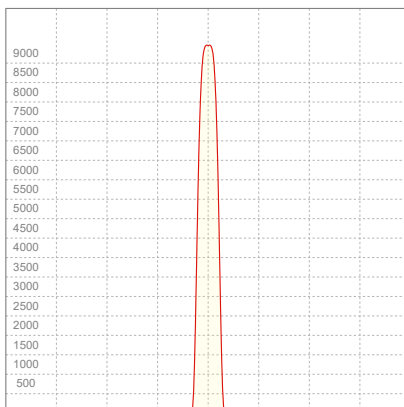
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
19,4°	25,2°	27,1°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	9449lx	2362lx	1050lx	591lx	378lx	168lx	94lx	42lx	24lx	15lx	10lx	6lx	4lx
Footcand.	878fcd	219fcd	98fcd	55fcd	35fcd	16fcd	9fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,3m	0,7m	1m	1,4m	1,7m	2,6m	3,4m	5,1m	6,8m	8,5m	10,2m	13,6m	17,1m
Beam wid.	1,1ft	2,3ft	3,3ft	4,5ft	5,6ft	8,4ft	11,2ft	16,8ft	22,4ft	28ft	33,6ft	44,7ft	55,9ft

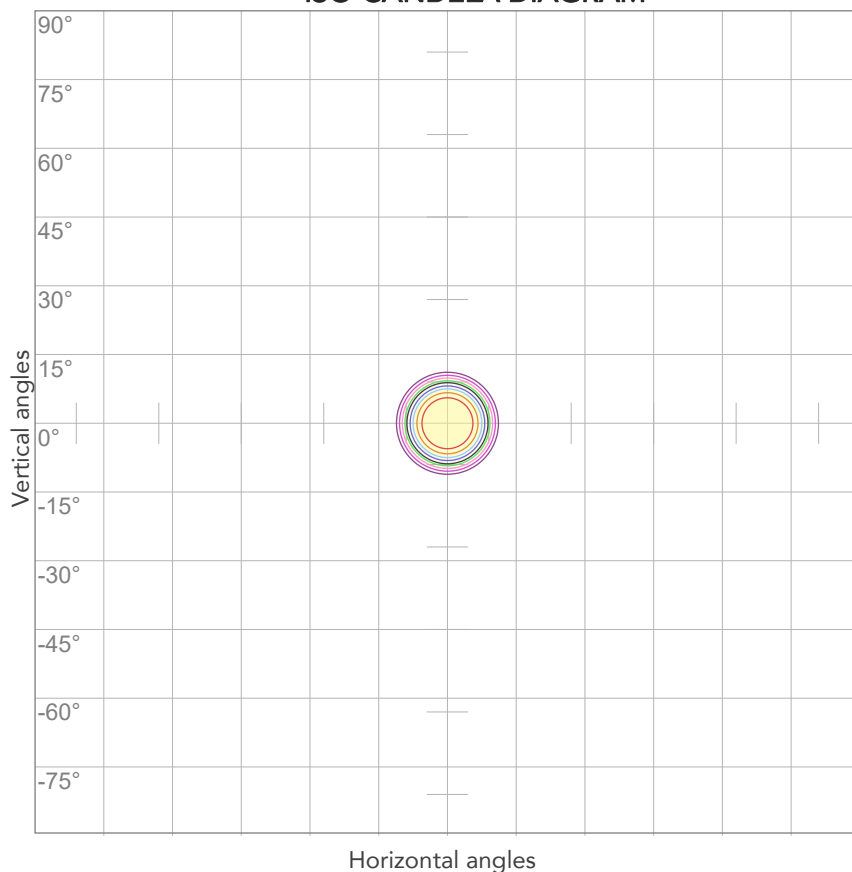
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,268A	47,9W	18lm/W
Power FC			
0,79			

ISO CANDELA DIAGRAM



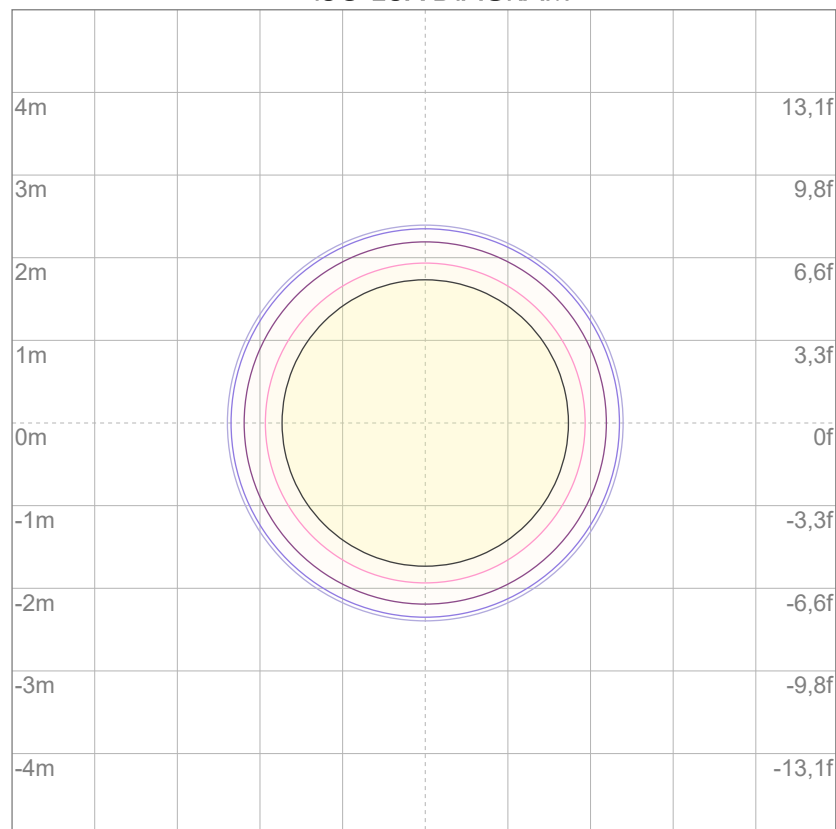
10%	945 cd
20%	1890 cd
30%	2835 cd
40%	3780 cd
50%	4725 cd
60%	5670 cd
70%	6615 cd
80%	7560 cd

Conditions:

Number of c-planes: 2

Candela at center: 9449 cd

ISO LUX DIAGRAM



3%	2,83 lx
5%	4,72 lx
10%	9,45 lx
30%	28,3 lx
50%	47,2 lx

Conditions:

Number of c-planes: 2

Lux at center: 94,5 lx

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



Total lumen output:

646 lm

Peak candela output:

129002 cd

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

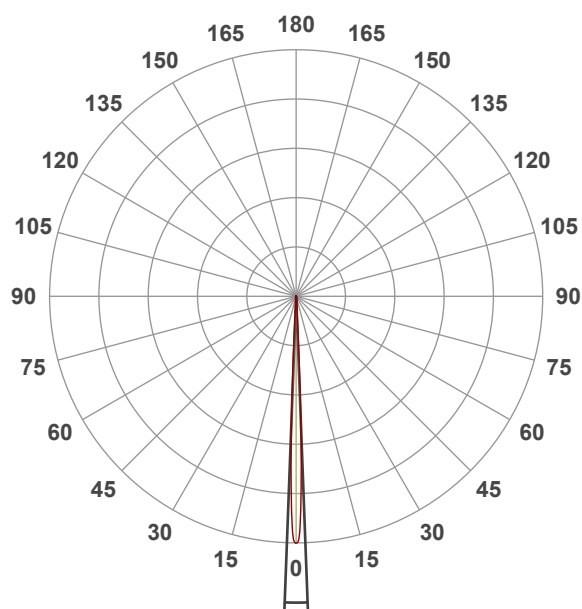
White

Operator:

Paolo Carvone

Date and time:

05/04/2022 11:35:33

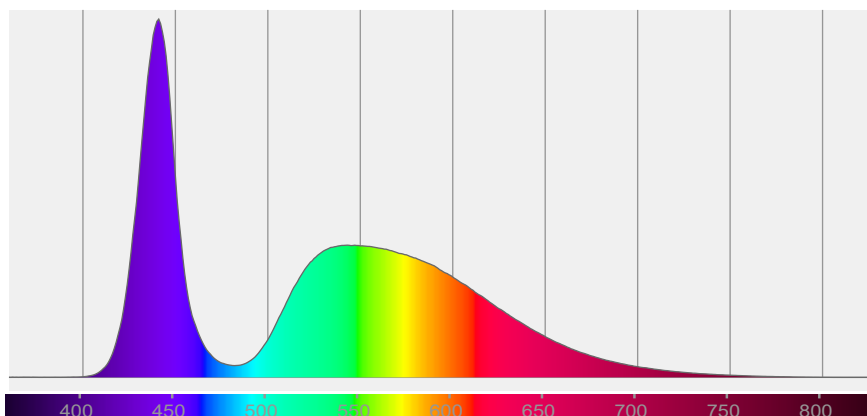


Beam angle 50%: 4,3°

Field angle 10%: 6,5°

Cut off angle 2.5%: 7,4°

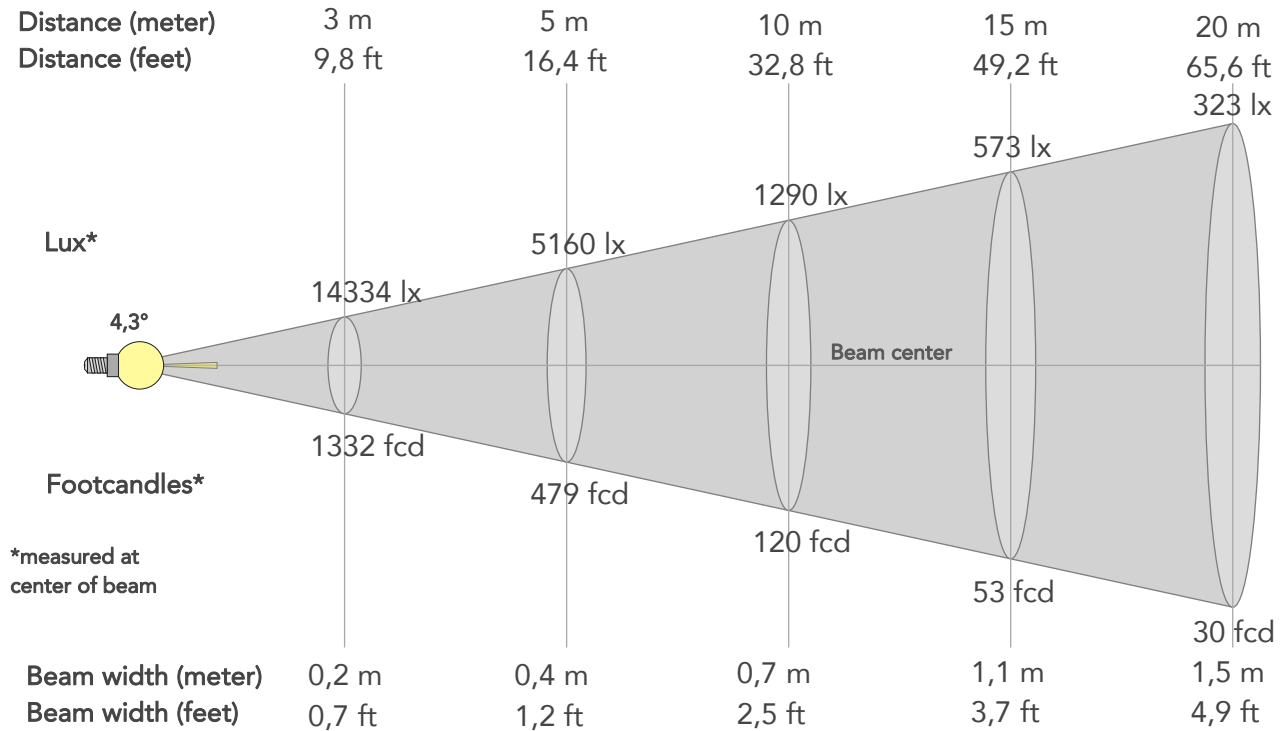
Spectra



BEAM DETAILS



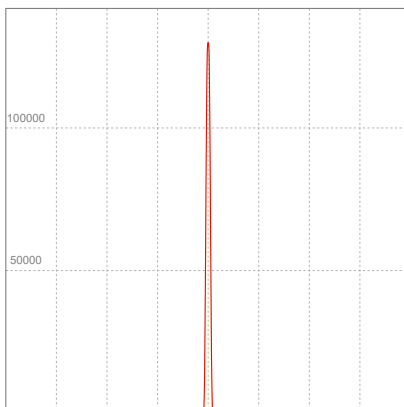
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,3°	6,5°	7,4°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	129002lx	32251lx	14334lx	8063lx	5160lx	2293lx	1290lx	573lx	323lx	206lx	143lx	81lx	52lx
Footcand.	11985fcd	2996fcd	1332fcd	749fcd	479fcd	213fcd	120fcd	53fcd	30fcd	19fcd	13fcd	7fcd	5fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,4m	0,6m	0,7m	1,1m	1,5m	1,9m	2,2m	3m	3,7m
Beam wid.	0,2ft	0,5ft	0,7ft	1ft	1,2ft	1,8ft	2,5ft	3,7ft	4,9ft	6,1ft	7,4ft	9,8ft	12,3ft

LINEAR DISTRIBUTION DIAGRAM

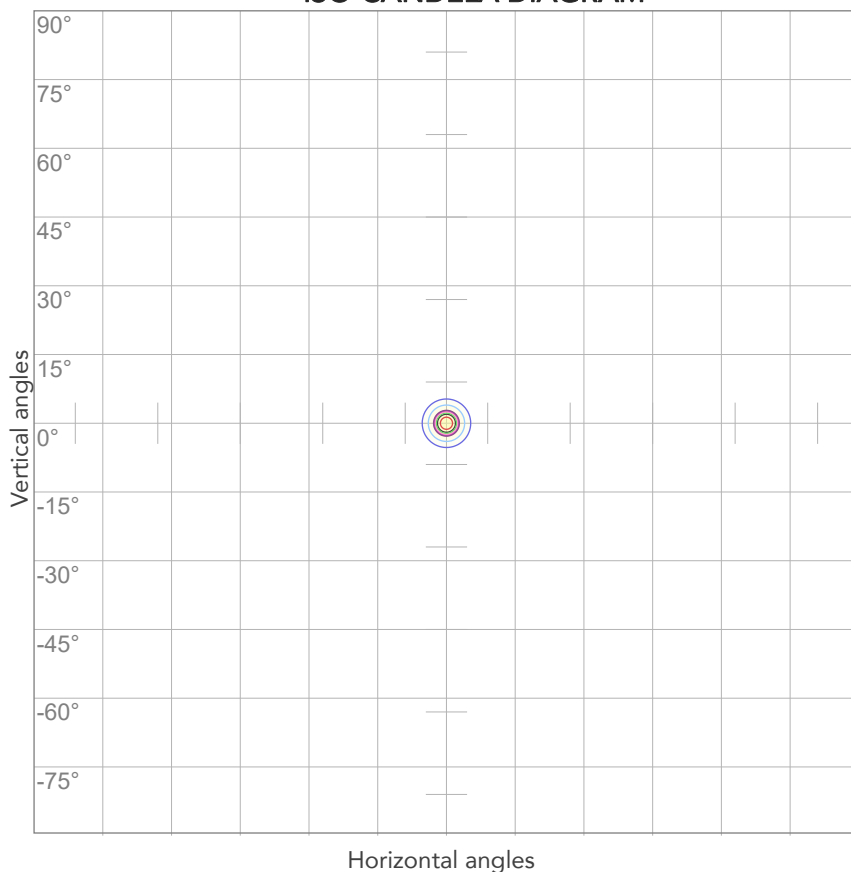


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,279A	50,8W	13lm/W

Power FC
0,8

ISO CANDELA DIAGRAM



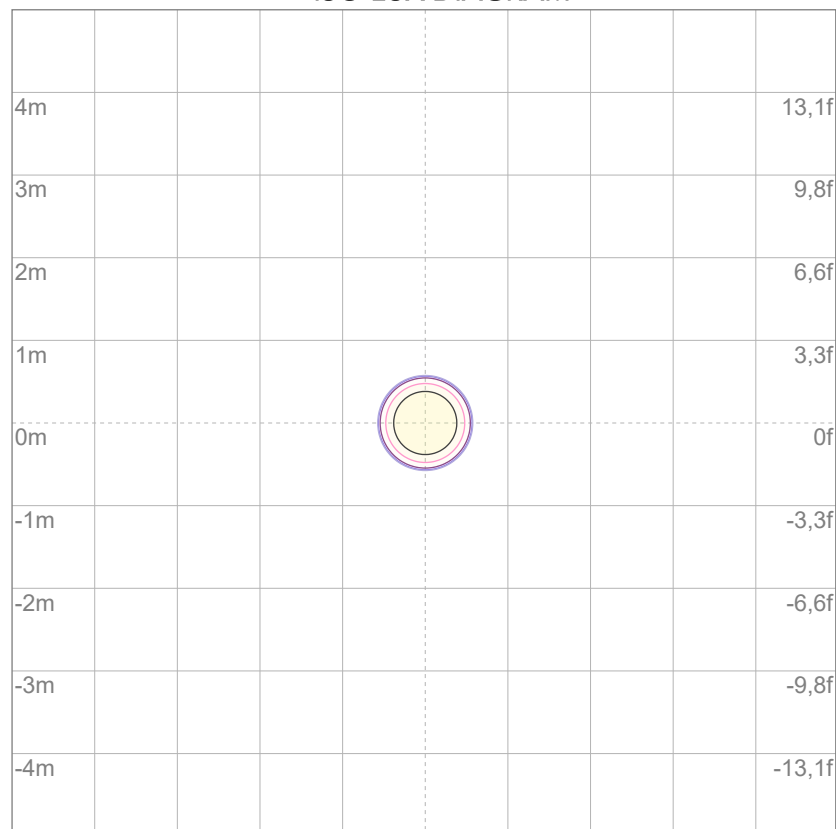
10%	12900 cd
20%	25800 cd
30%	38701 cd
40%	51601 cd
50%	64501 cd
60%	77401 cd
70%	90302 cd
80%	103202 cd

Conditions:

Number of c-planes: 2

Candela at center: 129002 cd

ISO LUX DIAGRAM



3%	38,7 lx
5%	64,5 lx
10%	129 lx
30%	387 lx
50%	645 lx

Conditions:

Number of c-planes: 2

Lux at center: 1290 lx

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



Total lumen output:

969 lm

Peak candela output:

2784 cd

Light quality:

CRI: 38,2

Color temperature:

2862 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

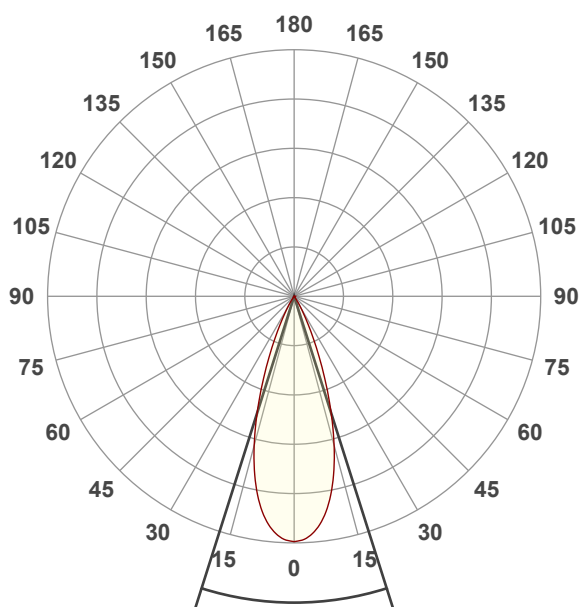
2800K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:16:04

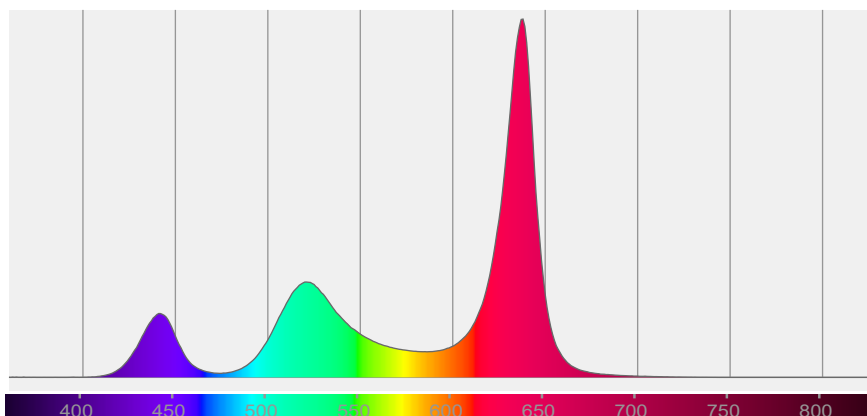


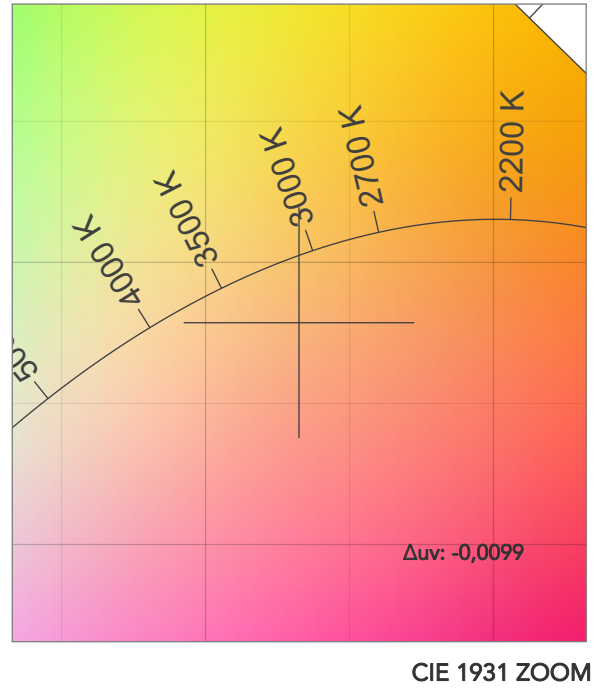
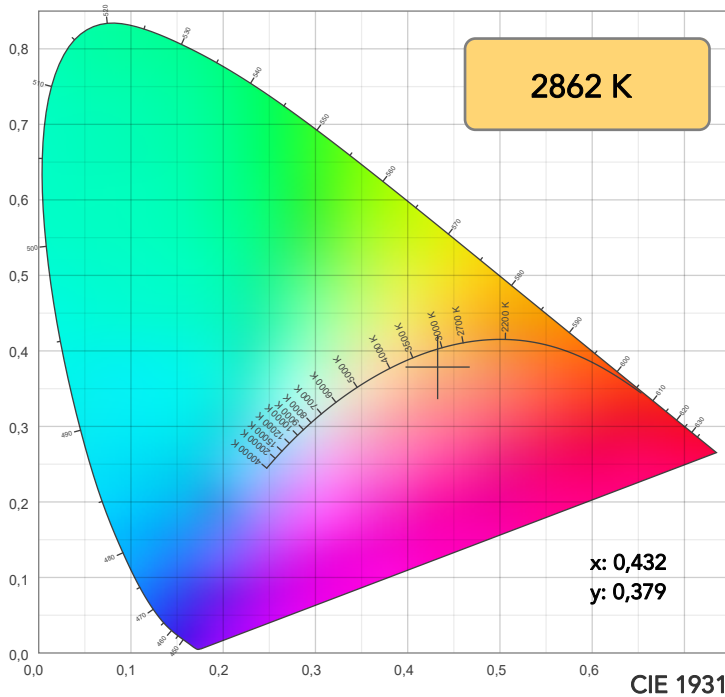
Beam angle 50%: 35,2°

Field angle 10%: 55,3°

Cut off angle 2.5%: 65,8°

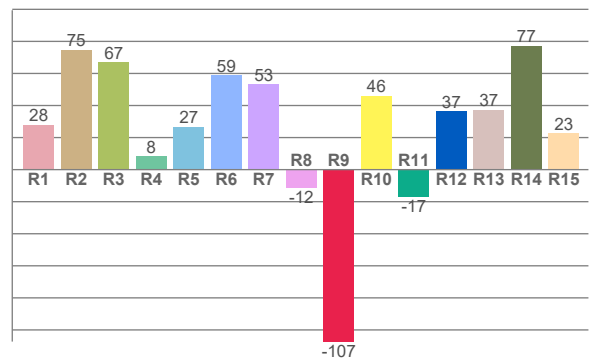
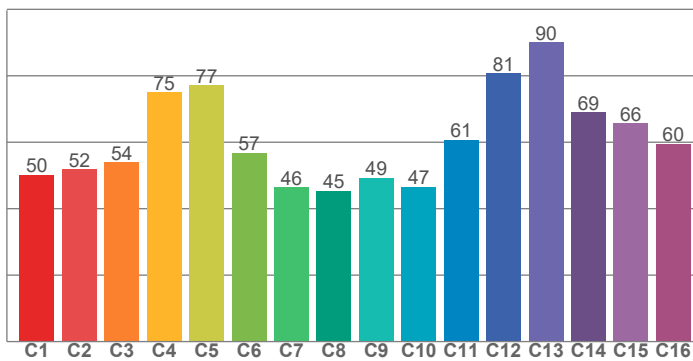
Spectra





TM30: 61,0

CRI: 38,2 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
27,9	74,7	67,0	8,4	26,8	58,9	53,4	-11,6	-107,3	46,1	-17,1	36,6	37,4	77,2	22,7

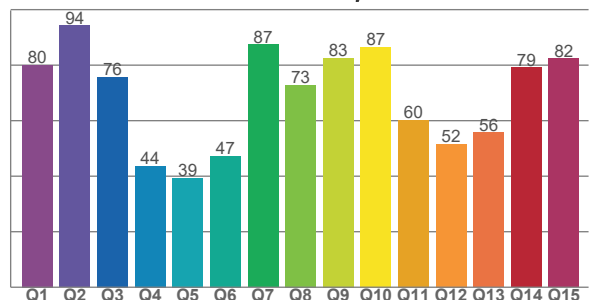
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
50,2	51,9	53,9	74,9	77,1	56,9	46,4	45,3	49,3	46,6	60,7	80,7	90,0	69,0	65,7	59,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,0	94,3	75,7	43,7	39,4	47,3	87,4	72,8	82,6	86,6	60,2	51,5	55,7	79,2	82,3

CQS: 64,4



COLOR PARAMETERS

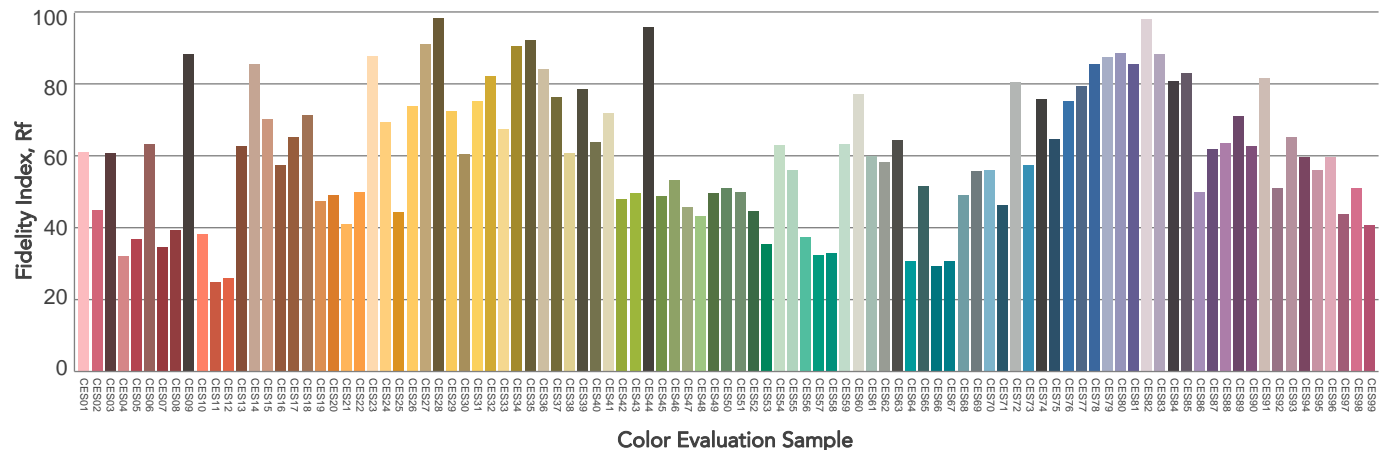
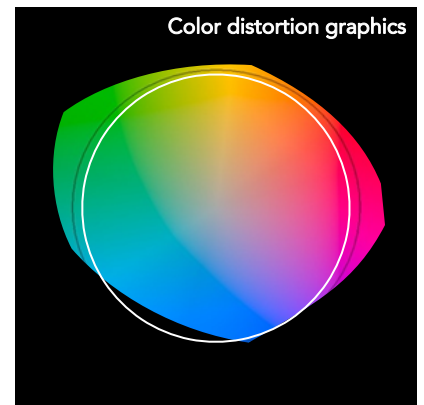
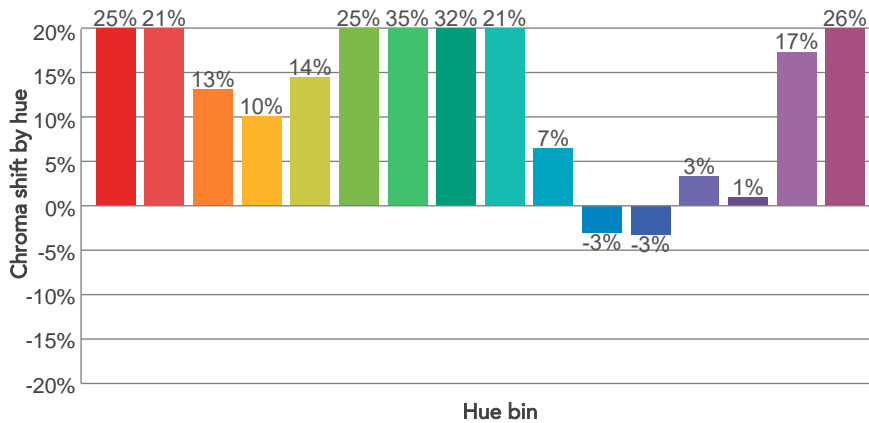
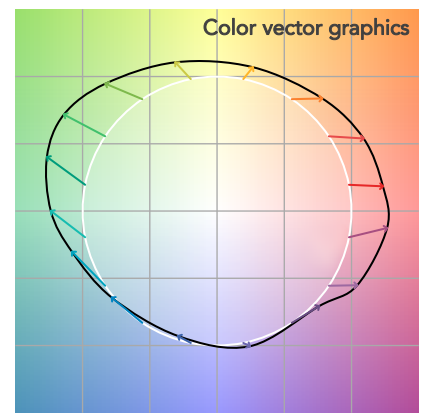
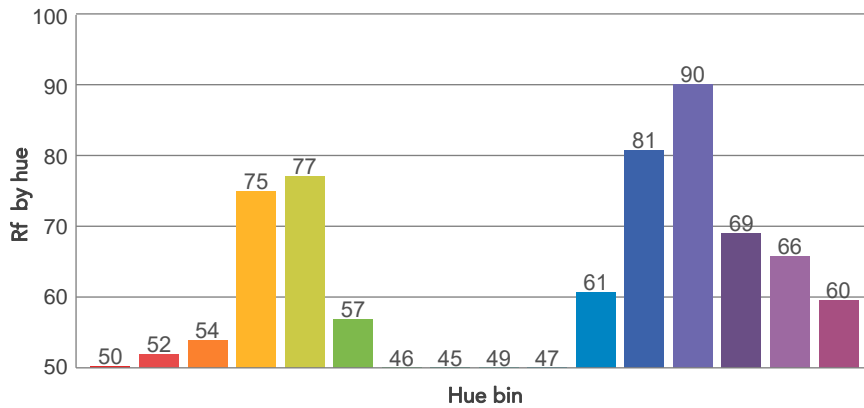
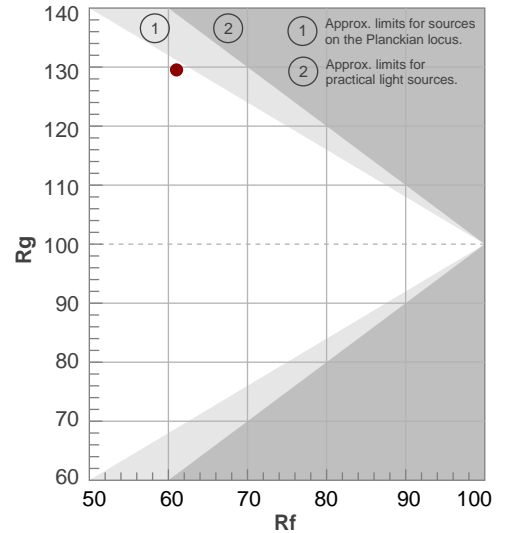
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2862 K	38,2	-107,3	61,0	129,5	64,4	21	0,432	0,379	-0,0099

TM30 DETAILS

Rf 61,0
Fidelity index Rf

Rg 129,5
Gammut index

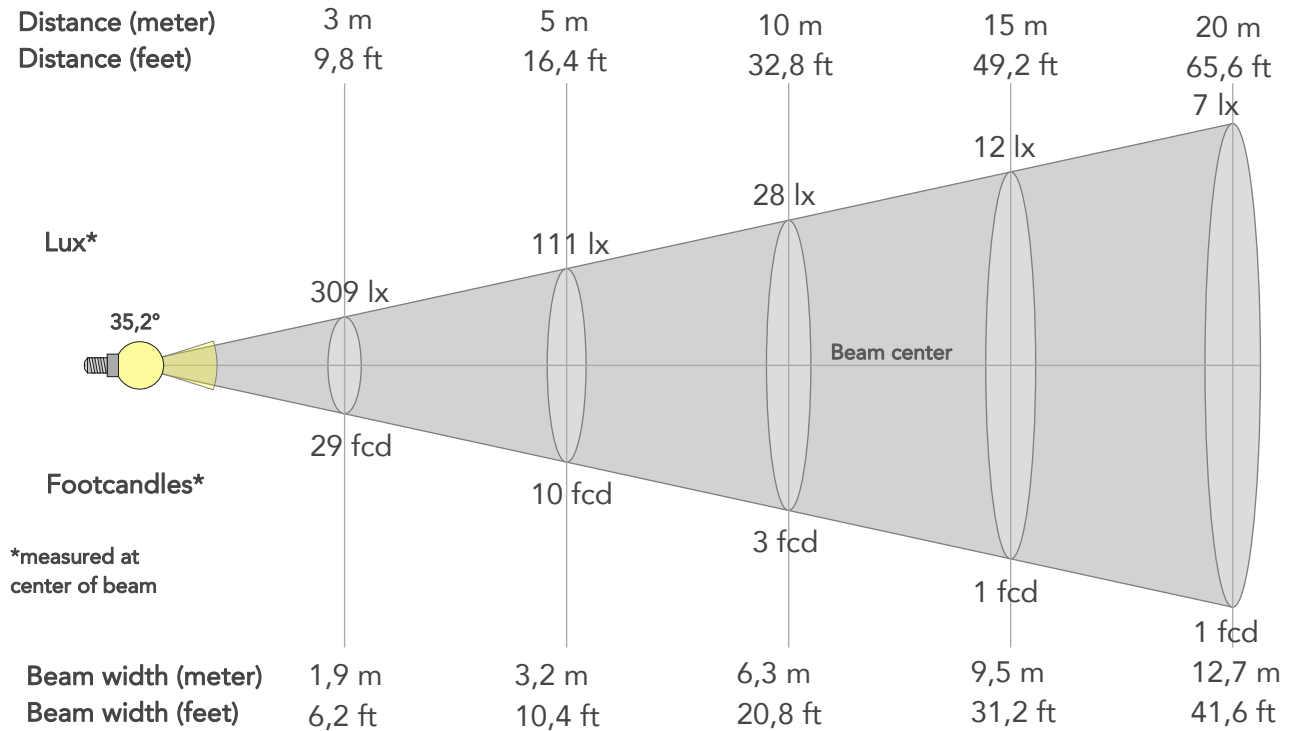
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	50	25%	-6%
2	52	21%	-16%
3	54	13%	-19%
4	75	10%	-5%
5	77	14%	9%
6	57	25%	16%
7	46	35%	4%
8	45	32%	-15%
9	49	21%	-24%
10	47	7%	-35%
11	61	-3%	-29%
12	81	-3%	-10%
13	90	3%	4%
14	69	1%	24%
15	66	17%	12%
16	60	26%	12%



BEAM DETAILS



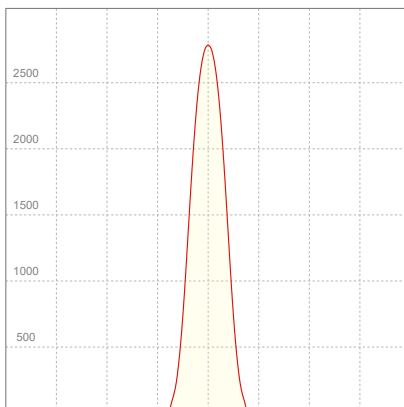
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
35,2°	55,3°	65,8°	100,0%	100,0%



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	2784lx	696lx	309lx	174lx	111lx	49lx	28lx	12lx	7lx	4lx	3lx	2lx	1lx
Footcand.	259fcd	65fcd	29fcd	16fcd	10fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,6m	1,3m	1,9m	2,5m	3,2m	4,8m	6,3m	9,5m	12,7m	15,9m	19m	25,4m	31,7m
Beam wid.	2,1ft	4,2ft	6,2ft	8,3ft	10,4ft	15,6ft	20,8ft	31,2ft	41,6ft	52ft	62,4ft	83,2ft	104ft

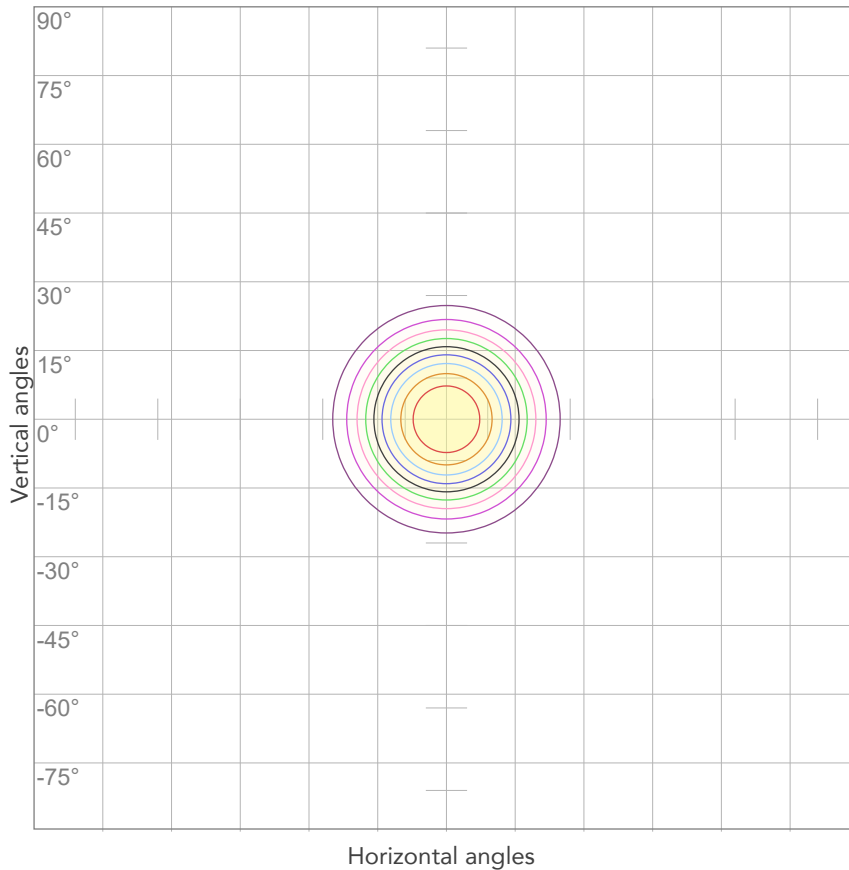
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
227V	0,331A	64,0W	15lm/W

ISO CANDELA DIAGRAM



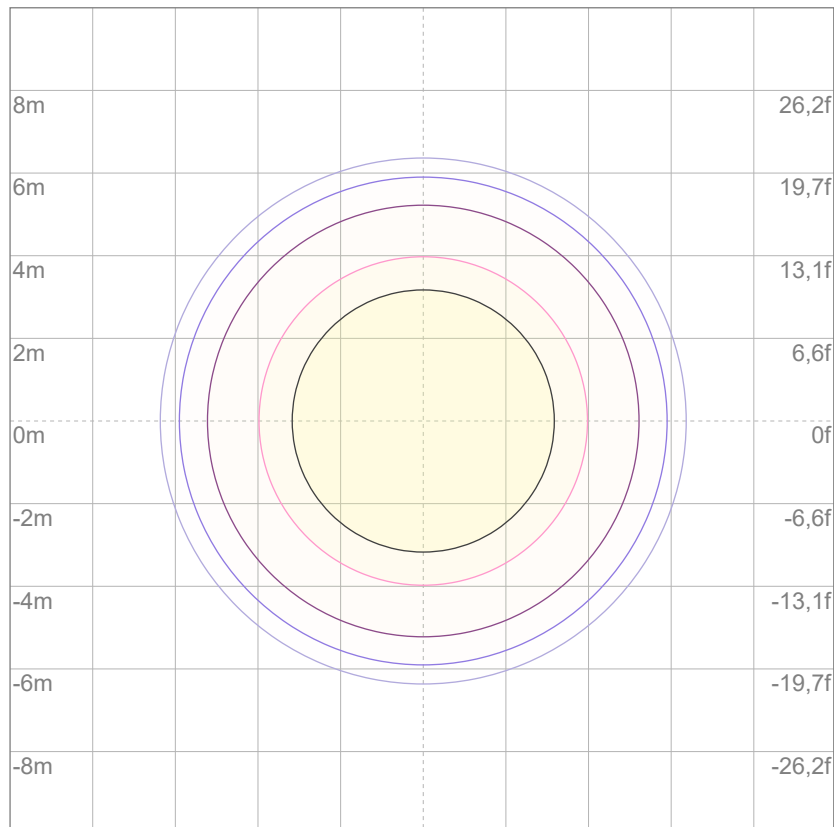
10%	278 cd
20%	557 cd
30%	835 cd
40%	1113 cd
50%	1392 cd
60%	1670 cd
70%	1949 cd
80%	2227 cd

Conditions:

Number of c-planes: 2

Candela at center: 2784 cd

ISO LUX DIAGRAM



3%	0,835 lx
5%	1,39 lx
10%	2,78 lx
30%	8,35 lx
50%	13,9 lx

Conditions:

Number of c-planes: 2

Lux at center: 27,8 lx

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



Total lumen output:

851 lm

Peak candela output:

9936 cd

Light quality:

CRI: 38,5

Color temperature:

2896 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

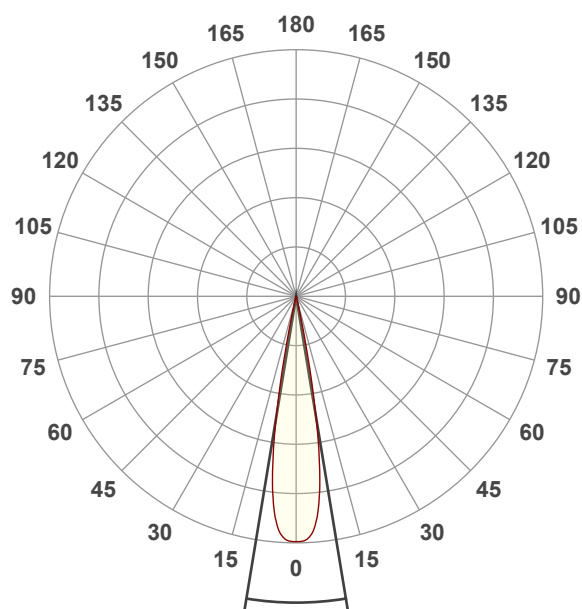
2800K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:14:03

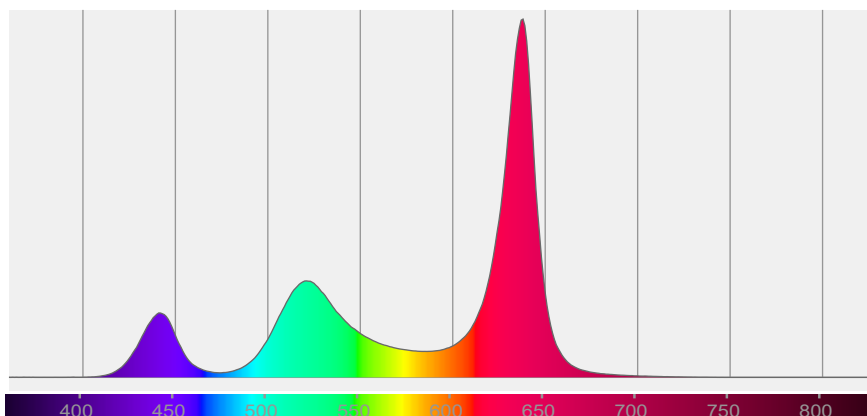


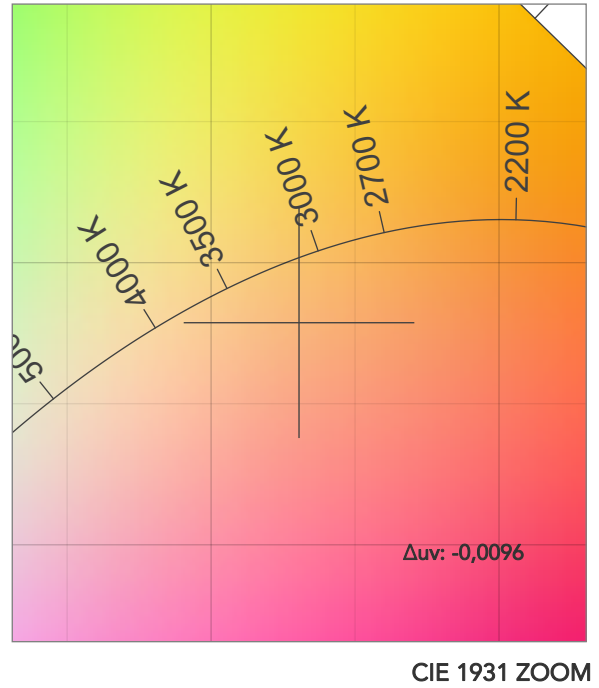
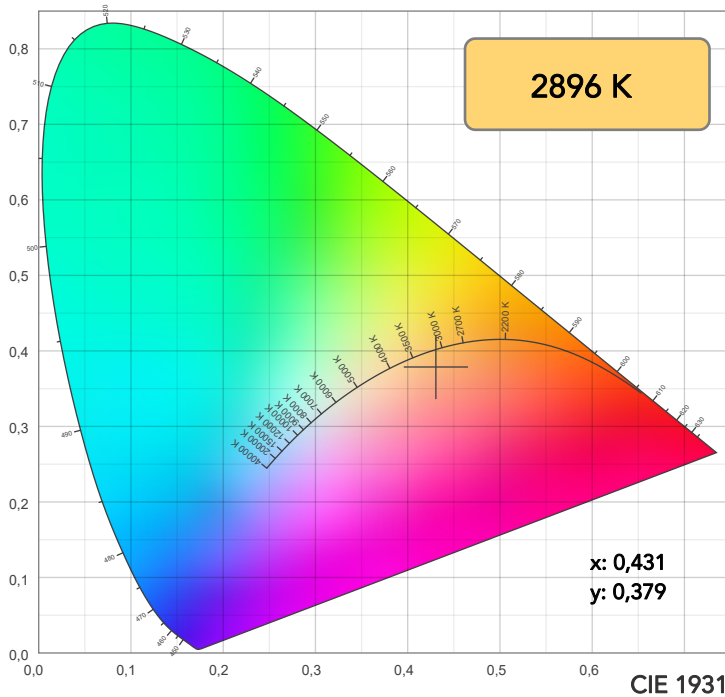
Beam angle 50%: 18,7°

Field angle 10%: 24,8°

Cut off angle 2.5%: 26,9°

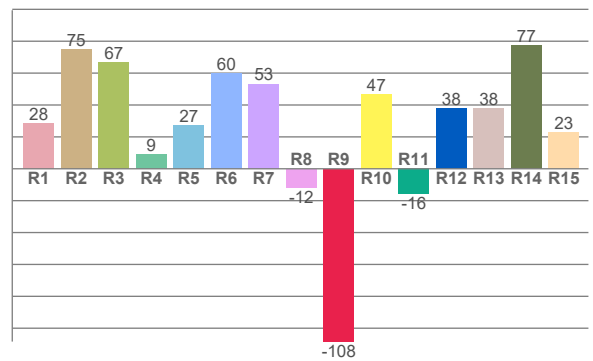
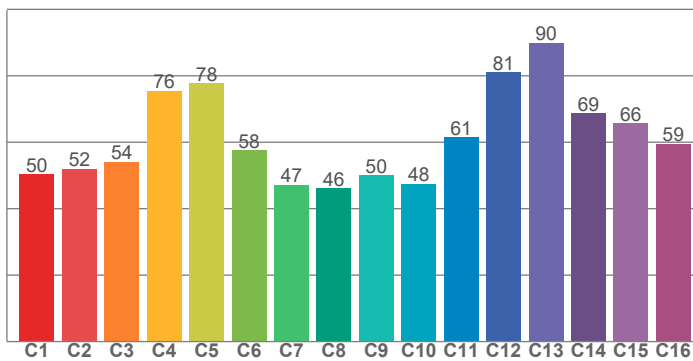
Spectra





TM30: 61,4

CRI: 38,5 (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
28,4	75,1	66,9	9,1	27,5	59,7	53,3	-11,8	-108,4	46,8	-15,8	37,9	37,9	77,2	22,8

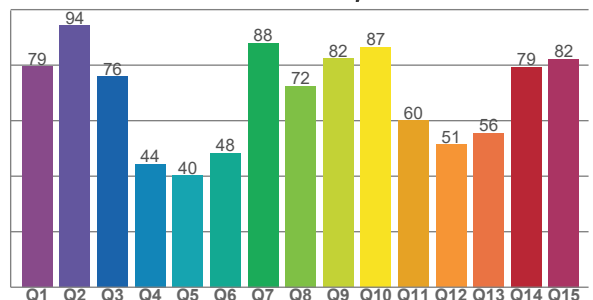
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
50,3	52,0	54,1	75,5	77,7	57,5	47,1	46,2	50,1	47,5	61,4	81,1	89,9	68,7	65,7	59,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,5	94,2	75,9	44,3	40,2	48,4	88,0	72,5	82,4	86,5	60,1	51,4	55,6	79,3	82,3

CQS: 64,7



COLOR PARAMETERS

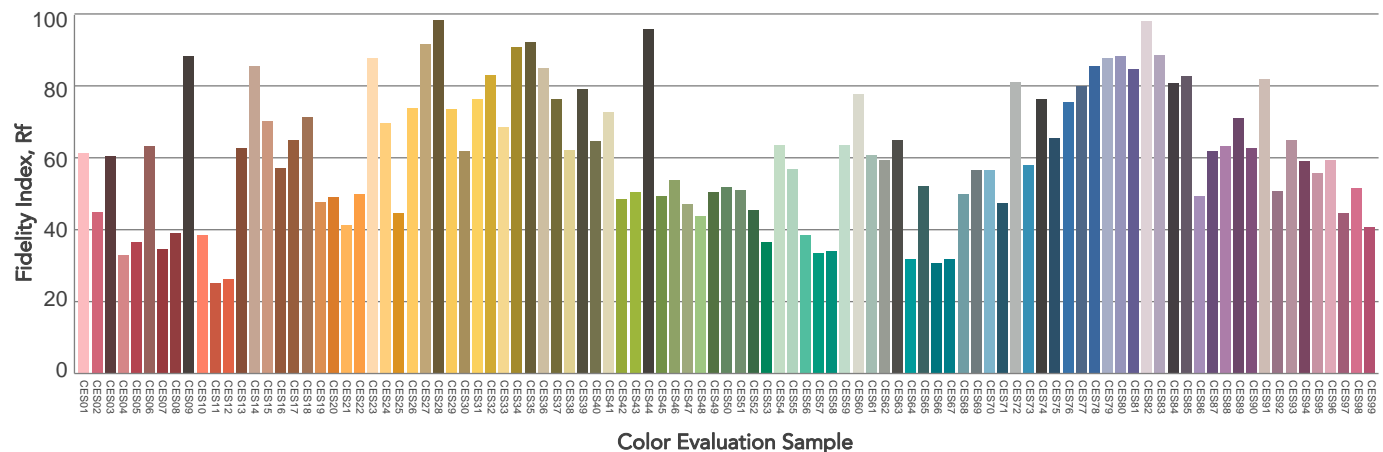
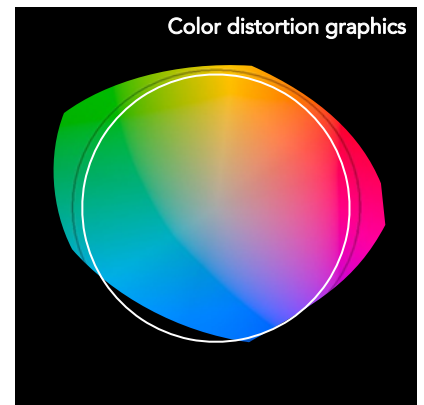
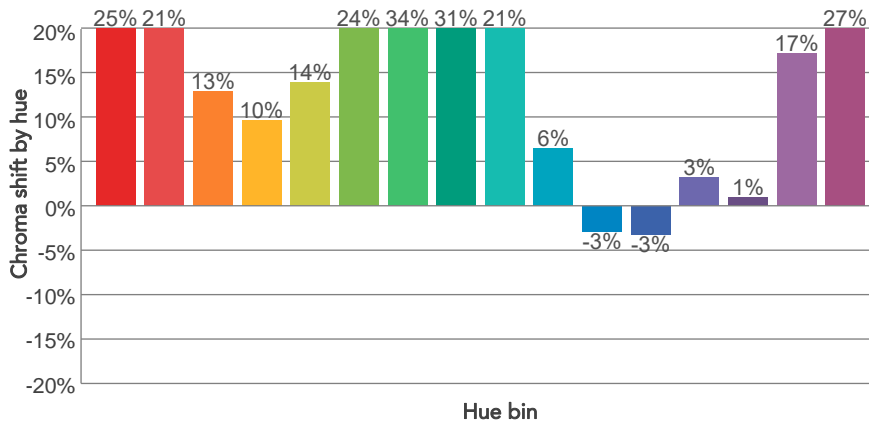
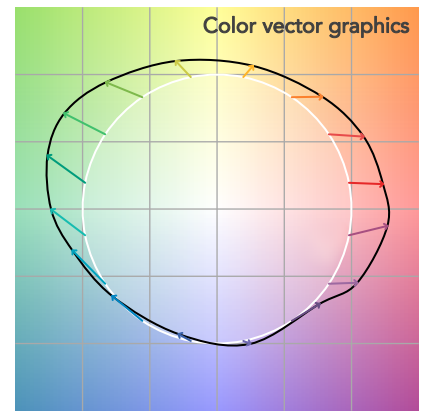
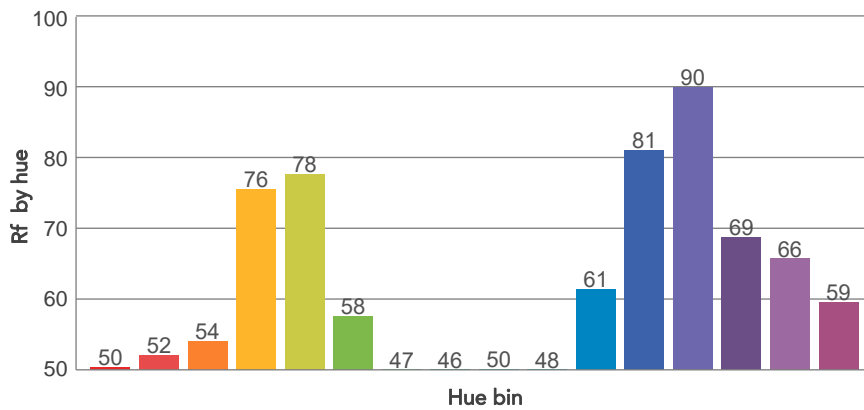
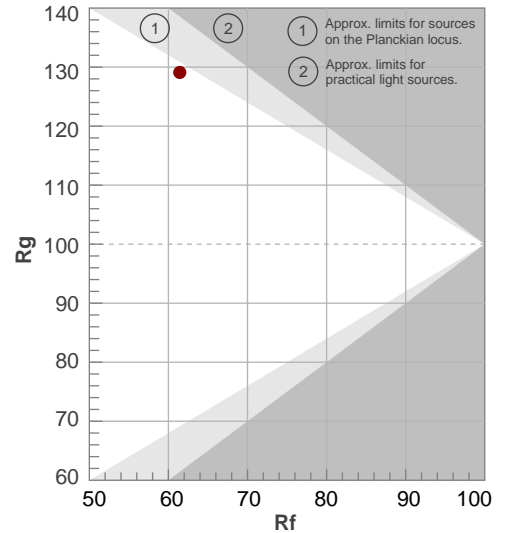
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2896 K	38,5	-108,4	61,4	129,1	64,7	21	0,431	0,379	-0,0096

TM30 DETAILS

Rf 61,4
Fidelity index Rf

Rg 129,1
Gammut index

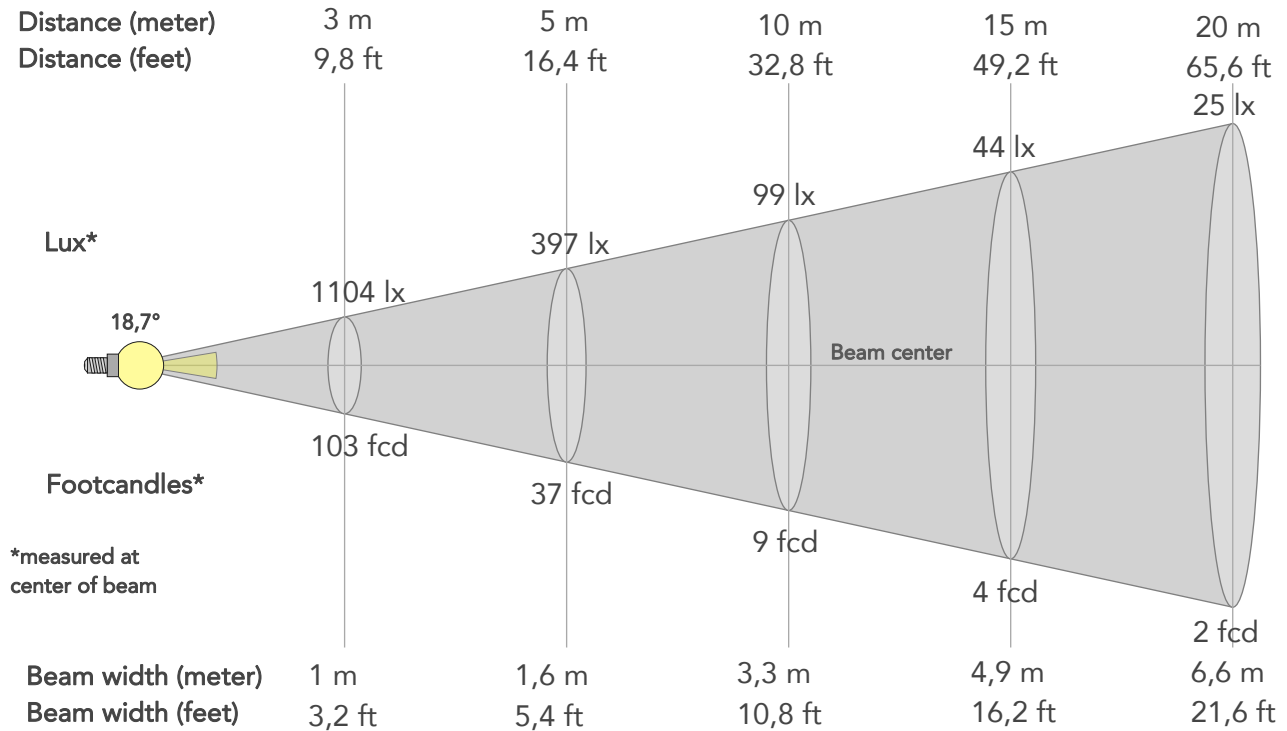
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	50	25%	-6%
2	52	21%	-16%
3	54	13%	-19%
4	76	10%	-5%
5	78	14%	9%
6	58	24%	16%
7	47	34%	4%
8	46	31%	-14%
9	50	21%	-24%
10	48	6%	-34%
11	61	-3%	-29%
12	81	-3%	-10%
13	90	3%	5%
14	69	1%	24%
15	66	17%	12%
16	59	27%	12%



BEAM DETAILS



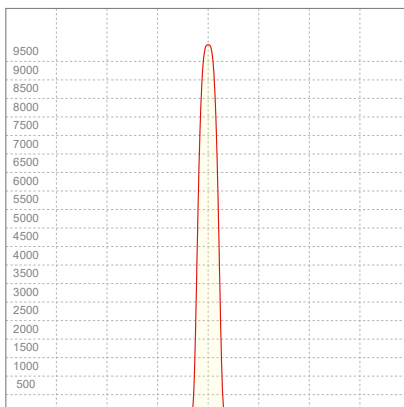
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,7°	24,8°	26,9°	100,0%	100,0%



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	9936lx	2484lx	1104lx	621lx	397lx	177lx	99lx	44lx	25lx	16lx	11lx	6lx	4lx
Footcand.	923fcd	231fcd	103fcd	58fcd	37fcd	16fcd	9fcd	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	9,9m	13,2m	16,5m
Beam wid.	1,1ft	2,2ft	3,2ft	4,3ft	5,4ft	8,1ft	10,8ft	16,2ft	21,6ft	27ft	32,4ft	43,2ft	54ft

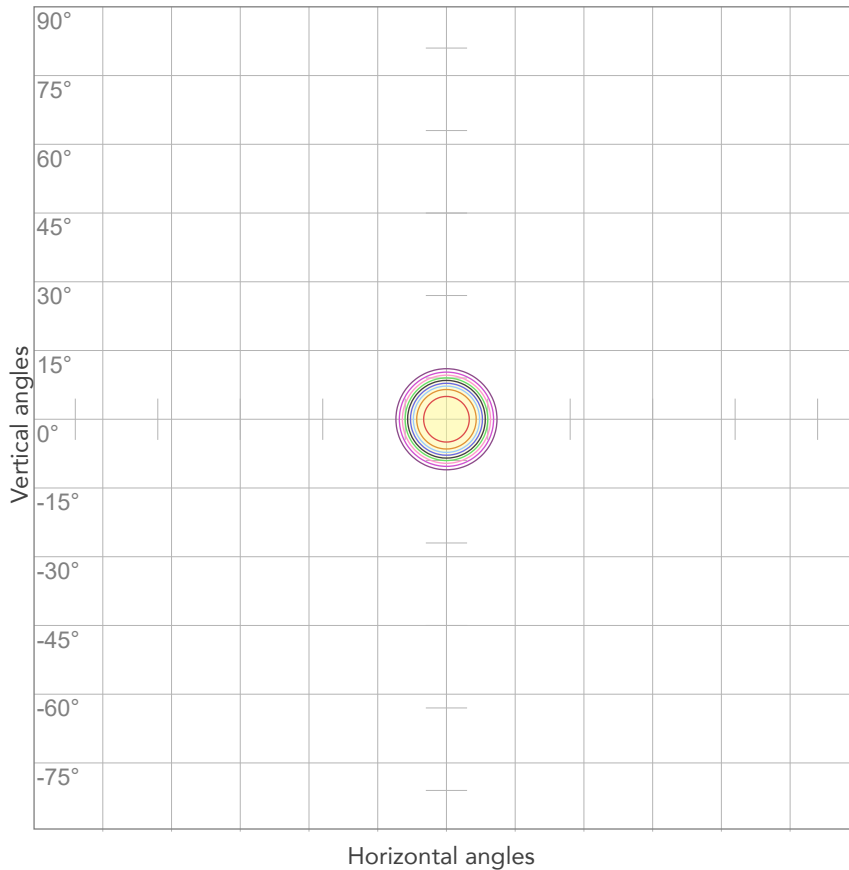
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,332A	64,0W	13lm/W

ISO CANDELA DIAGRAM



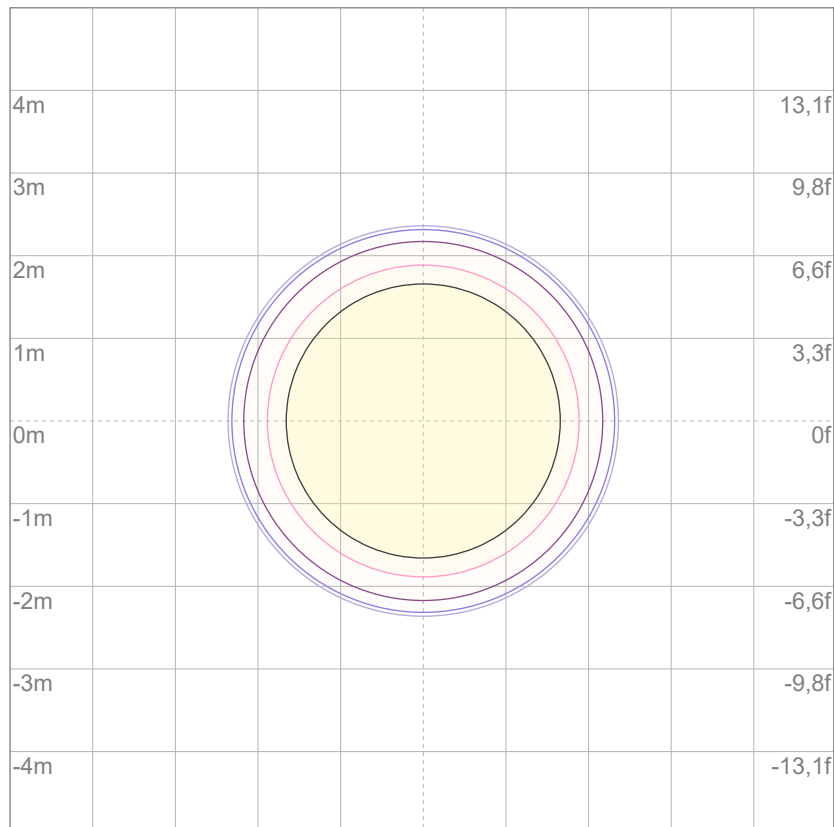
10%	994 cd
20%	1987 cd
30%	2981 cd
40%	3974 cd
50%	4968 cd
60%	5962 cd
70%	6955 cd
80%	7949 cd

Conditions:

Number of c-planes: 2

Candela at center: 9936 cd

ISO LUX DIAGRAM



3%	2,98 lx
5%	4,97 lx
10%	9,94 lx
30%	29,8 lx
50%	49,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 99,4 lx

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



Total lumen output:

590 lm

Peak candela output:

125780 cd

Light quality:

CRI: 37,8

Color temperature:

2867 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

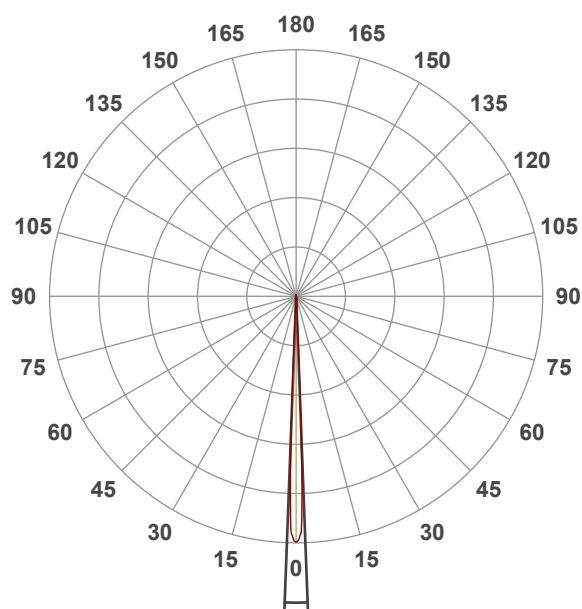
2800K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:12:33

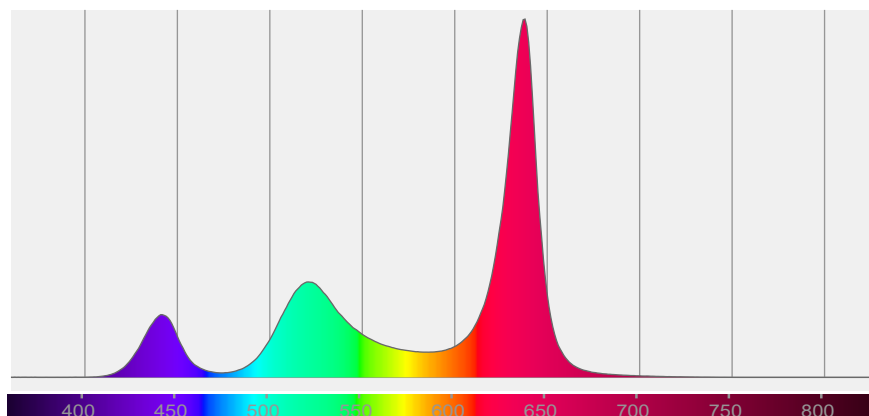


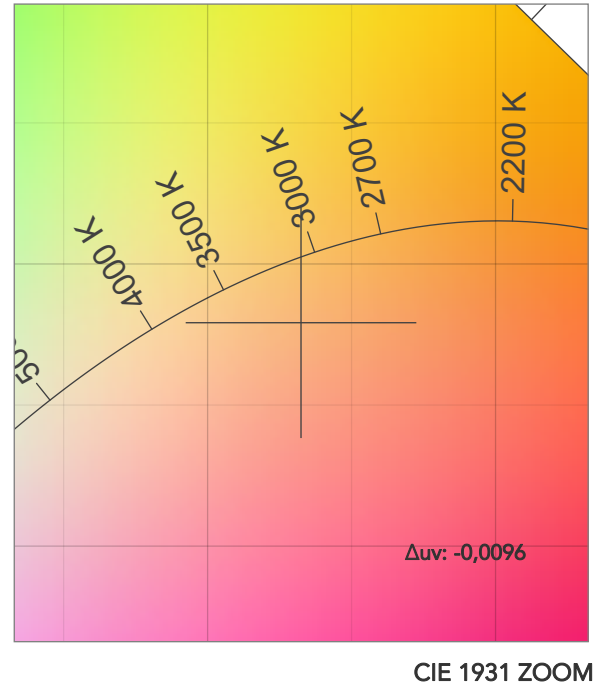
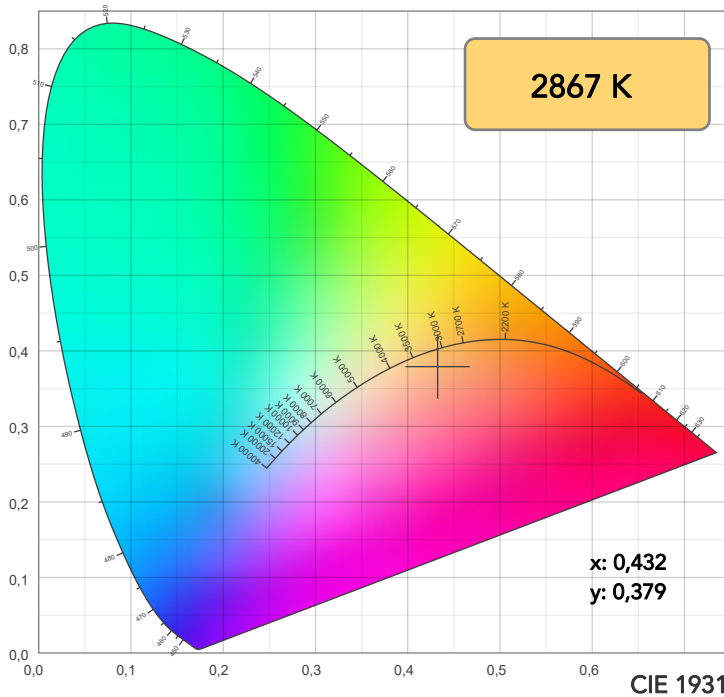
Beam angle 50%: 4,3°

Field angle 10%: 5,7°

Cut off angle 2.5%: 6,5°

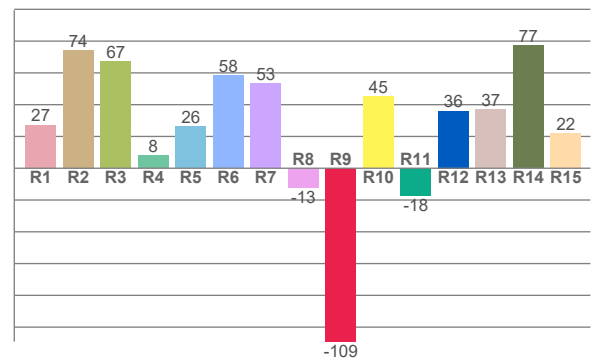
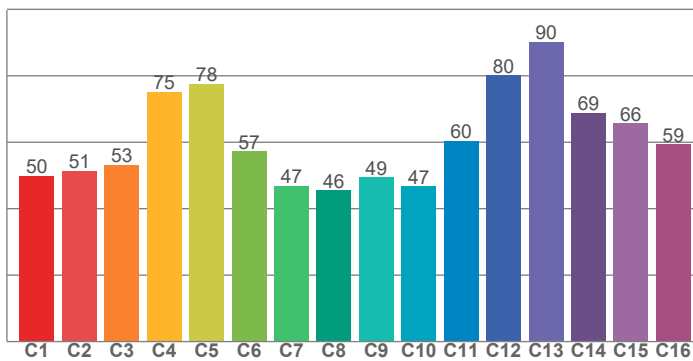
Spectra





TM30: 61,0

CRI: 37,8 (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
27,3	74,4	67,1	7,9	26,2	58,4	53,2	-12,5	-109,1	45,2	-17,6	36,1	36,9	77,3	22,1

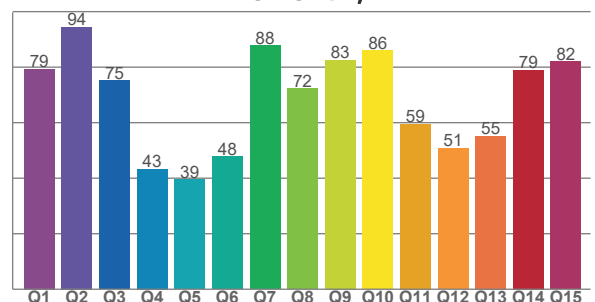
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
49,9	51,5	53,2	75,2	77,6	57,3	46,8	45,5	49,5	46,7	60,5	80,2	90,2	68,8	65,7	59,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,4	94,4	75,2	43,4	39,4	47,8	87,8	72,3	82,5	86,0	59,4	50,8	55,2	79,1	82,1

CQS: 64,2



COLOR PARAMETERS

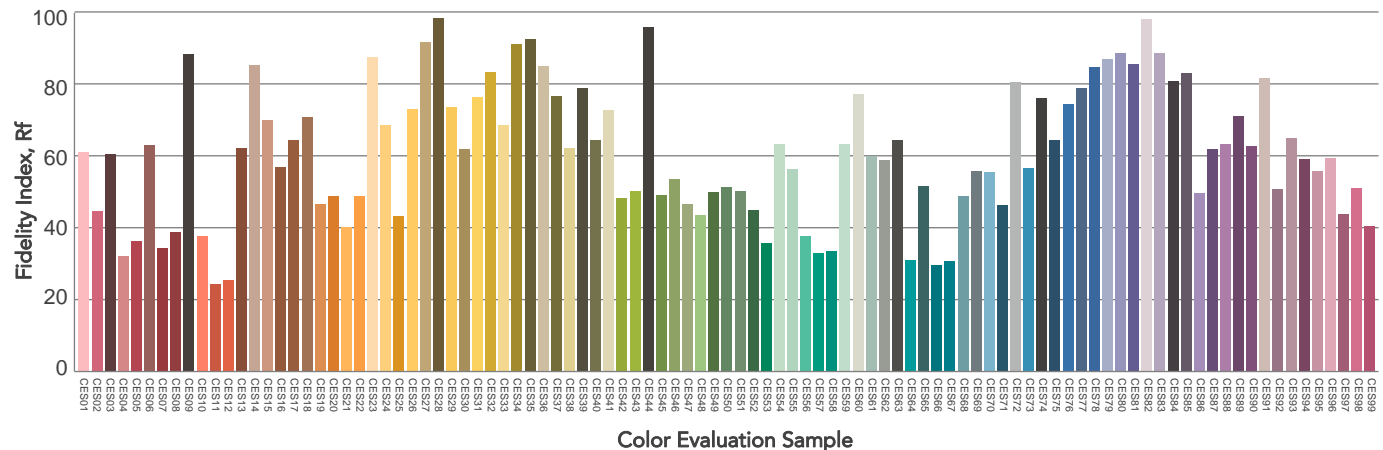
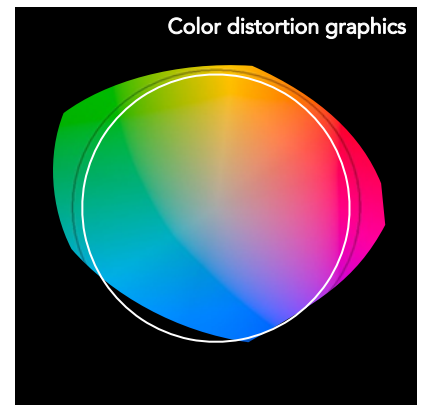
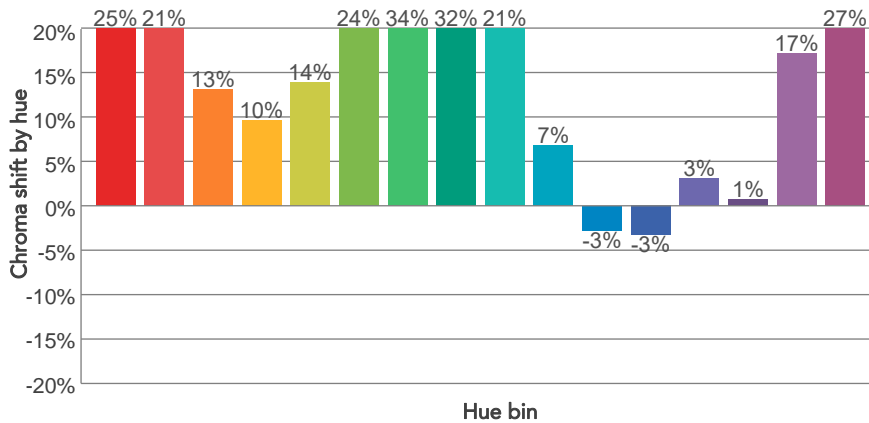
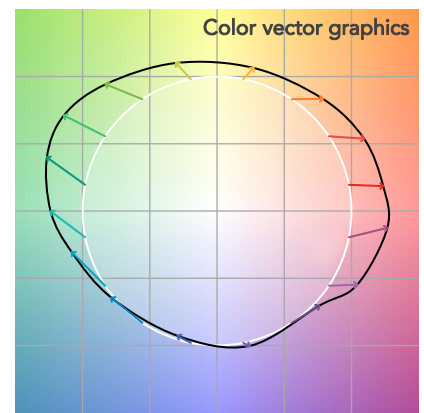
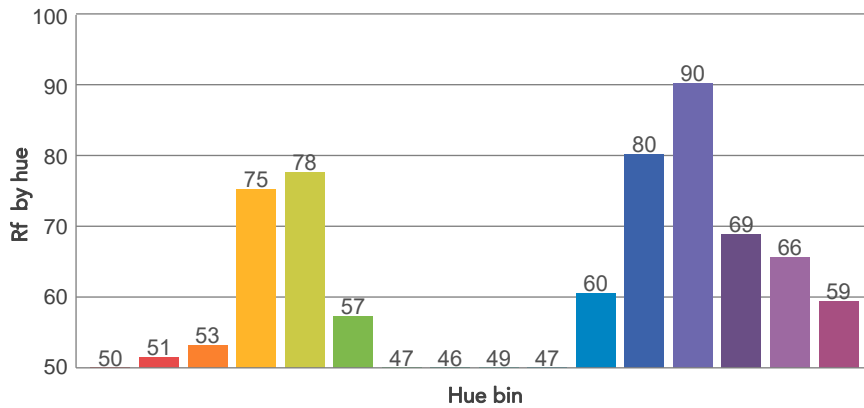
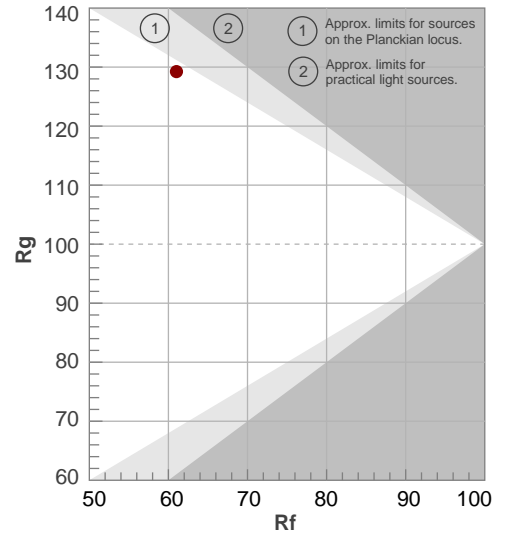
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2867 K	37,8	-109,1	61,0	129,2	64,2	21	0,432	0,379	-0,0096

TM30 DETAILS

Rf 61,0
Fidelity index Rf

Rg 129,2
Gammut index

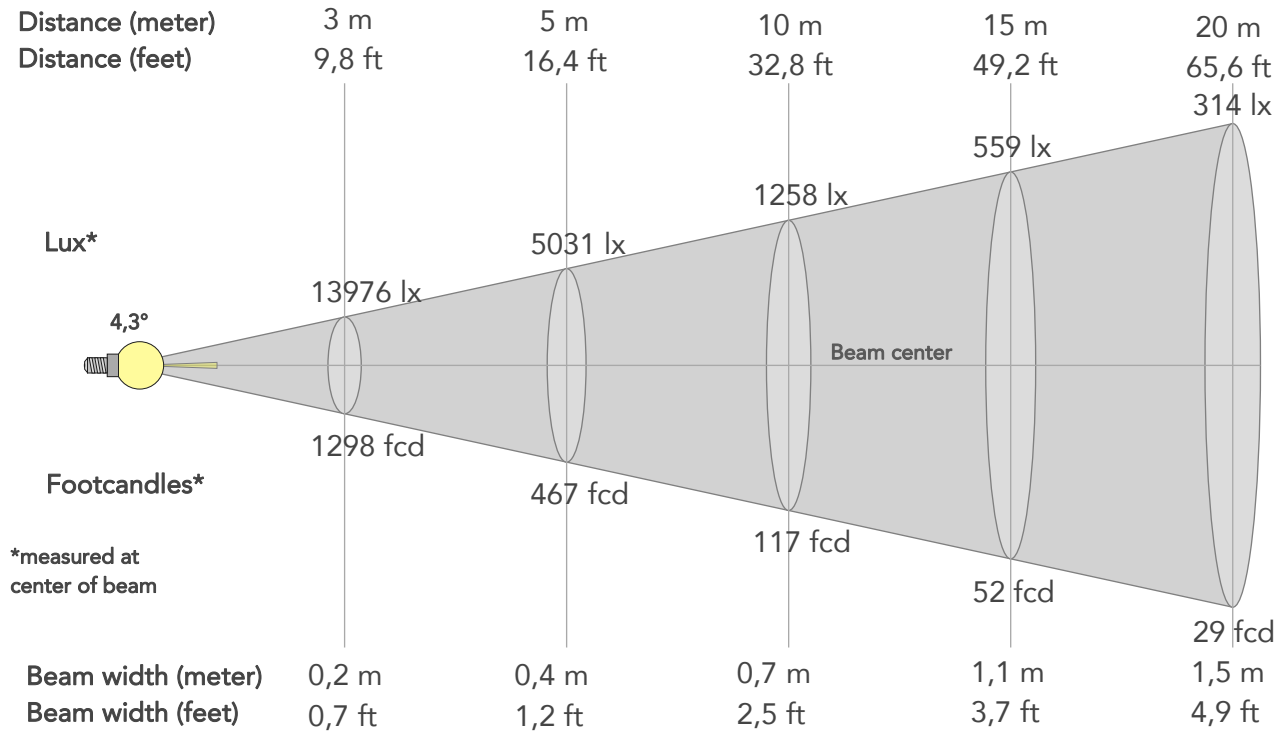
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	50	25%	-6%
2	51	21%	-16%
3	53	13%	-19%
4	75	10%	-6%
5	78	14%	9%
6	57	24%	17%
7	47	34%	4%
8	46	32%	-14%
9	49	21%	-24%
10	47	7%	-35%
11	60	-3%	-30%
12	80	-3%	-11%
13	90	3%	4%
14	69	1%	24%
15	66	17%	12%
16	59	27%	12%



BEAM DETAILS



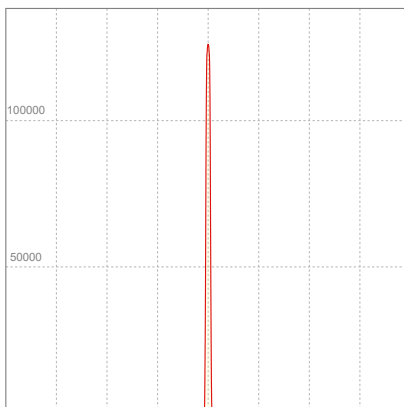
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,3°	5,7°	6,5°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	125780lx	31445lx	13976lx	7861lx	5031lx	2236lx	1258lx	559lx	314lx	201lx	140lx	79lx	50lx
Footcand.	11685fcd	2921fcd	1298fcd	730fcd	467fcd	208fcd	117fcd	52fcd	29fcd	19fcd	13fcd	7fcd	5fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,4m	0,6m	0,7m	1,1m	1,5m	1,9m	2,2m	3m	3,7m
Beam wid.	0,2ft	0,5ft	0,7ft	1ft	1,2ft	1,8ft	2,5ft	3,7ft	4,9ft	6,1ft	7,4ft	9,8ft	12,3ft

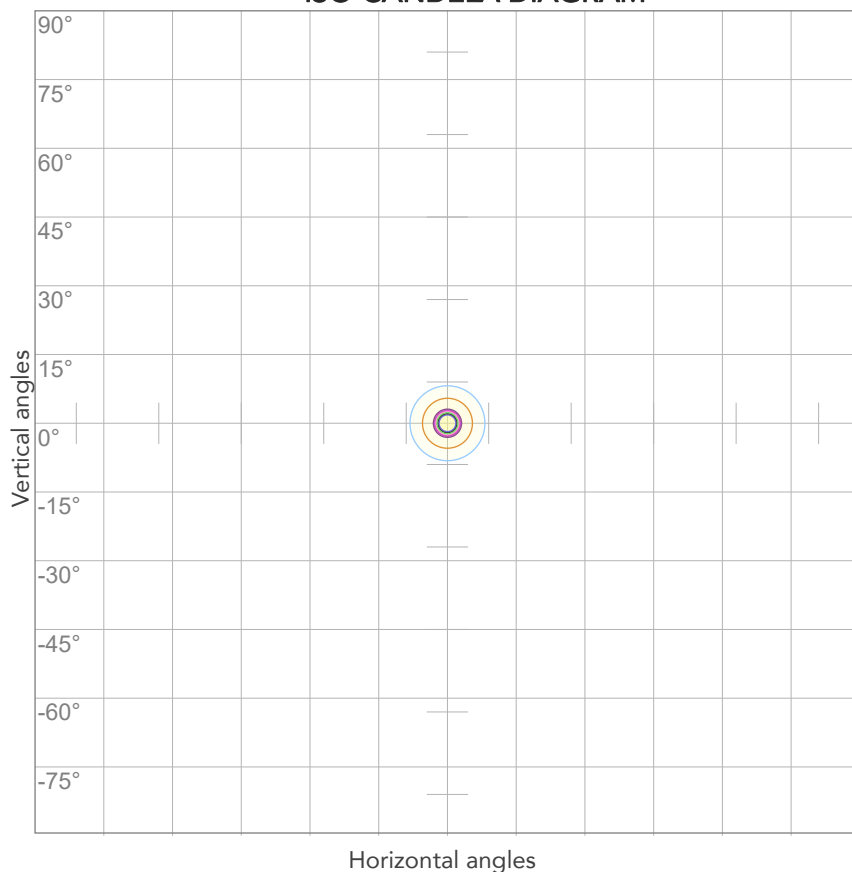
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,333A	64,3W	9lm/W

ISO CANDELA DIAGRAM



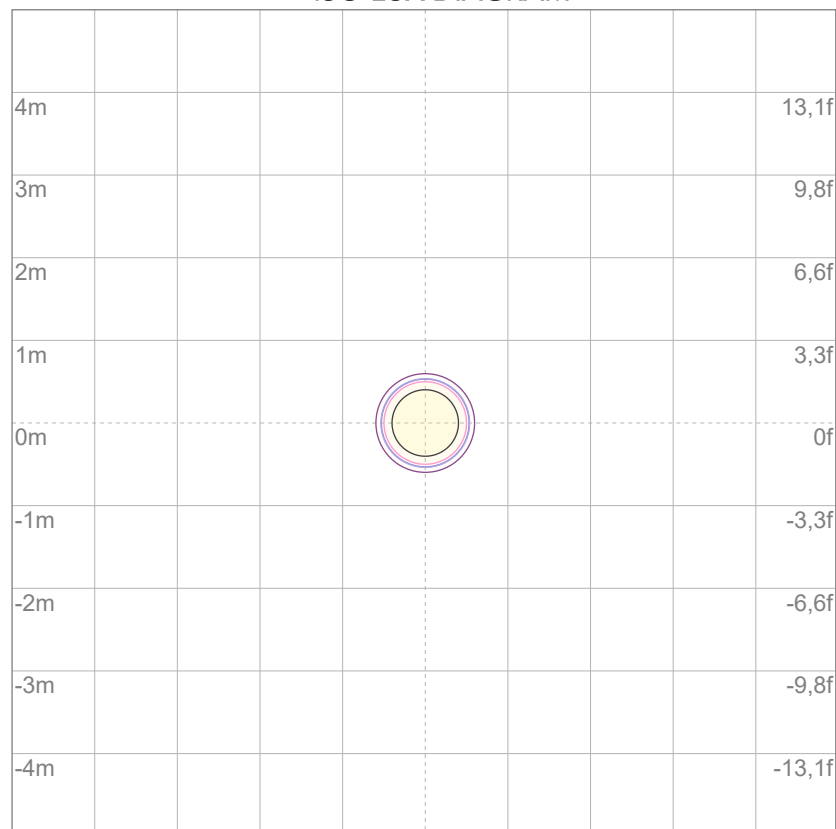
10%	12578 cd
20%	25156 cd
30%	37734 cd
40%	50312 cd
50%	62890 cd
60%	75468 cd
70%	88046 cd
80%	100624 cd

Conditions:

Number of c-planes: 2

Candela at center: 125780 cd

ISO LUX DIAGRAM



3%	37,7 lx
5%	62,9 lx
10%	126 lx
30%	377 lx
50%	629 lx

Conditions:

Number of c-planes: 2

Lux at center: 1258 lx

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



Total lumen output:

1126 lm

Peak candela output:

3143 cd

Light quality:

CRI: 47,1

Color temperature:

3239 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

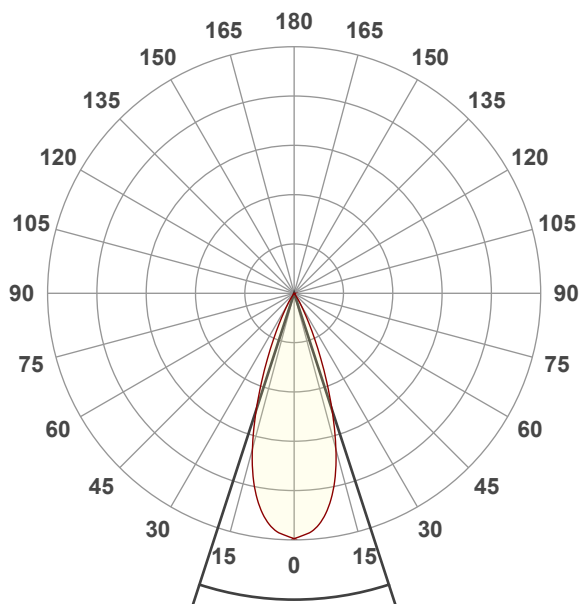
3200K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:21:56

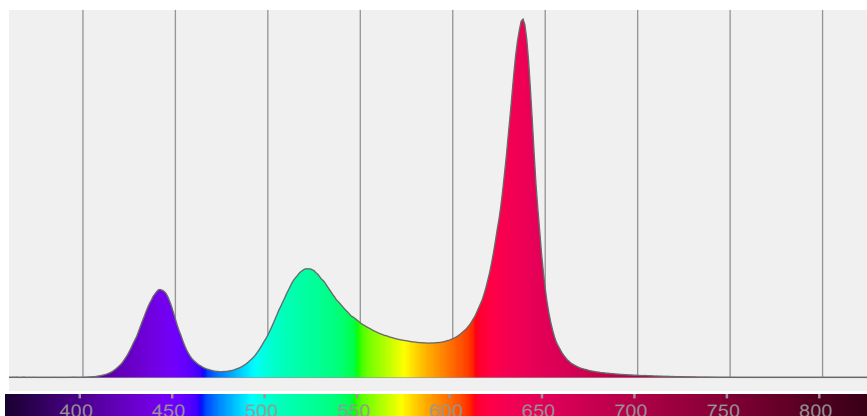


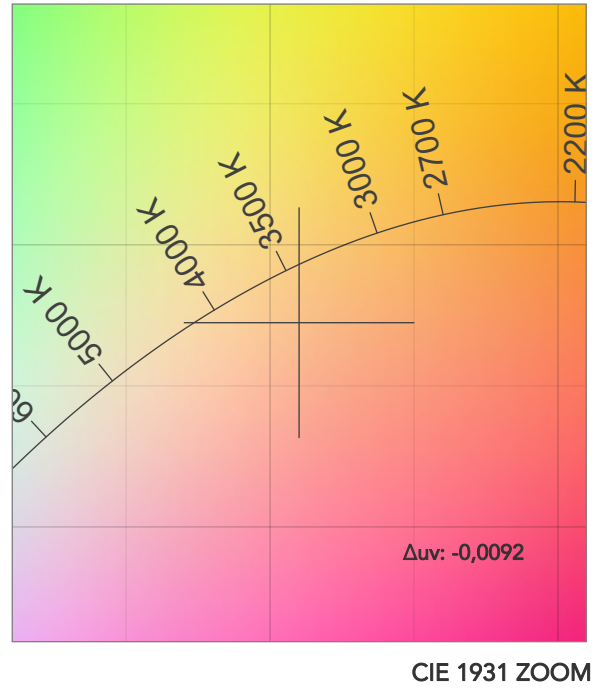
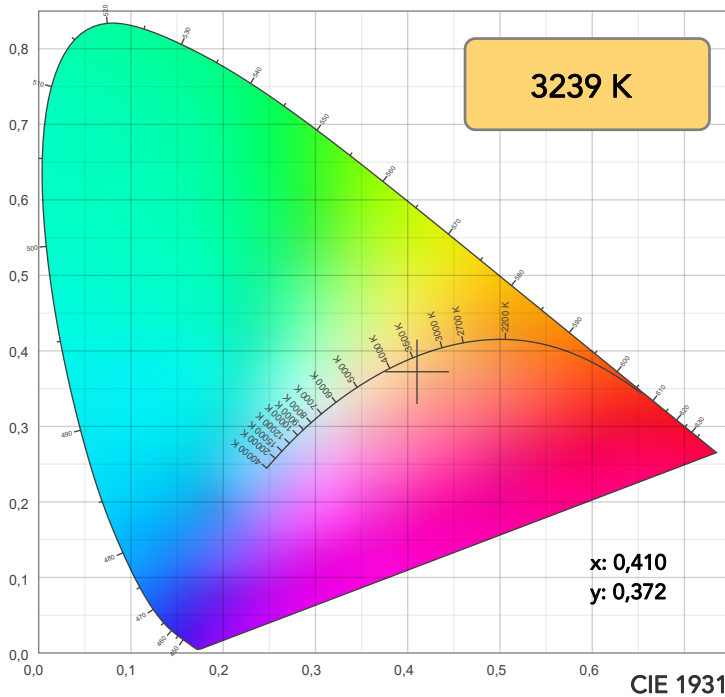
Beam angle 50%: 36°

Field angle 10%: 55,4°

Cut off angle 2.5%: 66°

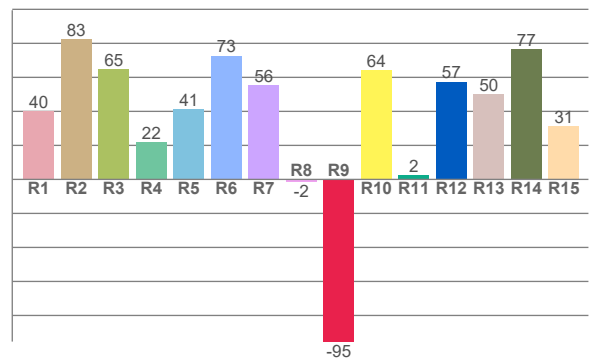
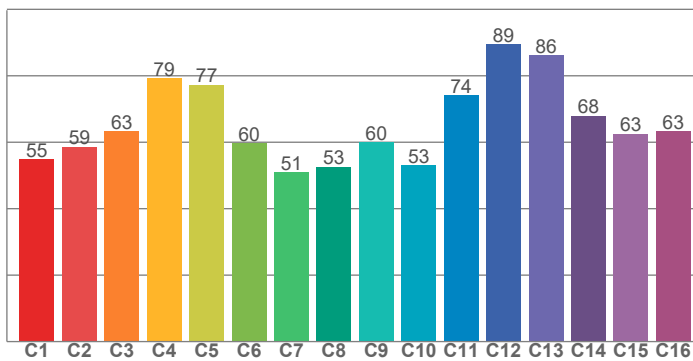
Spectra





TM30: 66,1

CRI: 47,1 (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
40,0	82,6	65,0	21,6	41,1	72,7	55,5	-1,6	-95,4	64,0	2,4	57,5	49,9	76,7	31,2

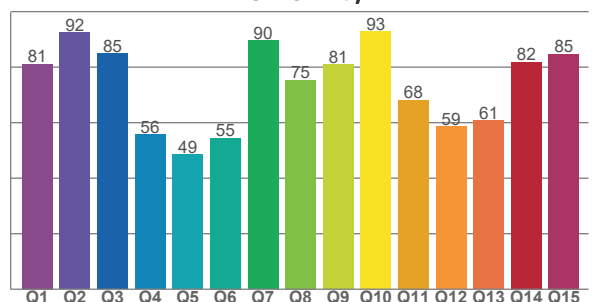
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
54,8	58,5	63,3	79,2	77,3	59,7	51,0	52,7	59,9	53,0	74,1	89,4	86,2	68,0	62,6	63,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,2	92,4	84,8	55,7	48,6	54,5	89,6	75,3	80,9	92,8	68,2	58,7	60,7	81,8	84,7

CQS: 70,1



COLOR PARAMETERS

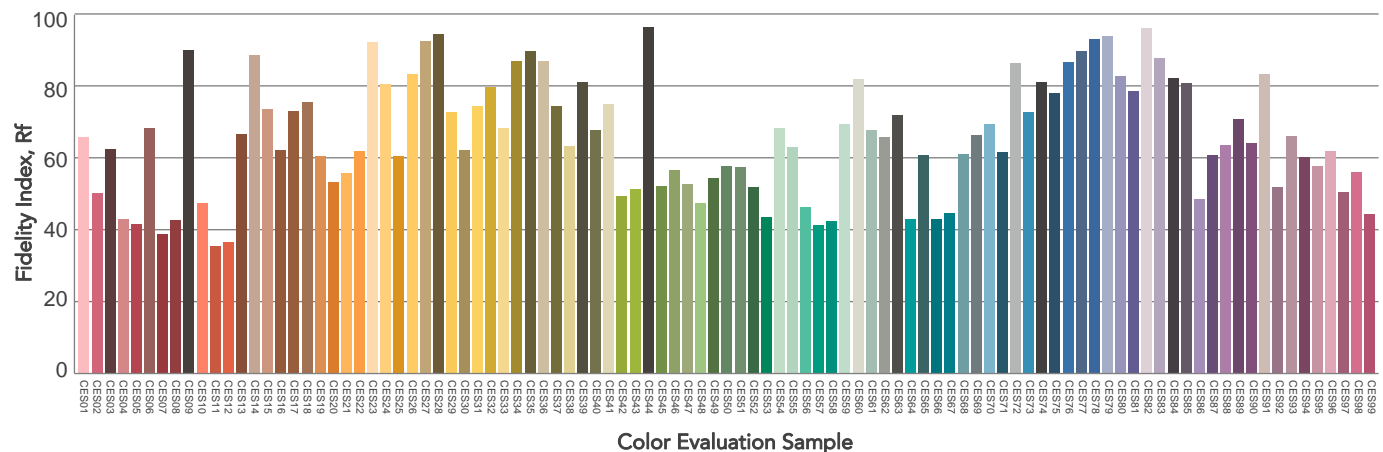
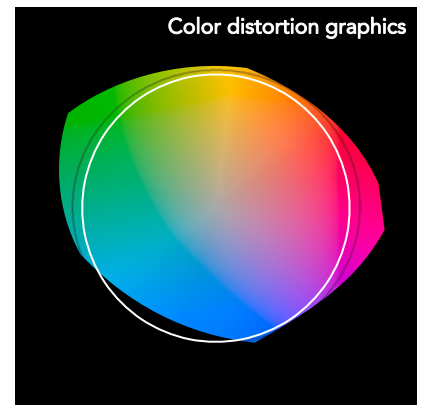
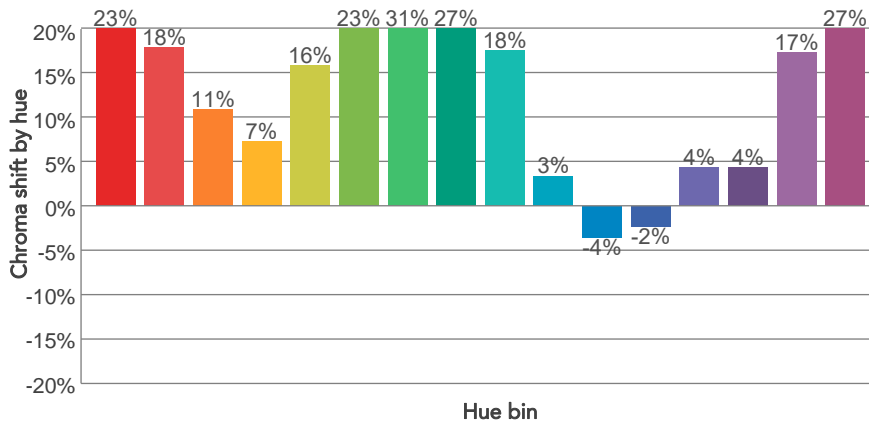
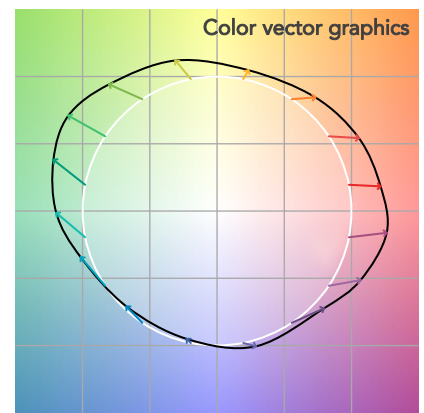
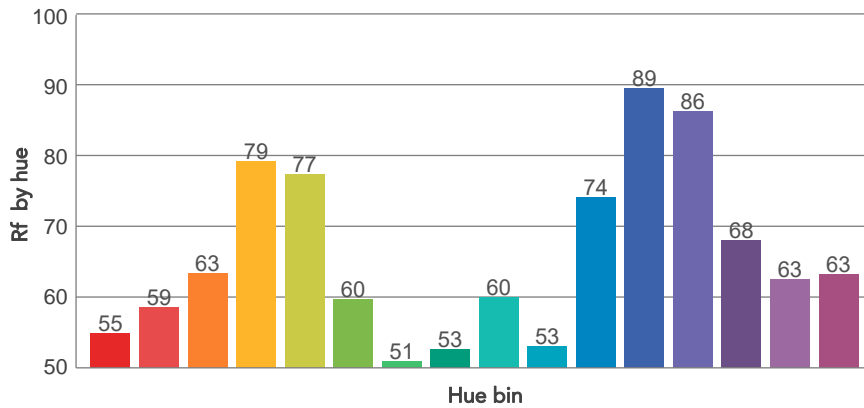
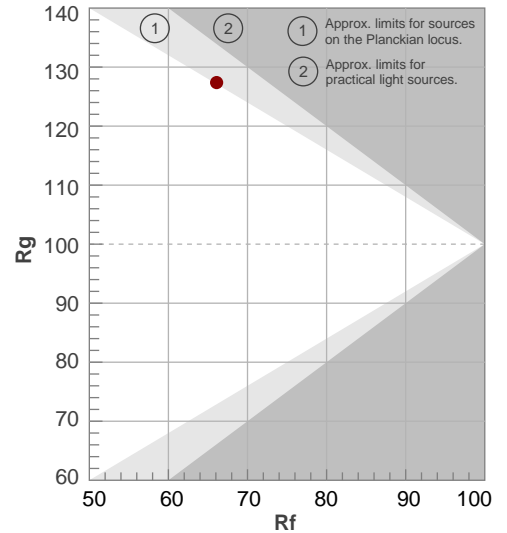
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3239 K	47,1	-95,4	66,1	127,4	70,1	28	0,410	0,372	-0,0092

TM30 DETAILS

Rf 66,1
Fidelity index Rf

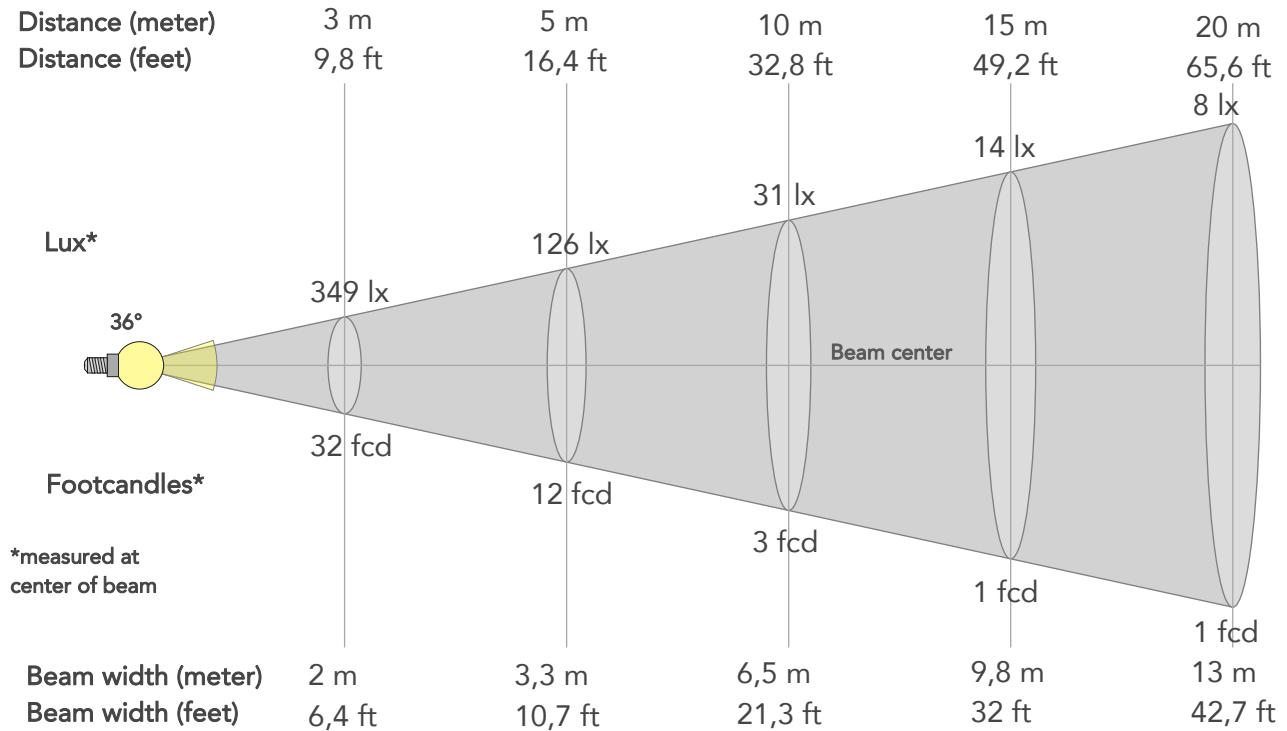
Rg 127,4
Gammut index

		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	55	23%	-6%
2	59	18%	-13%
3	63	11%	-14%
4	79	7%	-2%
5	77	16%	9%
6	60	23%	14%
7	51	31%	2%
8	53	27%	-14%
9	60	18%	-22%
10	53	3%	-28%
11	74	-4%	-17%
12	89	-2%	-4%
13	86	4%	9%
14	68	4%	26%
15	63	17%	17%
16	63	27%	9%



BEAM DETAILS

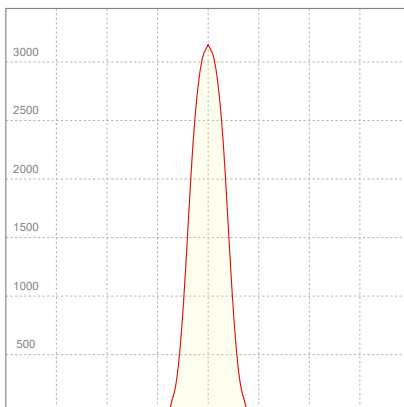
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36°	55,4°	66°	100,0%	100,0%



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	3143lx	786lx	349lx	196lx	126lx	56lx	31lx	14lx	8lx	5lx	3lx	2lx	1lx
Footcand.	292fcd	73fcd	32fcd	18fcd	12fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	0,7m	1,3m	2m	2,6m	3,3m	4,9m	6,5m	9,8m	13m	16,3m	19,5m	26m	32,5m
Beam wid.	2,1ft	4,3ft	6,4ft	8,5ft	10,7ft	16ft	21,3ft	32ft	42,7ft	53,3ft	64ft	85,3ft	106,6ft

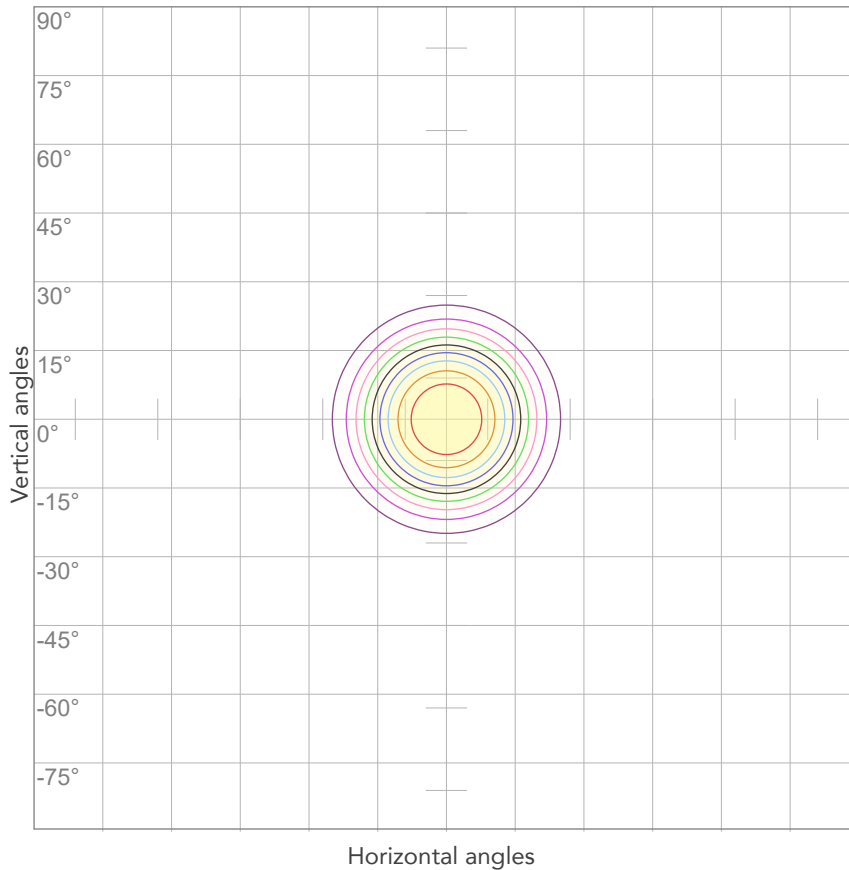
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,353A	68,7W	16lm/W

ISO CANDELA DIAGRAM



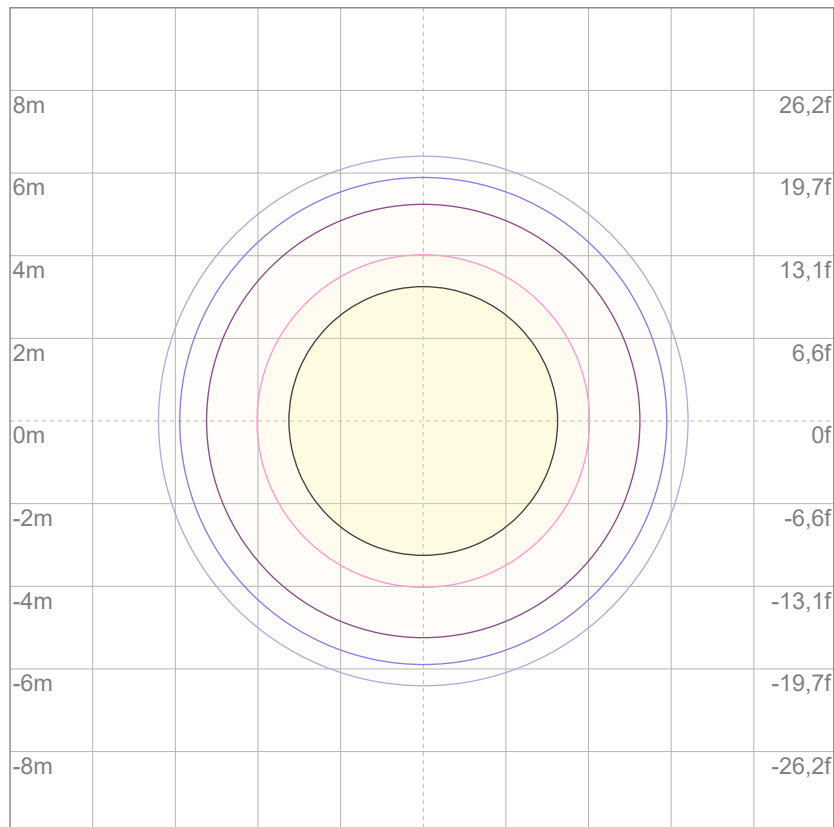
10%	314 cd
20%	629 cd
30%	943 cd
40%	1257 cd
50%	1571 cd
60%	1886 cd
70%	2200 cd
80%	2514 cd

Conditions:

Number of c-planes: 2

Candela at center: 3143 cd

ISO LUX DIAGRAM



3%	0,943 lx
5%	1,57 lx
10%	3,14 lx
30%	9,43 lx
50%	15,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 31,4 lx

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



Total lumen output:

984 lm

Peak candela output:

11382 cd

Light quality:

CRI: 46,9

Color temperature:

3238 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

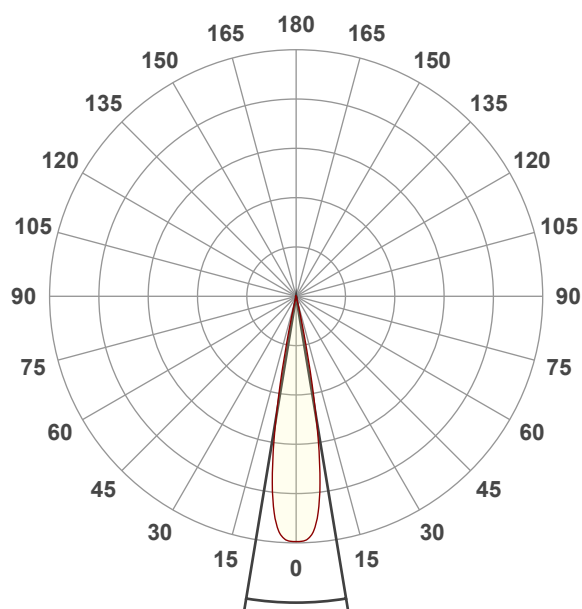
3200K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:19:59

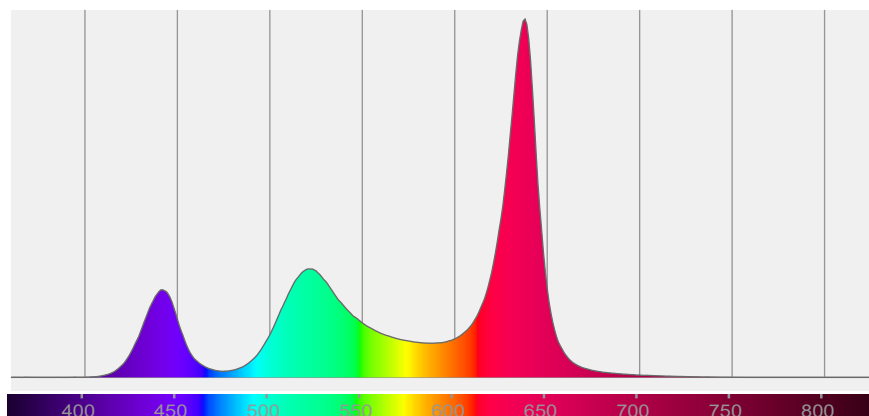


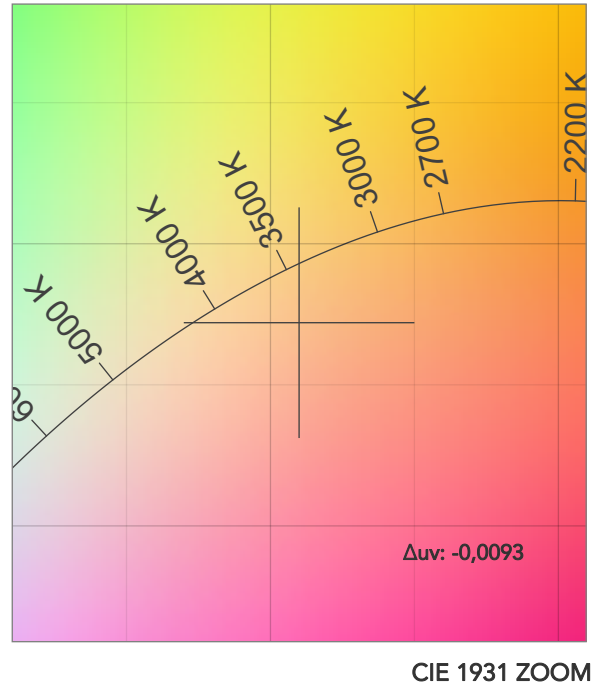
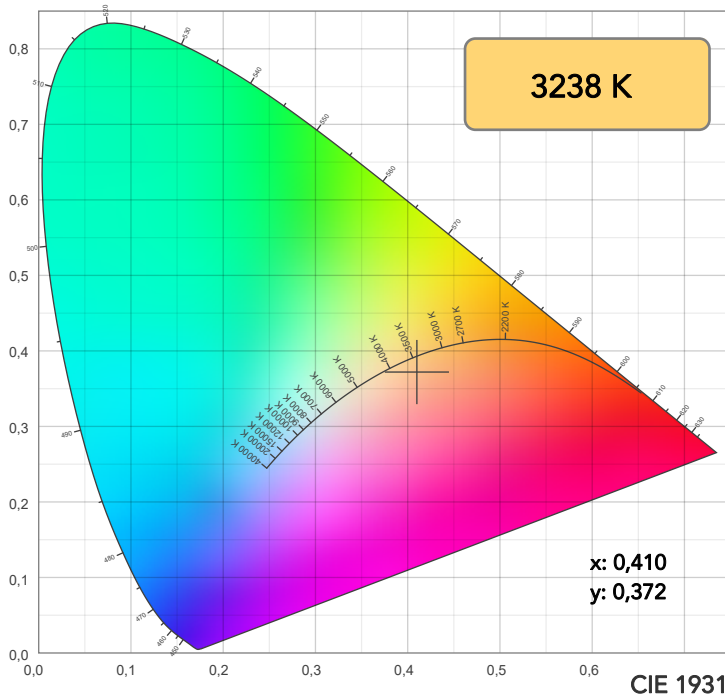
Beam angle 50%: 18,8°

Field angle 10%: 24,9°

Cut off angle 2.5%: 27,2°

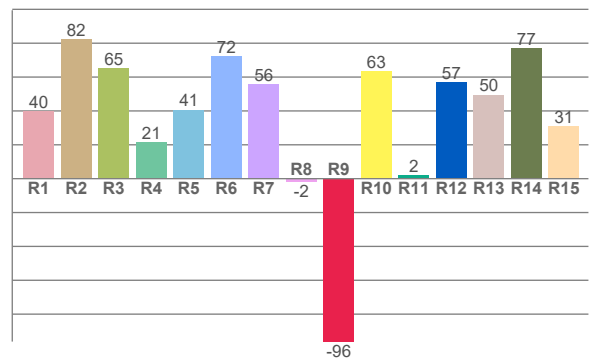
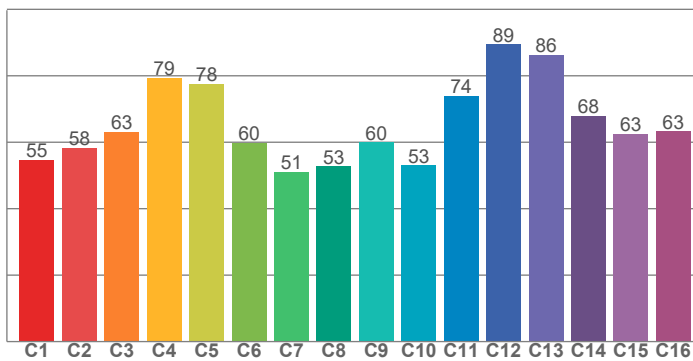
Spectra





TM30: 66,1

CRI: 46,9 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
39,6	82,3	65,2	21,4	40,7	72,3	55,6	-2,0	-96,2	63,3	2,1	57,0	49,5	76,8	30,8

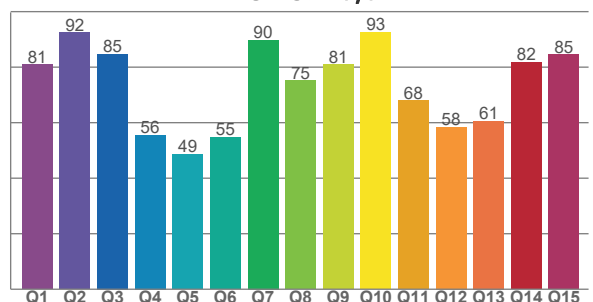
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
54,7	58,4	63,0	79,3	77,6	59,8	51,1	52,7	60,0	53,0	73,9	89,4	86,4	68,0	62,5	63,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,9	92,5	84,7	55,6	48,6	54,7	89,7	75,2	81,0	92,6	67,9	58,5	60,6	81,7	84,5

CQS: 70,0



COLOR PARAMETERS

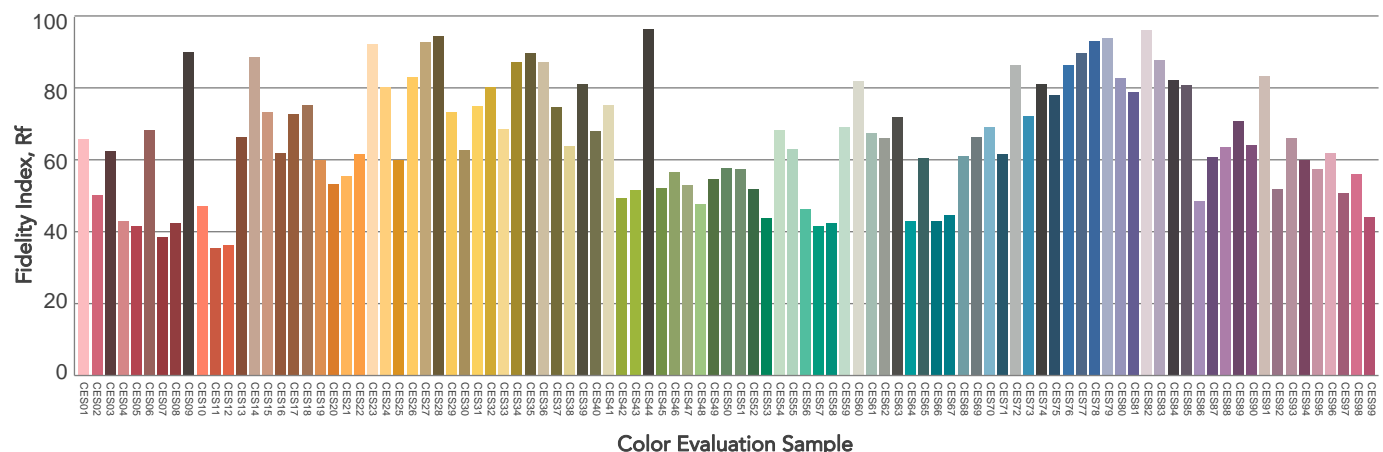
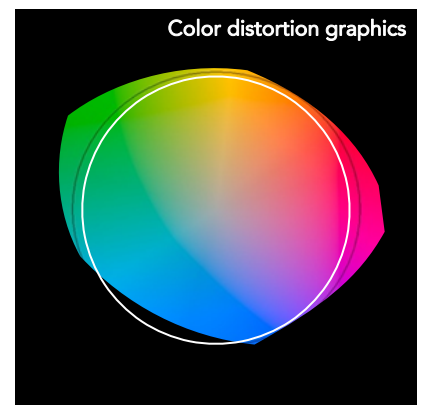
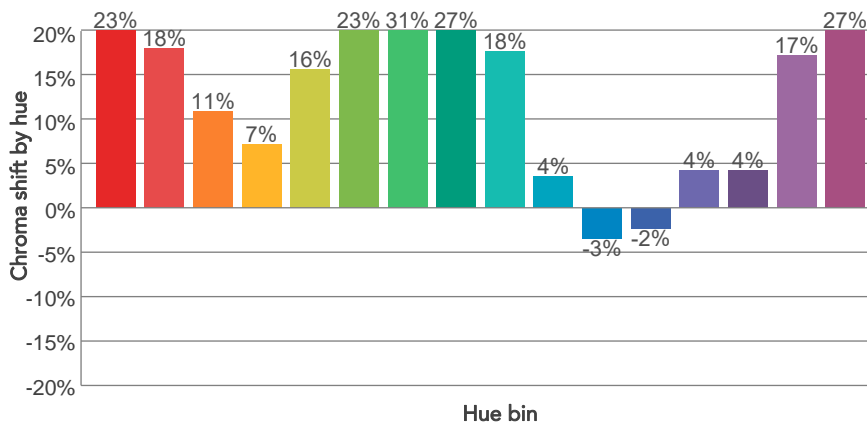
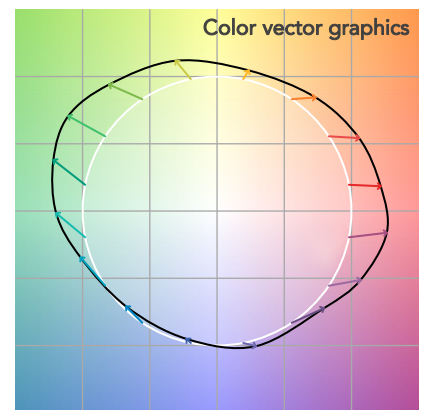
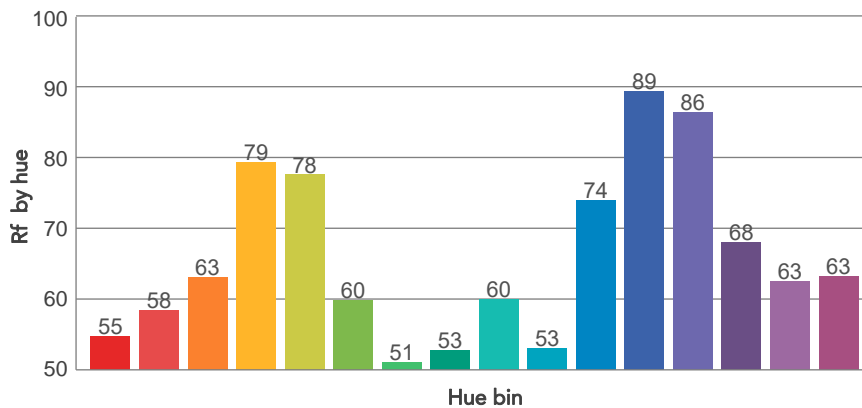
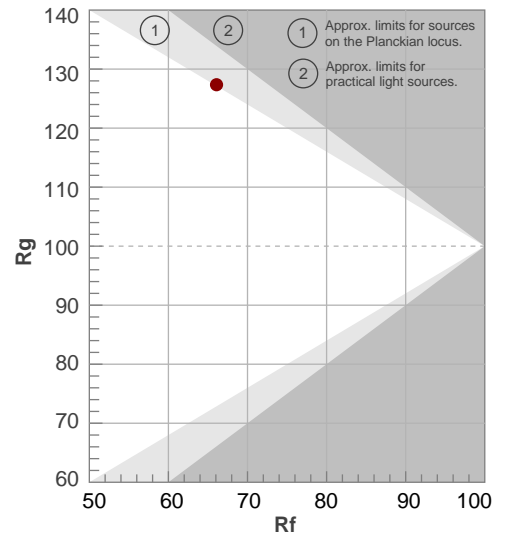
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3238 K	46,9	-96,2	66,1	127,4	70,0	28	0,410	0,372	-0,0093

TM30 DETAILS

Rf 66,1
Fidelity index Rf

Rg 127,4
Gammut index

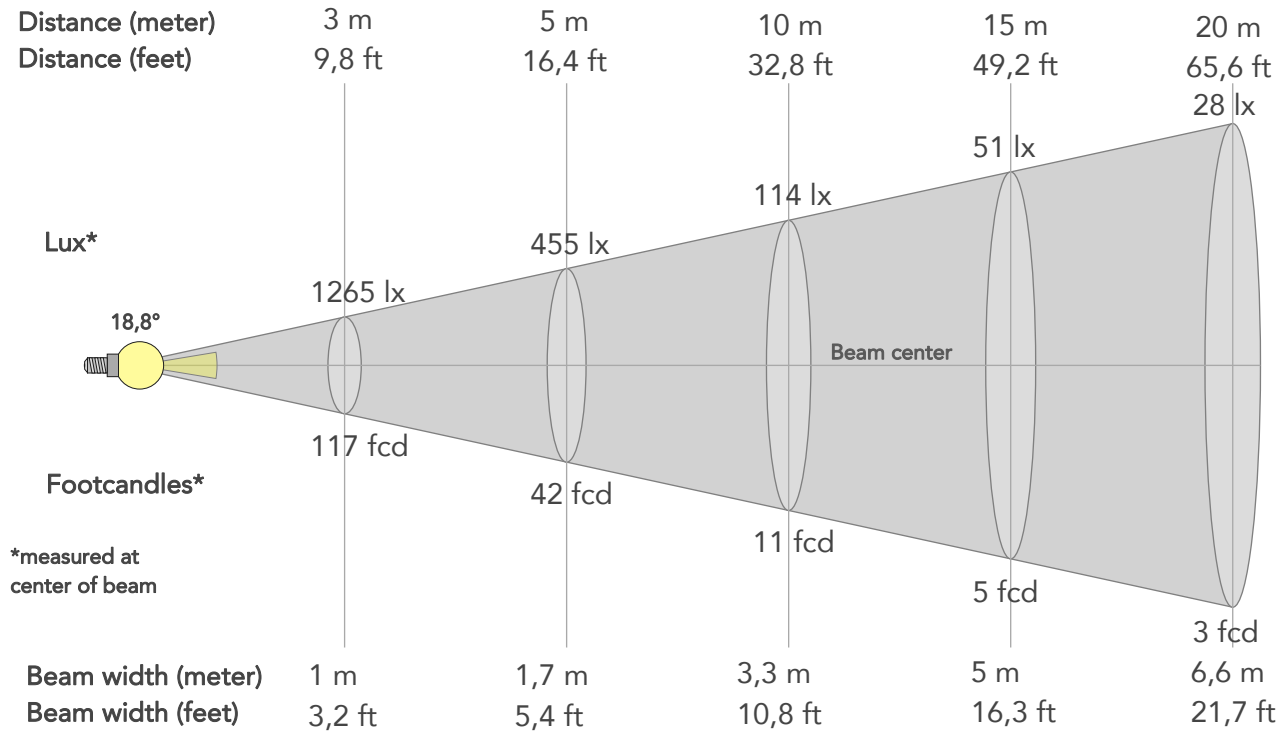
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	55	23%	-6%
2	58	18%	-14%
3	63	11%	-14%
4	79	7%	-3%
5	78	16%	8%
6	60	23%	14%
7	51	31%	3%
8	53	27%	-14%
9	60	18%	-22%
10	53	4%	-28%
11	74	-3%	-17%
12	89	-2%	-4%
13	86	4%	9%
14	68	4%	26%
15	63	17%	17%
16	63	27%	9%



BEAM DETAILS



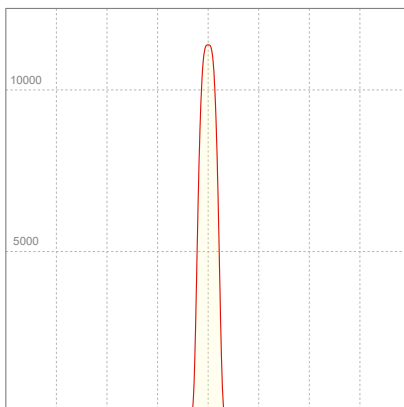
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,8°	24,9°	27,2°	100,0%	100,0%



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	11382lx	2846lx	1265lx	711lx	455lx	202lx	114lx	51lx	28lx	18lx	13lx	7lx	5lx
Footcand.	1057fcd	264fcd	117fcd	66fcd	42fcd	19fcd	11fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,3m	0,7m	1m	1,3m	1,7m	2,5m	3,3m	5m	6,6m	8,3m	9,9m	13,2m	16,5m
Beam wid.	1,1ft	2,2ft	3,2ft	4,3ft	5,4ft	8,1ft	10,8ft	16,3ft	21,7ft	27,1ft	32,5ft	43,4ft	54,2ft

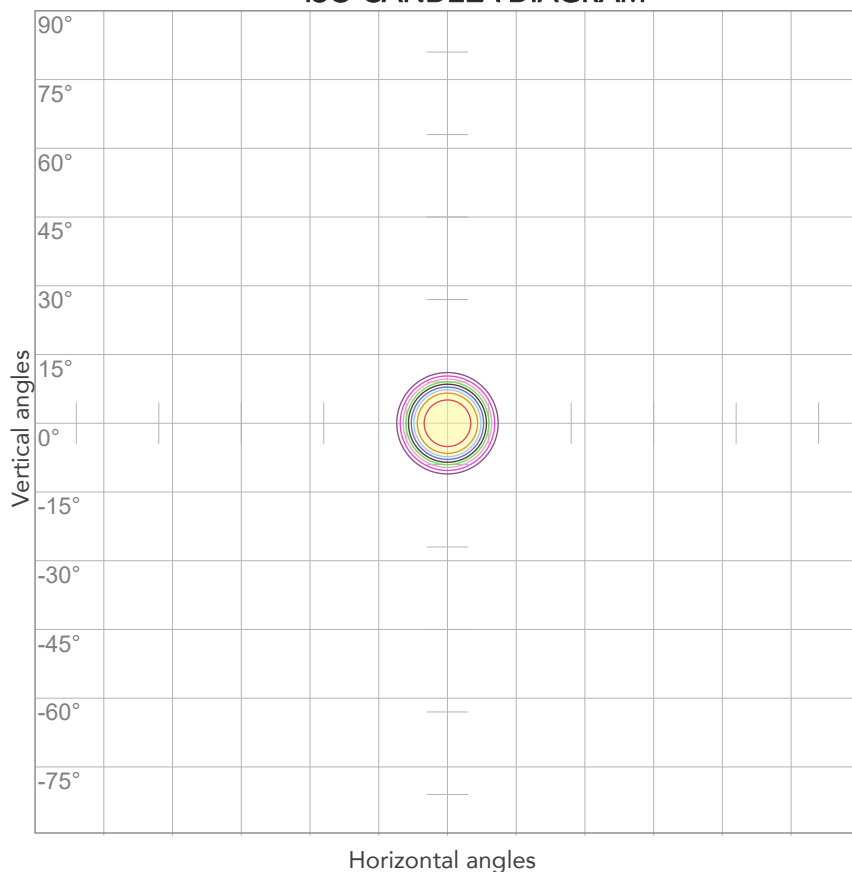
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,356A	69,4W	14lm/W

ISO CANDELA DIAGRAM



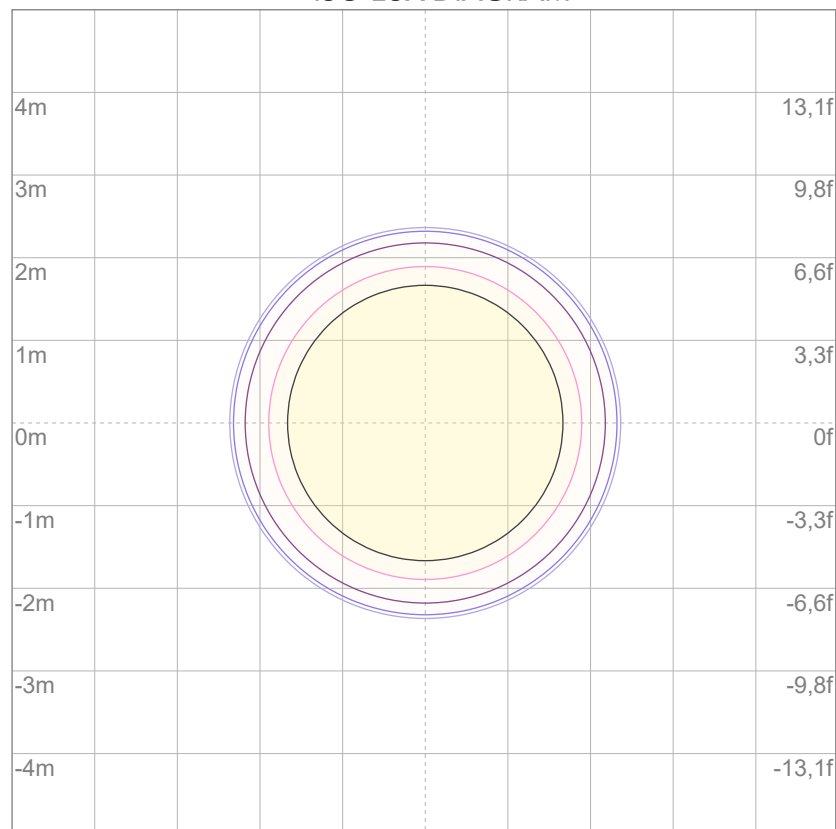
10%	1138 cd
20%	2276 cd
30%	3415 cd
40%	4553 cd
50%	5691 cd
60%	6829 cd
70%	7968 cd
80%	9106 cd

Conditions:

Number of c-planes: 2

Candela at center: 11382 cd

ISO LUX DIAGRAM



3%	3,41 lx
5%	5,69 lx
10%	11,4 lx
30%	34,1 lx
50%	56,9 lx

Conditions:

Number of c-planes: 2

Lux at center: 114 lx

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



Total lumen output:

674 lm

Peak candela output:

145687 cd

Light quality:

CRI: 46,2

Color temperature:

3218 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

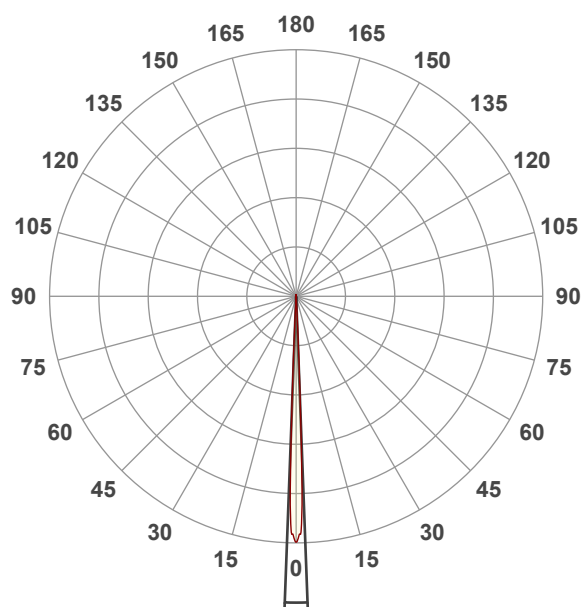
3200K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:18:40

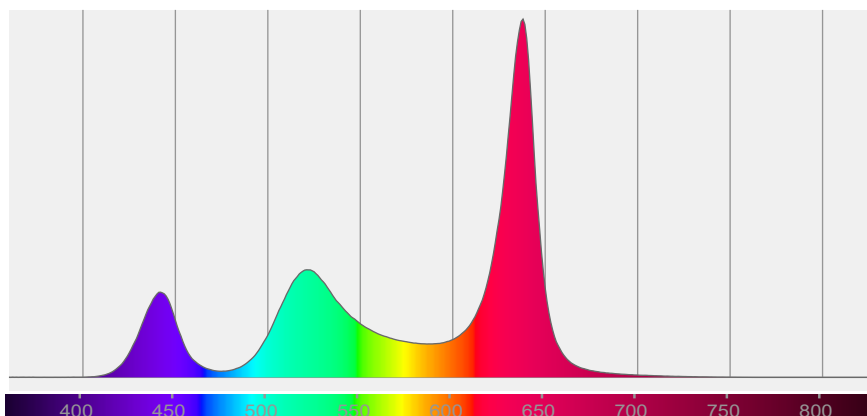


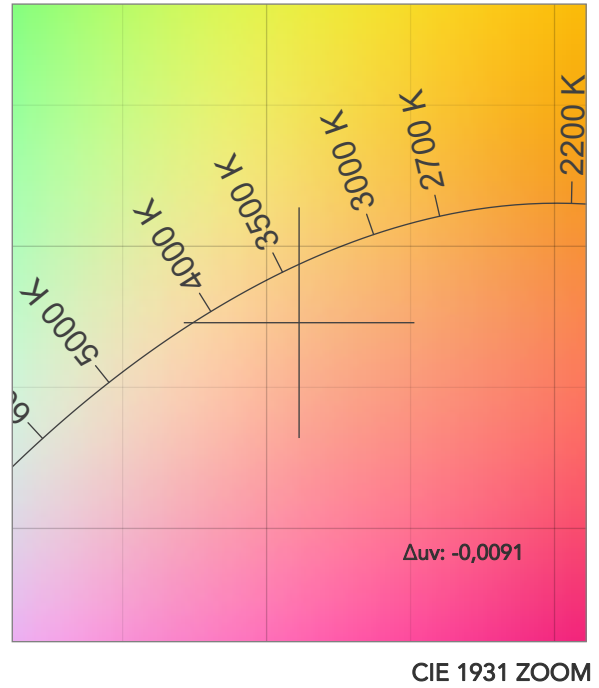
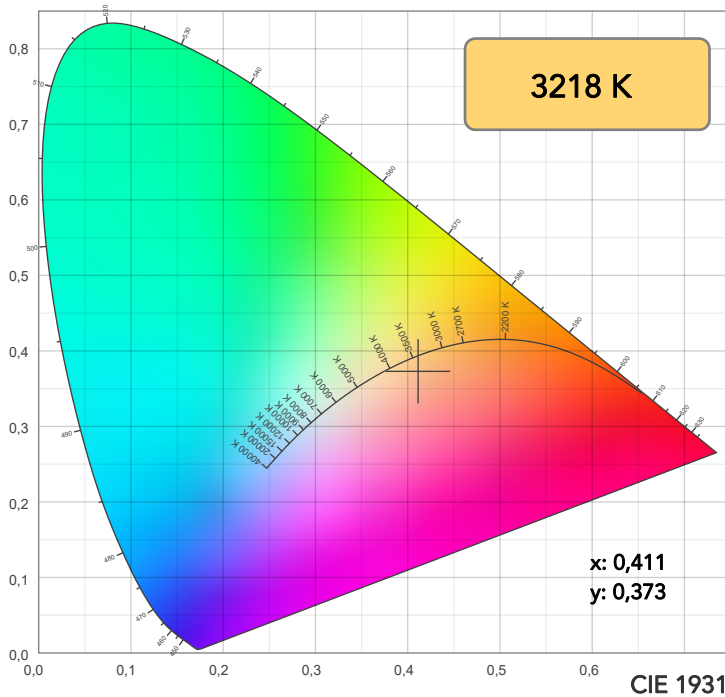
Beam angle 50%: 4,3°

Field angle 10%: 5,7°

Cut off angle 2.5%: 6,3°

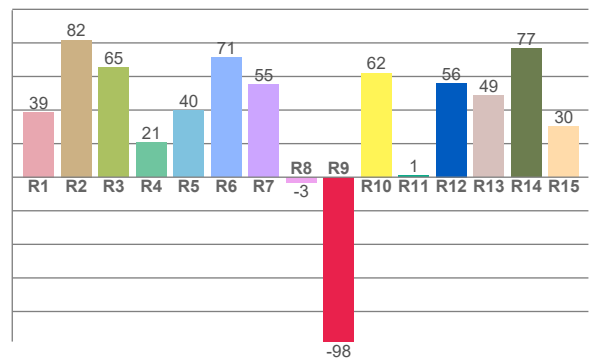
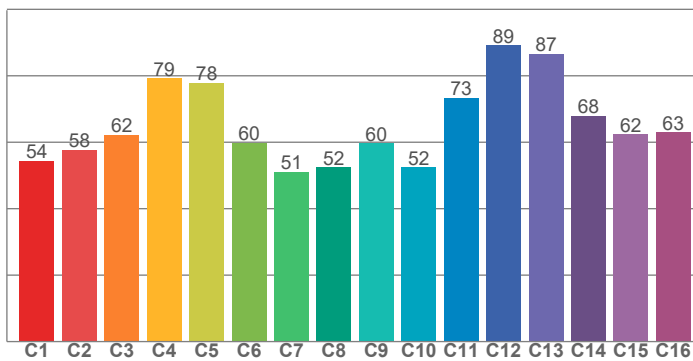
Spectra





TM30: 65,8

CRI: 46,2 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
38,7	81,8	65,2	20,6	39,8	71,5	55,2	-3,0	-97,9	62,1	1,0	56,1	48,7	76,8	30,1

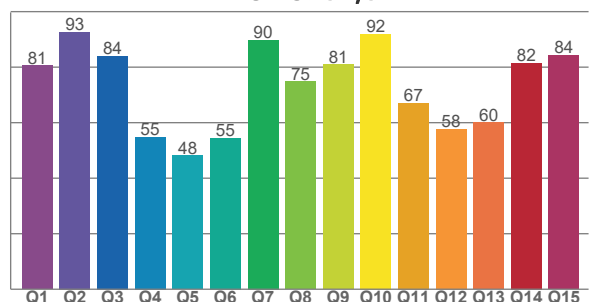
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
54,3	57,8	62,2	79,2	77,8	59,8	51,0	52,4	59,7	52,5	73,3	89,1	86,6	67,9	62,4	63,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,5	92,6	84,1	54,8	48,1	54,5	89,7	74,8	81,0	92,0	67,2	57,7	60,0	81,5	84,3

CQS: 69,6



COLOR PARAMETERS

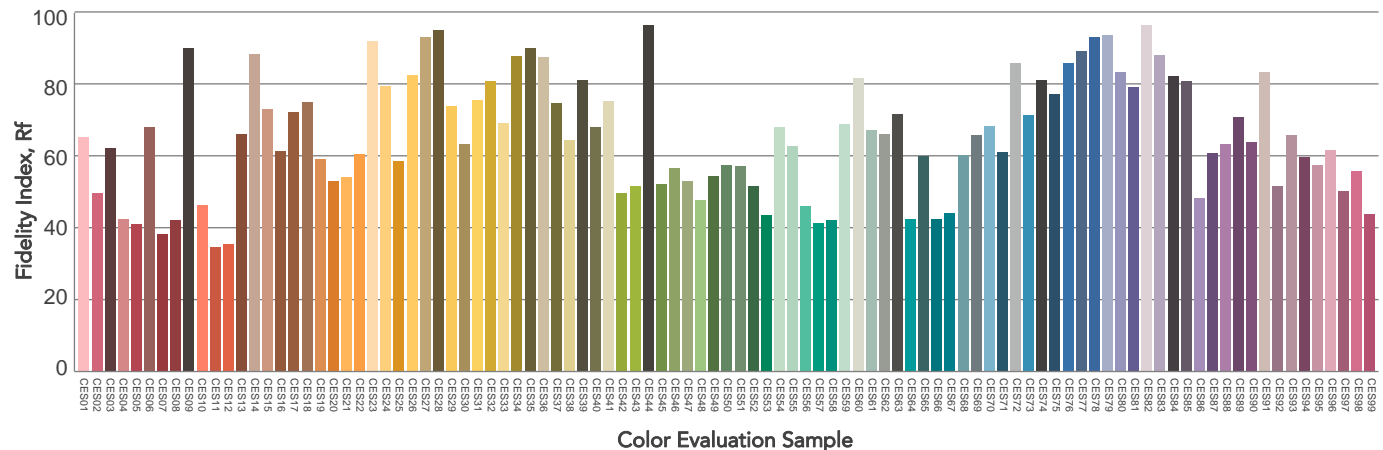
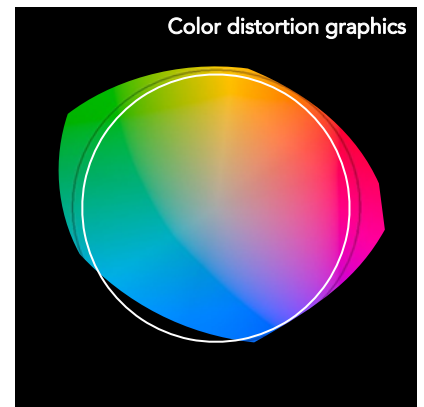
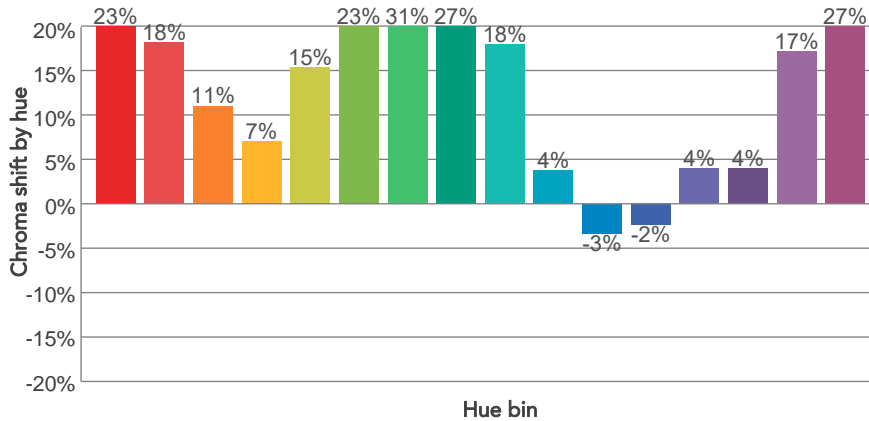
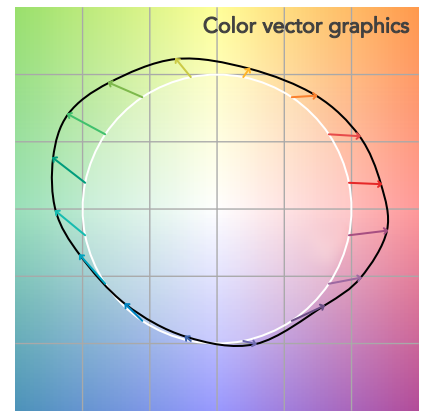
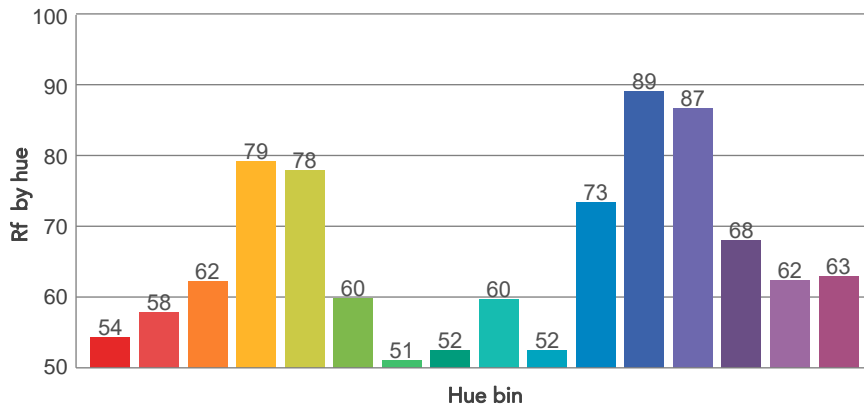
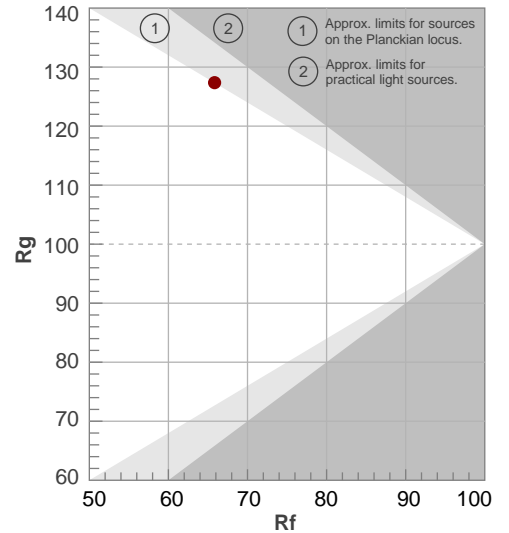
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3218 K	46,2	-97,9	65,8	127,4	69,6	27	0,411	0,373	-0,0091

TM30 DETAILS

Rf 65,8
Fidelity index Rf

Rg 127,4
Gammut index

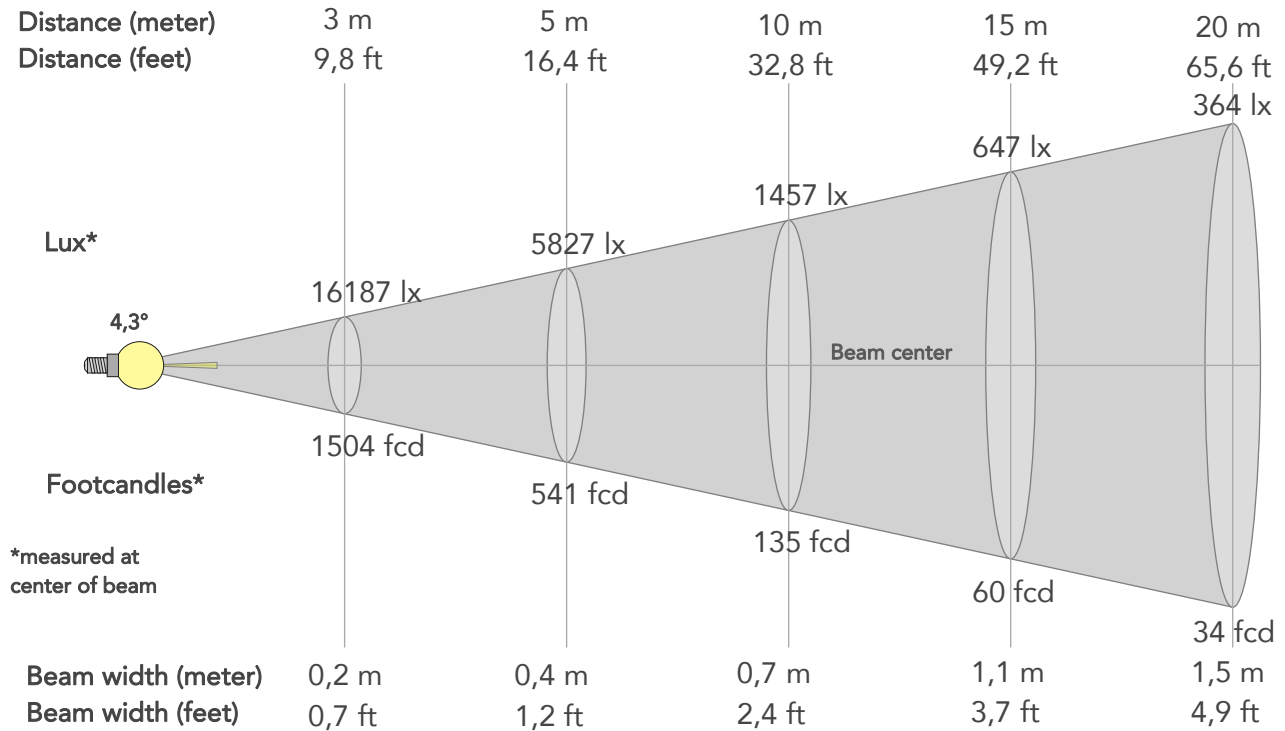
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	54	23%	-6%
2	58	18%	-14%
3	62	11%	-14%
4	79	7%	-3%
5	78	15%	8%
6	60	23%	15%
7	51	31%	3%
8	52	27%	-13%
9	60	18%	-22%
10	52	4%	-28%
11	73	-3%	-17%
12	89	-2%	-4%
13	87	4%	8%
14	68	4%	26%
15	62	17%	17%
16	63	27%	9%



BEAM DETAILS



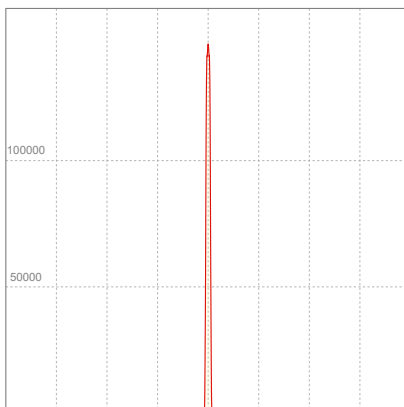
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,3°	5,7°	6,3°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	145687lx	36422lx	16187lx	9105lx	5827lx	2590lx	1457lx	647lx	364lx	233lx	162lx	91lx	58lx
Footcand.	13535fcd	3384fcd	1504fcd	846fcd	541fcd	241fcd	135fcd	60fcd	34fcd	22fcd	15fcd	8fcd	5fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,4m	0,6m	0,7m	1,1m	1,5m	1,9m	2,2m	3m	3,7m
Beam wid.	0,2ft	0,5ft	0,7ft	1ft	1,2ft	1,8ft	2,4ft	3,7ft	4,9ft	6,1ft	7,3ft	9,8ft	12,2ft

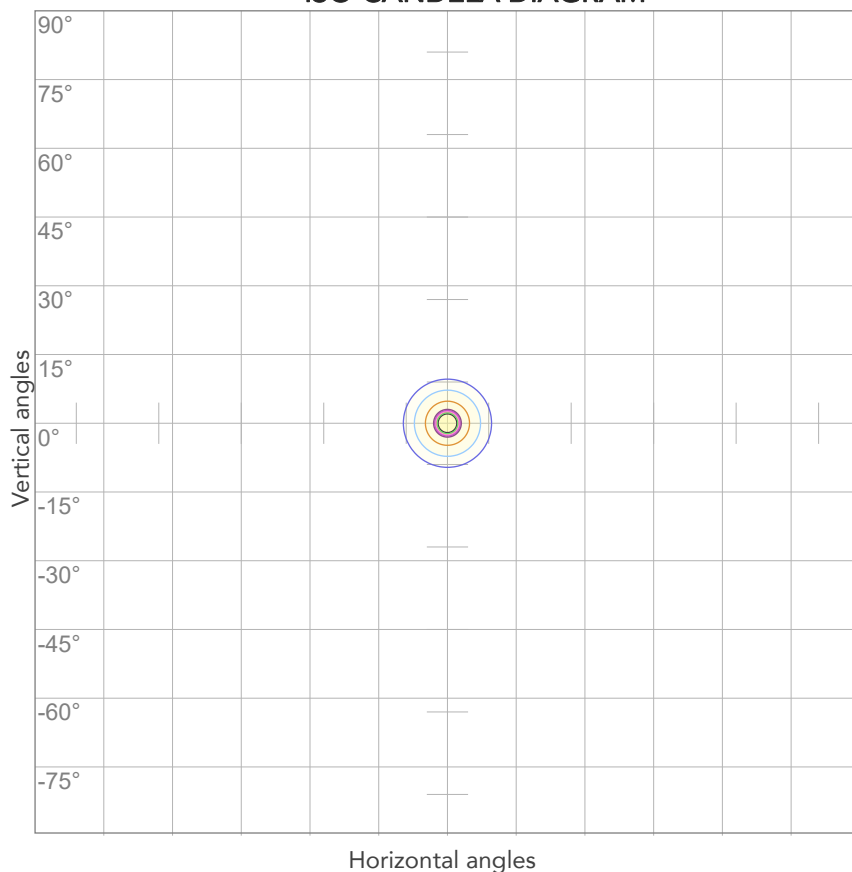
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,354A	68,9W	10lm/W

ISO CANDELA DIAGRAM



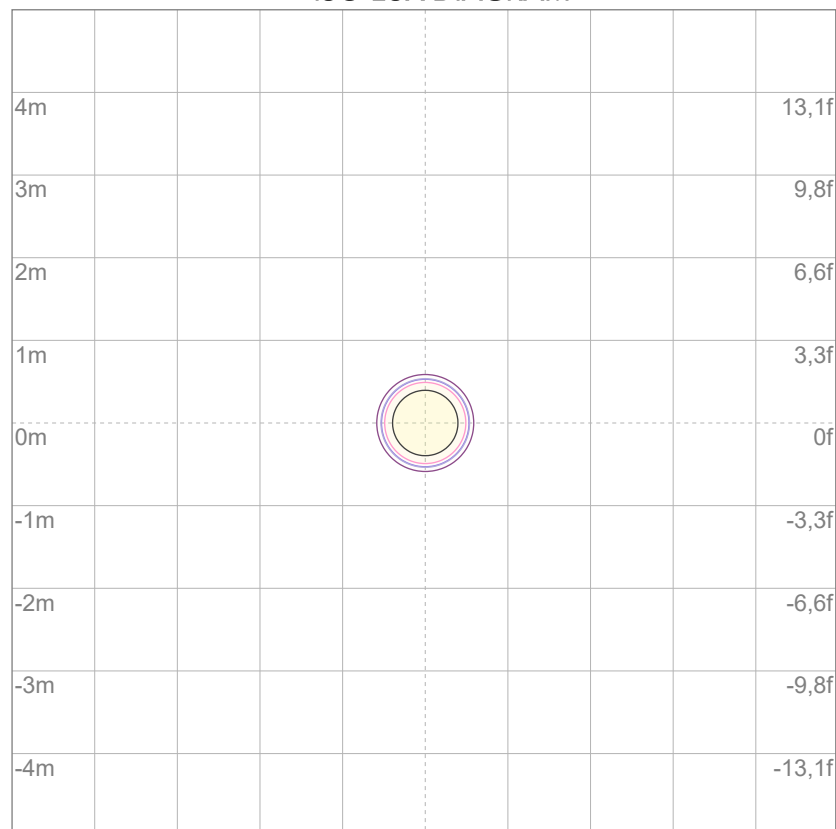
10%	14569 cd
20%	29137 cd
30%	43706 cd
40%	58275 cd
50%	72843 cd
60%	87412 cd
70%	101981 cd
80%	116549 cd

Conditions:

Number of c-planes: 2

Candela at center: 145687 cd

ISO LUX DIAGRAM



3%	43,7 lx
5%	72,8 lx
10%	146 lx
30%	437 lx
50%	728 lx

Conditions:

Number of c-planes: 2

Lux at center: 1457 lx

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



Total lumen output:

1594 lm

Peak candela output:

4314 cd

Light quality:

CRI: 65,3

Color temperature:

4054 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

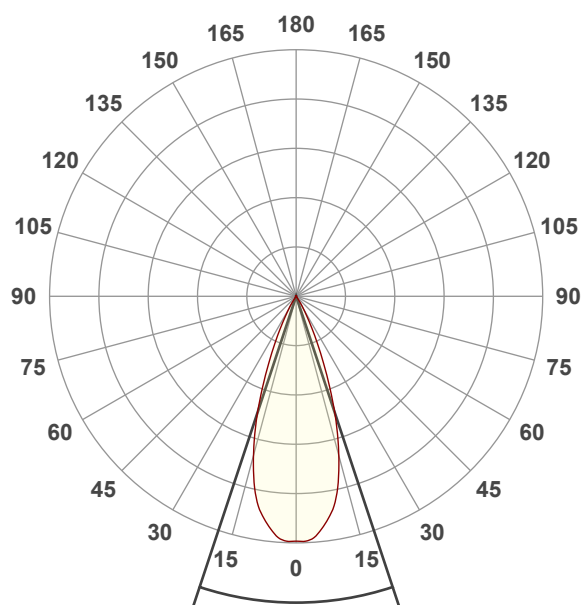
4000K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:27:47

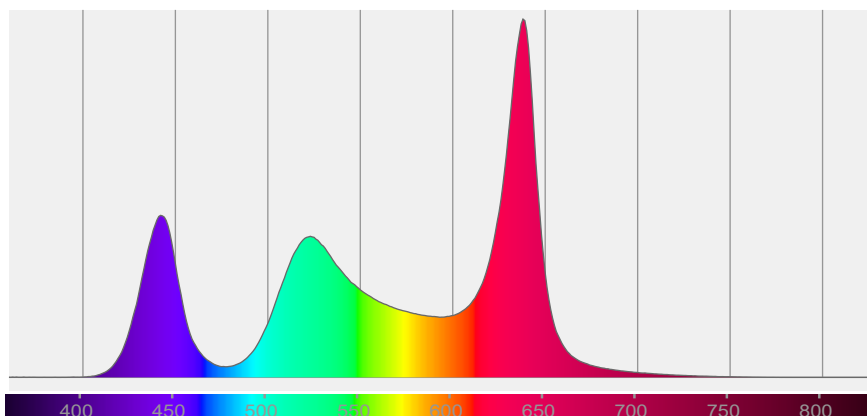


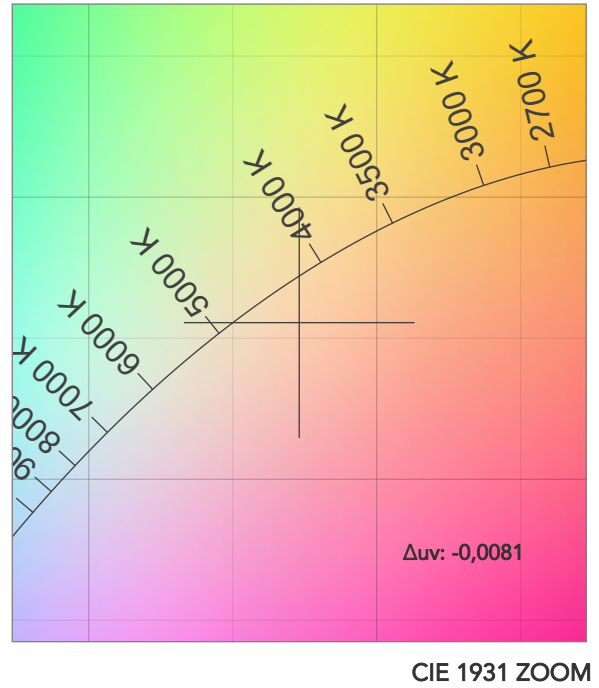
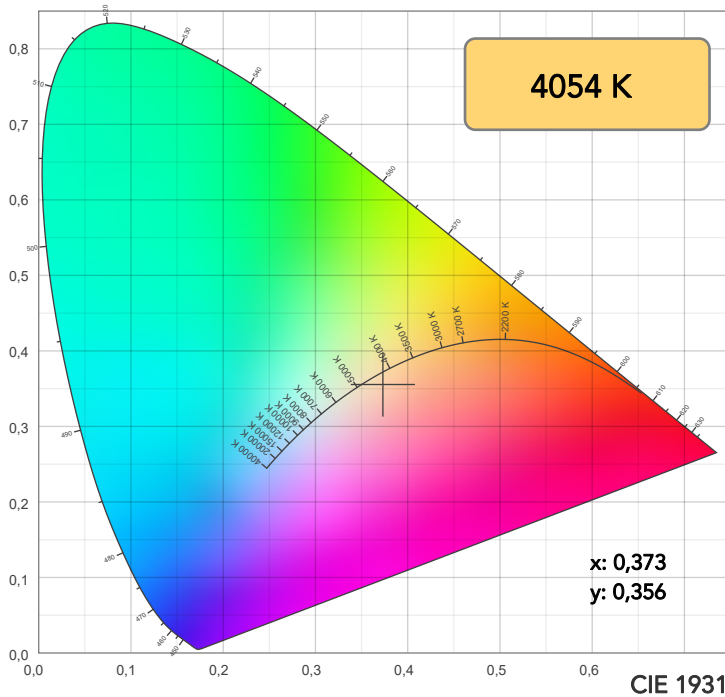
Beam angle 50%: 36,7°

Field angle 10%: 56°

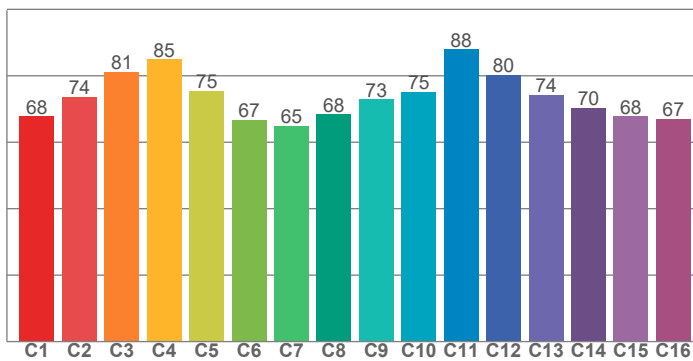
Cut off angle 2.5%: 66,5°

Spectra

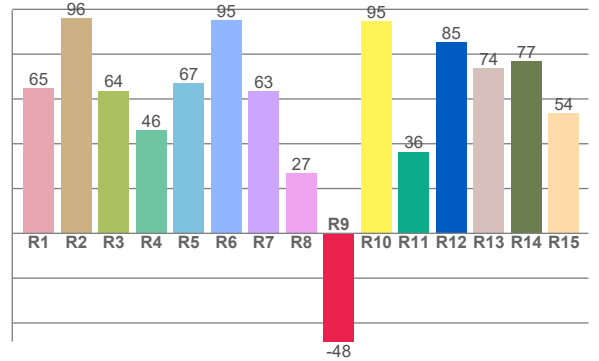




TM30: 74,4



CRI: 65,3 (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
64,6	96,0	63,6	46,1	67,1	95,1	63,4	26,9	-48,3	94,7	36,4	85,1	73,8	77,0	53,6

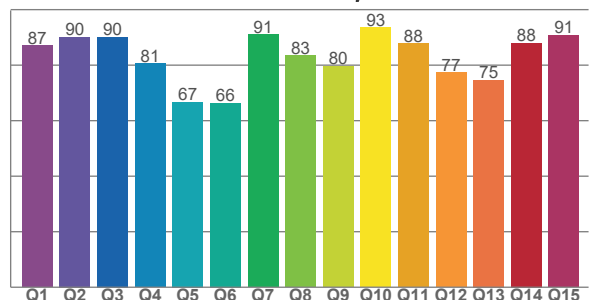
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
67,8	73,7	81,3	85,0	75,4	66,8	64,9	68,3	73,0	75,1	87,9	80,3	74,3	70,4	67,8	67,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87,0	90,2	90,1	80,6	66,8	66,3	91,0	83,5	79,6	93,5	87,7	77,4	74,6	87,9	90,7

CQS: 81,1



COLOR PARAMETERS

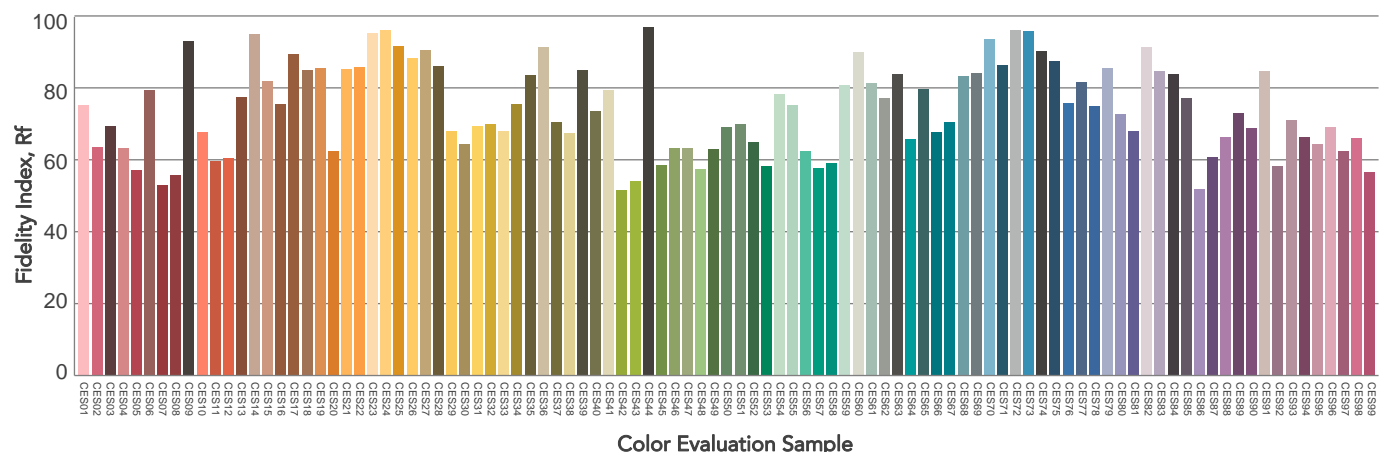
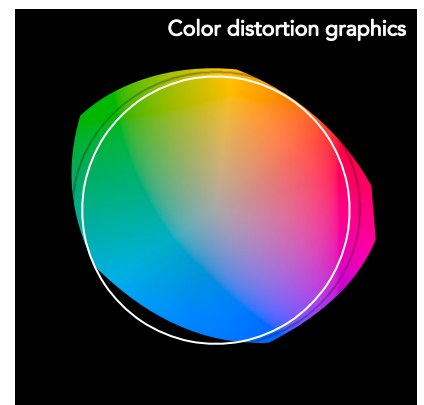
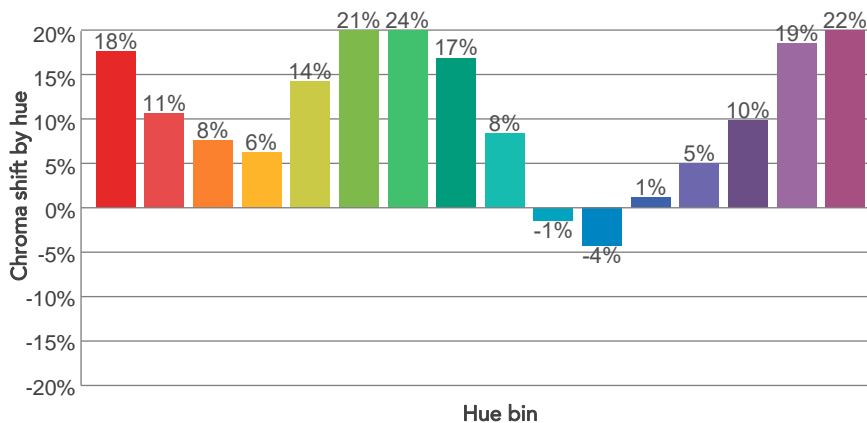
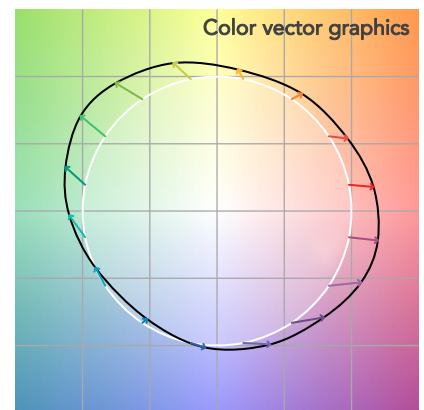
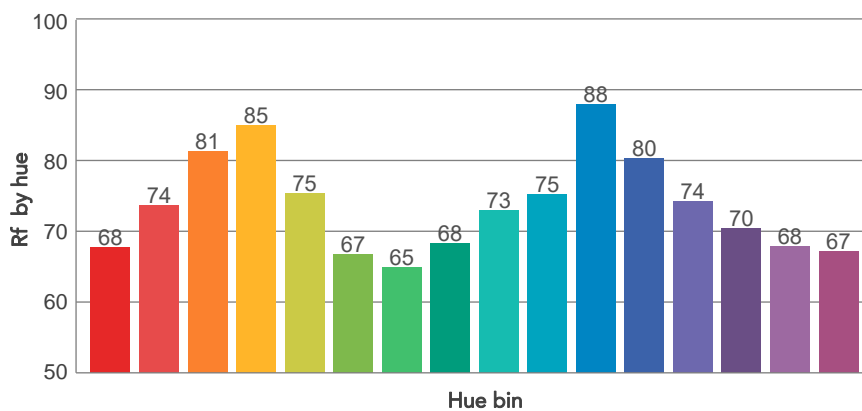
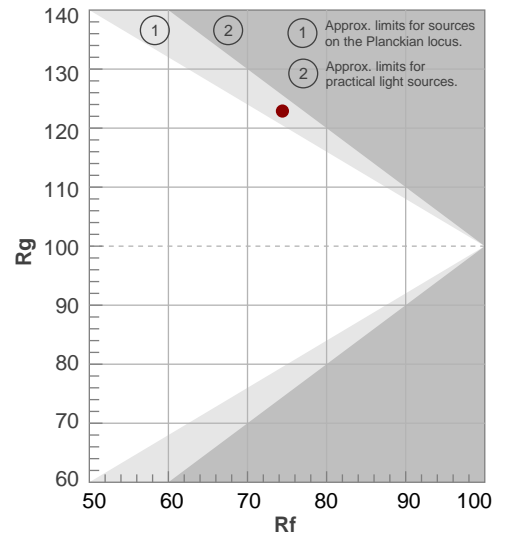
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4054 K	65,3	-48,3	74,4	122,9	81,1	46	0,373	0,356	-0,0081

TM30 DETAILS

Rf 74,4
Fidelity index Rf

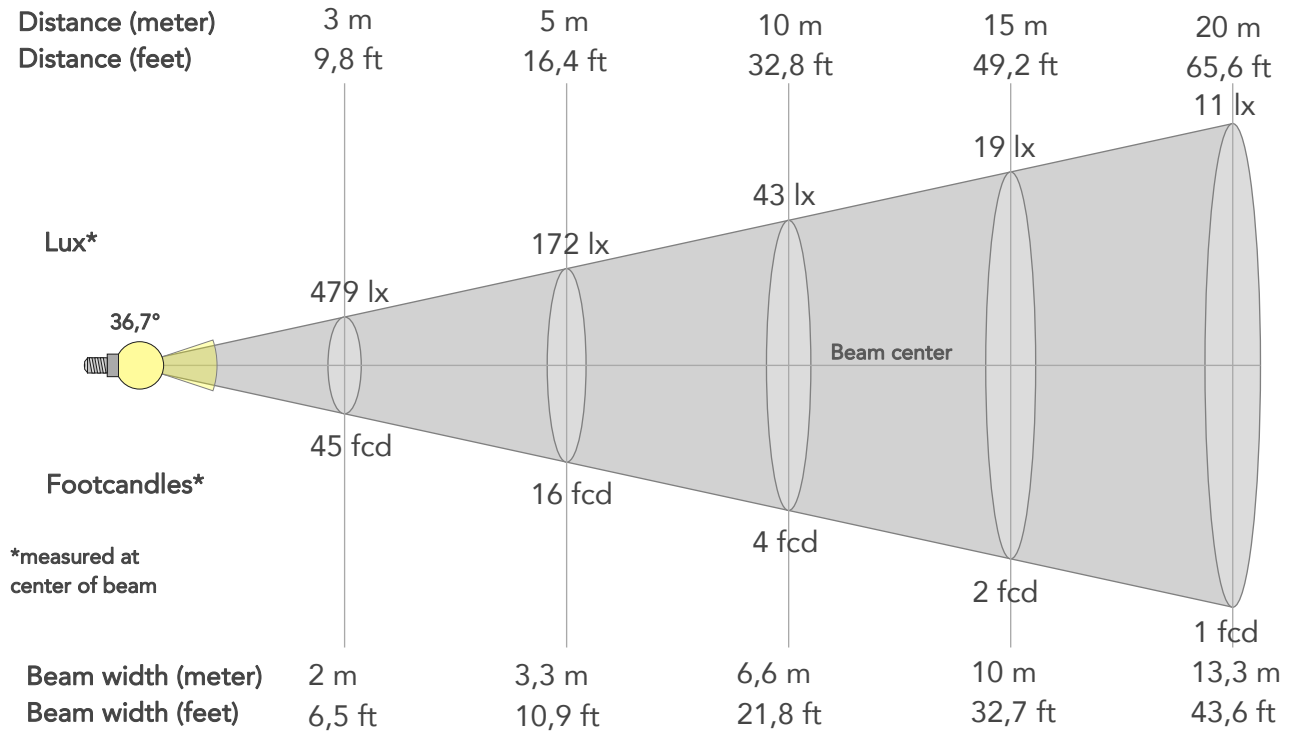
Rg 122,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	18%	-5%
2	74	11%	-9%
3	81	8%	-4%
4	85	6%	5%
5	75	14%	10%
6	67	21%	10%
7	65	24%	-2%
8	68	17%	-10%
9	73	8%	-18%
10	75	-1%	-15%
11	88	-4%	1%
12	80	1%	11%
13	74	5%	19%
14	70	10%	22%
15	68	19%	15%
16	67	22%	2%



BEAM DETAILS

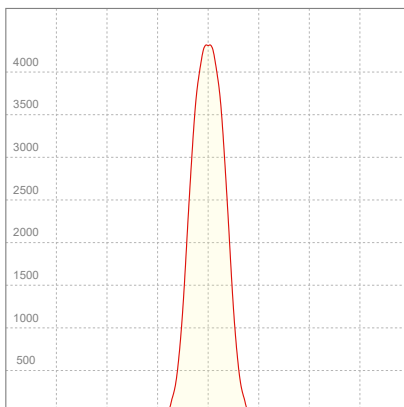
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36,7°	56°	66,5°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4311lx	1078lx	479lx	269lx	172lx	77lx	43lx	19lx	11lx	7lx	5lx	3lx	2lx
Footcand.	401fcd	100fcd	45fcd	25fcd	16fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,7m	1,3m	2m	2,7m	3,3m	5m	6,6m	10m	13,3m	16,6m	19,9m	26,6m	33,2m
Beam wid.	2,2ft	4,4ft	6,5ft	8,7ft	10,9ft	16,3ft	21,8ft	32,7ft	43,6ft	54,4ft	65,3ft	87,1ft	108,9ft

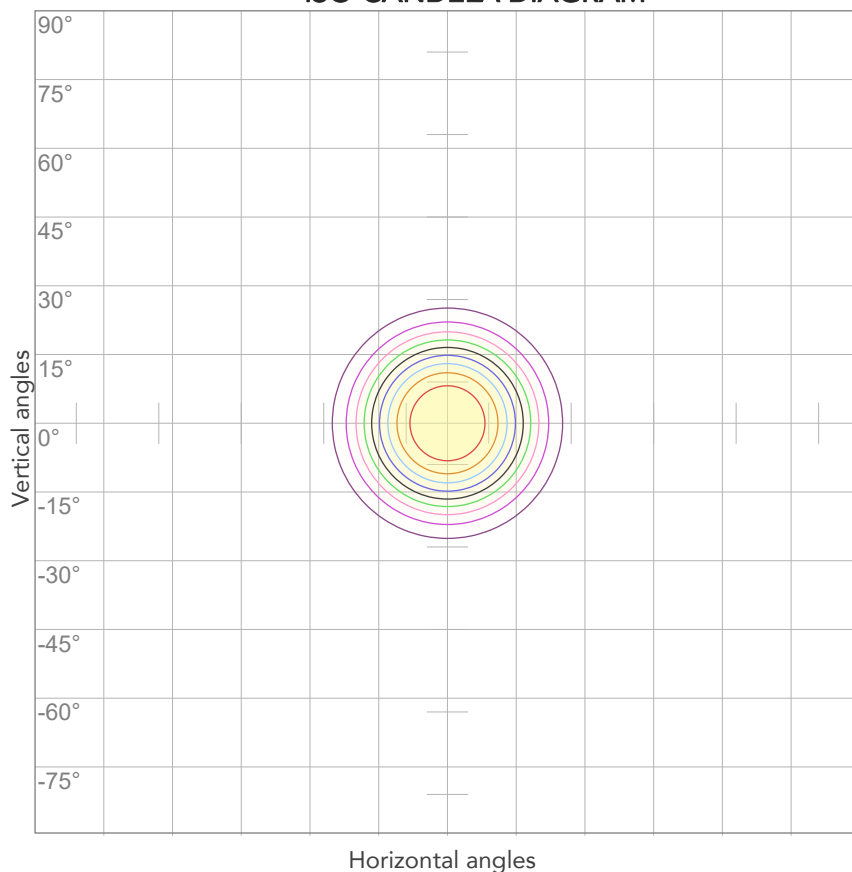
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
222V	0,416A	83,0W	19lm/W

ISO CANDELA DIAGRAM



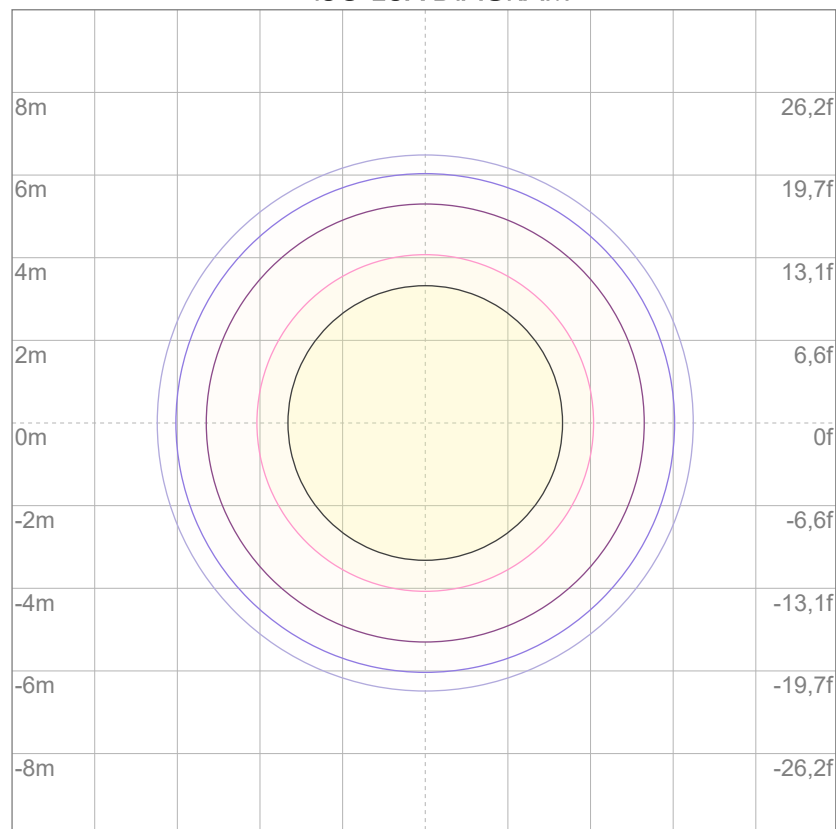
10%	431 cd
20%	862 cd
30%	1293 cd
40%	1725 cd
50%	2156 cd
60%	2587 cd
70%	3018 cd
80%	3449 cd

Conditions:

Number of c-planes: 2

Candela at center: 4311 cd

ISO LUX DIAGRAM



3%	1,29 lx
5%	2,16 lx
10%	4,31 lx
30%	12,9 lx
50%	21,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 43,1 lx

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



Total lumen output:

1388 lm

Peak candela output:

15585 cd

Light quality:

CRI: 65,1

Color temperature:

4056 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

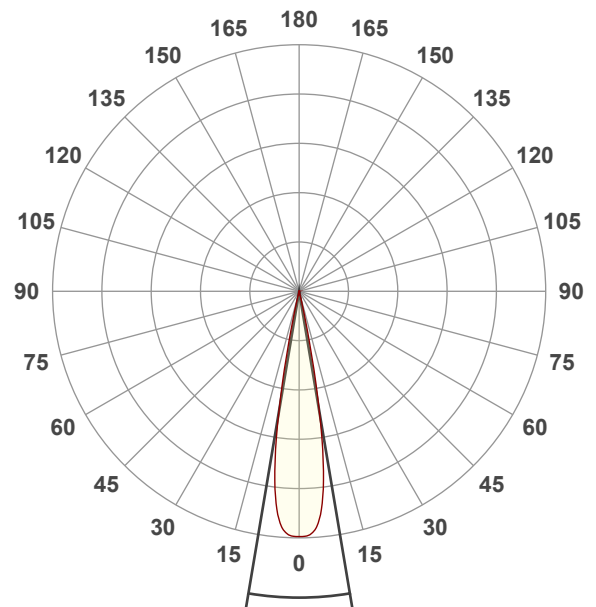
4000K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:25:58

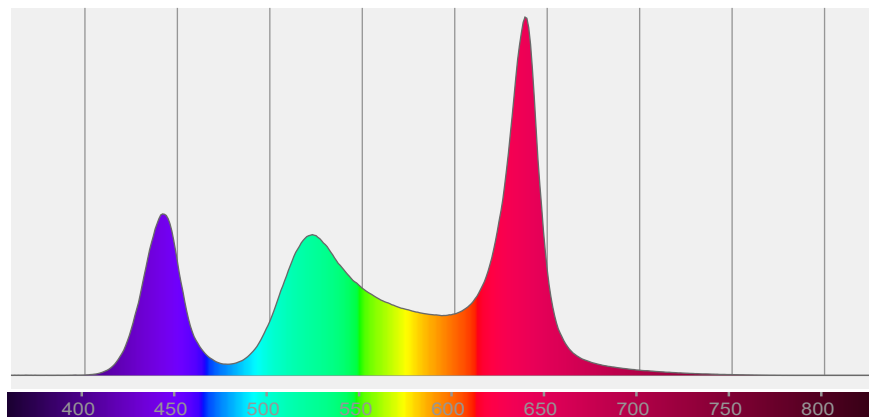


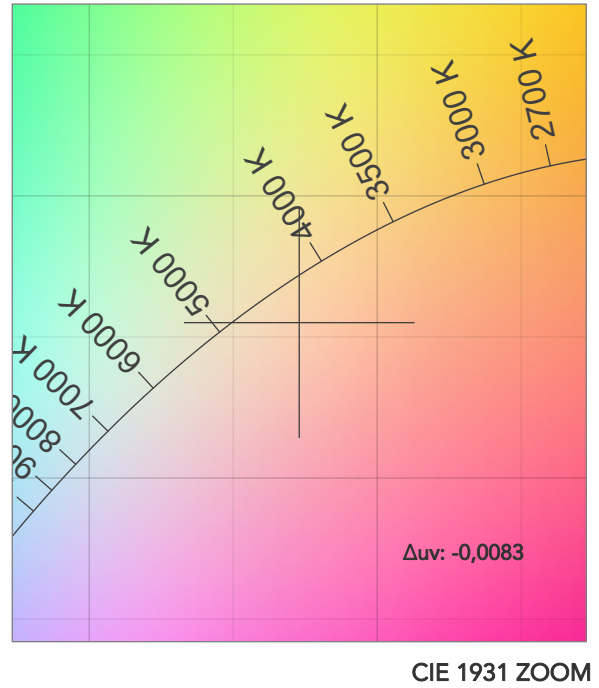
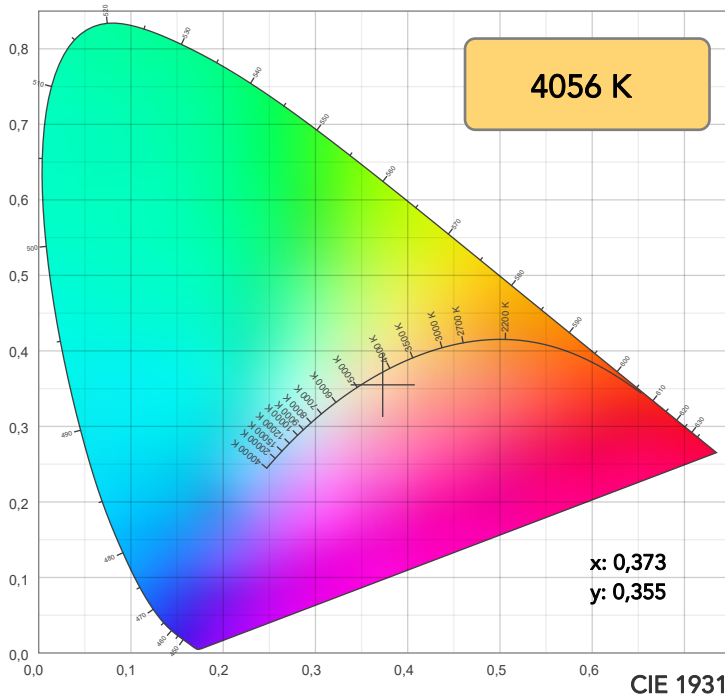
Beam angle 50%: 19,1°

Field angle 10%: 25,2°

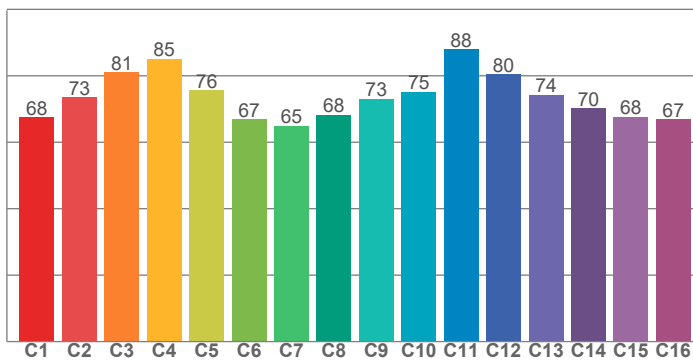
Cut off angle 2.5%: 27,6°

Spectra

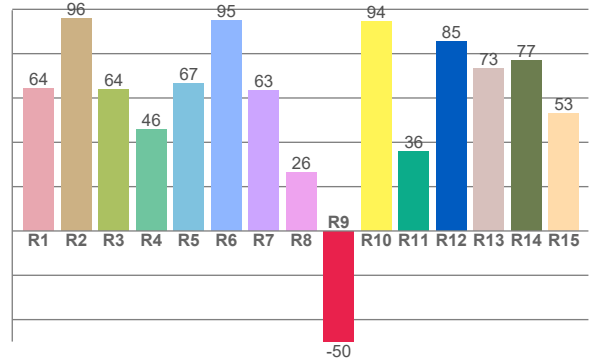




TM30: 74,4



CRI: 65,1 (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
64,2	95,7	63,6	45,8	66,7	94,8	63,3	26,2	-49,9	94,4	36,0	85,3	73,3	77,0	53,0

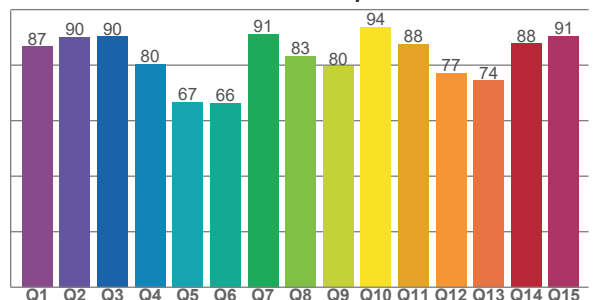
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
67,5	73,4	81,0	85,2	75,6	66,8	64,9	68,3	73,0	75,1	88,0	80,4	74,2	70,3	67,6	66,9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,7	90,2	90,3	80,4	66,8	66,4	91,1	83,3	79,6	93,7	87,5	77,1	74,4	87,8	90,6

CQS: 81,1



COLOR PARAMETERS

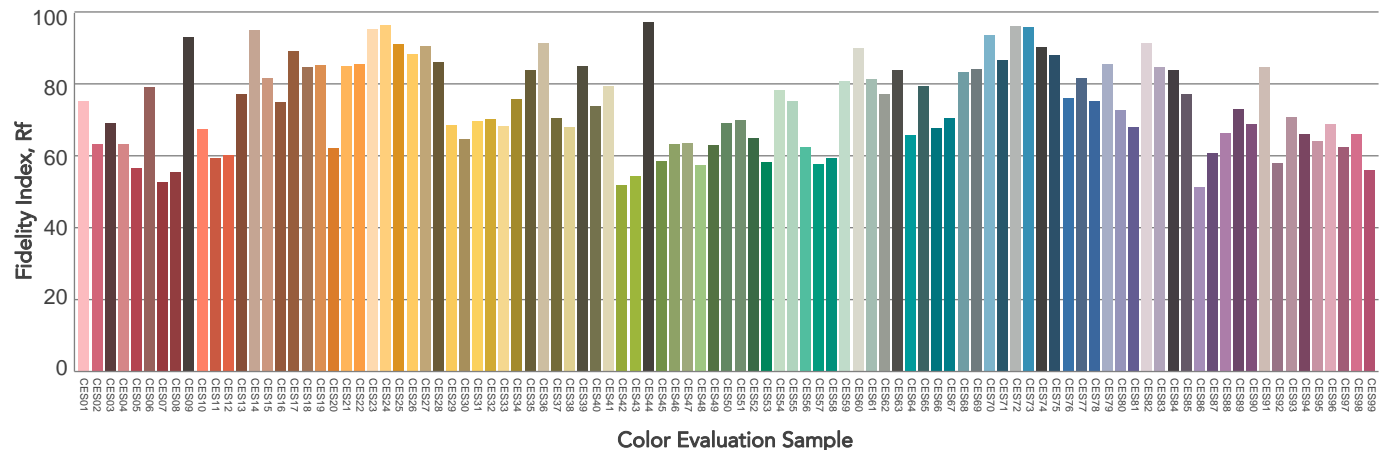
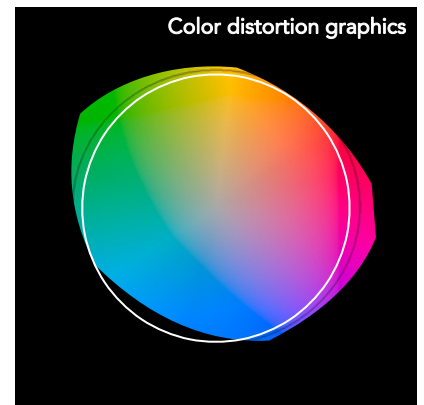
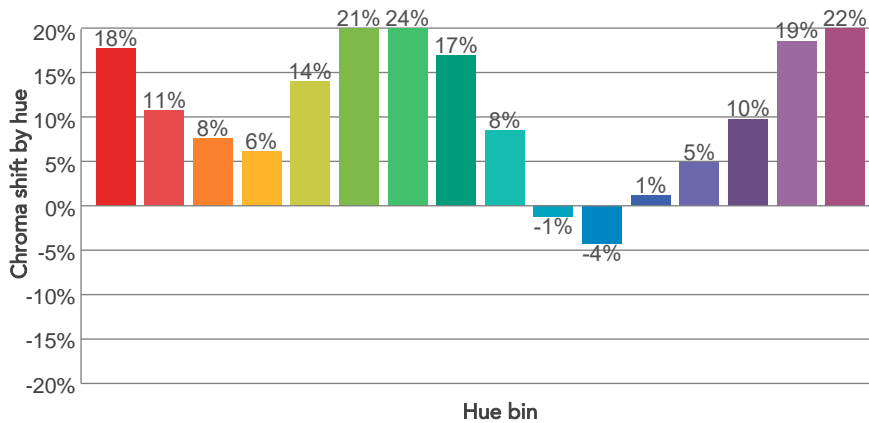
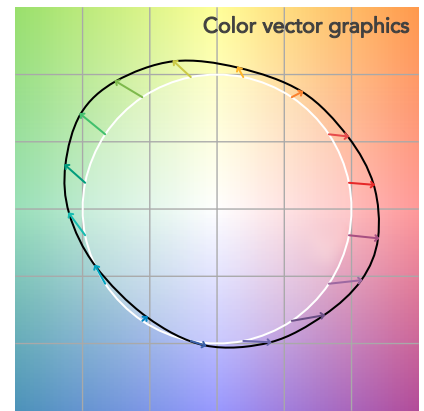
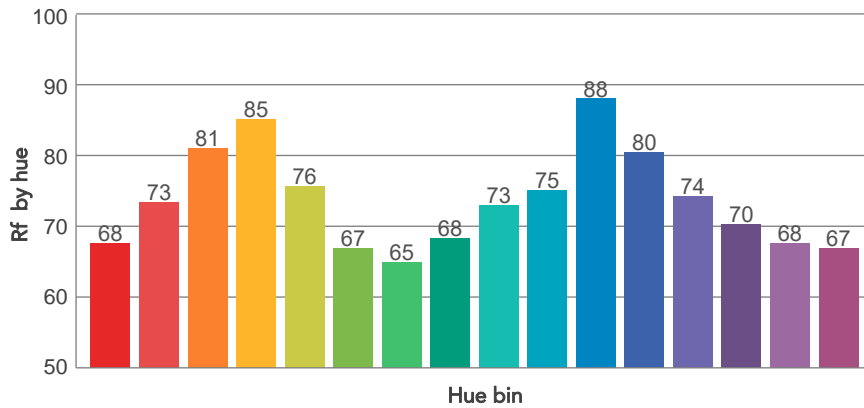
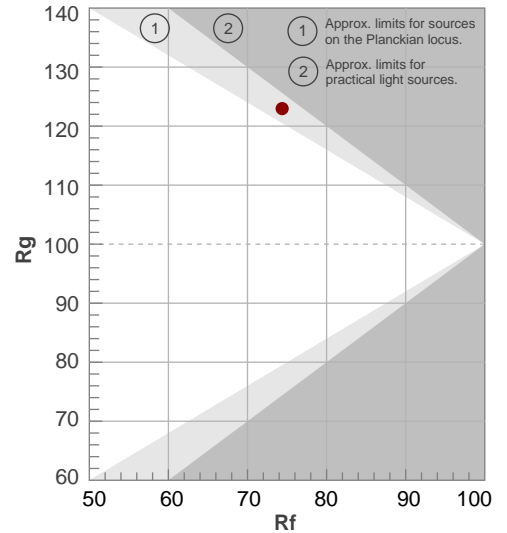
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4056 K	65,1	-49,9	74,4	123,0	81,1	46	0,373	0,355	-0,0083

TM30 DETAILS

Rf 74,4
Fidelity index Rf

Rg 123,0
Gammut index

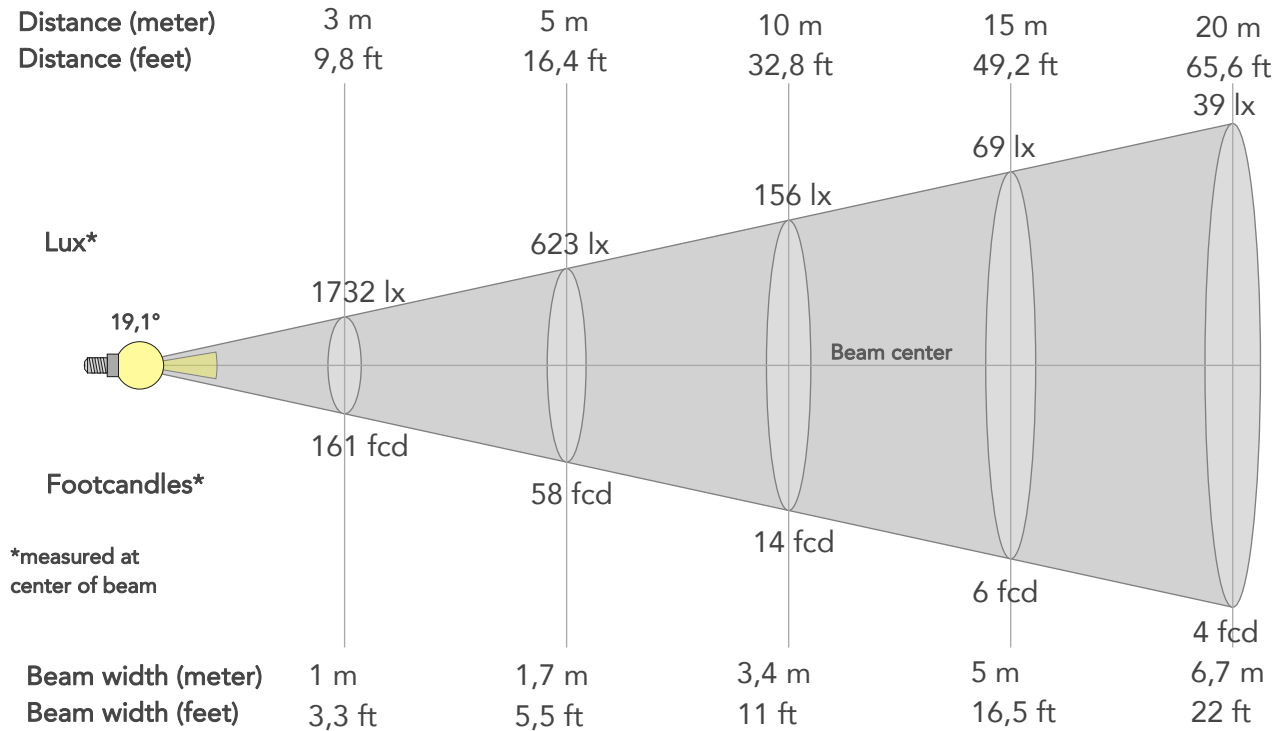
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	18%	-5%
2	73	11%	-9%
3	81	8%	-4%
4	85	6%	5%
5	76	14%	10%
6	67	21%	10%
7	65	24%	-2%
8	68	17%	-10%
9	73	8%	-18%
10	75	-1%	-15%
11	88	-4%	1%
12	80	1%	11%
13	74	5%	20%
14	70	10%	22%
15	68	19%	16%
16	67	22%	2%



BEAM DETAILS



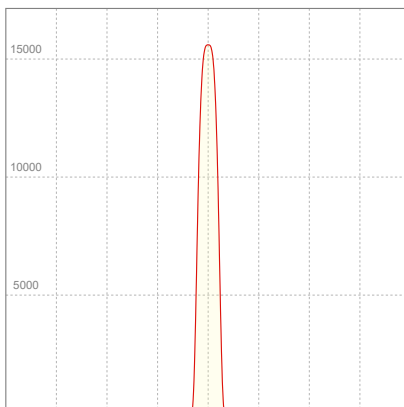
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
19,1°	25,2°	27,6°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	15585lx	3896lx	1732lx	974lx	623lx	277lx	156lx	69lx	39lx	25lx	17lx	10lx	6lx
Footcand.	1448fcd	362fcd	161fcd	90fcd	58fcd	26fcd	14fcd	6fcd	4fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,7m	1m	1,3m	1,7m	2,5m	3,4m	5m	6,7m	8,4m	10,1m	13,4m	16,8m
Beam wid.	1,1ft	2,2ft	3,3ft	4,4ft	5,5ft	8,3ft	11ft	16,5ft	22ft	27,5ft	33ft	44,1ft	55,1ft

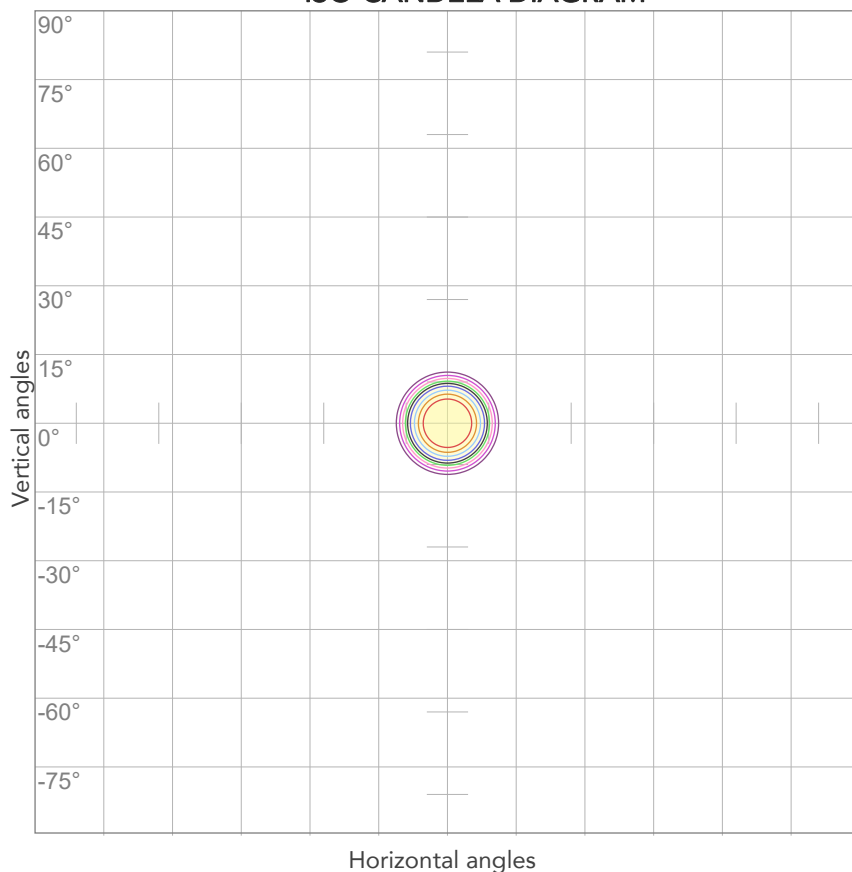
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,414A	82,9W	17lm/W

ISO CANDELA DIAGRAM



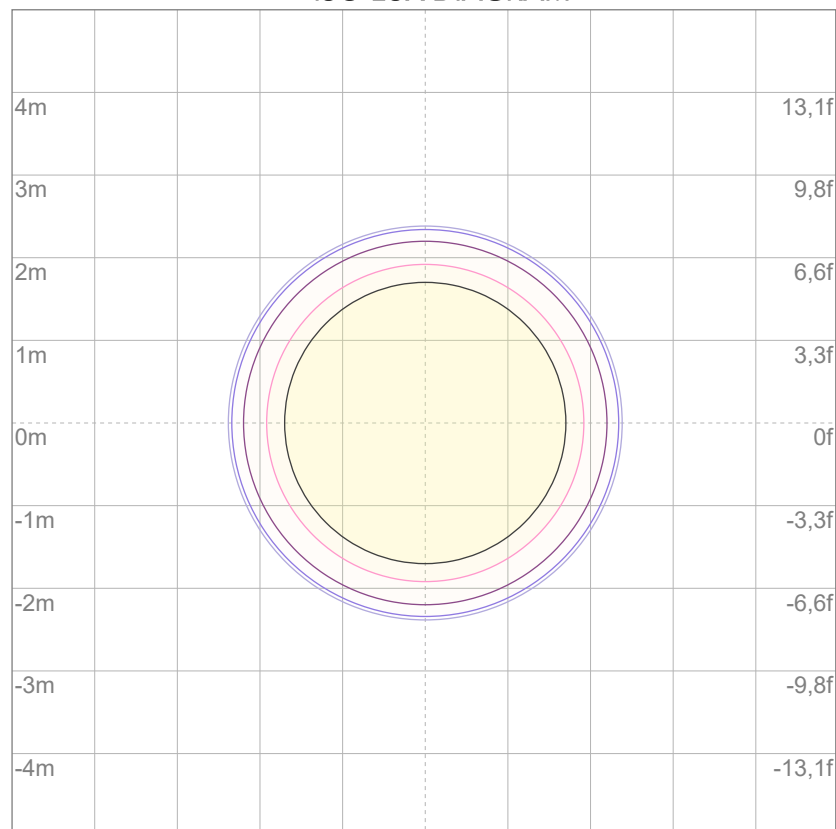
10%	1558 cd
20%	3117 cd
30%	4675 cd
40%	6234 cd
50%	7792 cd
60%	9351 cd
70%	10909 cd
80%	12468 cd

Conditions:

Number of c-planes: 2

Candela at center: 15585 cd

ISO LUX DIAGRAM



3%	4,68 lx
5%	7,79 lx
10%	15,6 lx
30%	46,8 lx
50%	77,9 lx

Conditions:

Number of c-planes: 2

Lux at center: 156 lx

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



Total lumen output:

948 lm

Peak candela output:

203764 cd

Light quality:

CRI: 64,2

Color temperature:

4027 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

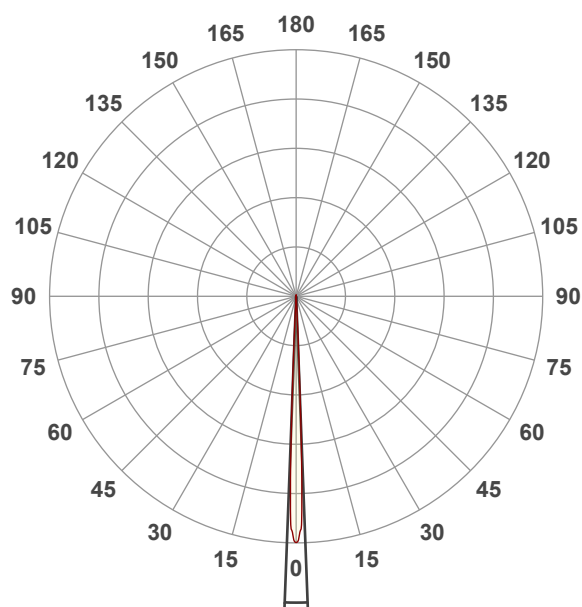
4000K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:24:26

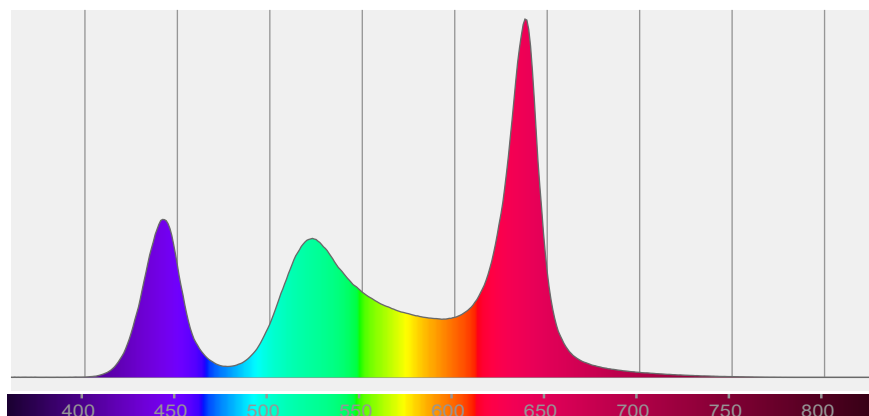


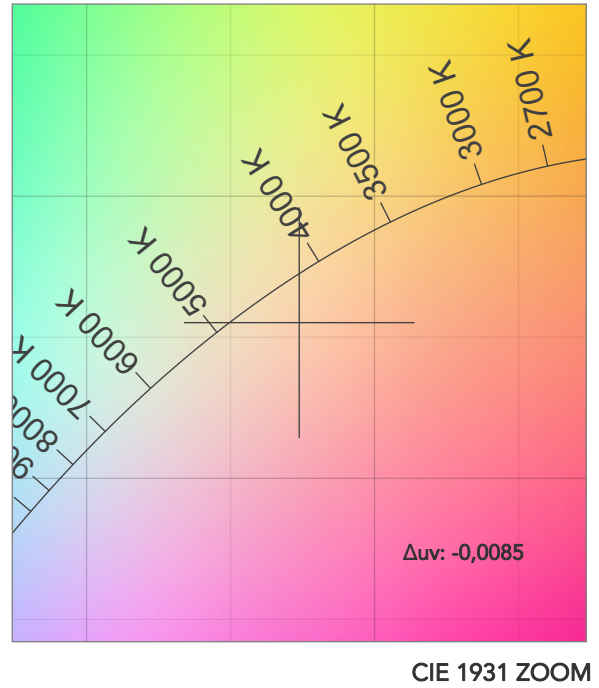
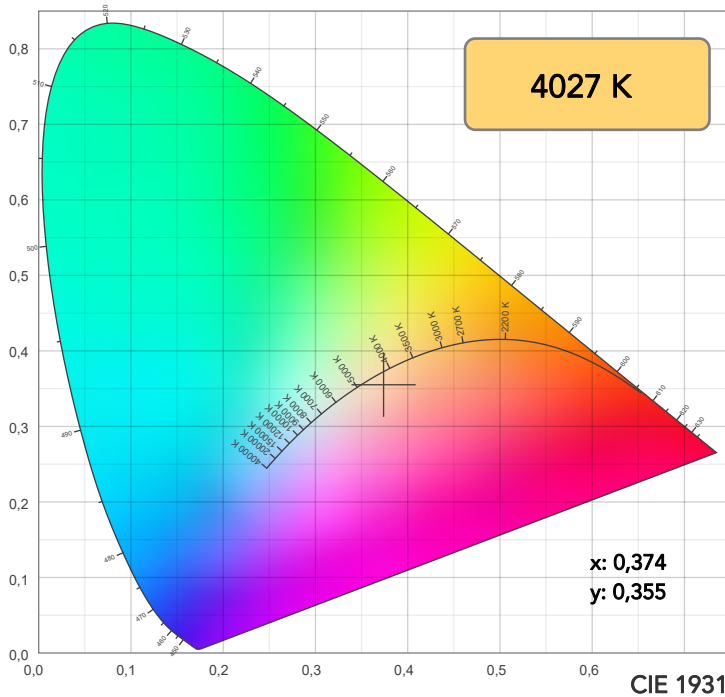
Beam angle 50%: 4,3°

Field angle 10%: 5,7°

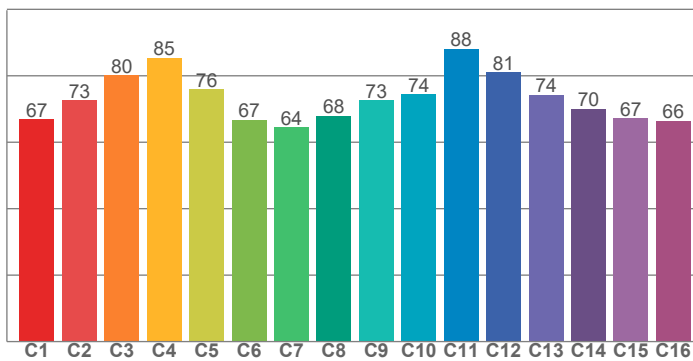
Cut off angle 2.5%: 6,5°

Spectra

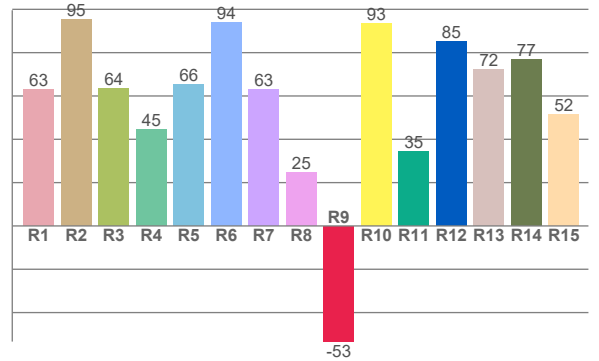




TM30: 74,1



CRI: 64,2 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
62,9	95,2	63,6	44,7	65,5	93,9	62,8	24,5	-53,4	93,4	34,5	85,2	72,2	76,9	51,6

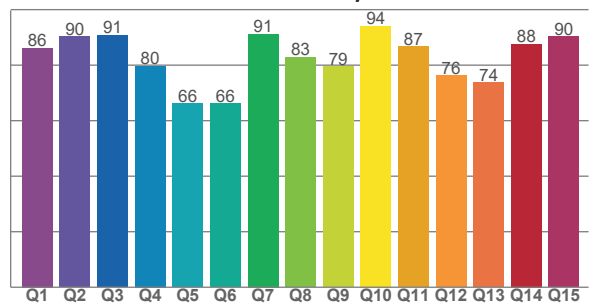
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
66,8	72,6	80,1	85,4	75,9	66,7	64,5	67,9	72,6	74,5	88,1	81,0	74,2	70,0	67,2	66,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,2	90,2	90,8	79,6	66,1	66,1	91,2	82,9	79,5	94,1	86,7	76,3	73,8	87,5	90,2

CQS: 80,7



COLOR PARAMETERS

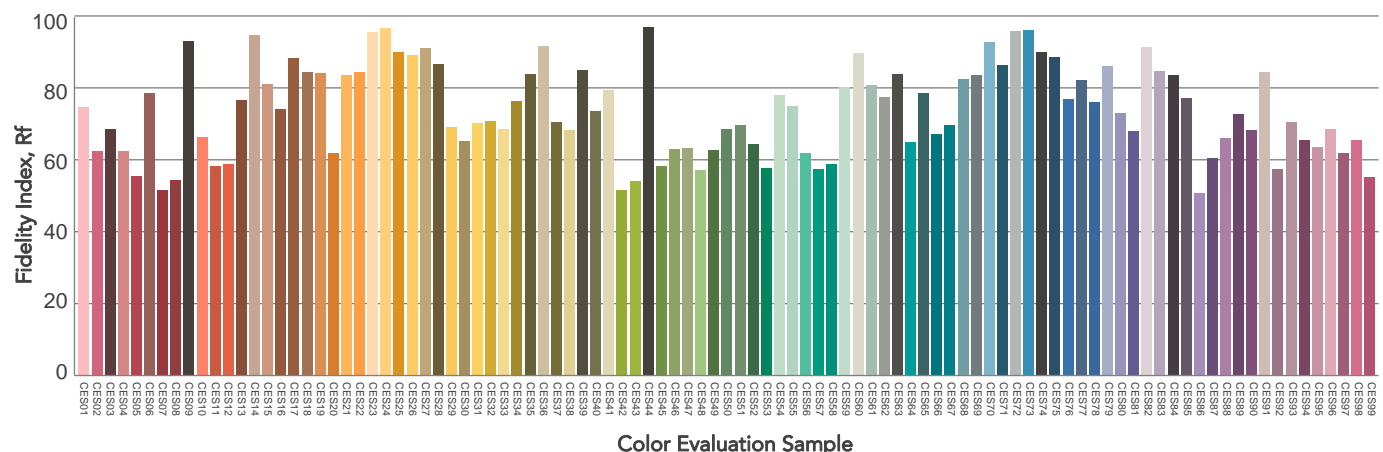
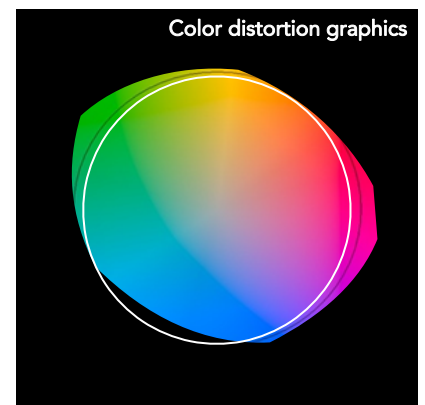
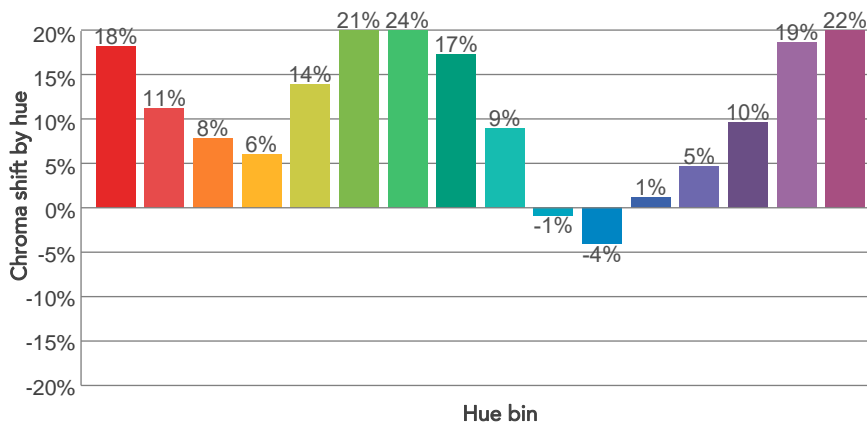
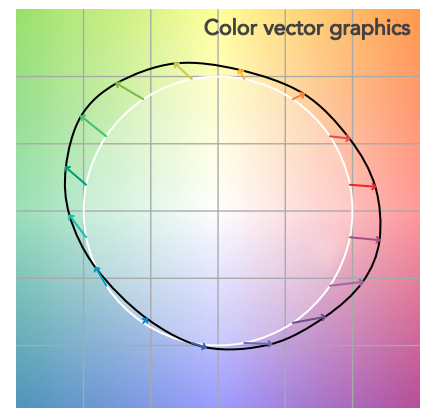
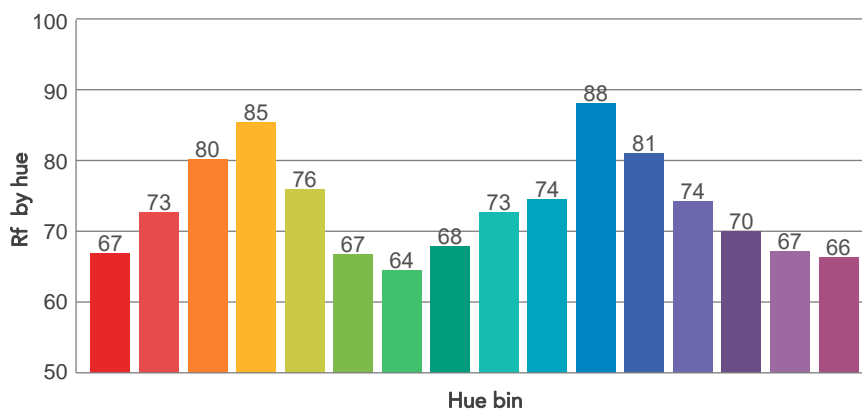
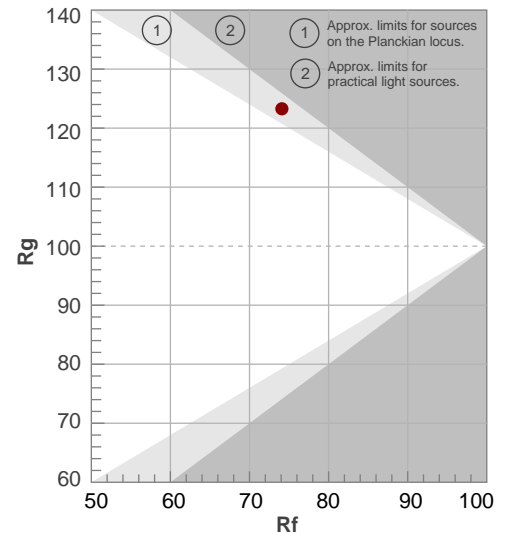
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4027 K	64,2	-53,4	74,1	123,3	80,7	45	0,374	0,355	-0,0085

TM30 DETAILS

Rf 74,1
Fidelity index Rf

Rg 123,3
Gammut index

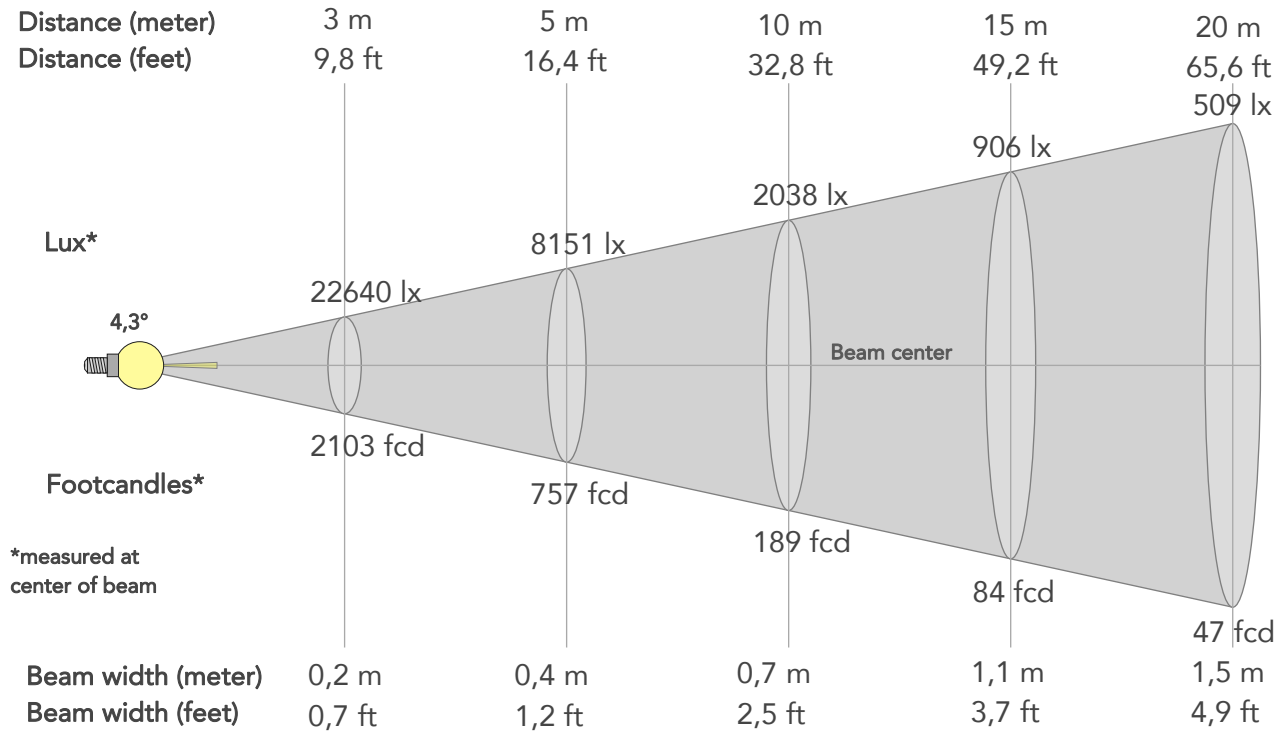
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	18%	-5%
2	73	11%	-9%
3	80	8%	-5%
4	85	6%	5%
5	76	14%	10%
6	67	21%	10%
7	64	24%	-2%
8	68	17%	-10%
9	73	9%	-18%
10	74	-1%	-16%
11	88	-4%	0%
12	81	1%	11%
13	74	5%	20%
14	70	10%	22%
15	67	19%	16%
16	66	22%	2%



BEAM DETAILS



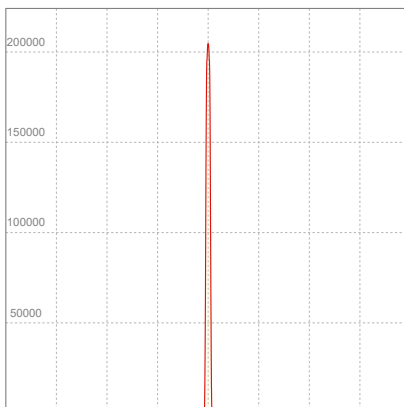
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,3°	5,7°	6,5°	100,0%	99,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	203764lx	50941lx	22640lx	12735lx	8151lx	3622lx	2038lx	906lx	509lx	326lx	226lx	127lx	82lx
Footcand.	18930fcd	4733fcd	2103fcd	1183fcd	757fcd	337fcd	189fcd	84fcd	47fcd	30fcd	21fcd	12fcd	8fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,4m	0,6m	0,7m	1,1m	1,5m	1,9m	2,2m	3m	3,7m
Beam wid.	0,2ft	0,5ft	0,7ft	1ft	1,2ft	1,8ft	2,5ft	3,7ft	4,9ft	6,1ft	7,4ft	9,8ft	12,3ft

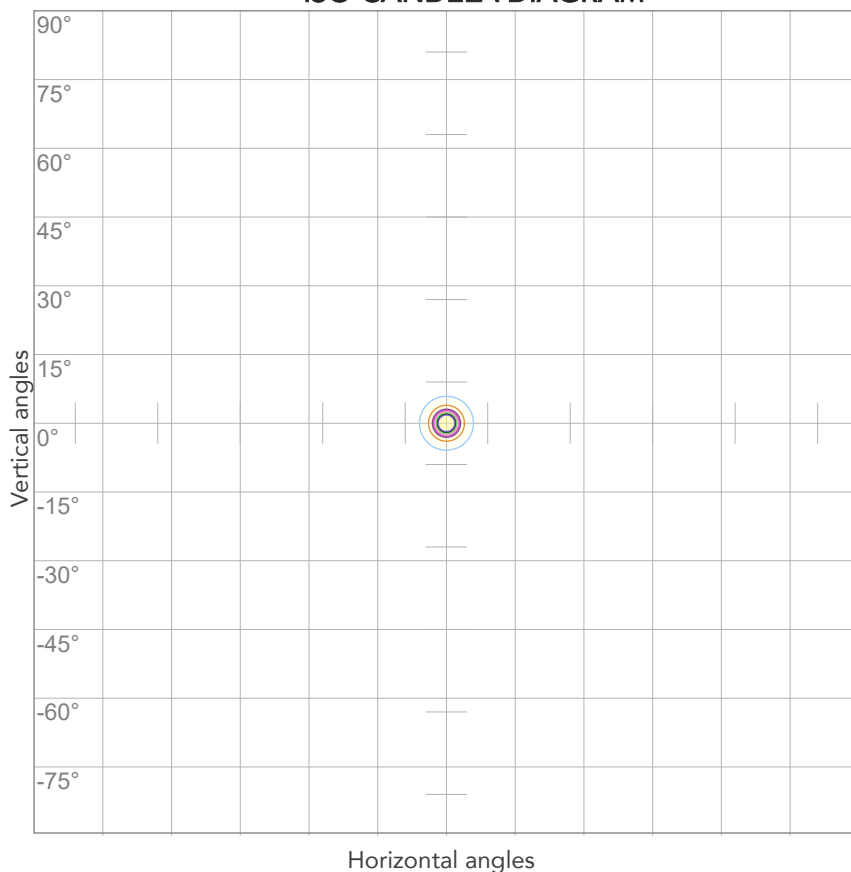
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,418A	83,9W	11lm/W

ISO CANDELA DIAGRAM



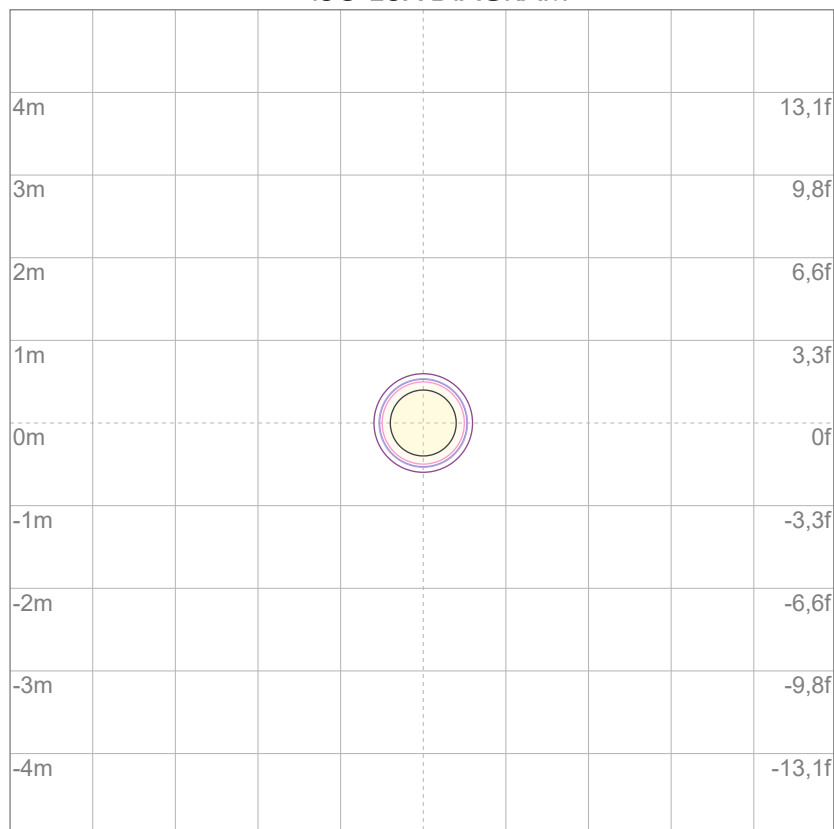
10%	20376 cd
20%	40753 cd
30%	61129 cd
40%	81506 cd
50%	101882 cd
60%	122259 cd
70%	142635 cd
80%	163011 cd

Conditions:

Number of c-planes: 2

Candela at center: 203764 cd

ISO LUX DIAGRAM



3%	61,1 lx
5%	102 lx
10%	204 lx
30%	611 lx
50%	1019 lx

Conditions:

Number of c-planes: 2

Lux at center: 2038 lx

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



Total lumen output:

1811 lm

Peak candela output:

4929 cd

Light quality:

CRI: 64,2

Color temperature:

5680 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

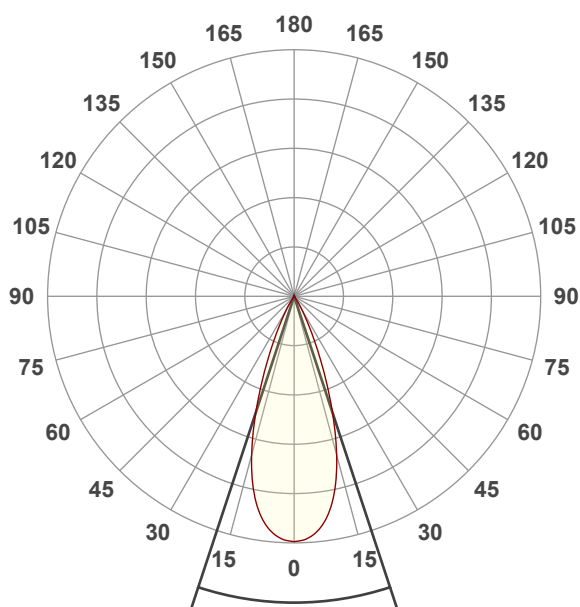
5600K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:41:01

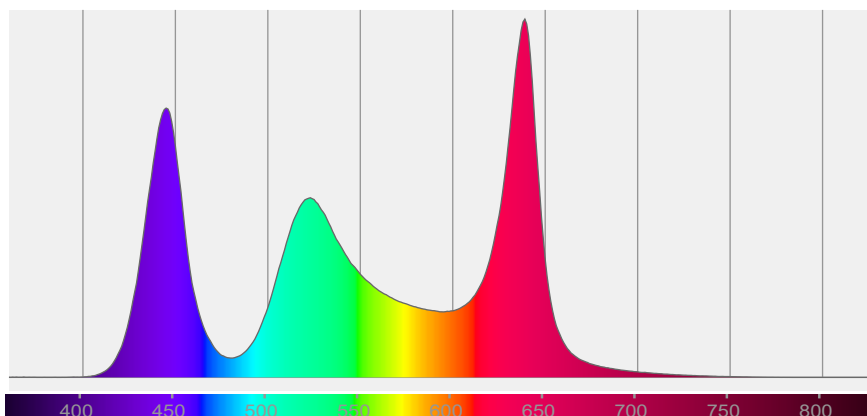


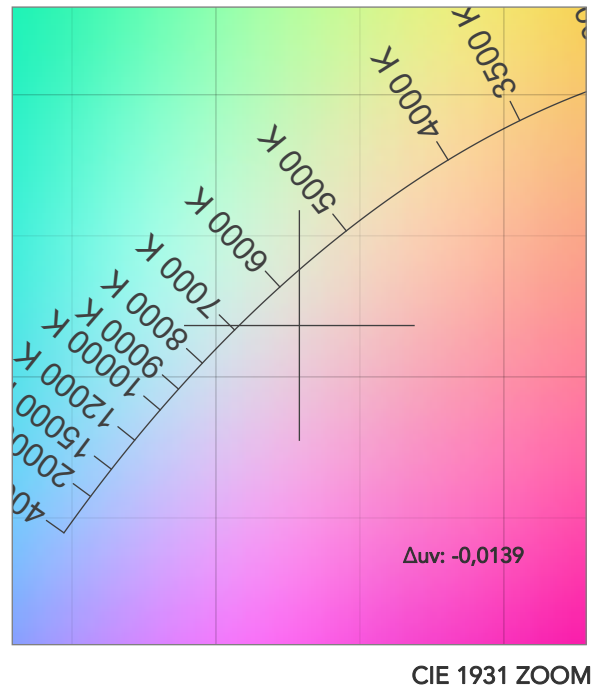
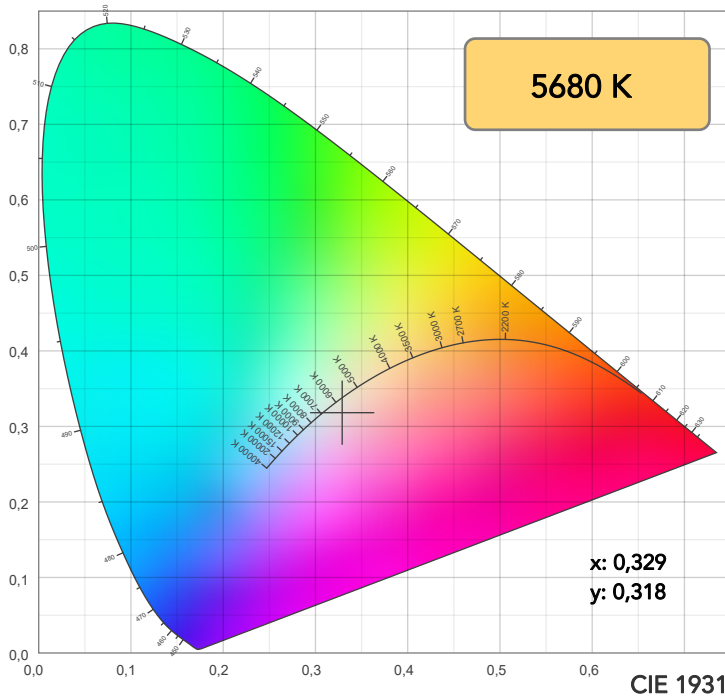
Beam angle 50%: 36,5°

Field angle 10%: 56°

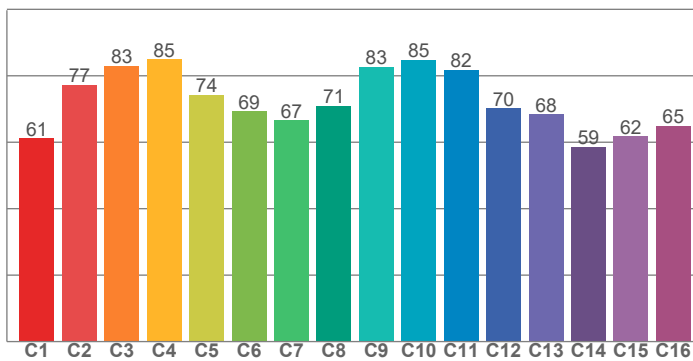
Cut off angle 2.5%: 66,6°

Spectra

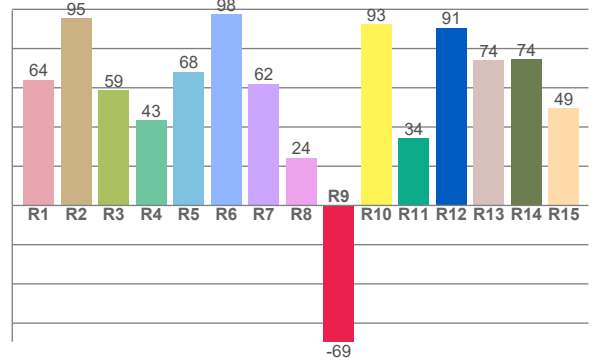




TM30: 73,7



CRI: 64,2 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
64,1	95,5	58,8	43,4	68,2	97,6	62,1	24,4	-69,4	92,5	34,4	90,7	74,2	74,5	49,4

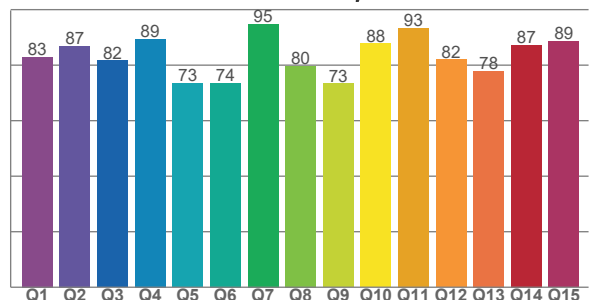
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
61,1	77,2	83,0	85,0	74,2	69,4	66,6	71,0	82,7	84,8	81,8	70,2	68,4	58,6	61,7	64,9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,0	86,8	81,6	89,5	73,5	73,6	94,9	79,8	73,4	87,8	93,3	82,0	77,9	87,3	88,6

CQS: 82,2



COLOR PARAMETERS

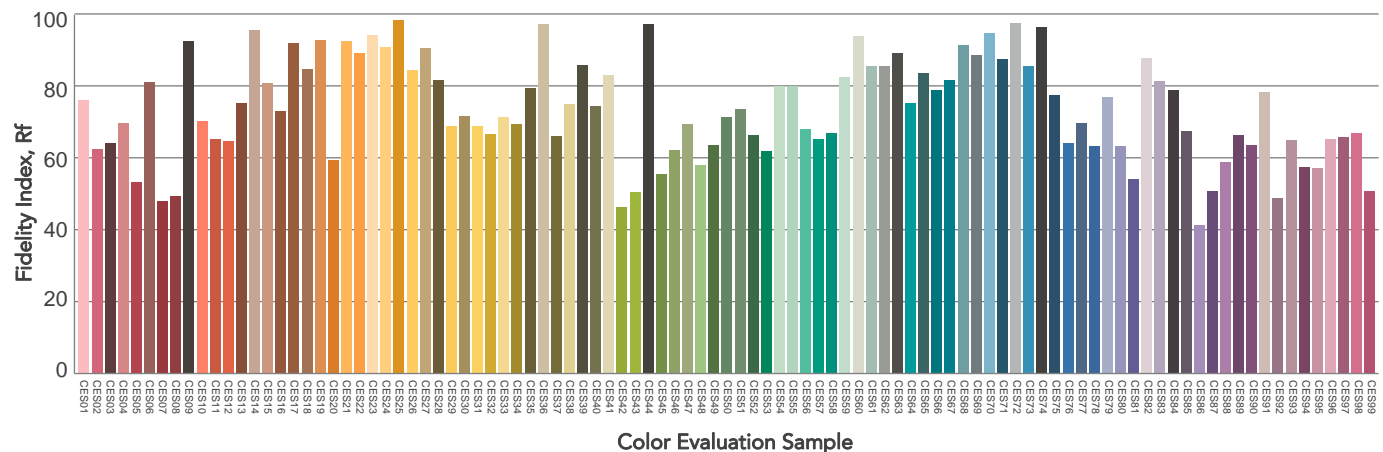
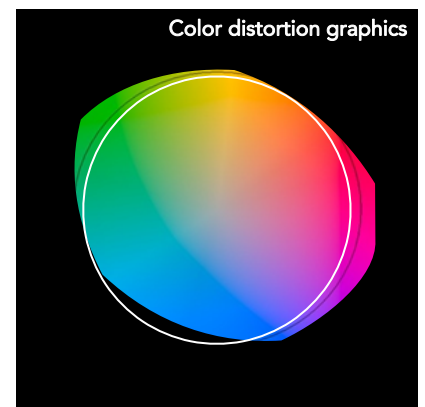
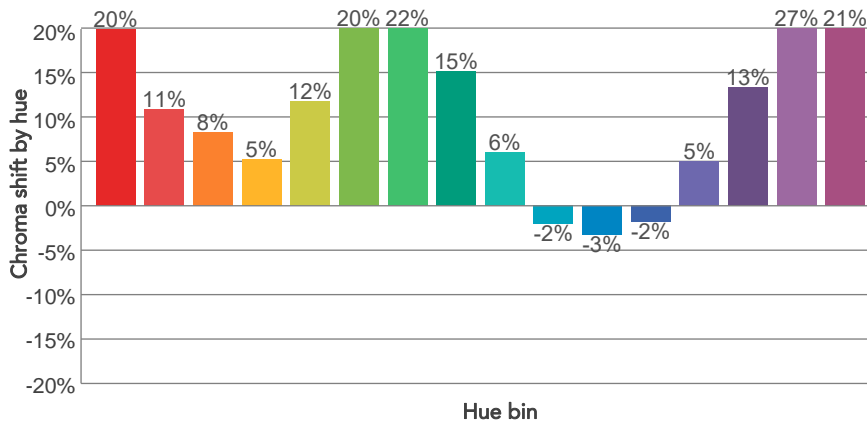
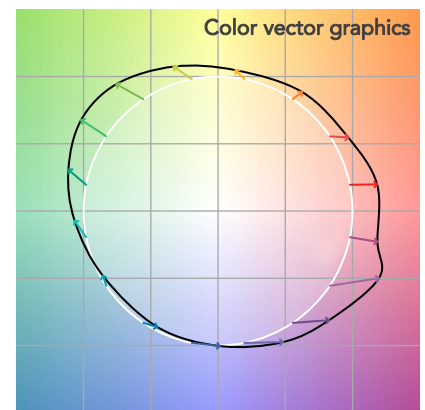
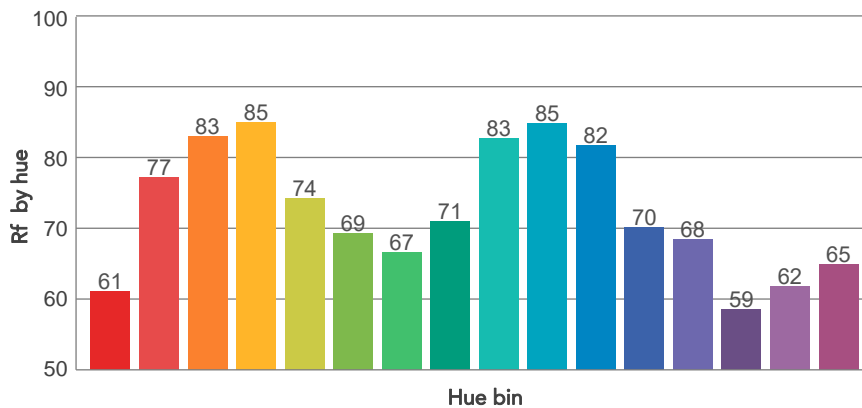
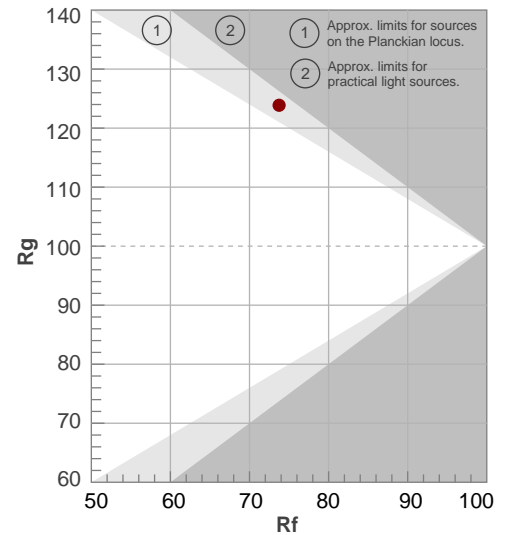
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5680 K	64,2	-69,4	73,7	123,9	82,2	50	0,329	0,318	-0,0139

TM30 DETAILS

Rf 73,7
Fidelity index Rf

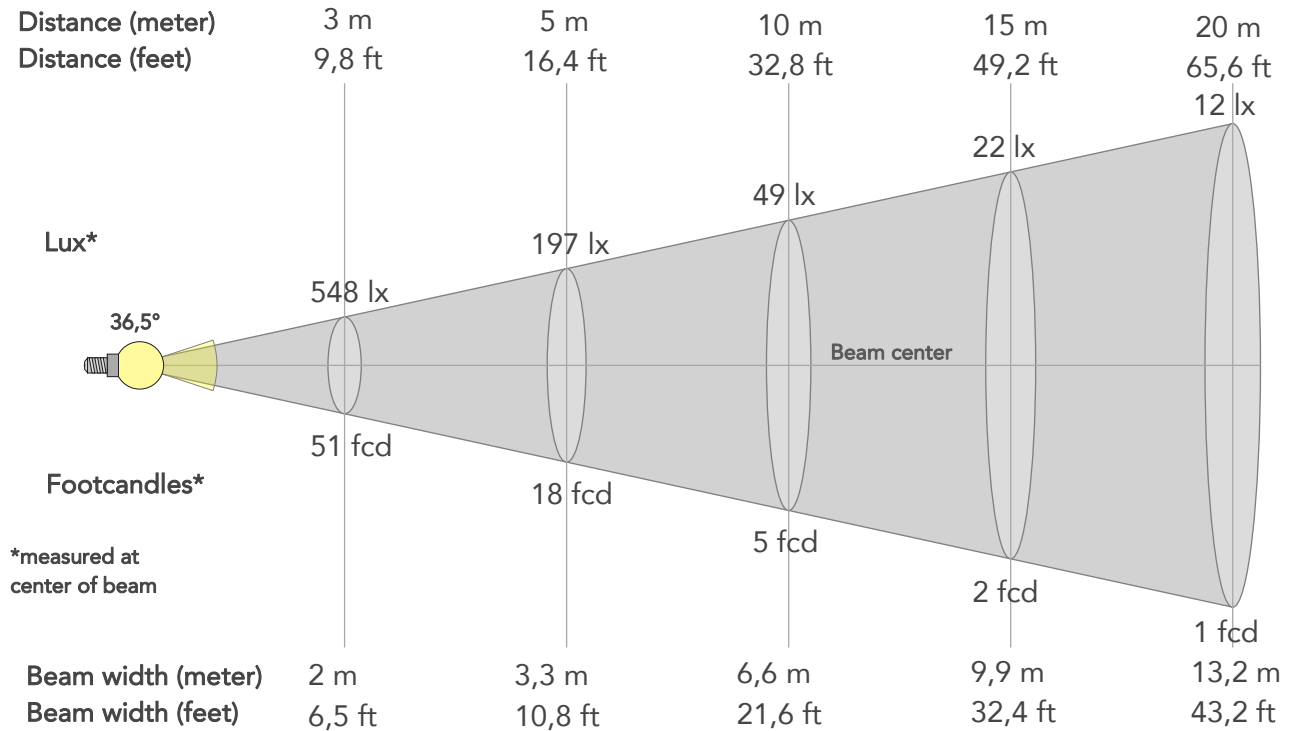
Rg 123,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	61	20%	-4%
2	77	11%	-8%
3	83	8%	-3%
4	85	5%	8%
5	74	12%	11%
6	69	20%	10%
7	67	22%	0%
8	71	15%	-8%
9	83	6%	-14%
10	85	-2%	-8%
11	82	-3%	10%
12	70	-2%	21%
13	68	5%	28%
14	59	13%	24%
15	62	27%	25%
16	65	21%	1%



BEAM DETAILS

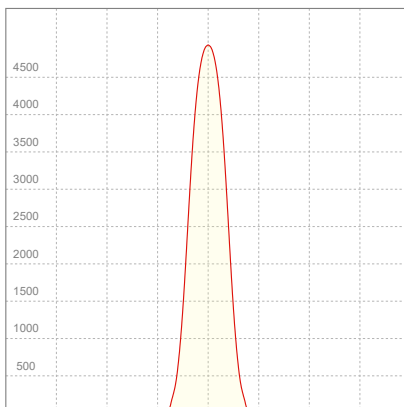
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36,5°	56°	66,6°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4929lx	1232lx	548lx	308lx	197lx	88lx	49lx	22lx	12lx	8lx	5lx	3lx	2lx
Footcand.	458fcd	114fcd	51fcd	29fcd	18fcd	8fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,7m	1,3m	2m	2,6m	3,3m	4,9m	6,6m	9,9m	13,2m	16,5m	19,8m	26,4m	33m
Beam wid.	2,2ft	4,4ft	6,5ft	8,6ft	10,8ft	16,2ft	21,6ft	32,4ft	43,2ft	54,1ft	64,9ft	86,5ft	108,1ft

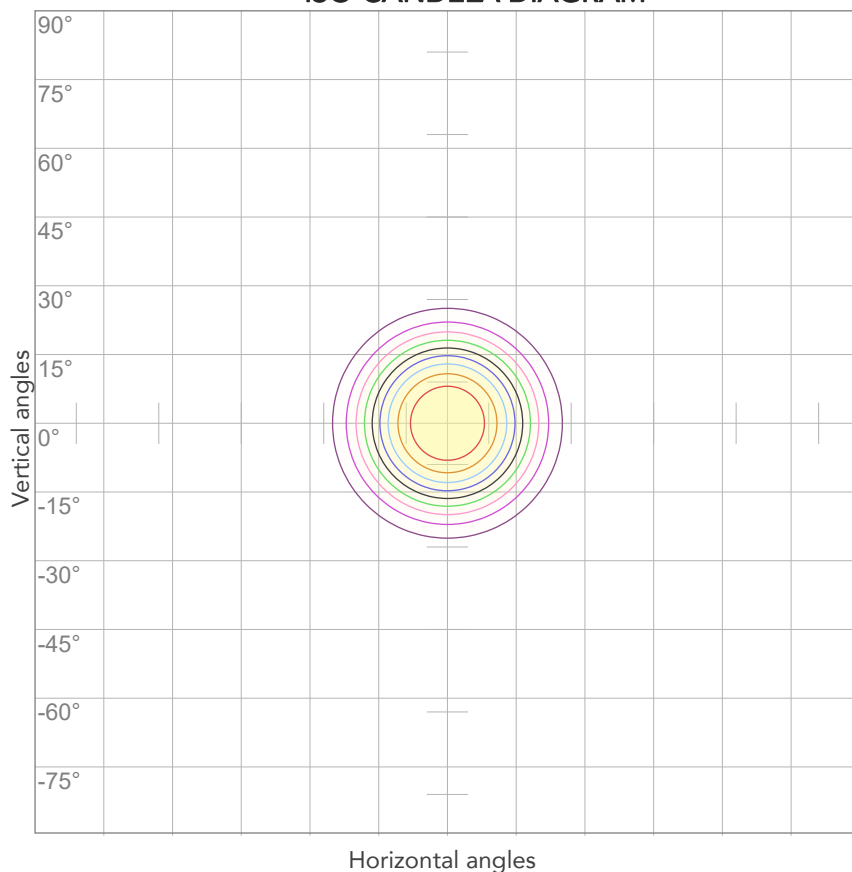
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,470A	96,0W	19lm/W

ISO CANDELA DIAGRAM



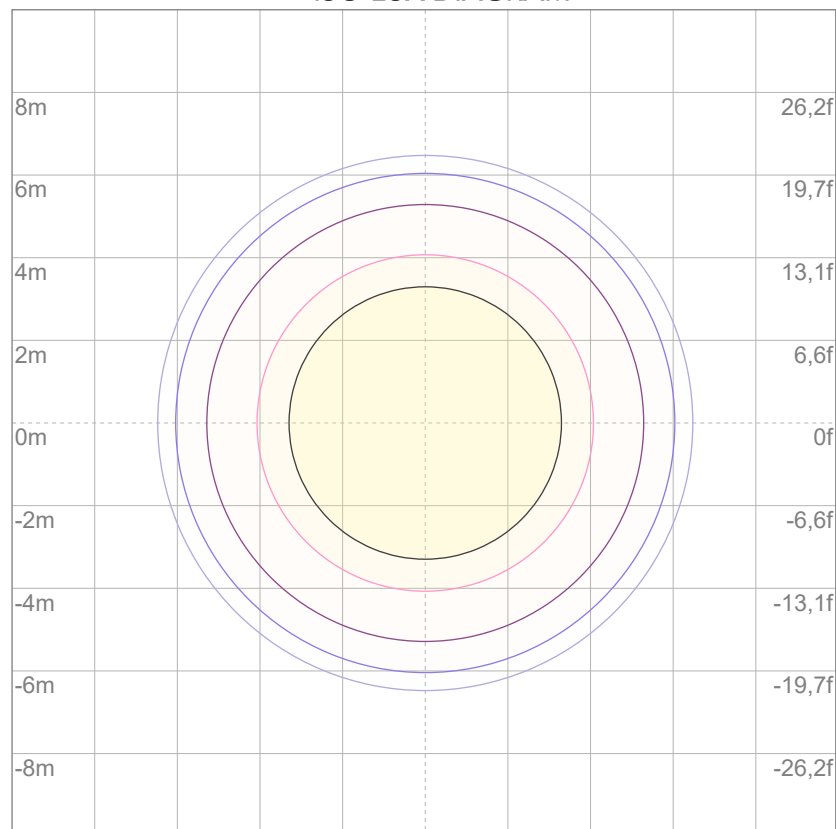
10%	493 cd
20%	986 cd
30%	1479 cd
40%	1972 cd
50%	2465 cd
60%	2958 cd
70%	3451 cd
80%	3943 cd

Conditions:

Number of c-planes: 2

Candela at center: 4929 cd

ISO LUX DIAGRAM



3%	1,48 lx
5%	2,46 lx
10%	4,93 lx
30%	14,8 lx
50%	24,6 lx

Conditions:

Number of c-planes: 2

Lux at center: 49,3 lx

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



Total lumen output:

1575 lm

Peak candela output:

17898 cd

Light quality:

CRI: 63,9

Color temperature:

5689 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

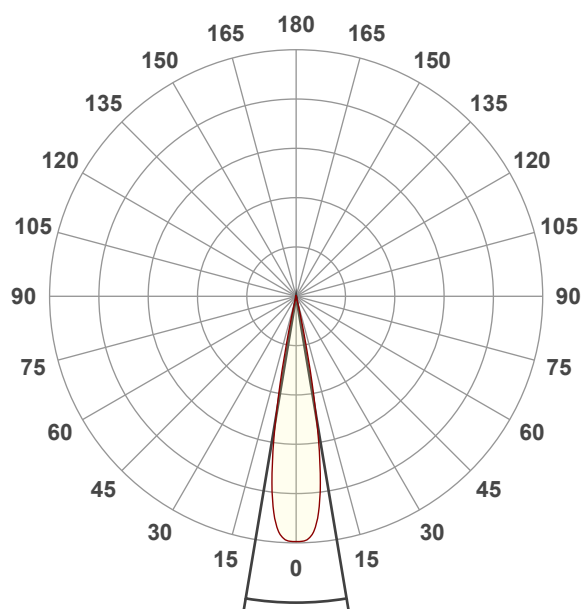
5600K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:39:20

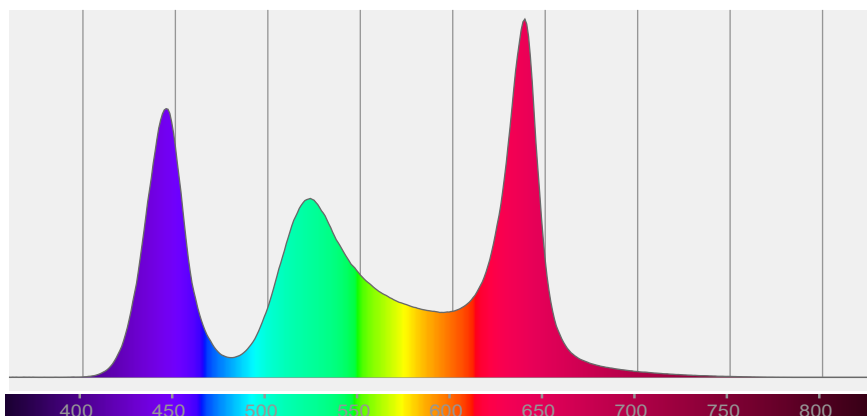


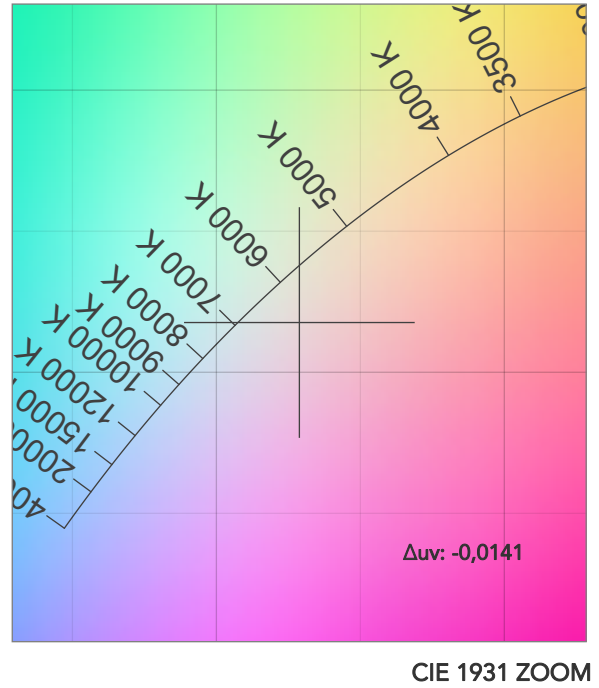
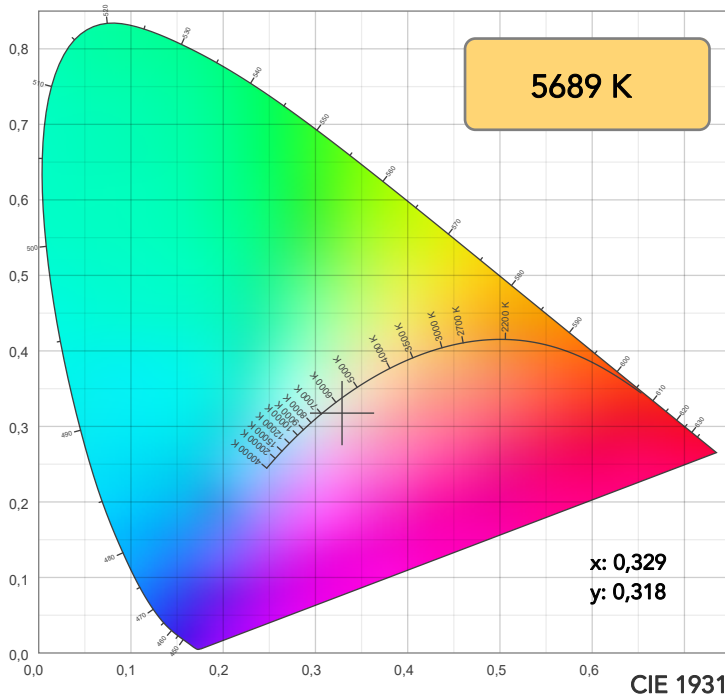
Beam angle 50%: 19°

Field angle 10%: 25,1°

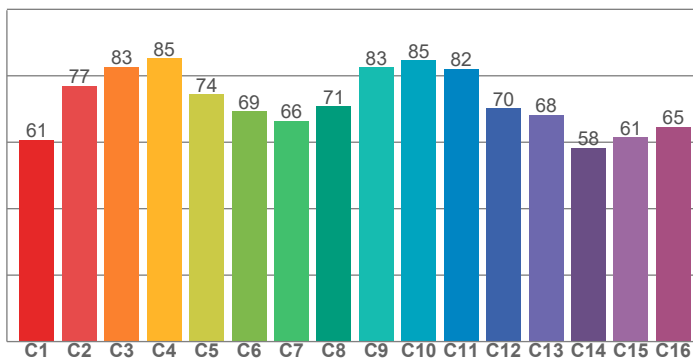
Cut off angle 2.5%: 27,3°

Spectra

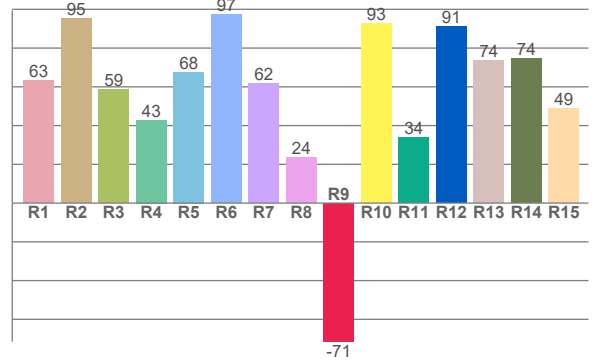




TM30: 73,6



CRI: 63,9 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
63,4	95,3	58,8	42,9	67,6	97,4	61,9	23,6	-71,5	92,7	33,8	91,2	73,6	74,4	48,6

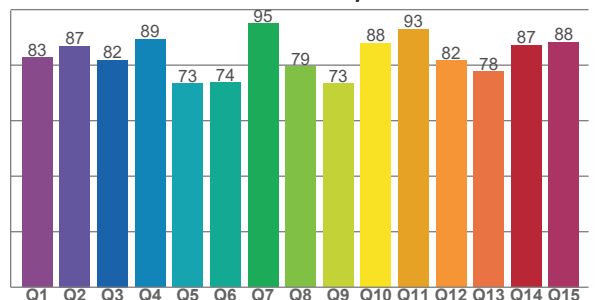
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
60,7	76,9	82,7	85,2	74,4	69,3	66,5	70,9	82,6	84,6	82,0	70,3	68,3	58,3	61,4	64,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,7	86,8	81,8	89,3	73,3	73,7	95,0	79,5	73,3	88,0	93,0	81,6	77,7	87,1	88,3

CQS: 82,1



COLOR PARAMETERS

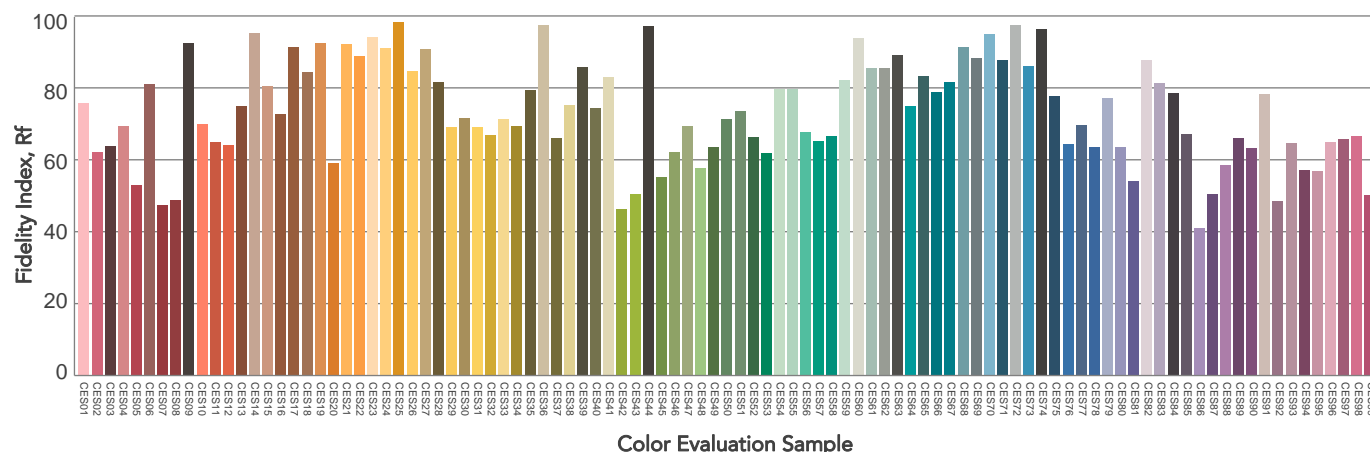
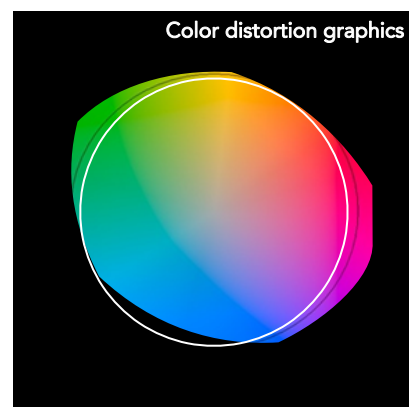
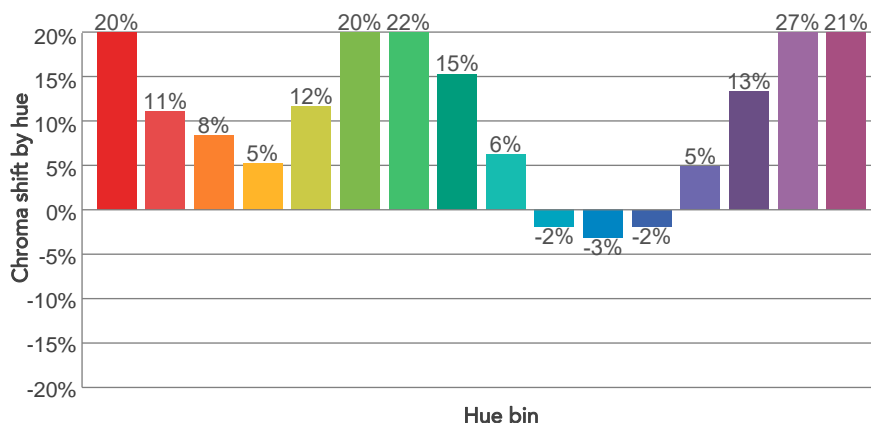
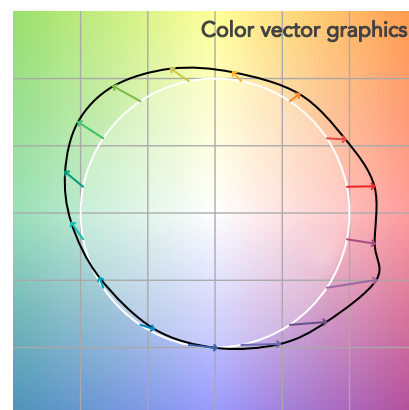
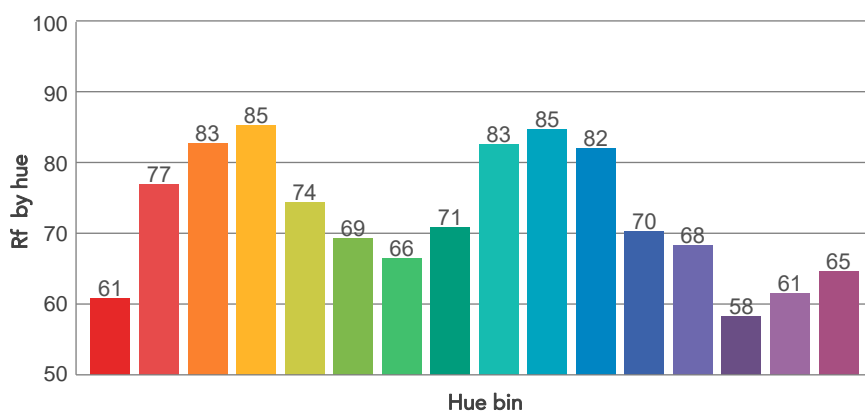
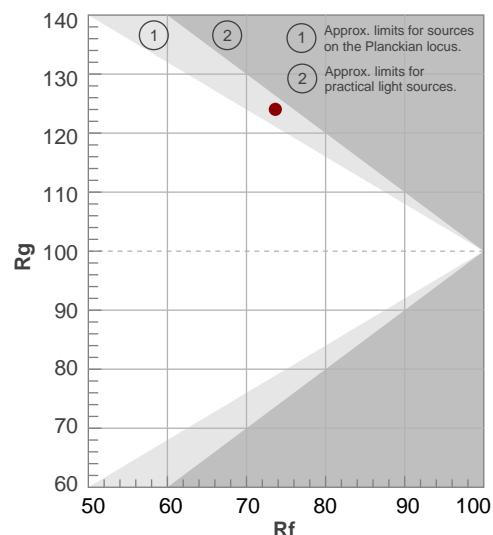
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5689 K	63,9	-71,5	73,6	124,0	82,1	50	0,329	0,318	-0,0141

TM30 DETAILS

Rf 73,6
Fidelity index Rf

Rg 124,0
Gammut index

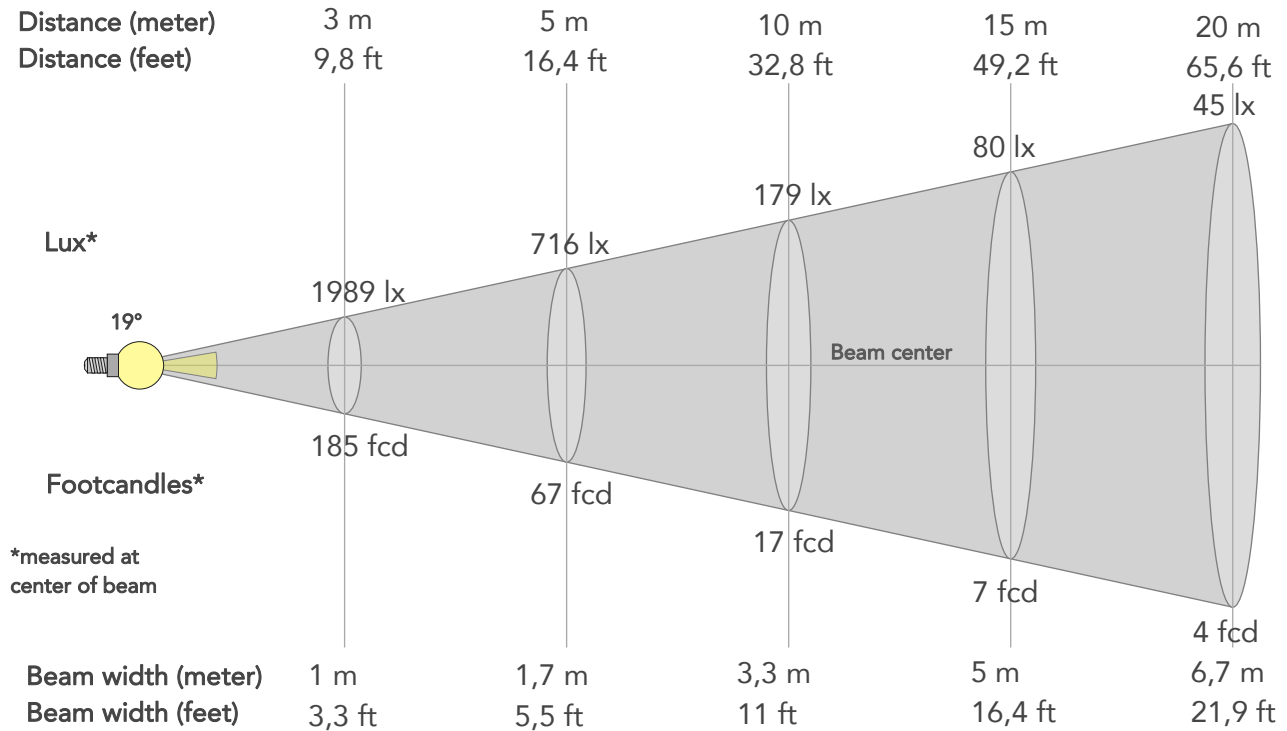
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	61	20%	-4%
2	77	11%	-8%
3	83	8%	-3%
4	85	5%	7%
5	74	12%	11%
6	69	20%	11%
7	66	22%	0%
8	71	15%	-8%
9	83	6%	-14%
10	85	-2%	-8%
11	82	-3%	10%
12	70	-2%	21%
13	68	5%	28%
14	58	13%	24%
15	61	27%	25%
16	65	21%	1%



BEAM DETAILS



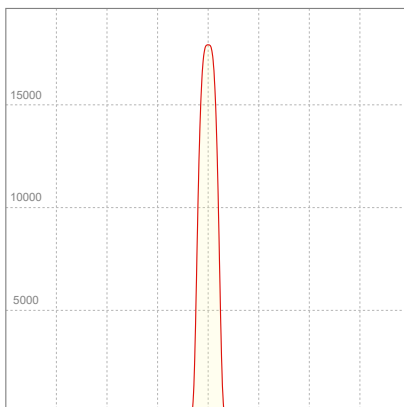
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
19°	25,1°	27,3°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	17898lx	4475lx	1989lx	1119lx	716lx	318lx	179lx	80lx	45lx	29lx	20lx	11lx	7lx
Footcand.	1663fcd	416fcd	185fcd	104fcd	67fcd	30fcd	17fcd	7fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,7m	1m	1,3m	1,7m	2,5m	3,3m	5m	6,7m	8,3m	10m	13,4m	16,7m
Beam wid.	1,1ft	2,2ft	3,3ft	4,4ft	5,5ft	8,2ft	11ft	16,4ft	21,9ft	27,4ft	32,9ft	43,8ft	54,8ft

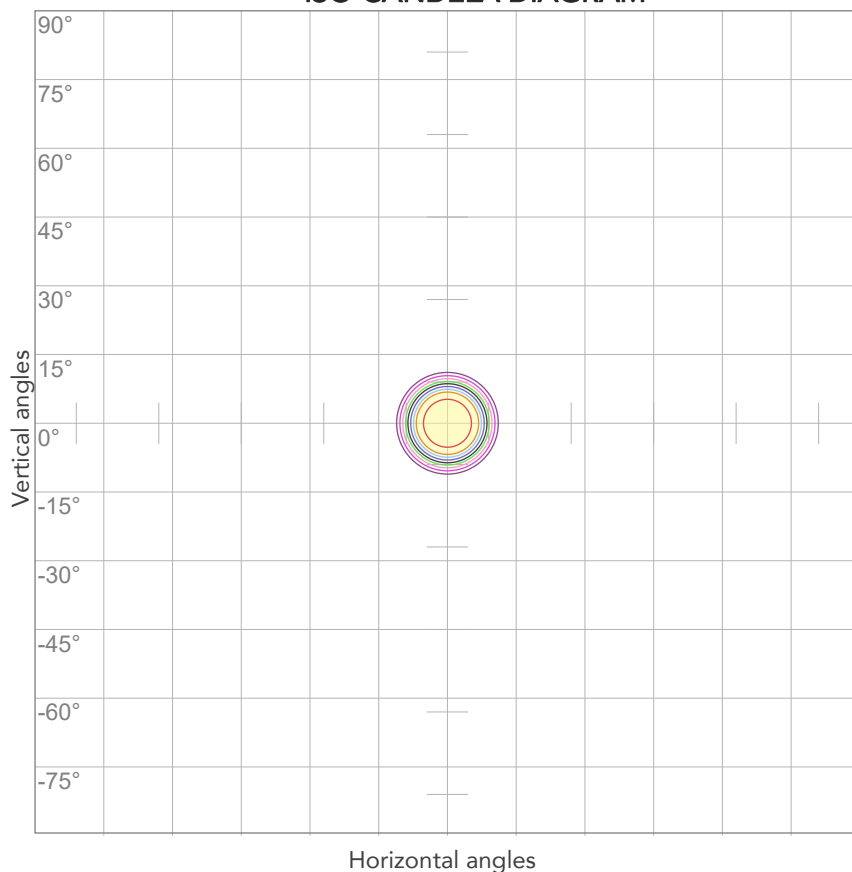
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,469A	96,0W	16lm/W

ISO CANDELA DIAGRAM



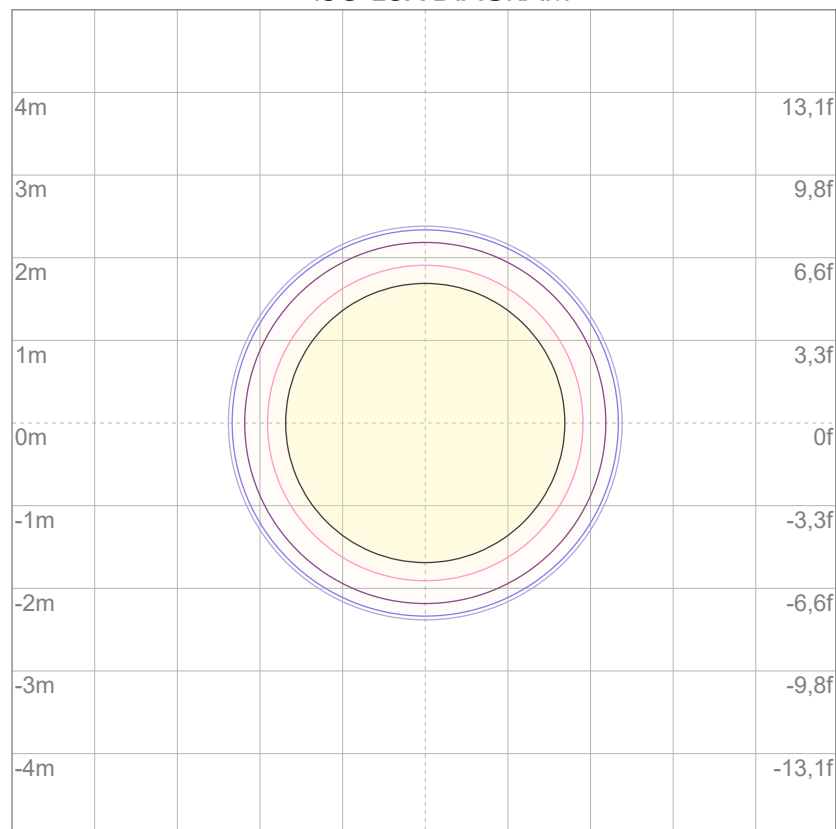
10%	1790 cd
20%	3580 cd
30%	5369 cd
40%	7159 cd
50%	8949 cd
60%	10739 cd
70%	12529 cd
80%	14319 cd

Conditions:

Number of c-planes: 2

Candela at center: 17898 cd

ISO LUX DIAGRAM



3%	5,37 lx
5%	8,95 lx
10%	17,9 lx
30%	53,7 lx
50%	89,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 179 lx

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



Total lumen output:

1082 lm

Peak candela output:

234926 cd

Light quality:

CRI: 63,2

Color temperature:

5653 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

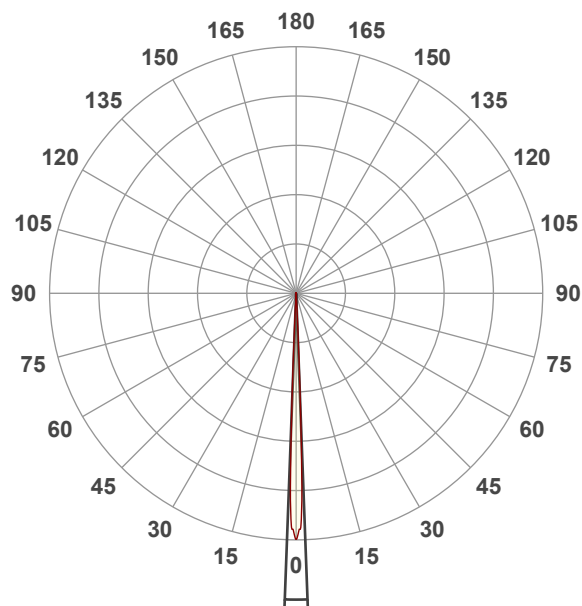
5600K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:37:56

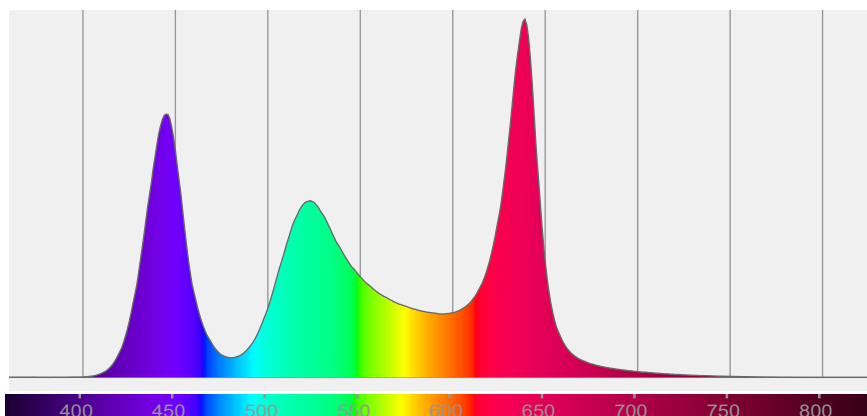


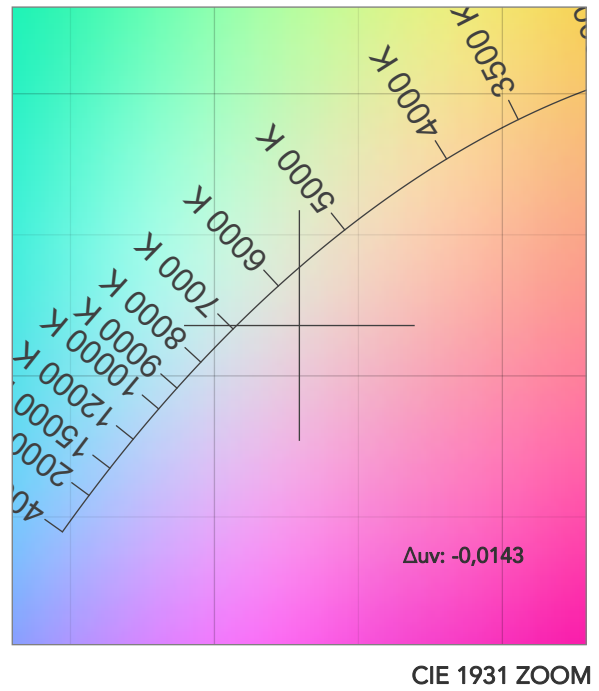
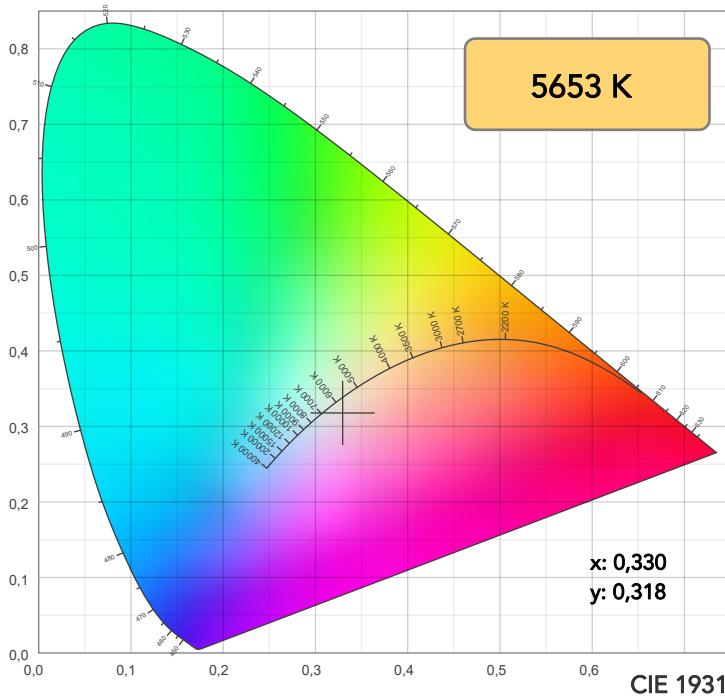
Beam angle 50%: 4,3°

Field angle 10%: 5,8°

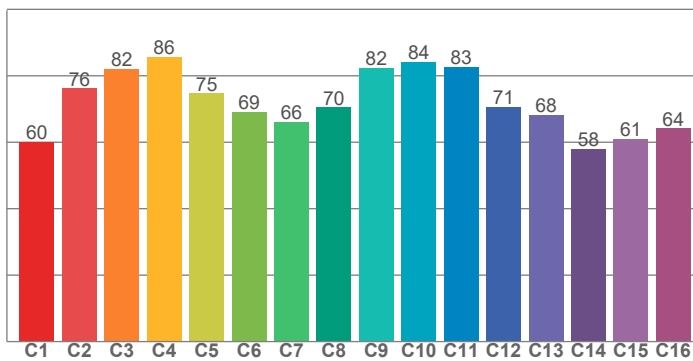
Cut off angle 2.5%: 6,3°

Spectra

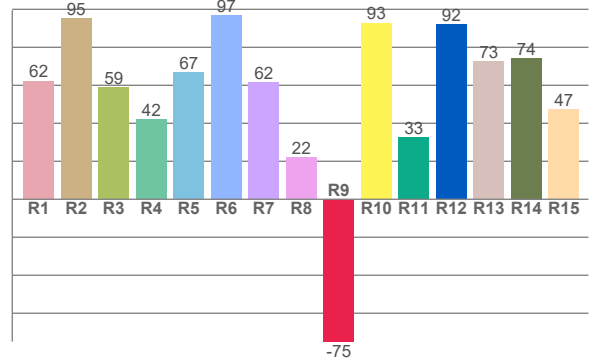




TM30: 73,5



CRI: 63,2 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
62,3	95,1	58,8	42,1	66,6	96,9	61,5	22,0	-74,9	92,9	32,6	92,0	72,5	74,4	47,4

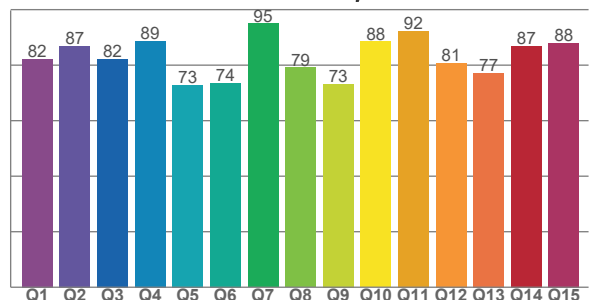
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
60,0	76,3	82,0	85,6	74,7	69,2	66,2	70,5	82,3	84,2	82,6	70,6	68,3	58,1	61,1	64,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,3	86,9	82,3	88,7	72,9	73,6	95,0	79,1	73,2	88,4	92,2	80,8	77,1	86,9	88,0

CQS: 81,8



COLOR PARAMETERS

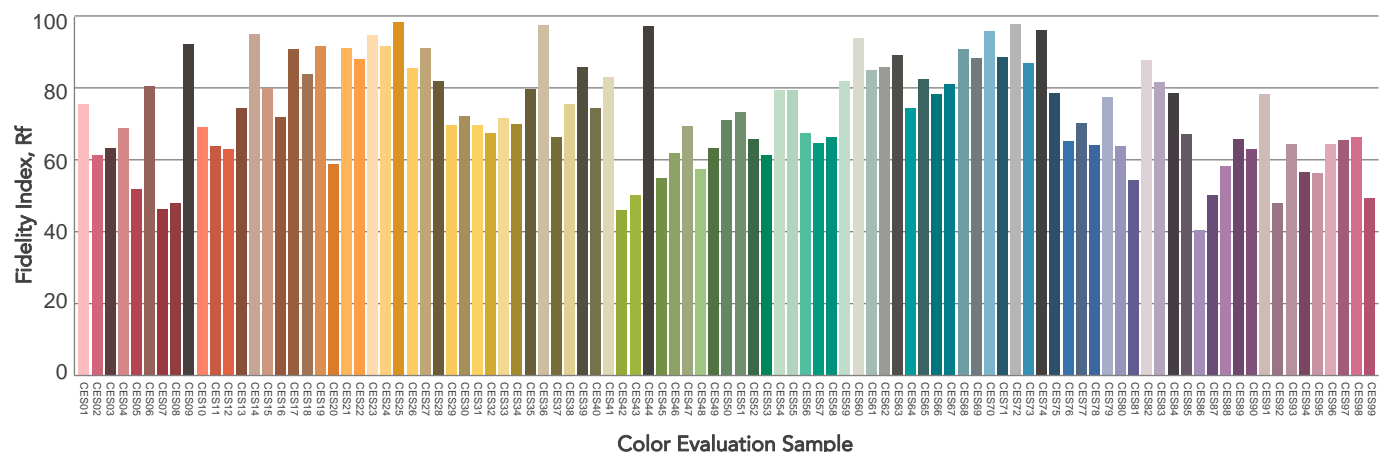
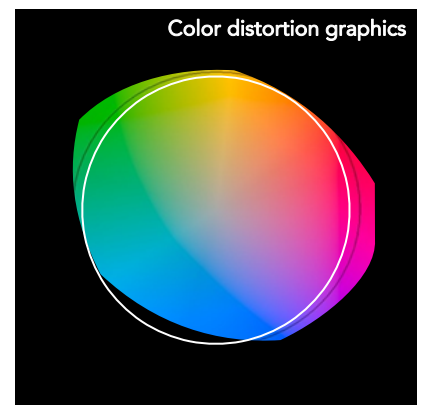
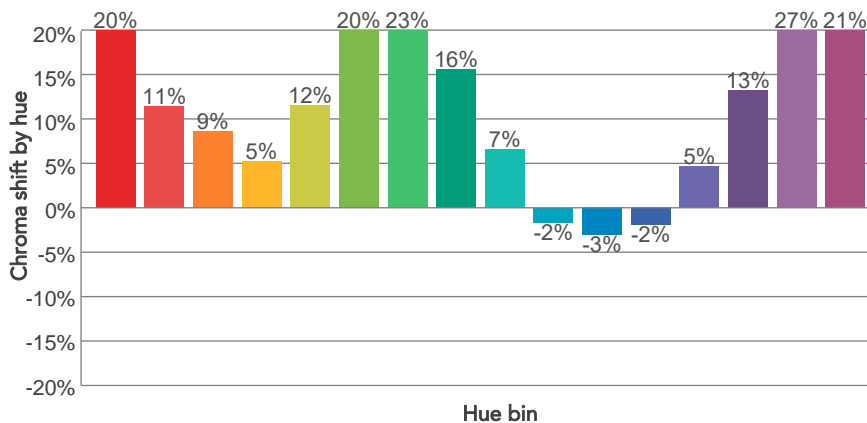
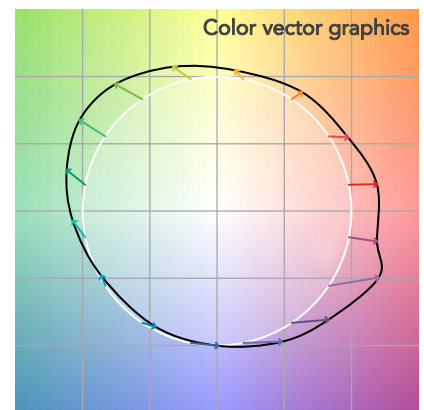
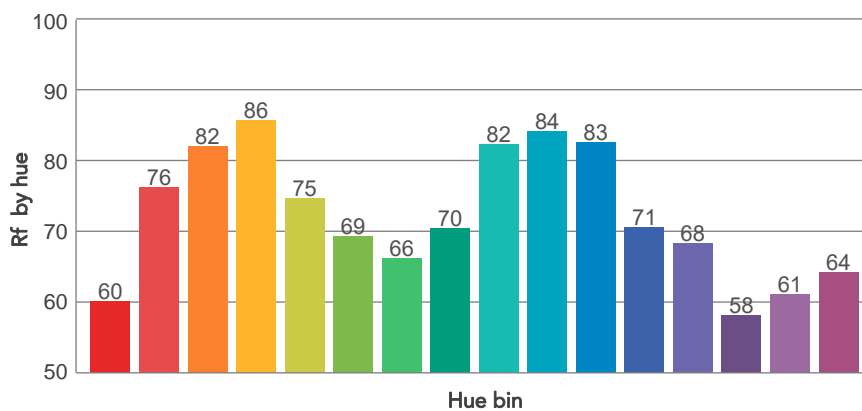
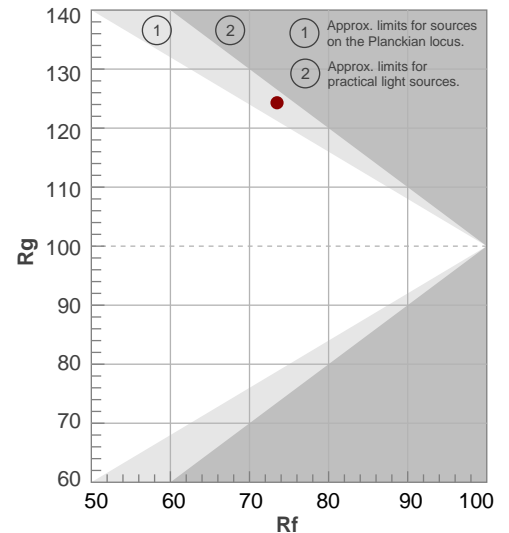
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5653 K	63,2	-74,9	73,5	124,3	81,8	49	0,330	0,318	-0,0143

TM30 DETAILS

Rf 73,5
Fidelity index Rf

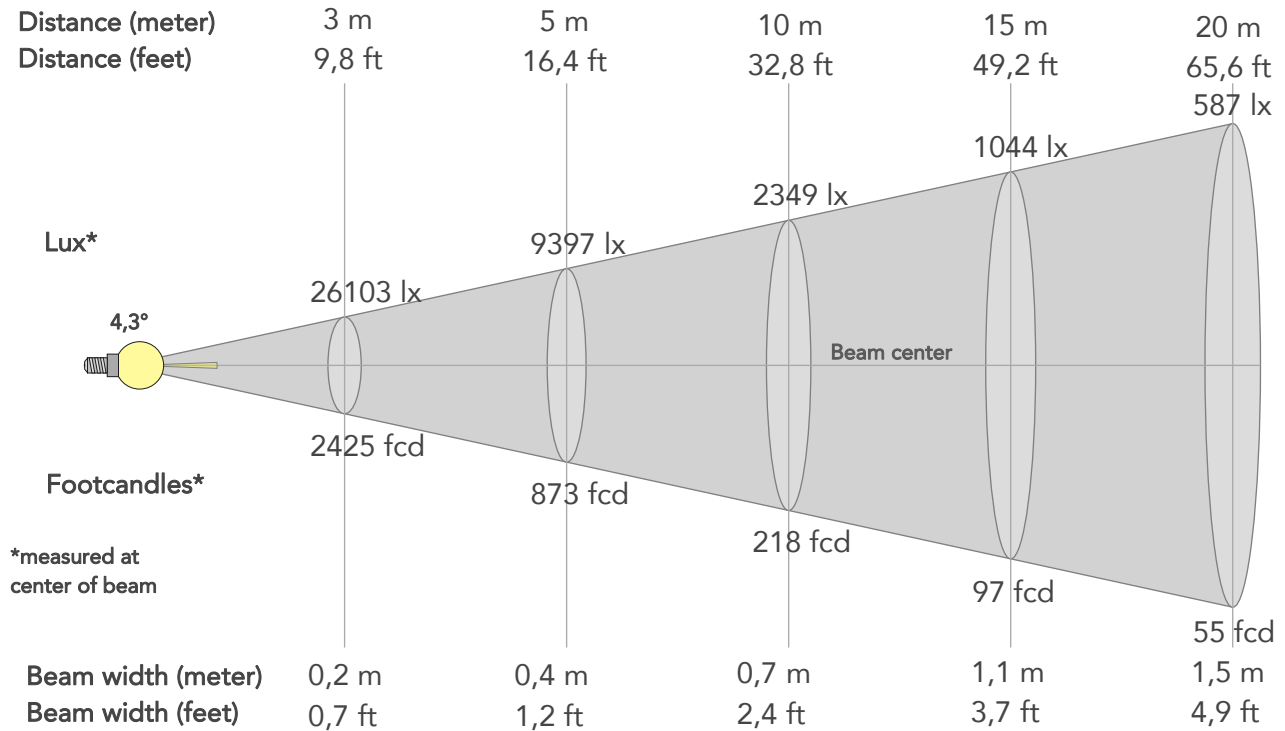
Rg 124,3
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	60	20%	-4%
2	76	11%	-9%
3	82	9%	-3%
4	86	5%	7%
5	75	12%	11%
6	69	20%	11%
7	66	23%	1%
8	70	16%	-8%
9	82	7%	-14%
10	84	-2%	-8%
11	83	-3%	10%
12	71	-2%	21%
13	68	5%	28%
14	58	13%	24%
15	61	27%	26%
16	64	21%	1%



BEAM DETAILS

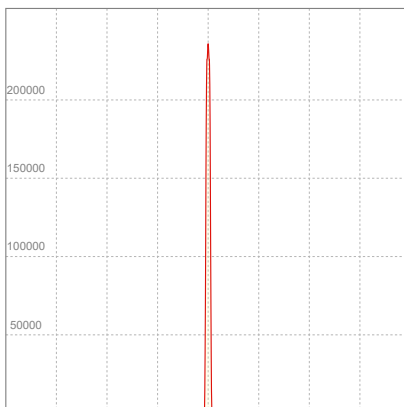
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,3°	5,8°	6,3°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	234926lx	58732lx	26103lx	14683lx	9397lx	4176lx	2349lx	1044lx	587lx	376lx	261lx	147lx	94lx
Footcand.	21825fcd	5456fcd	2425fcd	1364fcd	873fcd	388fcd	218fcd	97fcd	55fcd	35fcd	24fcd	14fcd	9fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,4m	0,6m	0,7m	1,1m	1,5m	1,9m	2,2m	3m	3,7m
Beam wid.	0,2ft	0,5ft	0,7ft	1ft	1,2ft	1,8ft	2,4ft	3,7ft	4,9ft	6,1ft	7,3ft	9,7ft	12,2ft

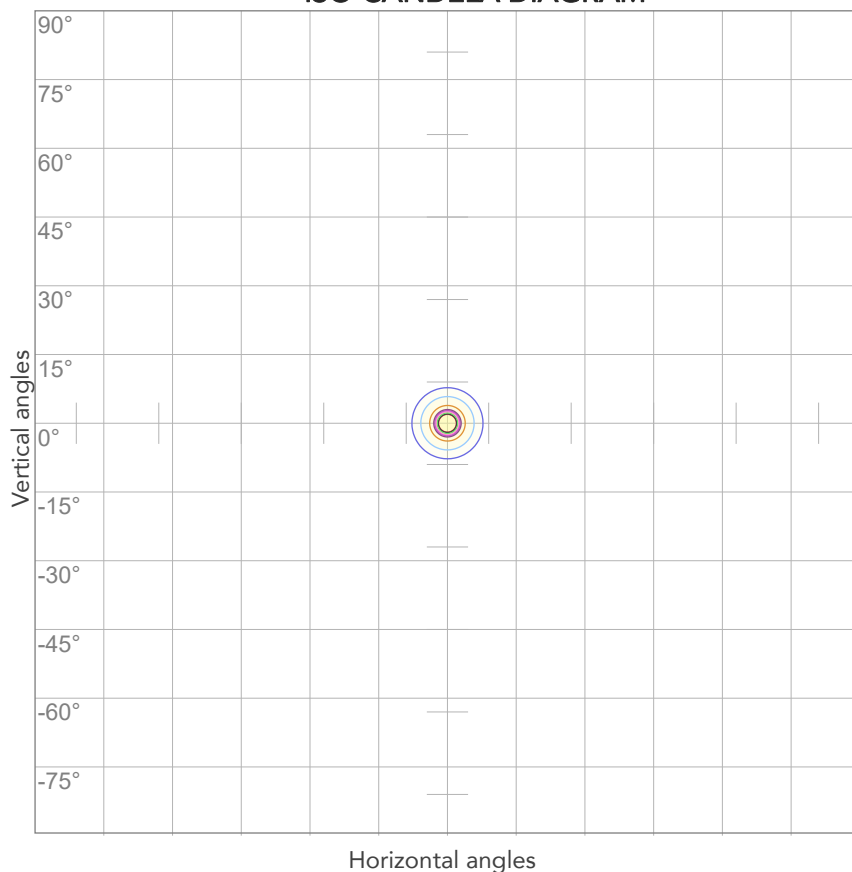
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,468A	95,5W	11lm/W

ISO CANDELA DIAGRAM



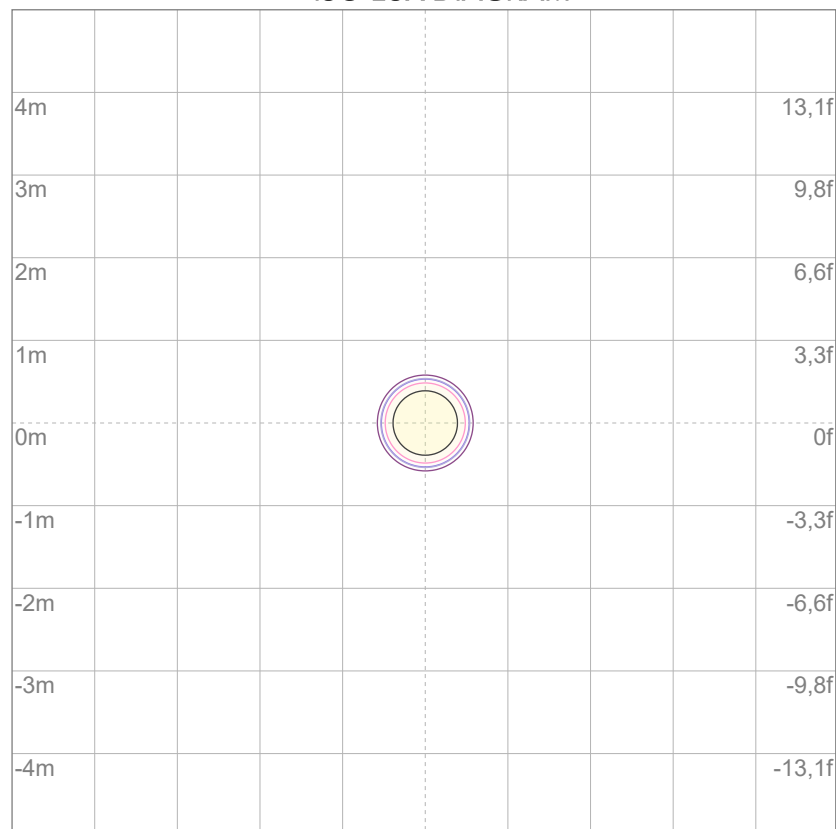
10%	23493 cd
20%	46985 cd
30%	70478 cd
40%	93971 cd
50%	117463 cd
60%	140956 cd
70%	164449 cd
80%	187941 cd

Conditions:

Number of c-planes: 2

Candela at center: 234926 cd

ISO LUX DIAGRAM



3%	70,5 lx
5%	117 lx
10%	235 lx
30%	705 lx
50%	1175 lx

Conditions:

Number of c-planes: 2

Lux at center: 2349 lx

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



Total lumen output:

1813 lm

Peak candela output:

4940 cd

Light quality:

CRI: 64,1

Color temperature:

6063 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

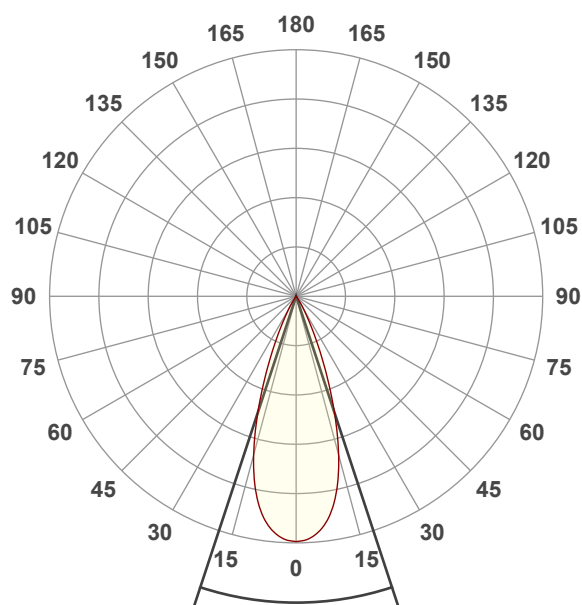
6000K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:51:57

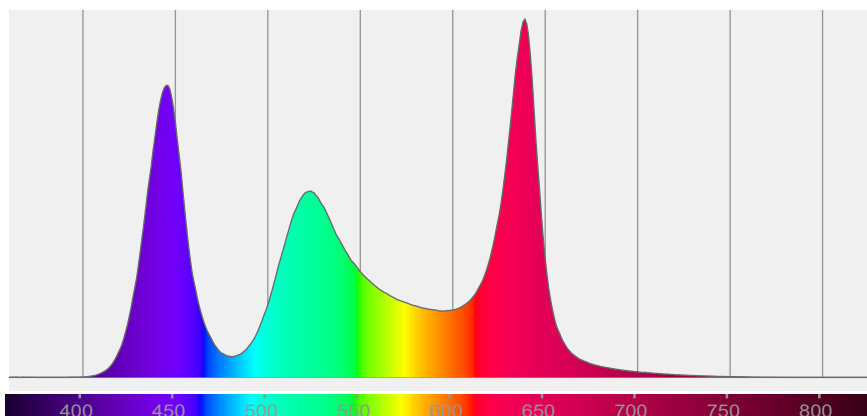


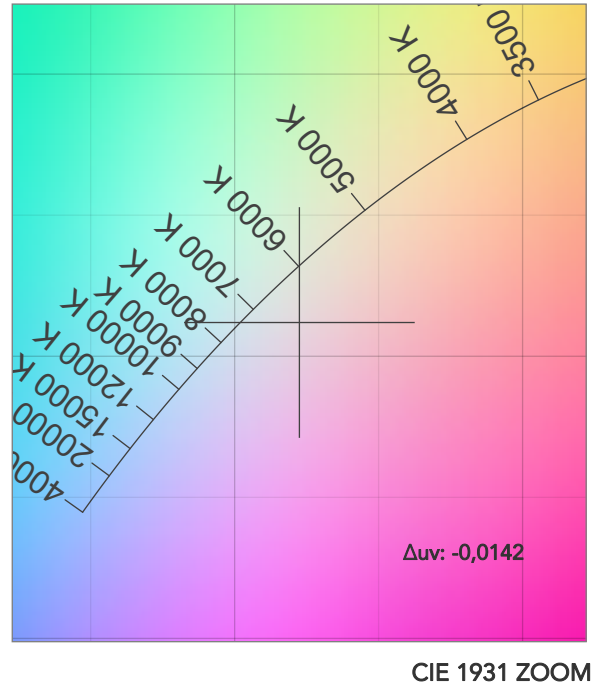
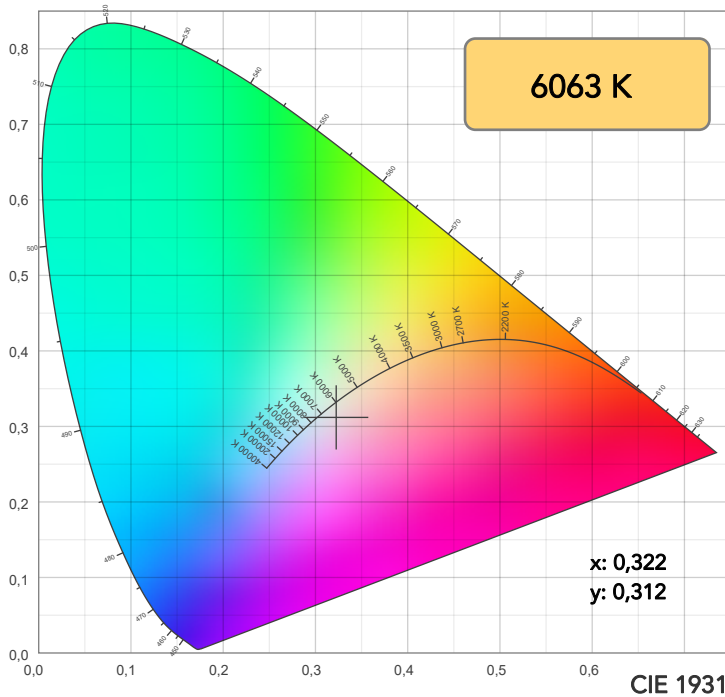
Beam angle 50%: 36,5°

Field angle 10%: 56°

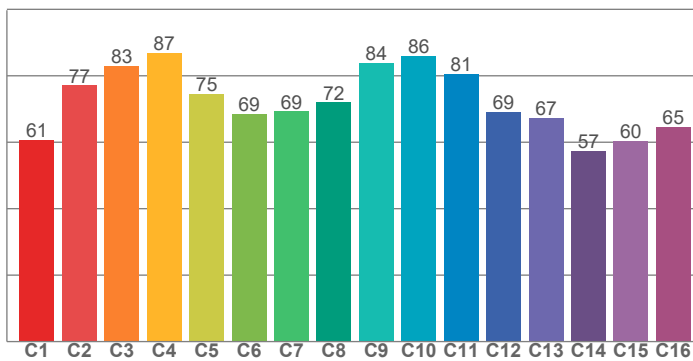
Cut off angle 2.5%: 66,6°

Spectra

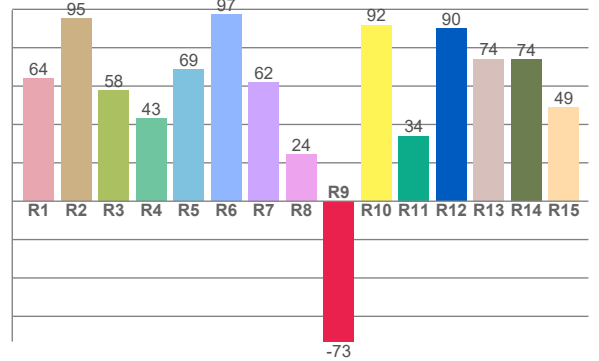




TM30: 73,7



CRI: 64,1 (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
63,9	95,4	57,9	43,1	68,5	97,4	62,1	24,2	-73,2	91,9	34,0	90,1	74,2	74,0	48,9

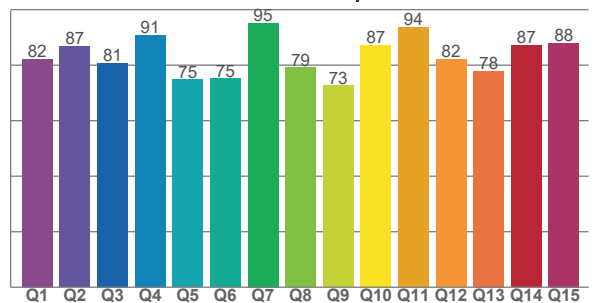
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
60,7	77,2	83,0	86,9	74,6	68,5	69,3	72,0	83,9	86,1	80,5	69,1	67,4	57,4	60,4	64,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,2	86,8	80,7	90,9	74,8	75,2	95,3	79,1	72,6	87,3	93,8	82,1	77,9	87,1	87,9

CQS: 82,3



COLOR PARAMETERS

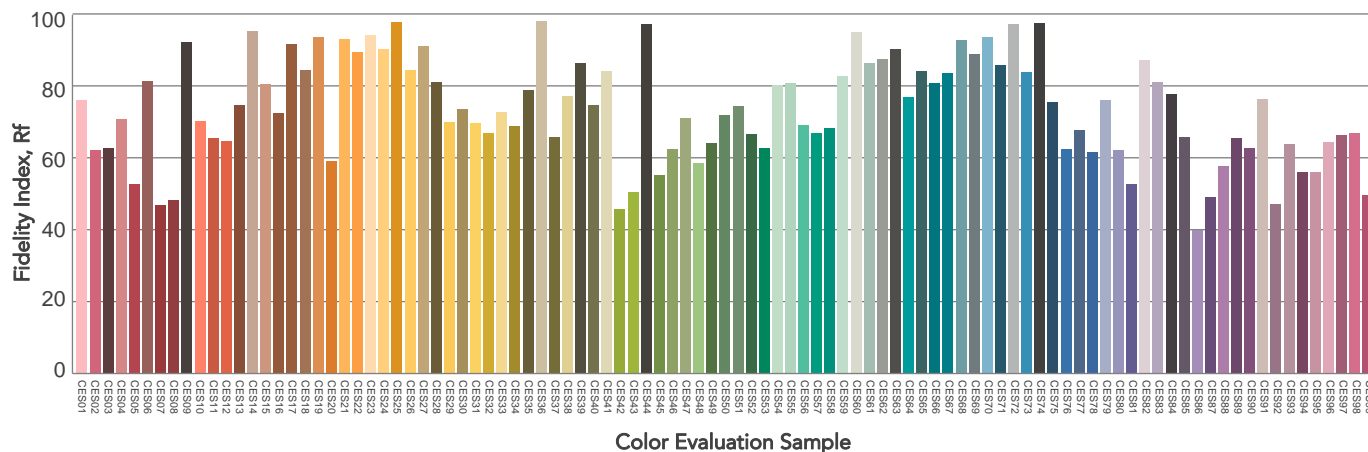
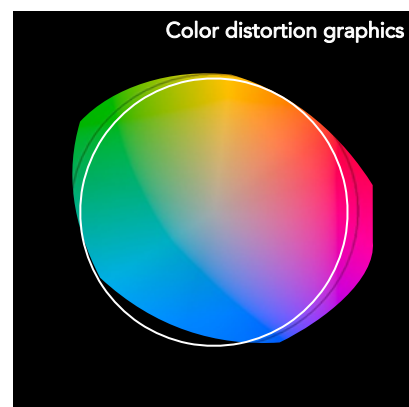
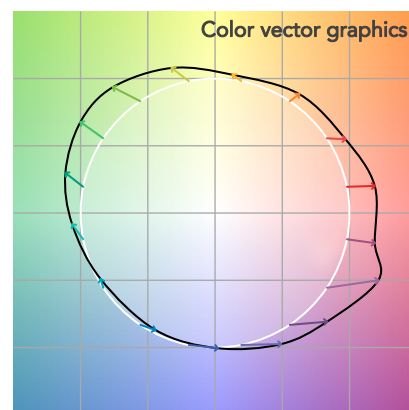
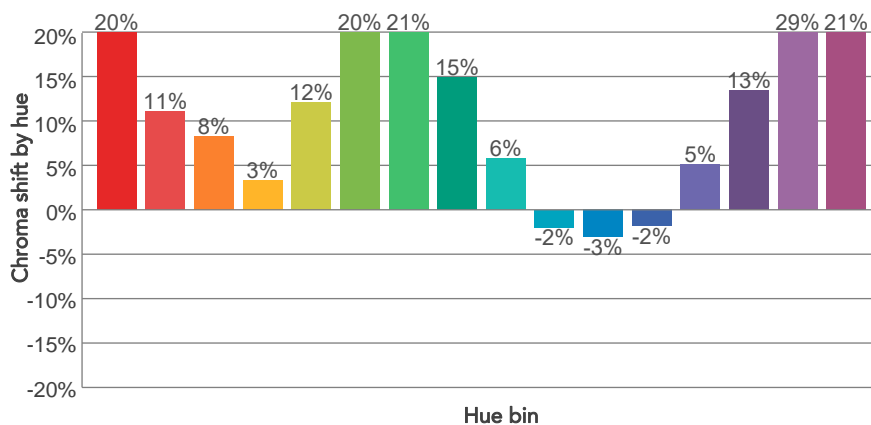
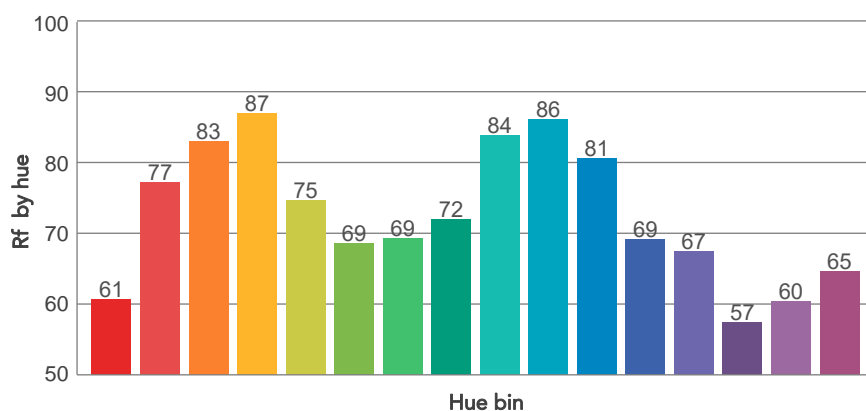
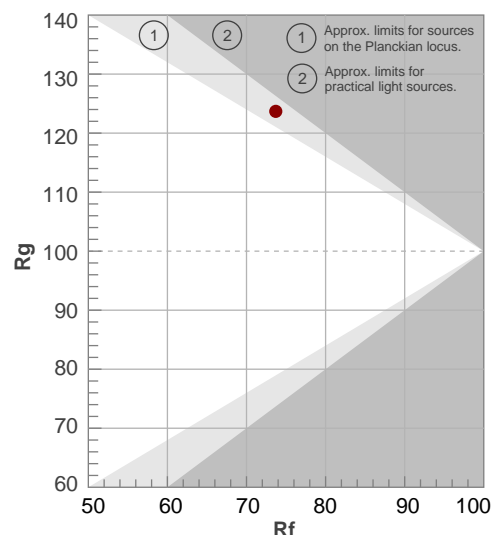
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6063 K	64,1	-73,2	73,7	123,7	82,3	51	0,322	0,312	-0,0142

TM30 DETAILS

Rf 73,7
Fidelity index Rf

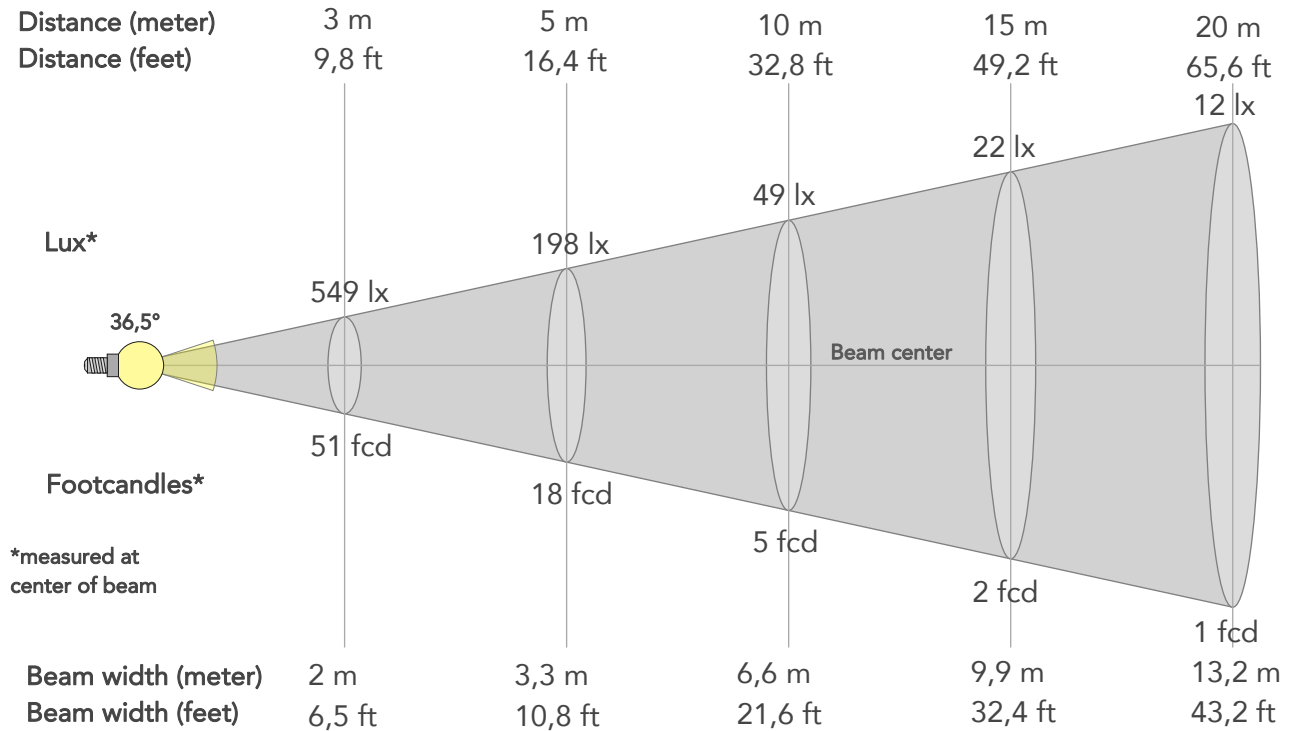
Rg 123,7
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	61	20%	-3%
2	77	11%	-8%
3	83	8%	-3%
4	87	3%	7%
5	75	12%	11%
6	69	20%	11%
7	69	21%	-1%
8	72	15%	-8%
9	84	6%	-13%
10	86	-2%	-6%
11	81	-3%	11%
12	69	-2%	22%
13	67	5%	29%
14	57	13%	24%
15	60	29%	26%
16	65	21%	1%



BEAM DETAILS

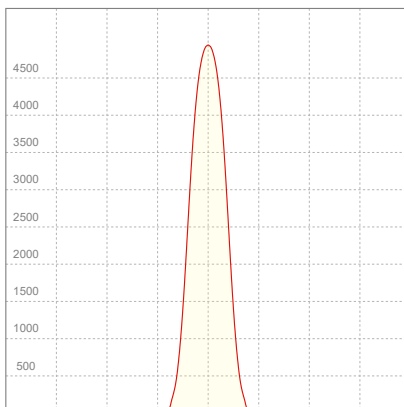
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36,5°	56°	66,6°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4940lx	1235lx	549lx	309lx	198lx	88lx	49lx	22lx	12lx	8lx	5lx	3lx	2lx
Footcand.	459fcd	115fcd	51fcd	29fcd	18fcd	8fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,7m	1,3m	2m	2,6m	3,3m	4,9m	6,6m	9,9m	13,2m	16,5m	19,8m	26,4m	32,9m
Beam wid.	2,2ft	4,3ft	6,5ft	8,6ft	10,8ft	16,2ft	21,6ft	32,4ft	43,2ft	54ft	64,8ft	86,4ft	108ft

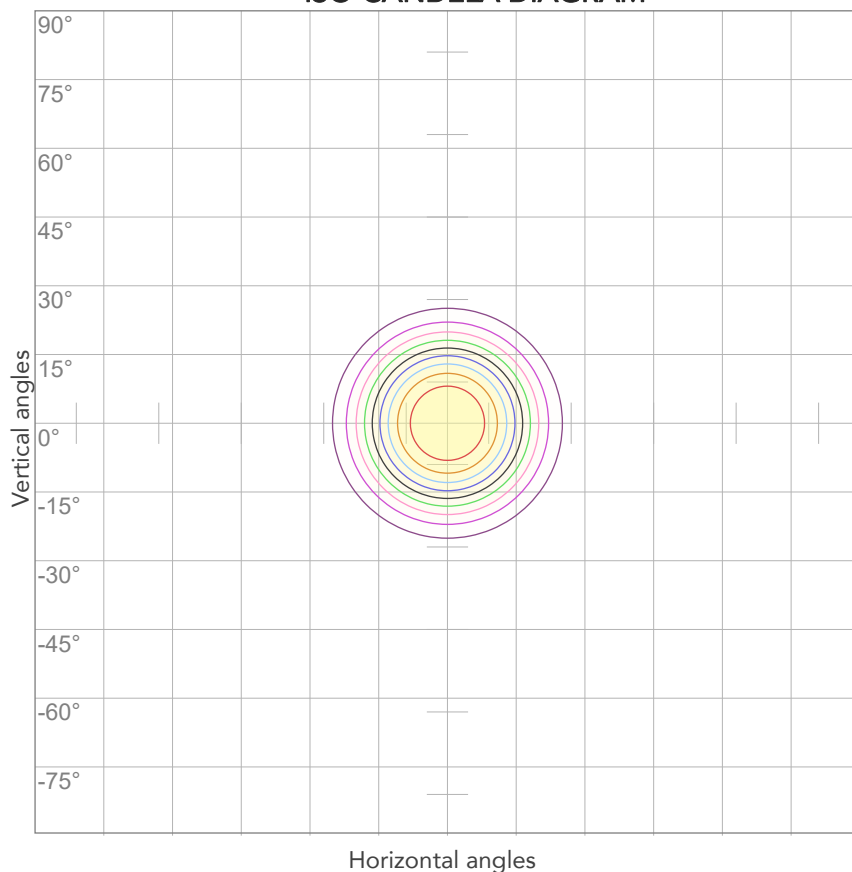
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,471A	96,5W	19lm/W

ISO CANDELA DIAGRAM



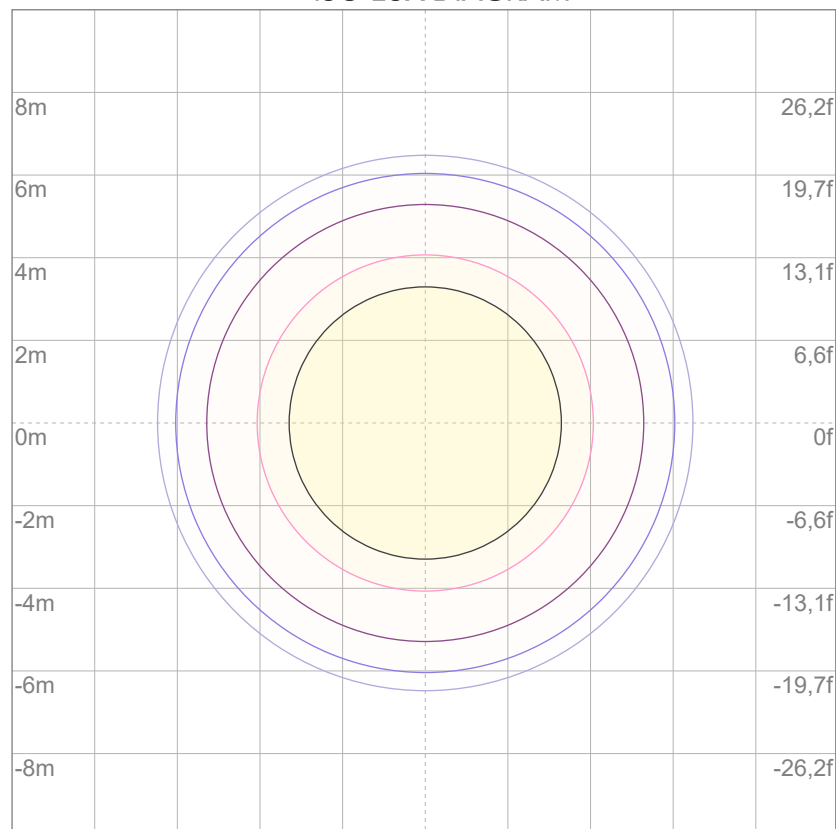
10%	494 cd
20%	988 cd
30%	1482 cd
40%	1976 cd
50%	2470 cd
60%	2964 cd
70%	3458 cd
80%	3952 cd

Conditions:

Number of c-planes: 2

Candela at center: 4940 cd

ISO LUX DIAGRAM



3%	1,48 lx
5%	2,47 lx
10%	4,94 lx
30%	14,8 lx
50%	24,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 49,4 lx

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



Total lumen output:

1550 lm

Peak candela output:

17858 cd

Light quality:

CRI: 63,1

Color temperature:

6103 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

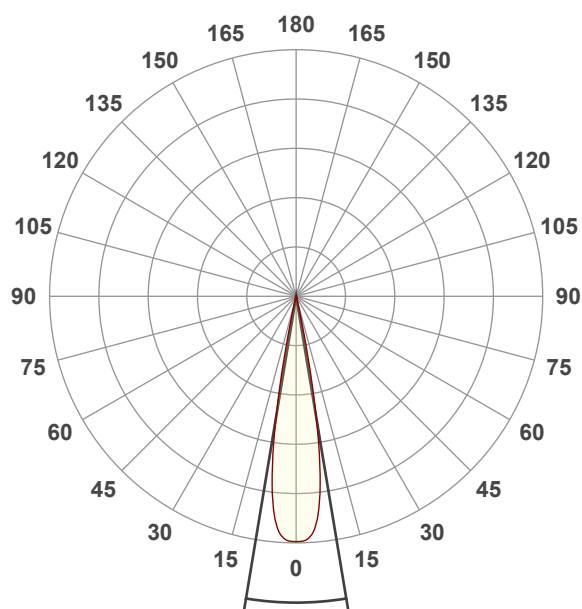
6000K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:50:20

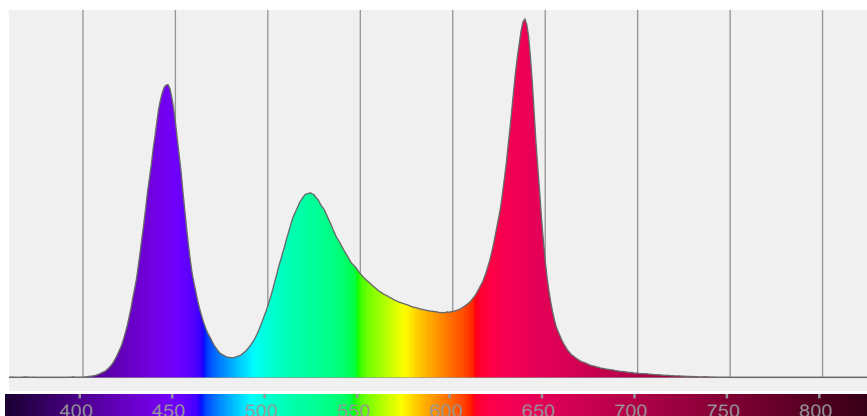


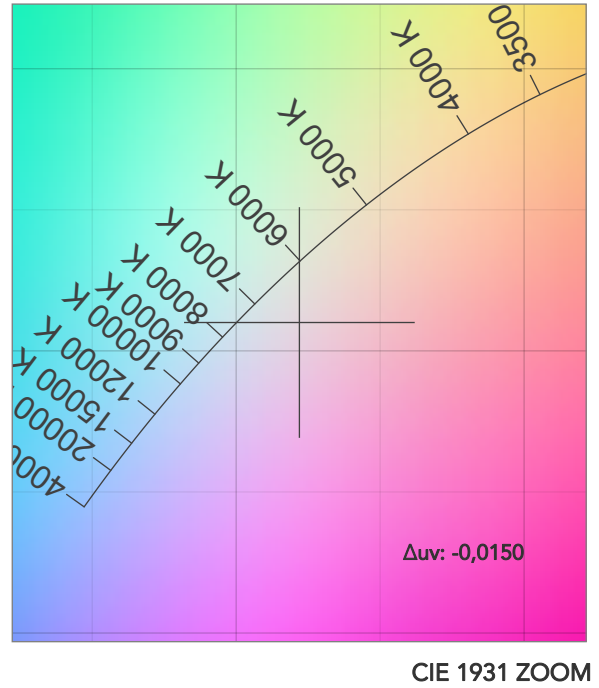
Beam angle 50%: 18,8°

Field angle 10%: 24,9°

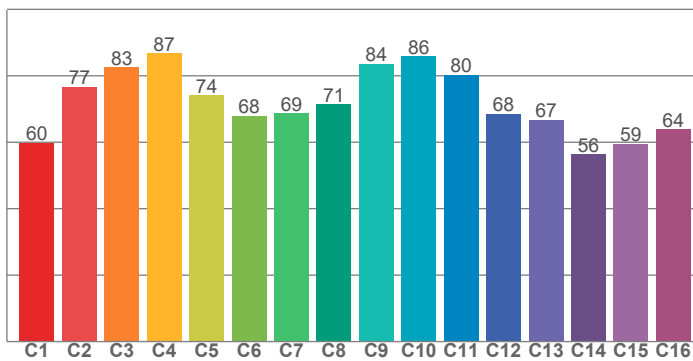
Cut off angle 2.5%: 27°

Spectra

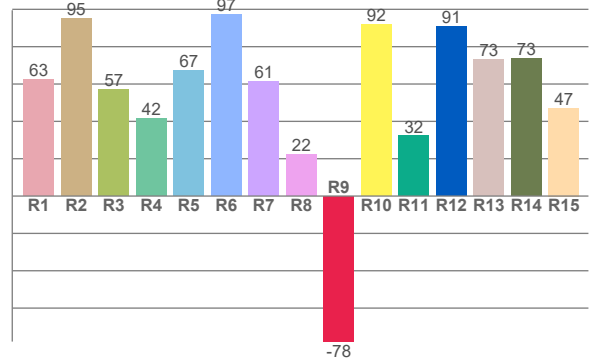




TM30: 73,1



CRI: 63,1 (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
62,7	95,1	57,1	41,6	67,4	97,2	61,3	22,3	-77,9	91,9	32,2	90,6	73,1	73,5	47,1

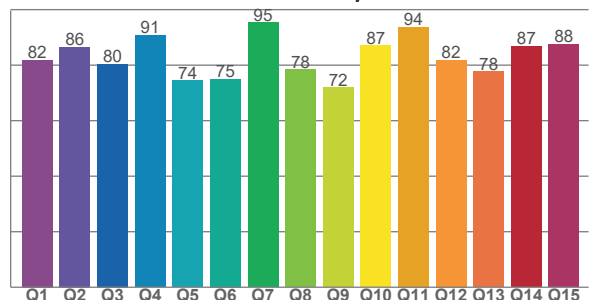
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
59,7	76,6	82,5	86,7	74,1	67,9	68,7	71,3	83,5	85,8	80,3	68,5	66,7	56,3	59,4	63,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,8	86,5	80,4	90,8	74,4	75,0	95,3	78,5	72,0	87,1	93,7	81,8	77,7	86,8	87,5

CQS: 81,9



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6103 K	63,1	-77,9	73,1	124,3	81,9	50	0,322	0,310	-0,0150

TM30 DETAILS

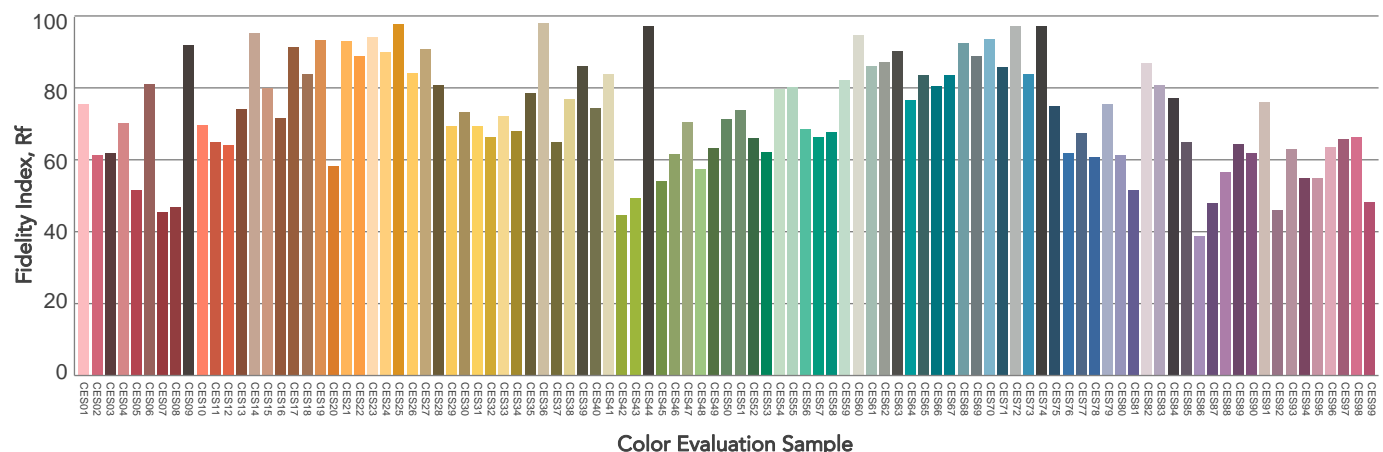
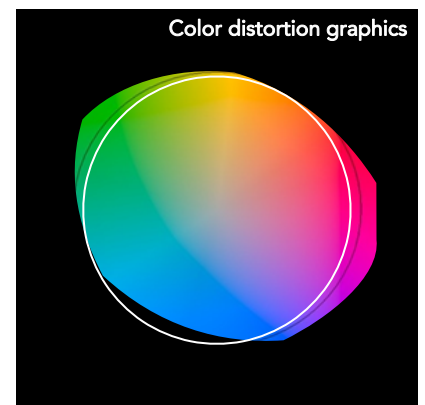
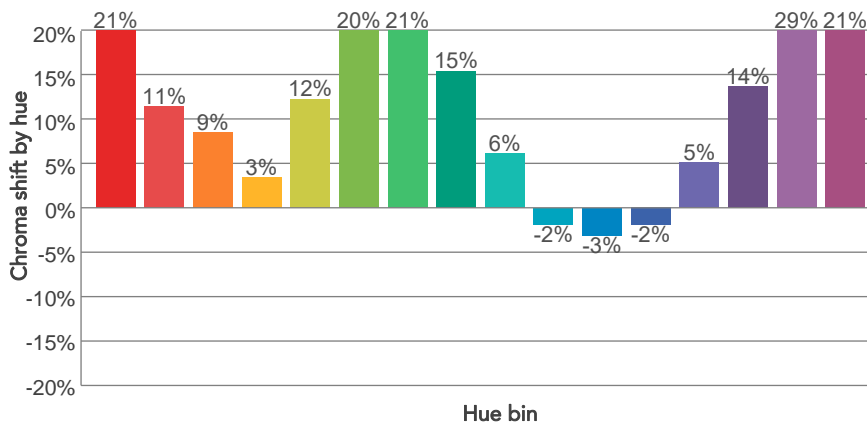
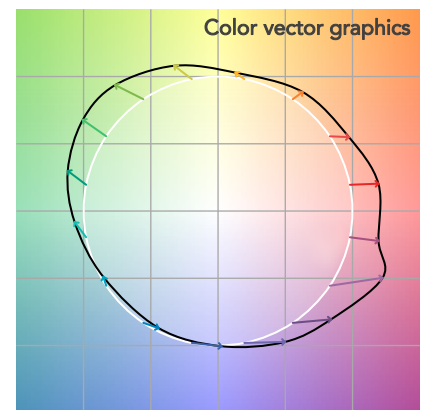
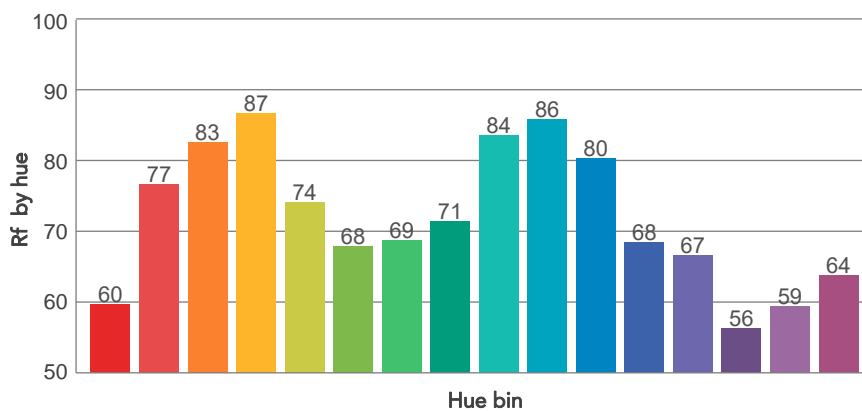
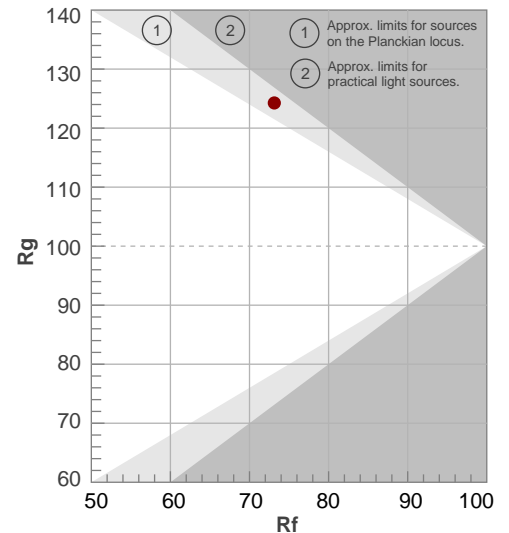
Rf 73,1

Fidelity index Rf

Rg 124,3

Gammut index

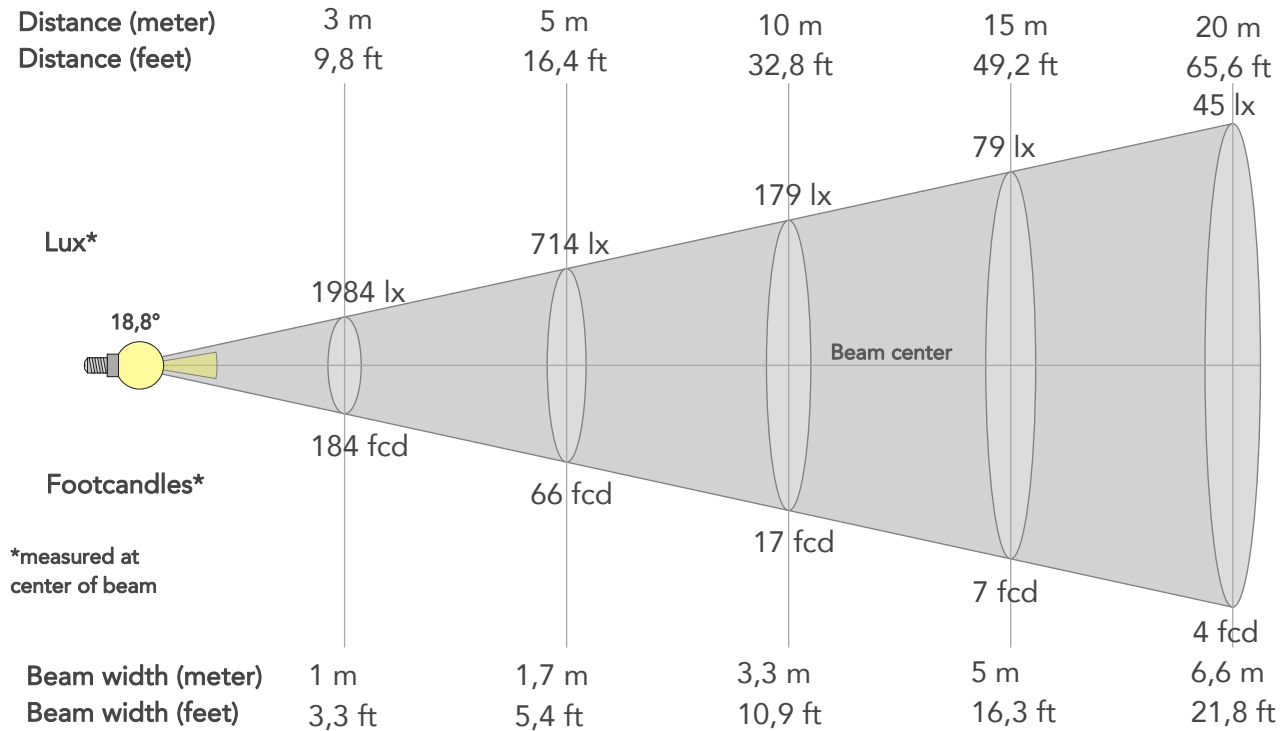
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	60	21%	-3%
2	77	11%	-8%
3	83	9%	-3%
4	87	3%	7%
5	74	12%	11%
6	68	20%	12%
7	69	21%	0%
8	71	15%	-7%
9	84	6%	-13%
10	86	-2%	-7%
11	80	-3%	12%
12	68	-2%	22%
13	67	5%	30%
14	56	14%	25%
15	59	29%	27%
16	64	21%	1%



BEAM DETAILS



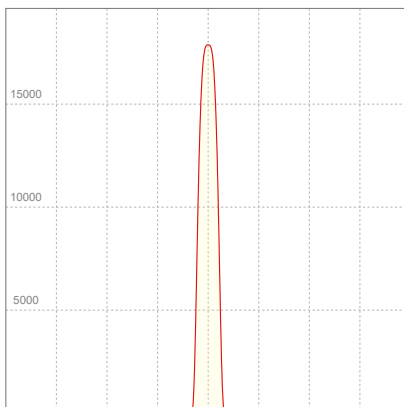
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,8°	24,9°	27°	100,0%	100,0%



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	17858lx	4465lx	1984lx	1116lx	714lx	317lx	179lx	79lx	45lx	29lx	20lx	11lx	7lx
Footcand.	1659fcd	415fcd	184fcd	104fcd	66fcd	29fcd	17fcd	7fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,3m	0,7m	1m	1,3m	1,7m	2,5m	3,3m	5m	6,6m	8,3m	10m	13,3m	16,6m
Beam wid.	1,1ft	2,2ft	3,3ft	4,3ft	5,4ft	8,2ft	10,9ft	16,3ft	21,8ft	27,2ft	32,7ft	43,5ft	54,4ft

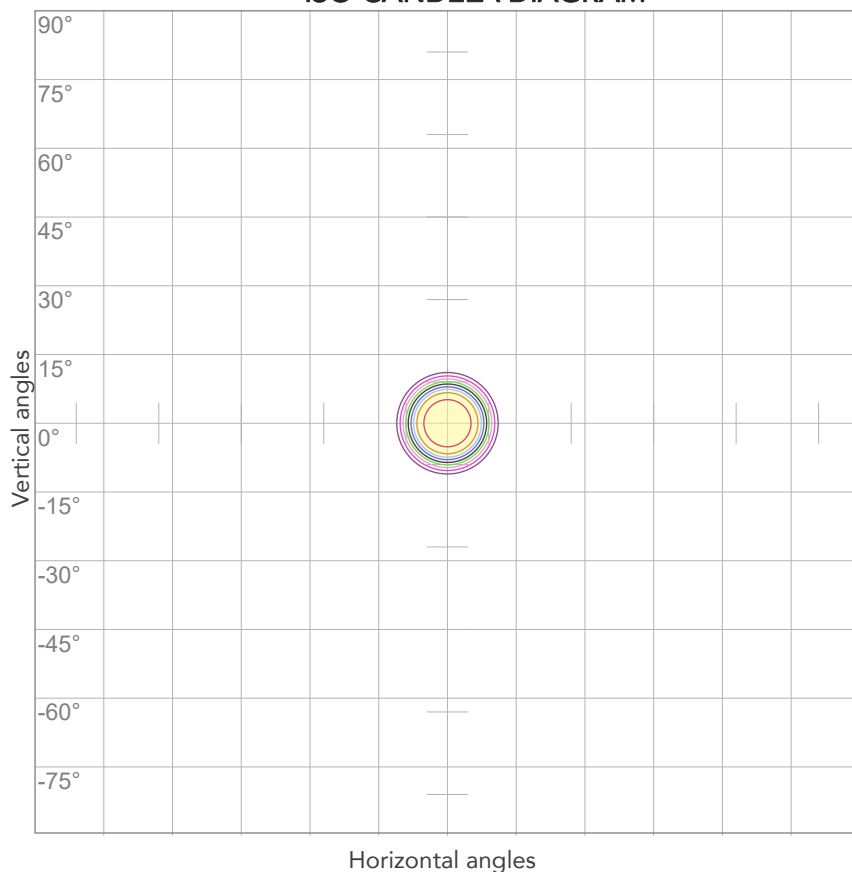
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,472A	96,5W	16lm/W

ISO CANDELA DIAGRAM



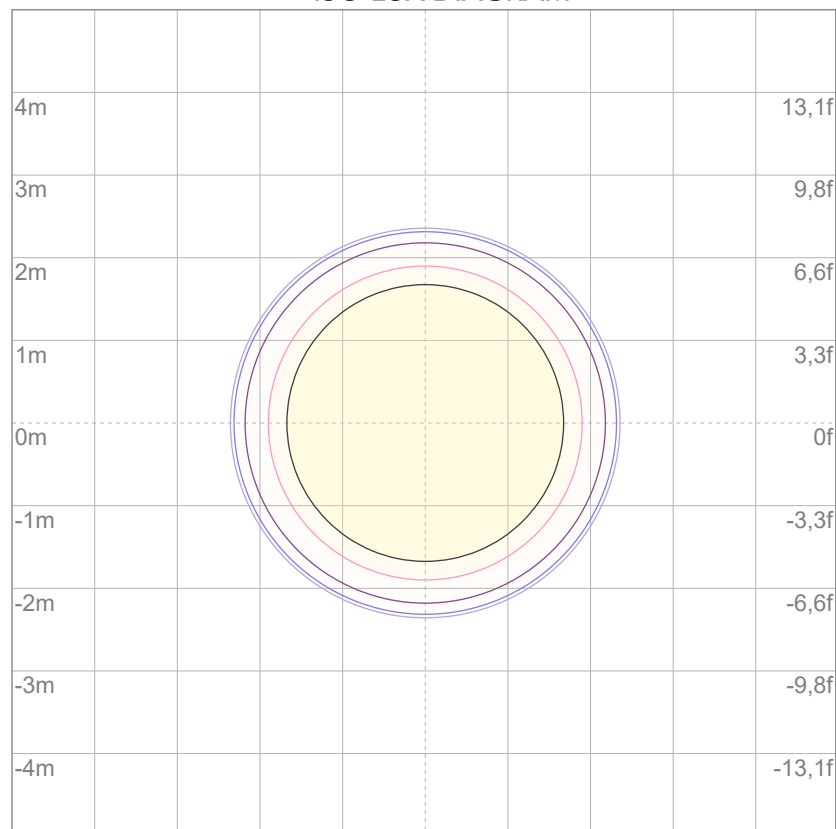
10%	1786 cd
20%	3572 cd
30%	5357 cd
40%	7143 cd
50%	8929 cd
60%	10715 cd
70%	12501 cd
80%	14287 cd

Conditions:

Number of c-planes: 2

Candela at center: 17858 cd

ISO LUX DIAGRAM



3%	5,36 lx
5%	8,93 lx
10%	17,9 lx
30%	53,6 lx
50%	89,3 lx

Conditions:

Number of c-planes: 2

Lux at center: 179 lx

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



Total lumen output:

1083 lm

Peak candela output:

233782 cd

Light quality:

CRI: 62,8

Color temperature:

6039 K

PRODUCT NAME:

JETWASH7

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

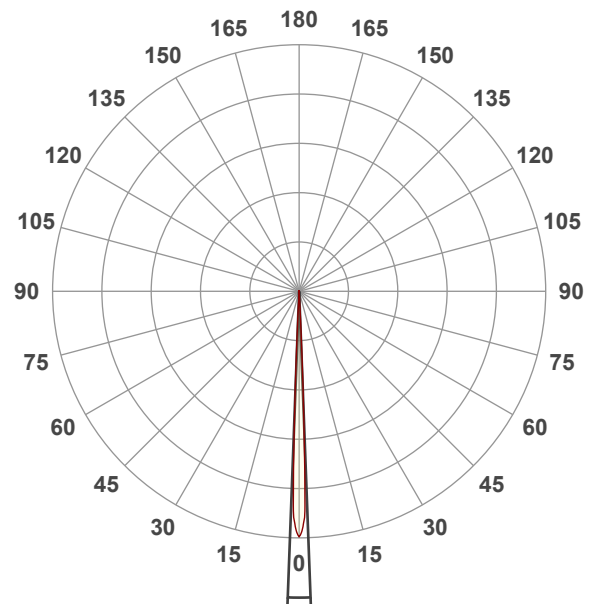
6000K

Operator:

Paolo Carvone

Date and time:

05/04/2022 16:47:29

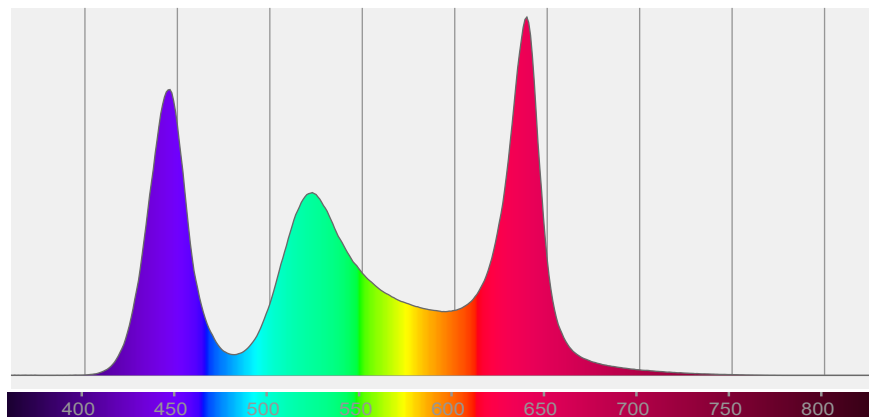


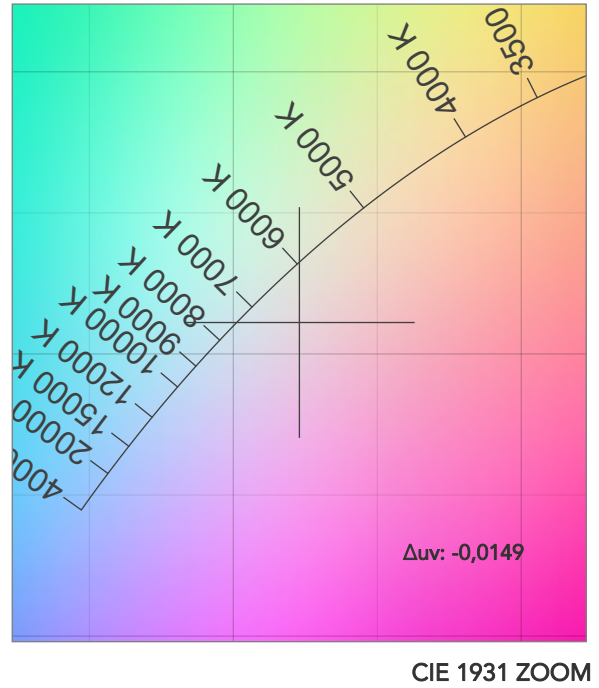
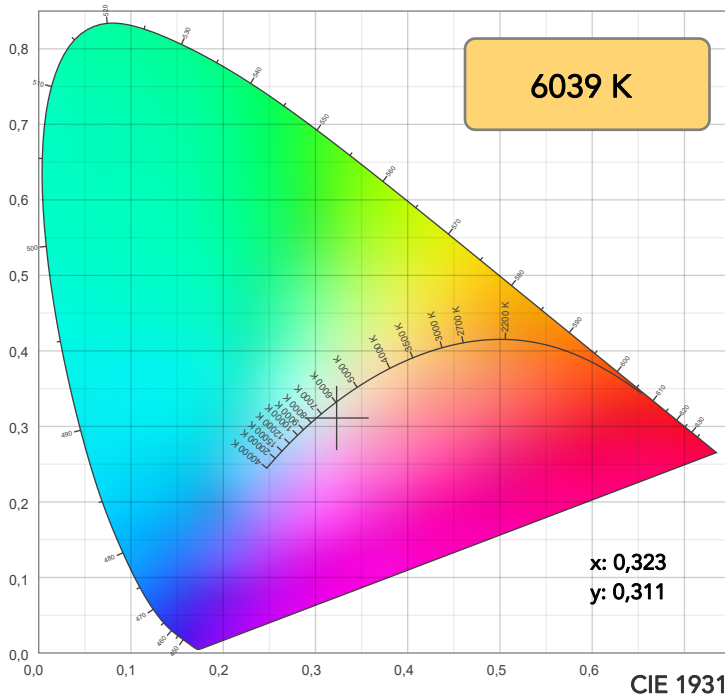
Beam angle 50%: 4,3°

Field angle 10%: 5,8°

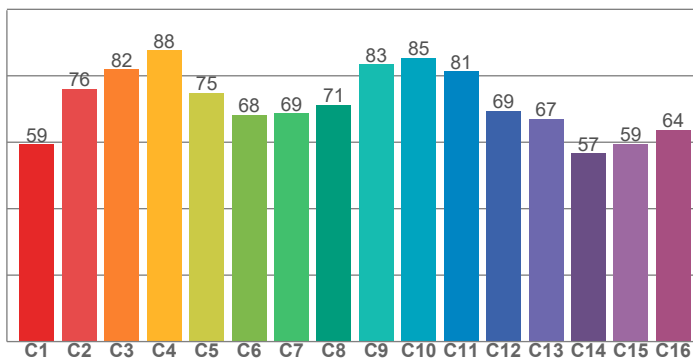
Cut off angle 2.5%: 6,3°

Spectra

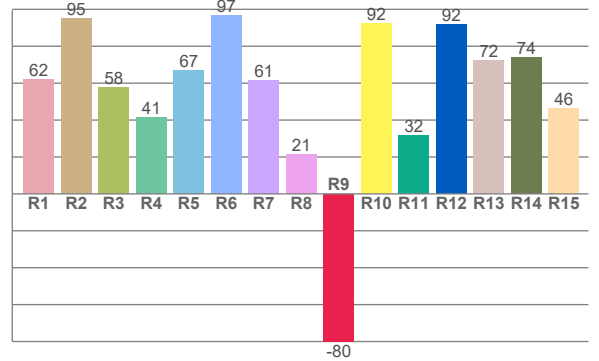




TM30: 73,3



CRI: 62,8 (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
61,9	95,0	57,7	41,4	66,7	96,9	61,4	21,4	-80,0	92,5	31,8	91,8	72,3	73,7	46,3

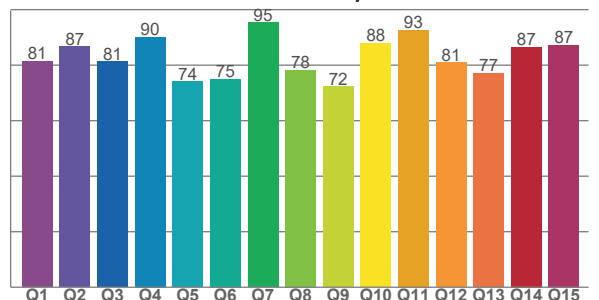
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
59,3	76,1	81,9	87,6	74,9	68,2	68,7	71,2	83,4	85,4	81,3	69,4	67,1	56,6	59,4	63,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,4	86,7	81,3	90,2	74,1	75,1	95,3	78,2	72,3	87,9	92,7	80,9	77,1	86,6	87,2

CQS: 81,8



COLOR PARAMETERS

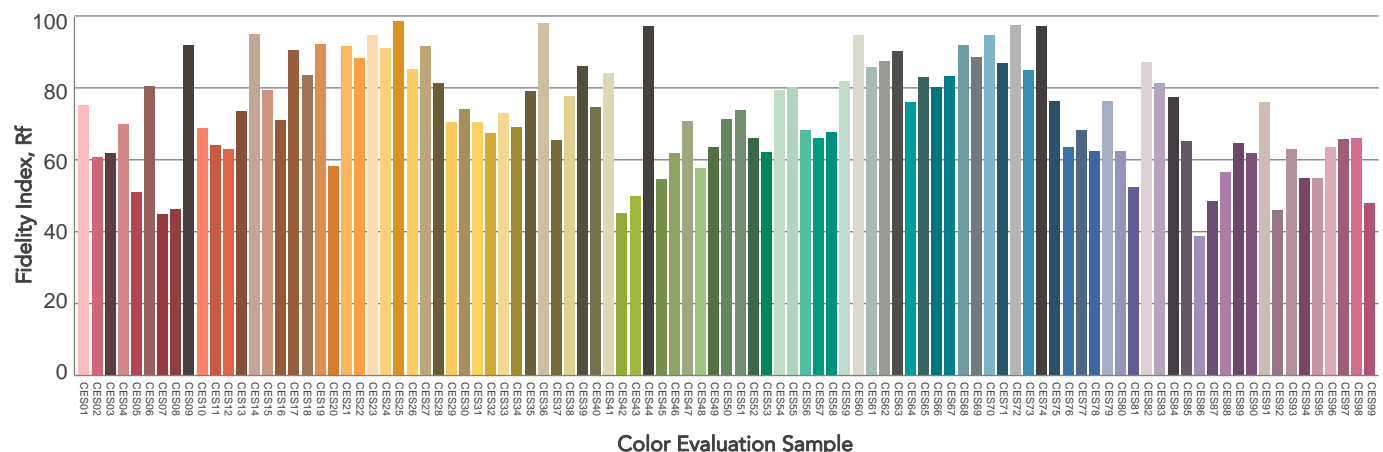
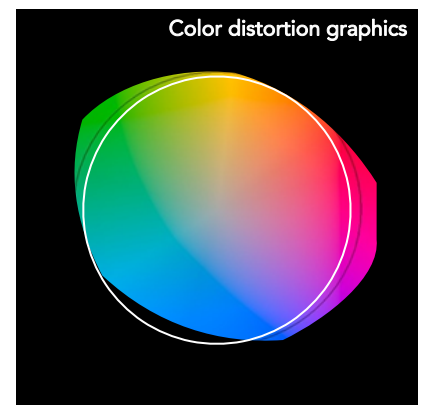
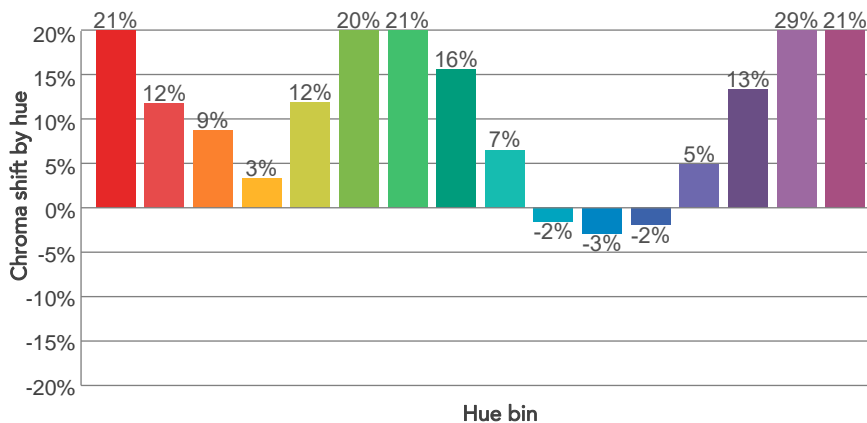
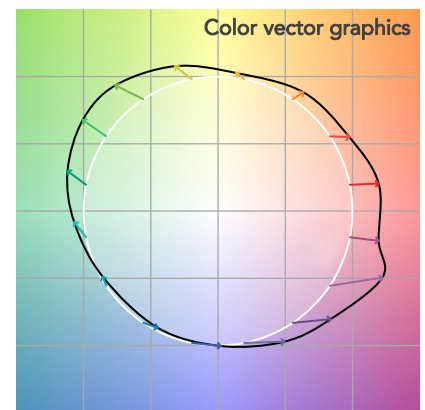
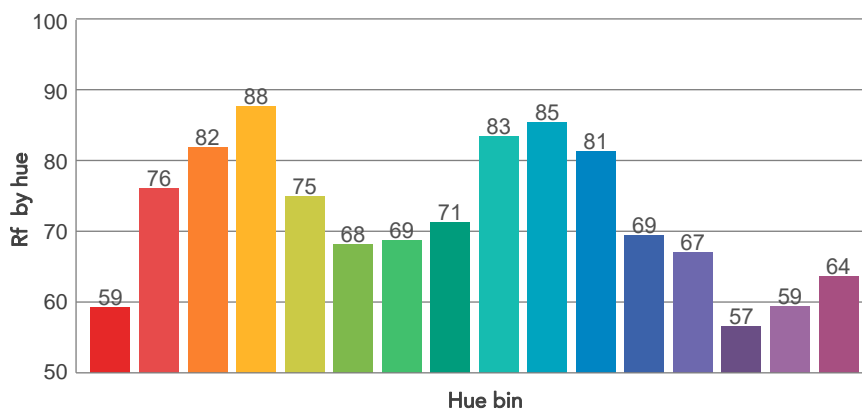
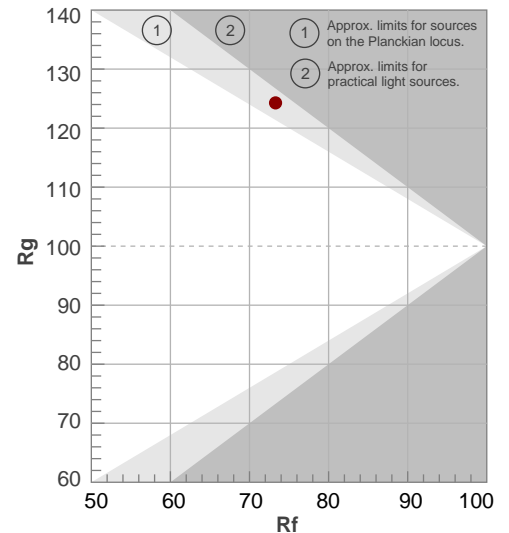
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6039 K	62,8	-80,0	73,3	124,3	81,8	49	0,323	0,311	-0,0149

TM30 DETAILS

Rf 73,3
Fidelity index Rf

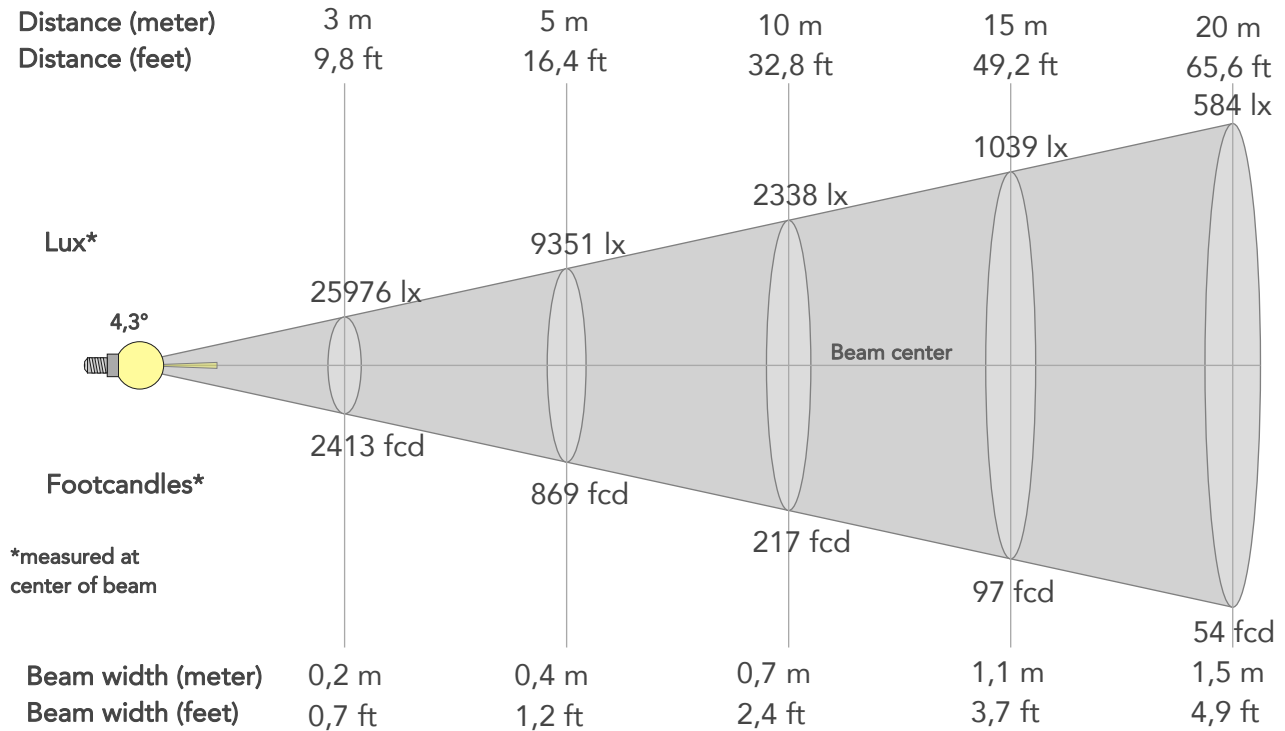
Rg 124,3
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	59	21%	-3%
2	76	12%	-9%
3	82	9%	-4%
4	88	3%	7%
5	75	12%	10%
6	68	20%	12%
7	69	21%	0%
8	71	16%	-7%
9	83	7%	-13%
10	85	-2%	-7%
11	81	-3%	11%
12	69	-2%	22%
13	67	5%	29%
14	57	13%	25%
15	59	29%	27%
16	64	21%	2%



BEAM DETAILS

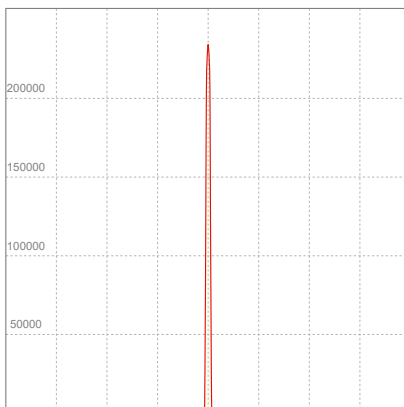
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,3°	5,8°	6,3°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	233782lx	58445lx	25976lx	14611lx	9351lx	4156lx	2338lx	1039lx	584lx	374lx	260lx	146lx	94lx
Footcand.	21719fcd	5430fcd	2413fcd	1357fcd	869fcd	386fcd	217fcd	97fcd	54fcd	35fcd	24fcd	14fcd	9fcd
Beam wid.	0,1m	0,1m	0,2m	0,3m	0,4m	0,6m	0,7m	1,1m	1,5m	1,9m	2,2m	3m	3,7m
Beam wid.	0,2ft	0,5ft	0,7ft	1ft	1,2ft	1,8ft	2,4ft	3,7ft	4,9ft	6,1ft	7,3ft	9,8ft	12,2ft

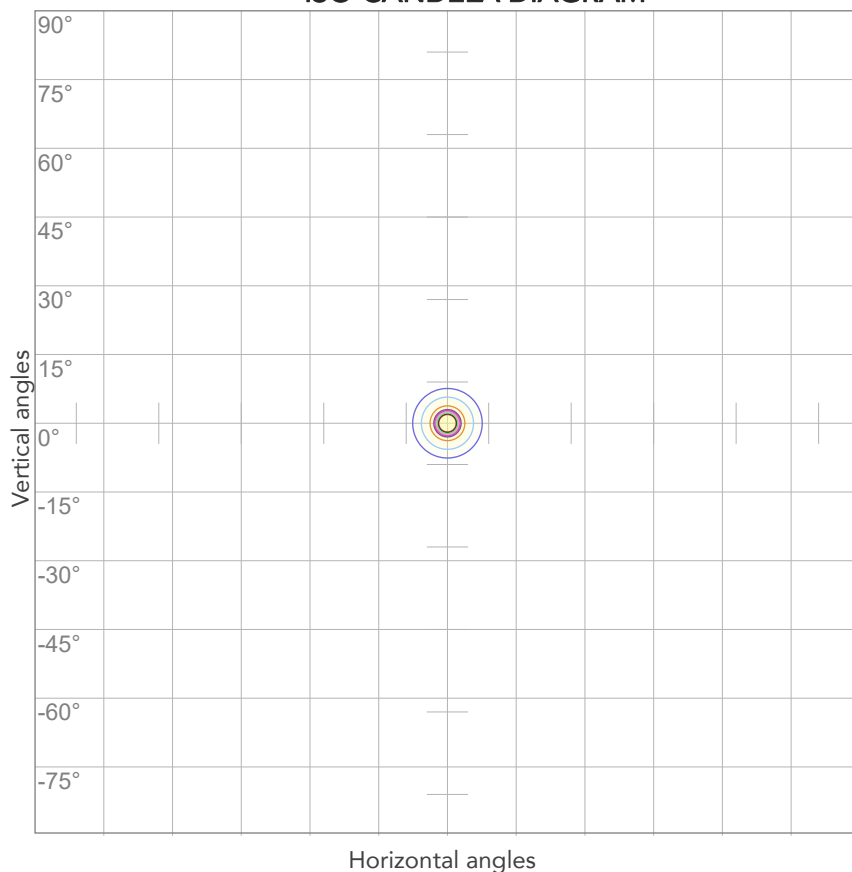
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,473A	96,8W	11lm/W

ISO CANDELA DIAGRAM



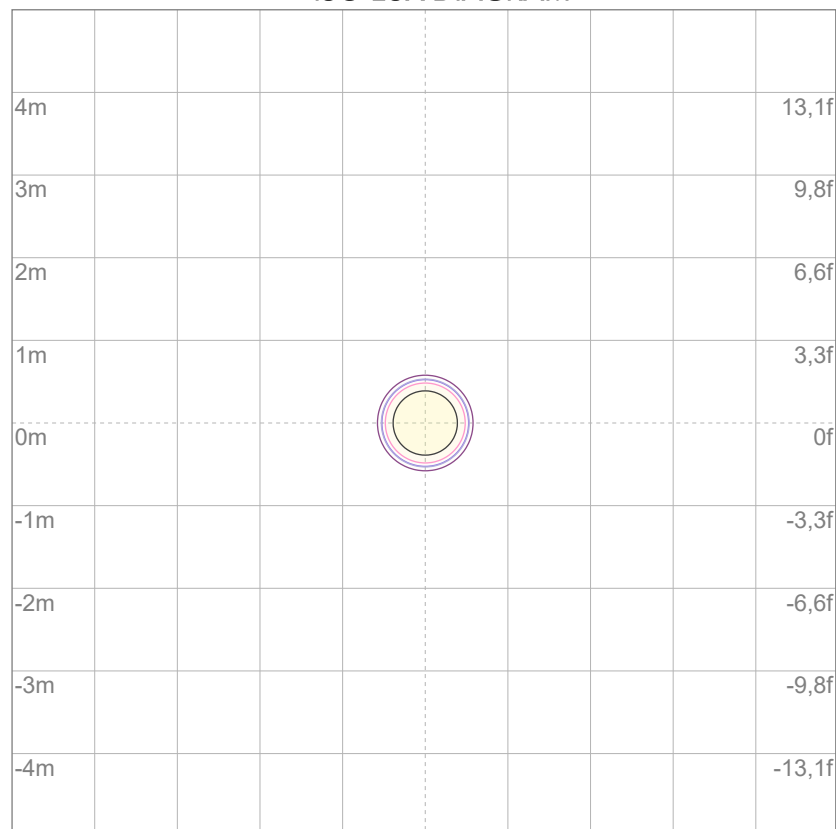
10%	23378 cd
20%	46756 cd
30%	70135 cd
40%	93513 cd
50%	116891 cd
60%	140269 cd
70%	163647 cd
80%	187026 cd

Conditions:

Number of c-planes: 2

Candela at center: 233782 cd

ISO LUX DIAGRAM



3%	70,1 lx
5%	117 lx
10%	234 lx
30%	701 lx
50%	1169 lx

Conditions:

Number of c-planes: 2

Lux at center: 2338 lx

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