

Photometric Test Report



Gallery WashDATFC

60W RGB+WW LED asymmetric gallery wall wash with onboard PSU and DMX/RDM

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TESTING PROCESS

Prolights has its own optical testing laboratory in order to provide accurate photometric reports for its lighting products. The testing laboratory contains certain variety of precise lighting measurement systems that ensure an optimal reading of all the characteristic parameters of the lighting devices. All measurements are made at a controlled room temperature of 20°C without any external light sources. This photometric report is obtained through the data measured by a high precision measurement system and analyzed by a dedicate software.

Prolights measurement instrument

Prolights measurement instrument is a complete measurement system for any light source. It's equipped with two-axis goniometer, that enables to measure the full 3D distribution field of the light source. This instrument measures the light intensity, the beam angle and the most significative colors parameters, like color temperature, spectral distribution, CRI, CQS, TM-30 with a very high accuracy rate.

Please Note: All measurements are made with light source at operating temperature. Before starting the measurement, the instrument analyzes the process of the light source during the heating phase. The measuring process of all the parameters begins only when the light emission is stable, that is with a variation of less than 0.5% in a 15 minutes time frame.

Prolights measurement software

The software provides user friendly interface for the operator who does the measurements, and it also analyzes and processes all the collected data by the instrument. With this software it is possible to see the measured data in real-time and it is possible to examine all the measured data and graphics afterwards as well. All information is collected in a specific Prolights template, and the software creates also IES and LDT files, which are widely used to transfer the photometric data, and to develop lighting system.

Additionally, the fixtures are rechecked using various hand-held instruments like Sekonic C-700 and Gossen Mavospec Base, this is done to ensure, that the data in the photometric report are as accurate as possible.



Total lumen output:

2582 lm

Peak candela output:

1364 cd

Light quality:

CRI: 91,3

Color temperature:

6795 K

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

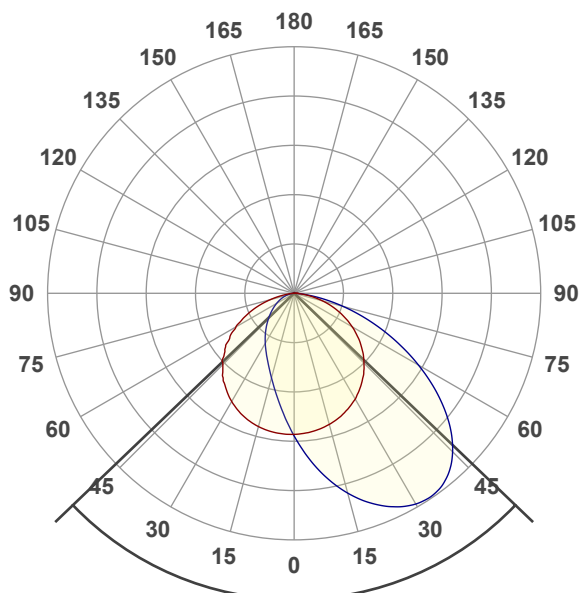
Full On

Operator:

Salvatore Giglio

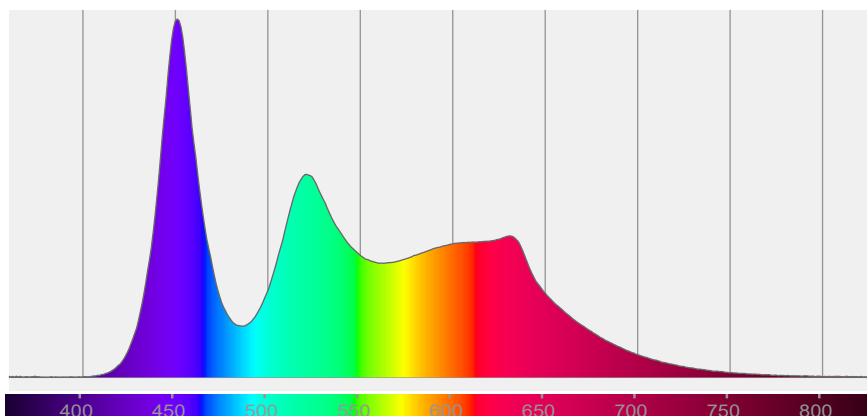
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05/02/2025 12:11:07

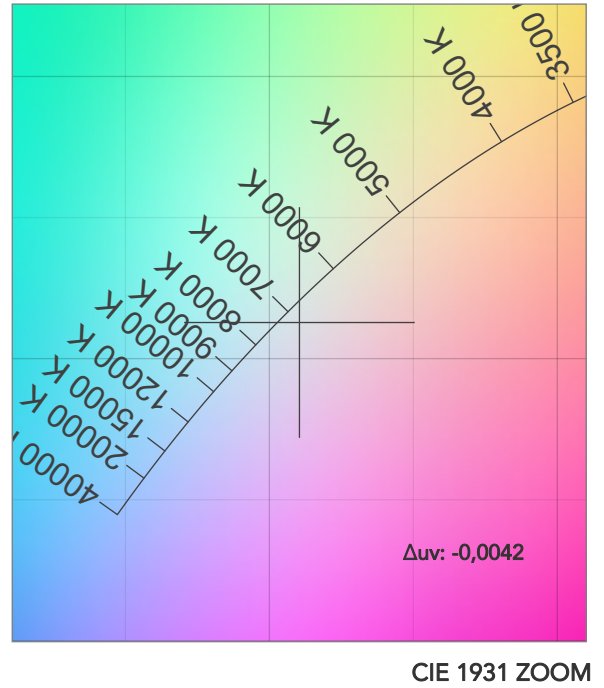
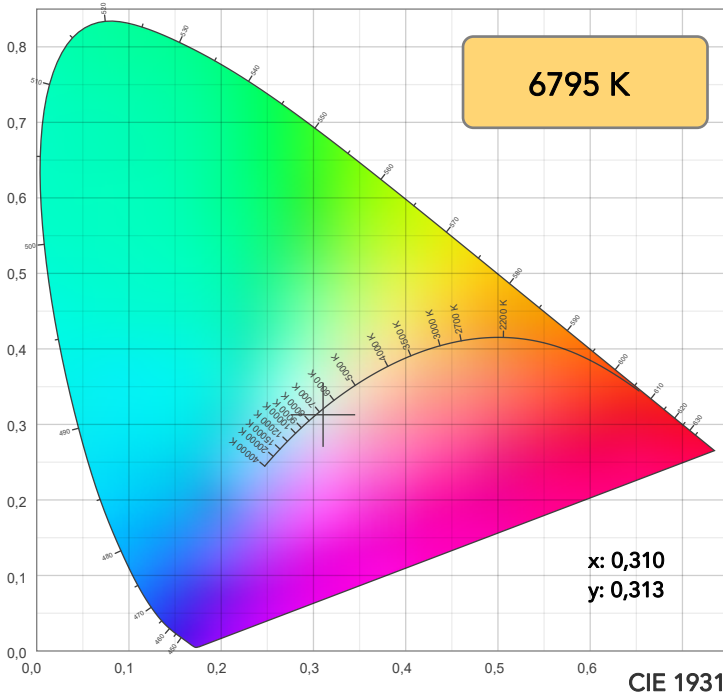


	Blue curve V	Red curve H
Beam angle 50%:	67,9°	117°
Field angle 10%:	135,8°	160,4°
Cut off angle 2.5%:	162,6°	171,4°

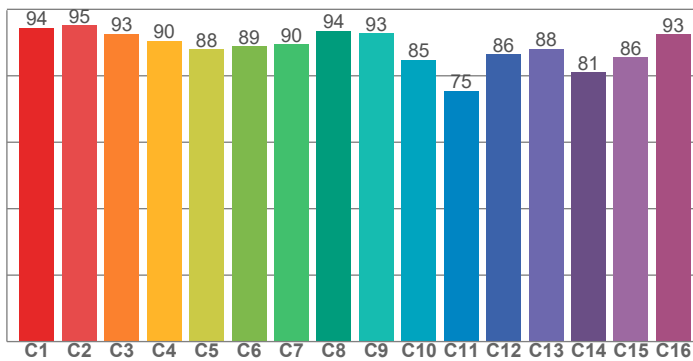
Spectra



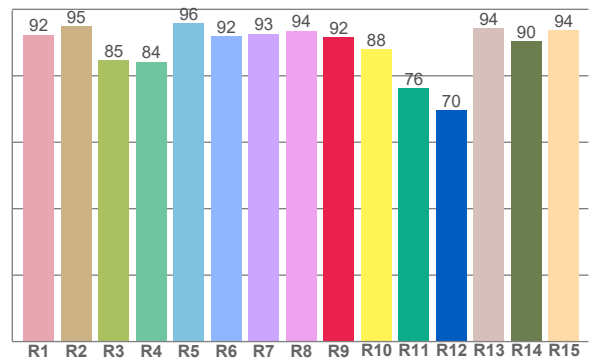
COLOR DETAILS



TM30: 89,0



CRI: 91,3 (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
92,4	94,9	84,8	84,2	95,8	91,9	92,7	93,6	91,6	88,0	76,3	69,8	94,4	90,4	93,8

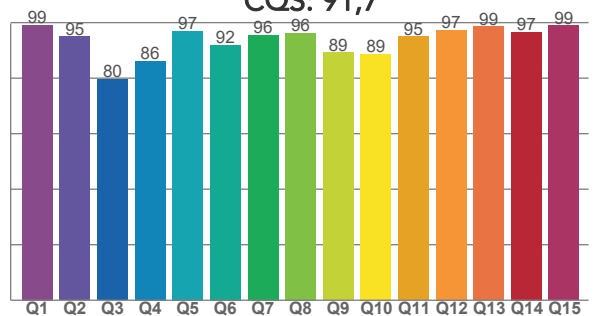
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,4	95,2	92,7	90,5	87,9	88,9	89,6	93,6	92,7	84,8	75,4	86,4	88,1	81,1	85,6	92,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
99,2	95,0	79,6	86,2	96,9	91,9	95,6	96,2	89,2	88,8	94,9	97,4	98,6	96,7	99,0

CQS: 91,7



COLOR PARAMETERS

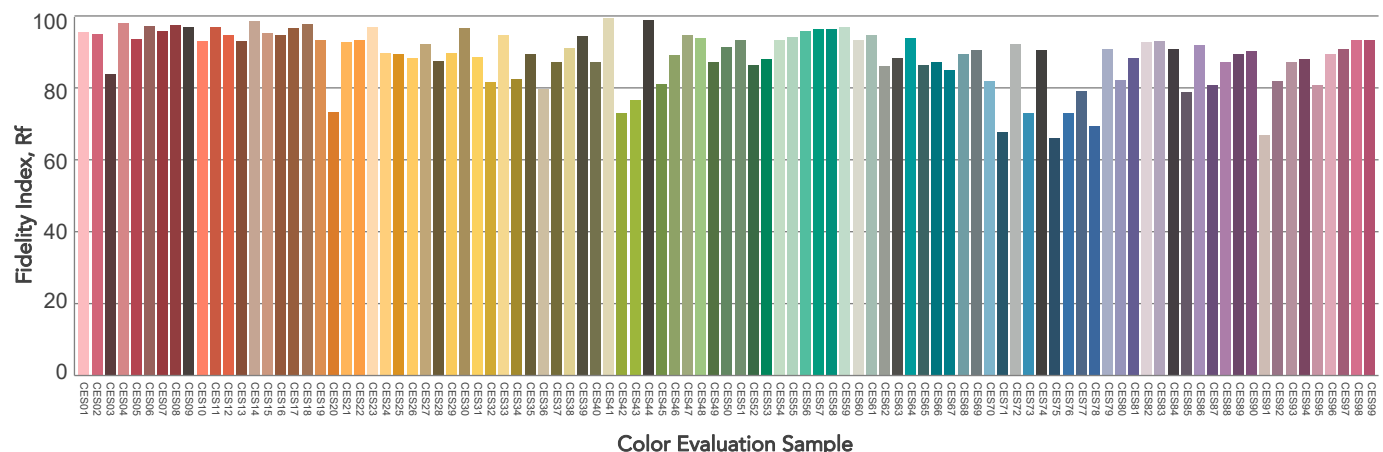
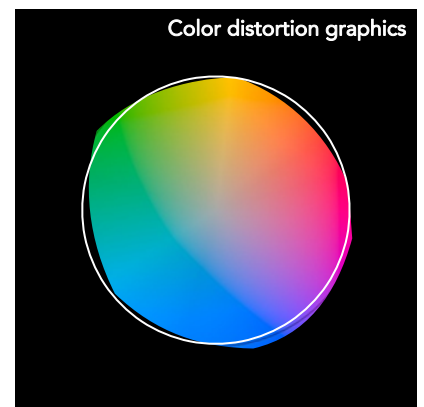
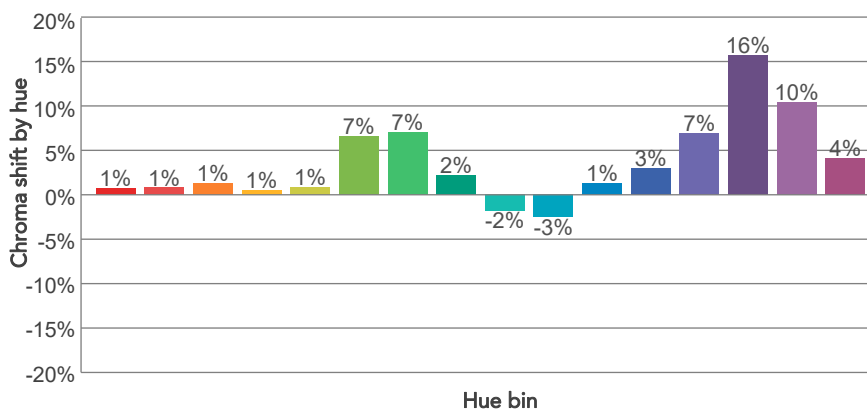
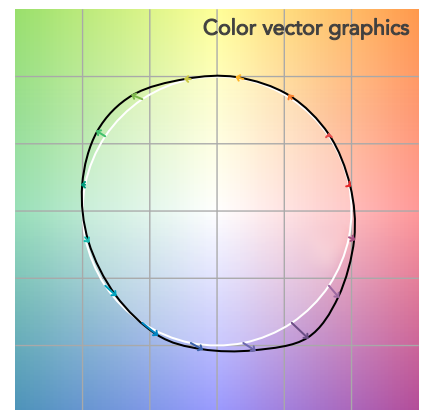
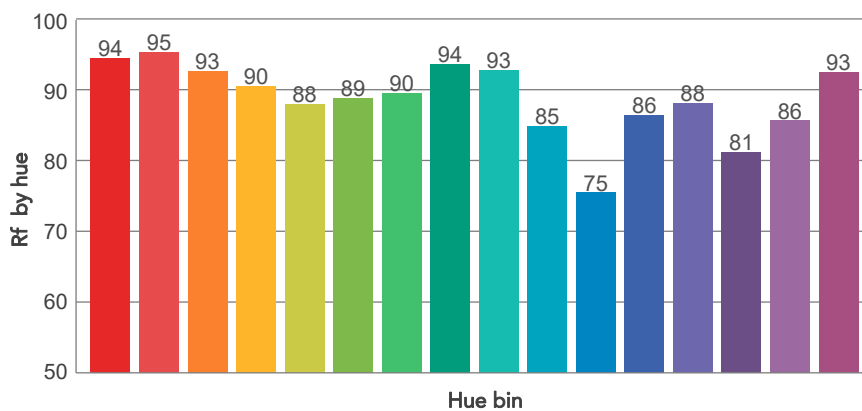
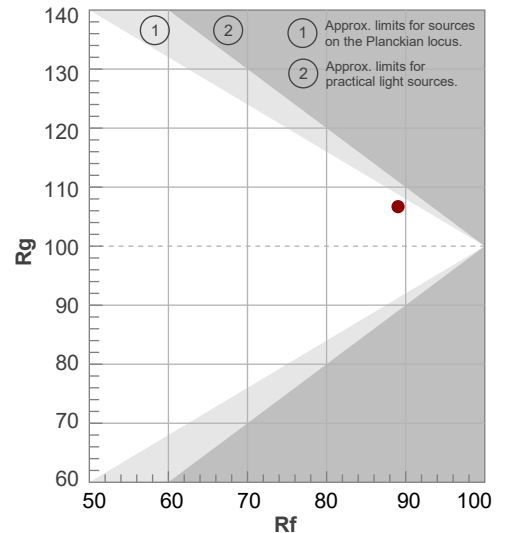
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6795 K	91,3	91,6	89,0	106,7	91,7	91	0,310	0,313	-0,0042

TM30 DETAILS

Rf 89,0
Fidelity index Rf

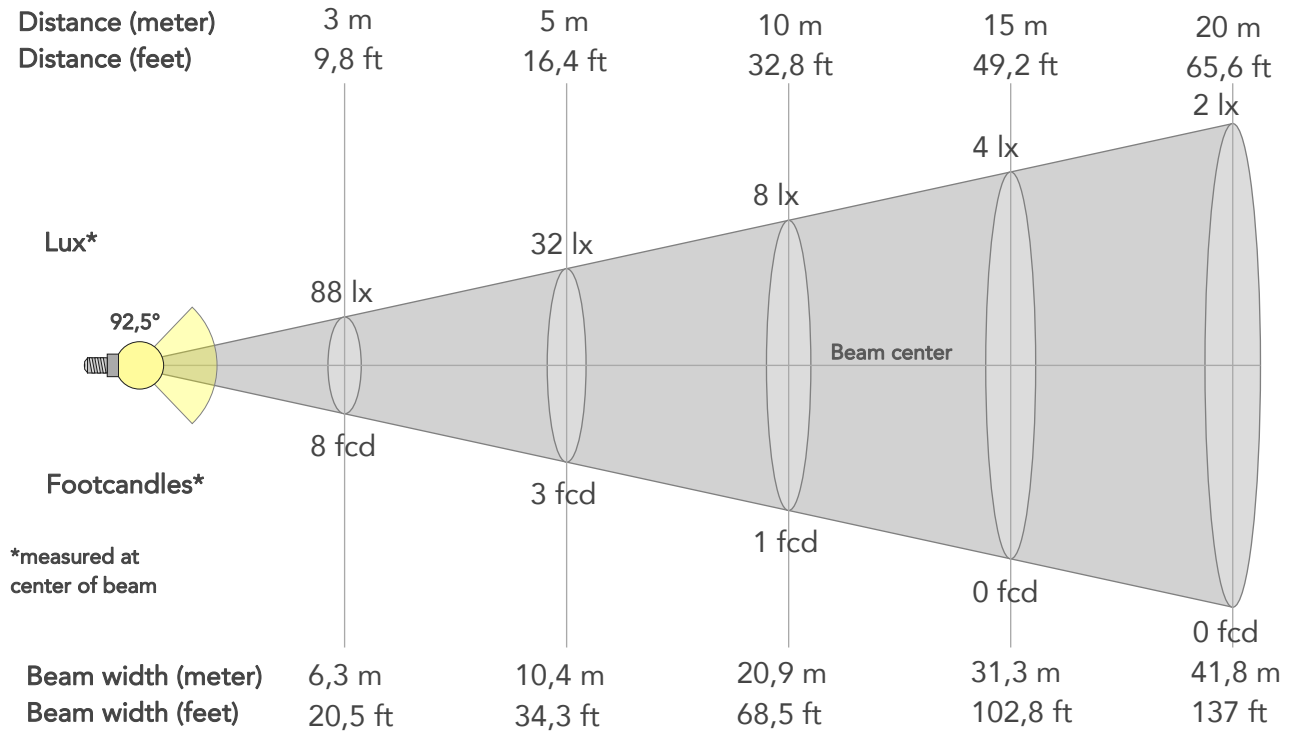
Rg 106,7
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	1%	-1%
2	95	1%	1%
3	93	1%	3%
4	90	1%	5%
5	88	1%	4%
6	89	7%	4%
7	90	7%	0%
8	94	2%	0%
9	93	-2%	4%
10	85	-3%	10%
11	75	1%	14%
12	86	3%	9%
13	88	7%	7%
14	81	16%	4%
15	86	10%	-3%
16	93	4%	-1%



BEAM DETAILS

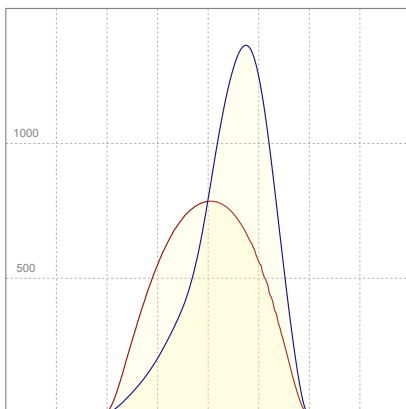
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
92,5°	148,1°	167°	79,7%	52,9%



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	790lx	197lx	88lx	49lx	32lx	14lx	8lx	4lx	2lx	1lx	1lx	0lx	0lx
Footcand.	73fcd	18fcd	8fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,1m	4,2m	6,3m	8,4m	10,4m	15,7m	20,9m	31,3m	41,8m	52,2m	62,7m	83,6m	104,4m
Beam wid.	6,9ft	13,8ft	20,5ft	27,4ft	34,3ft	51,4ft	68,5ft	102,8ft	137ft	171,3ft	205,5ft	274,1ft	342,6ft

LINEAR DISTRIBUTION DIAGRAM

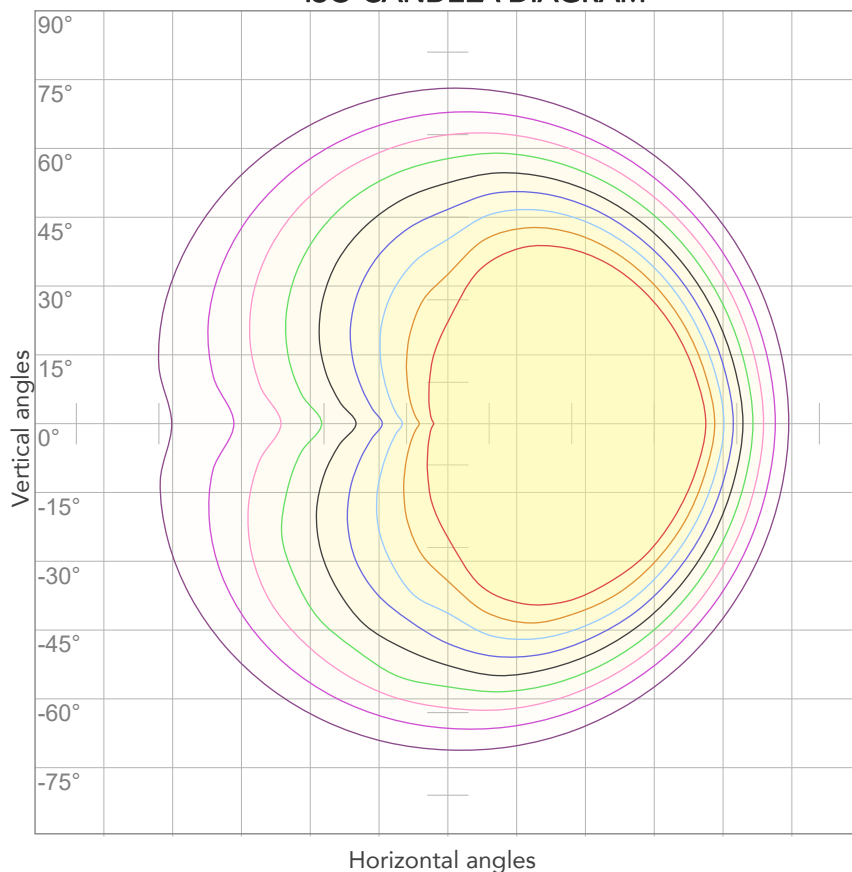


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,235A	51,7W	0,96	50lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



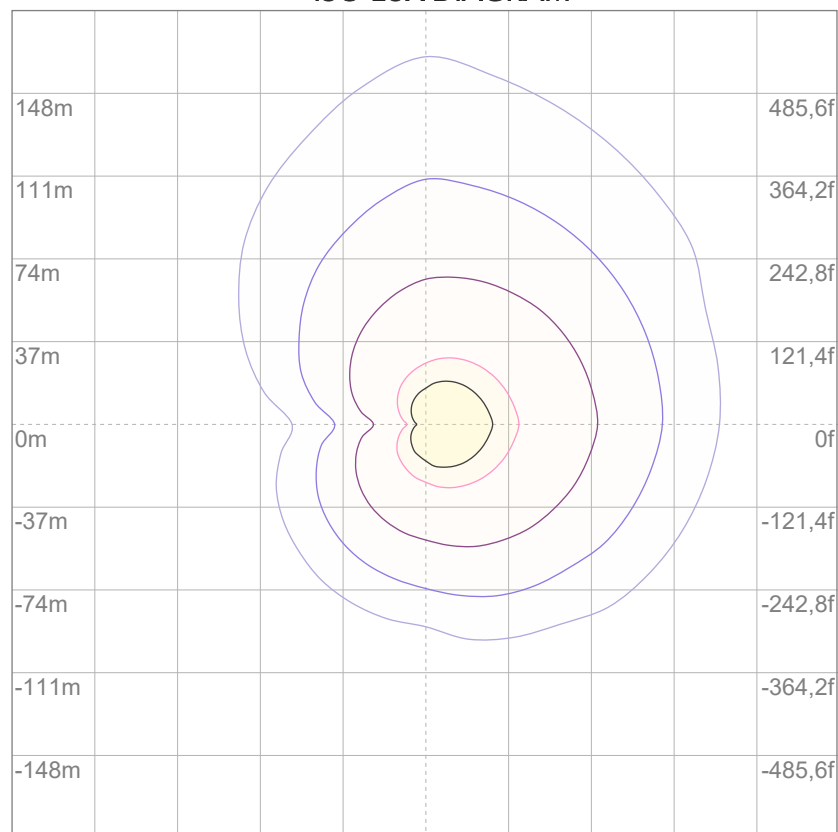
10%	79 cd
20%	158 cd
30%	237 cd
40%	316 cd
50%	395 cd
60%	474 cd
70%	553 cd
80%	632 cd

Conditions:

Number of c-planes: 4

Candela at center: 790 cd

ISO LUX DIAGRAM



3%	0,237 lx
5%	0,395 lx
10%	0,790 lx
30%	2,37 lx
50%	3,95 lx

Conditions:

Number of c-planes: 4

Lux at center: 7,90 lx

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



Total lumen output:

2673 lm

Peak candela output:

974 cd

Light quality:

CRI: 91,0

Color temperature:

6710 K

PRODUCT NAME:

Gallery WashDATFC

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

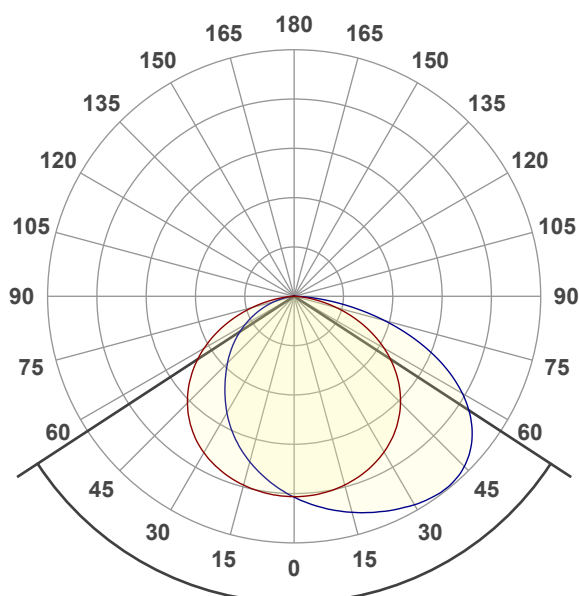
Full On

Operator:

Salvatore Giglio

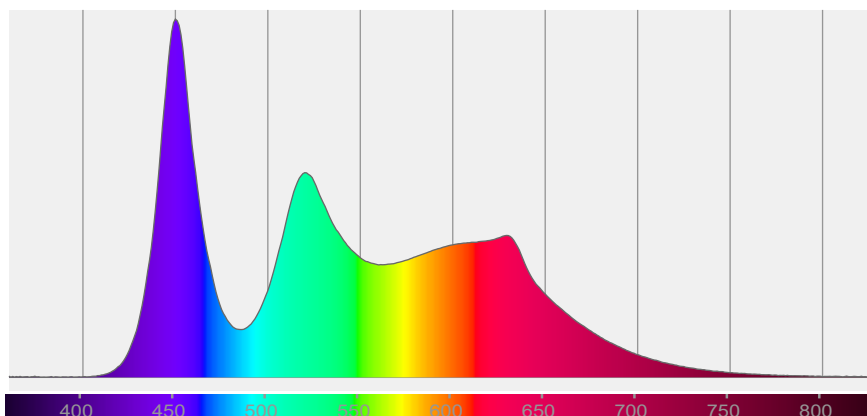
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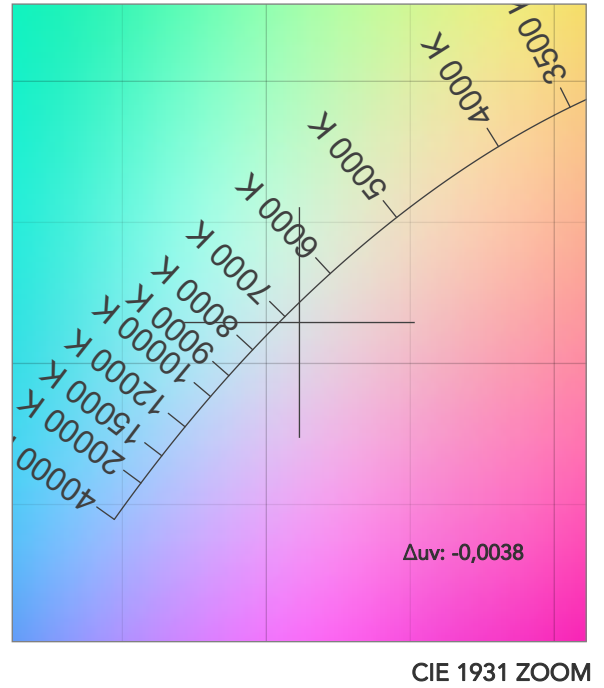
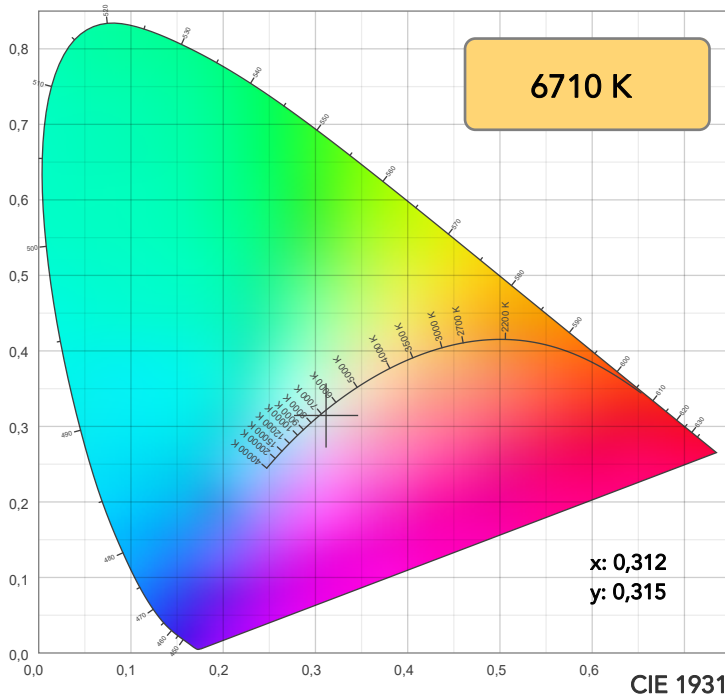


	Blue curve V	Red curve H
Beam angle 50%:	105,5°	122°
Field angle 10%:	157,5°	162°
Cut off angle 2.5%:	170,4°	172,1°

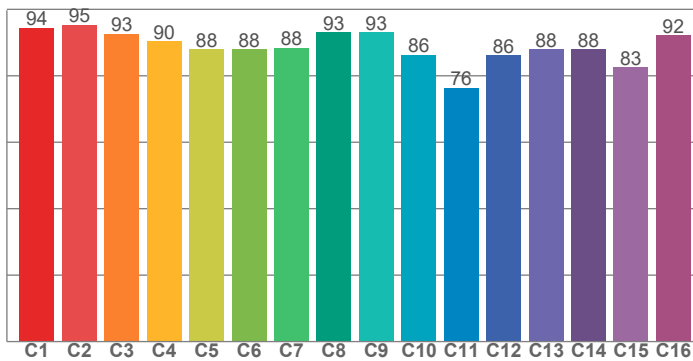
Spectra



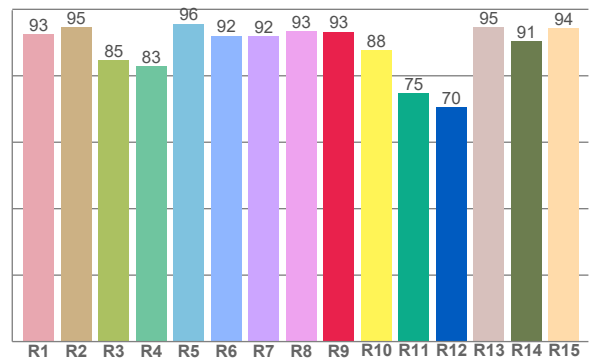
COLOR DETAILS



TM30: 88,9



CRI: 91,0 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92,6	94,7	84,8	83,0	95,7	92,1	92,0	93,5	93,3	87,8	74,7	70,4	94,7	90,5	94,3

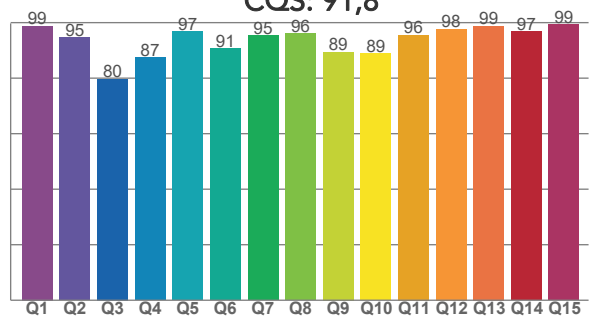
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,4	95,3	92,6	90,4	88,0	88,0	88,4	93,1	93,1	86,3	76,4	86,2	87,9	87,9	82,5	92,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,8	94,7	79,7	87,5	96,7	90,8	95,4	96,0	89,4	88,9	95,6	97,8	98,8	96,9	99,3

CQS: 91,8



COLOR PARAMETERS

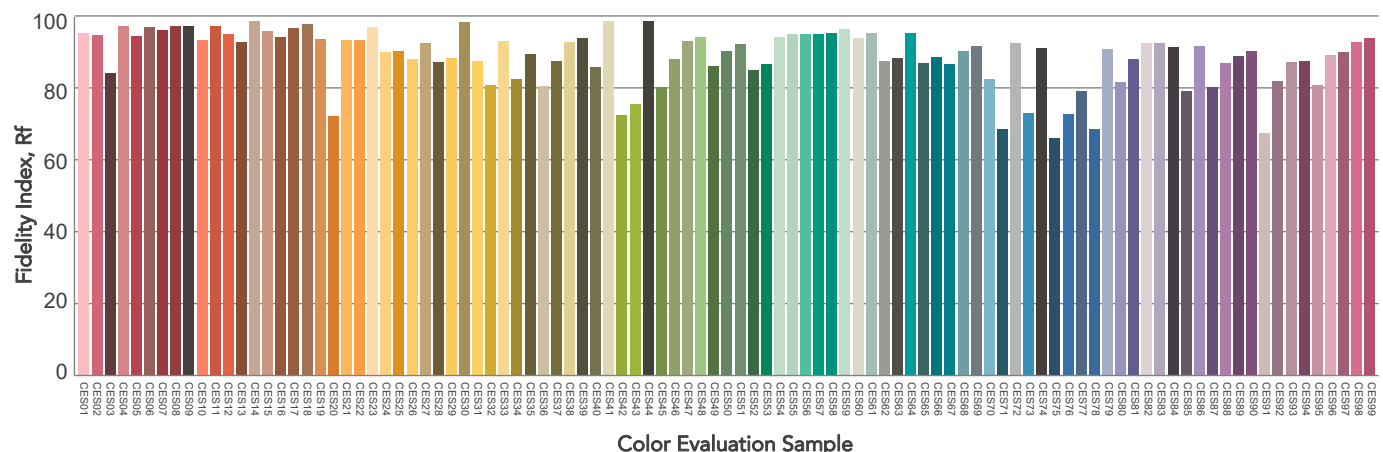
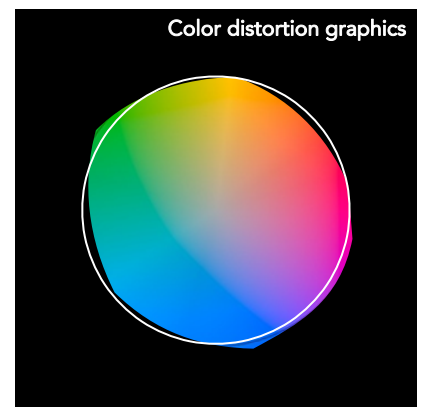
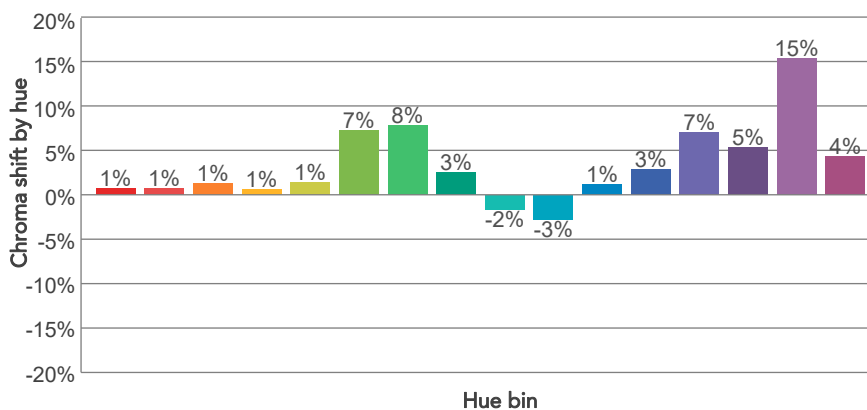
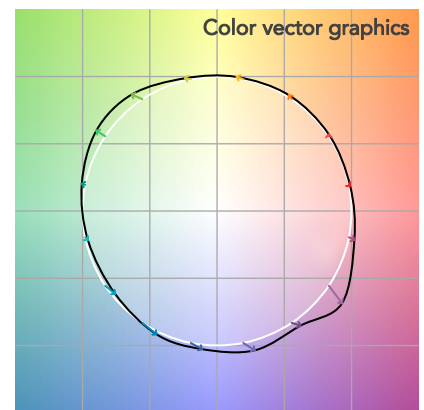
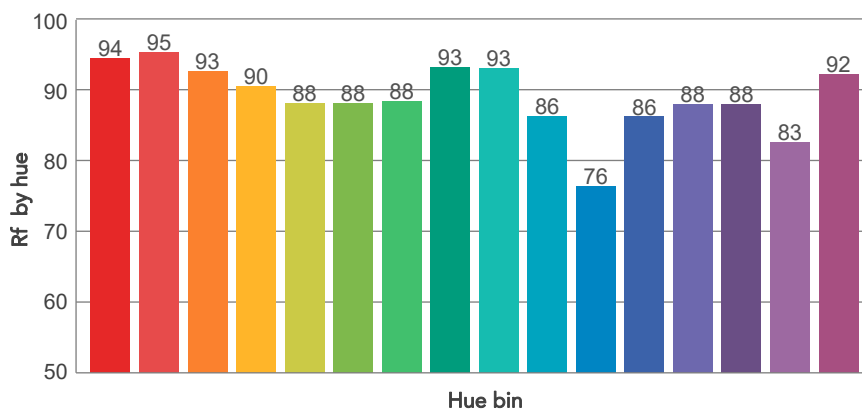
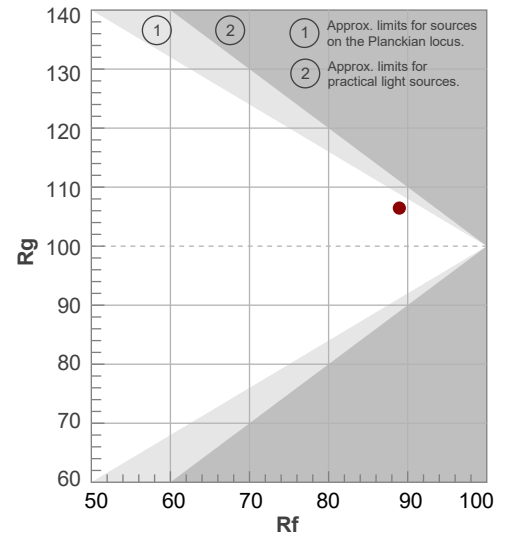
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6710 K	91,0	93,3	88,9	106,5	91,8	90	0,312	0,315	-0,0038

TM30 DETAILS

Rf 88,9
Fidelity index Rf

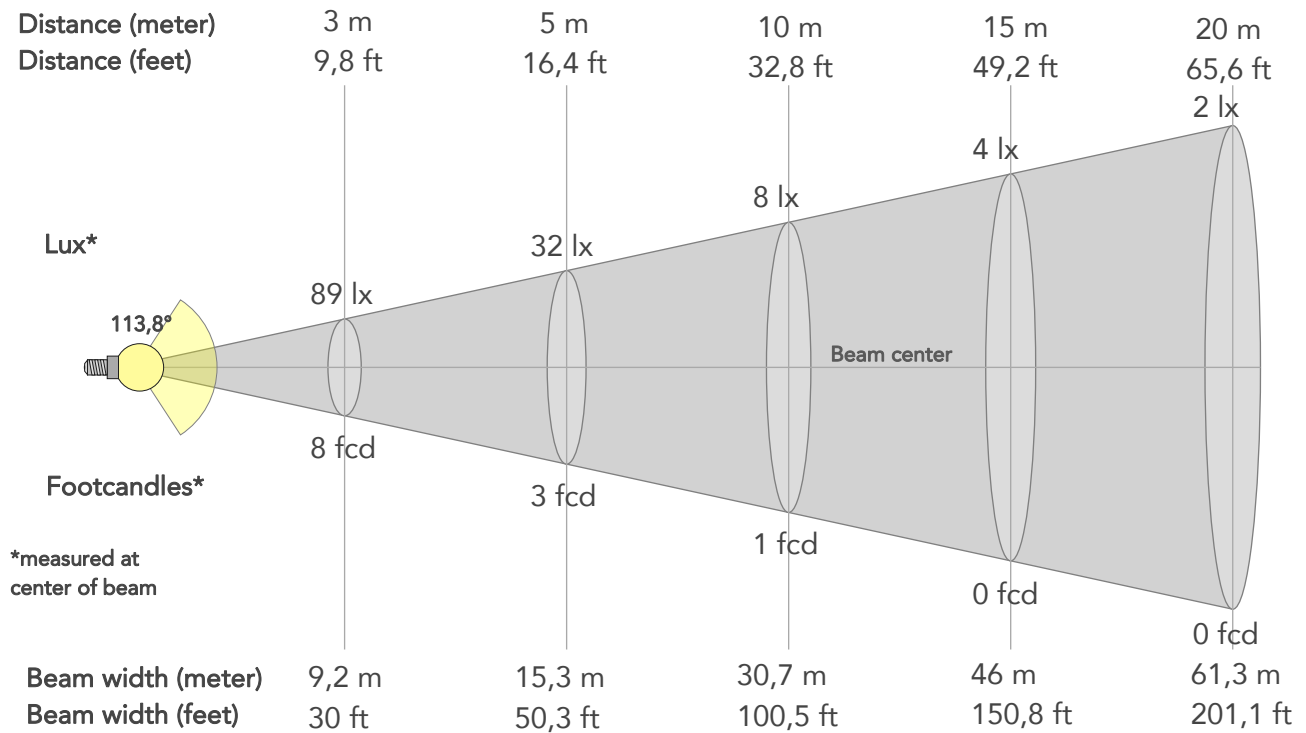
Rg 106,5
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	1%	-1%
2	95	1%	1%
3	93	1%	3%
4	90	1%	5%
5	88	1%	4%
6	88	7%	5%
7	88	8%	0%
8	93	3%	0%
9	93	-2%	2%
10	86	-3%	9%
11	76	1%	13%
12	86	3%	9%
13	88	7%	7%
14	88	5%	4%
15	83	15%	-5%
16	92	4%	-1%



BEAM DETAILS

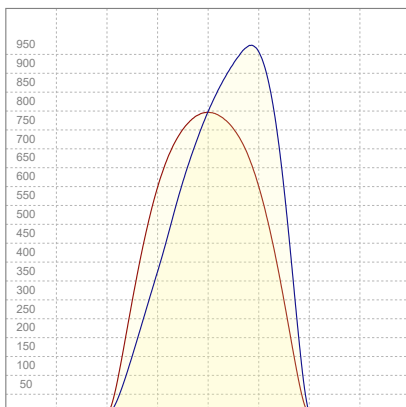
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
113,8°	159,8°	171,2°	76,4%	49,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	797lx	199lx	89lx	50lx	32lx	14lx	8lx	4lx	2lx	1lx	1lx	0lx	0lx
Footcand.	74fcd	19fcd	8fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,1m	6,1m	9,2m	12,3m	15,3m	23m	30,7m	46m	61,3m	76,6m	92m	122,6m	153,3m
Beam wid.	10,1ft	20,2ft	30ft	40,2ft	50,3ft	75,4ft	100,5ft	150,8ft	201,1ft	251,4ft	301,6ft	402,2ft	502,7ft

LINEAR DISTRIBUTION DIAGRAM

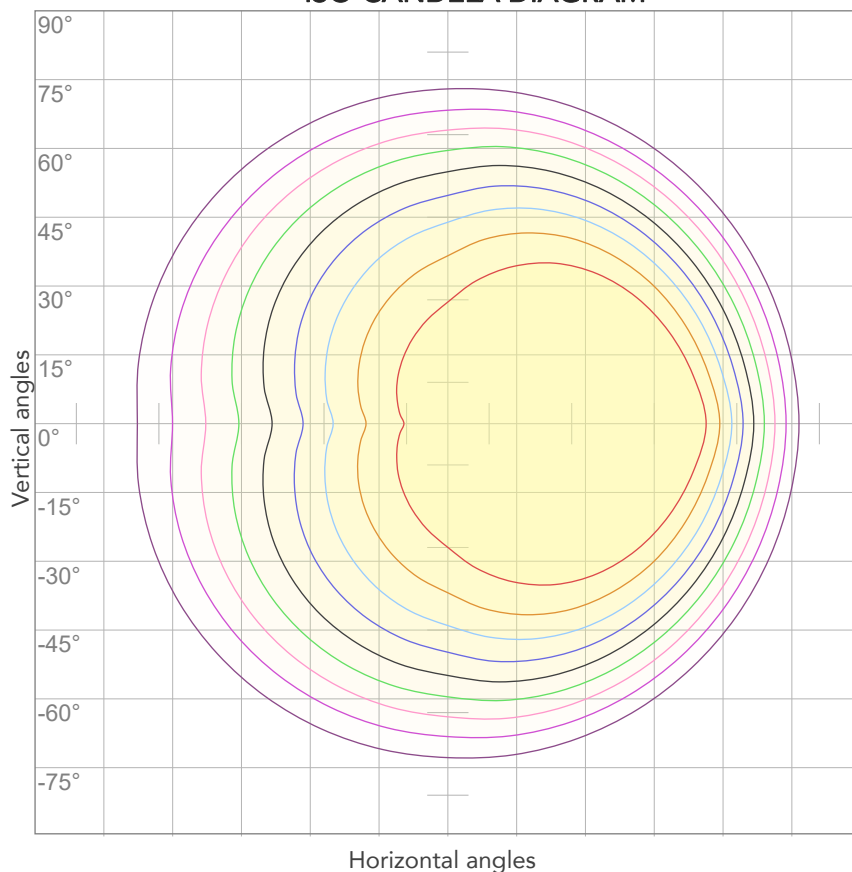


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,241A	53,2W	0,96	50lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



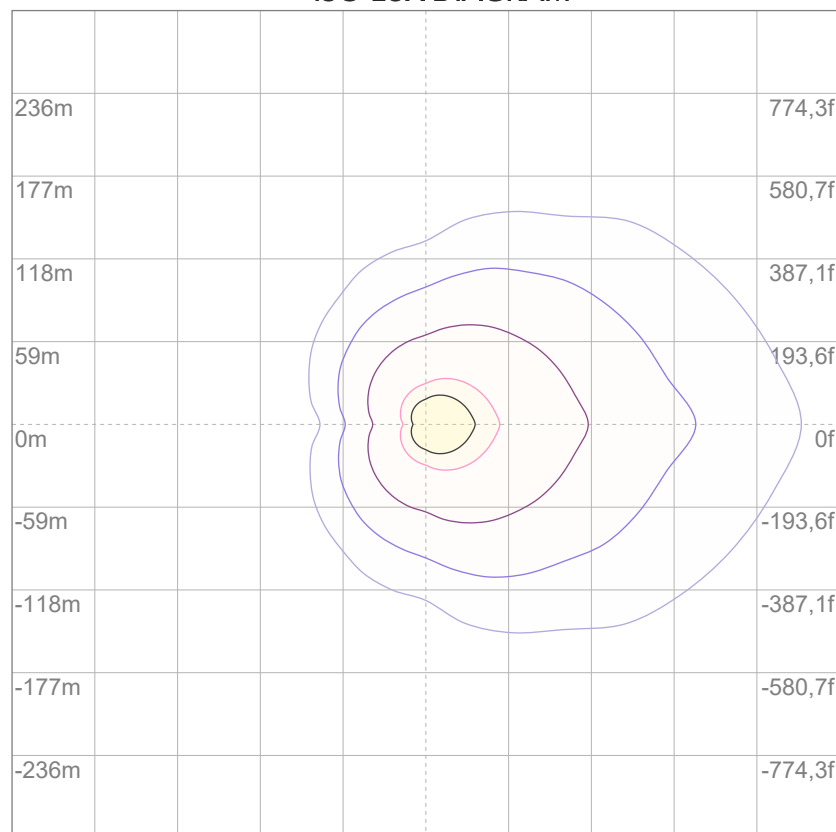
10%	80 cd
20%	159 cd
30%	239 cd
40%	319 cd
50%	399 cd
60%	478 cd
70%	558 cd
80%	638 cd

Conditions:

Number of c-planes: 4

Candela at center: 797 cd

ISO LUX DIAGRAM



3%	0,239 lx
5%	0,399 lx
10%	0,797 lx
30%	2,39 lx
50%	3,99 lx

Conditions:

Number of c-planes: 4

Lux at center: 7,97 lx

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



Total lumen output:

831 lm

Peak candela output:

416 cd

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

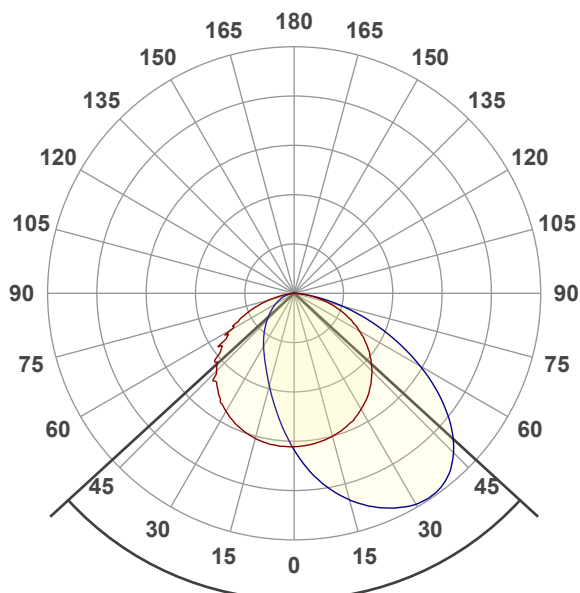
Red

Operator:

Salvatore Giglio

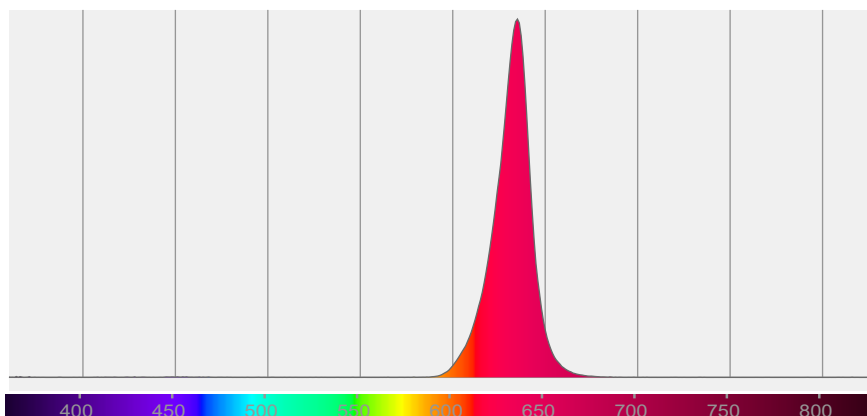
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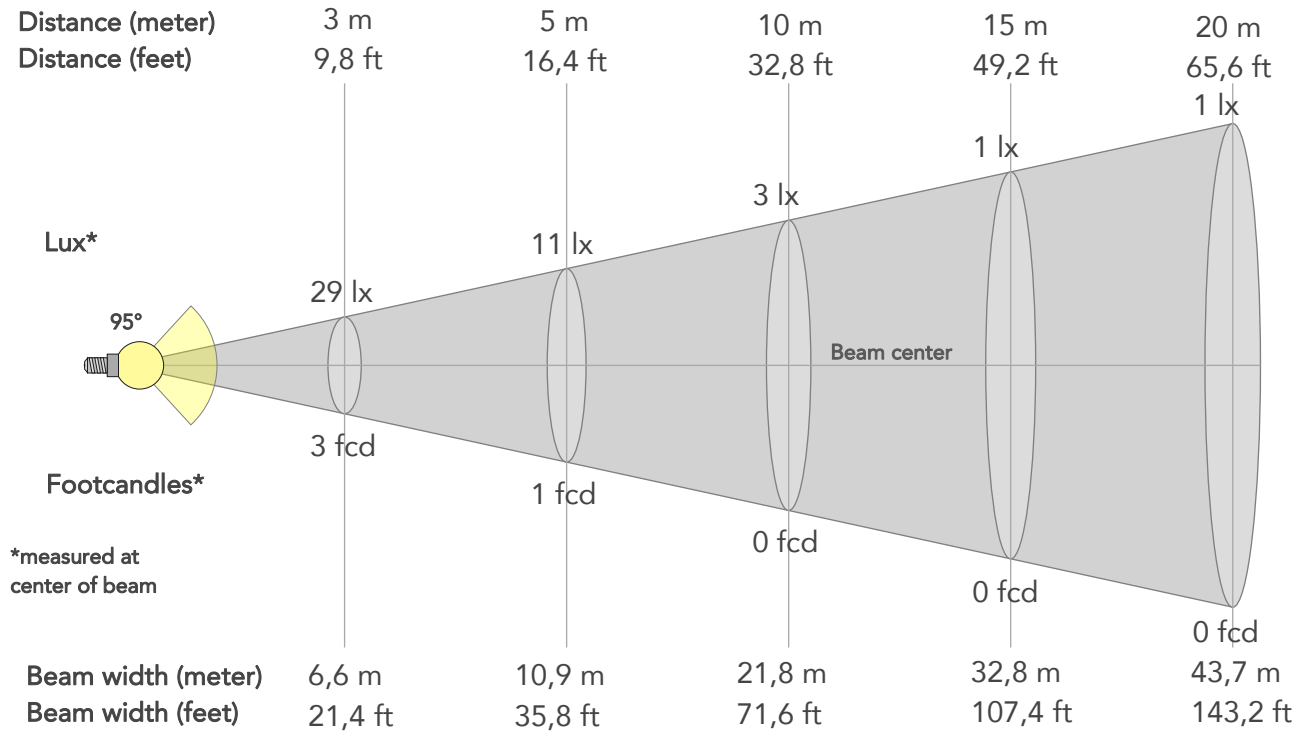
	Blue curve V	Red curve H
Beam angle 50%:	71,2°	118,8°
Field angle 10%:	136,8°	160,5°
Cut off angle 2.5%:	162,9°	171,3°

Spectra



BEAM DETAILS

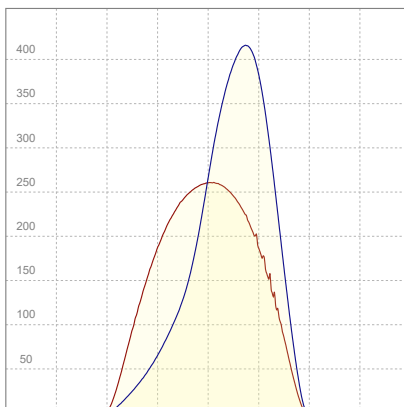
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
95°	148,6°	167,1°	79,7%	52,9%



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	263lx	66lx	29lx	16lx	11lx	5lx	3lx	1lx	1lx	0lx	0lx	0lx	0lx
Footcand.	24fcd	6fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,2m	4,4m	6,6m	8,7m	10,9m	16,4m	21,8m	32,8m	43,7m	54,6m	65,5m	87,3m	109,2m
Beam wid.	7,2ft	14,4ft	21,4ft	28,6ft	35,8ft	53,7ft	71,6ft	107,4ft	143,2ft	179ft	214,8ft	286,5ft	358,1ft

LINEAR DISTRIBUTION DIAGRAM

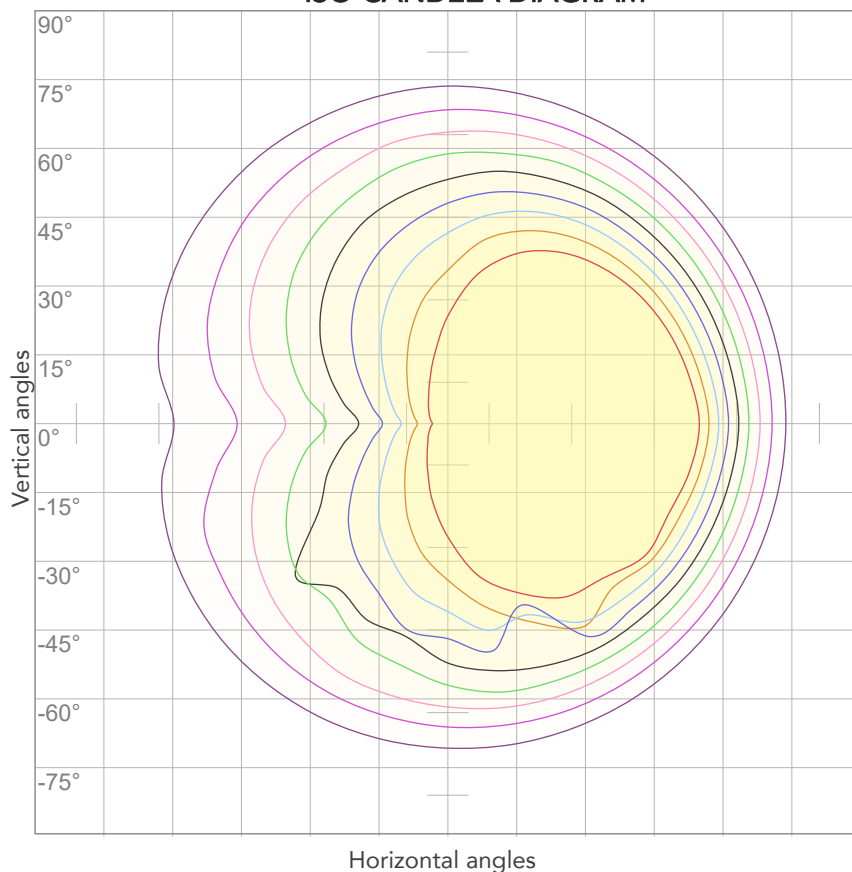


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,133A	26,7W	0,88	31lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



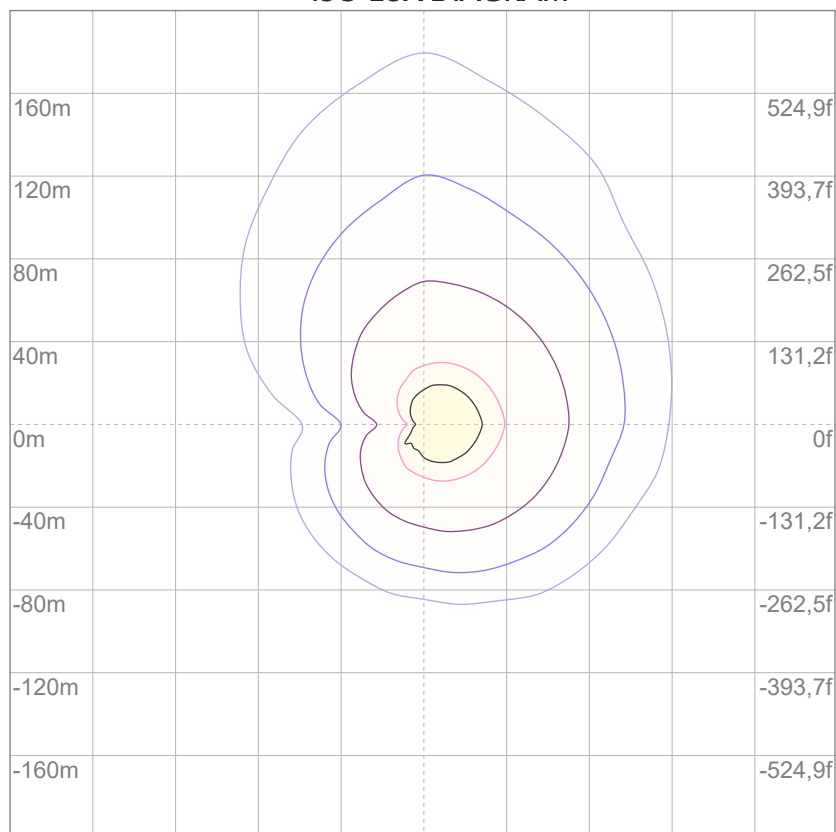
10%	26 cd
20%	53 cd
30%	79 cd
40%	105 cd
50%	132 cd
60%	158 cd
70%	184 cd
80%	211 cd

Conditions:

Number of c-planes: 4

Candela at center: 263 cd

ISO LUX DIAGRAM



3%	79,0m lx
5%	0,132 lx
10%	0,263 lx
30%	0,790 lx
50%	1,32 lx

Conditions:

Number of c-planes: 4

Lux at center: 2,63 lx

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



Total lumen output:

930 lm

Peak candela output:

334 cd

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

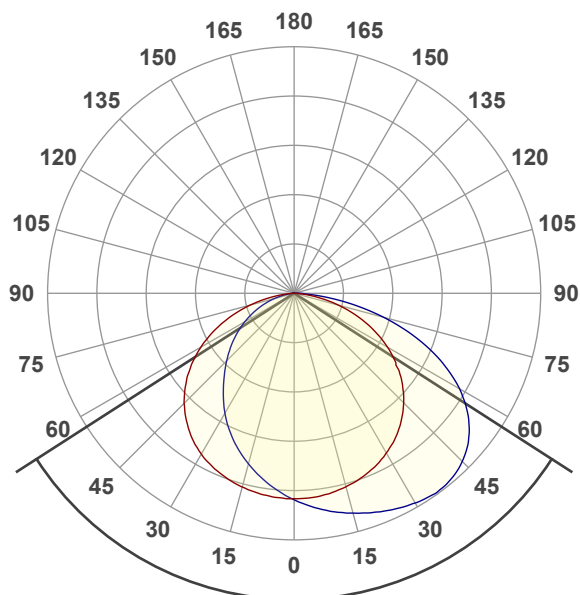
Red

Operator:

Salvatore Giglio

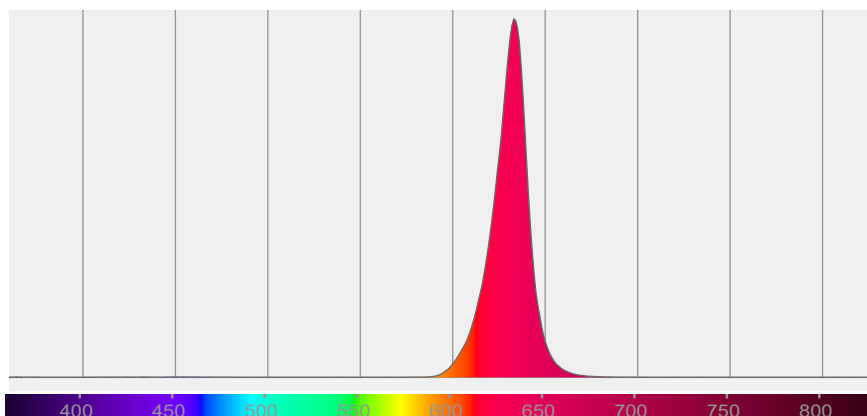
Date and time:

05/02/2025 13:45:56



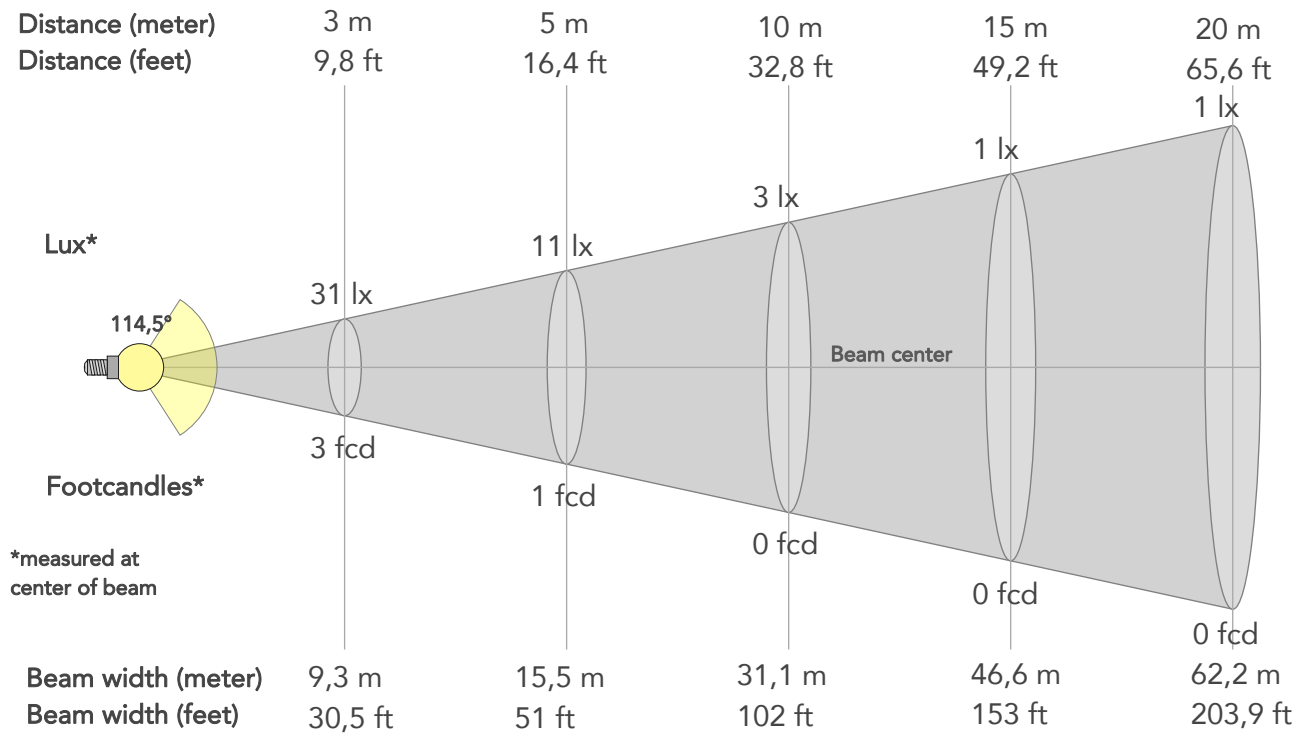
	Blue curve V	Red curve H
Beam angle 50%:	106,3°	122,7°
Field angle 10%:	157,6°	162,2°
Cut off angle 2.5%:	170,4°	172,1°

Spectra



BEAM DETAILS

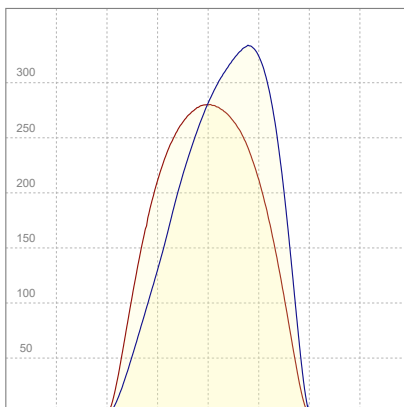
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,5°	159,9°	171,3°	76,4%	49,9%



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	281lx	70lx	31lx	18lx	11lx	5lx	3lx	1lx	1lx	0lx	0lx	0lx	0lx
Footcand.	26fcd	7fcd	3fcd	2fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,1m	6,2m	9,3m	12,4m	15,5m	23,3m	31,1m	46,6m	62,2m	77,7m	93,3m	124,4m	155,4m
Beam wid.	10,3ft	20,5ft	30,5ft	40,7ft	51ft	76,5ft	102ft	153ft	203,9ft	254,9ft	305,9ft	407,9ft	509,9ft

LINEAR DISTRIBUTION DIAGRAM

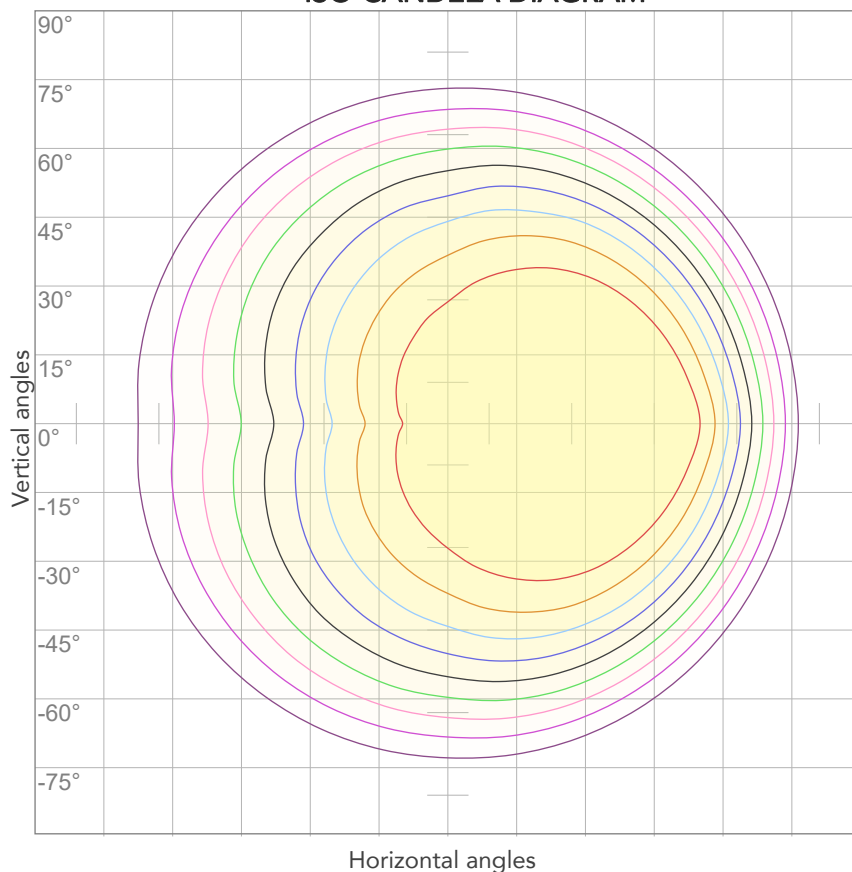


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,135A	27,4W	0,89	34lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



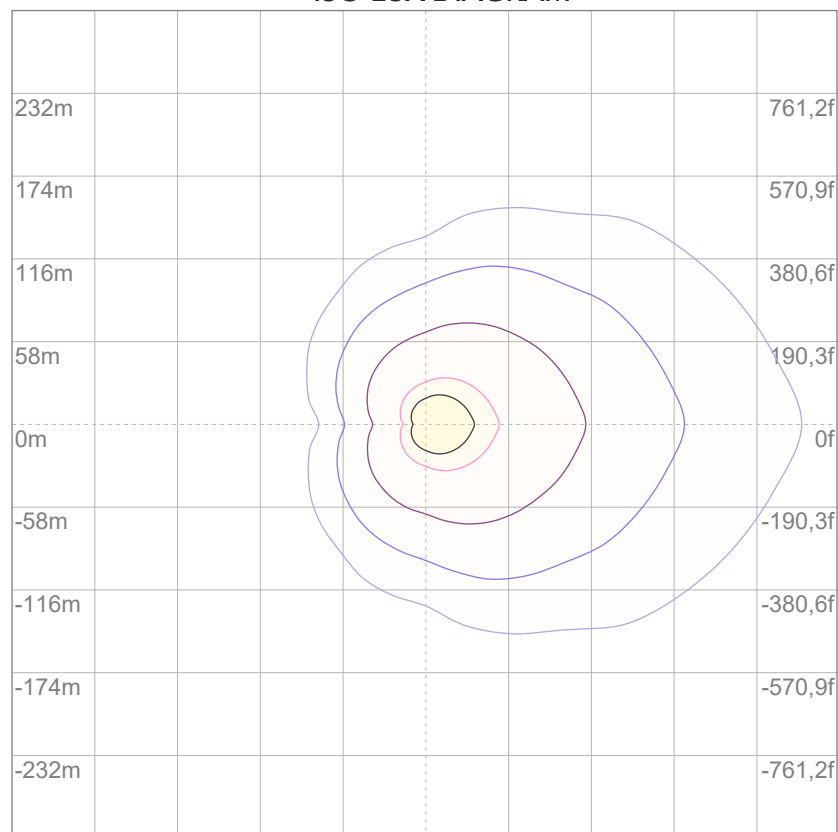
10%	28 cd
20%	56 cd
30%	84 cd
40%	112 cd
50%	140 cd
60%	168 cd
70%	197 cd
80%	225 cd

Conditions:

Number of c-planes: 4

Candela at center: 281 cd

ISO LUX DIAGRAM



3%	84,2m lx
5%	0,140 lx
10%	0,281 lx
30%	0,842 lx
50%	1,40 lx

Conditions:

Number of c-planes: 4

Lux at center: 2,81 lx

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



Total lumen output:

1185 lm

Peak candela output:

577 cd

PRODUCT NAME:

Gallery WashDATFC

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

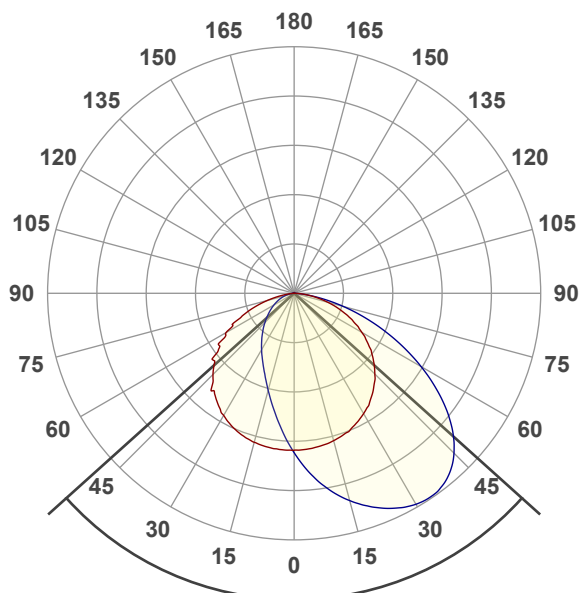
Green

Operator:

Salvatore Giglio

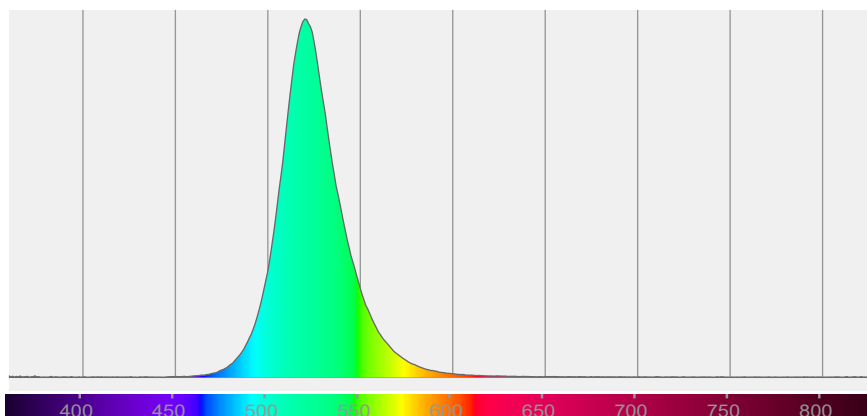
Date and time:

05/02/2025 12:20:56



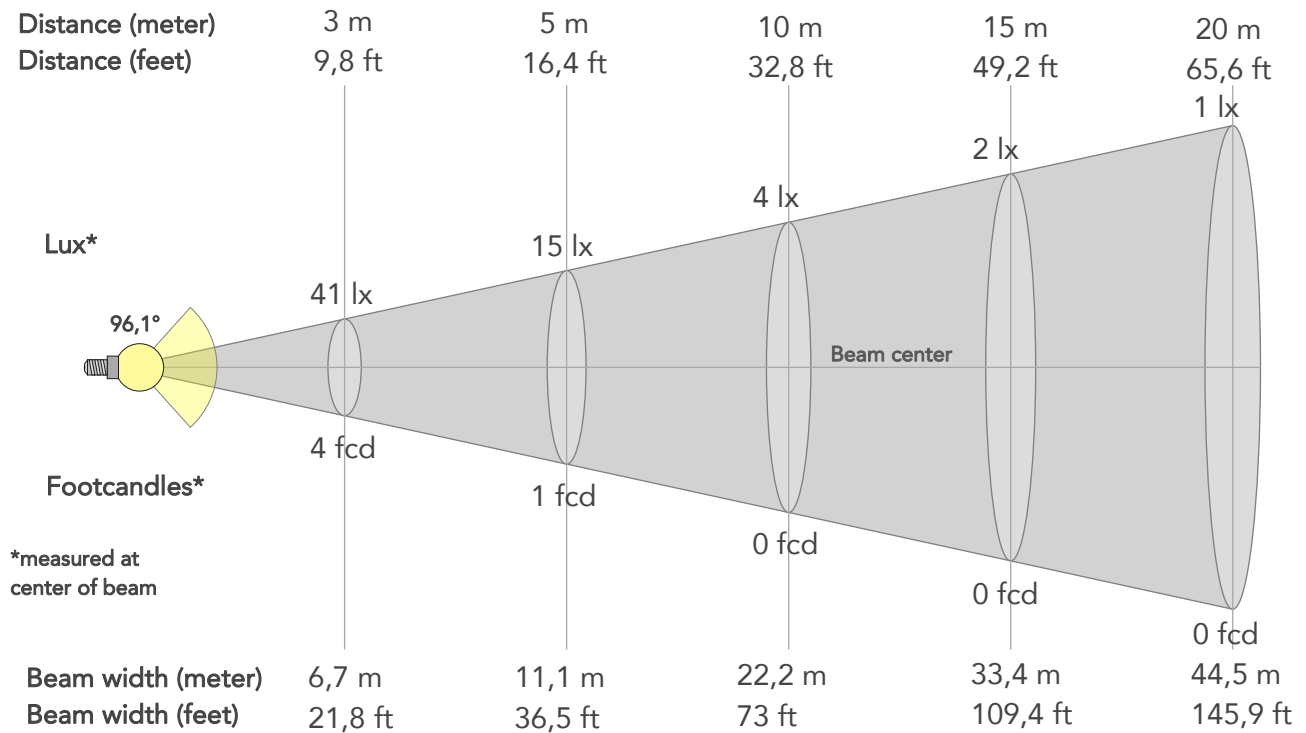
	Blue curve V	Red curve H
Beam angle 50%:	72,4°	119,8°
Field angle 10%:	138,9°	160,9°
Cut off angle 2.5%:	164,1°	171,7°

Spectra



BEAM DETAILS

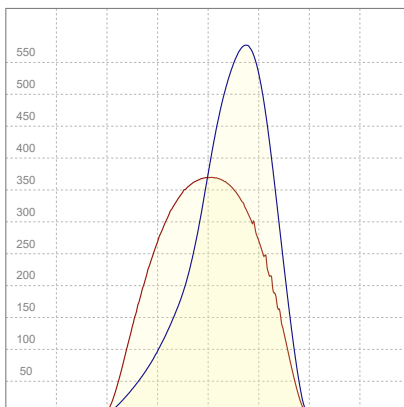
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
96,1°	149,9°	167,9°	79,5%	52,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	372lx	93lx	41lx	23lx	15lx	7lx	4lx	2lx	1lx	1lx	0lx	0lx	0lx
Footcand.	35fcd	9fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,2m	4,4m	6,7m	8,9m	11,1m	16,7m	22,2m	33,4m	44,5m	55,6m	66,7m	89m	111,2m
Beam wid.	7,3ft	14,7ft	21,8ft	29,1ft	36,5ft	54,7ft	73ft	109,4ft	145,9ft	182,4ft	218,9ft	291,8ft	364,8ft

LINEAR DISTRIBUTION DIAGRAM

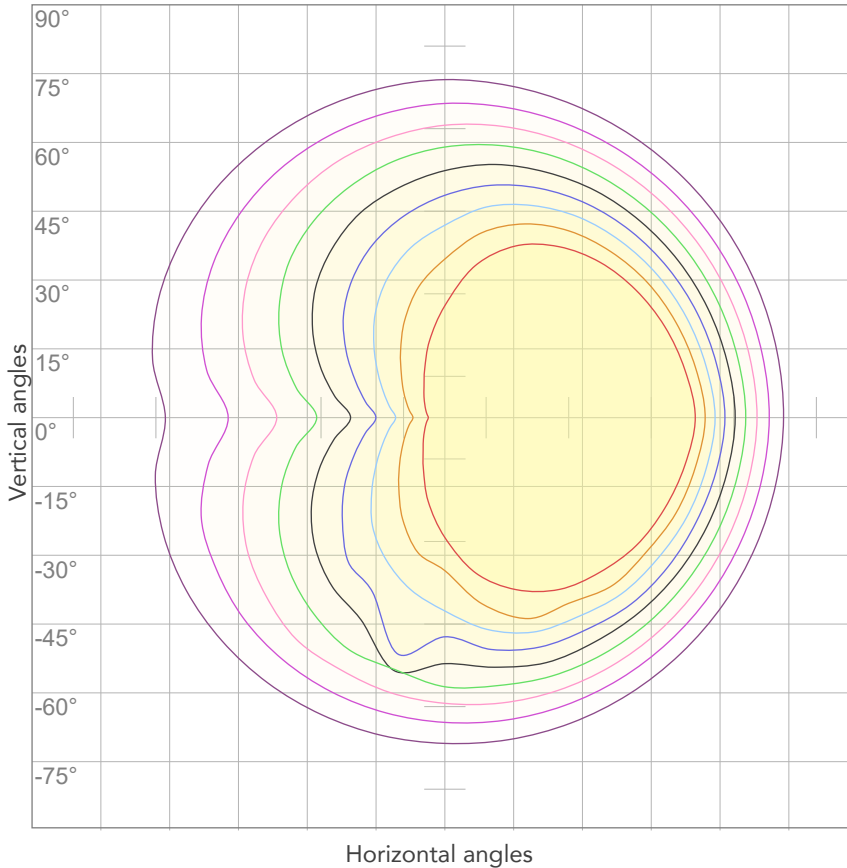


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,129A	25,8W	0,88	46lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



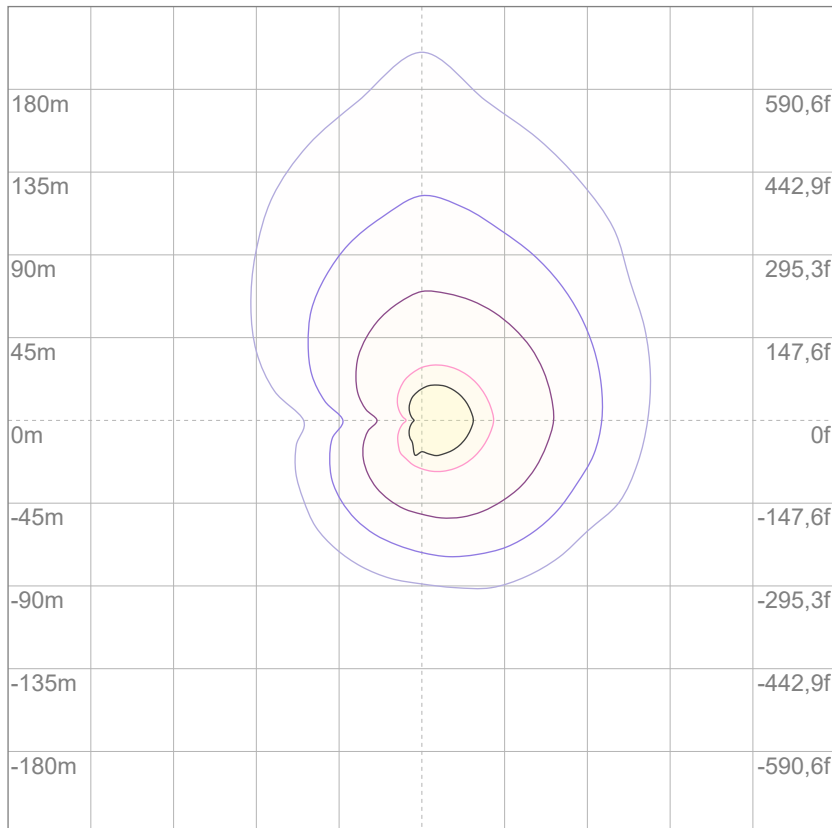
10%	37 cd
20%	74 cd
30%	112 cd
40%	149 cd
50%	186 cd
60%	223 cd
70%	261 cd
80%	298 cd

Conditions:

Number of c-planes: 4

Candela at center: 372 cd

ISO LUX DIAGRAM



3%	0,112 lx
5%	0,186 lx
10%	0,372 lx
30%	1,12 lx
50%	1,86 lx

Conditions:

Number of c-planes: 4

Lux at center: 3,72 lx

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



Total lumen output:

1202 lm

Peak candela output:

423 cd

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

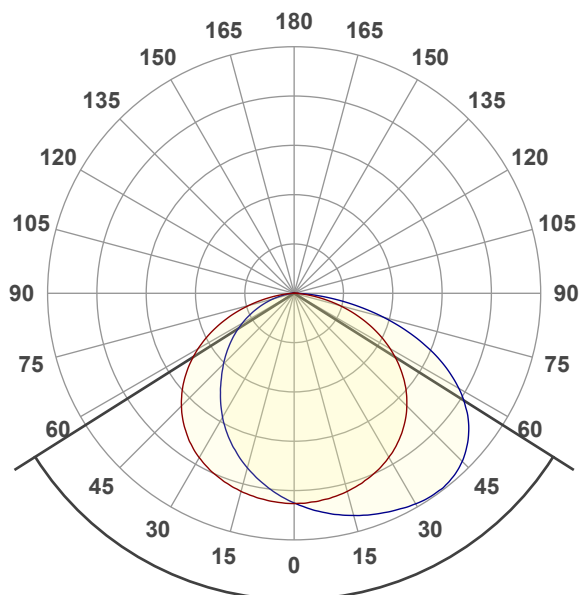
Green

Operator:

Salvatore Giglio

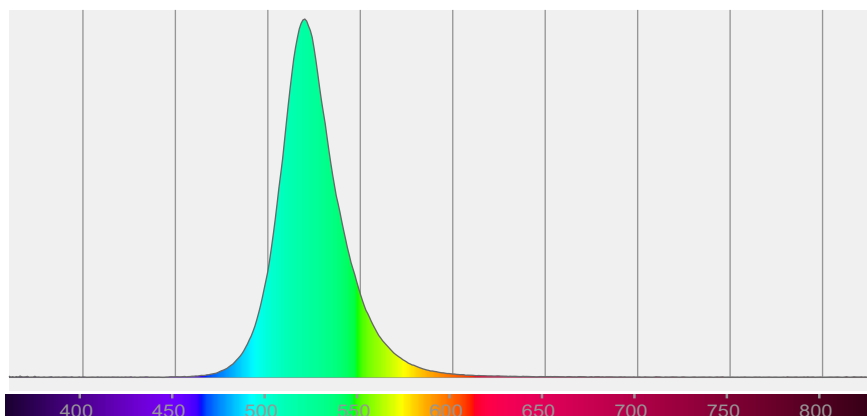
Date and time:

05/02/2025 13:48:59



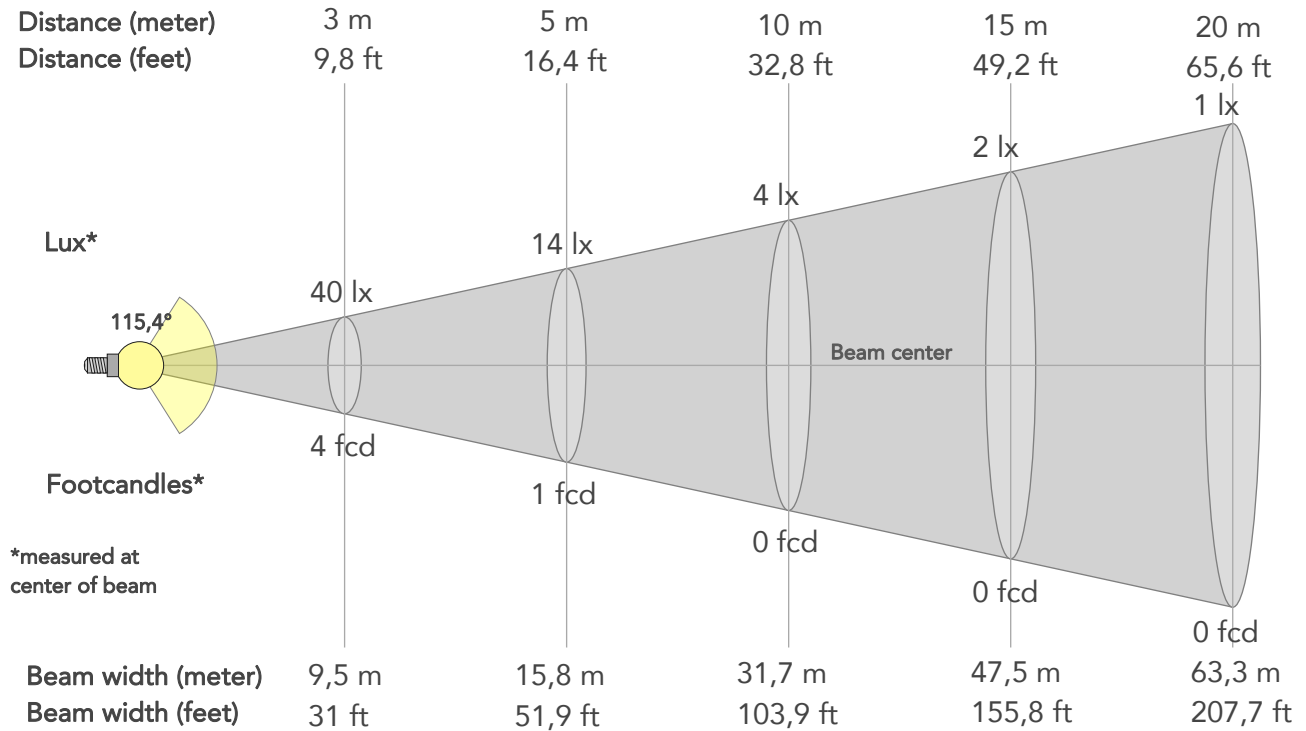
	Blue curve V	Red curve H
Beam angle 50%:	107,9°	122,9°
Field angle 10%:	158,2°	162,4°
Cut off angle 2.5%:	170,8°	172,4°

Spectra



BEAM DETAILS

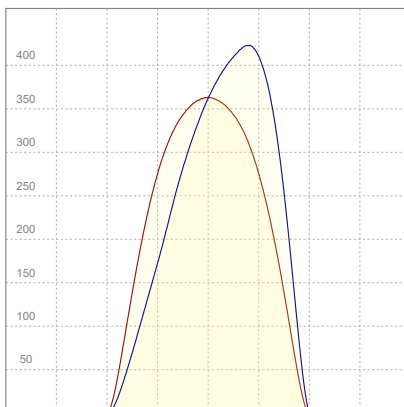
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
115,4°	160,3°	171,6°	76,4%	49,9%



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	362lx	91lx	40lx	23lx	14lx	6lx	4lx	2lx	1lx	1lx	0lx	0lx	0lx
Footcand.	34fcd	8fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,2m	6,3m	9,5m	12,7m	15,8m	23,7m	31,7m	47,5m	63,3m	79,2m	95m	126,7m	158,3m
Beam wid.	10,4ft	20,9ft	31ft	41,5ft	51,9ft	77,9ft	103,9ft	155,8ft	207,7ft	259,6ft	311,6ft	415,4ft	519,3ft

LINEAR DISTRIBUTION DIAGRAM

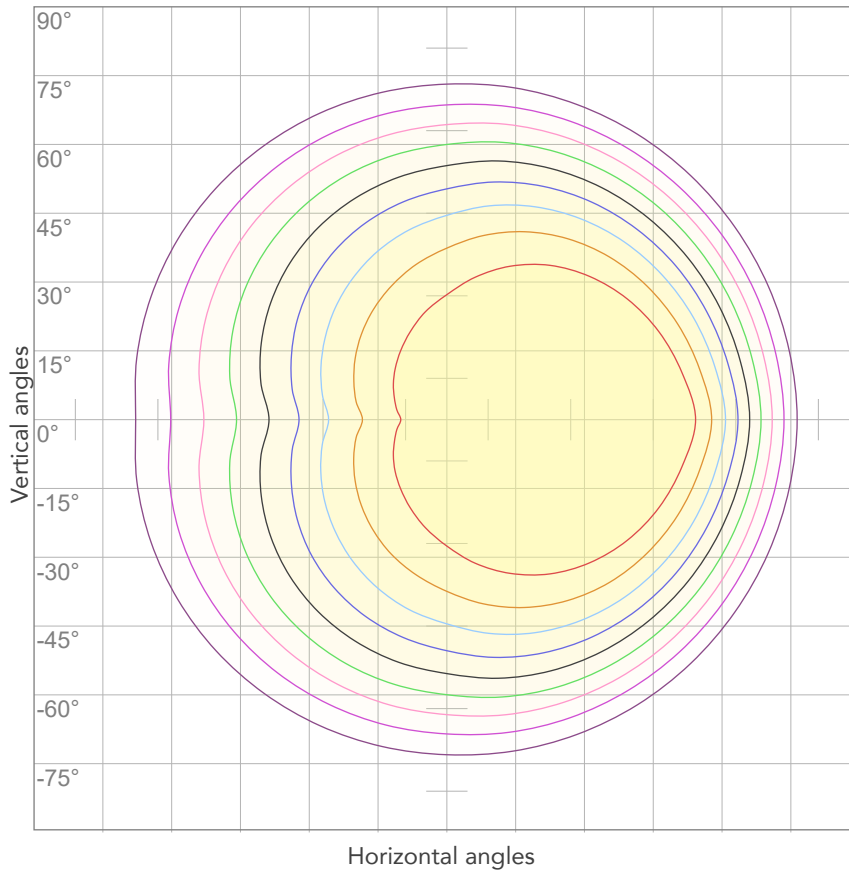


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,130A	26,0W	0,88	46lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



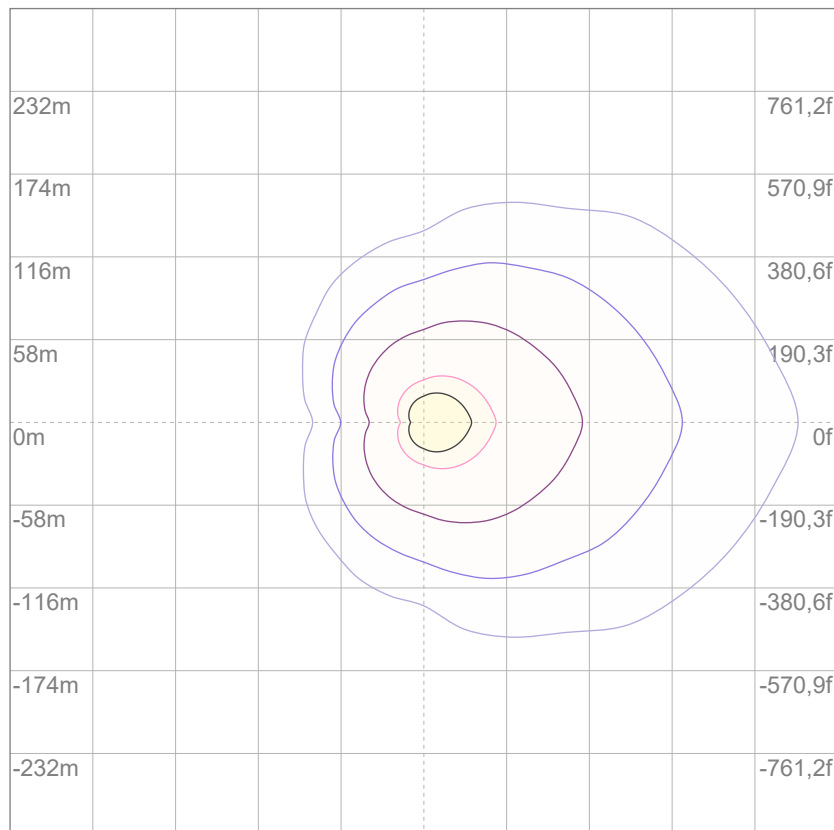
10%	36 cd
20%	72 cd
30%	109 cd
40%	145 cd
50%	181 cd
60%	217 cd
70%	254 cd
80%	290 cd

Conditions:

Number of c-planes: 4

Candela at center: 362 cd

ISO LUX DIAGRAM



3%	0,109 lx
5%	0,181 lx
10%	0,362 lx
30%	1,09 lx
50%	1,81 lx

Conditions:

Number of c-planes: 4

Lux at center: 3,62 lx

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



Total lumen output:

335 lm

Peak candela output:

166 cd

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

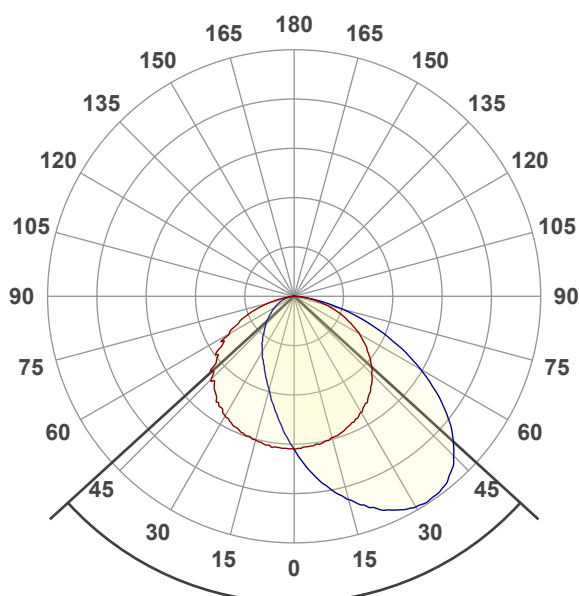
Blue

Operator:

Salvatore Giglio

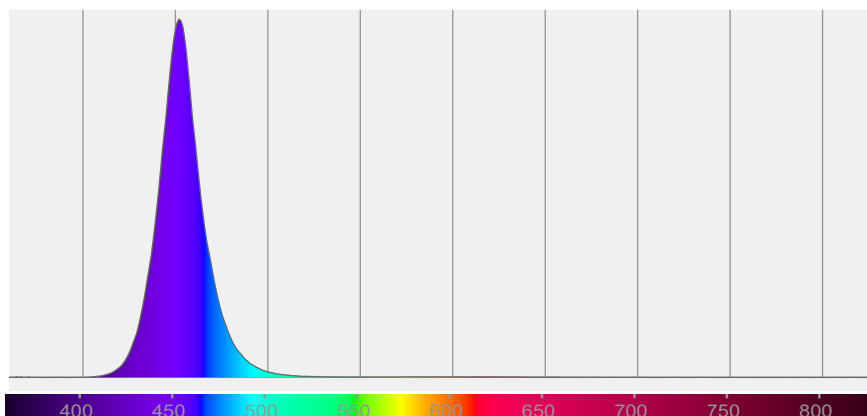
Date and time:

05/02/2025 12:25:41



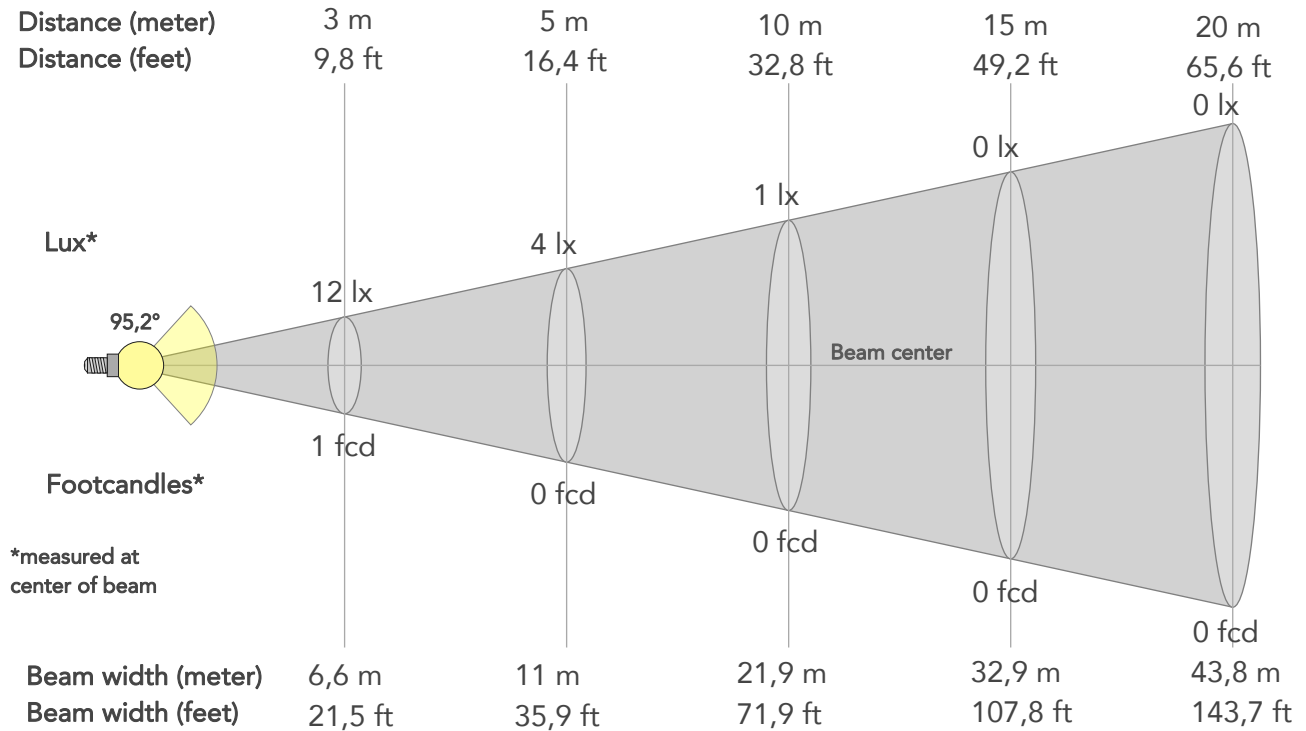
	Blue curve V	Red curve H
Beam angle 50%:	71,3°	119,1°
Field angle 10%:	137,9°	160,4°
Cut off angle 2.5%:	163,5°	171,4°

Spectra



BEAM DETAILS

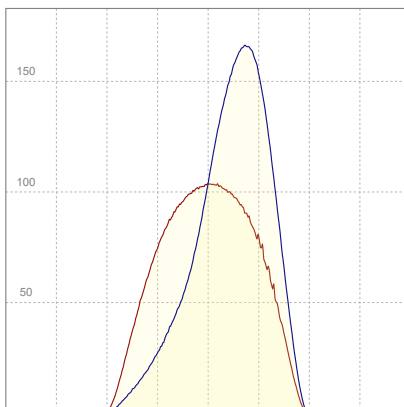
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
95,2°	149,2°	167,5°	79,7%	52,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	104lx	26lx	12lx	6lx	4lx	2lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	10fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,2m	4,4m	6,6m	8,8m	11m	16,4m	21,9m	32,9m	43,8m	54,8m	65,7m	87,6m	109,5m
Beam wid.	7,2ft	14,5ft	21,5ft	28,7ft	35,9ft	53,9ft	71,9ft	107,8ft	143,7ft	179,6ft	215,6ft	287,4ft	359,3ft

LINEAR DISTRIBUTION DIAGRAM

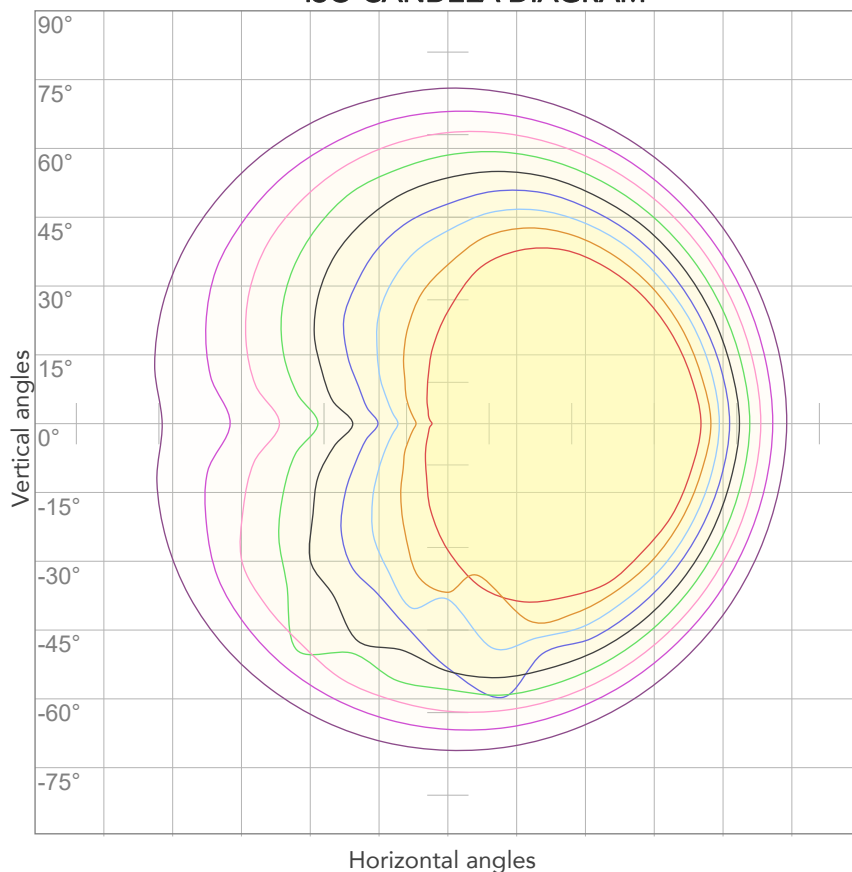


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,159A	33,4W	0,92	10lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



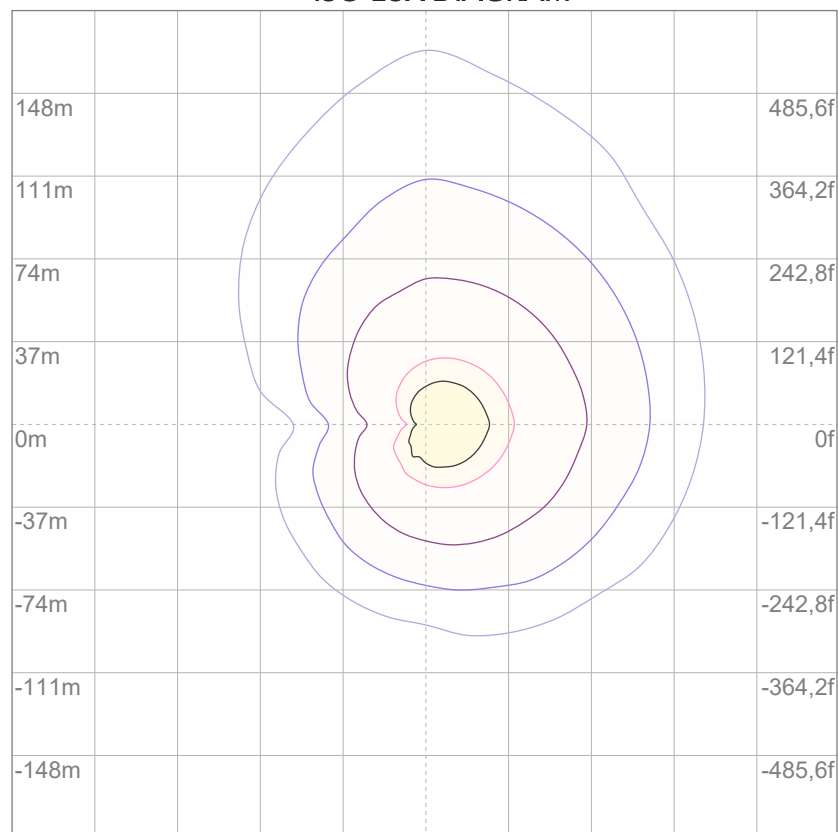
10%	10 cd
20%	21 cd
30%	31 cd
40%	41 cd
50%	52 cd
60%	62 cd
70%	73 cd
80%	83 cd

Conditions:

Number of c-planes: 4

Candela at center: 104 cd

ISO LUX DIAGRAM



3%	31,1m lx
5%	51,9m lx
10%	0,104 lx
30%	0,311 lx
50%	0,519 lx

Conditions:

Number of c-planes: 4

Lux at center: 1,04 lx

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



Total lumen output:

343 lm

Peak candela output:

120 cd

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

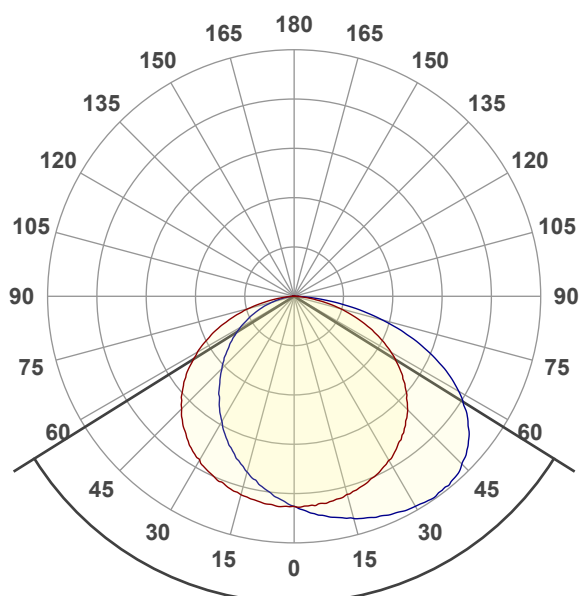
Blue

Operator:

Salvatore Giglio

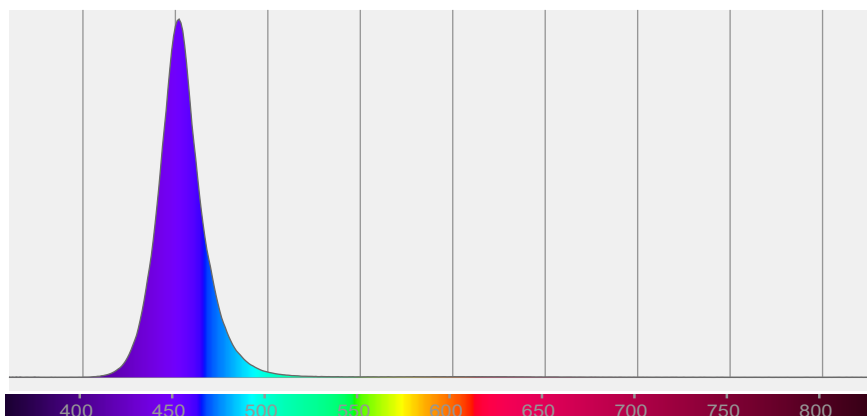
Date and time:

05/02/2025 13:51:59



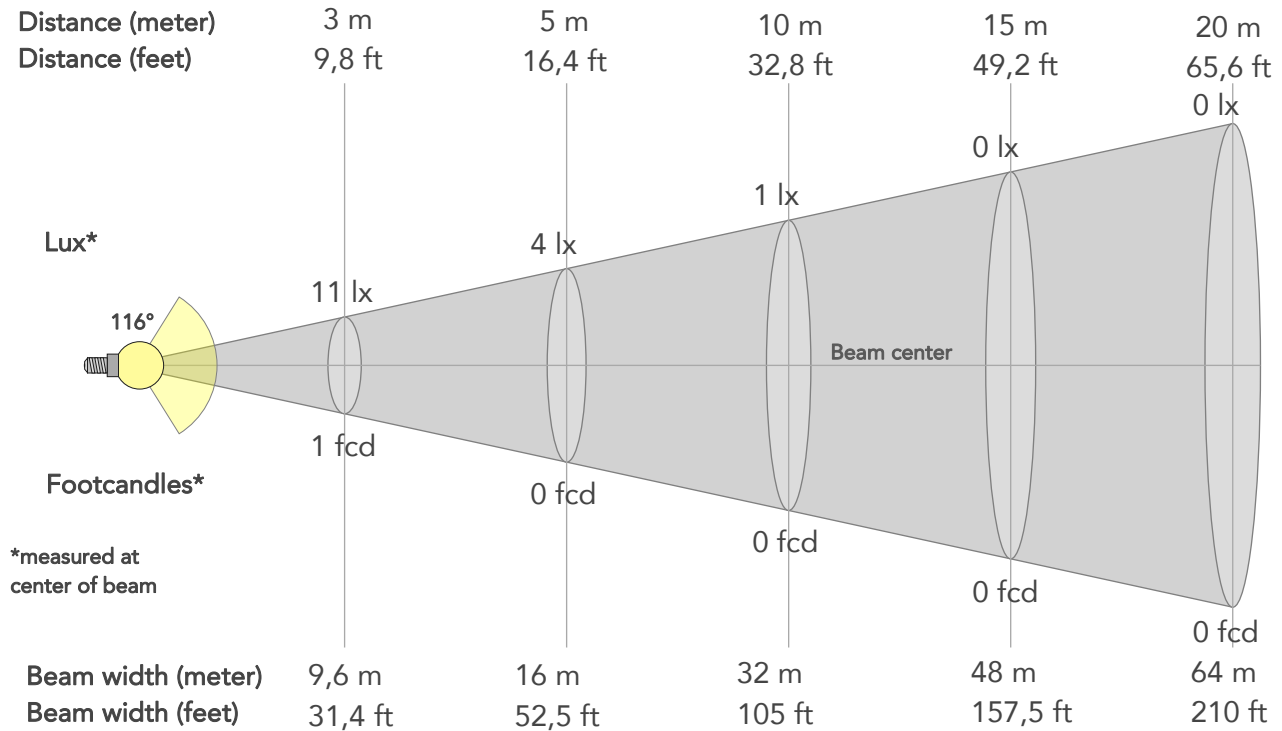
	Blue curve V	Red curve H
Beam angle 50%:	108,8°	123,2°
Field angle 10%:	158,4°	162,3°
Cut off angle 2.5%:	171,4°	172,4°

Spectra



BEAM DETAILS

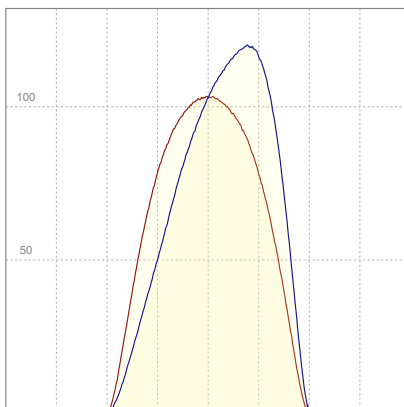
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
116°	160,3°	171,9°	76,4%	49,8%



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	103lx	26lx	11lx	6lx	4lx	2lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx
Footcand.	10fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,2m	6,4m	9,6m	12,8m	16m	24m	32m	48m	64m	80m	96m	128m	160m
Beam wid.	10,6ft	21,1ft	31,4ft	41,9ft	52,5ft	78,7ft	105ft	157,5ft	210ft	262,5ft	314,9ft	419,9ft	524,9ft

LINEAR DISTRIBUTION DIAGRAM

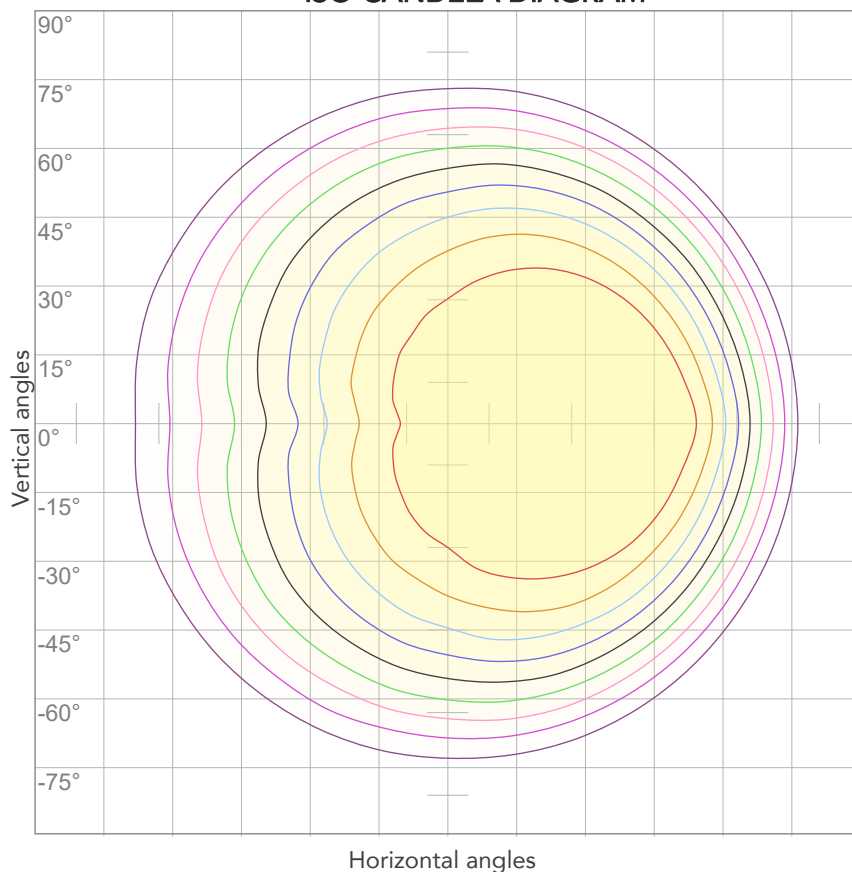


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,160A	33,6W	0,92	10lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



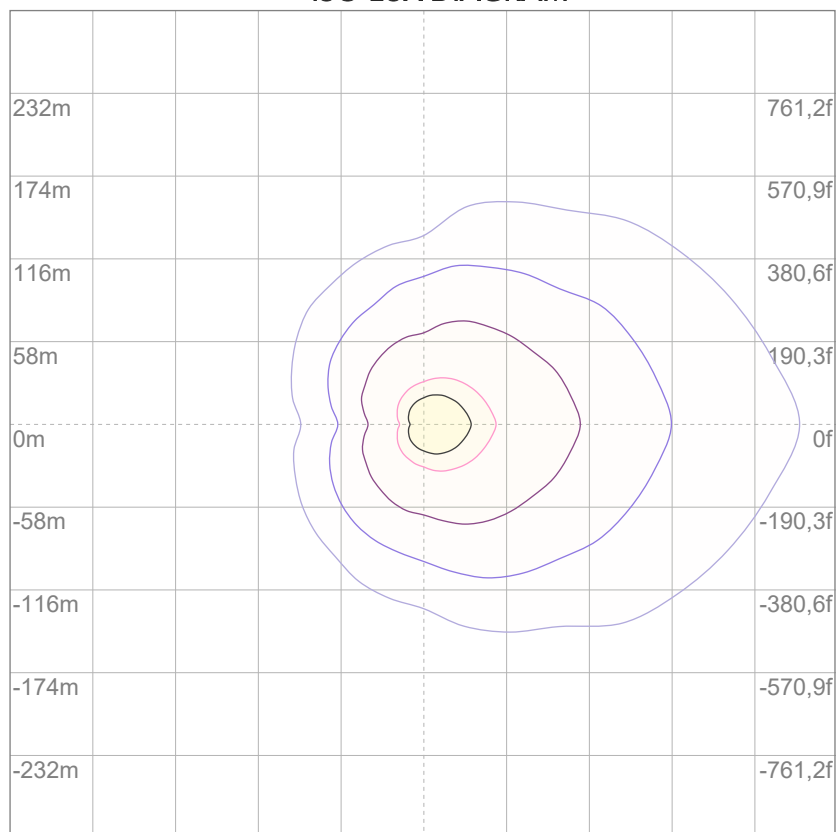
10%	10 cd
20%	21 cd
30%	31 cd
40%	41 cd
50%	51 cd
60%	62 cd
70%	72 cd
80%	82 cd

Conditions:

Number of c-planes: 4

Candela at center: 103 cd

ISO LUX DIAGRAM



3%	30,9m lx
5%	51,5m lx
10%	0,103 lx
30%	0,309 lx
50%	0,515 lx

Conditions:

Number of c-planes: 4

Lux at center: 1,03 lx

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



Total lumen output:

2456 lm

Peak candela output:

1340 cd

Light quality:

CRI: 82,9

Color temperature:

3195 K

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

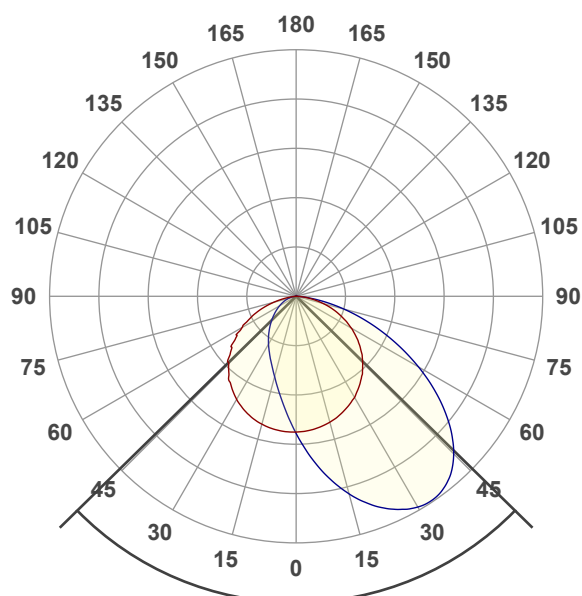
Ww

Operator:

Salvatore Giglio

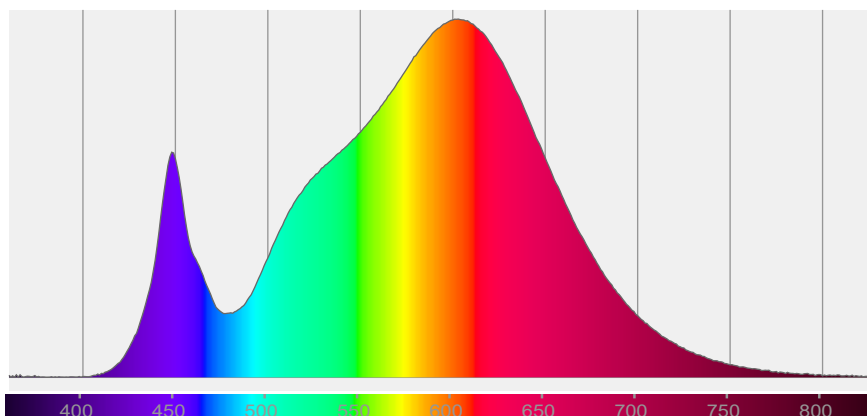
Date and time:

05/02/2025 12:29:54

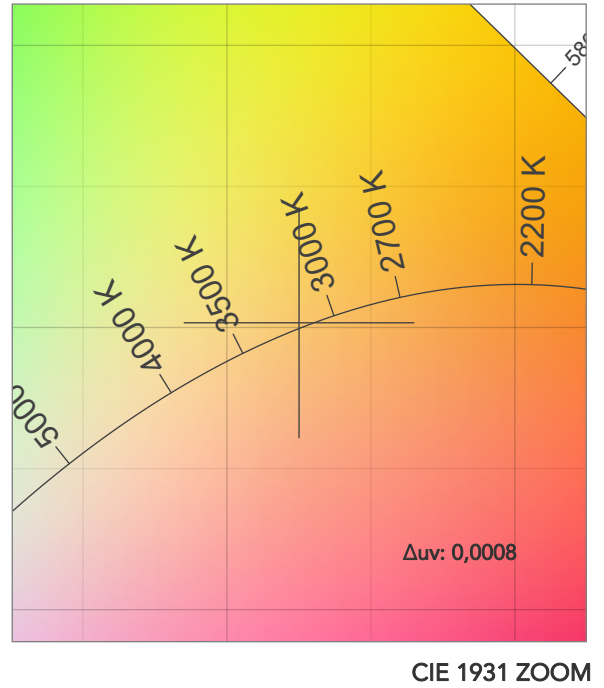
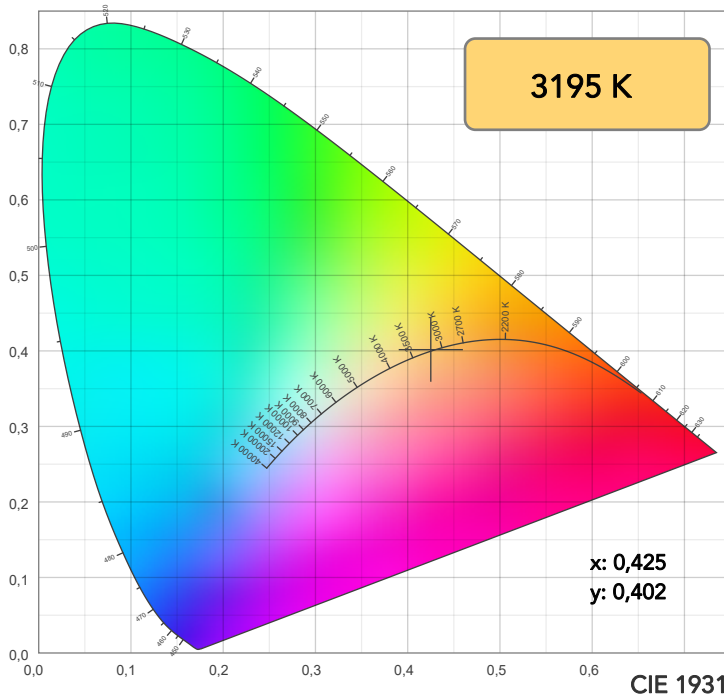


	Blue curve V	Red curve H
Beam angle 50%:	66,3°	116,2°
Field angle 10%:	134,4°	160,2°
Cut off angle 2.5%:	162°	171,2°

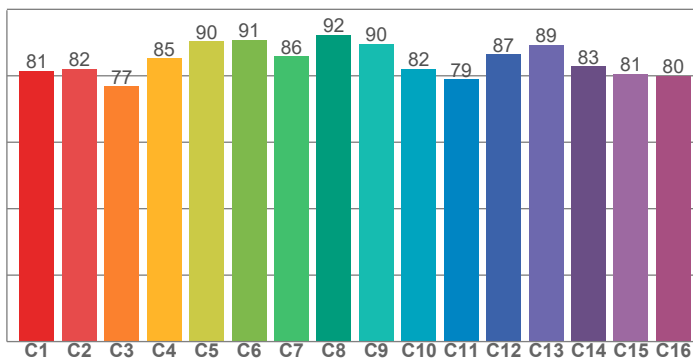
Spectra



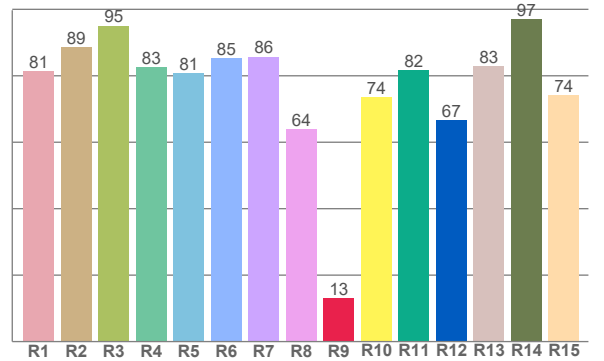
COLOR DETAILS



TM30: 84,5



CRI: 82,9 (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
81,3	88,7	95,1	82,6	80,9	85,3	85,7	63,9	13,0	73,5	81,6	66,7	82,8	97,0	74,2

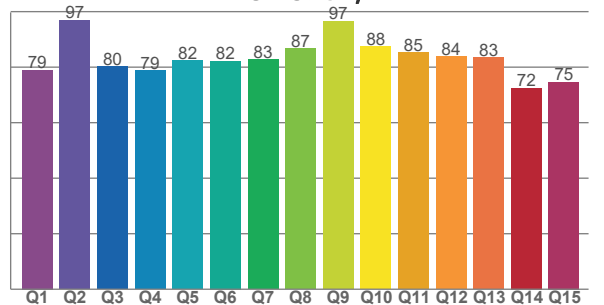
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
81,5	82,0	76,9	85,2	90,3	90,8	85,9	92,3	89,6	82,2	79,0	86,5	89,3	82,9	80,6	80,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,0	96,9	80,3	78,8	82,3	82,2	82,8	86,8	96,5	87,5	85,2	83,8	83,4	72,5	74,7

CQS: 82,2



COLOR PARAMETERS

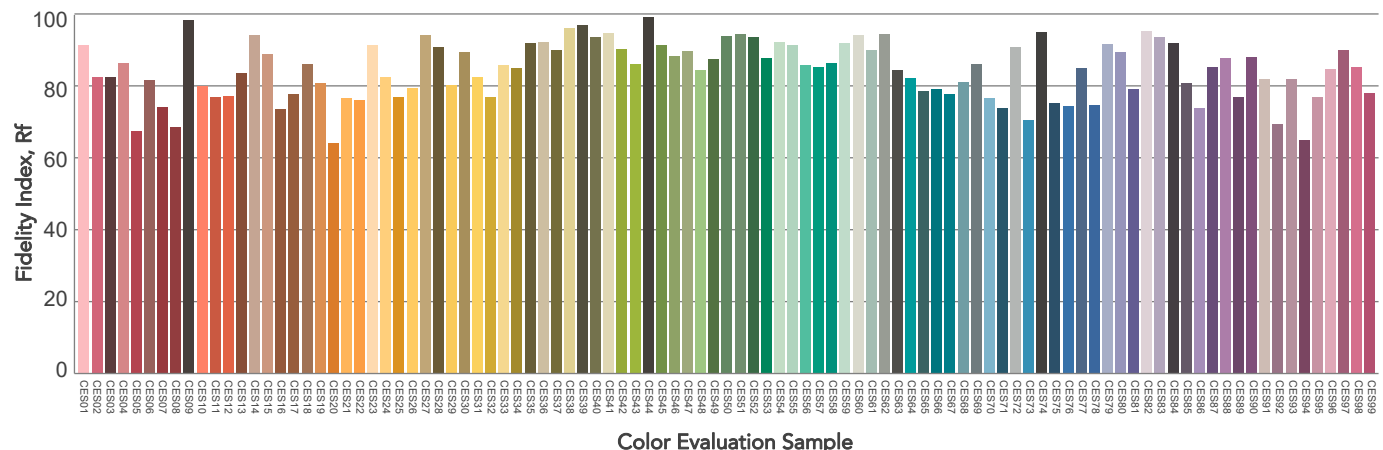
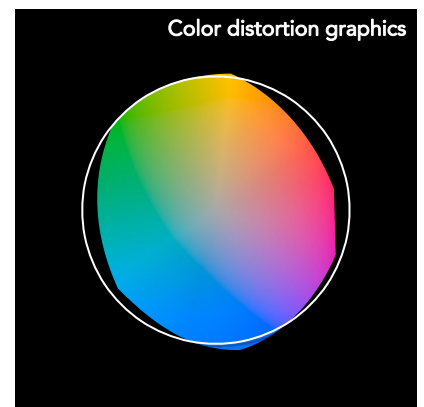
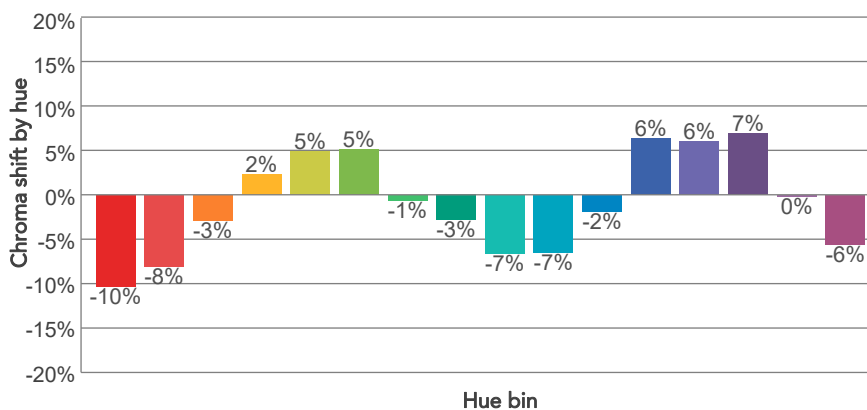
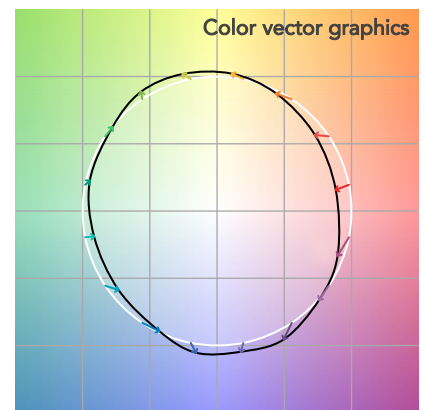
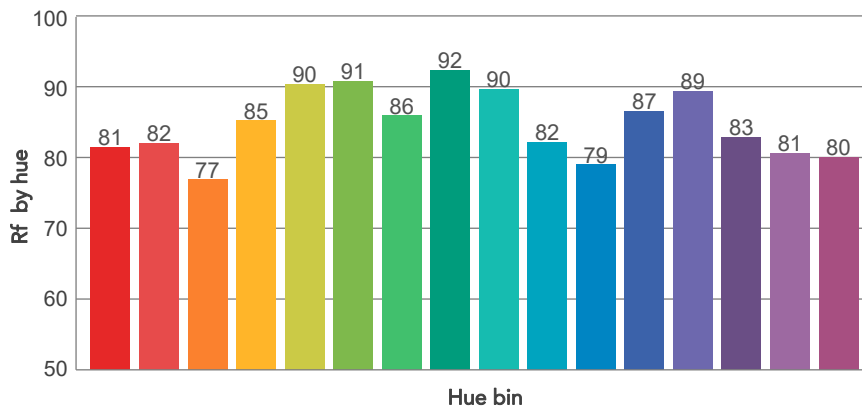
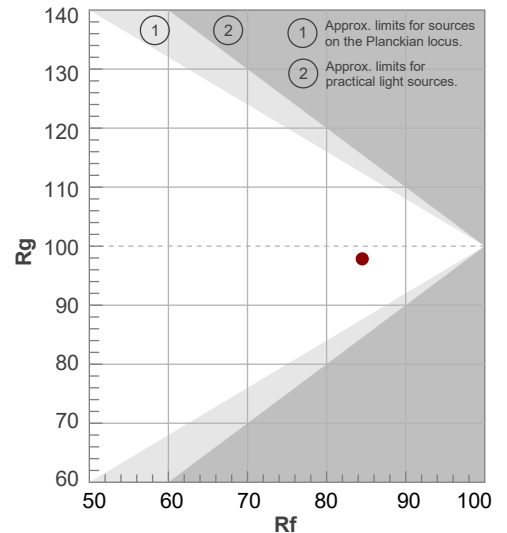
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3195 K	82,9	13,0	84,5	97,8	82,2	70	0,425	0,402	0,0008

TM30 DETAILS

Rf 84,5
Fidelity index Rf

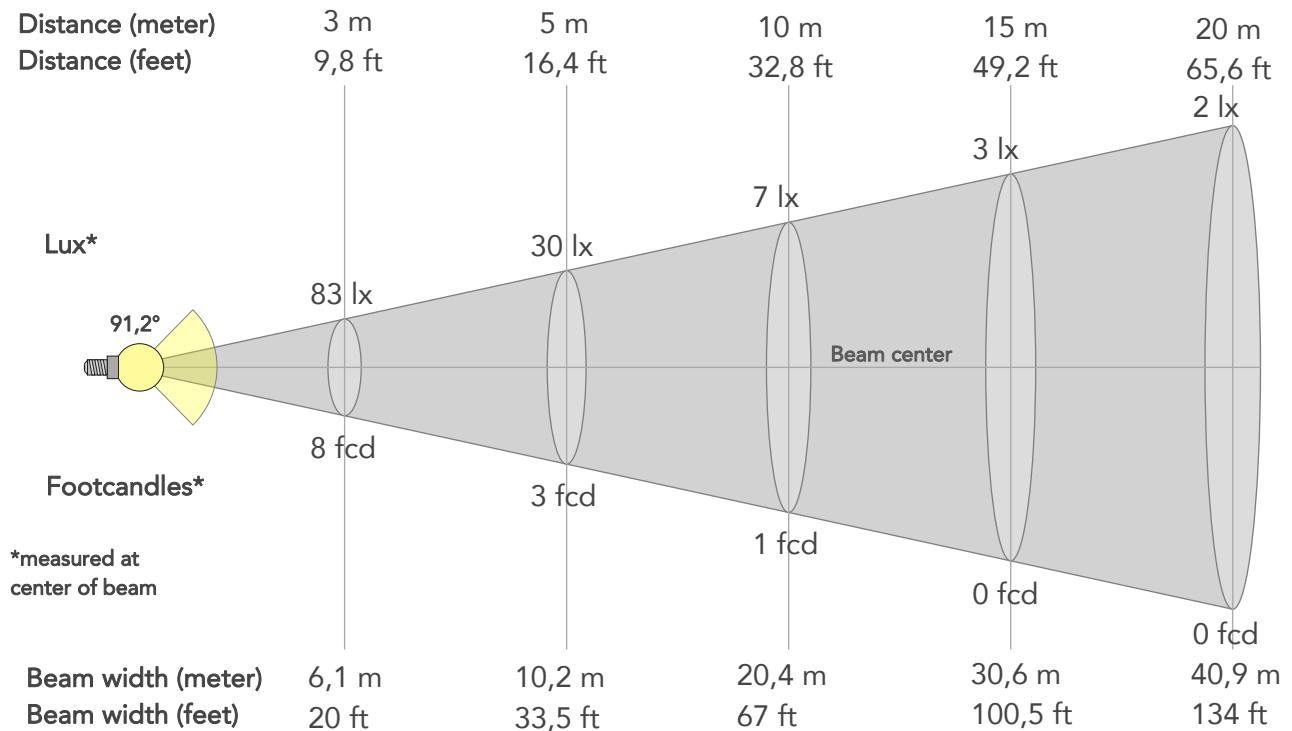
Rg 97,8
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	81	-10%	-2%
2	82	-8%	7%
3	77	-3%	12%
4	85	2%	9%
5	90	5%	5%
6	91	5%	-2%
7	86	-1%	-9%
8	92	-3%	-4%
9	90	-7%	1%
10	82	-7%	8%
11	79	-2%	14%
12	87	6%	5%
13	89	6%	-3%
14	83	7%	-12%
15	81	0%	-13%
16	80	-6%	-15%



BEAM DETAILS

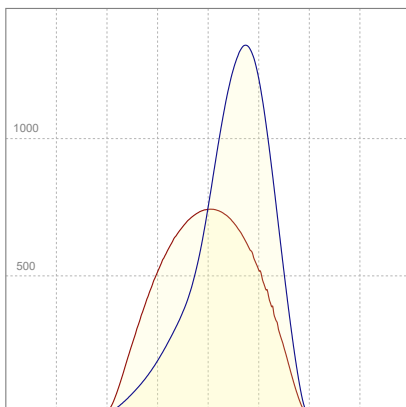
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
91,2°	147,3°	166,6°	79,9%	53,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	746lx	187lx	83lx	47lx	30lx	13lx	7lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	69fcd	17fcd	8fcd	4fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2m	4,1m	6,1m	8,2m	10,2m	15,3m	20,4m	30,6m	40,9m	51,1m	61,3m	81,7m	102,1m
Beam wid.	6,7ft	13,5ft	20ft	26,8ft	33,5ft	50,3ft	67ft	100,5ft	134ft	167,5ft	201ft	268ft	335ft

LINEAR DISTRIBUTION DIAGRAM

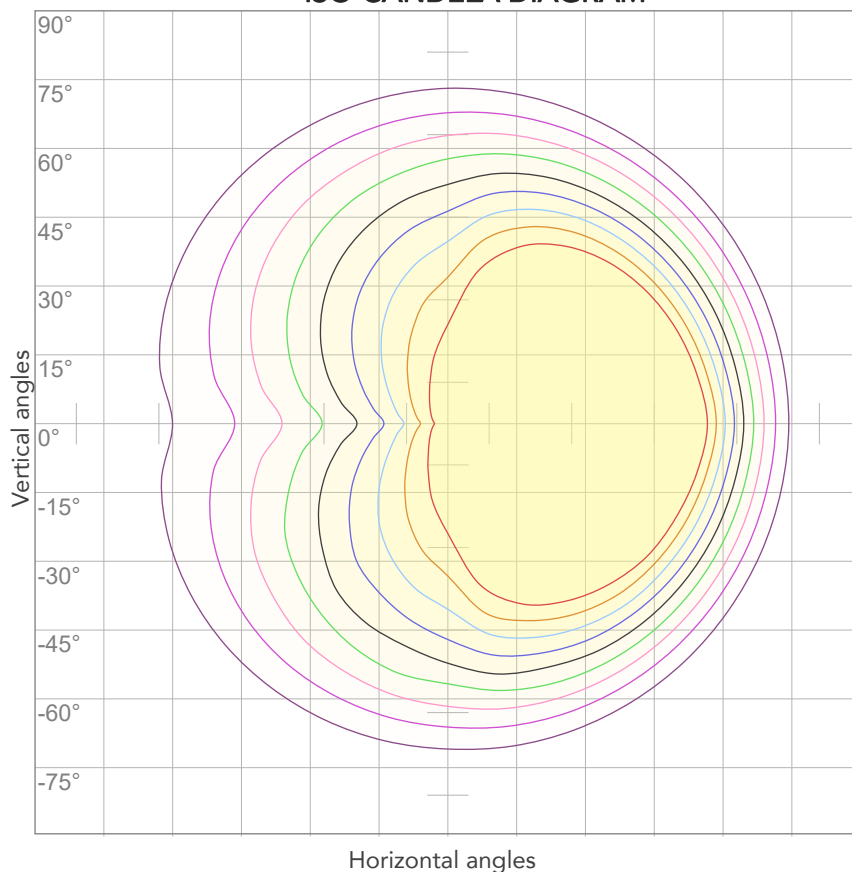


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,173A	36,8W	0,93	67lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



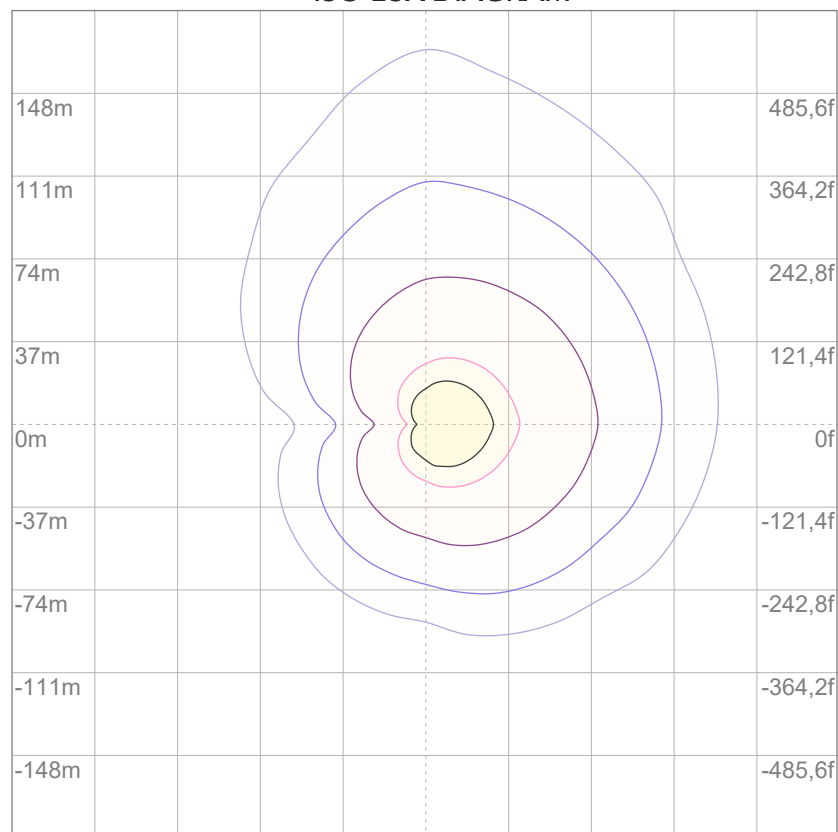
10%	75 cd
20%	149 cd
30%	224 cd
40%	298 cd
50%	373 cd
60%	448 cd
70%	522 cd
80%	597 cd

Conditions:

Number of c-planes: 4

Candela at center: 746 cd

ISO LUX DIAGRAM



3%	0,224 lx
5%	0,373 lx
10%	0,746 lx
30%	2,24 lx
50%	3,73 lx

Conditions:

Number of c-planes: 4

Lux at center: 7,46 lx

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



Total lumen output:

2498 lm

Peak candela output:

924 cd

Light quality:

CRI: 83,0

Color temperature:

3191 K

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

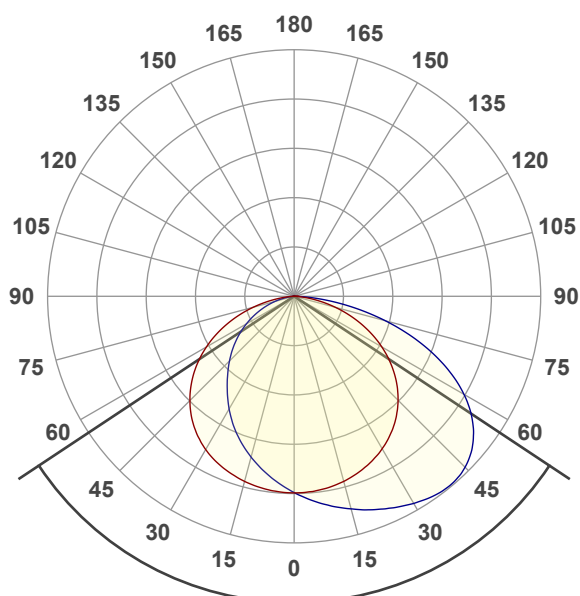
Ww

Operator:

Salvatore Giglio

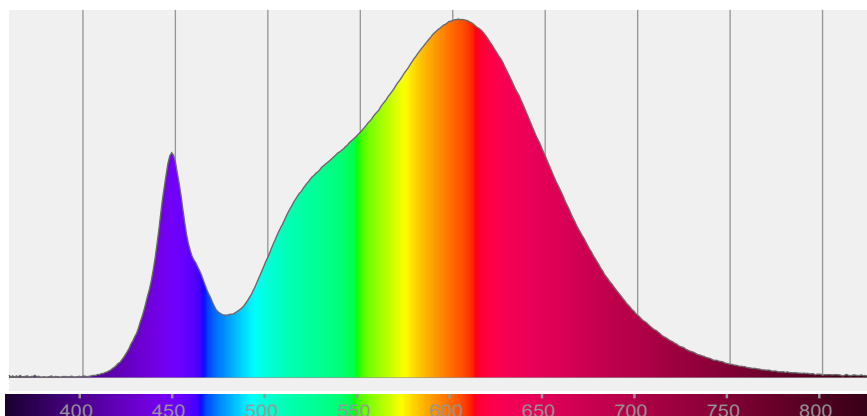
Date and time:

05/02/2025 13:56:30

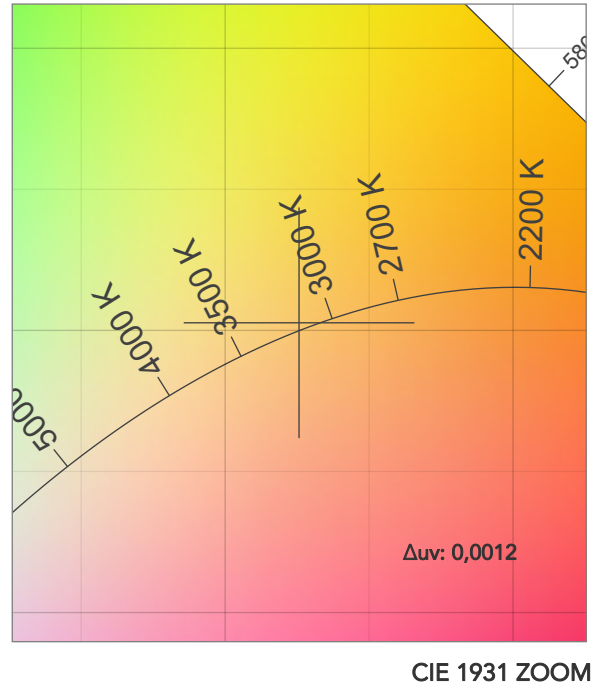
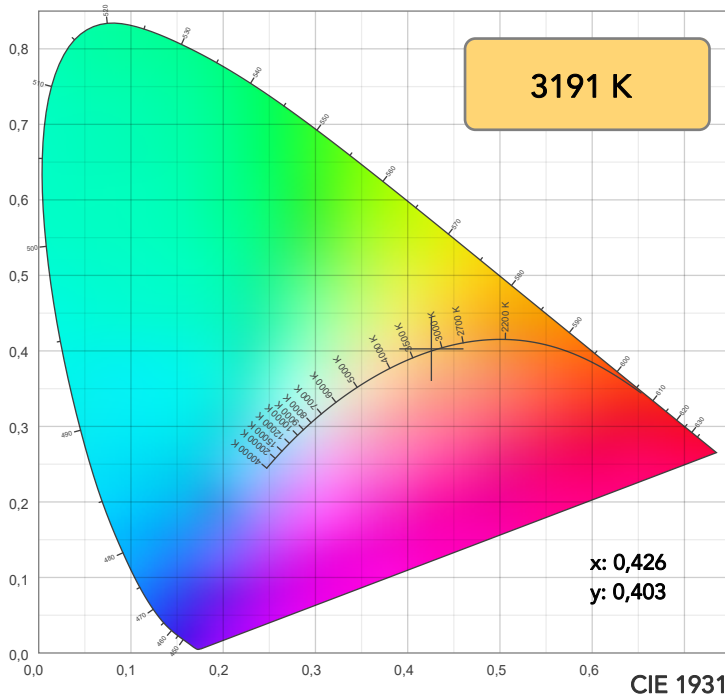


	Blue curve V	Red curve H
Beam angle 50%:	104,1°	121,6°
Field angle 10%:	157,3°	162°
Cut off angle 2.5%:	170,3°	172,1°

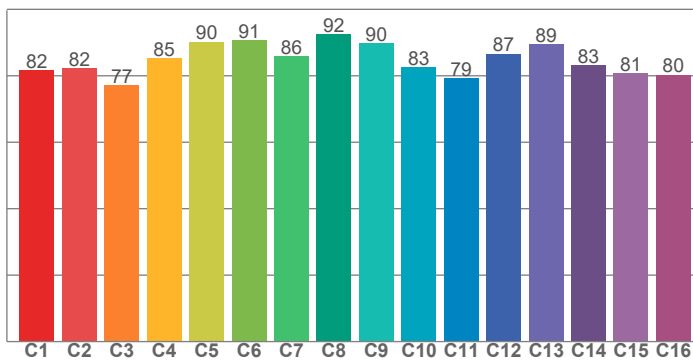
Spectra



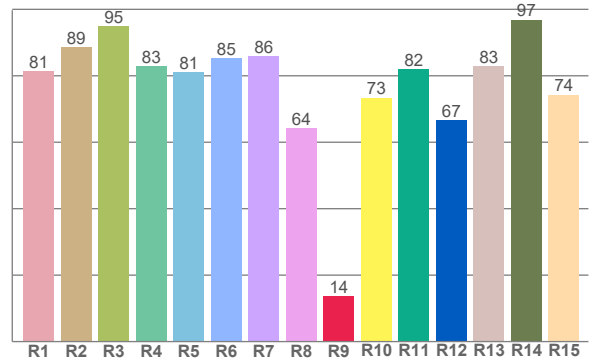
COLOR DETAILS



TM30: 84,7



CRI: 83,0 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
81,5	88,6	94,9	82,9	81,0	85,2	86,0	64,2	13,7	73,4	82,1	66,7	82,9	96,9	74,3

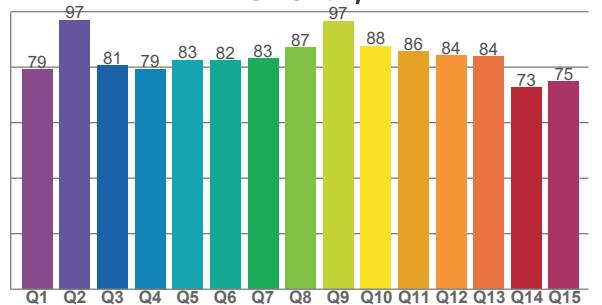
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
81,7	82,3	77,2	85,2	90,2	90,8	85,8	92,4	89,7	82,6	79,2	86,7	89,4	83,1	80,7	80,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,1	96,9	80,6	79,3	82,6	82,4	83,0	87,1	96,6	87,7	85,6	84,2	83,7	72,7	74,8

CQS: 82,4



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
3191 K	83,0	13,7	84,7	98,0	82,4	70	0,426	0,403	0,0012

TM30 DETAILS

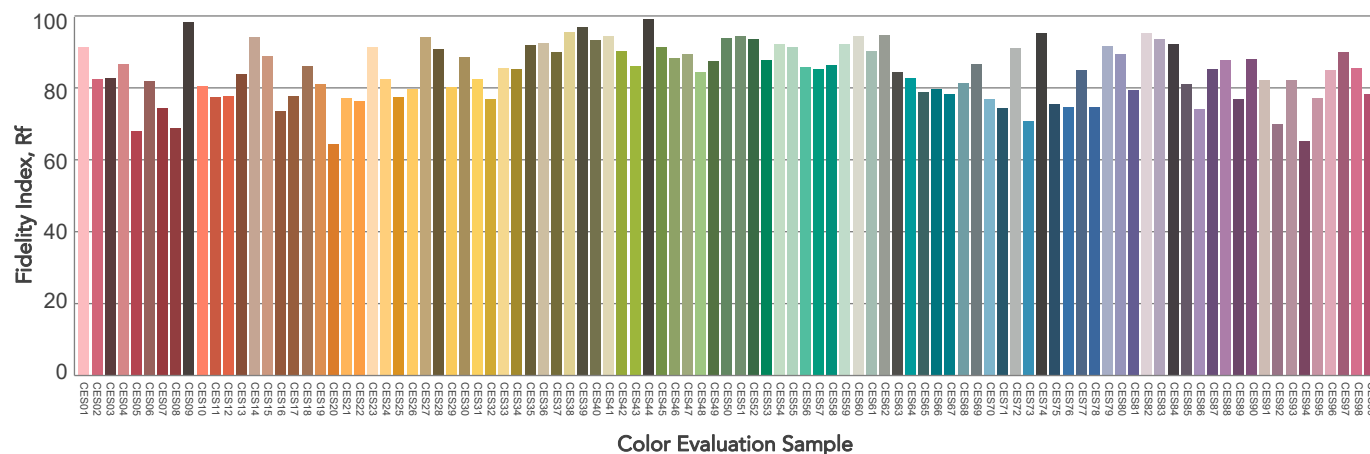
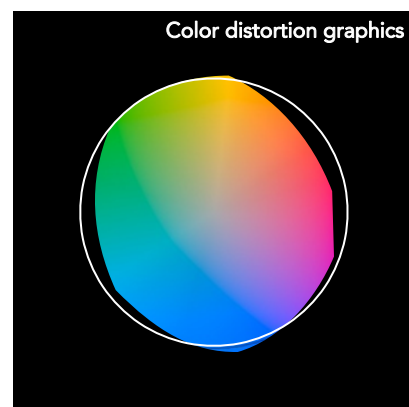
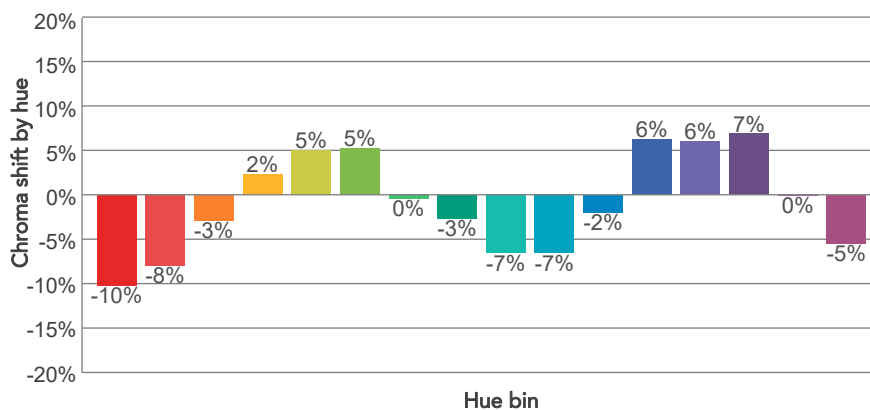
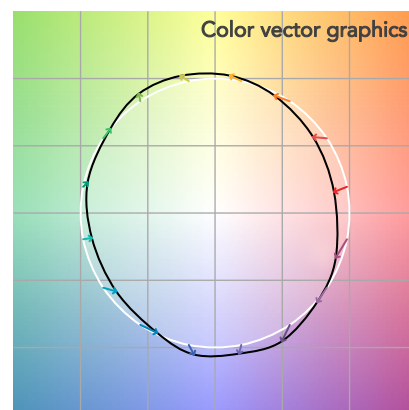
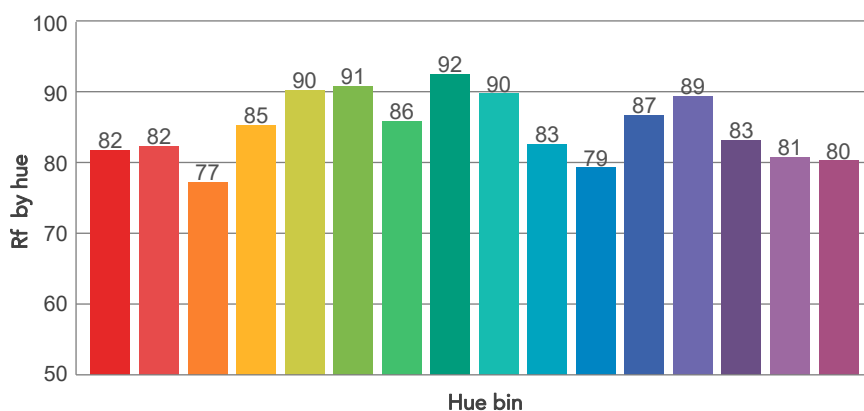
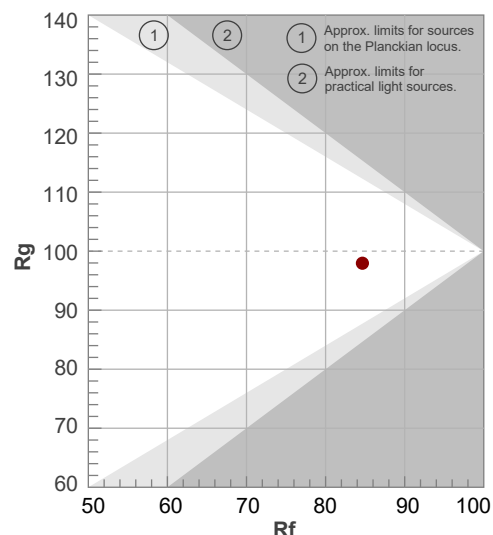
Rf 84,7

Fidelity index Rf

Rg 98,0

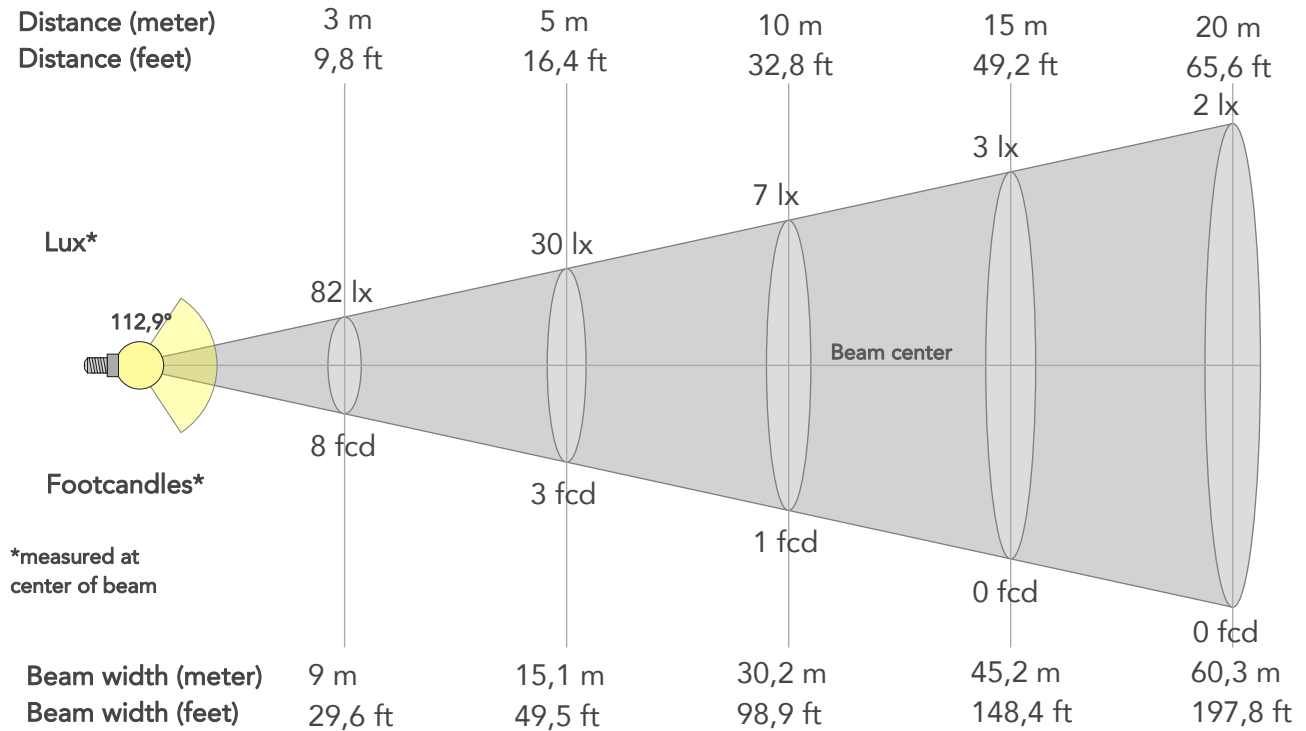
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	82	-10%	-2%
2	82	-8%	6%
3	77	-3%	12%
4	85	2%	9%
5	90	5%	5%
6	91	5%	-2%
7	86	0%	-9%
8	92	-3%	-4%
9	90	-7%	0%
10	83	-7%	8%
11	79	-2%	14%
12	87	6%	5%
13	89	6%	-3%
14	83	7%	-12%
15	81	0%	-13%
16	80	-5%	-15%



BEAM DETAILS

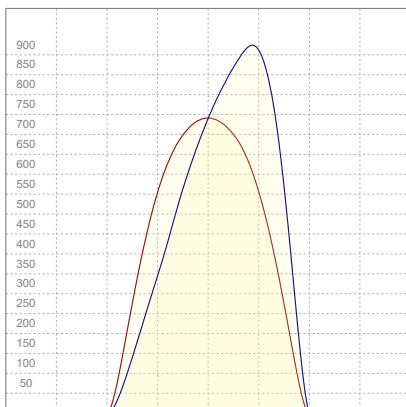
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
112,9°	159,6°	171,2°	76,3%	49,5%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	741lx	185lx	82lx	46lx	30lx	13lx	7lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	69fcd	17fcd	8fcd	4fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3m	6m	9m	12,1m	15,1m	22,6m	30,2m	45,2m	60,3m	75,4m	90,5m	120,6m	150,8m
Beam wid.	10ft	19,9ft	29,6ft	39,5ft	49,5ft	74,2ft	98,9ft	148,4ft	197,8ft	247,3ft	296,7ft	395,6ft	494,6ft

LINEAR DISTRIBUTION DIAGRAM

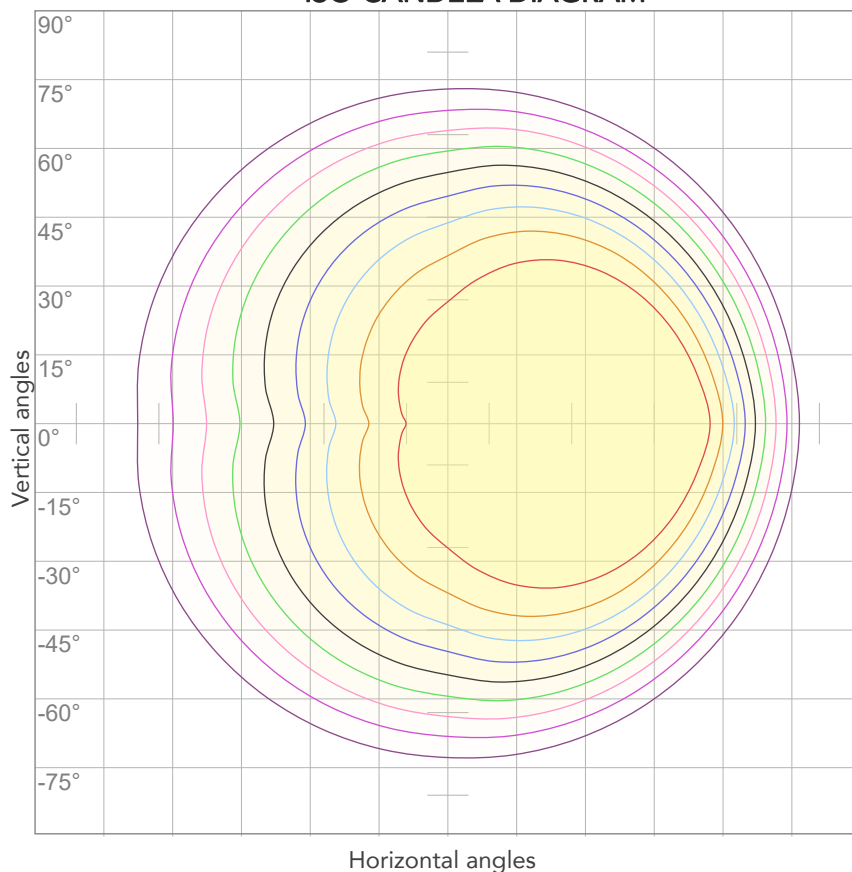


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,175A	37,3W	0,94	67lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



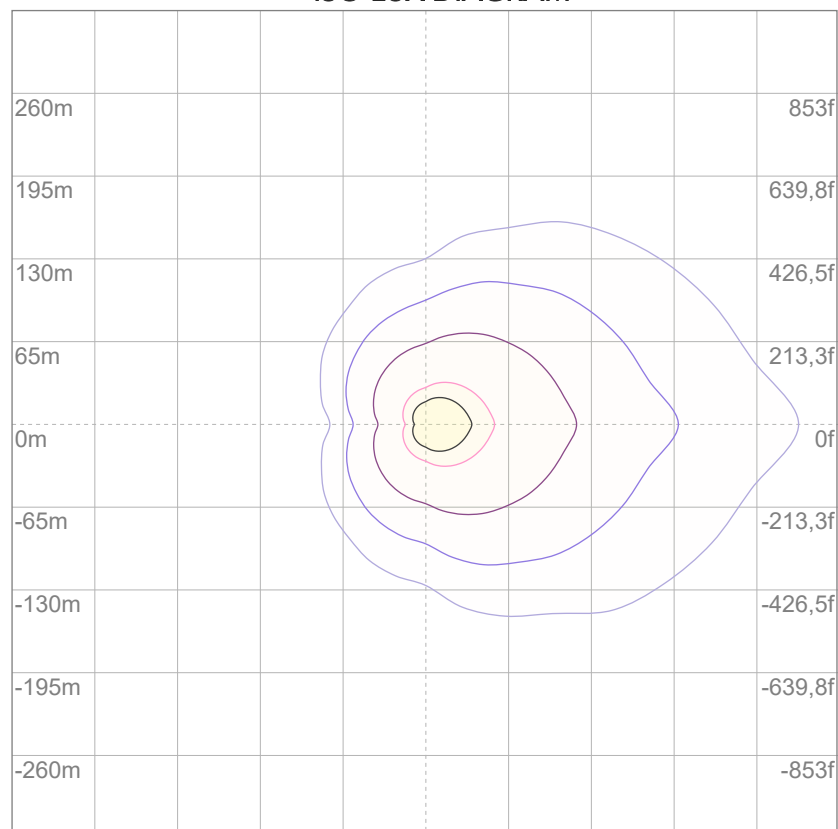
10%	74 cd
20%	148 cd
30%	222 cd
40%	296 cd
50%	370 cd
60%	444 cd
70%	518 cd
80%	592 cd

Conditions:

Number of c-planes: 4

Candela at center: 741 cd

ISO LUX DIAGRAM



3%	0,222 lx
5%	0,370 lx
10%	0,741 lx
30%	2,22 lx
50%	3,70 lx

Conditions:

Number of c-planes: 4

Lux at center: 7,41 lx

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



Total lumen output:

2904 lm

Peak candela output:

1559 cd

Light quality:

CRI: 95,1

Color temperature:

2868 K

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

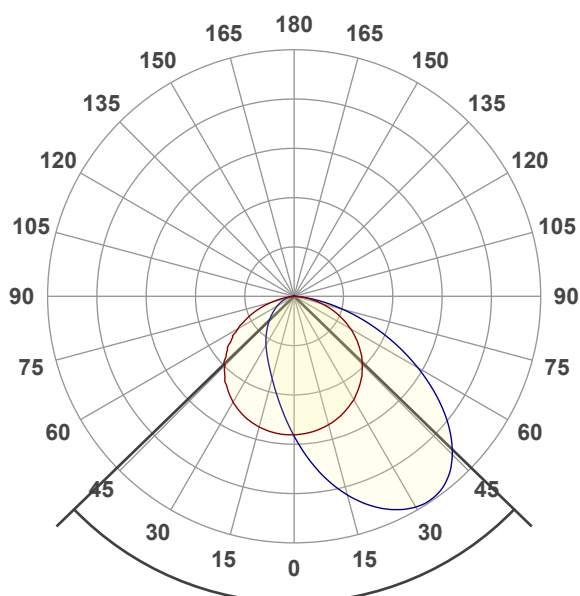
2800K

Operator:

Salvatore Giglio

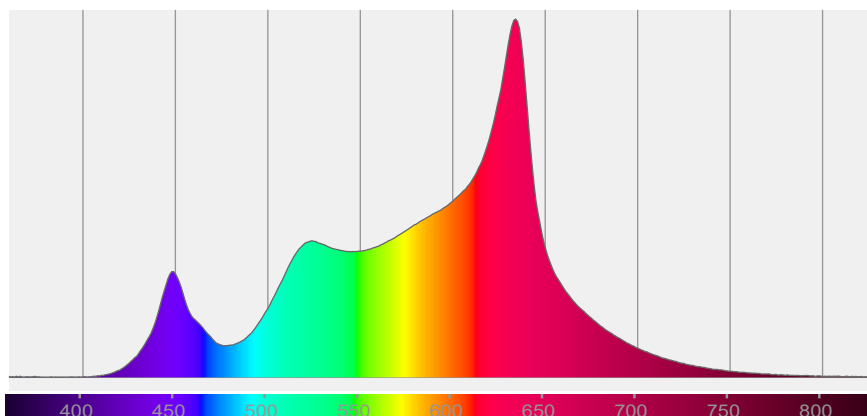
Date and time:

05/02/2025 12:34:51

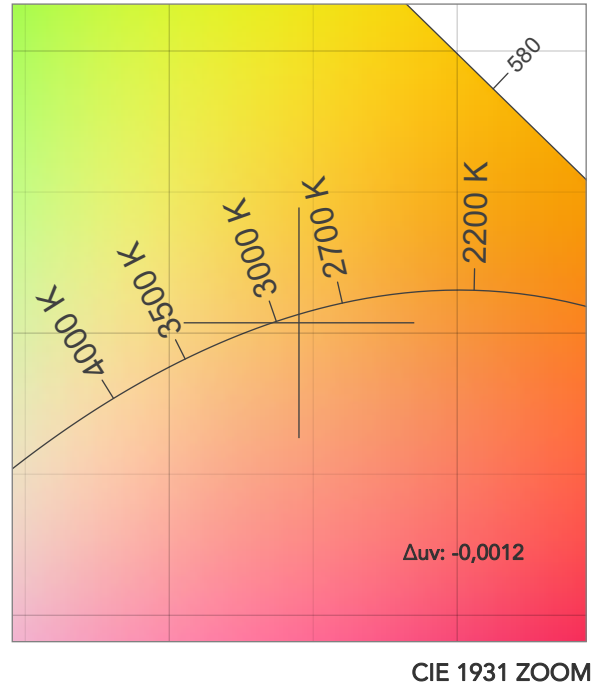
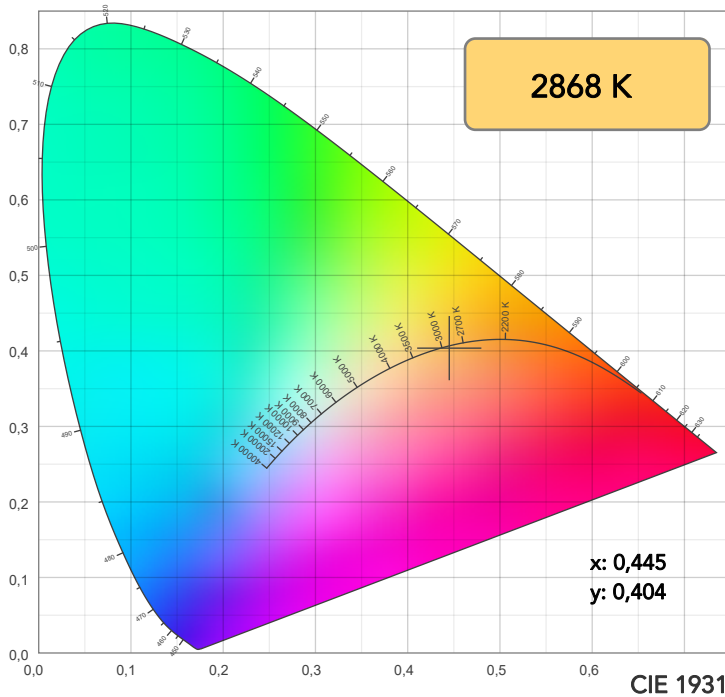


	Blue curve V	Red curve H
Beam angle 50%:	67,2°	116,5°
Field angle 10%:	135°	160,3°
Cut off angle 2.5%:	162,3°	171,3°

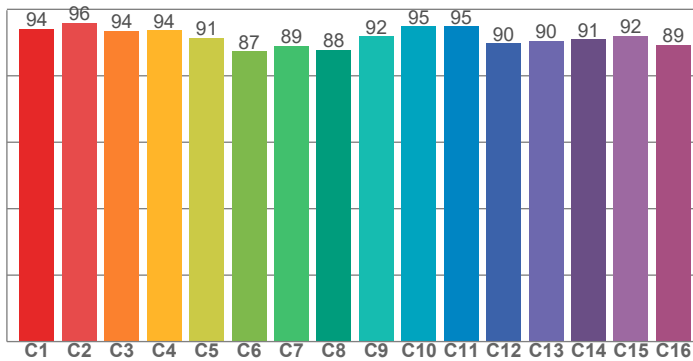
Spectra



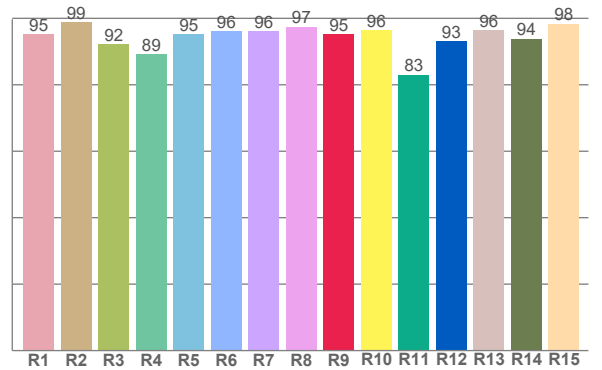
COLOR DETAILS



TM30: 92,2



CRI: 95,1 (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
95,3	98,8	92,3	89,2	95,2	96,0	96,1	97,5	95,1	96,4	83,0	93,2	96,5	93,9	98,4

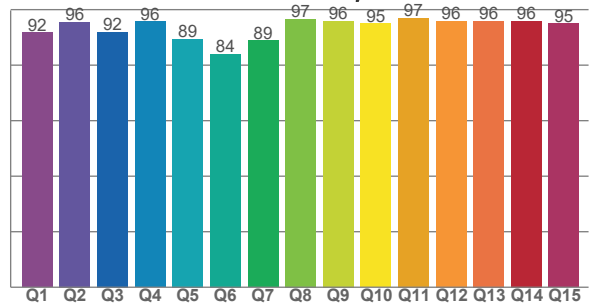
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,2	95,9	93,6	93,6	91,5	87,3	89,0	87,8	91,9	94,8	94,9	89,8	90,5	90,9	92,1	89,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,8	95,6	92,0	95,8	89,3	84,1	88,9	96,6	95,8	95,0	97,0	96,0	96,0	95,9	94,9

CQS: 92,4



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
2868 K	95,1	95,1	92,2	105,8	92,4	84	0,445	0,404	-0,0012

TM30 DETAILS

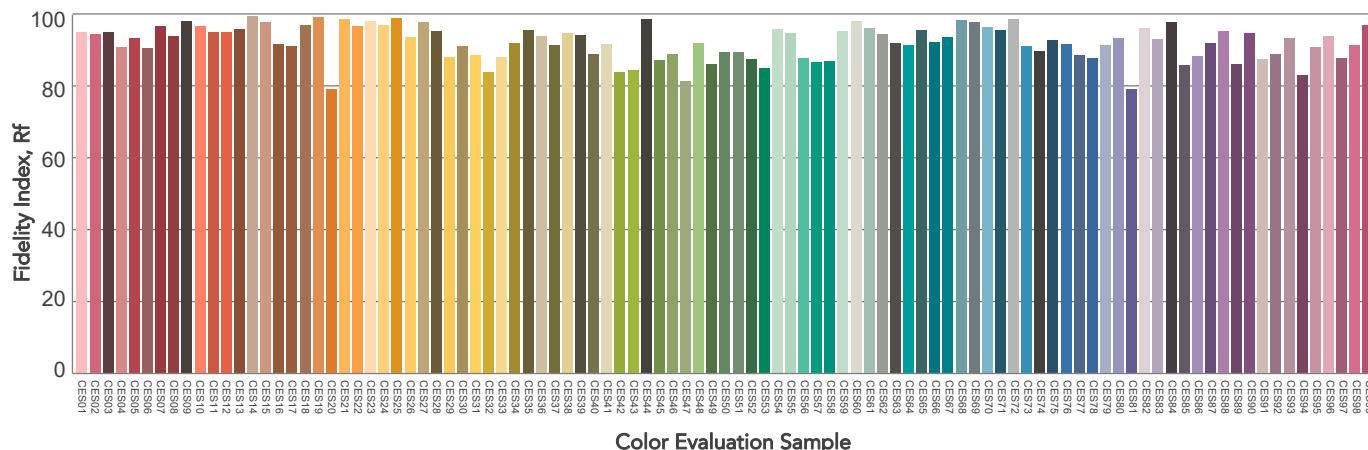
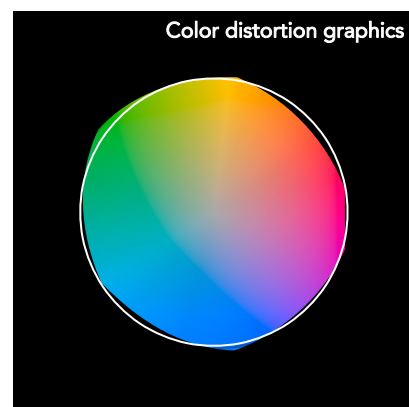
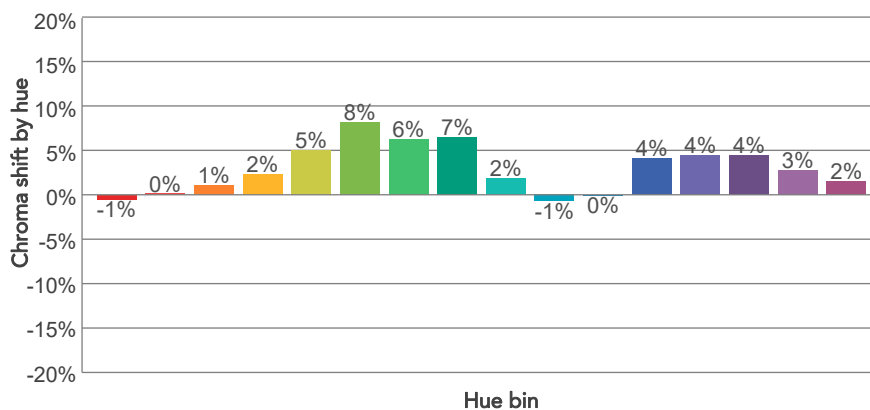
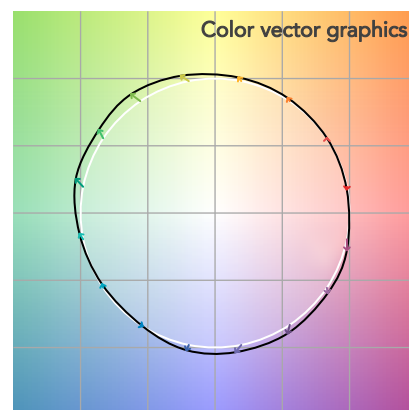
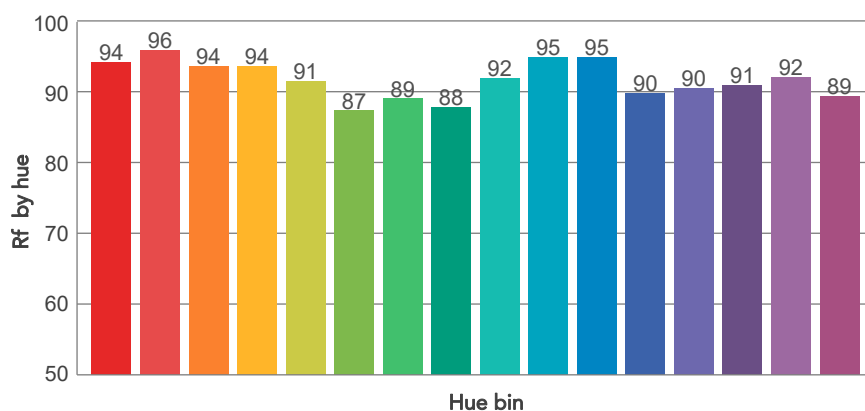
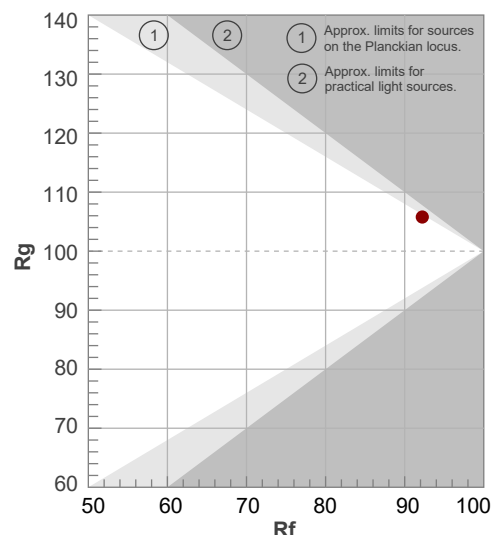
Rf 92,2

Fidelity index Rf

Rg 105,8

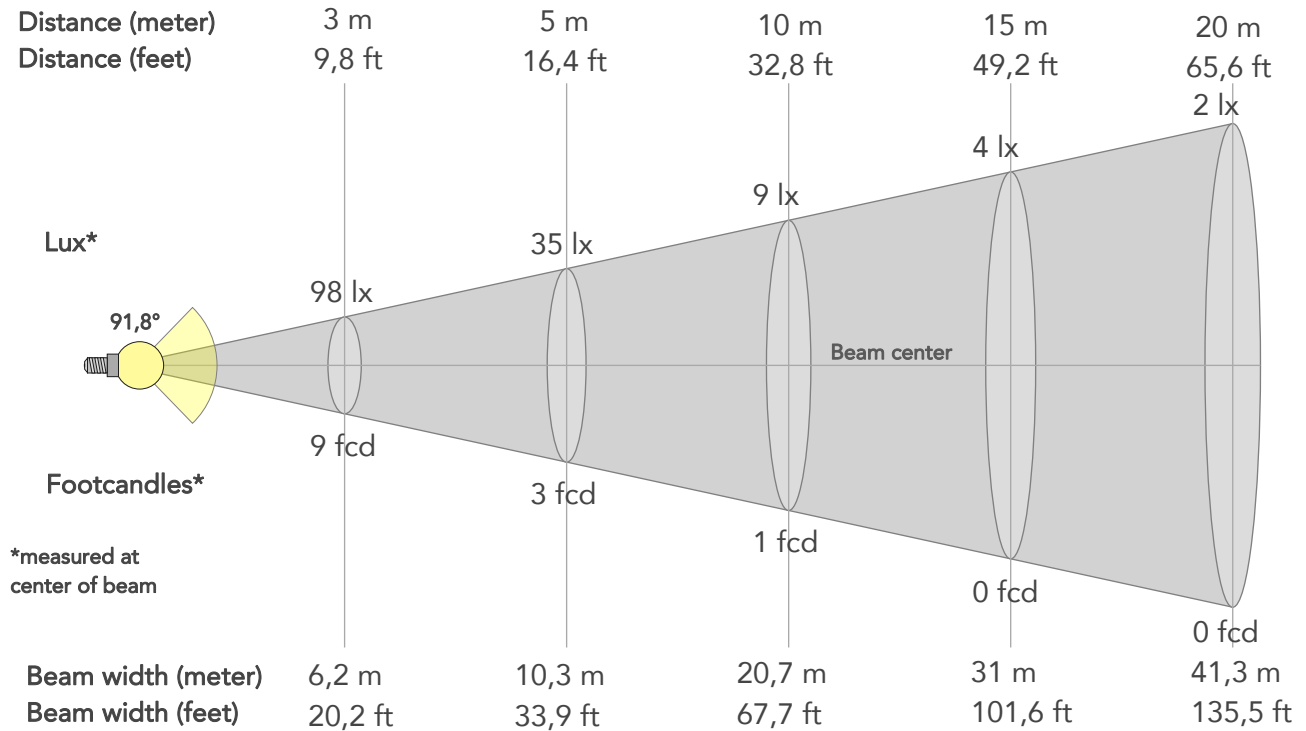
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	-1%	-2%
2	96	0%	0%
3	94	1%	3%
4	94	2%	3%
5	91	5%	5%
6	87	8%	3%
7	89	6%	-3%
8	88	7%	-5%
9	92	2%	-5%
10	95	-1%	-3%
11	95	0%	2%
12	90	4%	-1%
13	90	4%	-5%
14	91	4%	-5%
15	92	3%	-3%
16	89	2%	-8%



BEAM DETAILS

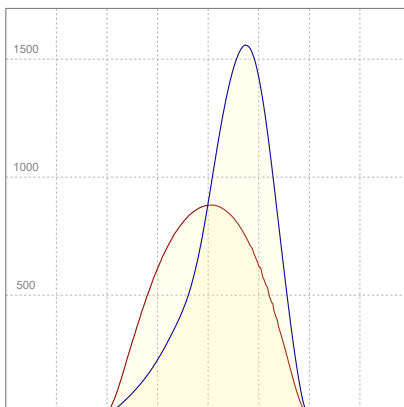
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
91,8°	147,6°	166,8°	79,7%	53,0%



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	886lx	221lx	98lx	55lx	35lx	16lx	9lx	4lx	2lx	1lx	1lx	1lx	0lx
Footcand.	82fcd	21fcd	9fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,1m	4,1m	6,2m	8,3m	10,3m	15,5m	20,7m	31m	41,3m	51,6m	62m	82,6m	103,3m
Beam wid.	6,8ft	13,6ft	20,2ft	27,1ft	33,9ft	50,8ft	67,7ft	101,6ft	135,5ft	169,3ft	203,2ft	270,9ft	338,7ft

LINEAR DISTRIBUTION DIAGRAM

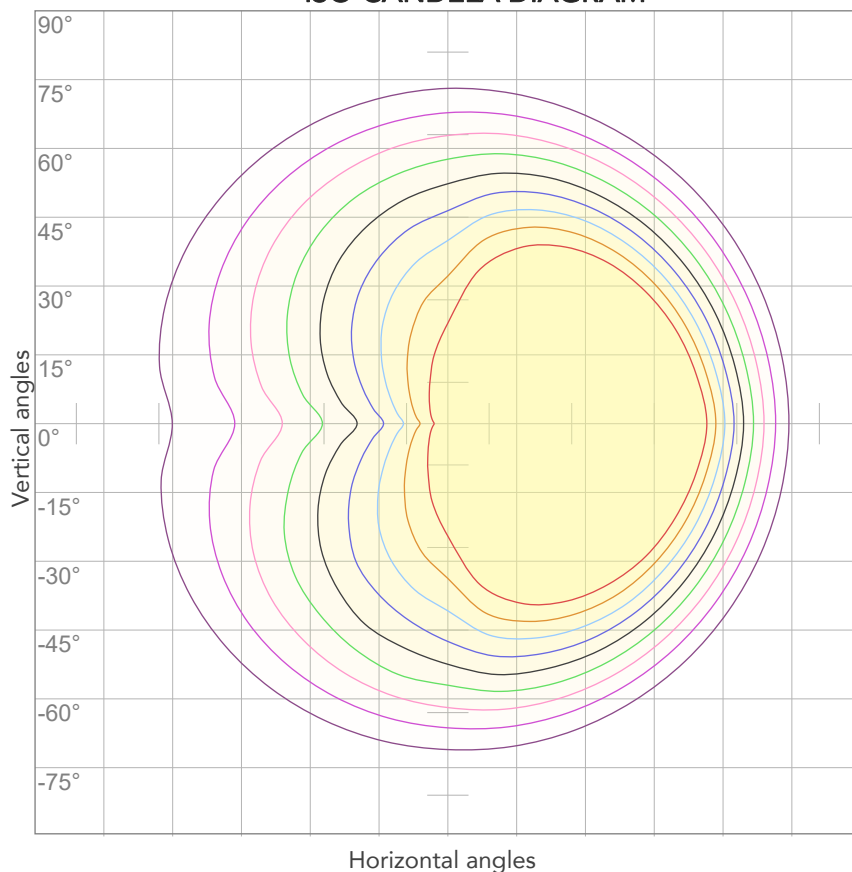


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,222A	48,5W	0,96	60lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



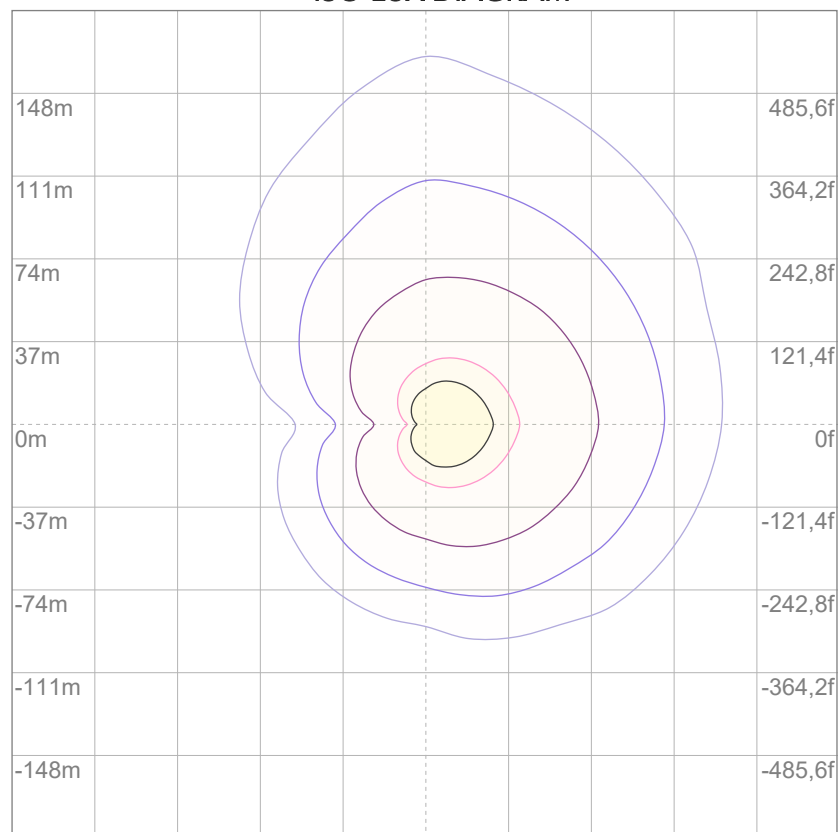
10%	89 cd
20%	177 cd
30%	266 cd
40%	354 cd
50%	443 cd
60%	531 cd
70%	620 cd
80%	708 cd

Conditions:

Number of c-planes: 4

Candela at center: 886 cd

ISO LUX DIAGRAM



3%	0,266 lx
5%	0,443 lx
10%	0,886 lx
30%	2,66 lx
50%	4,43 lx

Conditions:

Number of c-planes: 4

Lux at center: 8,86 lx

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



Total lumen output:

2871 lm

Peak candela output:

1067 cd

Light quality:

CRI: 95,0

Color temperature:

2853 K

PRODUCT NAME:

Gallery WashDATFC

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

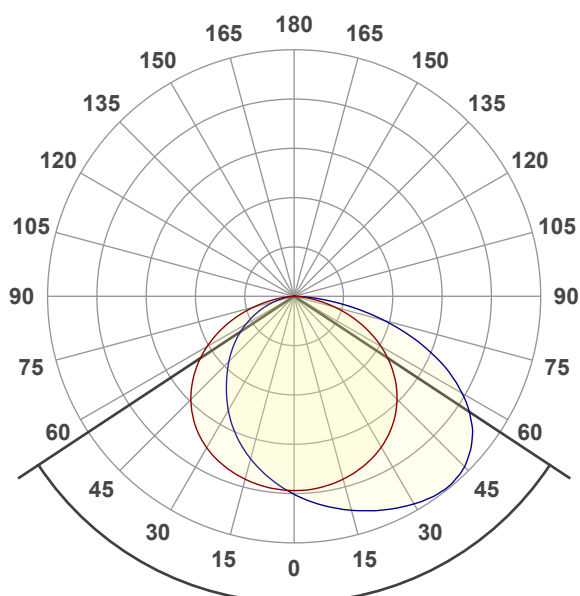
2800K

Operator:

Salvatore Giglio

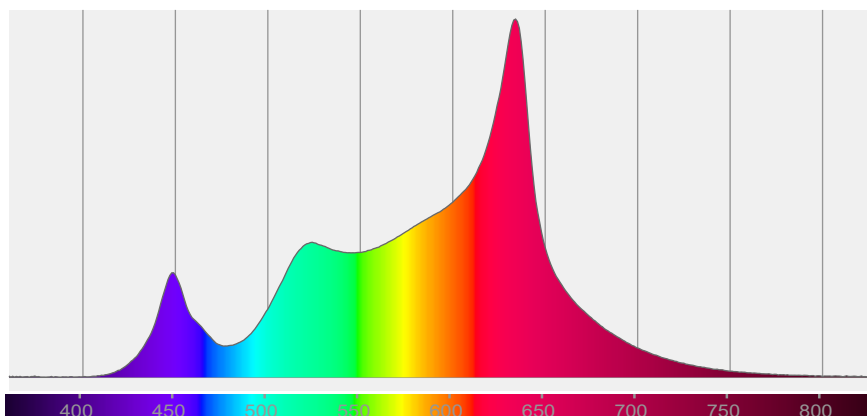
Date and time:

05/02/2025 14:03:05

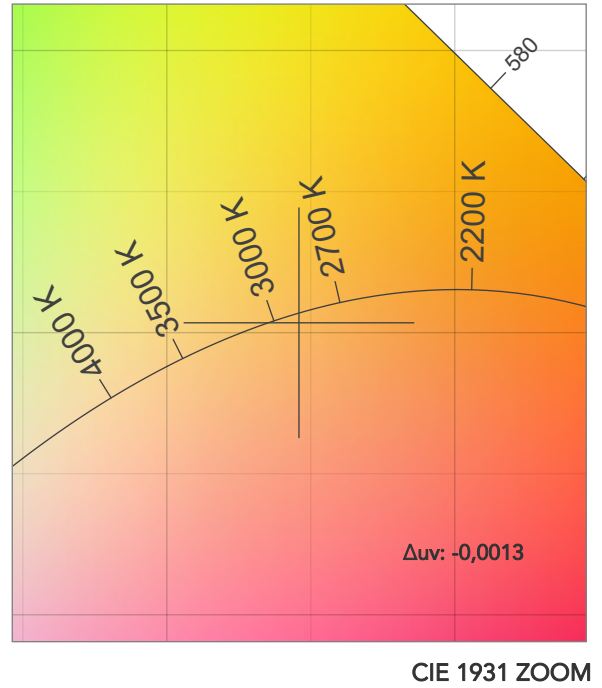
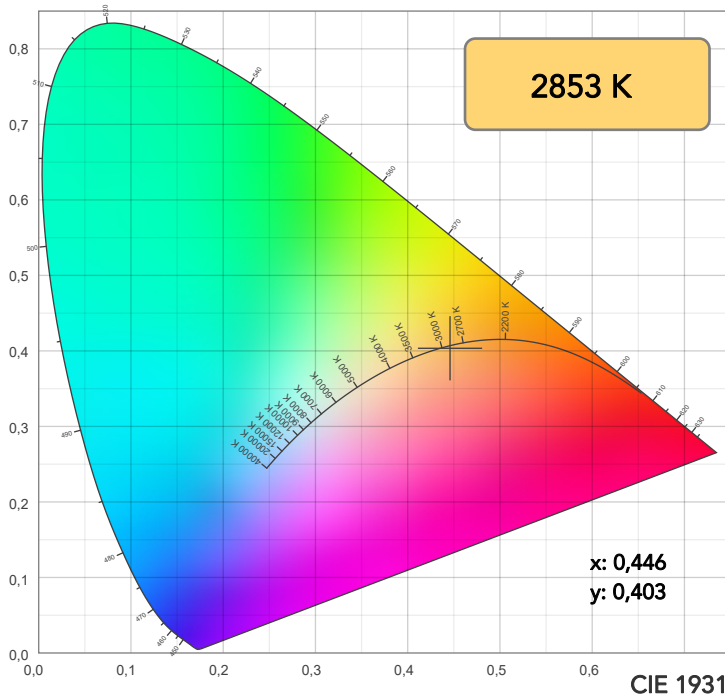


	Blue curve V	Red curve H
Beam angle 50%:	104,5°	121,9°
Field angle 10%:	157,3°	162,1°
Cut off angle 2.5%:	170,3°	172,1°

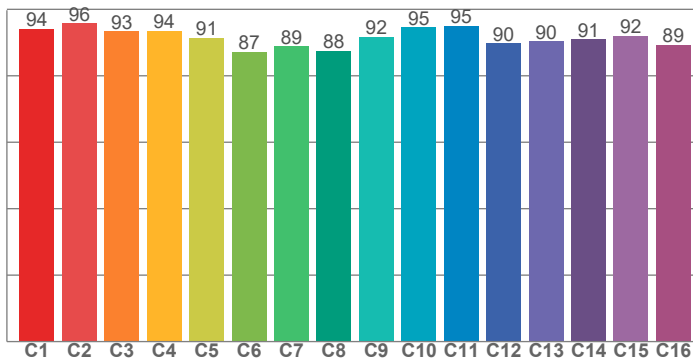
Spectra



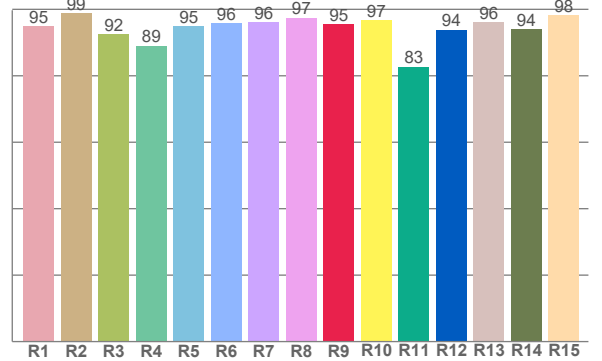
COLOR DETAILS



TM30: 92,2



CRI: 95,0 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95,0	98,9	92,4	89,1	94,9	95,7	96,1	97,5	95,5	96,8	82,7	93,9	96,2	94,0	98,3

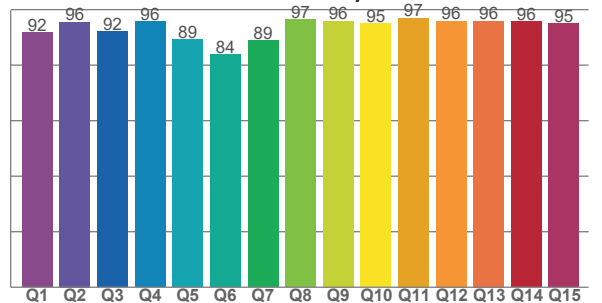
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,1	95,8	93,5	93,6	91,4	87,2	88,8	87,6	91,8	94,7	95,0	89,7	90,4	90,9	92,0	89,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,7	95,6	92,1	95,7	89,2	83,9	88,8	96,5	95,9	95,0	97,0	95,9	96,0	95,7	95,0

CQS: 92,3



COLOR PARAMETERS

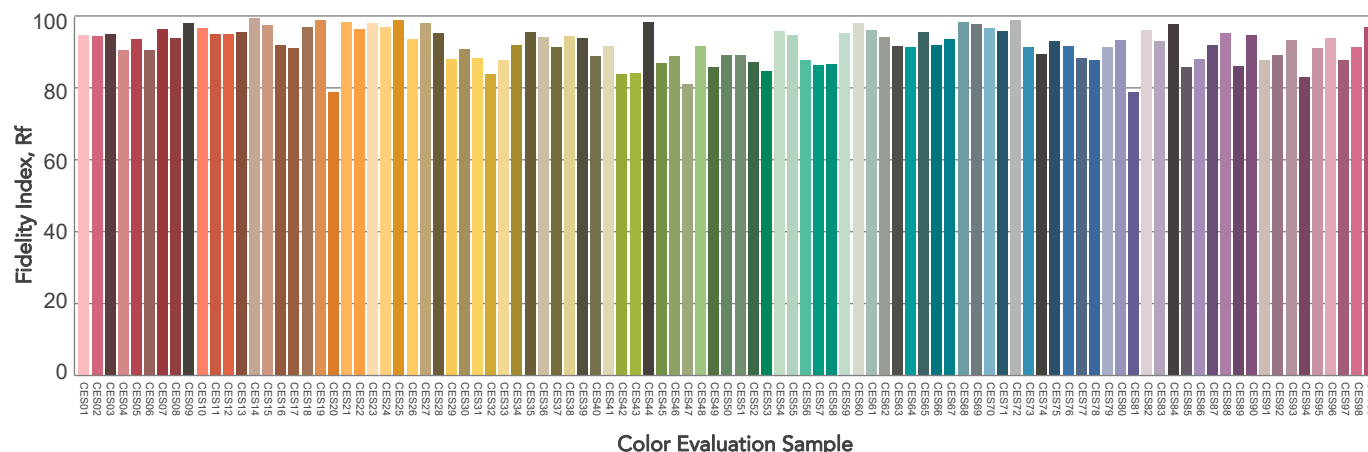
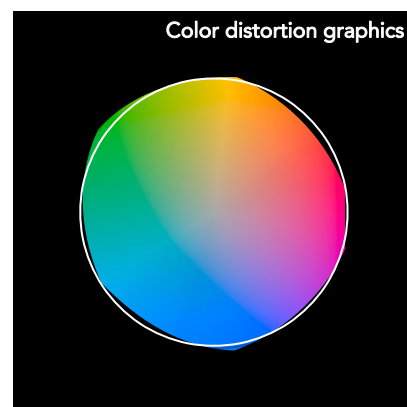
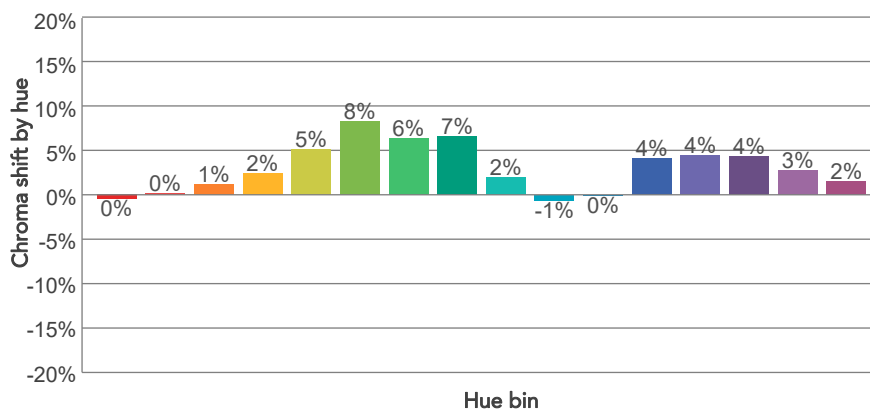
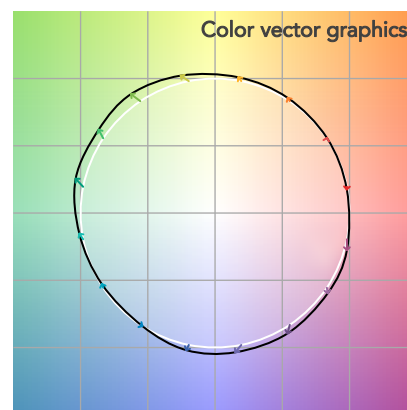
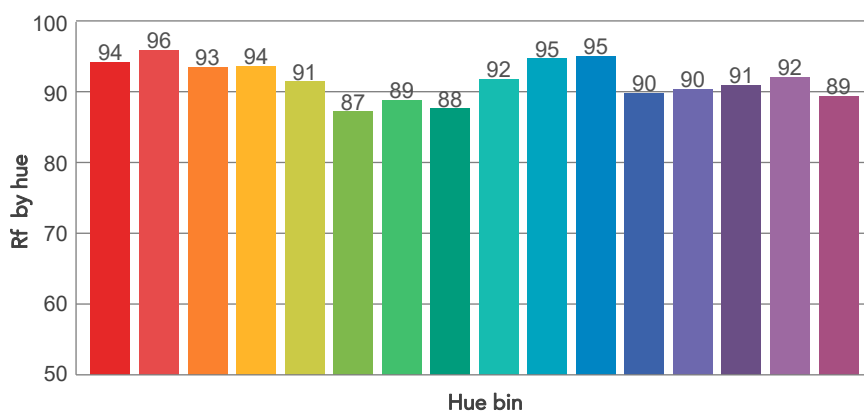
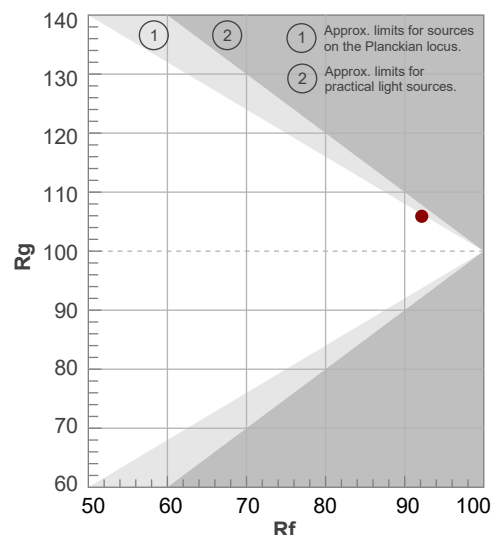
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2853 K	95,0	95,5	92,2	105,9	92,3	83	0,446	0,403	-0,0013

TM30 DETAILS

Rf 92,2
Fidelity index Rf

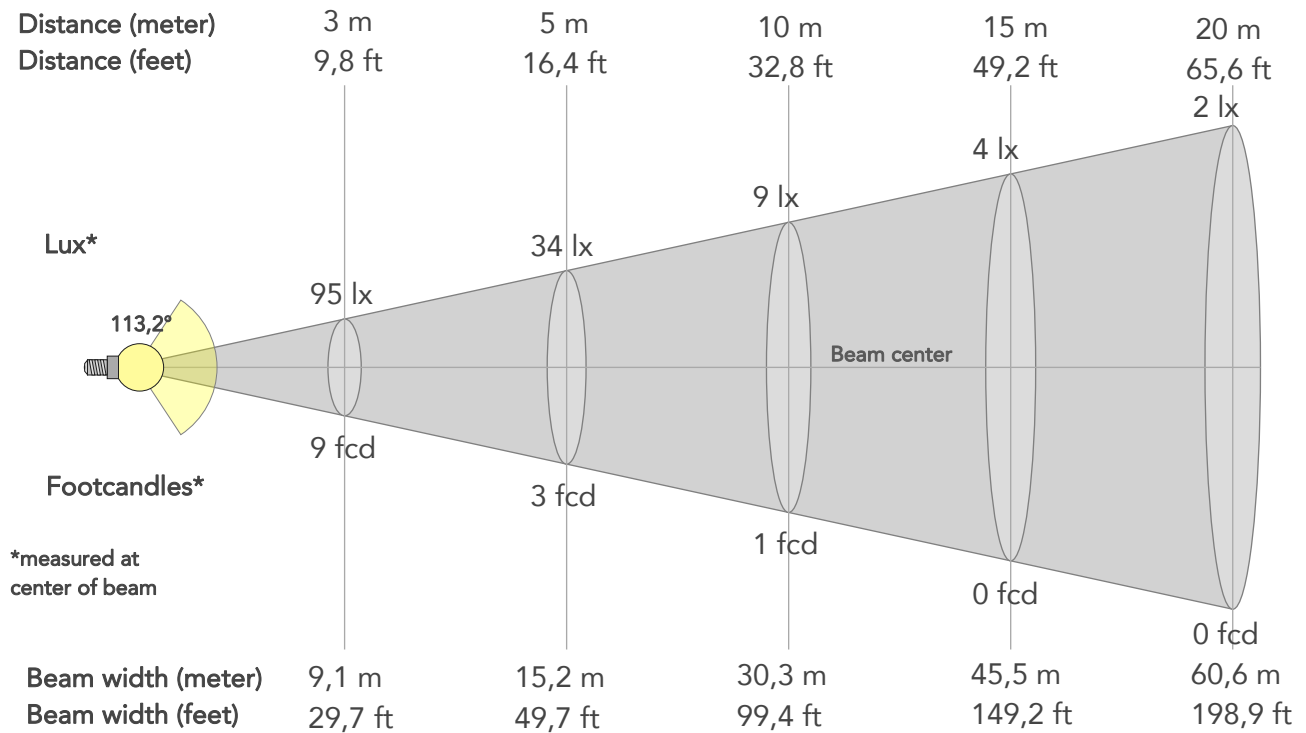
Rg 105,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	0%	-2%
2	96	0%	0%
3	93	1%	3%
4	94	2%	3%
5	91	5%	5%
6	87	8%	3%
7	89	6%	-3%
8	88	7%	-5%
9	92	2%	-5%
10	95	-1%	-3%
11	95	0%	2%
12	90	4%	-1%
13	90	4%	-5%
14	91	4%	-5%
15	92	3%	-3%
16	89	2%	-8%



BEAM DETAILS

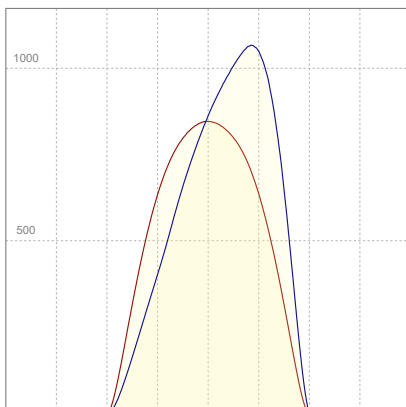
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
113,2°	159,7°	171,2°	76,3%	49,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	854lx	213lx	95lx	53lx	34lx	15lx	9lx	4lx	2lx	1lx	1lx	1lx	0lx
Footcand.	79fcd	20fcd	9fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3m	6,1m	9,1m	12,1m	15,2m	22,7m	30,3m	45,5m	60,6m	75,8m	90,9m	121,3m	151,6m
Beam wid.	10ft	20ft	29,7ft	39,7ft	49,7ft	74,6ft	99,4ft	149,2ft	198,9ft	248,6ft	298,3ft	397,7ft	497,2ft

LINEAR DISTRIBUTION DIAGRAM

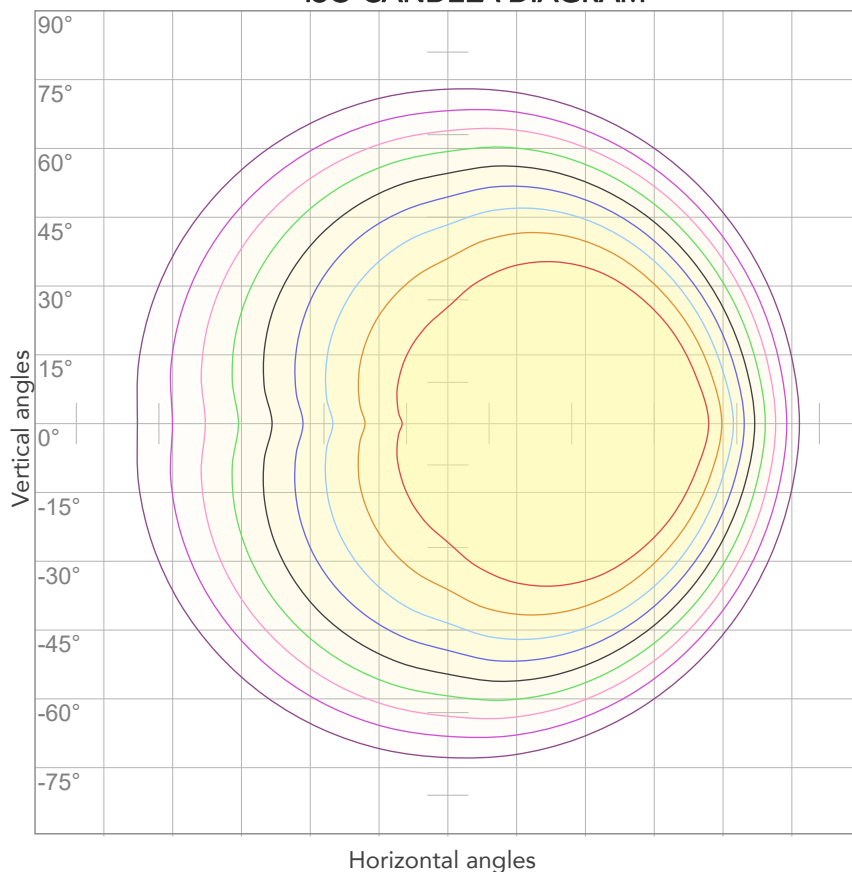


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,223A	48,8W	0,96	59lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



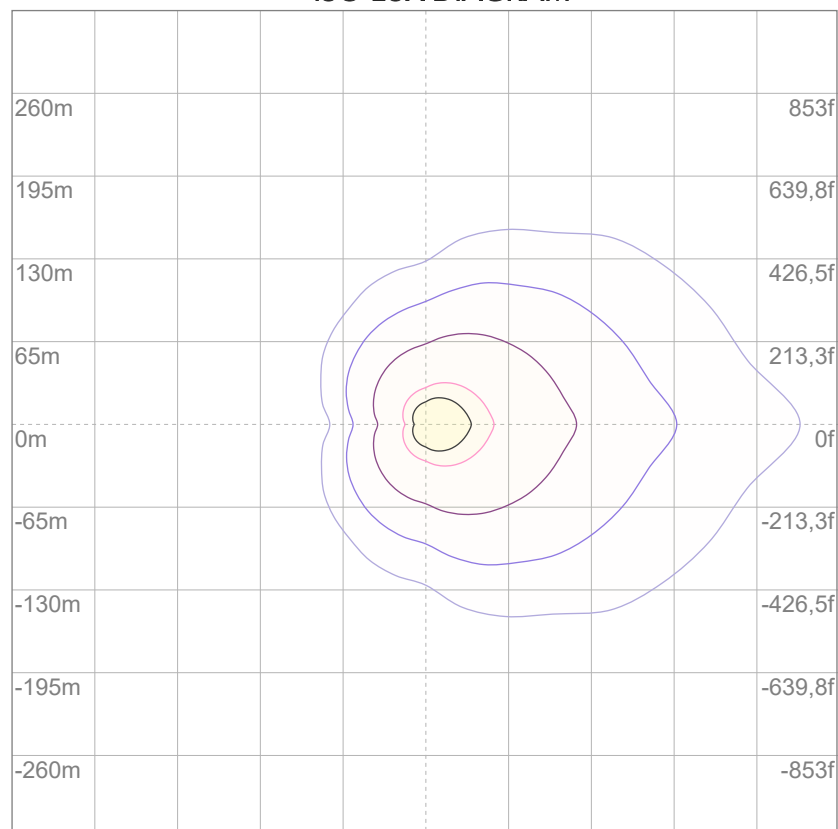
10%	85 cd
20%	171 cd
30%	256 cd
40%	342 cd
50%	427 cd
60%	512 cd
70%	598 cd
80%	683 cd

Conditions:

Number of c-planes: 4

Candela at center: 854 cd

ISO LUX DIAGRAM



3%	0,256 lx
5%	0,427 lx
10%	0,854 lx
30%	2,56 lx
50%	4,27 lx

Conditions:

Number of c-planes: 4

Lux at center: 8,54 lx

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



Total lumen output:

2932 lm

Peak candela output:

1578 cd

Light quality:

CRI: 95,3

Color temperature:

3201 K

PRODUCT NAME:

Gallery WashDATFC

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

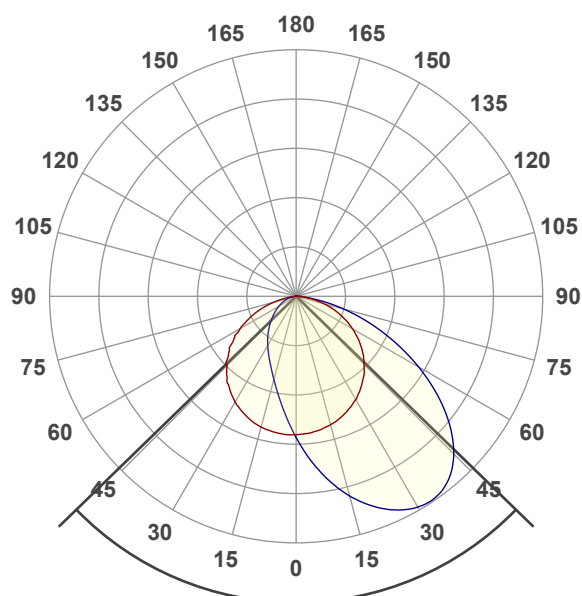
3200K

Operator:

Salvatore Giglio

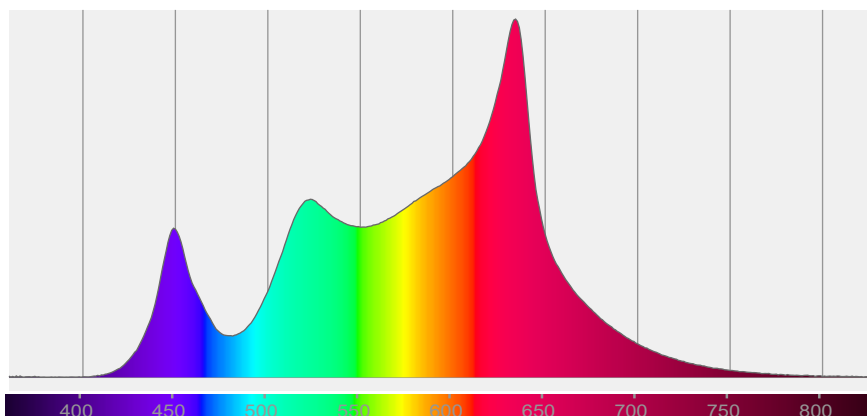
Date and time:

05/02/2025 12:37:52

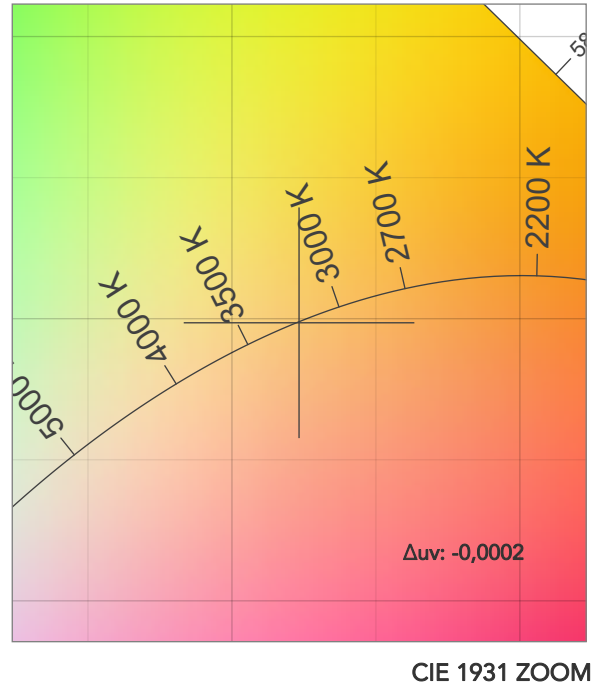
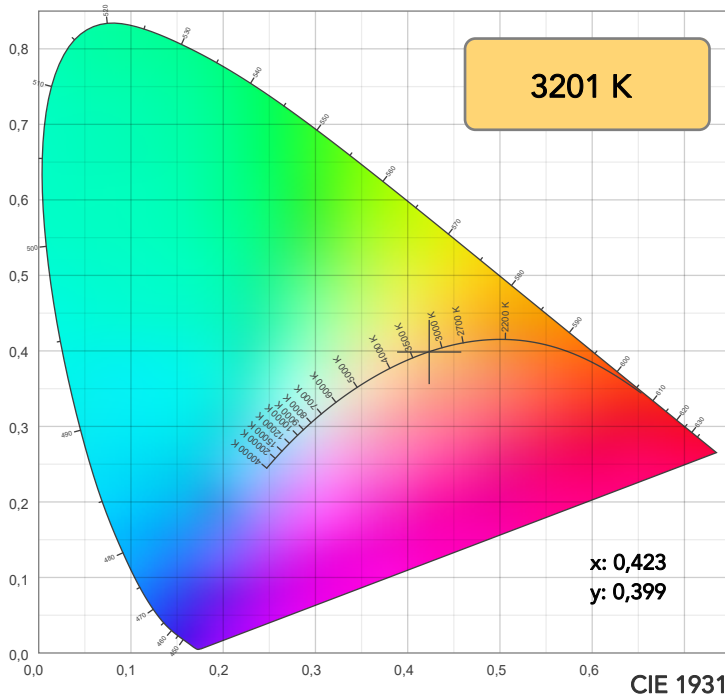


	Blue curve V	Red curve H
Beam angle 50%:	67,2°	116,2°
Field angle 10%:	135°	160,2°
Cut off angle 2.5%:	162,3°	171,2°

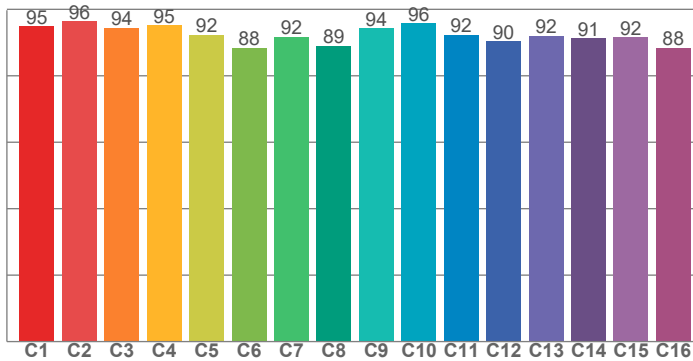
Spectra



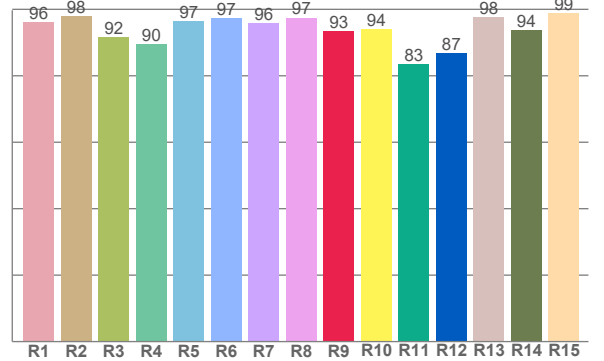
COLOR DETAILS



TM30: 92,9



CRI: 95,3 (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
96,2	97,8	91,6	89,5	96,5	97,3	95,9	97,5	93,4	94,0	83,5	86,9	97,6	93,8	98,8

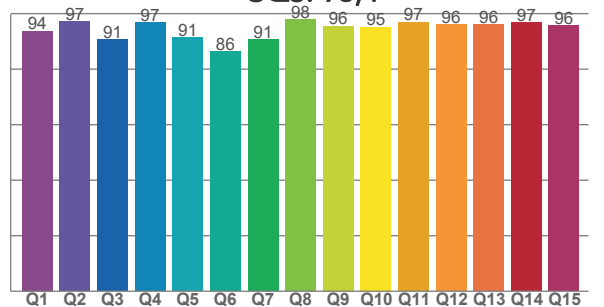
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,8	96,5	94,5	95,1	92,3	88,4	91,7	89,1	94,3	95,8	92,4	90,4	92,1	91,2	91,6	88,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,7	97,1	90,8	96,9	91,4	86,3	90,7	97,9	95,6	95,2	96,9	96,1	96,1	96,8	95,7

CQS: 93,4



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
3201 K	95,3	93,4	92,9	105,2	93,4	86	0,423	0,399	-0,0002

TM30 DETAILS

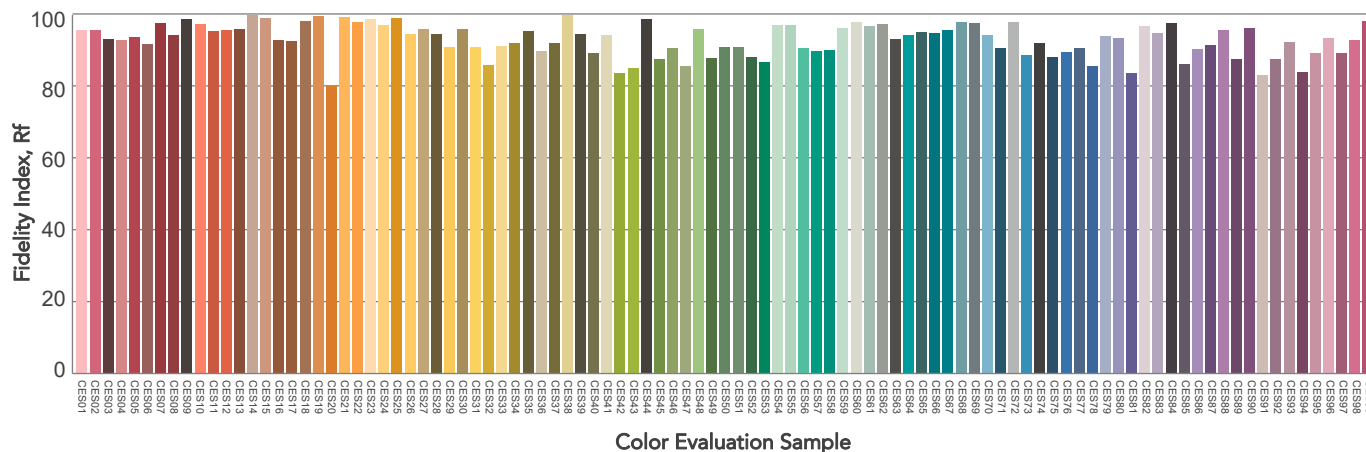
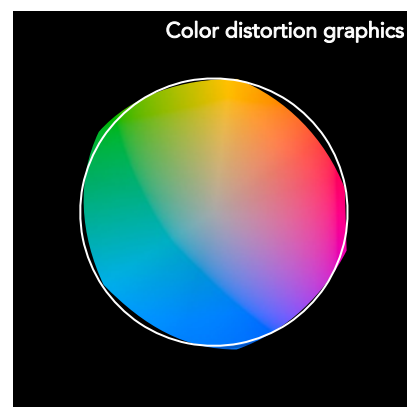
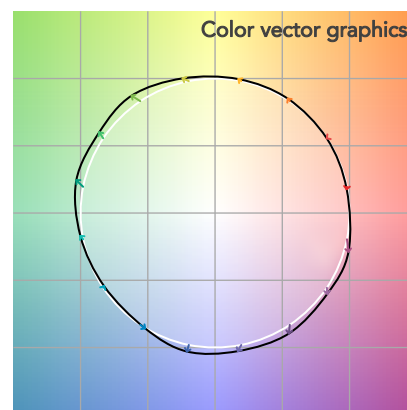
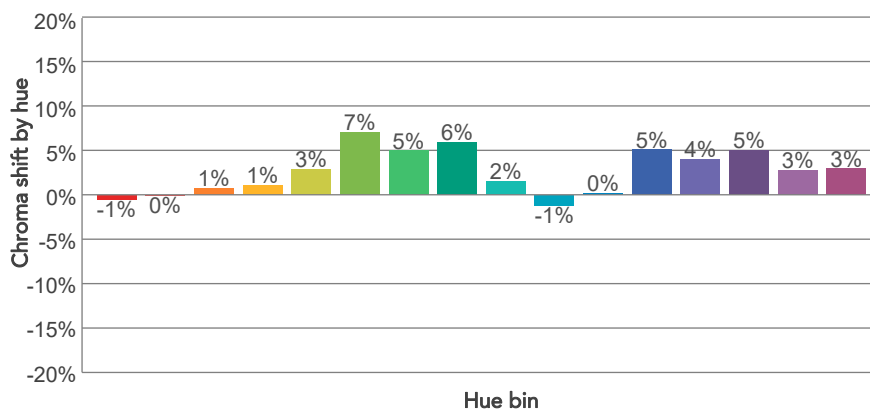
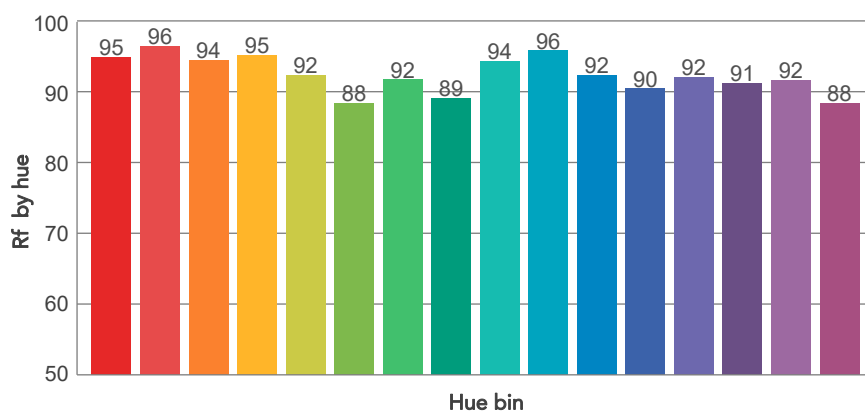
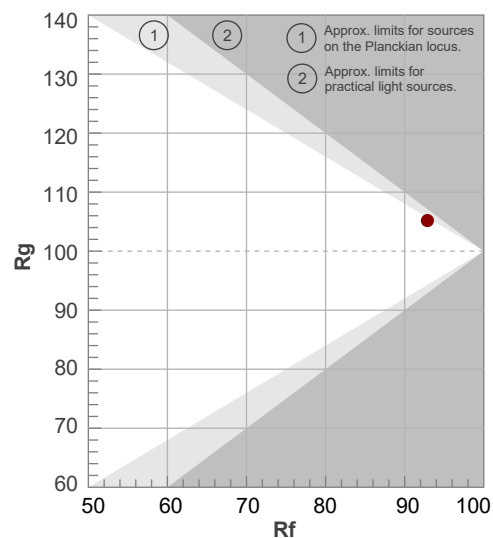
Rf 92,9

Fidelity index R_f

Rg 105,2

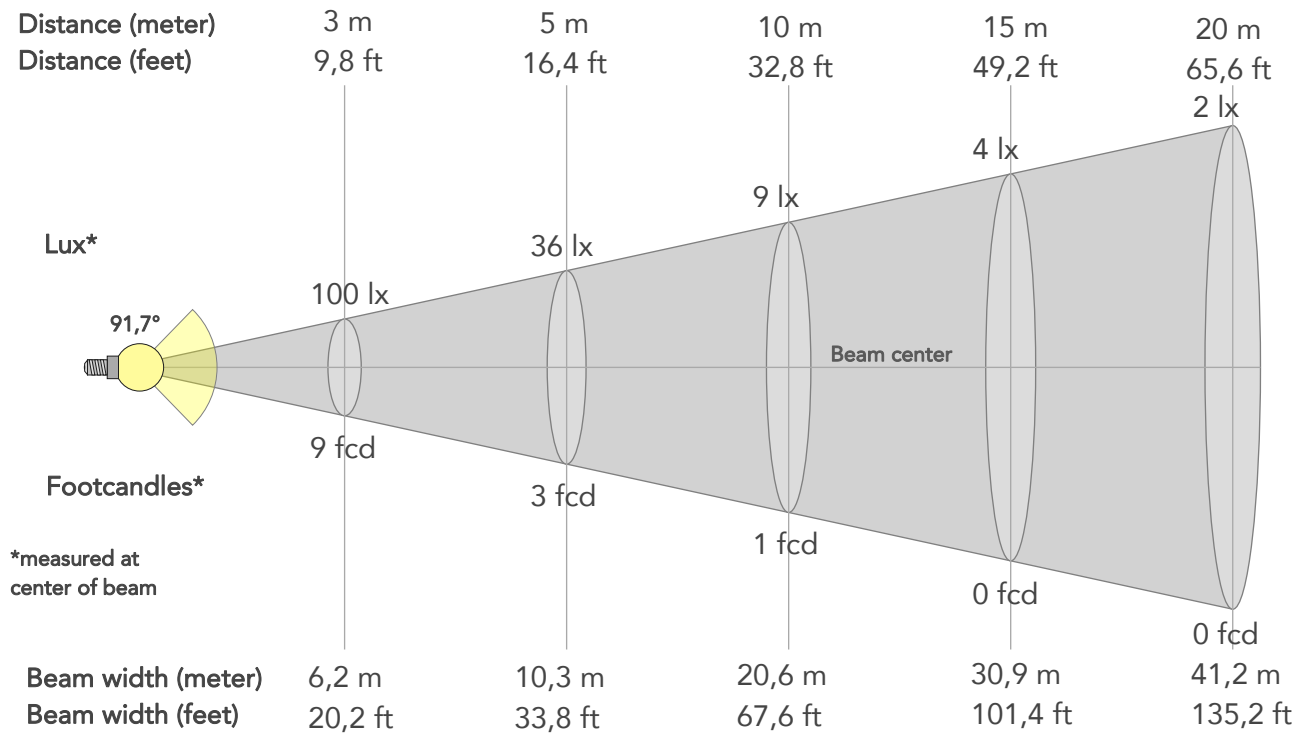
Gammut index

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



BEAM DETAILS

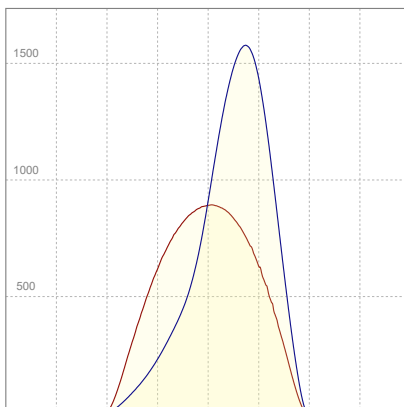
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
91,7°	147,6°	166,8°	79,9%	53,2%



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	900lx	225lx	100lx	56lx	36lx	16lx	9lx	4lx	2lx	1lx	1lx	1lx	0lx
Footcand.	84fcd	21fcd	9fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,1m	4,1m	6,2m	8,2m	10,3m	15,5m	20,6m	30,9m	41,2m	51,5m	61,8m	82,4m	103m
Beam wid.	6,8ft	13,6ft	20,2ft	27ft	33,8ft	50,7ft	67,6ft	101,4ft	135,2ft	168,9ft	202,7ft	270,3ft	337,9ft

LINEAR DISTRIBUTION DIAGRAM

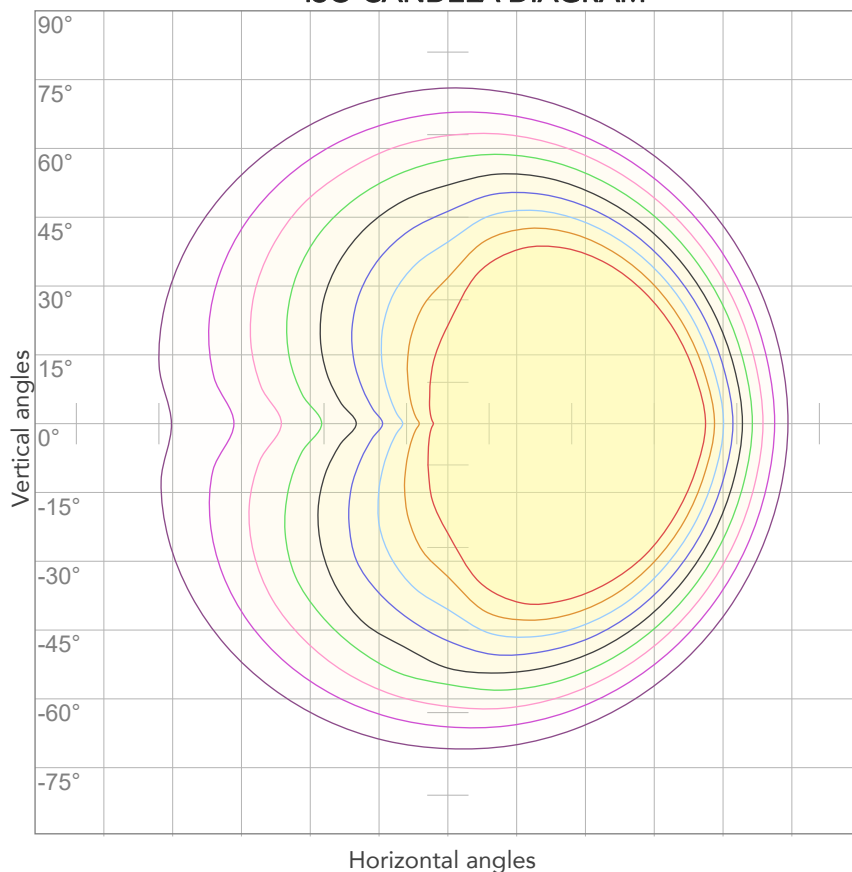


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,231A	50,8W	0,96	58lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



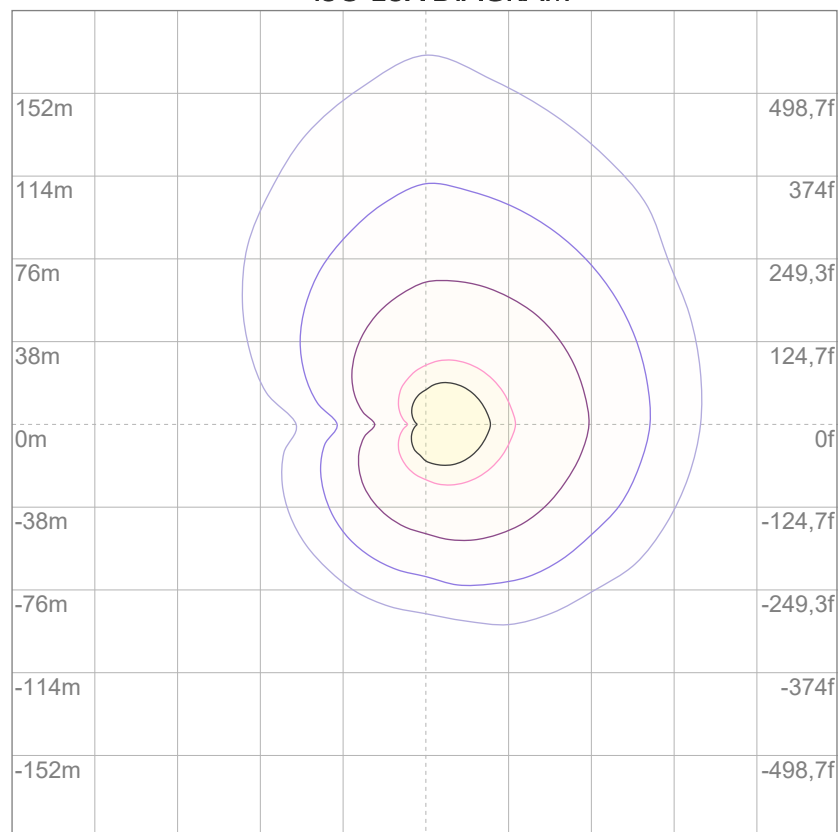
10%	90 cd
20%	180 cd
30%	270 cd
40%	360 cd
50%	450 cd
60%	540 cd
70%	630 cd
80%	720 cd

Conditions:

Number of c-planes: 4

Candela at center: 900 cd

ISO LUX DIAGRAM



3%	0,270 lx
5%	0,450 lx
10%	0,900 lx
30%	2,70 lx
50%	4,50 lx

Conditions:

Number of c-planes: 4

Lux at center: 9,00 lx

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



Total lumen output:

2616 lm

Peak candela output:

983 cd

Light quality:

CRI: 95,2

Color temperature:

3259 K

PRODUCT NAME:

Gallery WashDATFC

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

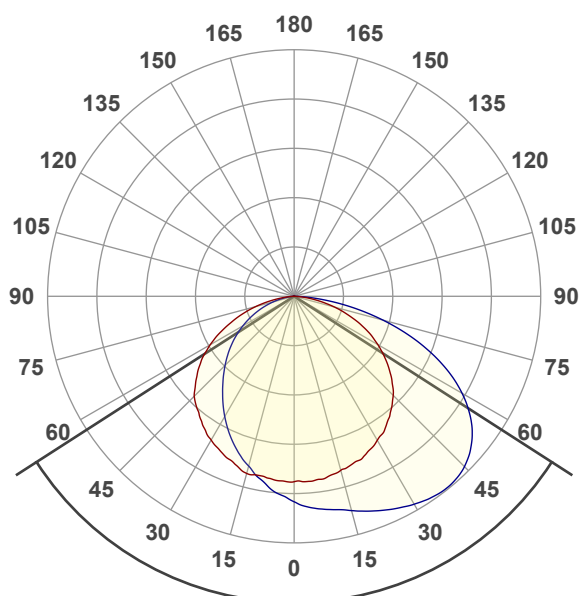
3200K

Operator:

Salvatore Giglio

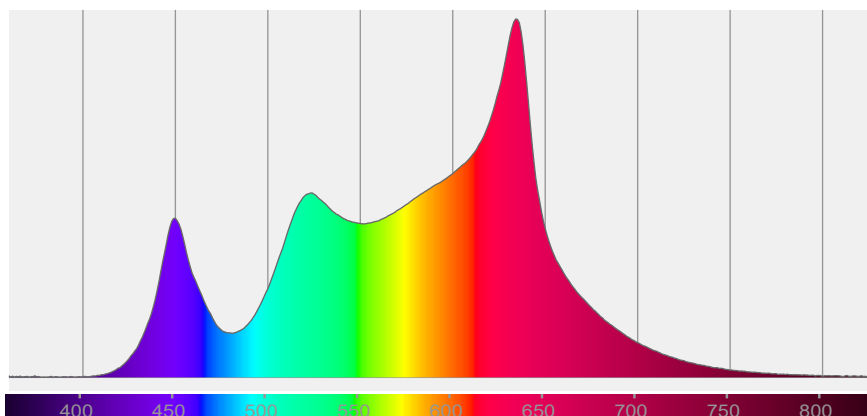
Date and time:

05/02/2025 14:24:55

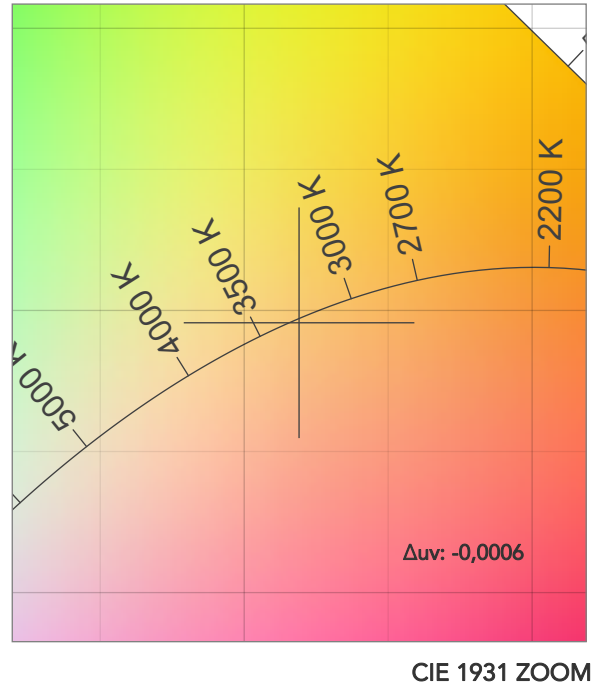
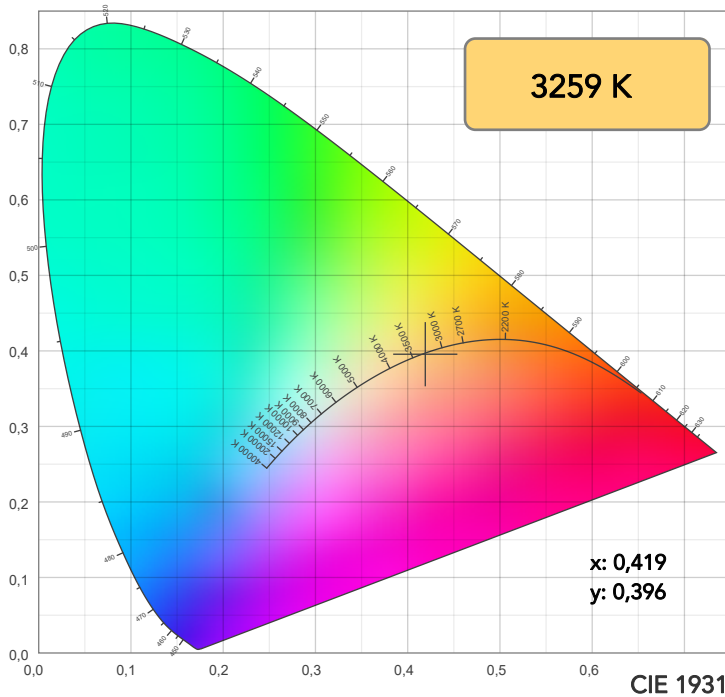


	Blue curve V	Red curve H
Beam angle 50%:	106,8°	122,2°
Field angle 10%:	157,9°	162,2°
Cut off angle 2.5%:	170,6°	172,1°

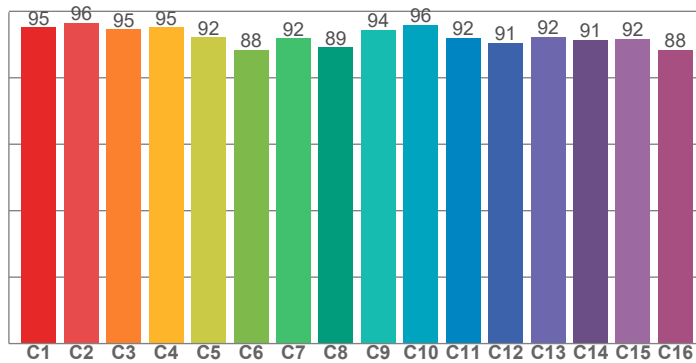
Spectra



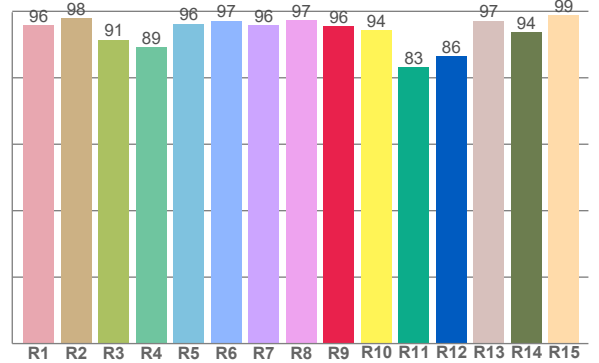
COLOR DETAILS



TM30: 92,9



CRI: 95,2 (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
95,8	98,0	91,5	89,3	96,3	97,2	95,8	97,4	95,6	94,4	83,2	86,4	97,2	93,7	98,9

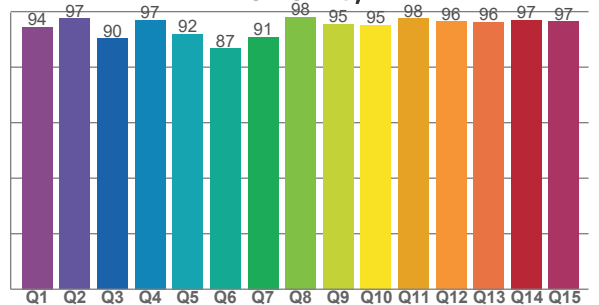
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,2	96,5	94,5	95,2	92,2	88,4	91,9	89,2	94,5	95,9	92,0	90,6	92,4	91,4	91,8	88,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,5	97,5	90,4	97,0	91,9	86,7	90,8	98,0	95,5	95,1	97,5	96,4	96,3	97,0	96,5

CQS: 93,7



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
3259 K	95,2	95,6	92,9	105,4	93,7	87	0,419	0,396	-0,0006

TM30 DETAILS

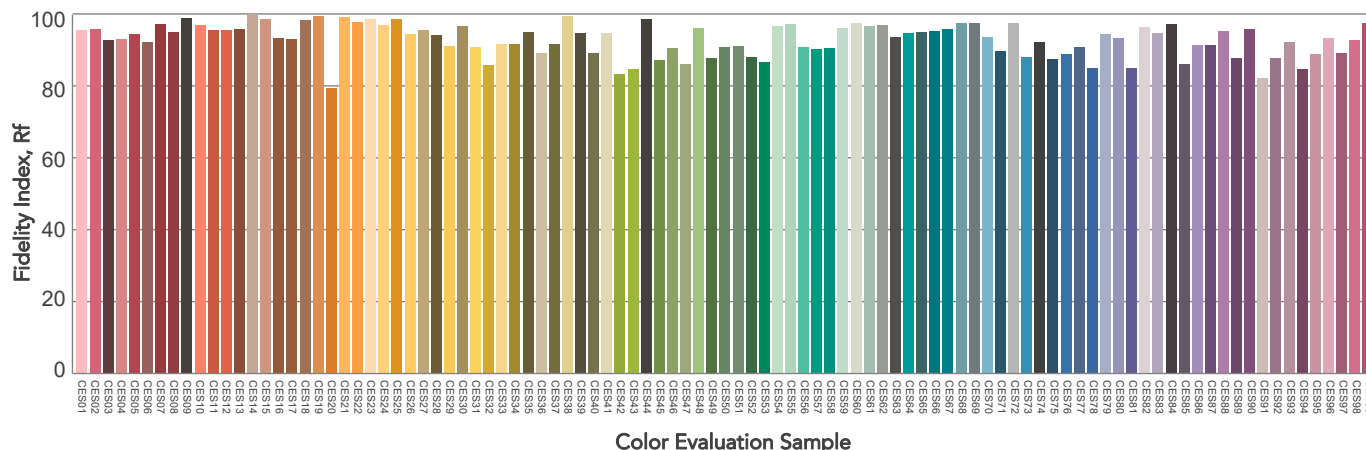
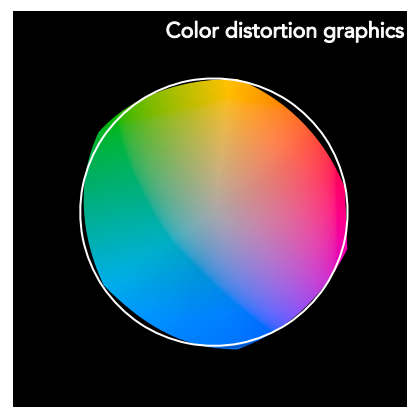
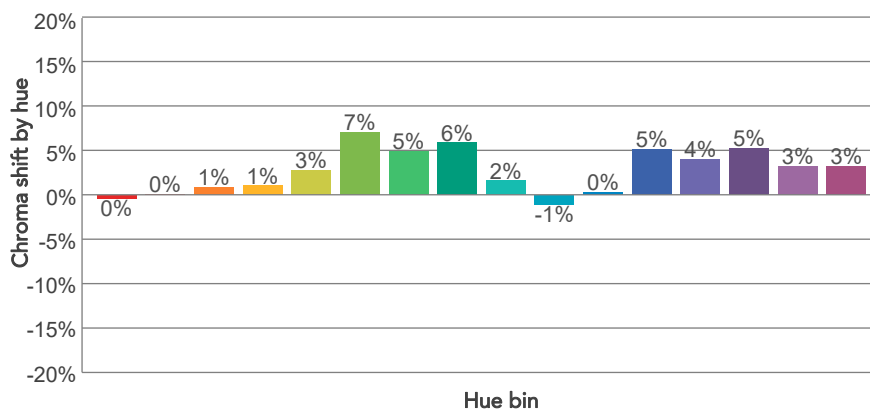
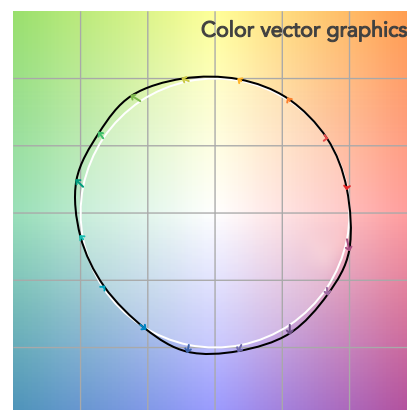
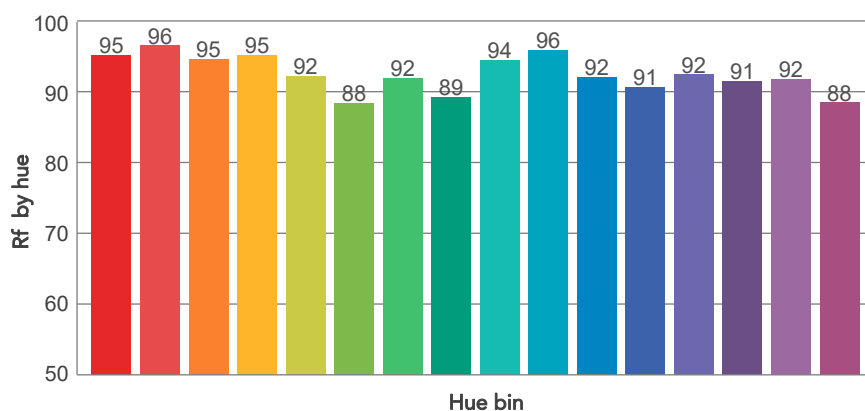
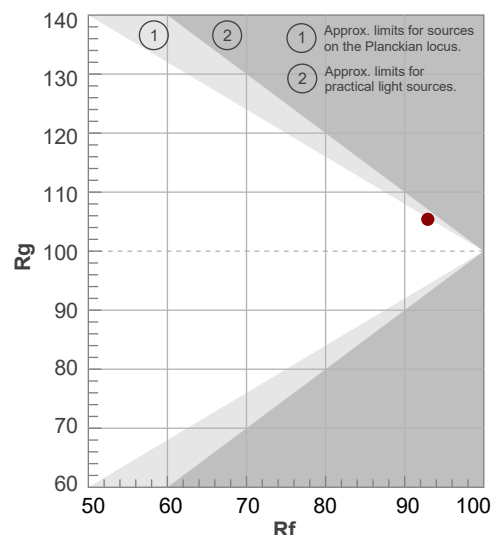
Rf 92,9

Fidelity index Rf

Rg 105,4

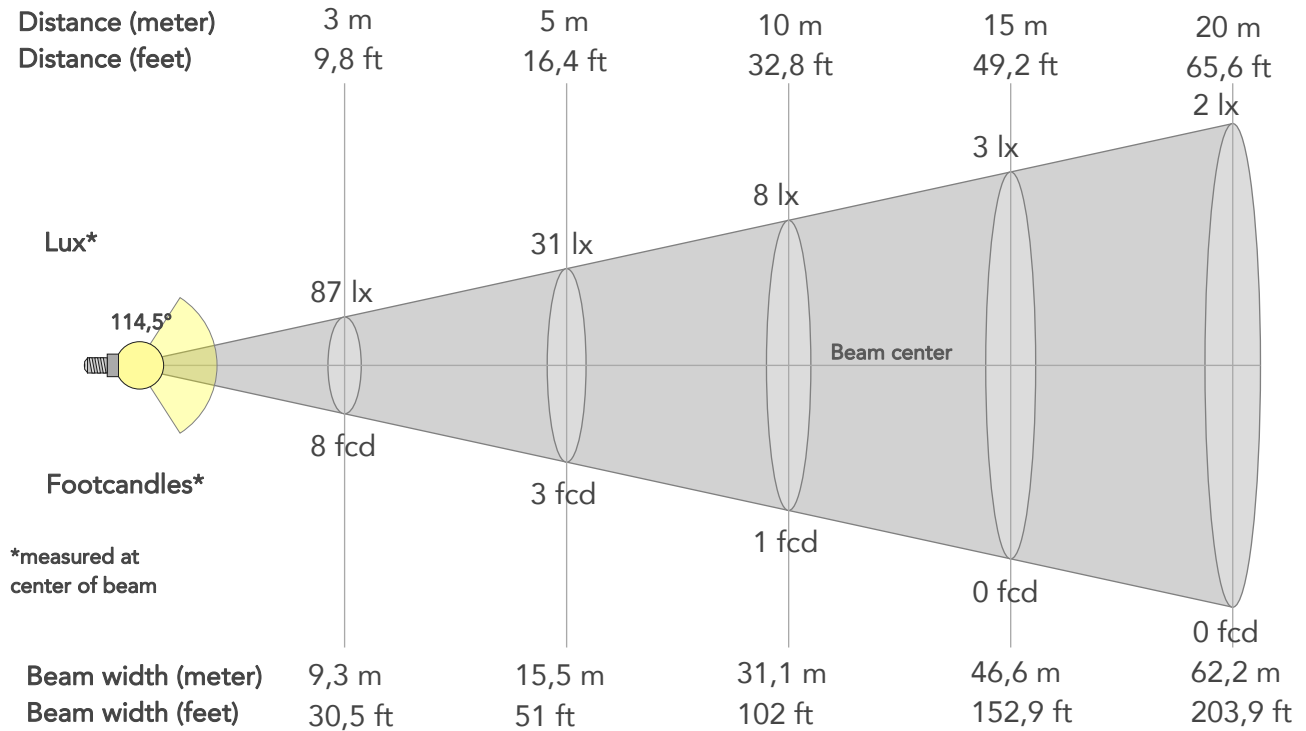
Gammut index

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



BEAM DETAILS

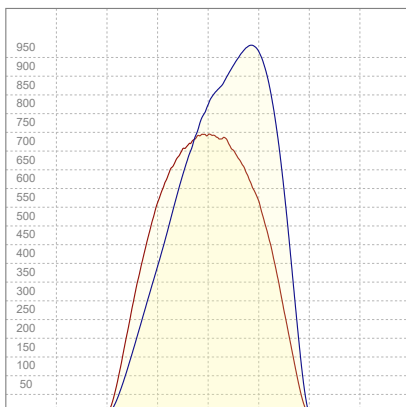
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,5°	160°	171,3°	76,4%	49,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	784lx	196lx	87lx	49lx	31lx	14lx	8lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	73fcd	18fcd	8fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,1m	6,2m	9,3m	12,4m	15,5m	23,3m	31,1m	46,6m	62,2m	77,7m	93,3m	124,3m	155,4m
Beam wid.	10,3ft	20,5ft	30,5ft	40,7ft	51ft	76,5ft	102ft	152,9ft	203,9ft	254,9ft	305,9ft	407,9ft	509,8ft

LINEAR DISTRIBUTION DIAGRAM

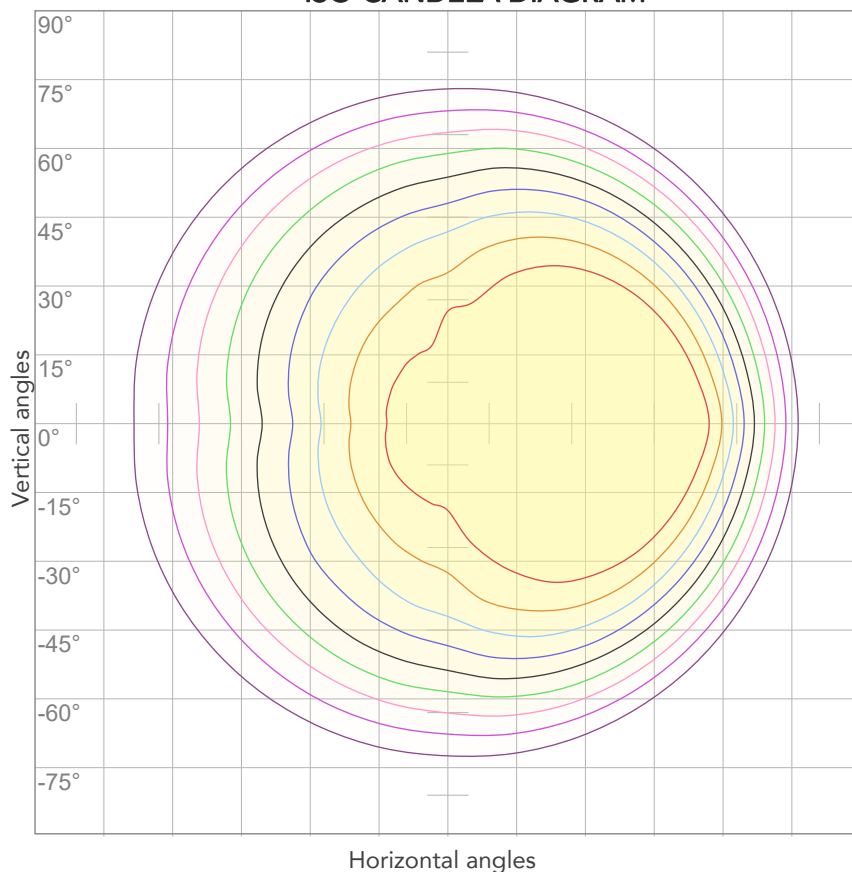


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
228V	0,228A	49,9W	0,96	52lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



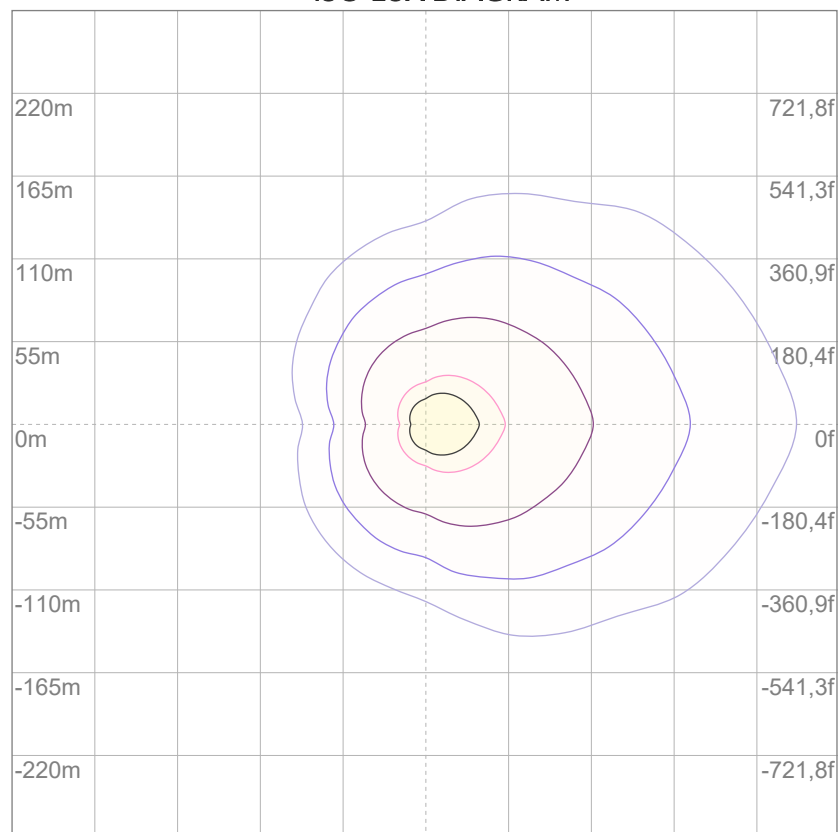
10%	78 cd
20%	157 cd
30%	235 cd
40%	313 cd
50%	392 cd
60%	470 cd
70%	549 cd
80%	627 cd

Conditions:

Number of c-planes: 4

Candela at center: 784 cd

ISO LUX DIAGRAM



3%	0,235 lx
5%	0,392 lx
10%	0,784 lx
30%	2,35 lx
50%	3,92 lx

Conditions:

Number of c-planes: 4

Lux at center: 7,84 lx

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



Total lumen output:

2801 lm

Peak candela output:

1502 cd

Light quality:

CRI: 94,7

Color temperature:

3990 K

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

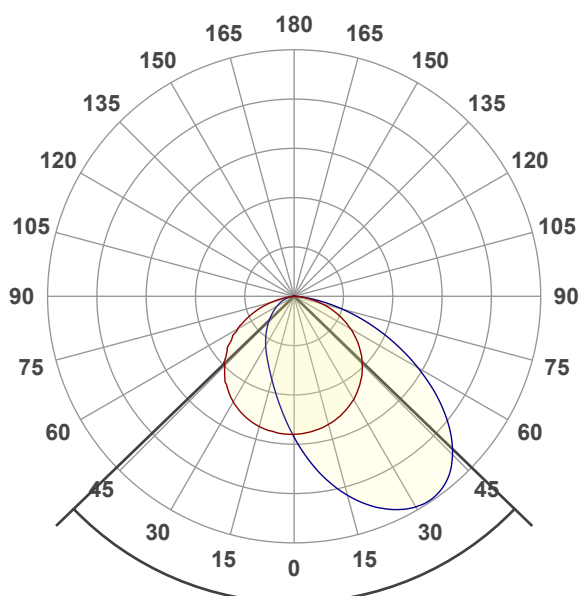
4000K

Operator:

Salvatore Giglio

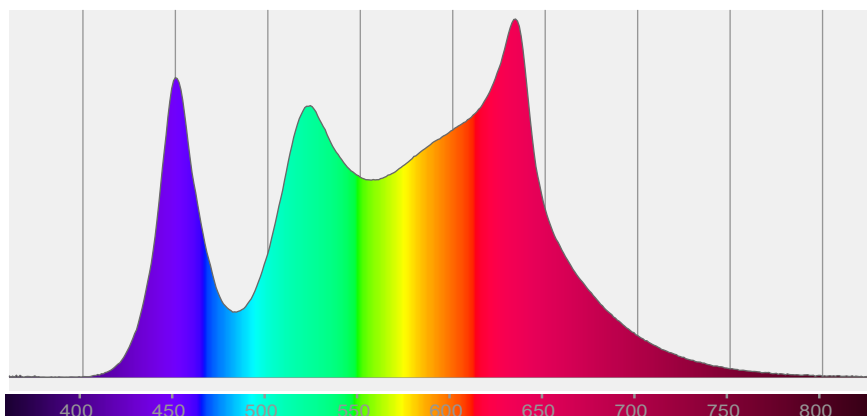
Date and time:

05/02/2025 12:42:02

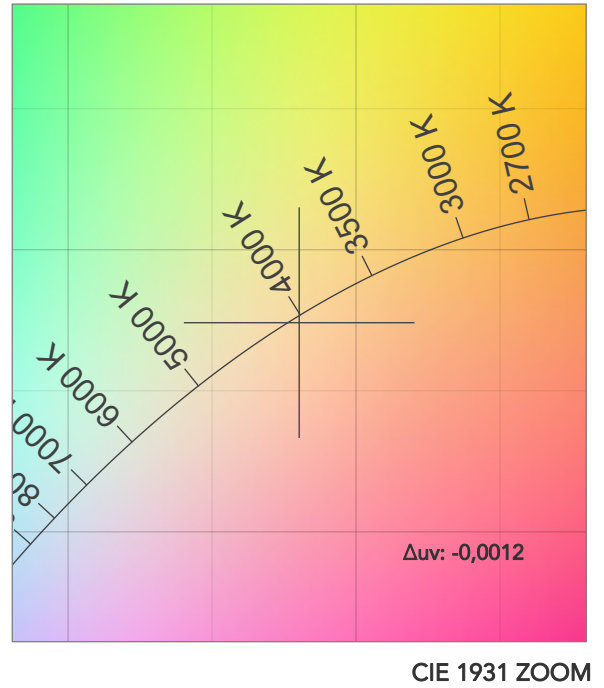
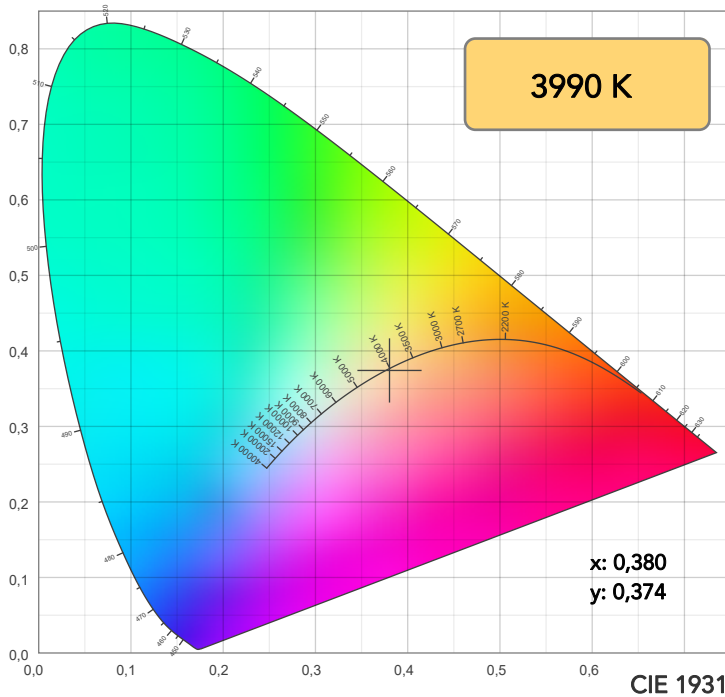


	Blue curve V	Red curve H
Beam angle 50%:	67,5°	116,7°
Field angle 10%:	135,3°	160,3°
Cut off angle 2.5%:	162,4°	171,3°

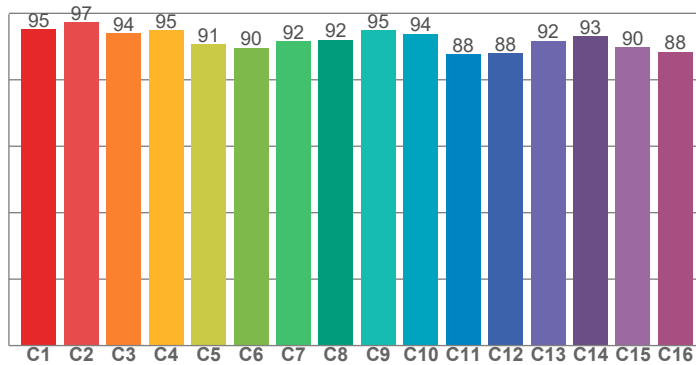
Spectra



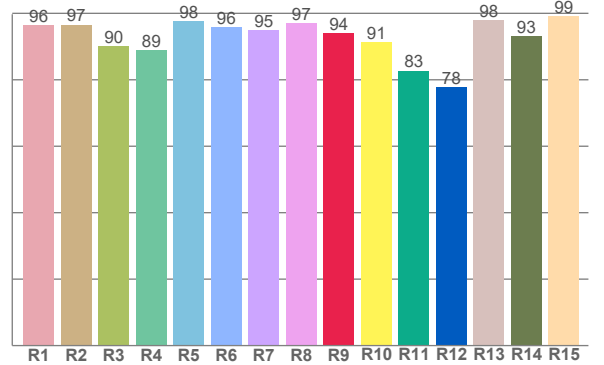
COLOR DETAILS



TM30: 92,2



CRI: 94,7 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,5	96,6	90,0	89,0	97,6	95,9	95,0	97,1	94,0	91,3	82,7	77,9	98,0	93,2	99,2

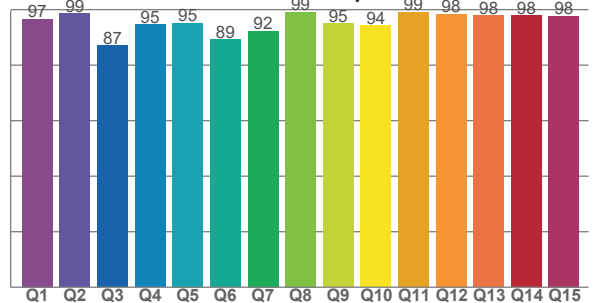
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,3	97,2	93,9	94,9	90,7	89,7	91,6	92,0	94,9	93,8	87,6	88,1	91,7	93,0	89,8	88,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,7	98,5	87,0	94,6	95,2	89,3	92,3	99,1	94,9	94,3	99,2	98,4	98,0	97,9	97,7

CQS: 94,3



COLOR PARAMETERS

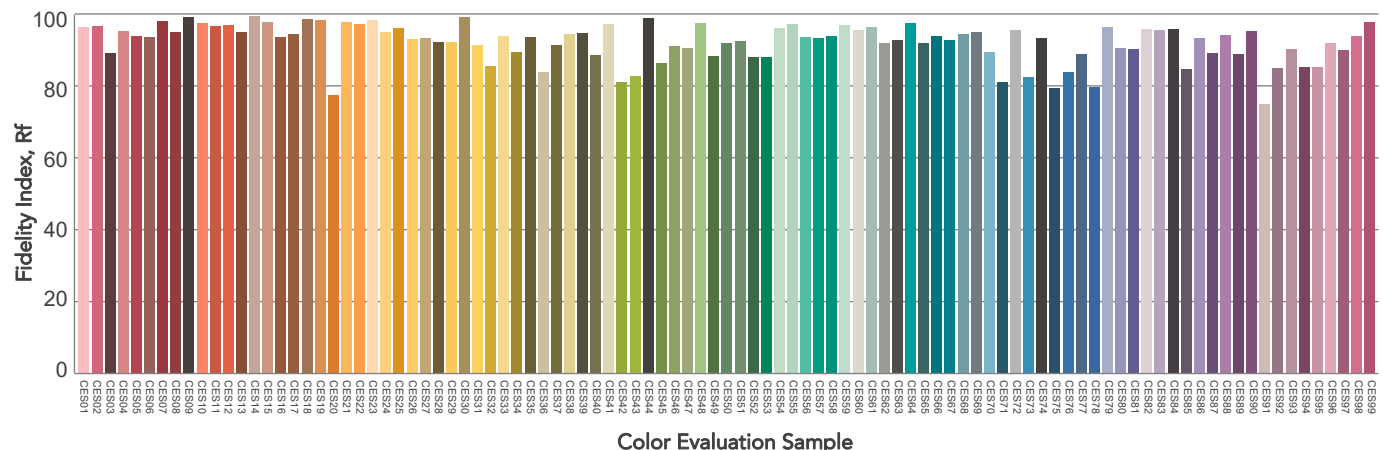
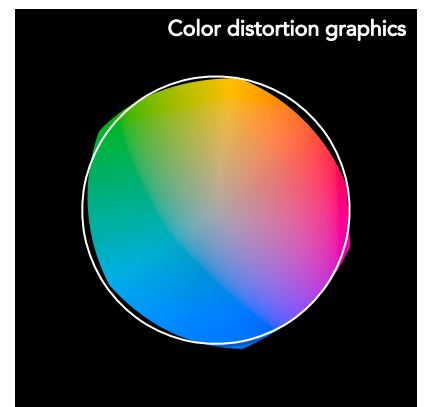
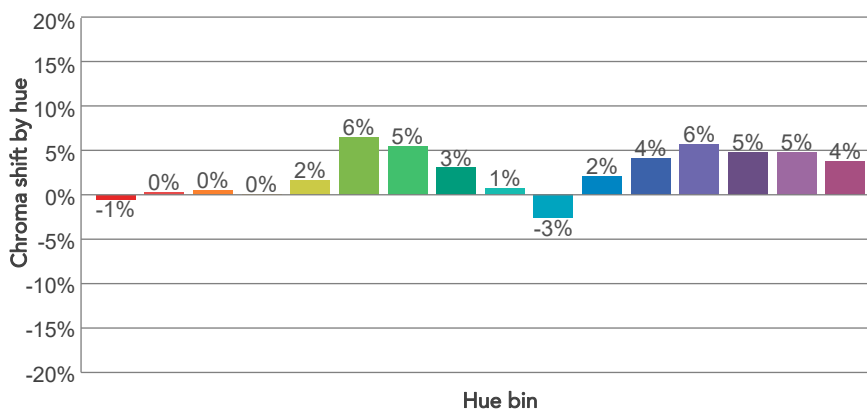
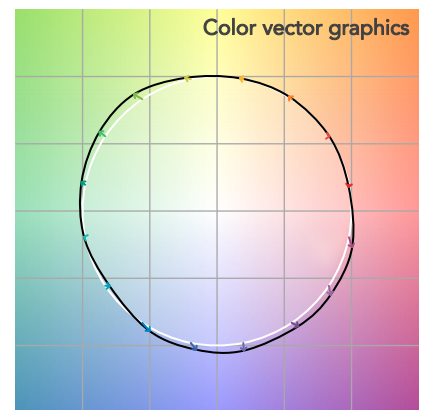
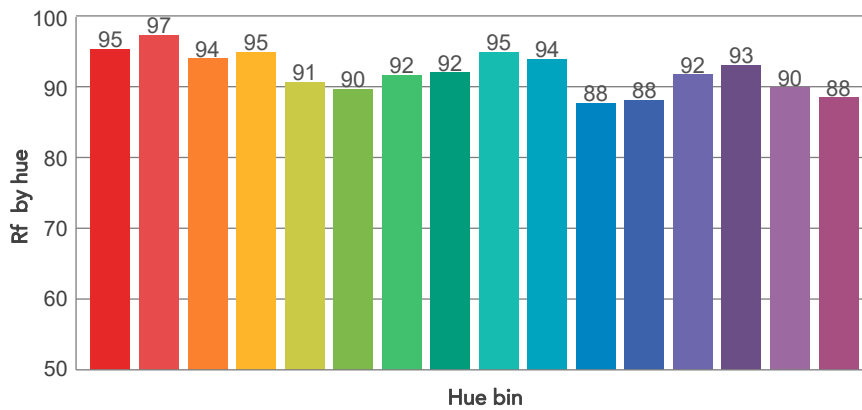
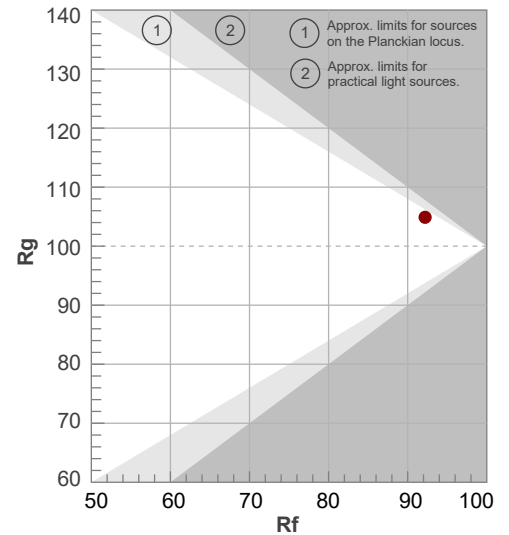
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3990 K	94,7	94,0	92,2	104,9	94,3	87	0,380	0,374	-0,0012

TM30 DETAILS

Rf 92,2
Fidelity index Rf

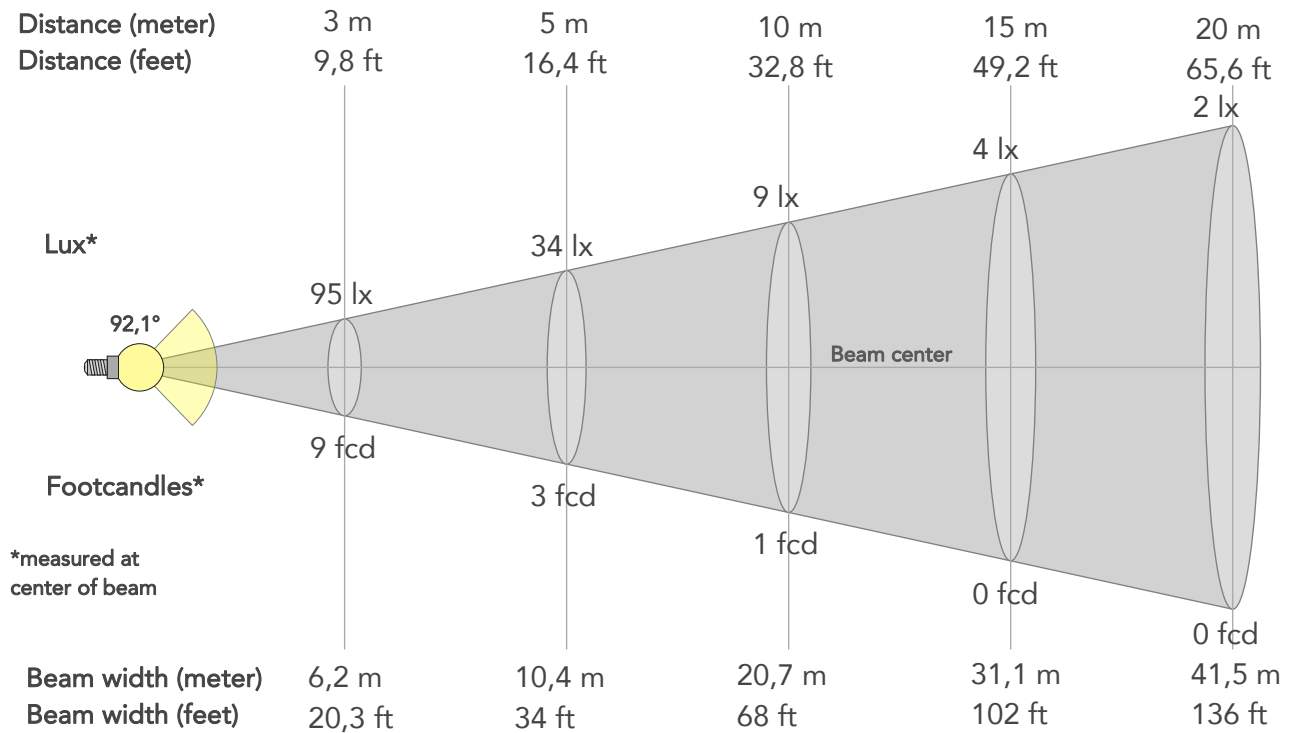
Rg 104,9
Gammut index

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



BEAM DETAILS

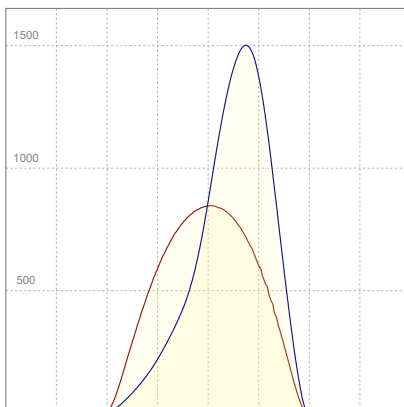
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
92,1°	147,8°	166,8°	79,7%	53,0%



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	855lx	214lx	95lx	53lx	34lx	15lx	9lx	4lx	2lx	1lx	1lx	1lx	0lx
Footcand.	79fcd	20fcd	9fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,1m	4,1m	6,2m	8,3m	10,4m	15,6m	20,7m	31,1m	41,5m	51,8m	62,2m	83m	103,7m
Beam wid.	6,8ft	13,7ft	20,3ft	27,2ft	34ft	51ft	68ft	102ft	136ft	170,1ft	204,1ft	272,1ft	340,1ft

LINEAR DISTRIBUTION DIAGRAM

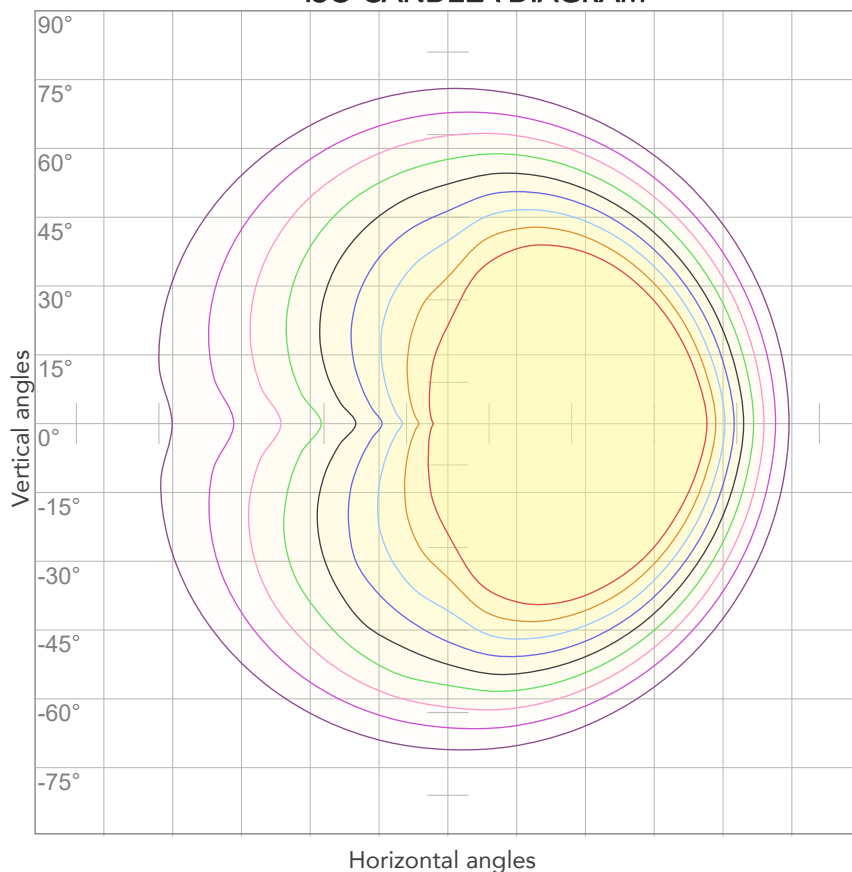


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,236A	51,5W	0,97	54lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



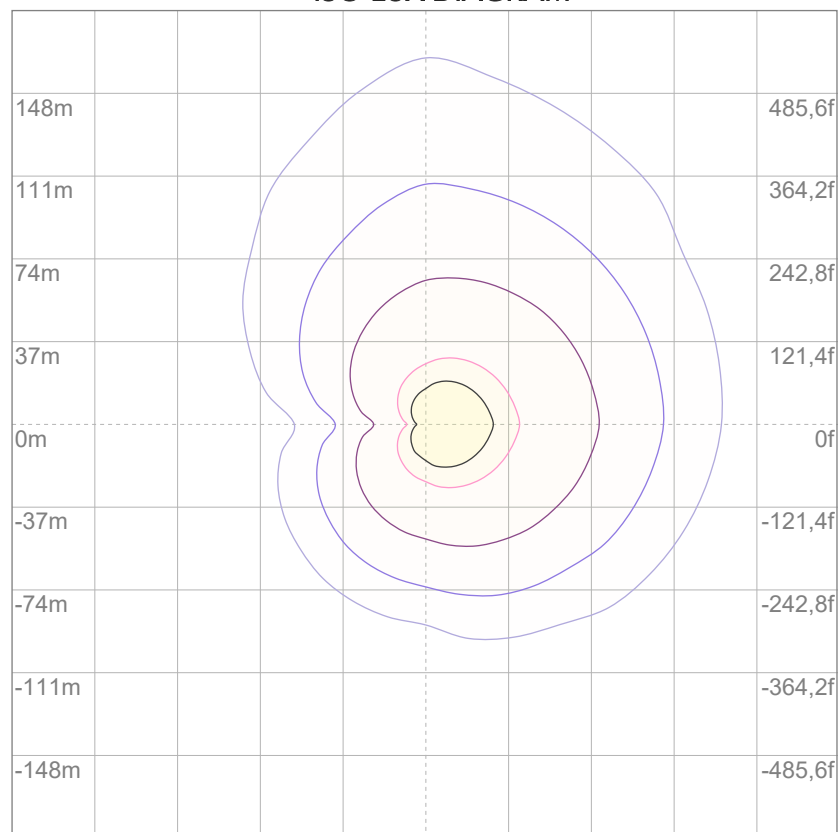
10%	85 cd
20%	171 cd
30%	256 cd
40%	342 cd
50%	427 cd
60%	513 cd
70%	598 cd
80%	684 cd

Conditions:

Number of c-planes: 4

Candela at center: 855 cd

ISO LUX DIAGRAM



3%	0,256 lx
5%	0,427 lx
10%	0,855 lx
30%	2,56 lx
50%	4,27 lx

Conditions:

Number of c-planes: 4

Lux at center: 8,55 lx

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



Total lumen output:

2389 lm

Peak candela output:

903 cd

Light quality:

CRI: 94,8

Color temperature:

4068 K

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

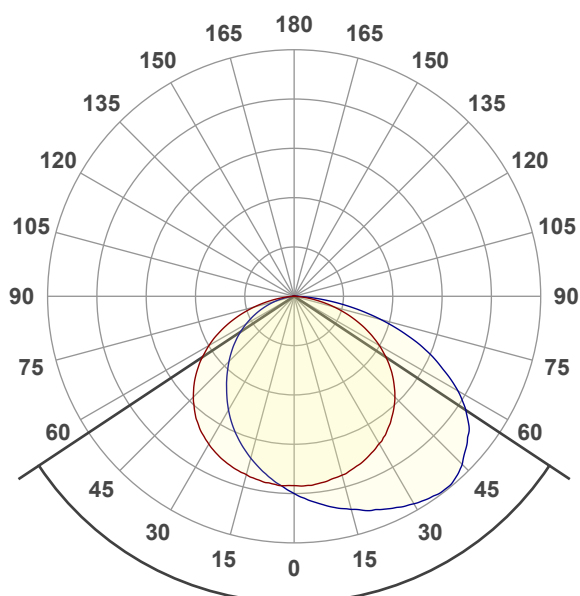
4000K

Operator:

Salvatore Giglio

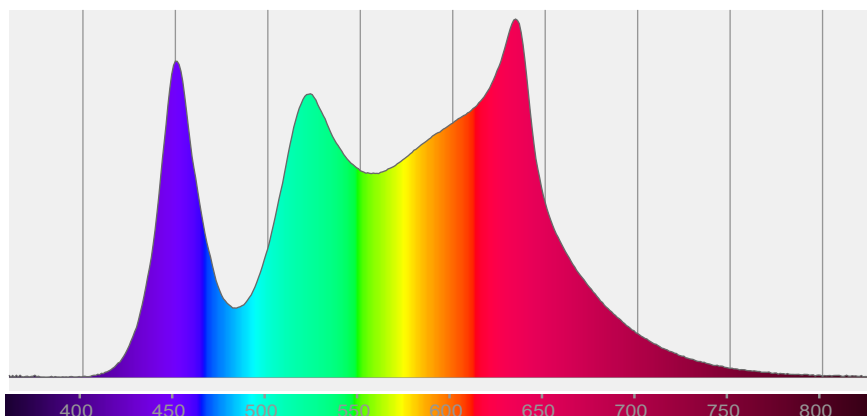
Date and time:

05/02/2025 14:29:49

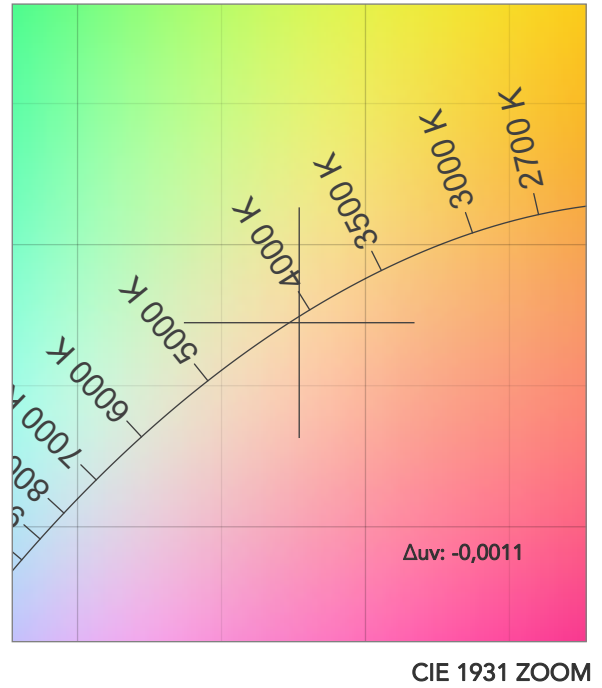
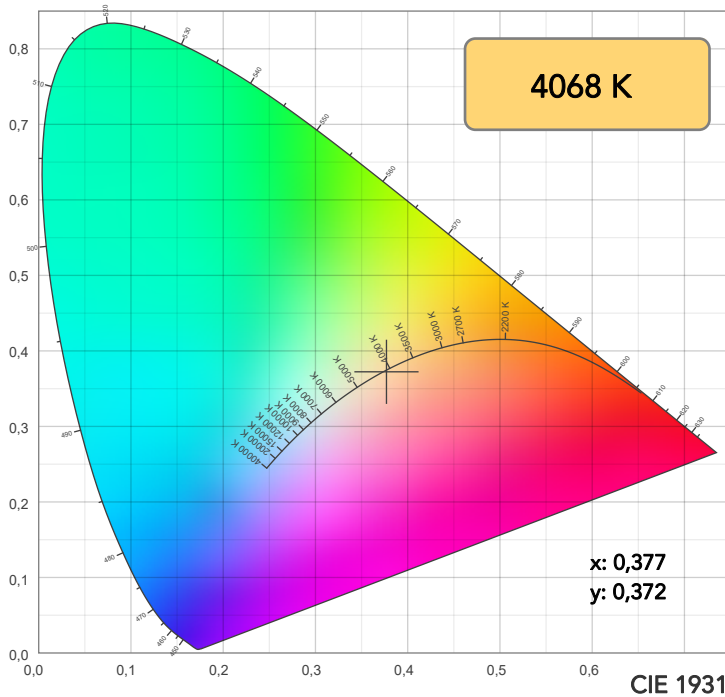


	Blue curve V	Red curve H
Beam angle 50%:	103,8°	122°
Field angle 10%:	157,2°	162,1°
Cut off angle 2.5%:	170,2°	172°

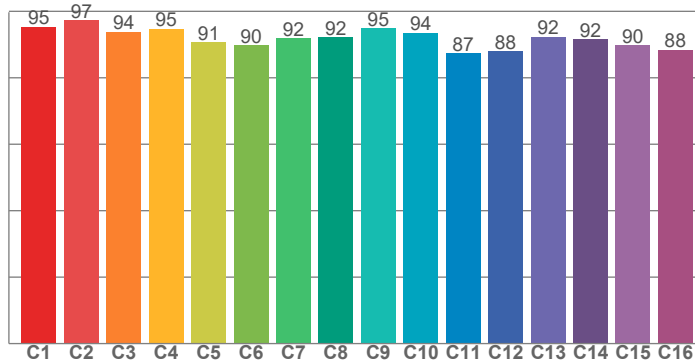
Spectra



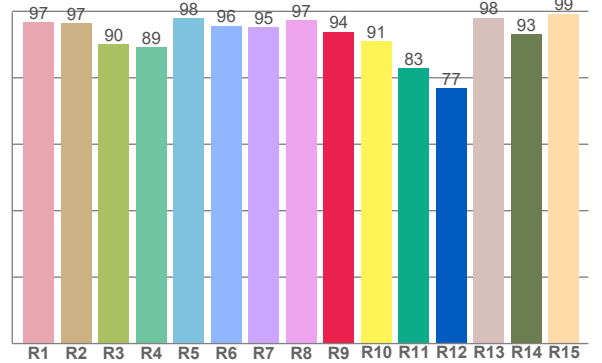
COLOR DETAILS



TM30: 92,2



CRI: 94,8 (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
96,6	96,5	90,0	89,3	97,9	95,7	95,2	97,2	93,9	91,1	83,0	77,0	98,1	93,2	99,3

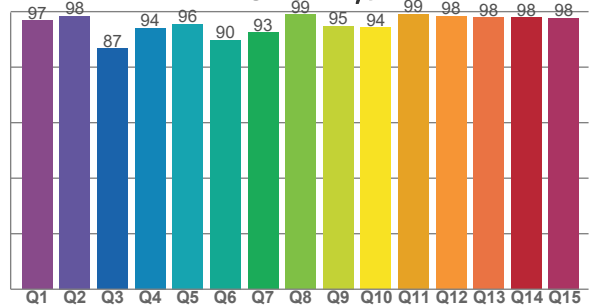
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,3	97,3	93,8	94,7	90,6	89,8	91,8	92,1	95,0	93,5	87,3	87,9	92,3	91,6	89,8	88,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96,9	98,5	86,8	94,2	95,6	89,8	92,5	99,0	94,8	94,2	99,1	98,4	97,9	97,9	97,7

CQS: 94,3



COLOR PARAMETERS

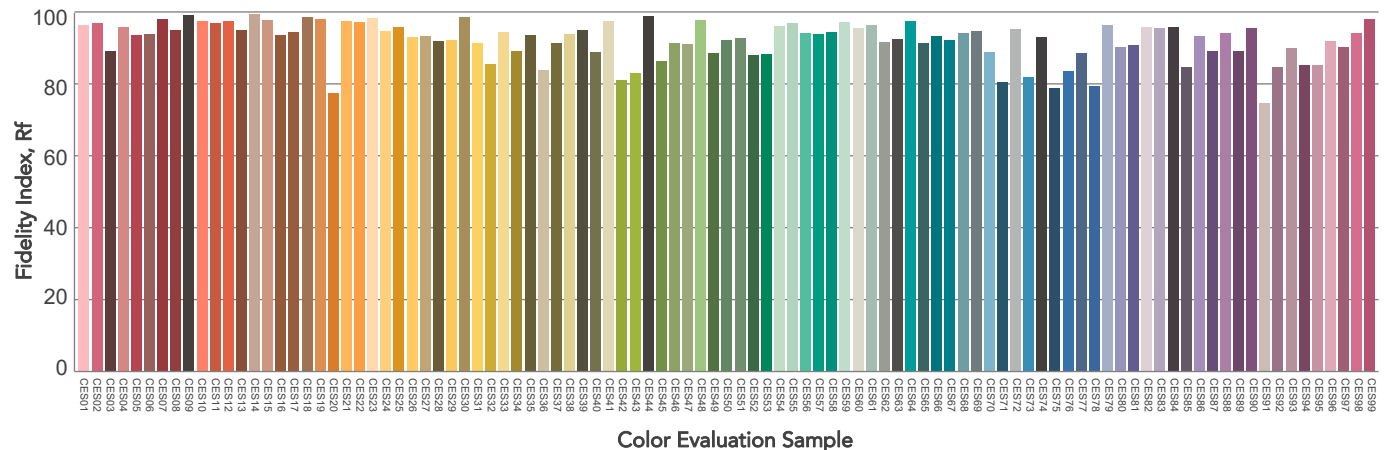
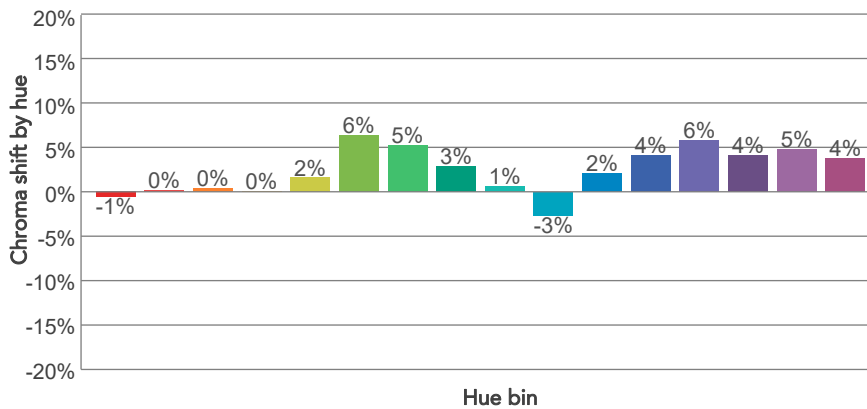
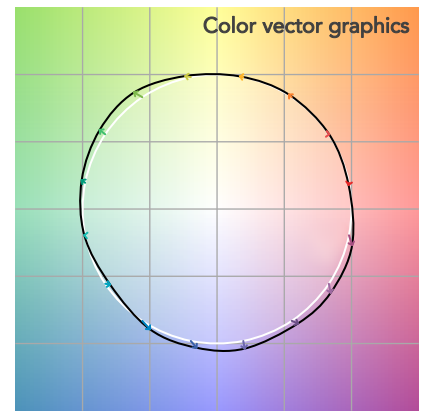
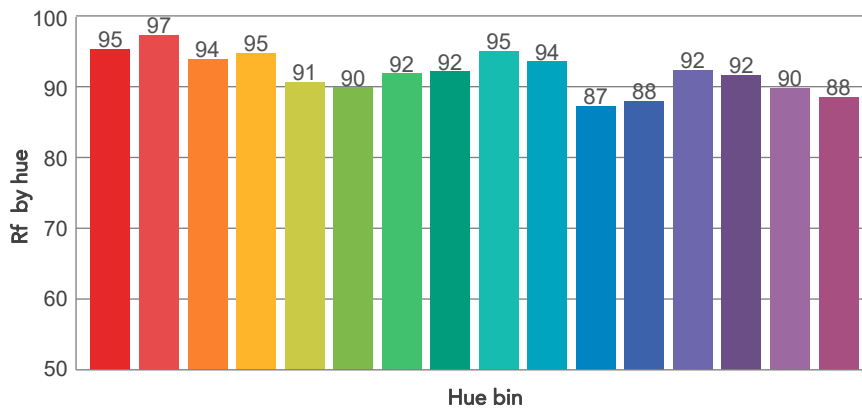
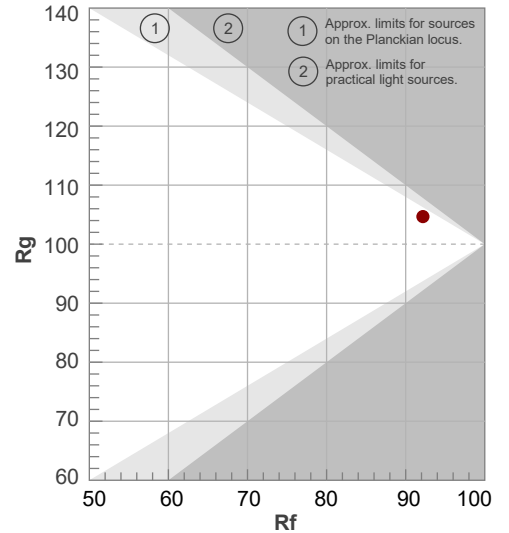
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4068 K	94,8	93,9	92,2	104,7	94,3	87	0,377	0,372	-0,0011

TM30 DETAILS

Rf 92,2
Fidelity index Rf

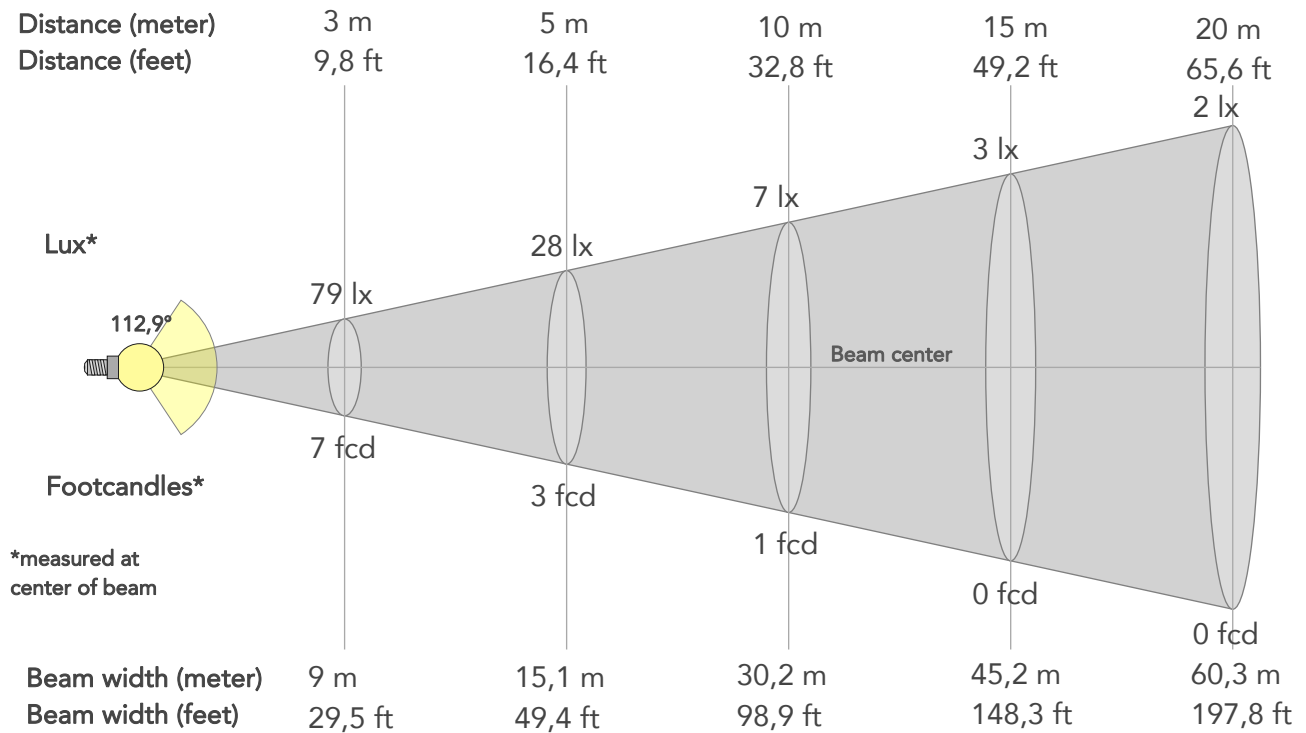
Rg 104,7
Gammut index

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



BEAM DETAILS

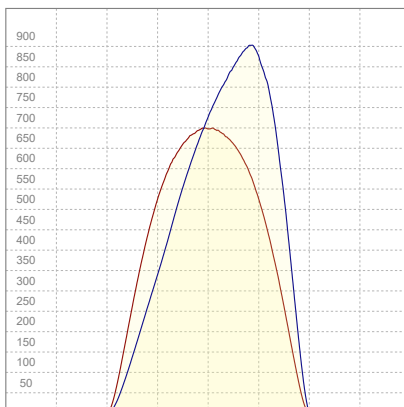
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
112,9°	159,6°	171,1°	76,5%	49,8%



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	712lx	178lx	79lx	45lx	28lx	13lx	7lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	66fcd	17fcd	7fcd	4fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3m	6m	9m	12,1m	15,1m	22,6m	30,2m	45,2m	60,3m	75,4m	90,5m	120,6m	150,8m
Beam wid.	9,9ft	19,9ft	29,5ft	39,5ft	49,4ft	74,2ft	98,9ft	148,3ft	197,8ft	247,2ft	296,7ft	395,6ft	494,5ft

LINEAR DISTRIBUTION DIAGRAM

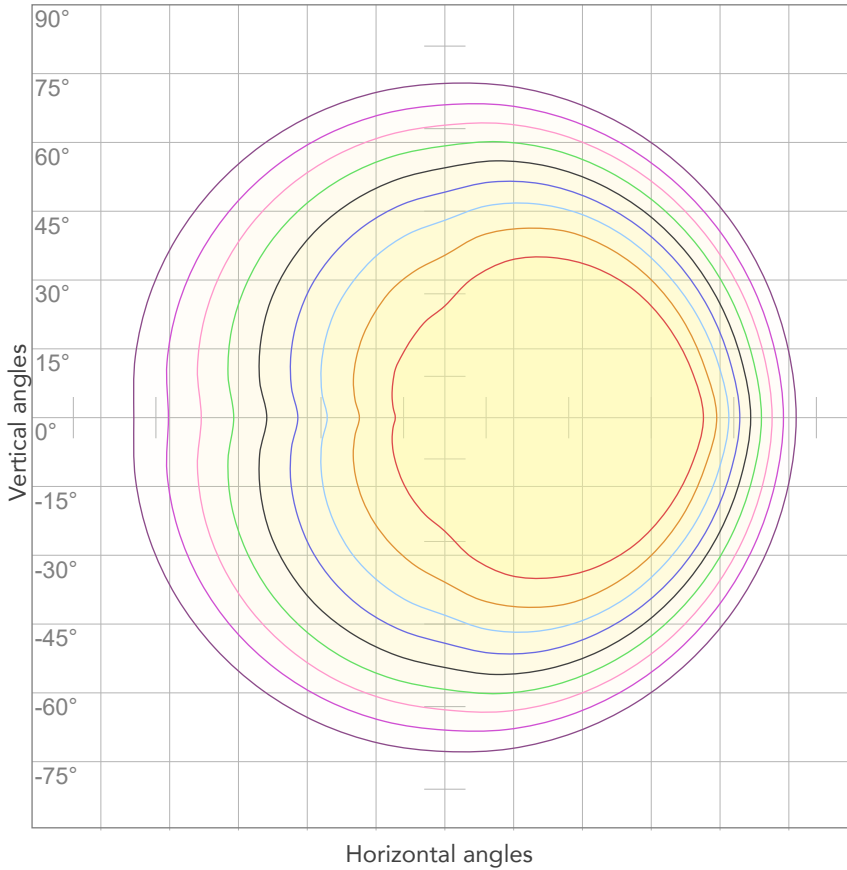


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
228V	0,230A	50,2W	0,96	48lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



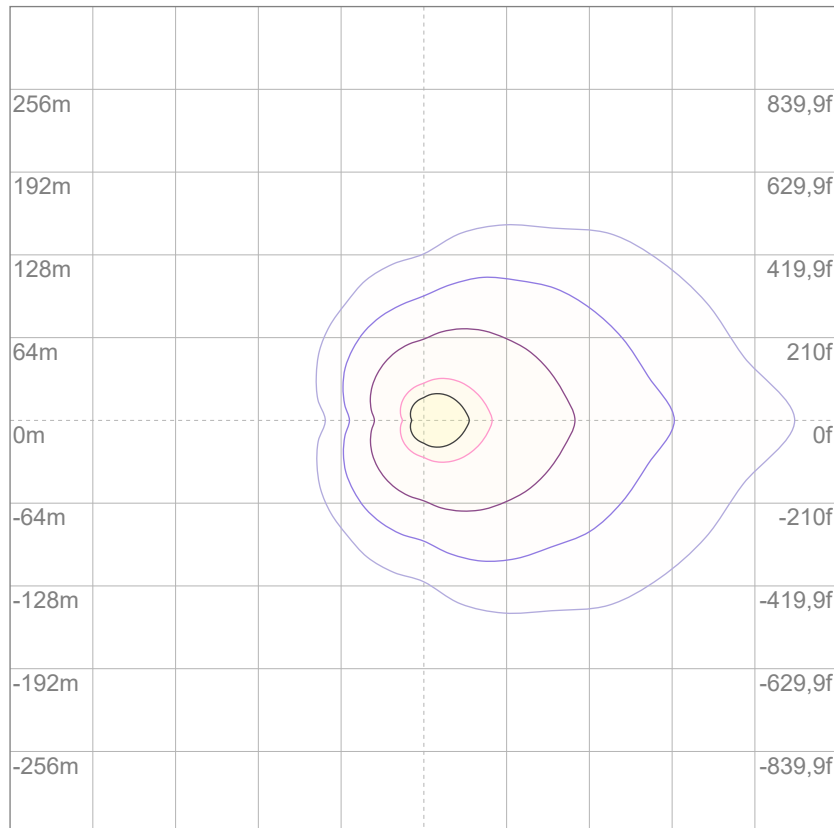
10%	71 cd
20%	142 cd
30%	214 cd
40%	285 cd
50%	356 cd
60%	427 cd
70%	499 cd
80%	570 cd

Conditions:

Number of c-planes: 4

Candela at center: 712 cd

ISO LUX DIAGRAM



3%	0,214 lx
5%	0,356 lx
10%	0,712 lx
30%	2,14 lx
50%	3,56 lx

Conditions:

Number of c-planes: 4

Lux at center: 7,12 lx

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



Total lumen output:

2468 lm

Peak candela output:

1314 cd

Light quality:

CRI: 92,8

Color temperature:

5274 K

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

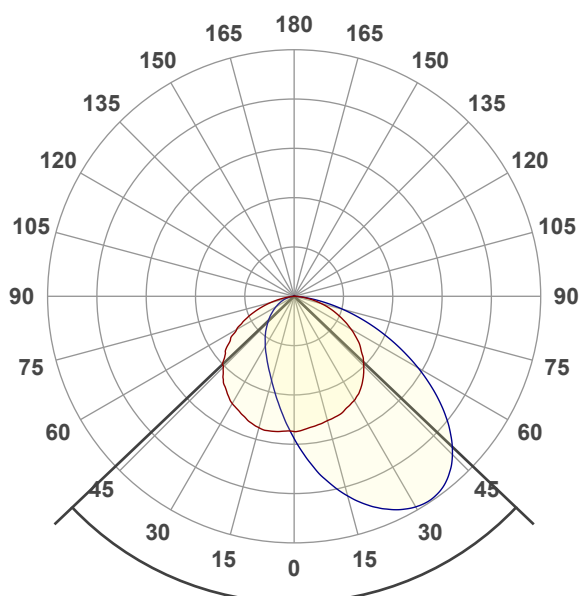
5600K

Operator:

Salvatore Giglio

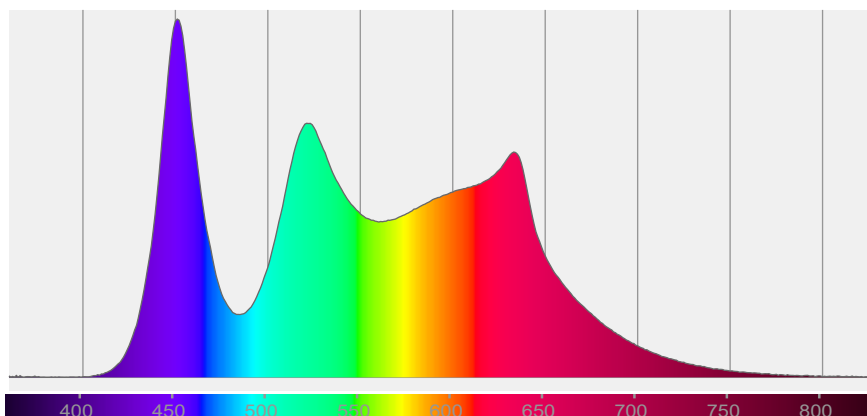
Date and time:

05/02/2025 12:46:05

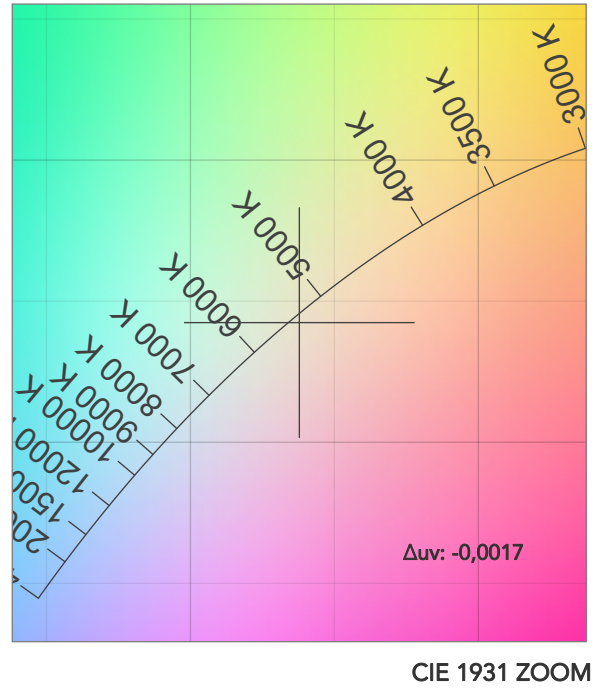
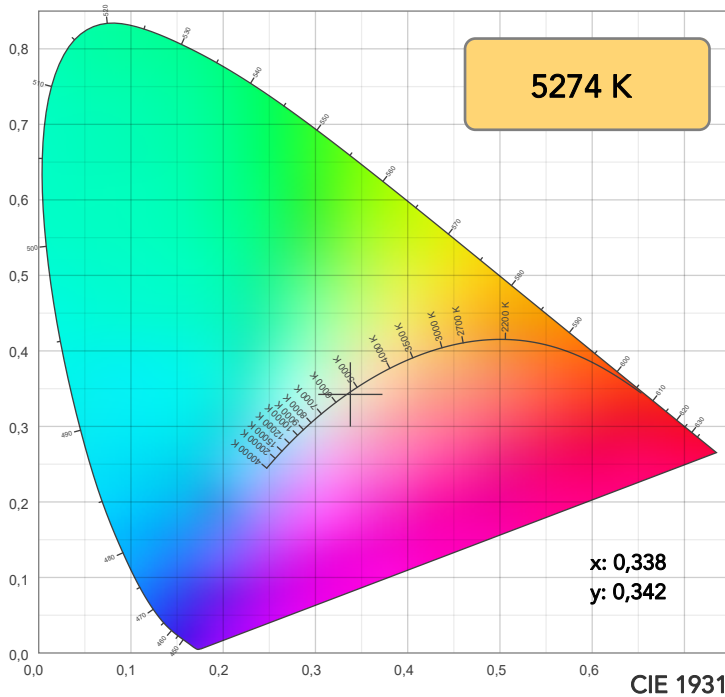


	Blue curve V	Red curve H
Beam angle 50%:	67,8°	117,8°
Field angle 10%:	136,6°	160,2°
Cut off angle 2.5%:	162,8°	171,3°

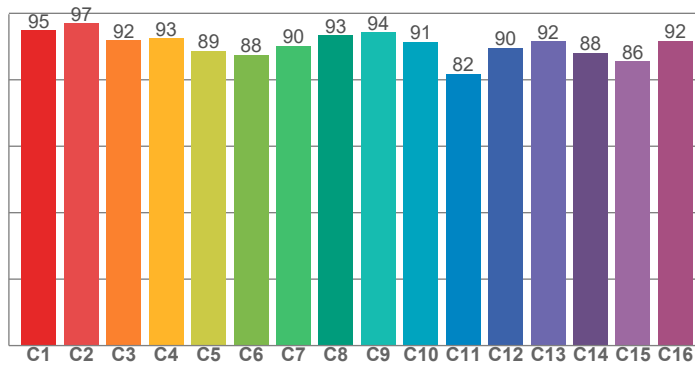
Spectra



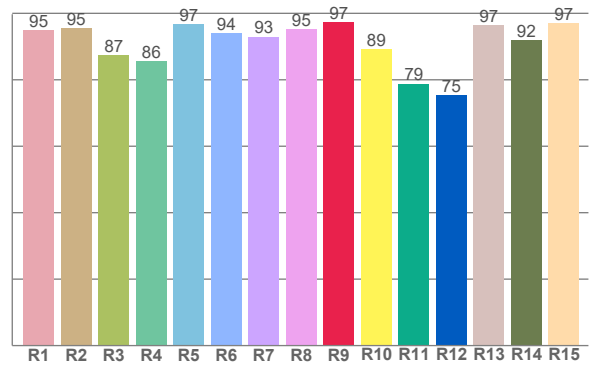
COLOR DETAILS



TM30: 90,6



CRI: 92,8 (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
94,9	95,5	87,4	85,7	96,8	94,0	93,0	95,3	97,3	89,2	78,8	75,3	96,5	91,9	97,1

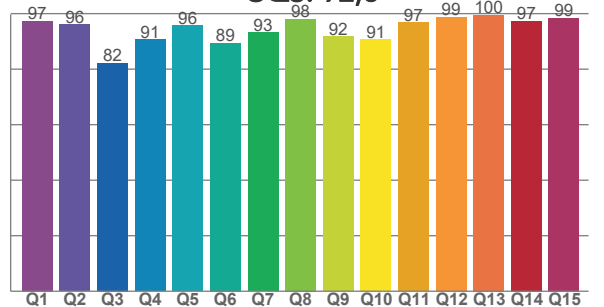
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,9	96,9	92,0	92,6	88,7	87,5	90,3	93,4	94,3	91,4	81,8	89,6	91,6	88,2	85,6	91,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,4	96,0	82,3	90,7	95,8	89,4	93,2	98,0	91,7	90,6	96,8	98,8	99,5	97,4	98,5

CQS: 92,8



COLOR PARAMETERS

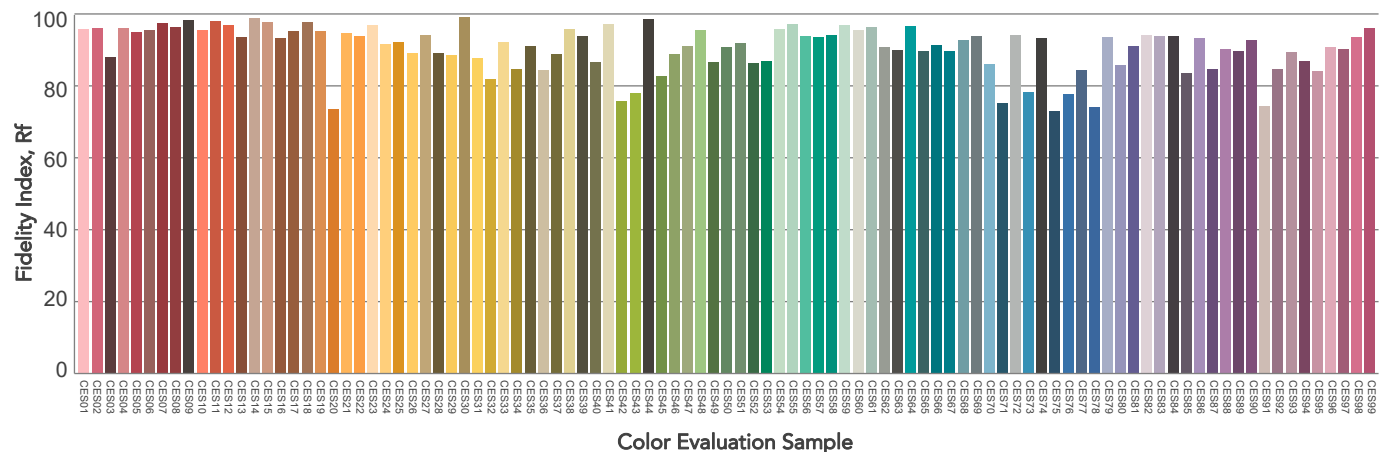
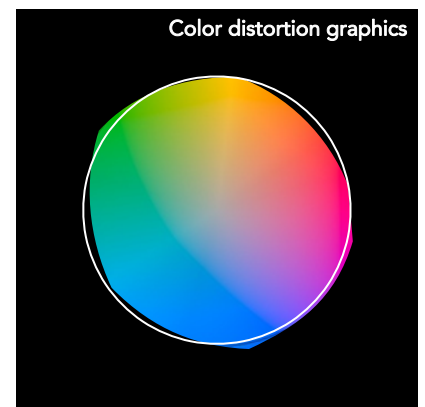
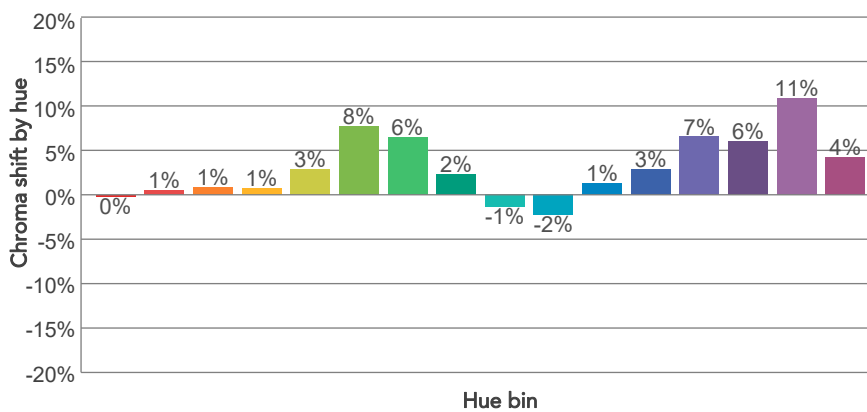
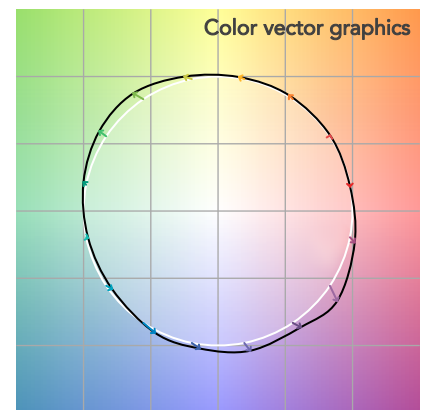
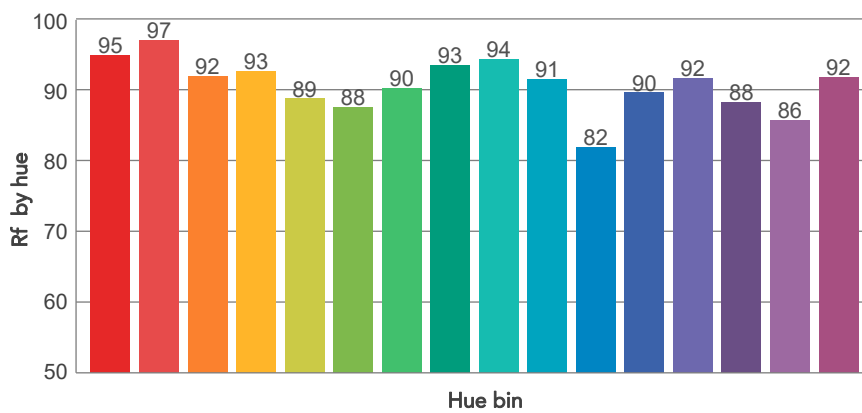
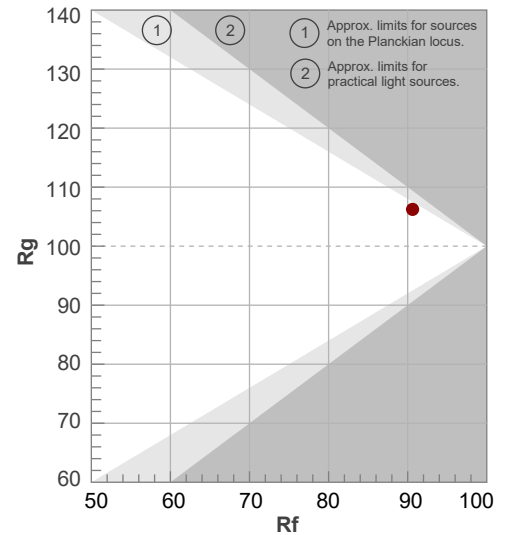
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5274 K	92,8	97,3	90,6	106,2	92,8	90	0,338	0,342	-0,0017

TM30 DETAILS

Rf 90,6
Fidelity index Rf

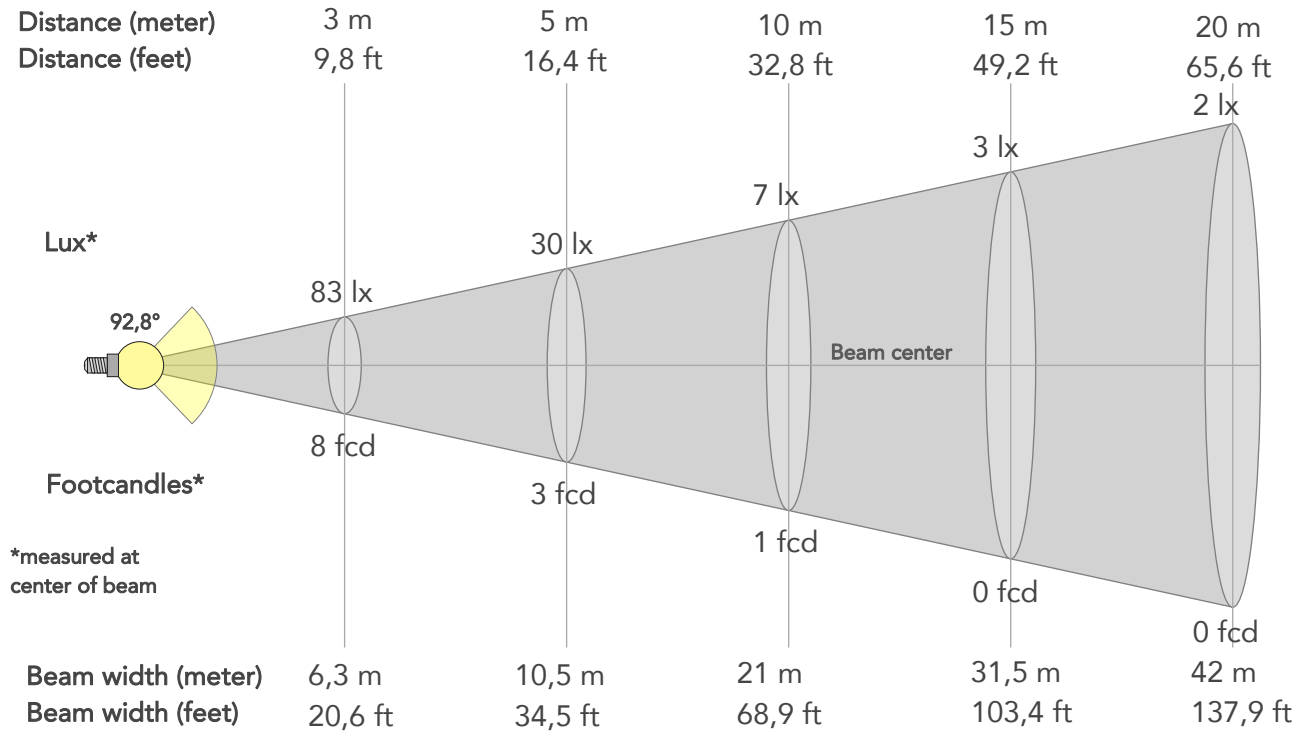
Rg 106,2
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-1%
2	97	1%	0%
3	92	1%	4%
4	93	1%	4%
5	89	3%	5%
6	88	8%	4%
7	90	6%	0%
8	93	2%	-2%
9	94	-1%	1%
10	91	-2%	4%
11	82	1%	11%
12	90	3%	6%
13	92	7%	3%
14	88	6%	3%
15	86	11%	-6%
16	92	4%	-3%



BEAM DETAILS

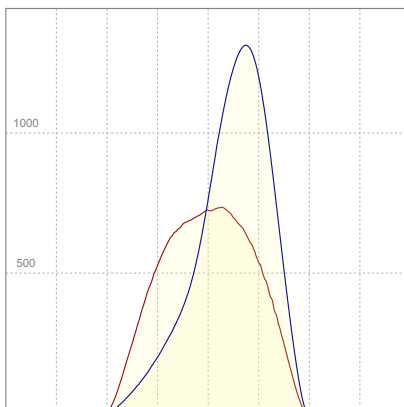
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
92,8°	148,4°	167°	79,8%	52,9%



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	744lx	186lx	83lx	46lx	30lx	13lx	7lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	69fcd	17fcd	8fcd	4fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,1m	4,2m	6,3m	8,4m	10,5m	15,8m	21m	31,5m	42m	52,5m	63,1m	84,1m	105,1m
Beam wid.	6,9ft	13,9ft	20,6ft	27,5ft	34,5ft	51,7ft	68,9ft	103,4ft	137,9ft	172,3ft	206,8ft	275,7ft	344,7ft

LINEAR DISTRIBUTION DIAGRAM

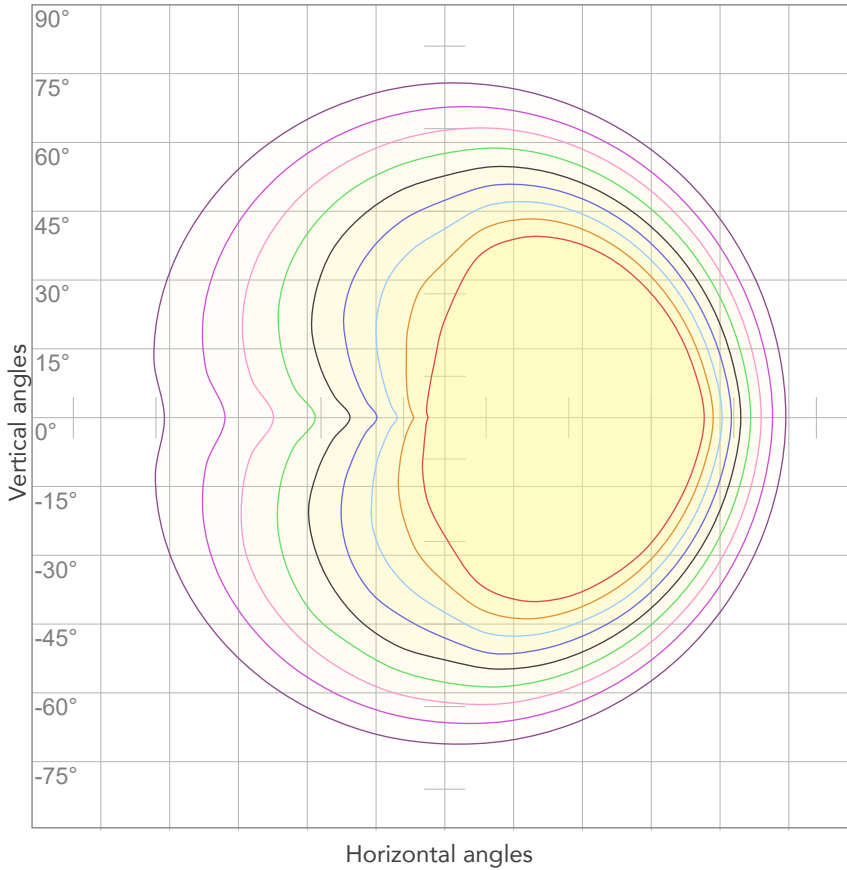


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,229A	49,8W	0,96	50lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



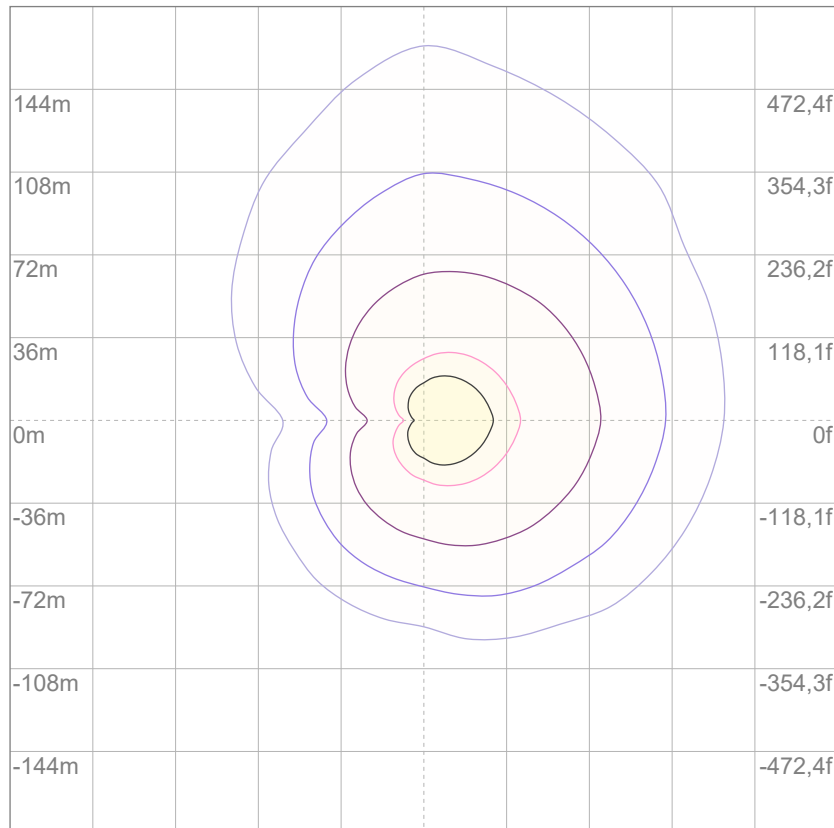
10%	74 cd
20%	149 cd
30%	223 cd
40%	297 cd
50%	372 cd
60%	446 cd
70%	521 cd
80%	595 cd

Conditions:

Number of c-planes: 4

Candela at center: 744 cd

ISO LUX DIAGRAM



3%	0,223 lx
5%	0,372 lx
10%	0,744 lx
30%	2,23 lx
50%	3,72 lx

Conditions:

Number of c-planes: 4

Lux at center: 7,44 lx

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



Total lumen output:

2348 lm

Peak candela output:

849 cd

Light quality:

CRI: 92,5

Color temperature:

5639 K

PRODUCT NAME:

Gallery WashDATFC

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

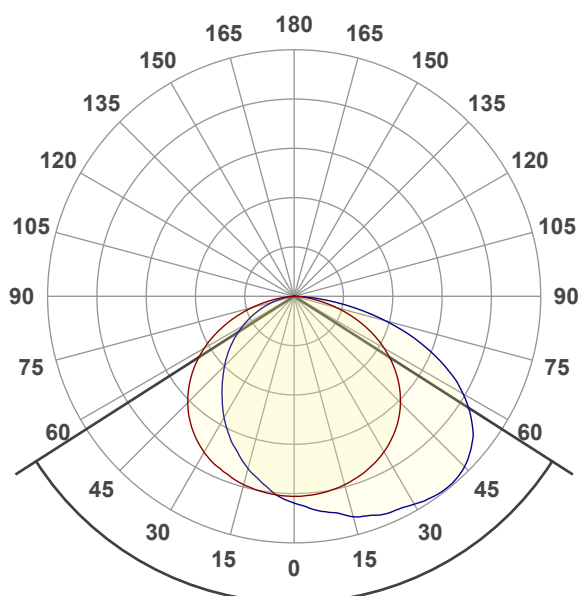
5600K

Operator:

Salvatore Giglio

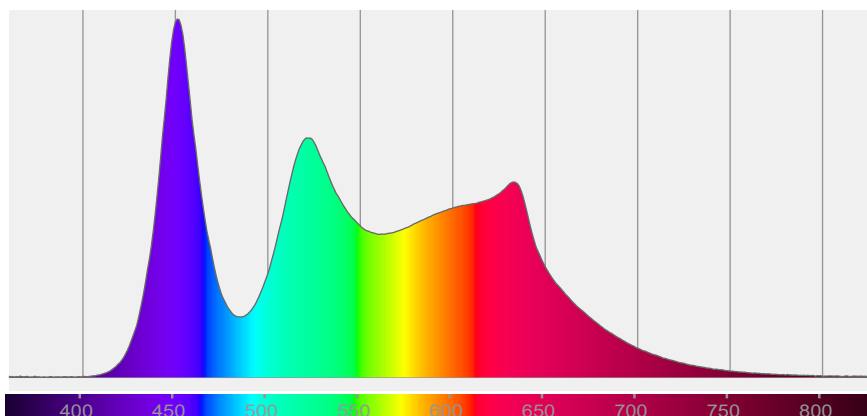
Date and time:

05/02/2025 14:15:51

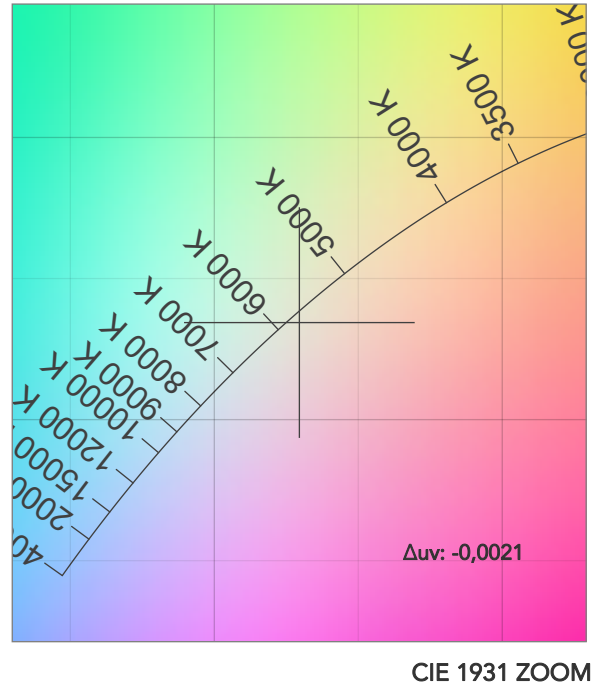
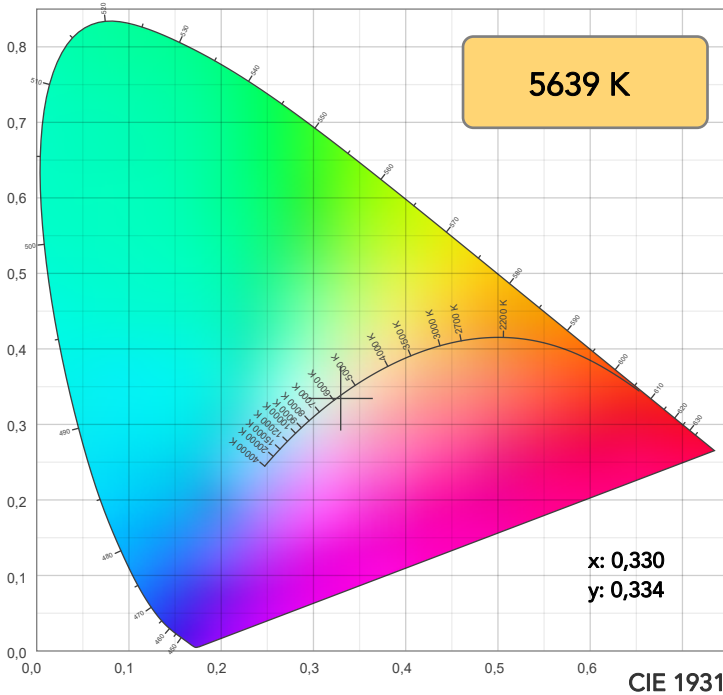


	Blue curve V	Red curve H
Beam angle 50%:	107,5°	122,2°
Field angle 10%:	158,1°	162,1°
Cut off angle 2.5%:	170,6°	172,2°

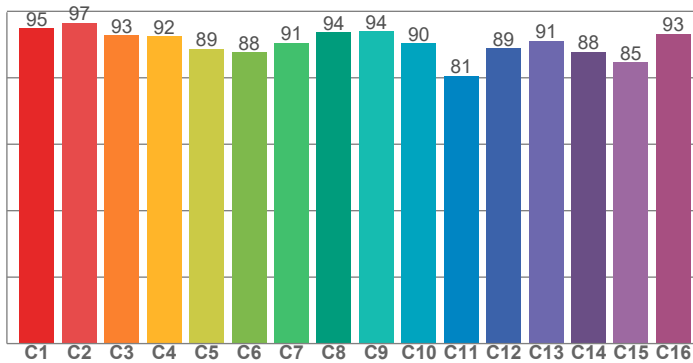
Spectra



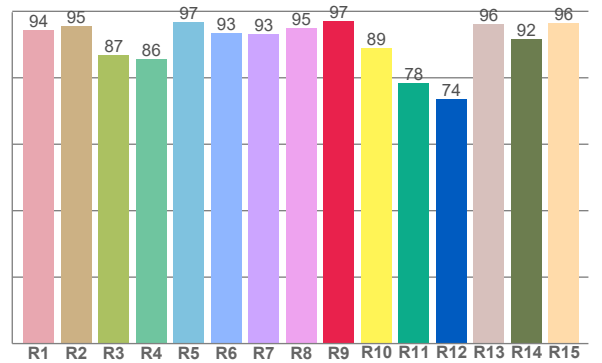
COLOR DETAILS



TM30: 90,4



CRI: 92,5 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,3	95,4	86,8	85,5	96,7	93,5	93,0	95,0	97,0	89,0	78,4	73,7	96,0	91,5	96,3

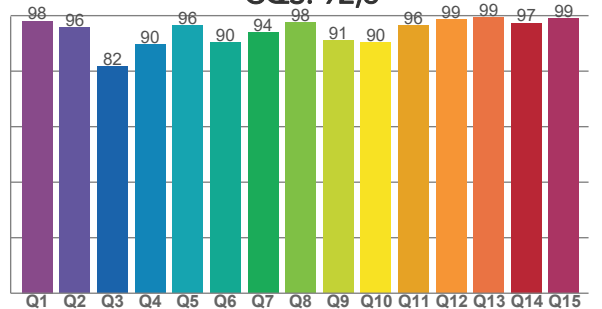
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,9	96,6	92,8	92,4	88,8	87,7	90,5	93,6	94,0	90,4	80,7	88,9	91,2	87,8	84,7	93,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,1	95,7	81,6	89,6	96,4	90,3	93,9	97,6	91,1	90,3	96,5	98,6	99,4	97,4	99,0

CQS: 92,6



COLOR PARAMETERS

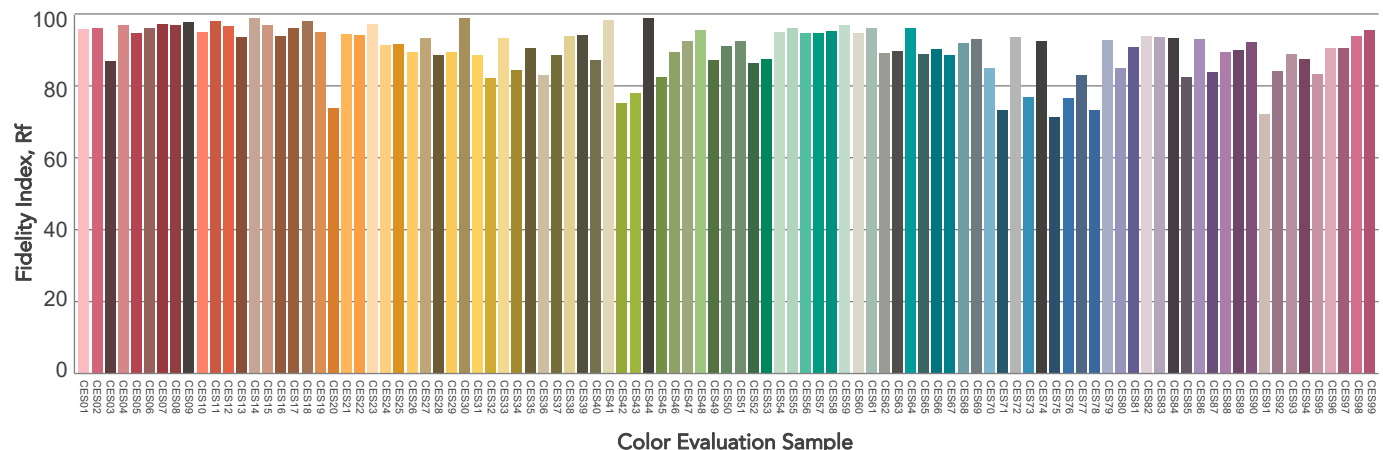
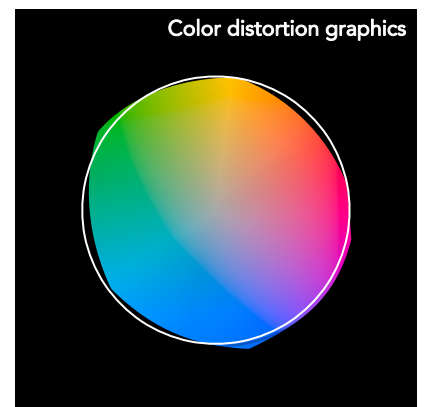
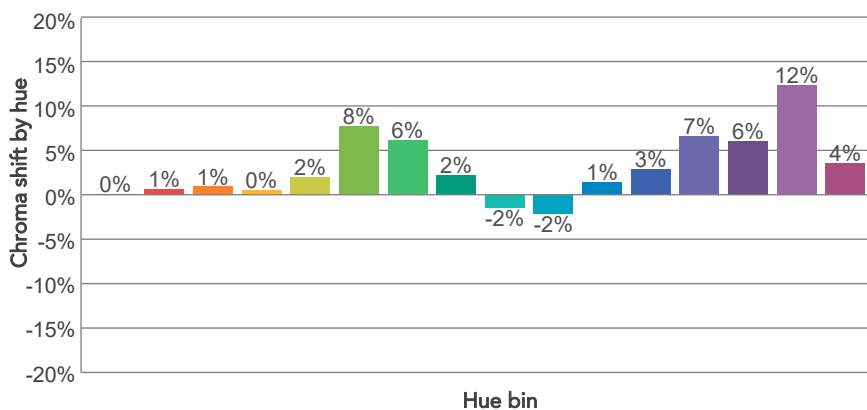
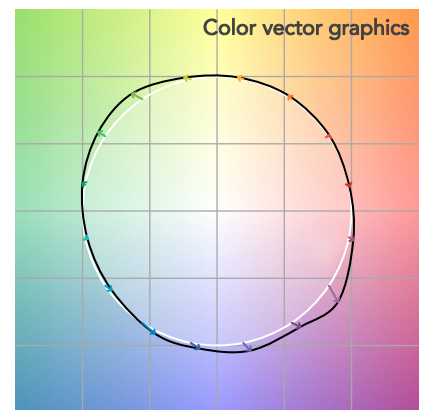
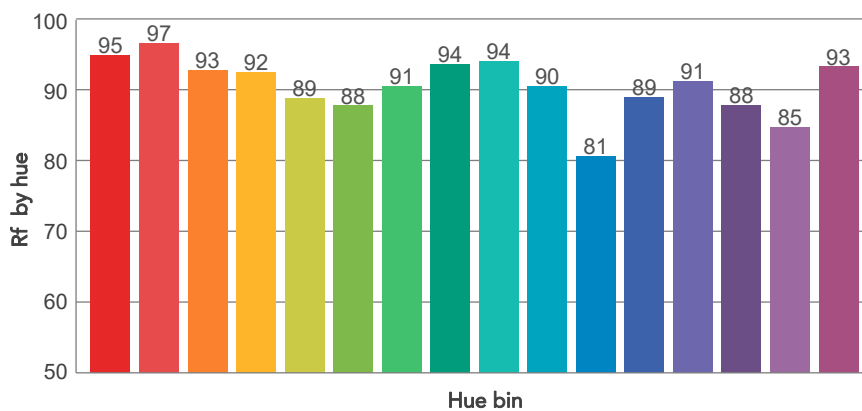
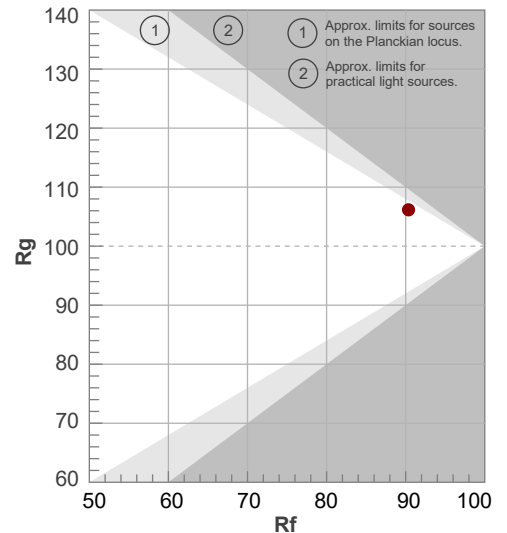
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5639 K	92,5	97,0	90,4	106,2	92,6	90	0,330	0,334	-0,0021

TM30 DETAILS

Rf 90,4
Fidelity index Rf

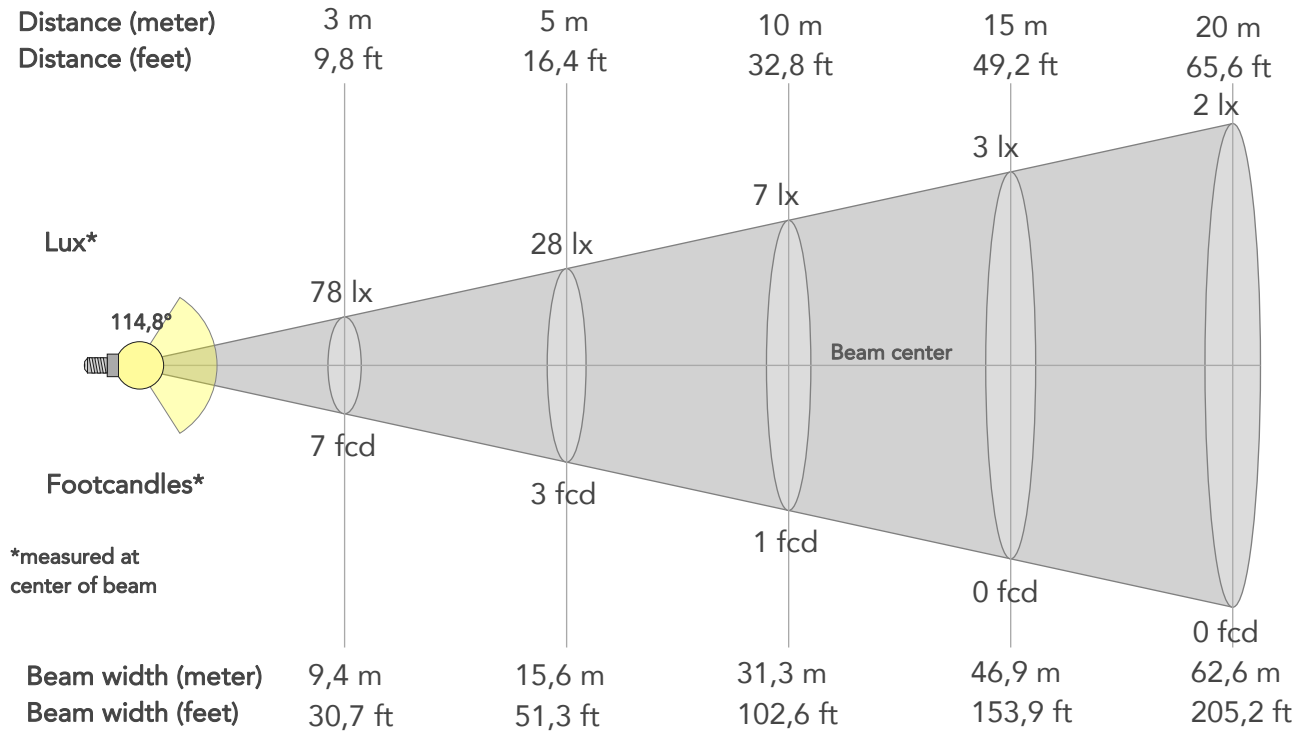
Rg 106,2
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-1%
2	97	1%	1%
3	93	1%	3%
4	92	0%	4%
5	89	2%	4%
6	88	8%	4%
7	91	6%	0%
8	94	2%	-1%
9	94	-2%	2%
10	90	-2%	5%
11	81	1%	12%
12	89	3%	7%
13	91	7%	4%
14	88	6%	4%
15	85	12%	-6%
16	93	4%	-2%



BEAM DETAILS

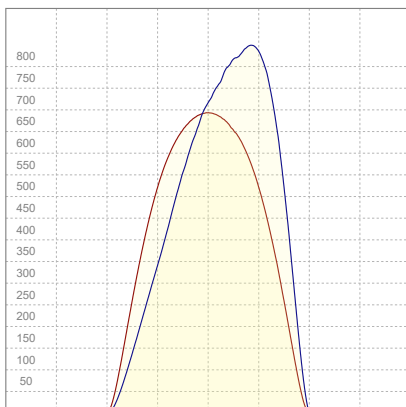
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,8°	160,1°	171,4°	76,3%	49,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	705lx	176lx	78lx	44lx	28lx	13lx	7lx	3lx	2lx	1lx	1lx	0lx	0lx
Footcand.	65fcd	16fcd	7fcd	4fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	3,1m	6,3m	9,4m	12,5m	15,6m	23,5m	31,3m	46,9m	62,6m	78,2m	93,8m	125,1m	156,4m
Beam wid.	10,3ft	20,6ft	30,7ft	41ft	51,3ft	77ft	102,6ft	153,9ft	205,2ft	256,5ft	307,8ft	410,4ft	513ft

LINEAR DISTRIBUTION DIAGRAM

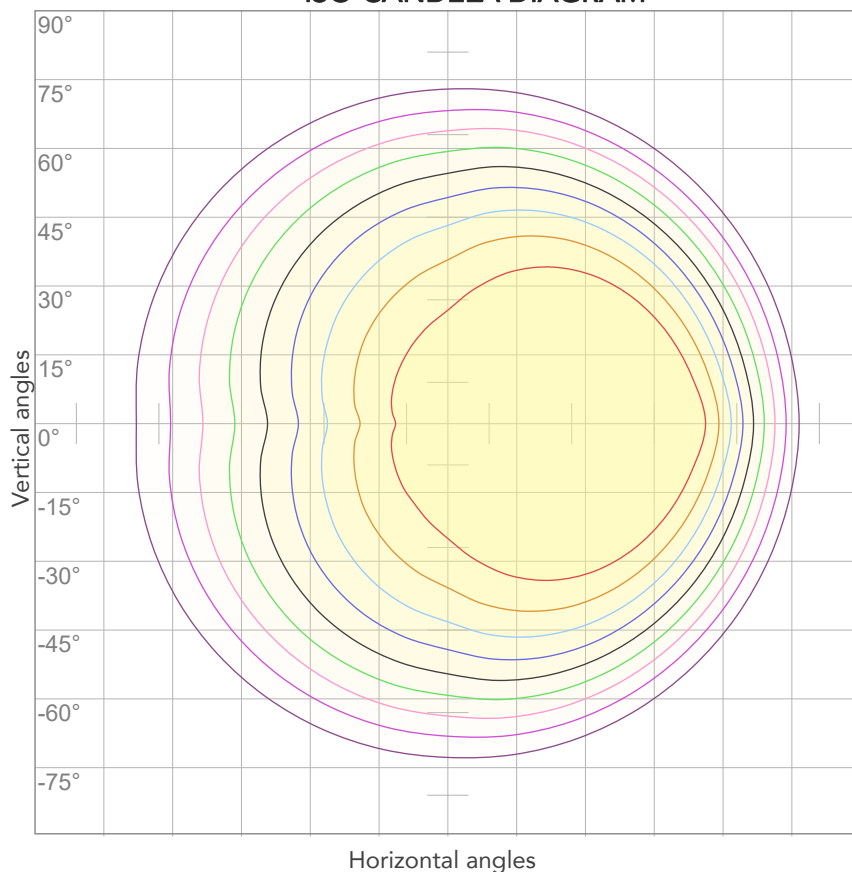


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,220A	47,8W	0,96	49lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



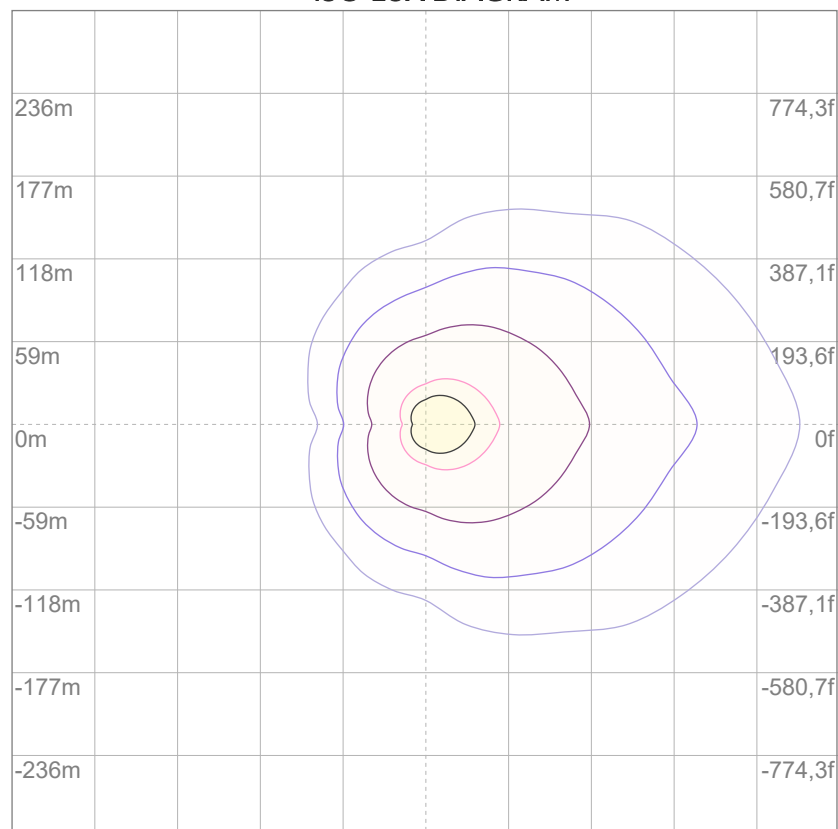
10%	70 cd
20%	141 cd
30%	211 cd
40%	282 cd
50%	352 cd
60%	423 cd
70%	493 cd
80%	564 cd

Conditions:

Number of c-planes: 4

Candela at center: 705 cd

ISO LUX DIAGRAM



3%	0,211 lx
5%	0,352 lx
10%	0,705 lx
30%	2,11 lx
50%	3,52 lx

Conditions:

Number of c-planes: 4

Lux at center: 7,05 lx

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



Total lumen output:

1938 lm

Peak candela output:

1019 cd

Light quality:

CRI: 92,6

Color temperature:

6037 K

PRODUCT NAME:

Gallery WashDATFC

MEASURAMENT CONDITIONS:

Beam angle:

Original Optic + Smooth filter

Target:

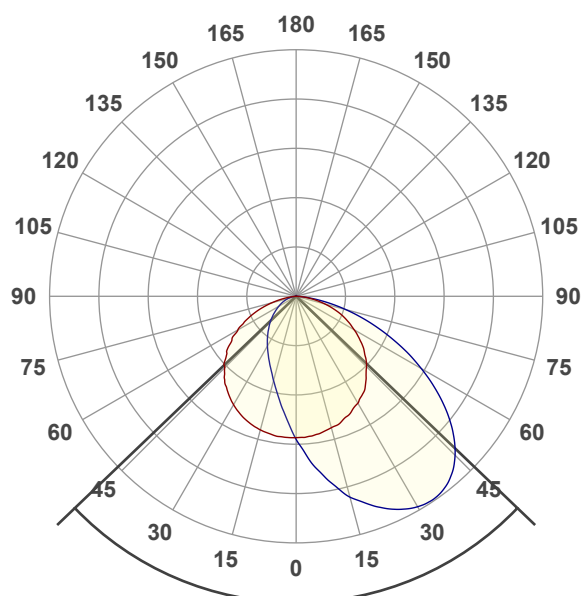
6000K

Operator:

Salvatore Giglio

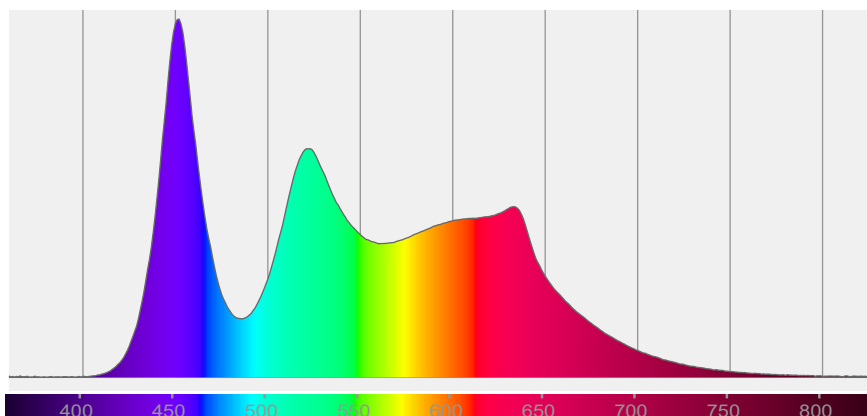
Date and time:

05/02/2025 12:57:29

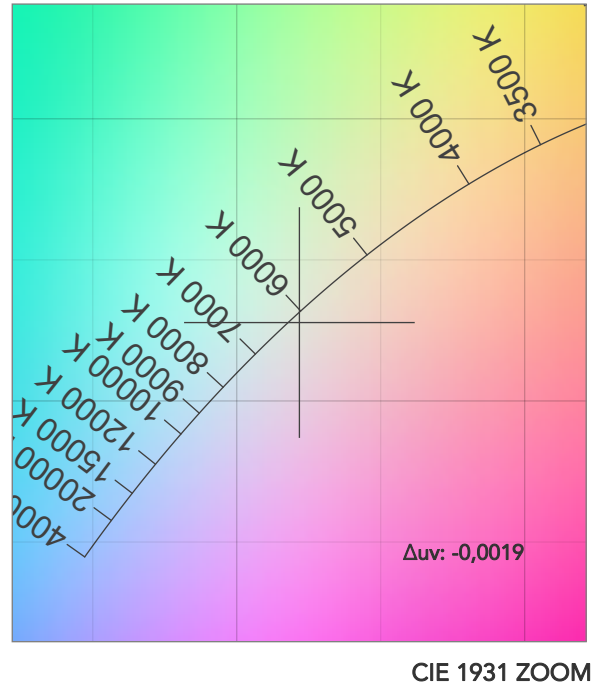
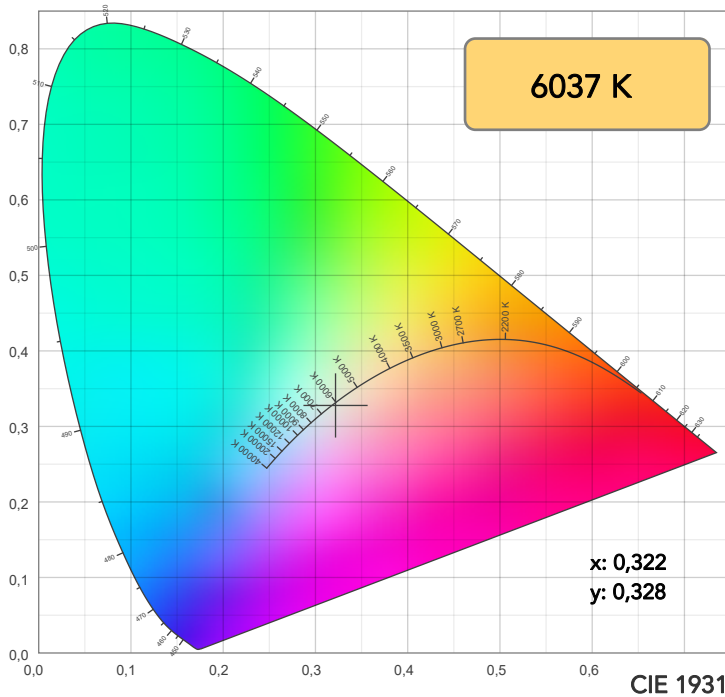


	Blue curve V	Red curve H
Beam angle 50%:	68°	117,1°
Field angle 10%:	135,7°	160,6°
Cut off angle 2.5%:	162,8°	171,6°

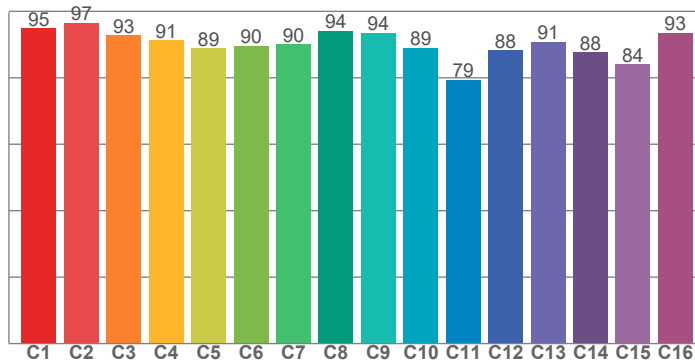
Spectra



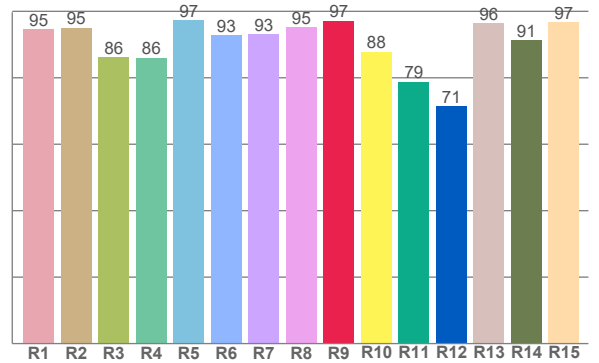
COLOR DETAILS



TM30: 90,1



CRI: 92,6 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,6	95,1	86,2	86,0	97,3	92,8	93,2	95,3	97,2	87,9	78,8	71,4	96,3	91,3	96,6

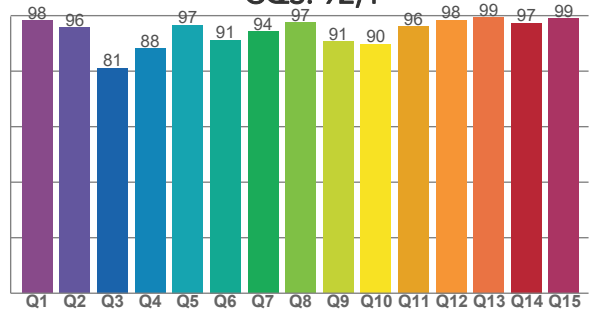
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,9	96,6	92,8	91,3	88,9	89,6	90,0	94,1	93,5	89,0	79,4	88,3	90,8	87,7	84,0	93,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,3	95,7	81,1	88,2	96,7	91,3	94,3	97,4	90,7	89,9	96,0	98,4	99,4	97,3	99,0

CQS: 92,4



COLOR PARAMETERS

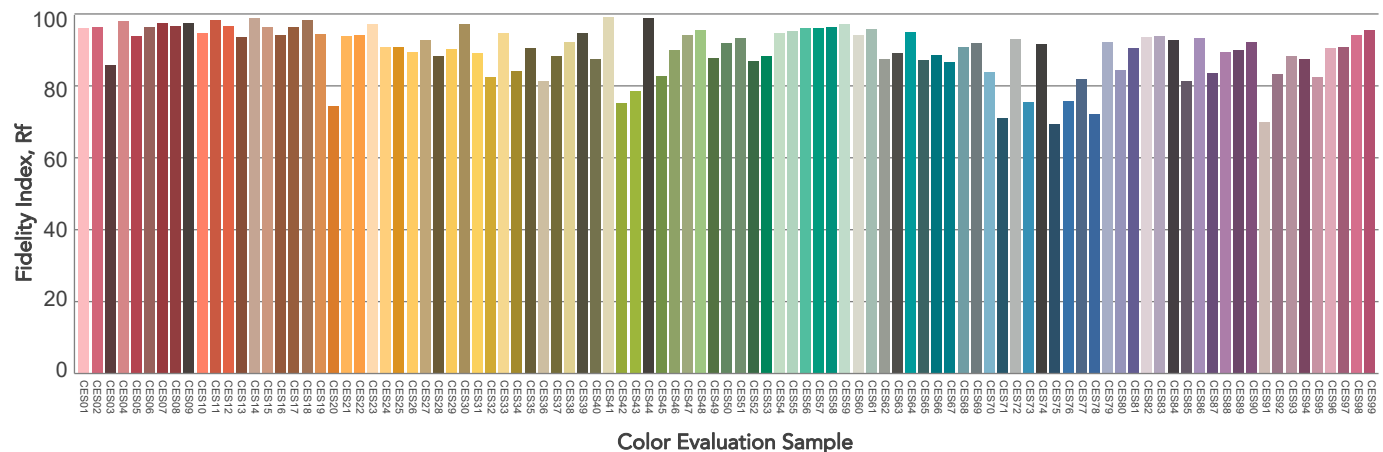
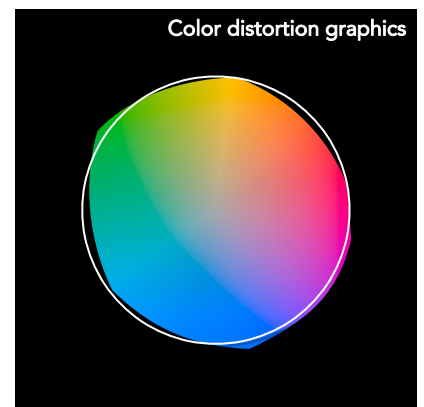
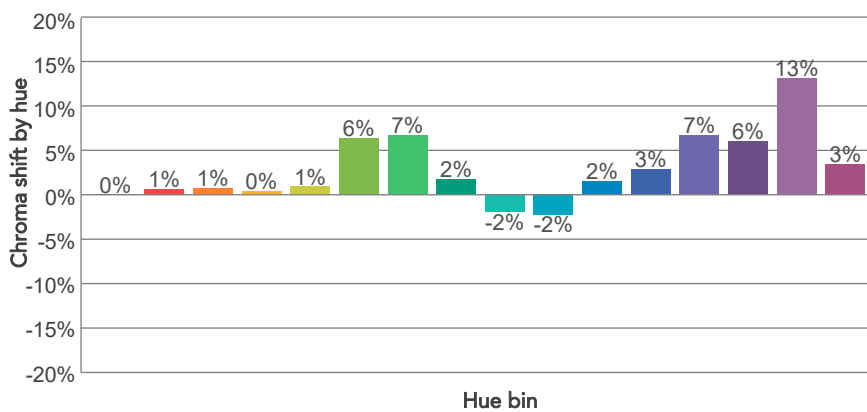
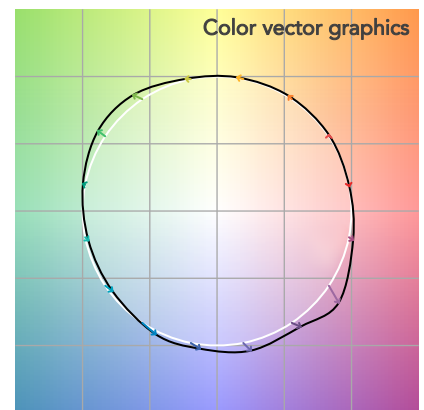
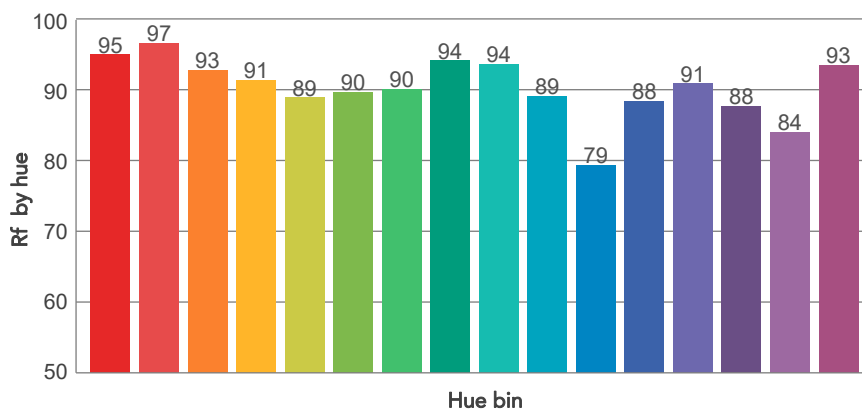
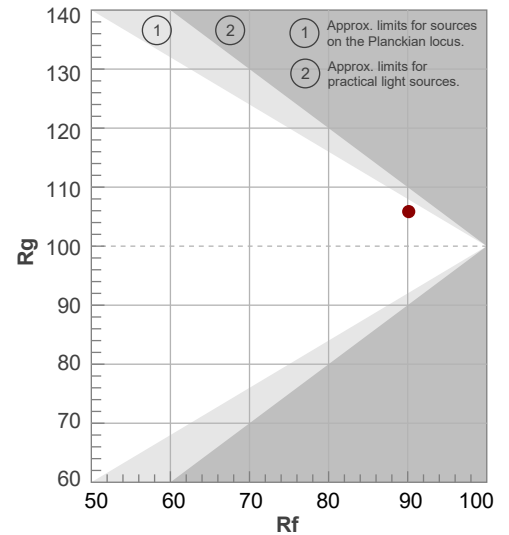
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6037 K	92,6	97,2	90,1	105,9	92,4	91	0,322	0,328	-0,0019

TM30 DETAILS

Rf 90,1
Fidelity index Rf

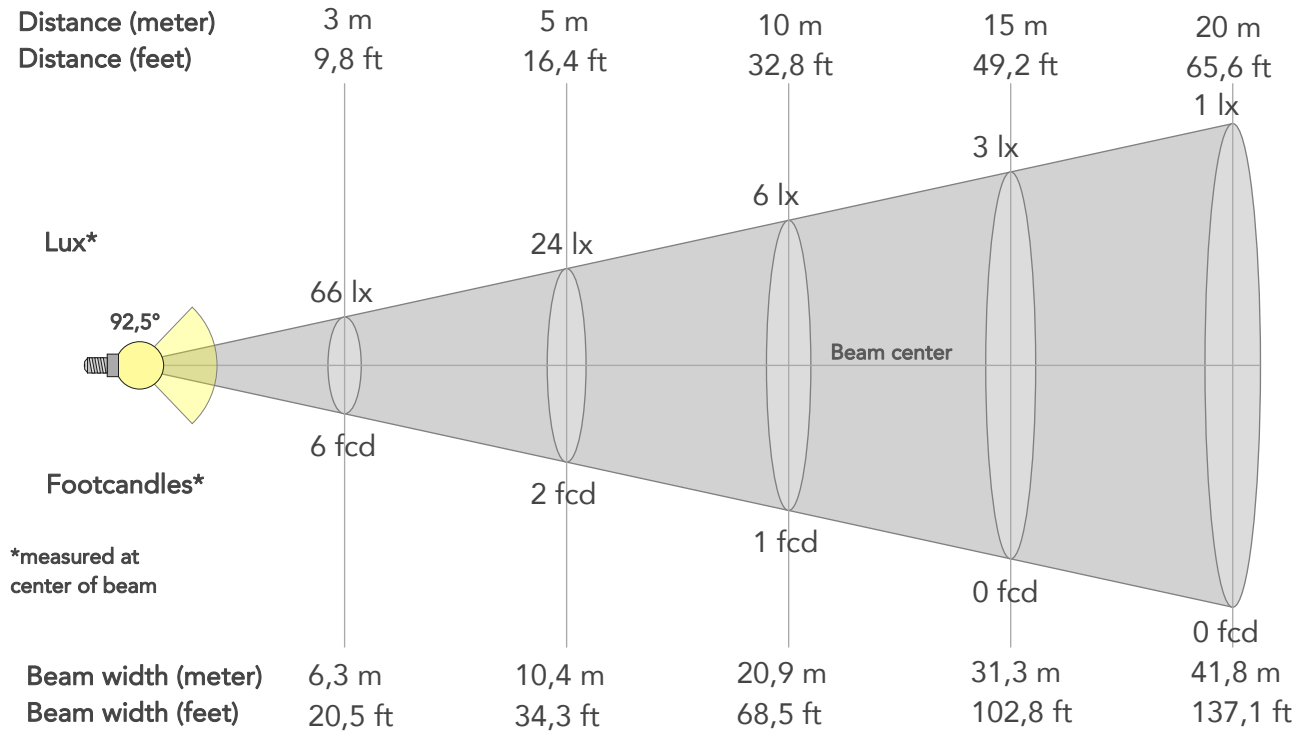
Rg 105,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-1%
2	97	1%	1%
3	93	1%	3%
4	91	0%	5%
5	89	1%	4%
6	90	6%	4%
7	90	7%	0%
8	94	2%	0%
9	94	-2%	3%
10	89	-2%	6%
11	79	2%	13%
12	88	3%	7%
13	91	7%	4%
14	88	6%	4%
15	84	13%	-6%
16	93	3%	-1%



BEAM DETAILS

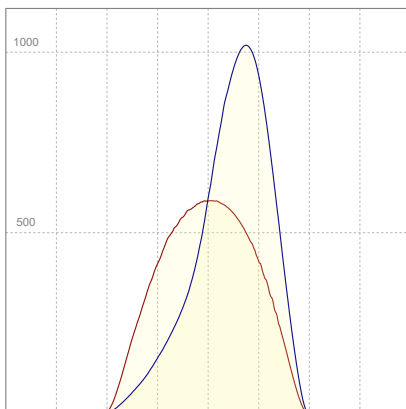
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
92,5°	148,1°	167,2°	79,5%	52,8%



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	592lx	148lx	66lx	37lx	24lx	11lx	6lx	3lx	1lx	1lx	1lx	0lx	0lx
Footcand.	55fcd	14fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,1m	4,2m	6,3m	8,4m	10,4m	15,7m	20,9m	31,3m	41,8m	52,2m	62,7m	83,6m	104,5m
Beam wid.	6,9ft	13,8ft	20,5ft	27,4ft	34,3ft	51,4ft	68,5ft	102,8ft	137,1ft	171,4ft	205,6ft	274,2ft	342,7ft

LINEAR DISTRIBUTION DIAGRAM

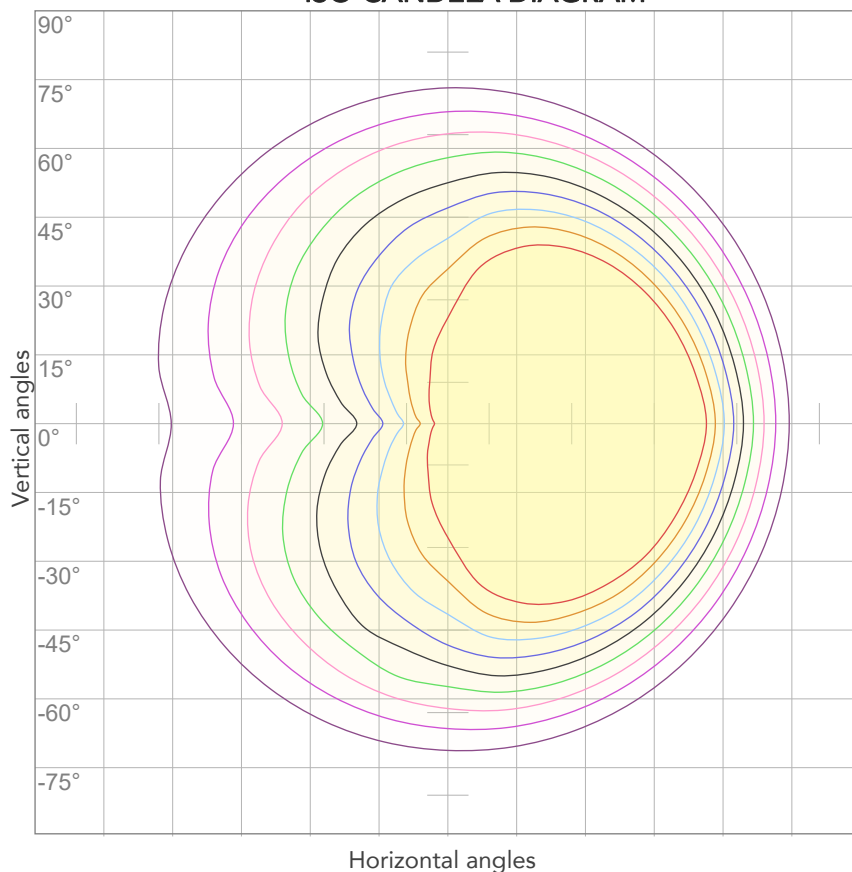


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,191A	40,9W	0,95	47lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



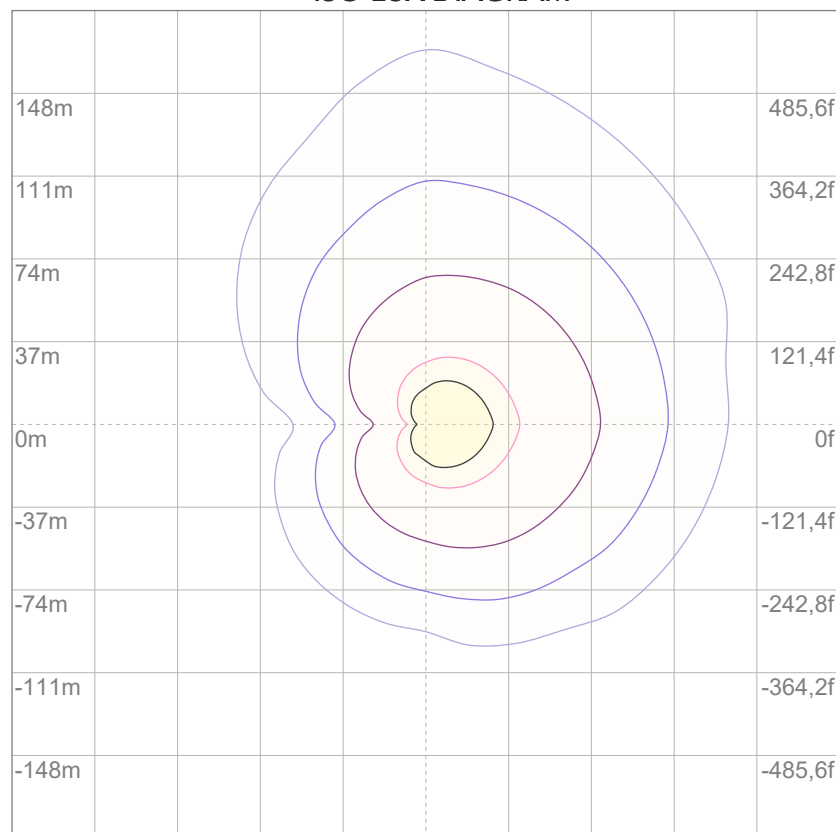
10%	59 cd
20%	118 cd
30%	177 cd
40%	237 cd
50%	296 cd
60%	355 cd
70%	414 cd
80%	473 cd

Conditions:

Number of c-planes: 4

Candela at center: 592 cd

ISO LUX DIAGRAM



3%	0,177 lx
5%	0,296 lx
10%	0,592 lx
30%	1,77 lx
50%	2,96 lx

Conditions:

Number of c-planes: 4

Lux at center: 5,92 lx

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



Total lumen output:

1938 lm

Peak candela output:

1019 cd

Light quality:

CRI: 92,6

Color temperature:

6037 K

PRODUCT NAME:

Gallery WashDATFC

MEASUREMENT CONDITIONS:

Beam angle:

Original Optic + Wide filter

Target:

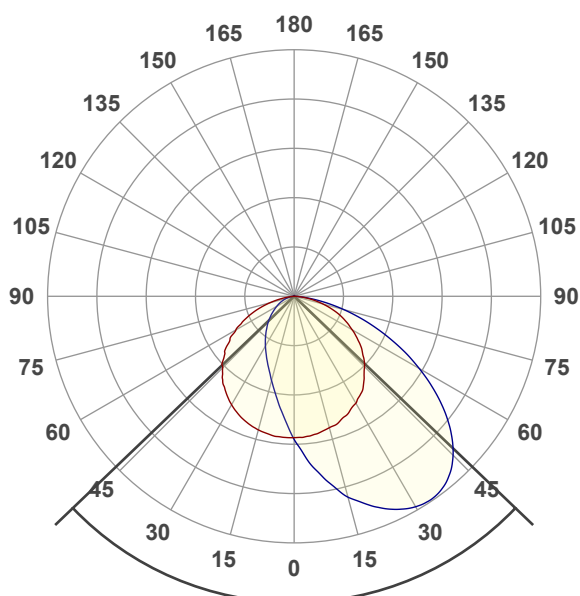
6000K

Operator:

Salvatore Giglio

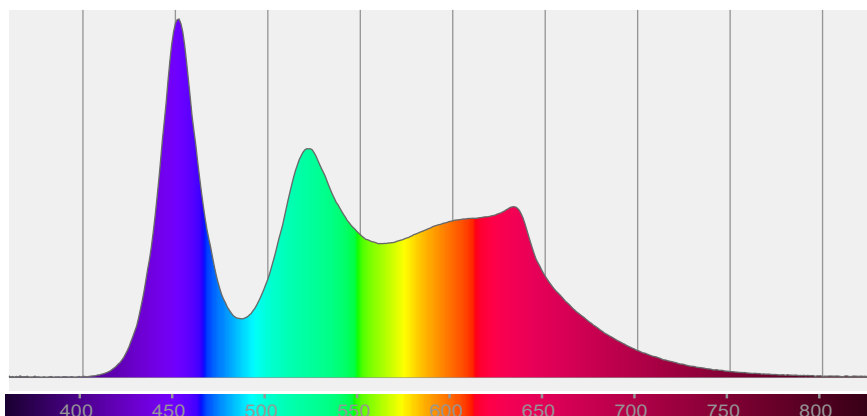
Date and time:

05/02/2025 12:57:29

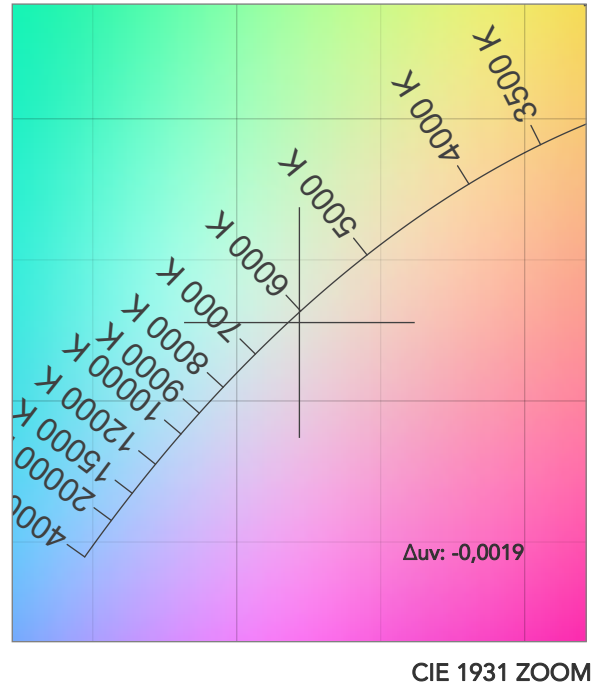
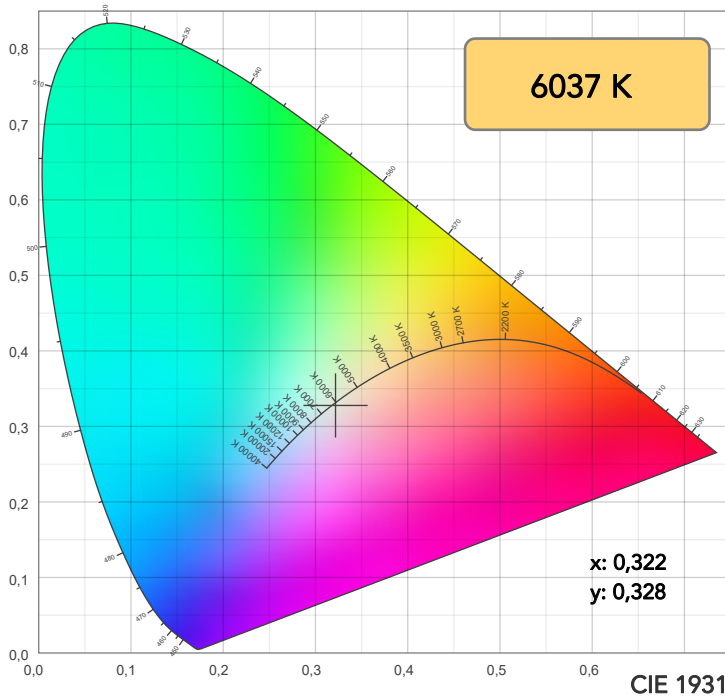


	Blue curve V	Red curve H
Beam angle 50%:	68°	117,1°
Field angle 10%:	135,7°	160,6°
Cut off angle 2.5%:	162,8°	171,6°

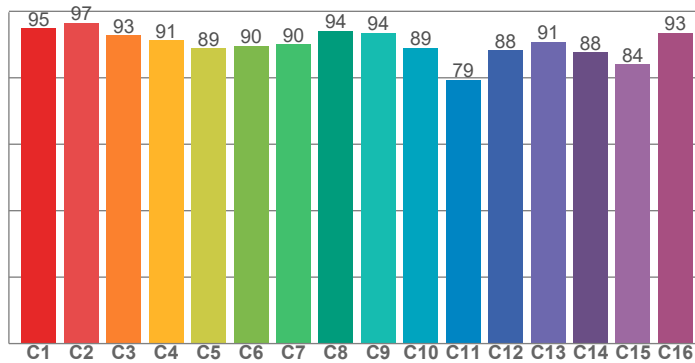
Spectra



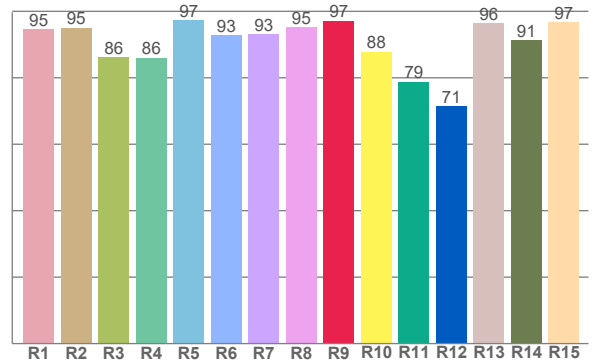
COLOR DETAILS



TM30: 90,1



CRI: 92,6 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,6	95,1	86,2	86,0	97,3	92,8	93,2	95,3	97,2	87,9	78,8	71,4	96,3	91,3	96,6

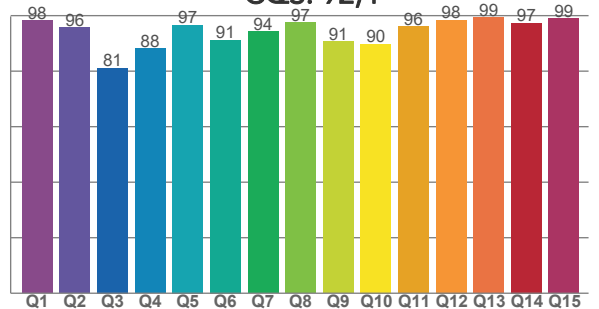
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,9	96,6	92,8	91,3	88,9	89,6	90,0	94,1	93,5	89,0	79,4	88,3	90,8	87,7	84,0	93,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,3	95,7	81,1	88,2	96,7	91,3	94,3	97,4	90,7	89,9	96,0	98,4	99,4	97,3	99,0

CQS: 92,4



COLOR PARAMETERS

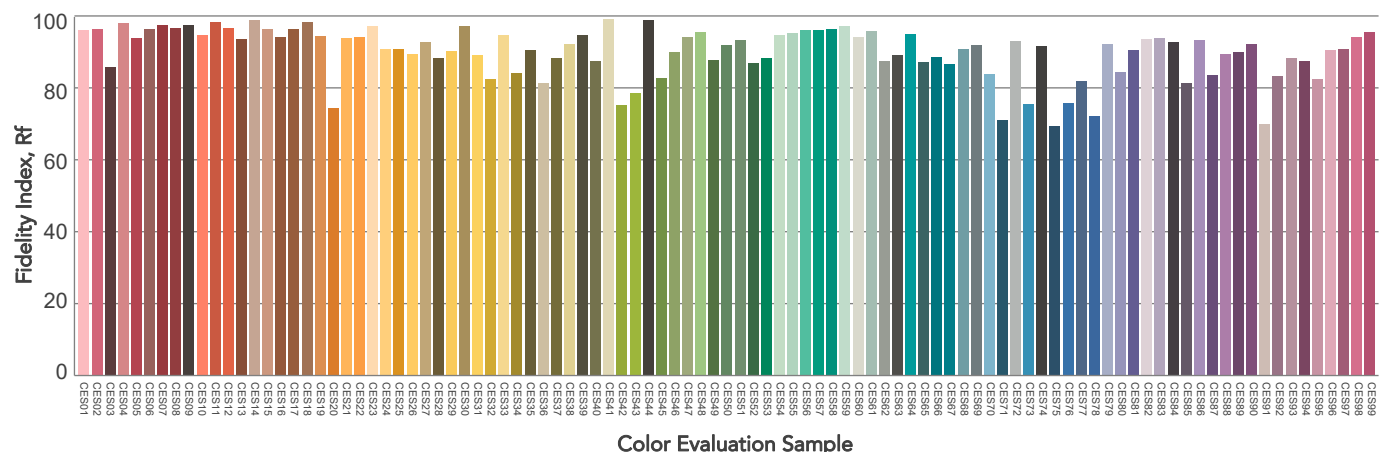
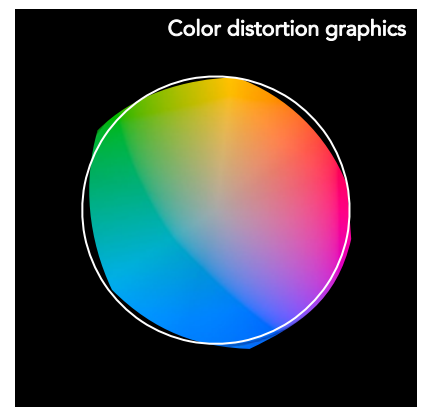
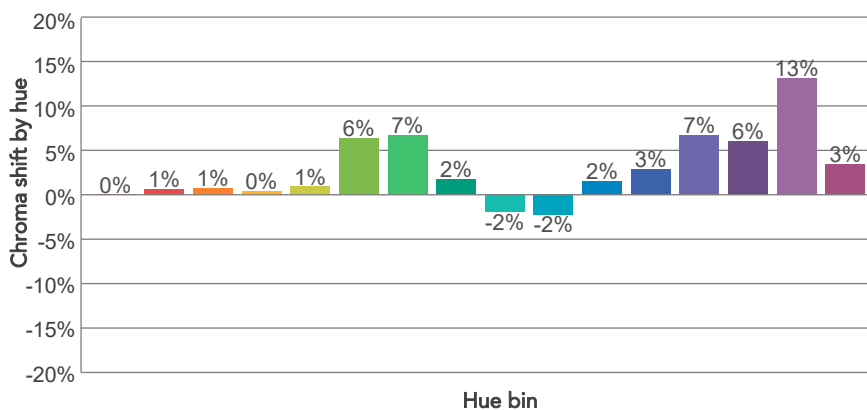
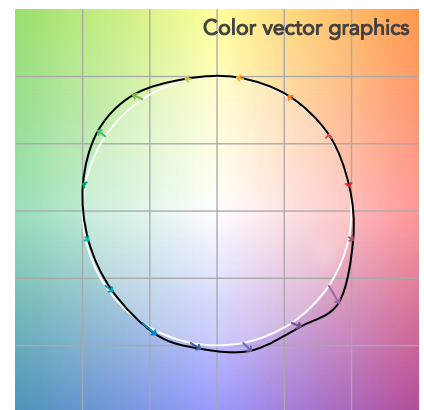
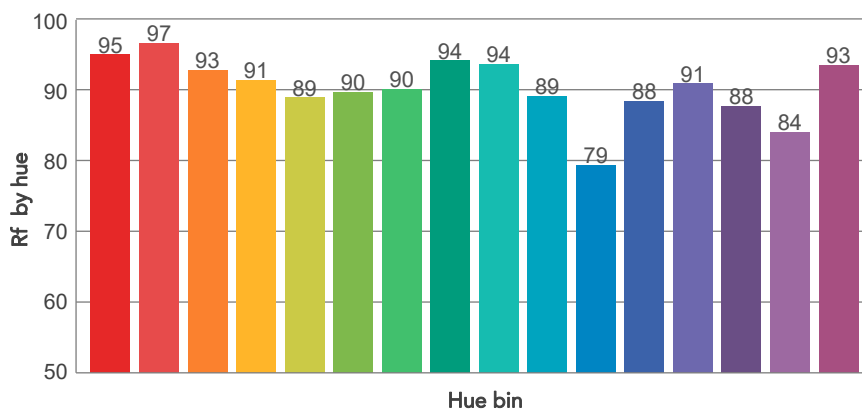
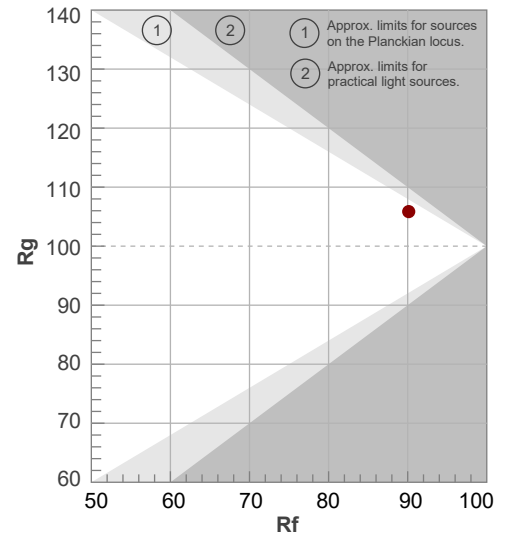
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6037 K	92,6	97,2	90,1	105,9	92,4	91	0,322	0,328	-0,0019

TM30 DETAILS

Rf 90,1
Fidelity index Rf

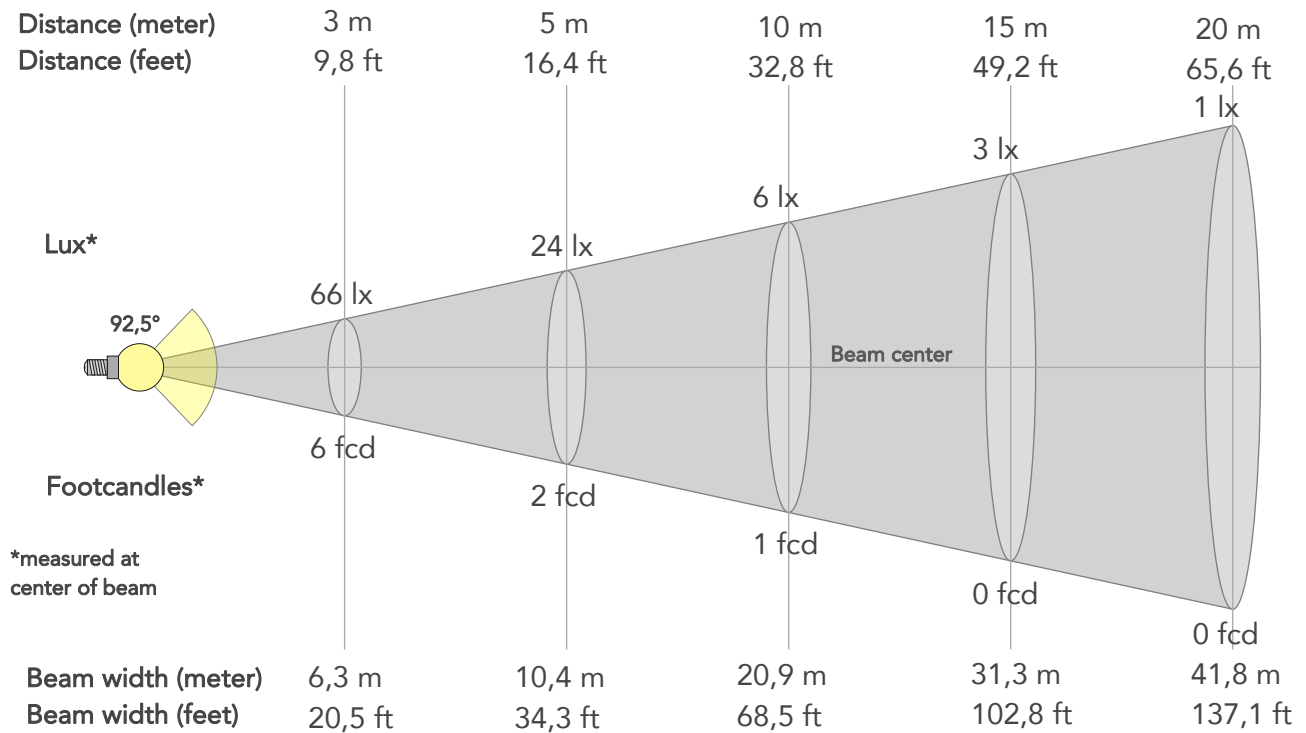
Rg 105,9
Gammut index

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BEAM DETAILS

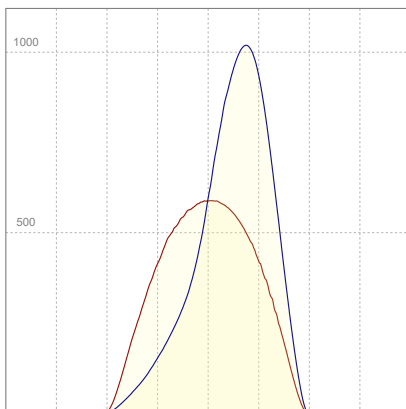
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Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	592lx	148lx	66lx	37lx	24lx	11lx	6lx	3lx	1lx	1lx	1lx	0lx	0lx
Footcand.	55fcd	14fcd	6fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	2,1m	4,2m	6,3m	8,4m	10,4m	15,7m	20,9m	31,3m	41,8m	52,2m	62,7m	83,6m	104,5m
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LINEAR DISTRIBUTION DIAGRAM

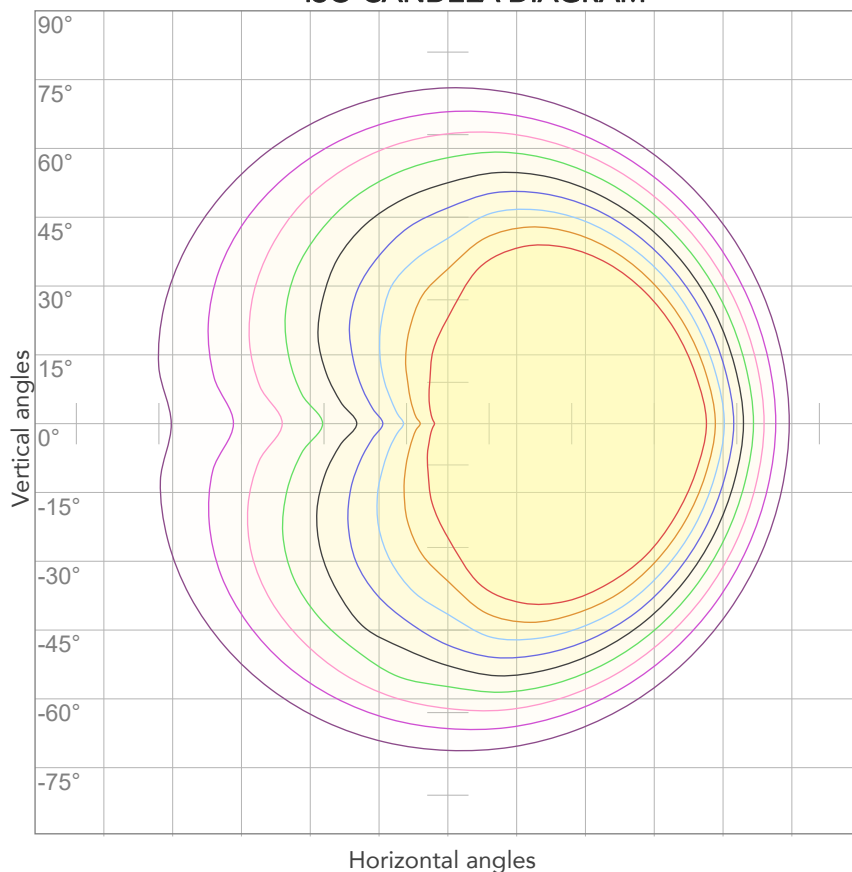


ELECTRICAL SPECIFICATIONS

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ISO DIAGRAMS

ISO CANDELA DIAGRAM



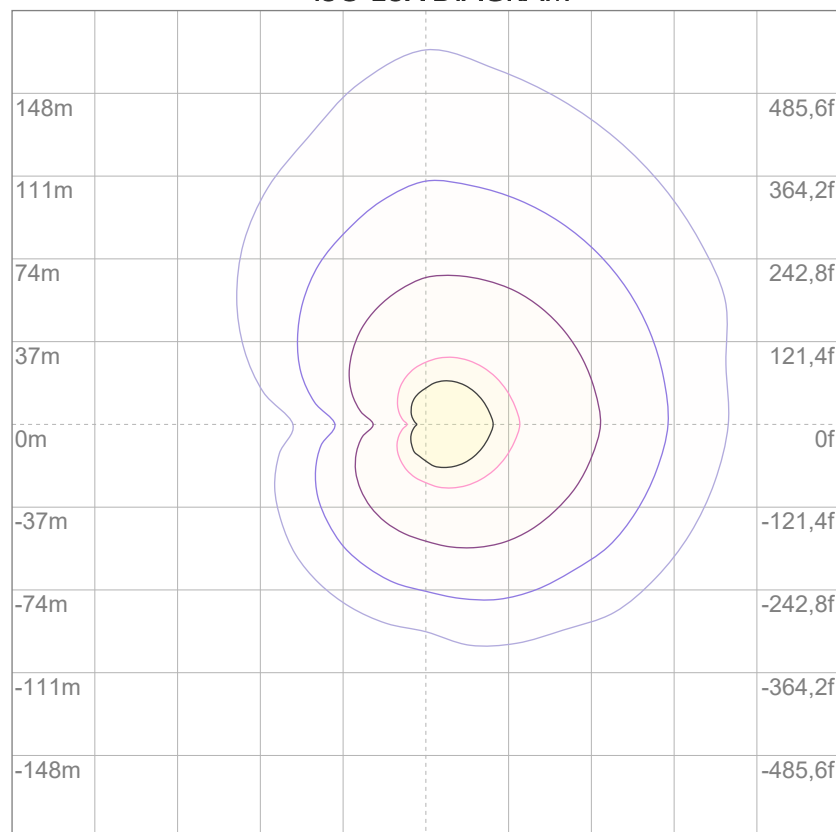
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80%	473 cd

Conditions:

Number of c-planes: 4

Candela at center: 592 cd

ISO LUX DIAGRAM



3%	0,177 lx
5%	0,296 lx
10%	0,592 lx
30%	1,77 lx
50%	2,96 lx

Conditions:

Number of c-planes: 4

Lux at center: 5,92 lx

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