



Photometric Test Report



EclFresnel FWXSVW

120 W Led Fresnel Variable White source,
130mm-5'' lens, barndoor included

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Min Zoom	105

Color temperature 6000K

Max Zoom	110
Med Zoom	115
Min Zoom	120

TESTING PROCESS

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

5897 lm

Peak candela output:

11003 cd

Light quality:

CRI: 94,4

Color temperature:

3872 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

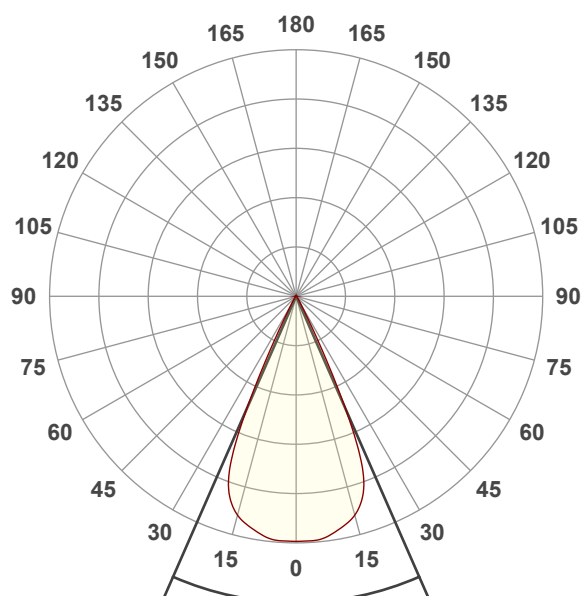
Full On

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 16:47:02

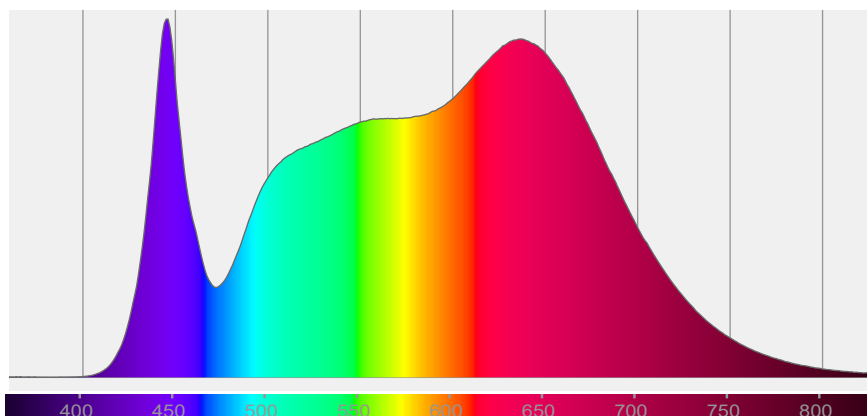


Beam angle 50%: 47,4°

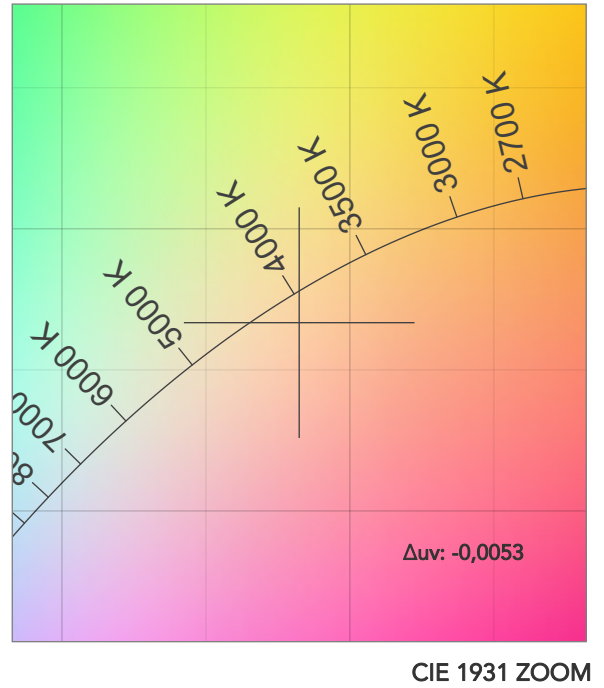
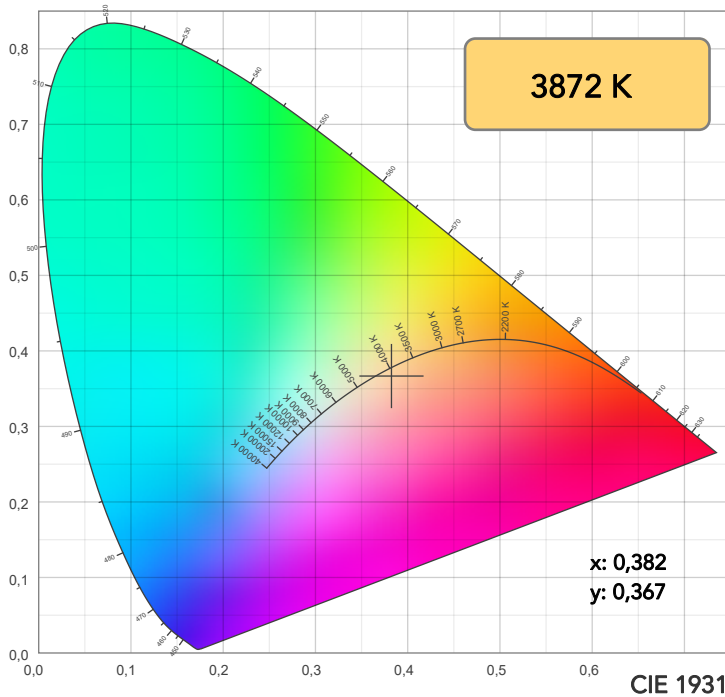
Field angle 10%: 55,8°

Cut off angle 2.5%: 66,8°

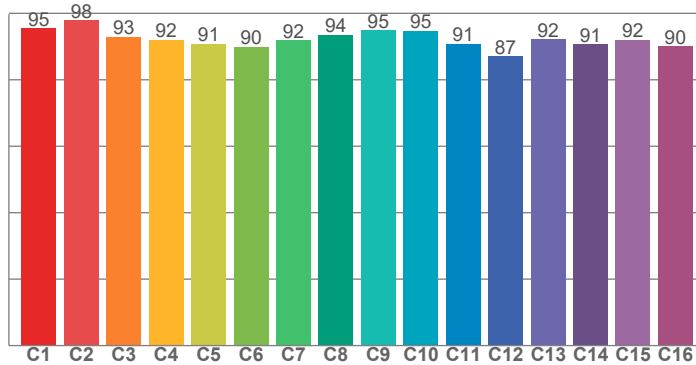
Spectra



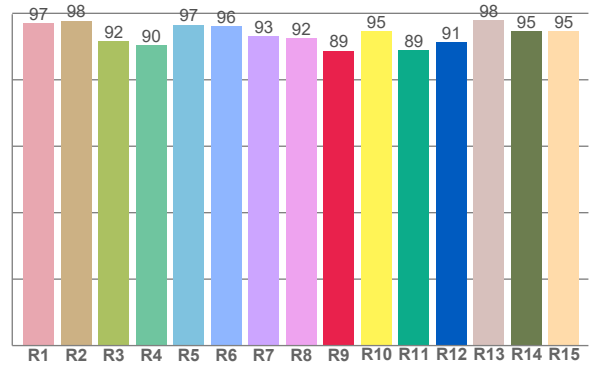
COLOR DETAILS



TM30: 92,5



CRI: 94,4 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,9	97,8	91,6	90,4	96,6	96,1	93,1	92,5	88,7	94,7	89,0	91,3	98,0	94,7	94,7

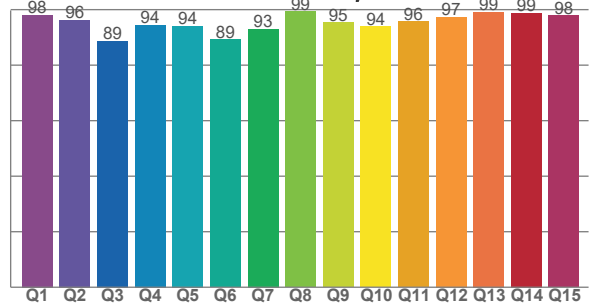
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,1	96,2	88,7	94,4	94,1	89,2	93,1	99,4	95,3	93,9	95,7	97,4	99,1	98,7	97,9

CQS: 94,4



COLOR PARAMETERS

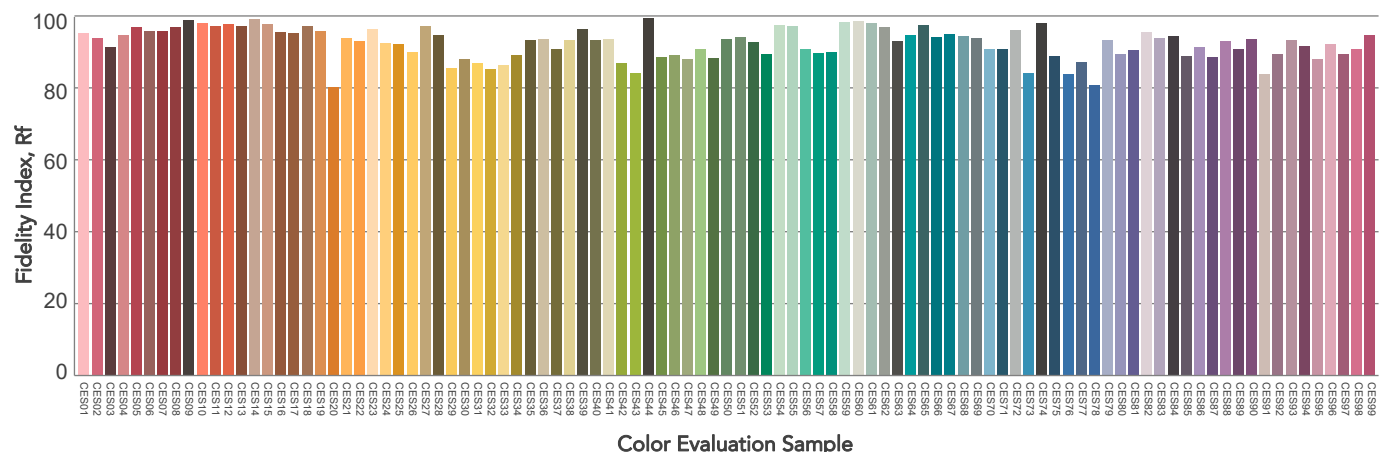
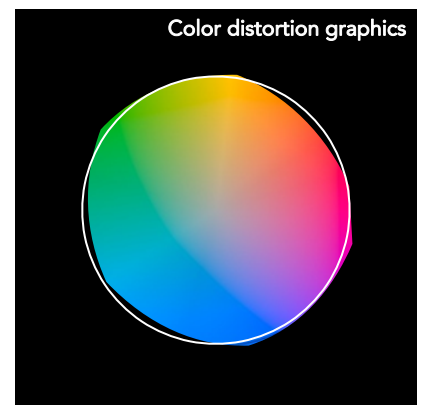
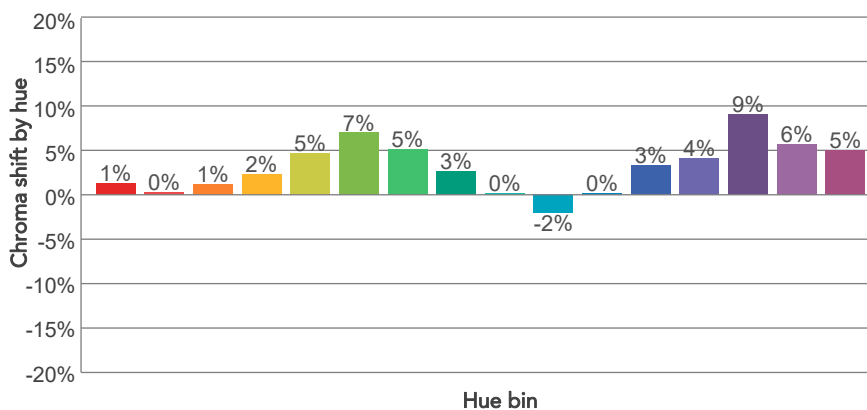
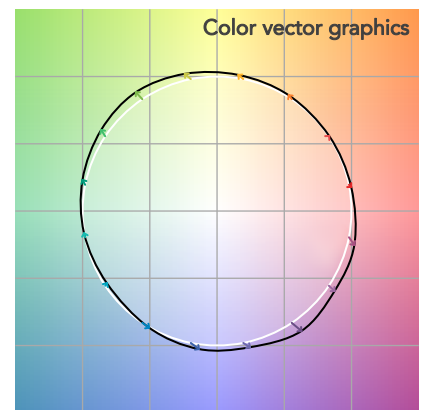
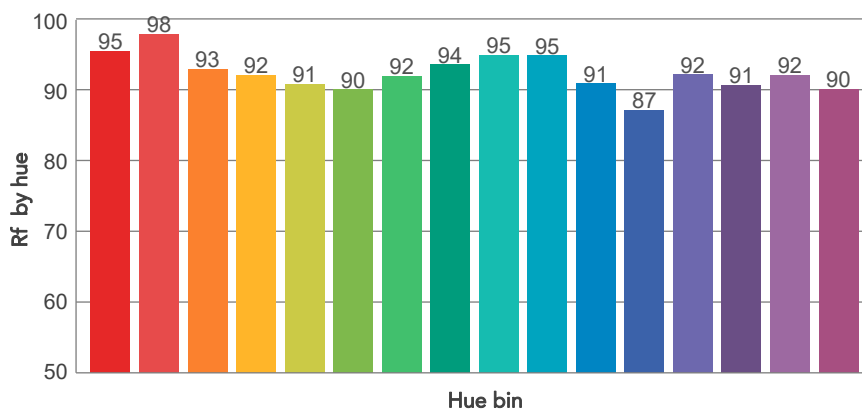
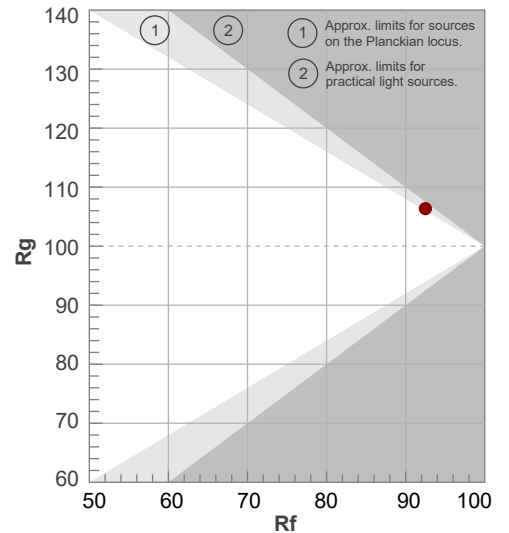
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3872 K	94,4	88,7	92,5	106,4	94,4	94	0,382	0,367	-0,0053

TM30 DETAILS

Rf 92,5
Fidelity index Rf

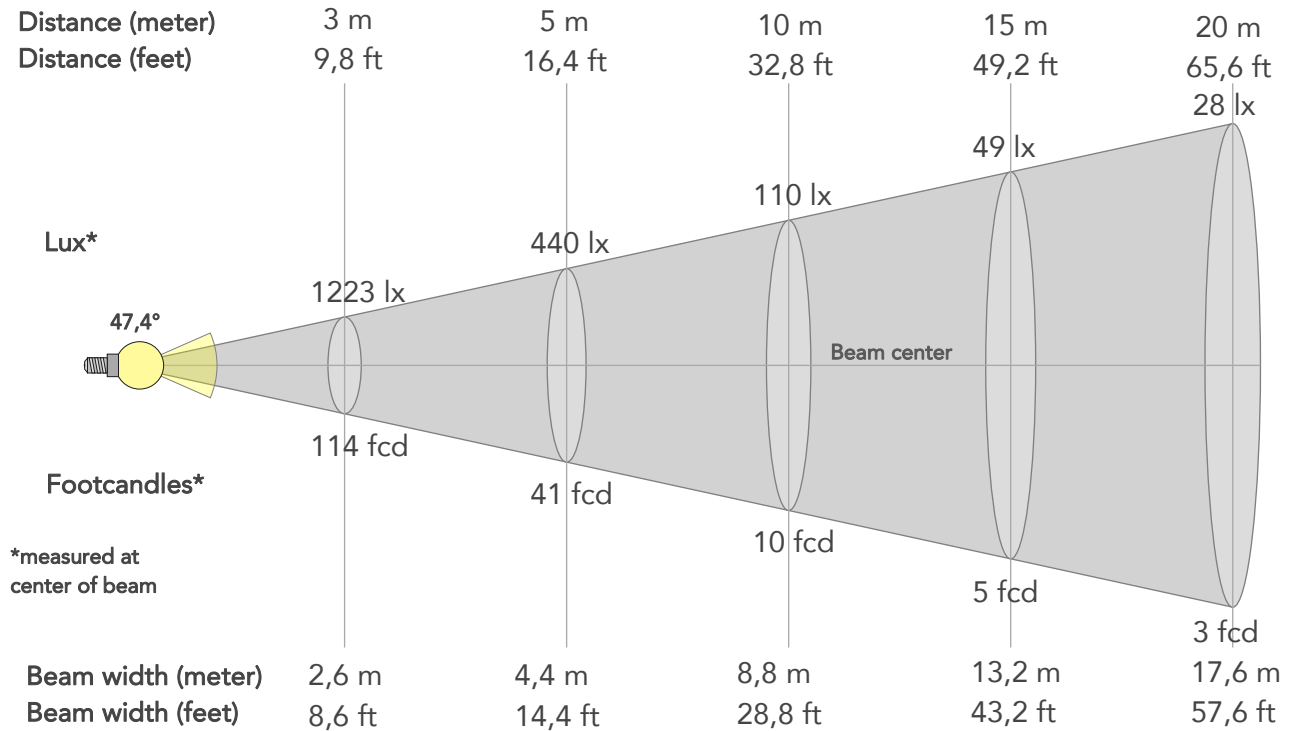
Rg 106,4
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	-2%
2	98	0%	0%
3	93	1%	4%
4	92	2%	4%
5	91	5%	4%
6	90	7%	1%
7	92	5%	-2%
8	94	3%	-3%
9	95	0%	-3%
10	95	-2%	-1%
11	91	0%	6%
12	87	3%	7%
13	92	4%	4%
14	91	9%	3%
15	92	6%	-1%
16	90	5%	-5%



BEAM DETAILS

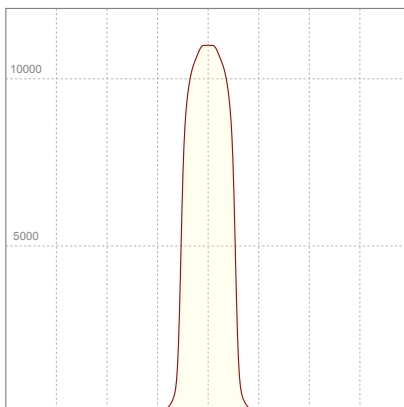
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,4°	55,8°	66,8°	99,6%	98,7%



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	11003lx	2751lx	1223lx	688lx	440lx	196lx	110lx	49lx	28lx	18lx	12lx	7lx	4lx
Footcand.	1022fcd	256fcd	114fcd	64fcd	41fcd	18fcd	10fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,2m	17,6m	21,9m	26,3m	35,1m	43,9m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,4ft	21,6ft	28,8ft	43,2ft	57,6ft	72ft	86,4ft	115,1ft	143,9ft

LINEAR DISTRIBUTION DIAGRAM

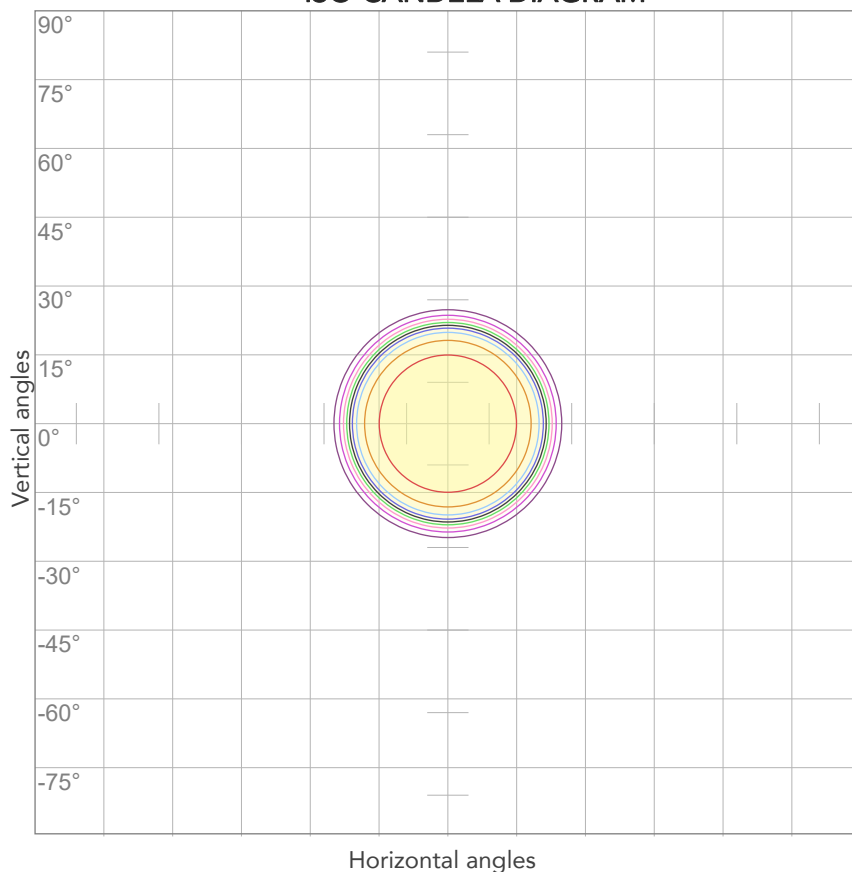


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,558A	124,3W	0,99	47lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



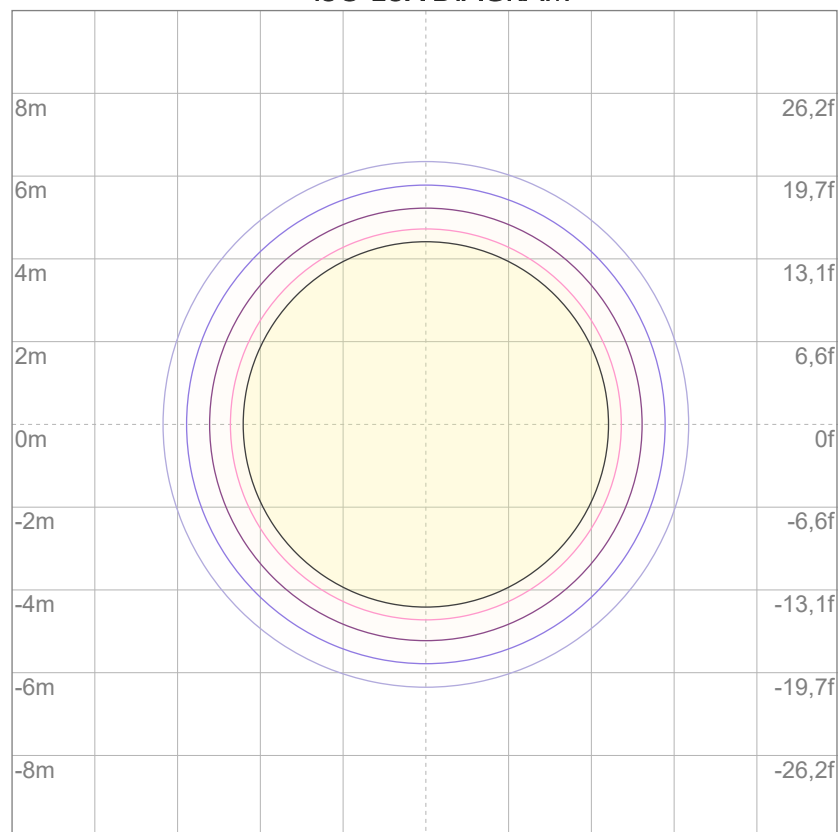
10%	1100 cd
20%	2201 cd
30%	3301 cd
40%	4401 cd
50%	5502 cd
60%	6602 cd
70%	7702 cd
80%	8803 cd

Conditions:

Number of c-planes: 2

Candela at center: 11003 cd

ISO LUX DIAGRAM



3%	3,30 lx
5%	5,50 lx
10%	11,0 lx
30%	33,0 lx
50%	55,0 lx

Conditions:

Number of c-planes: 2

Lux at center: 110 lx

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



Total lumen output:

5073 lm

Peak candela output:

35324 cd

Light quality:

CRI: 94,3

Color temperature:

3941 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

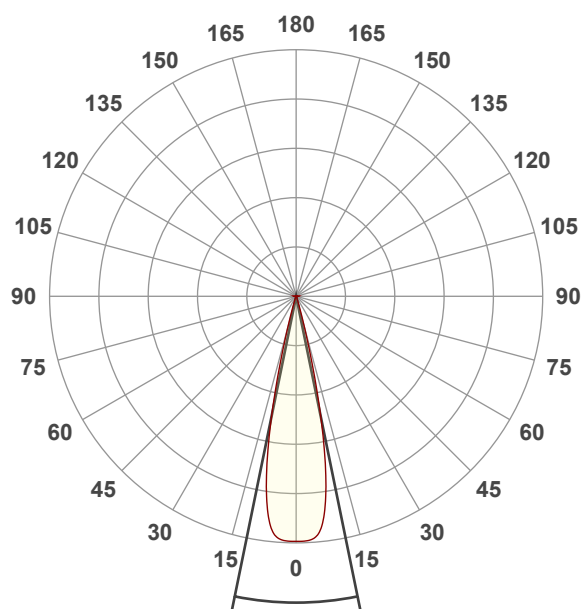
Full On

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 15:35:36

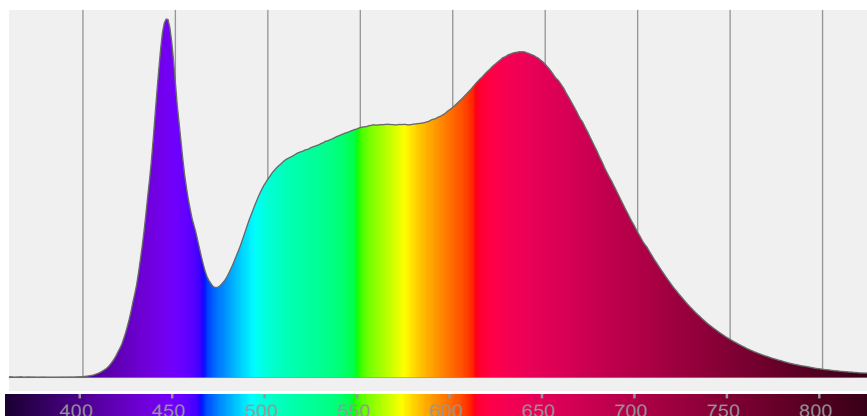


Beam angle 50%: 23,1°

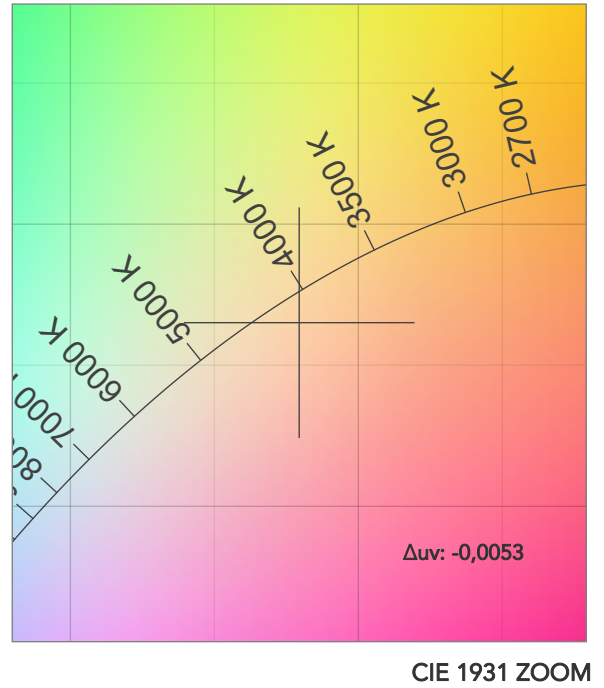
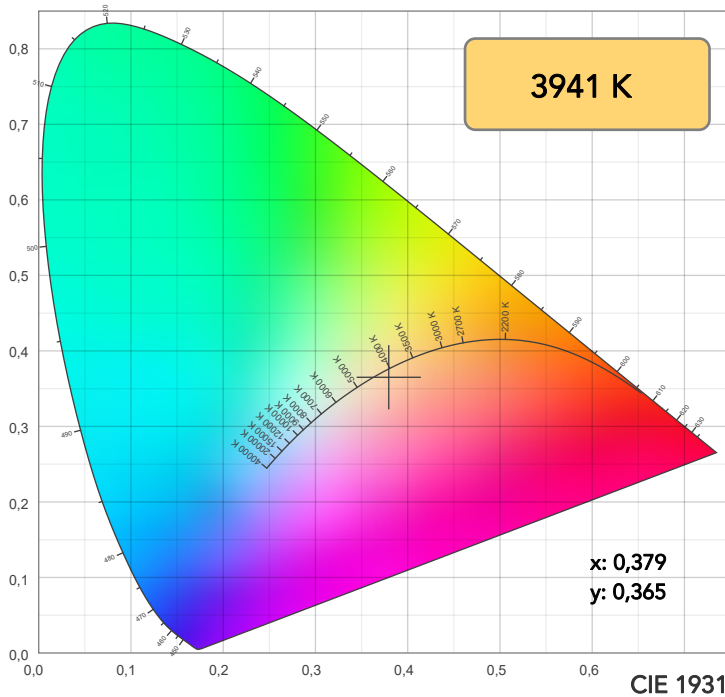
Field angle 10%: 31,1°

Cut off angle 2.5%: 37°

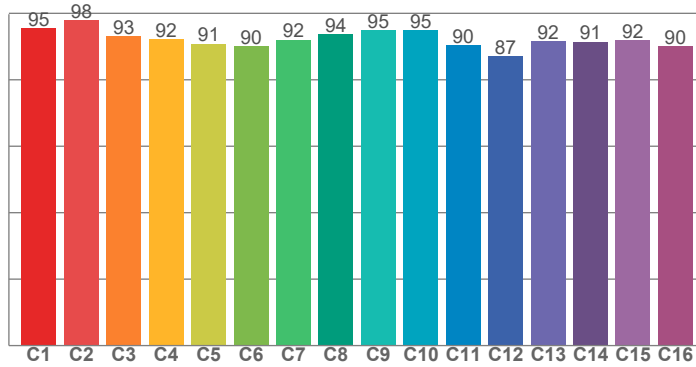
Spectra



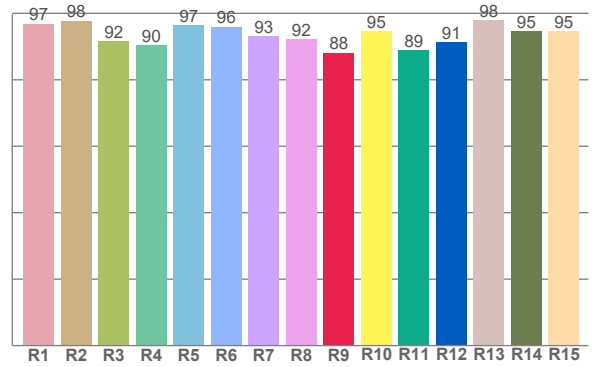
COLOR DETAILS



TM30: 92,5



CRI: 94,3 (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
96,9	97,8	91,6	90,3	96,6	96,0	93,0	92,3	88,2	94,6	88,9	91,2	98,0	94,7	94,6

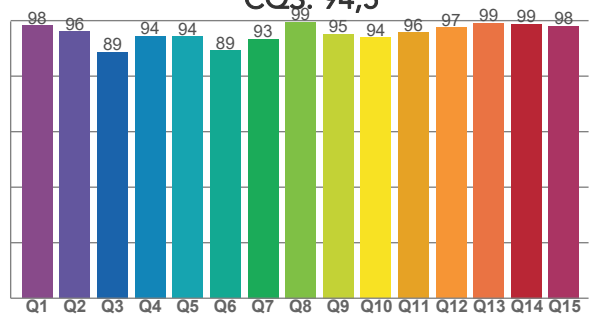
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,3	96,2	88,7	94,4	94,2	89,3	93,3	99,5	95,2	93,9	95,7	97,5	99,2	98,7	98,0

CQS: 94,5



COLOR PARAMETERS

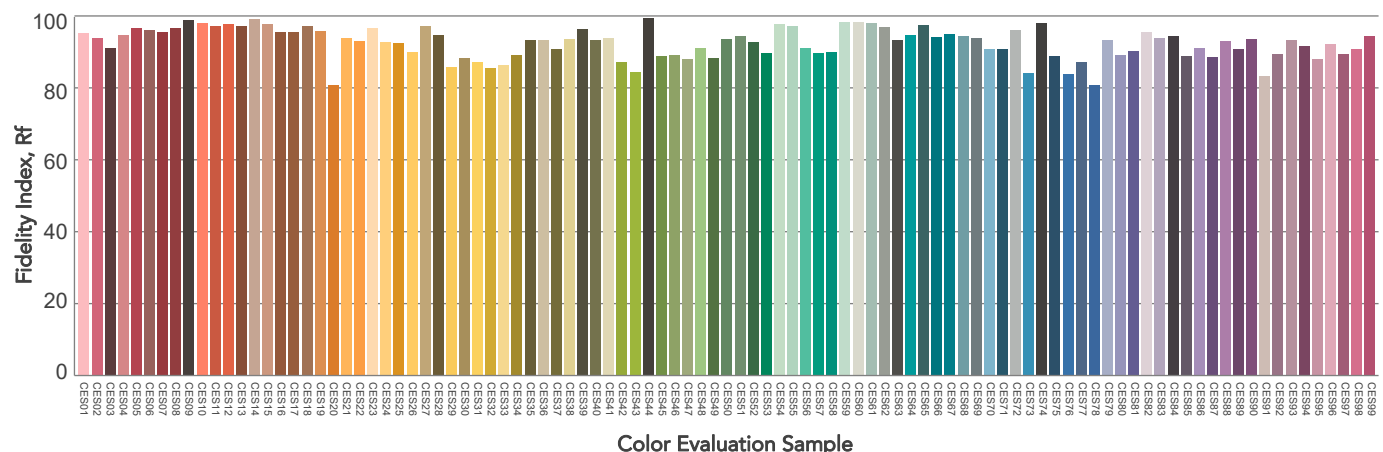
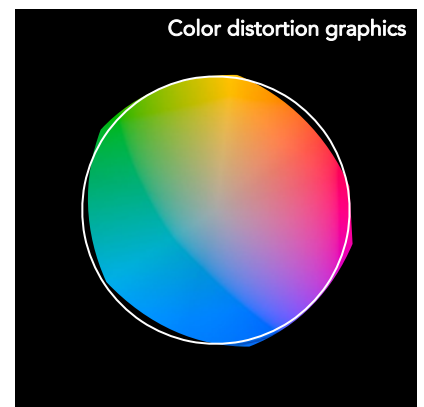
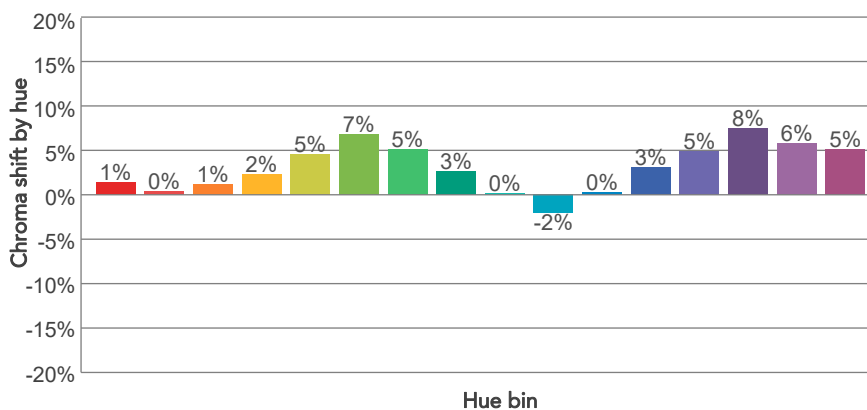
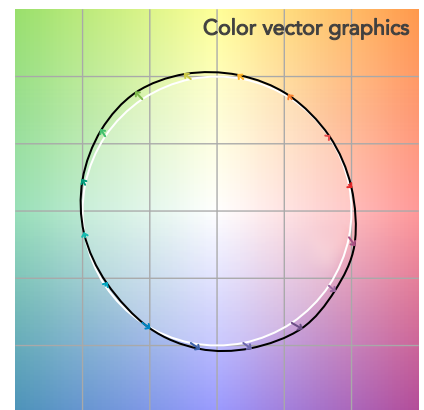
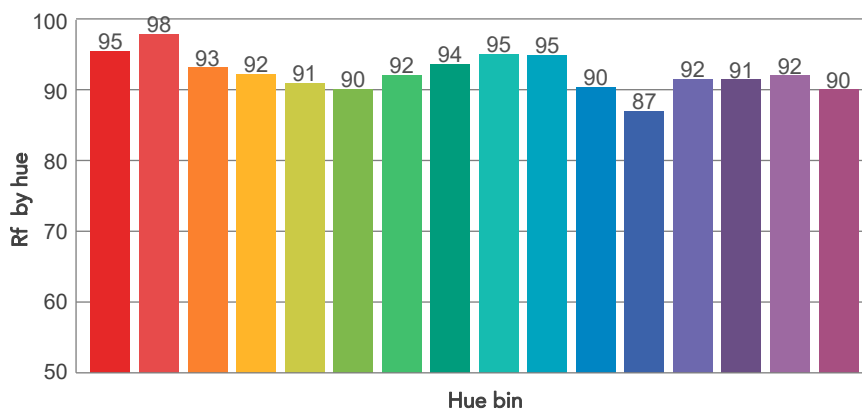
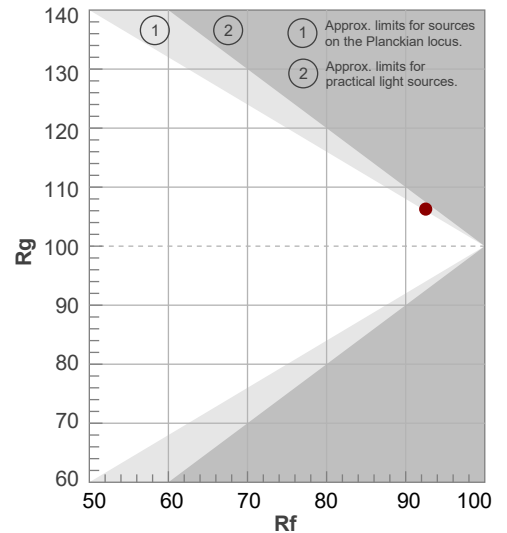
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3941 K	94,3	88,2	92,5	106,3	94,5	94	0,379	0,365	-0,0053

TM30 DETAILS

Rf 92,5
Fidelity index Rf

Rg 106,3
Gammut index

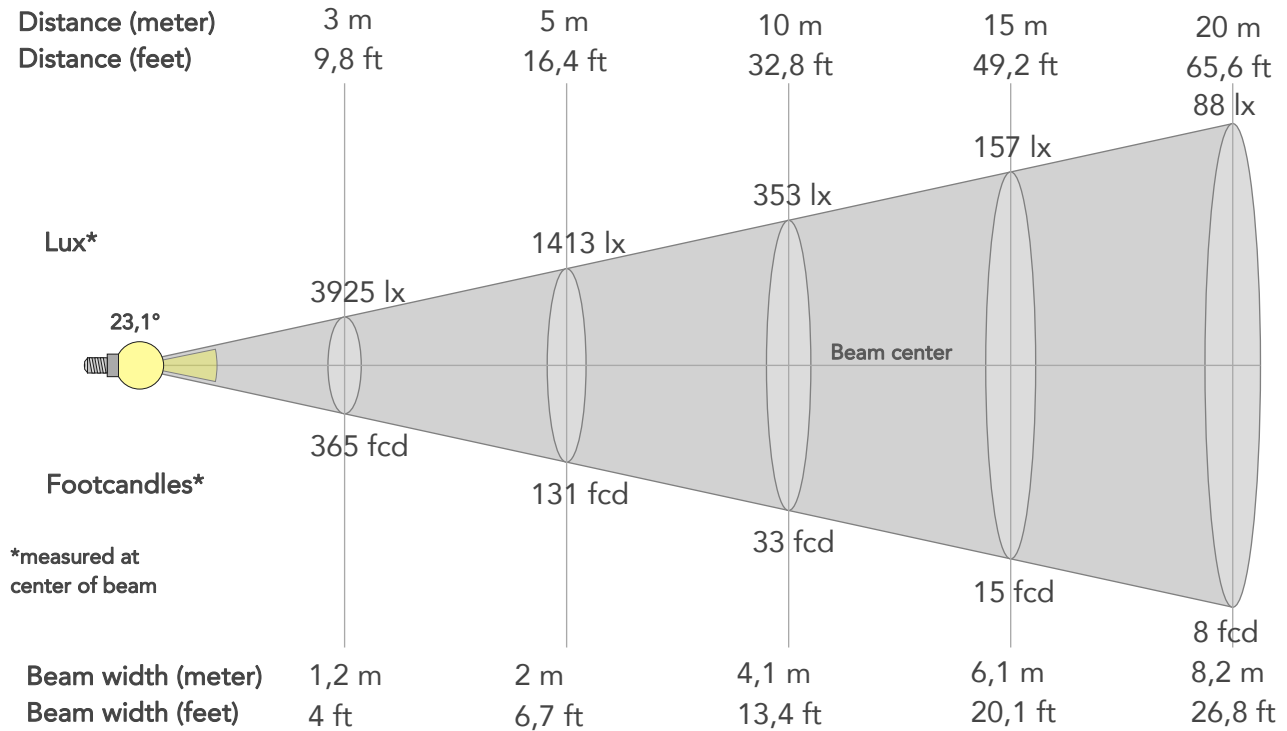
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	-2%
2	98	0%	0%
3	93	1%	3%
4	92	2%	4%
5	91	5%	4%
6	90	7%	1%
7	92	5%	-2%
8	94	3%	-3%
9	95	0%	-3%
10	95	-2%	-1%
11	90	0%	6%
12	87	3%	7%
13	92	5%	5%
14	91	8%	4%
15	92	6%	-1%
16	90	5%	-5%



BEAM DETAILS



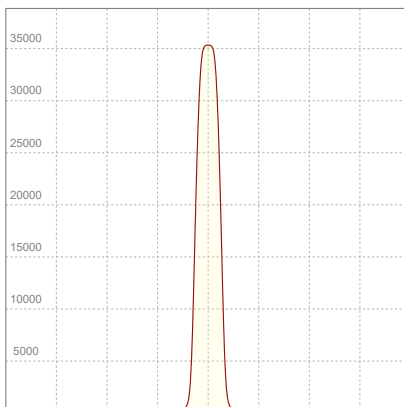
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,1°	31,1°	37°	99,5%	98,5%



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	35322lx	8830lx	3925lx	2208lx	1413lx	628lx	353lx	157lx	88lx	57lx	39lx	22lx	14lx
Footcand.	3281fcd	820fcd	365fcd	205fcd	131fcd	58fcd	33fcd	15fcd	8fcd	5fcd	4fcd	2fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3,1m	4,1m	6,1m	8,2m	10,2m	12,3m	16,4m	20,5m
Beam wid.	1,4ft	2,7ft	4ft	5,4ft	6,7ft	10,1ft	13,4ft	20,1ft	26,8ft	33,6ft	40,3ft	53,7ft	67,1ft

LINEAR DISTRIBUTION DIAGRAM

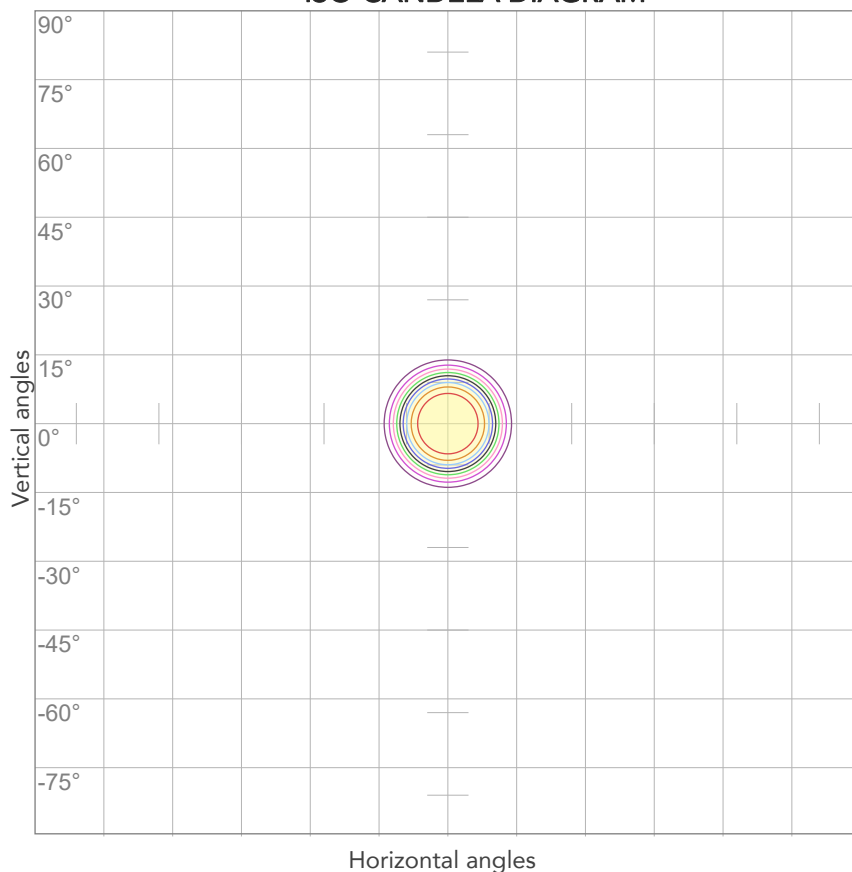


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
225V	0,556A	123,9W	0,99	41lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



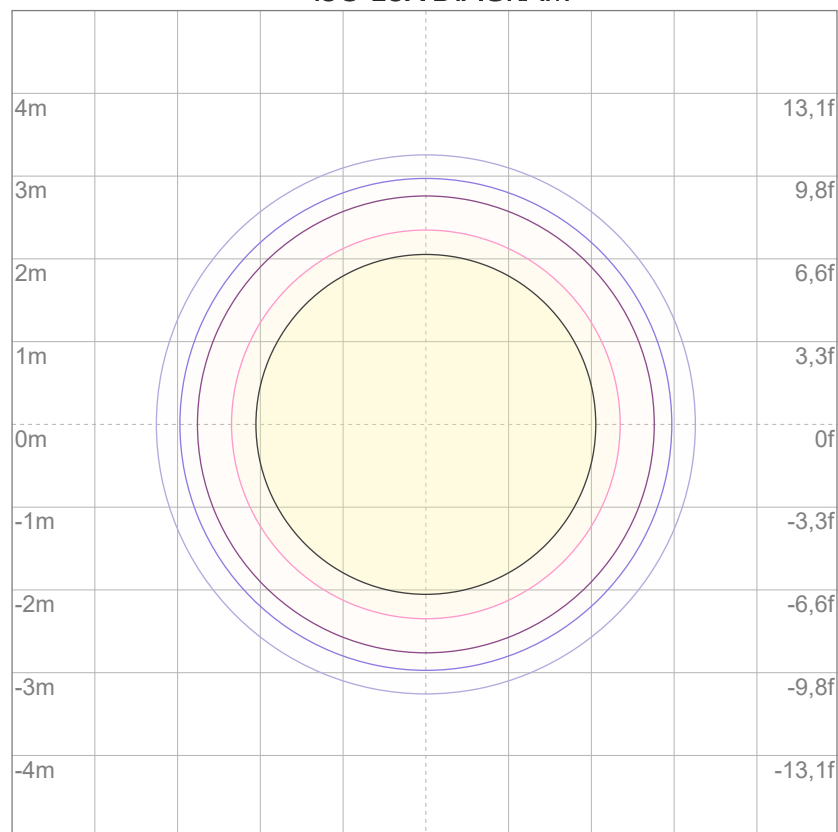
10%	3532 cd
20%	7064 cd
30%	10596 cd
40%	14129 cd
50%	17661 cd
60%	21193 cd
70%	24725 cd
80%	28257 cd

Conditions:

Number of c-planes: 2

Candela at center: 35322 cd

ISO LUX DIAGRAM



3%	10,6 lx
5%	17,7 lx
10%	35,3 lx
30%	106 lx
50%	177 lx

Conditions:

Number of c-planes: 2

Lux at center: 353 lx

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



Total lumen output:

3175 lm

Peak candela output:

105837 cd

Light quality:

CRI: 94,2

Color temperature:

4022 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

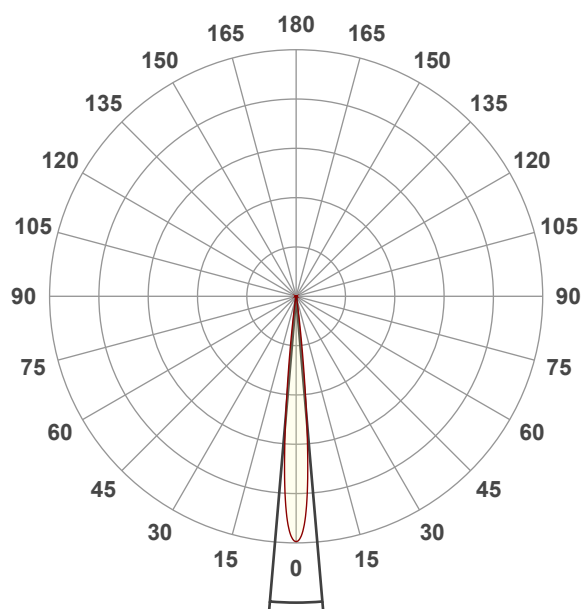
Full On

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 14:22:53

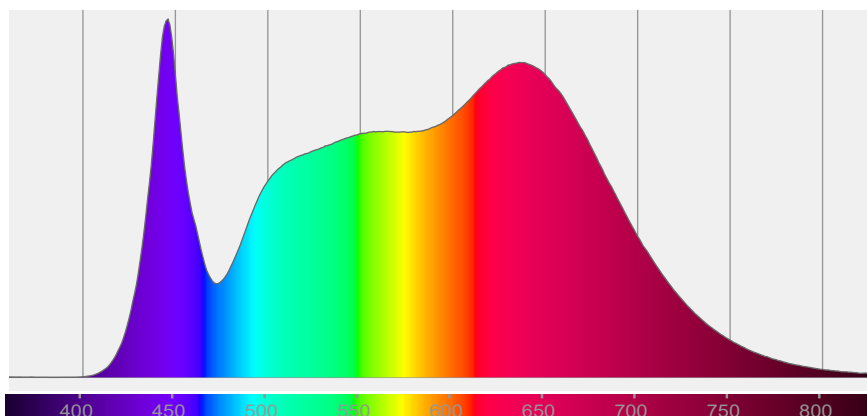


Beam angle 50%: 9,8°

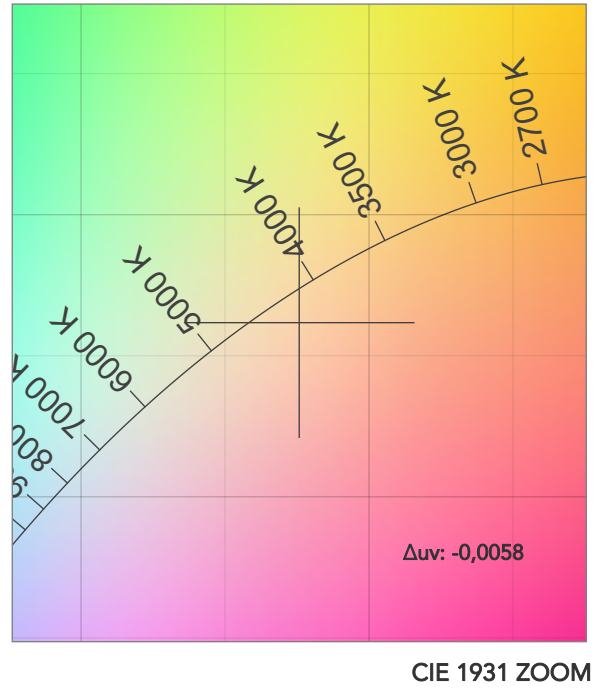
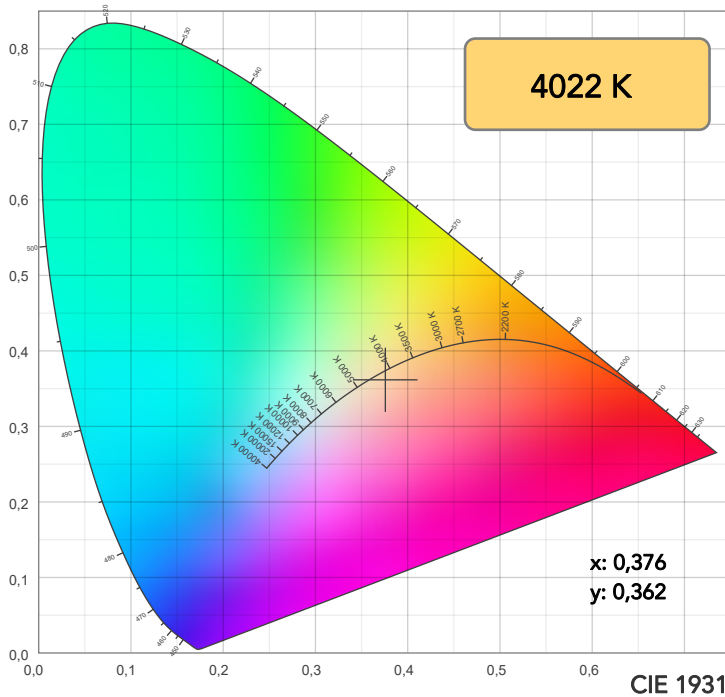
Field angle 10%: 15,1°

Cut off angle 2.5%: 19,1°

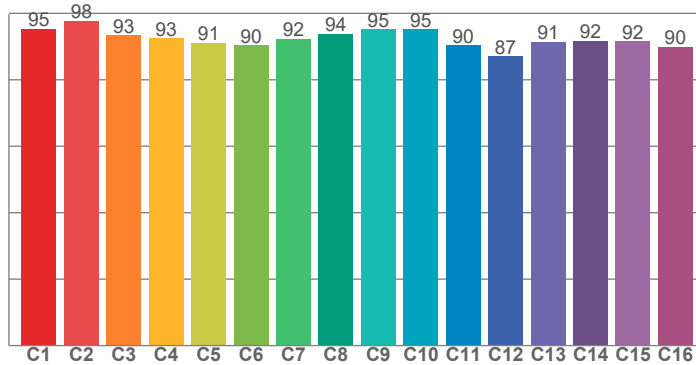
Spectra



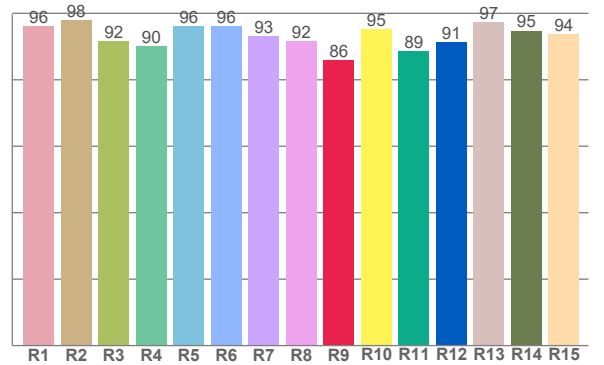
COLOR DETAILS



TM30: 92,6



CRI: 94,2 (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
96,2	98,0	91,7	90,2	96,2	96,2	93,2	91,7	85,9	95,3	88,5	91,4	97,3	94,8	93,7

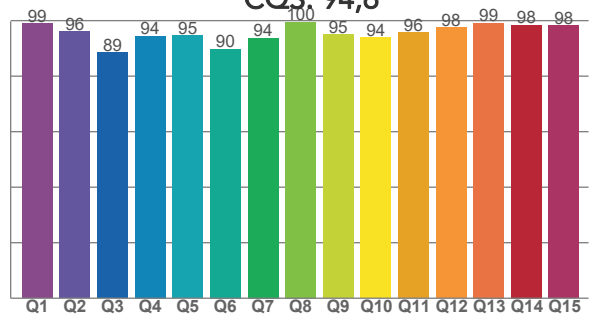
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,3	97,8	93,3	92,5	91,2	90,3	92,3	93,9	95,3	95,3	90,3	87,1	91,4	91,8	91,6	89,9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,9	96,1	88,6	94,4	94,7	89,8	93,8	99,6	95,0	94,0	95,8	97,5	99,2	98,5	98,3

CQS: 94,6



COLOR PARAMETERS

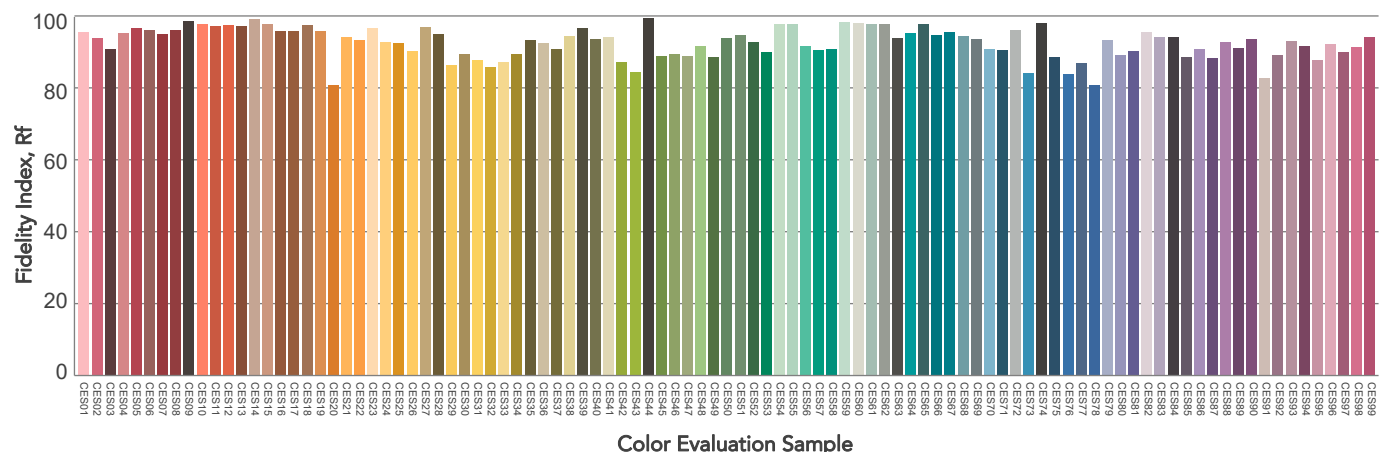
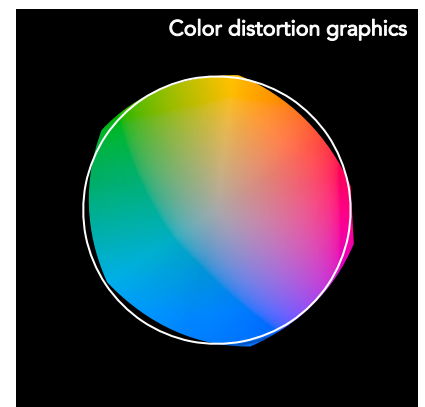
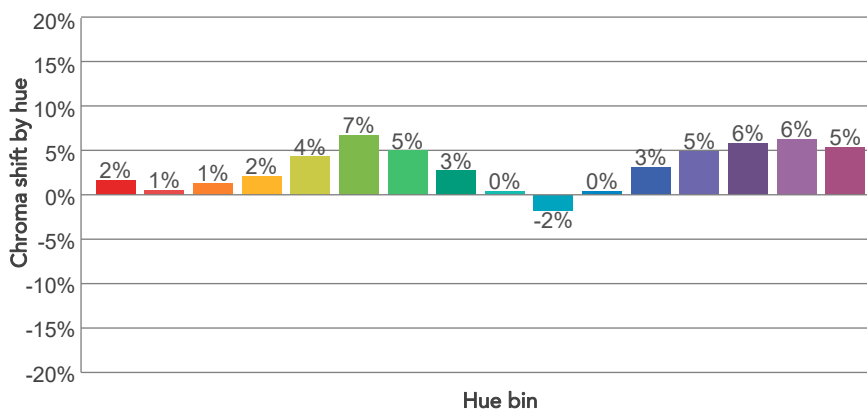
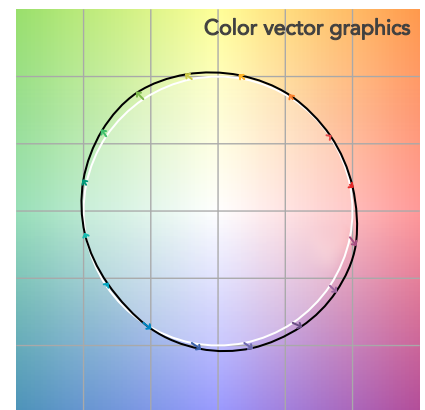
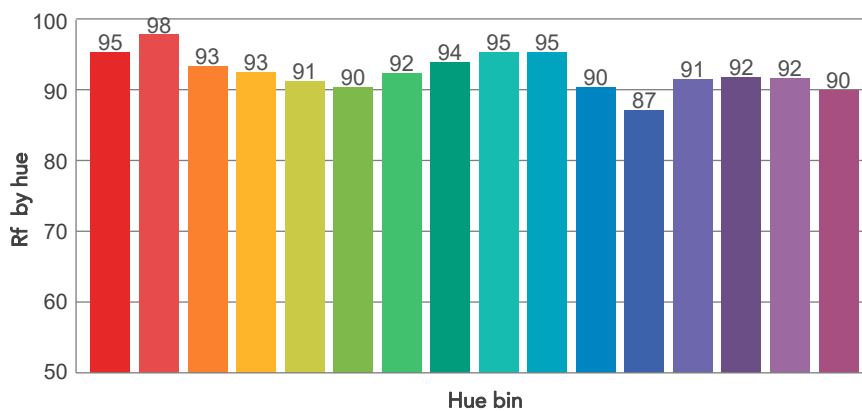
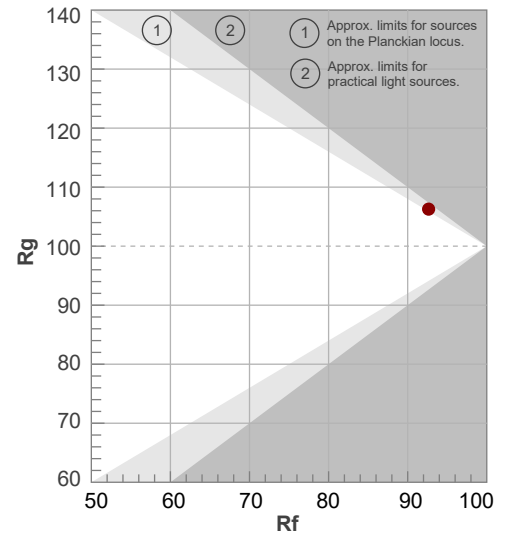
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4022 K	94,2	85,9	92,6	106,3	94,6	94	0,376	0,362	-0,0058

TM30 DETAILS

Rf 92,6
Fidelity index Rf

Rg 106,3
Gammut index

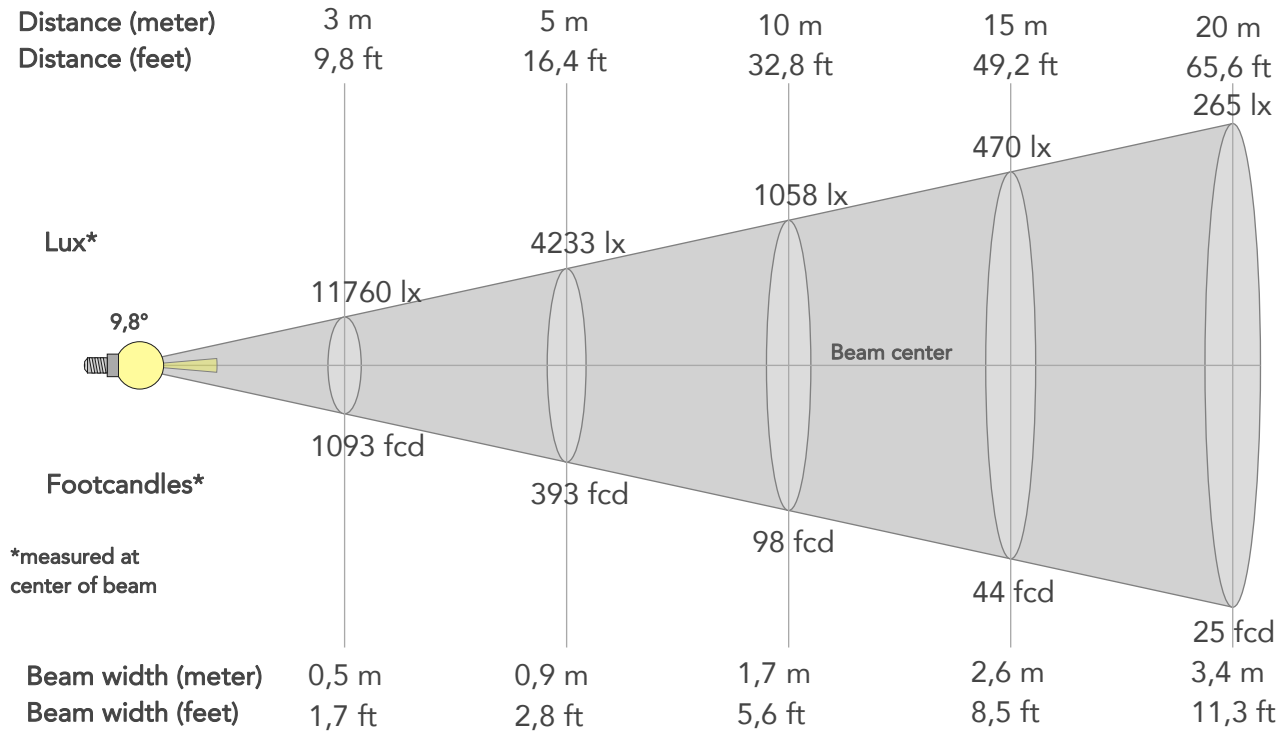
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	2%	-2%
2	98	1%	0%
3	93	1%	3%
4	93	2%	4%
5	91	4%	4%
6	90	7%	1%
7	92	5%	-2%
8	94	3%	-3%
9	95	0%	-3%
10	95	-2%	-1%
11	90	0%	7%
12	87	3%	7%
13	91	5%	5%
14	92	6%	4%
15	92	6%	-1%
16	90	5%	-5%



BEAM DETAILS



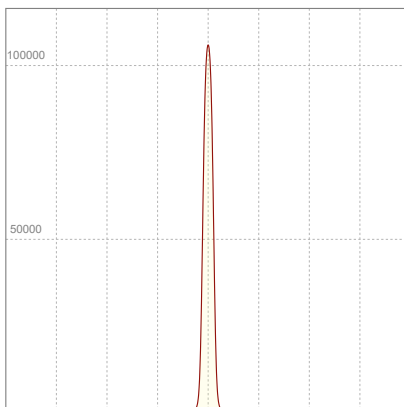
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,8°	15,1°	19,1°	99,8%	99,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	105837lx	26459lx	11760lx	6615lx	4233lx	1882lx	1058lx	470lx	265lx	169lx	118lx	66lx	42lx
Footcand.	9833fcd	2458fcd	1093fcd	615fcd	393fcd	175fcd	98fcd	44fcd	25fcd	16fcd	11fcd	6fcd	4fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,9m	1,3m	1,7m	2,6m	3,4m	4,3m	5,2m	6,9m	8,6m
Beam wid.	0,6ft	1,1ft	1,7ft	2,3ft	2,8ft	4,2ft	5,6ft	8,5ft	11,3ft	14,1ft	16,9ft	22,6ft	28,2ft

LINEAR DISTRIBUTION DIAGRAM

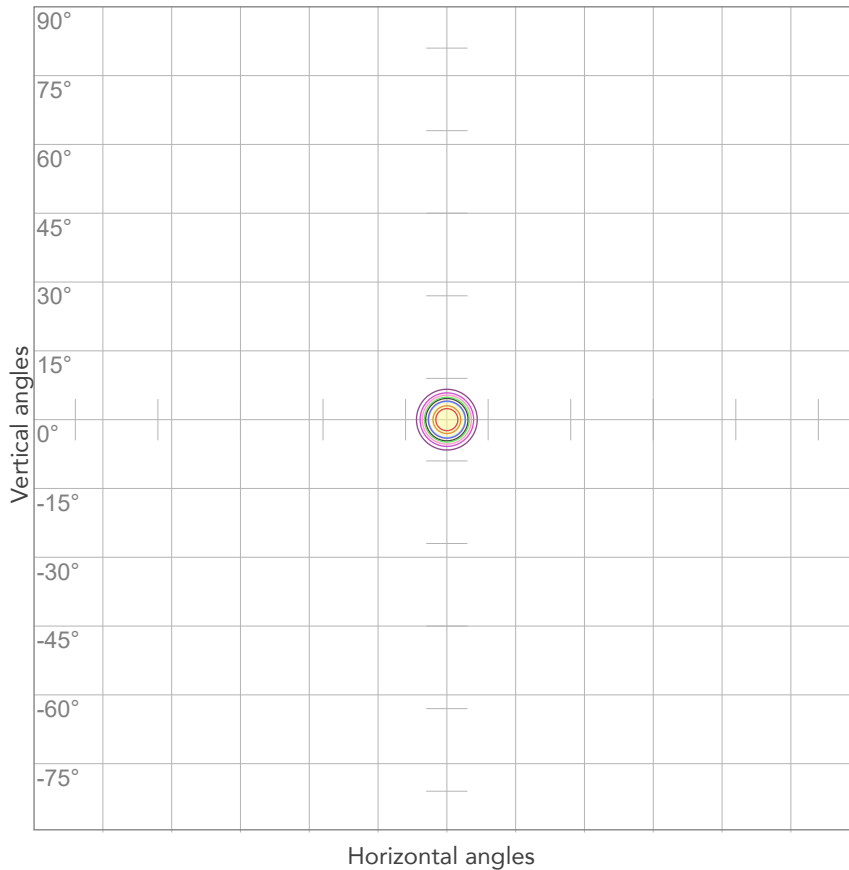


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,547A	122,6W	0,99	26lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



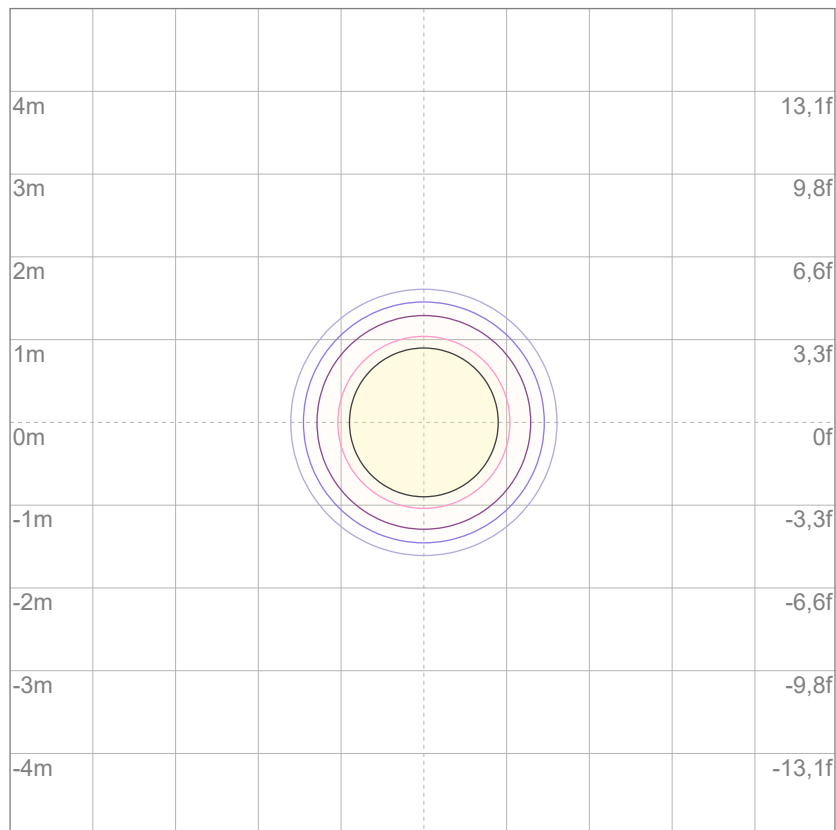
10%	10584 cd
20%	21167 cd
30%	31751 cd
40%	42335 cd
50%	52918 cd
60%	63502 cd
70%	74086 cd
80%	84669 cd

Conditions:

Number of c-planes: 2

Candela at center: 105837 cd

ISO LUX DIAGRAM



3%	31,8 lx
5%	52,9 lx
10%	106 lx
30%	318 lx
50%	529 lx

Conditions:

Number of c-planes: 2

Lux at center: 1058 lx

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



Total lumen output:

3374 lm

Peak candela output:

6350 cd

Light quality:

CRI: 95,2

Color temperature:

2461 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

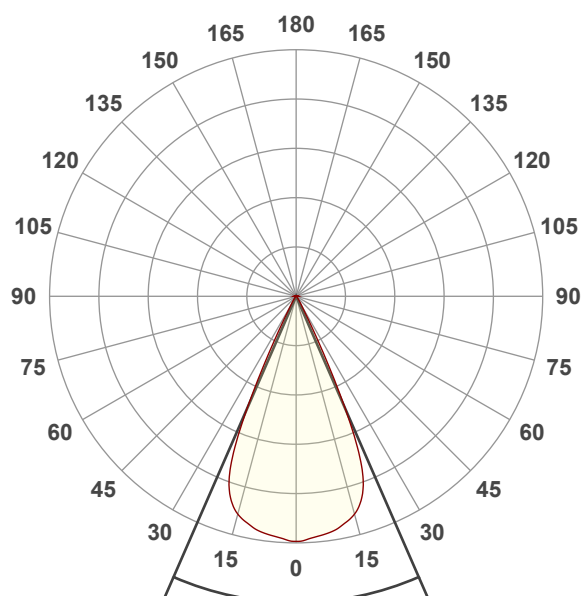
Warm White

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 16:52:15

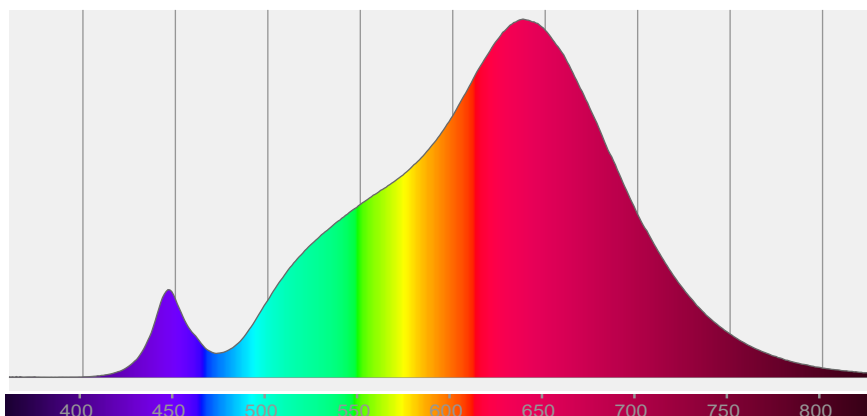


Beam angle 50%: 47,2°

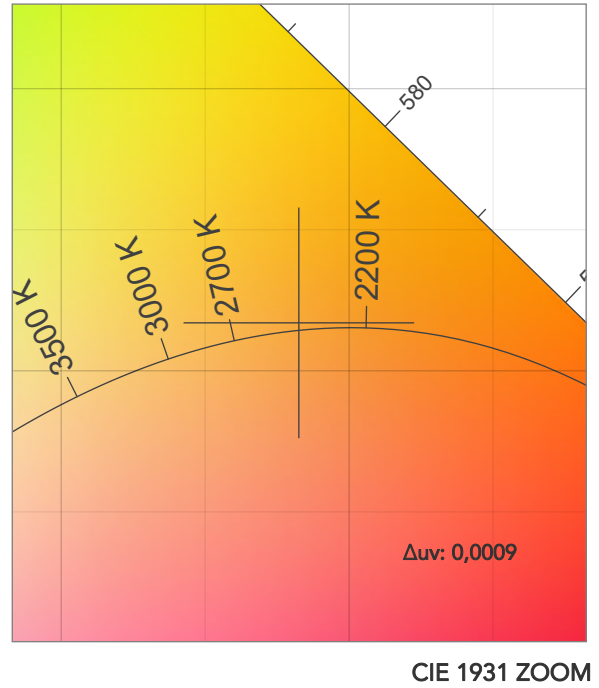
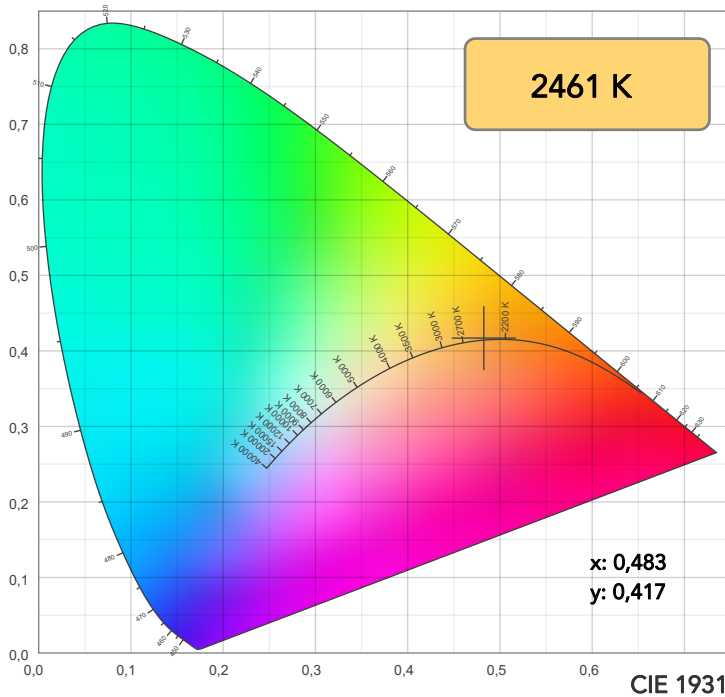
Field angle 10%: 55,8°

Cut off angle 2.5%: 67,1°

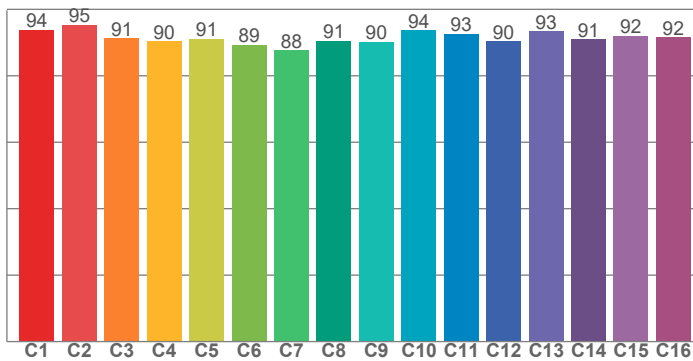
Spectra



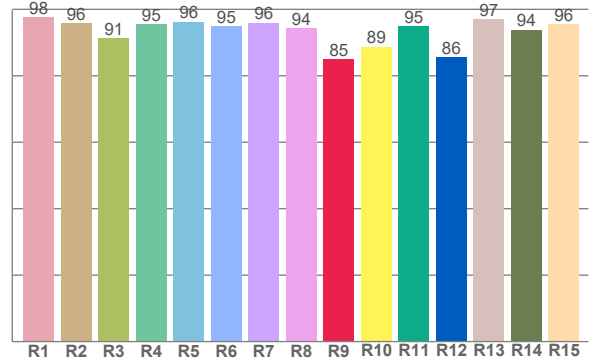
COLOR DETAILS



TM30: 91,8



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
97,8	95,9	91,4	95,5	96,3	94,9	96,0	94,3	85,0	88,8	95,0	85,6	97,1	93,9	95,5

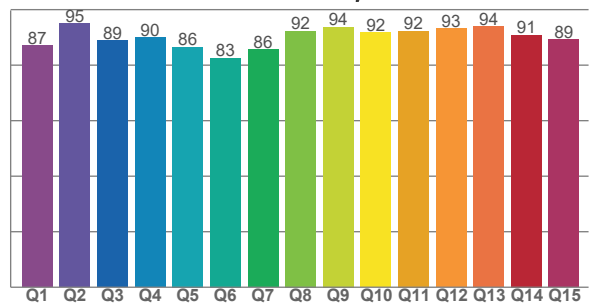
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93,8	95,3	91,3	90,3	91,2	89,3	87,6	90,6	90,2	93,7	92,7	90,3	93,3	90,9	92,0	91,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87,0	94,9	89,0	90,0	86,5	82,6	85,7	92,2	93,7	91,8	92,3	93,2	93,8	90,9	89,3

CQS: 89,3



COLOR PARAMETERS

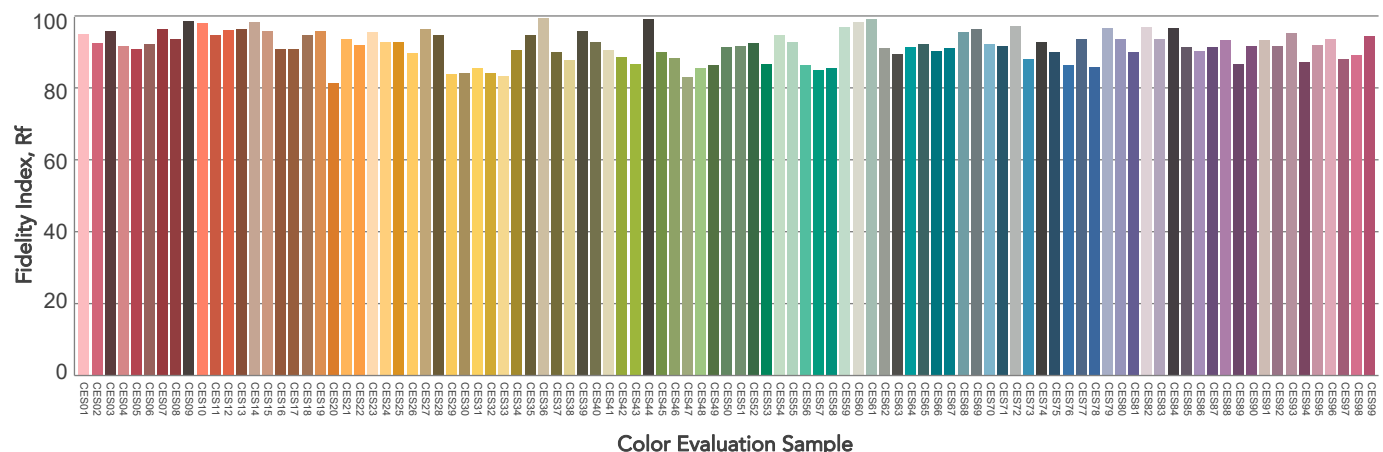
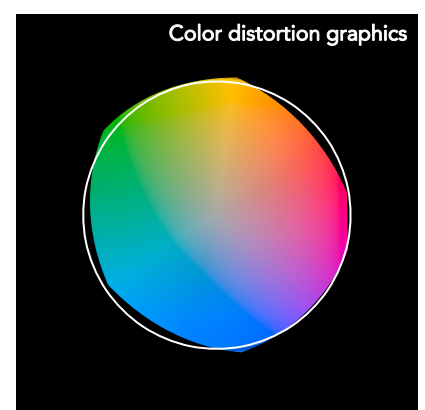
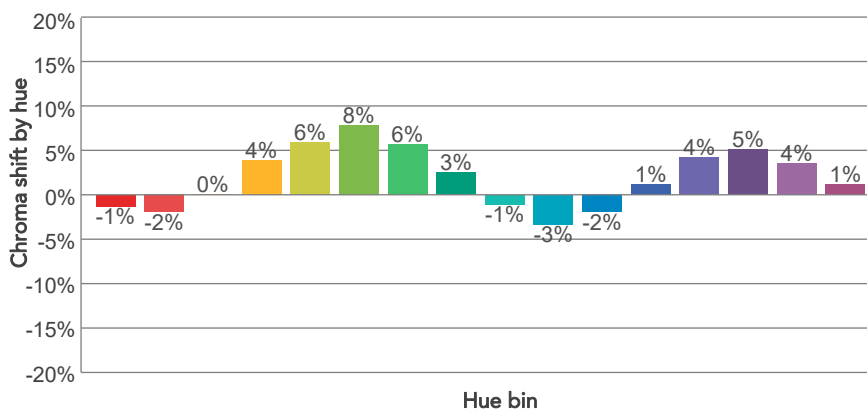
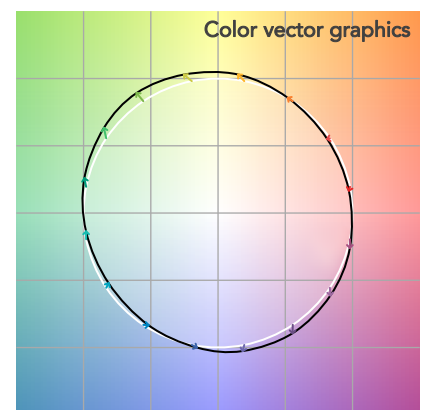
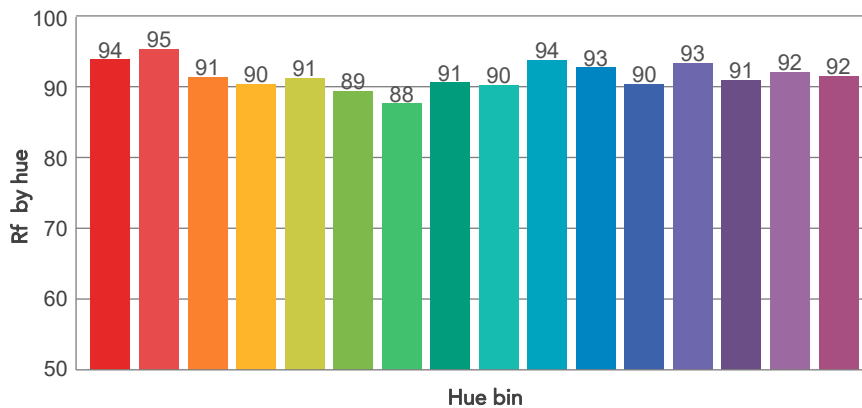
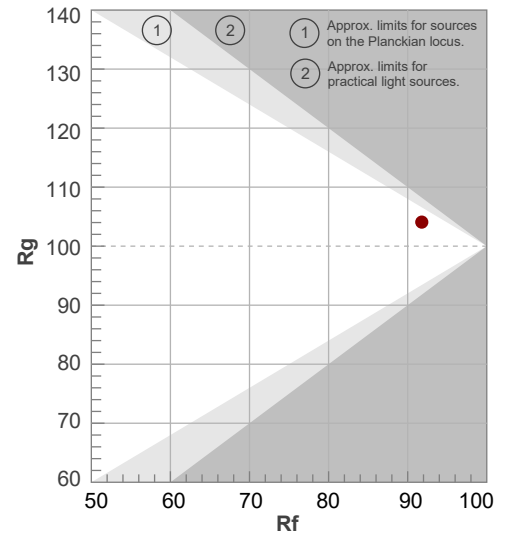
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2461 K	95,2	85,0	91,8	104,1	89,3	89	0,483	0,417	0,0009

TM30 DETAILS

Rf 91,8
Fidelity index Rf

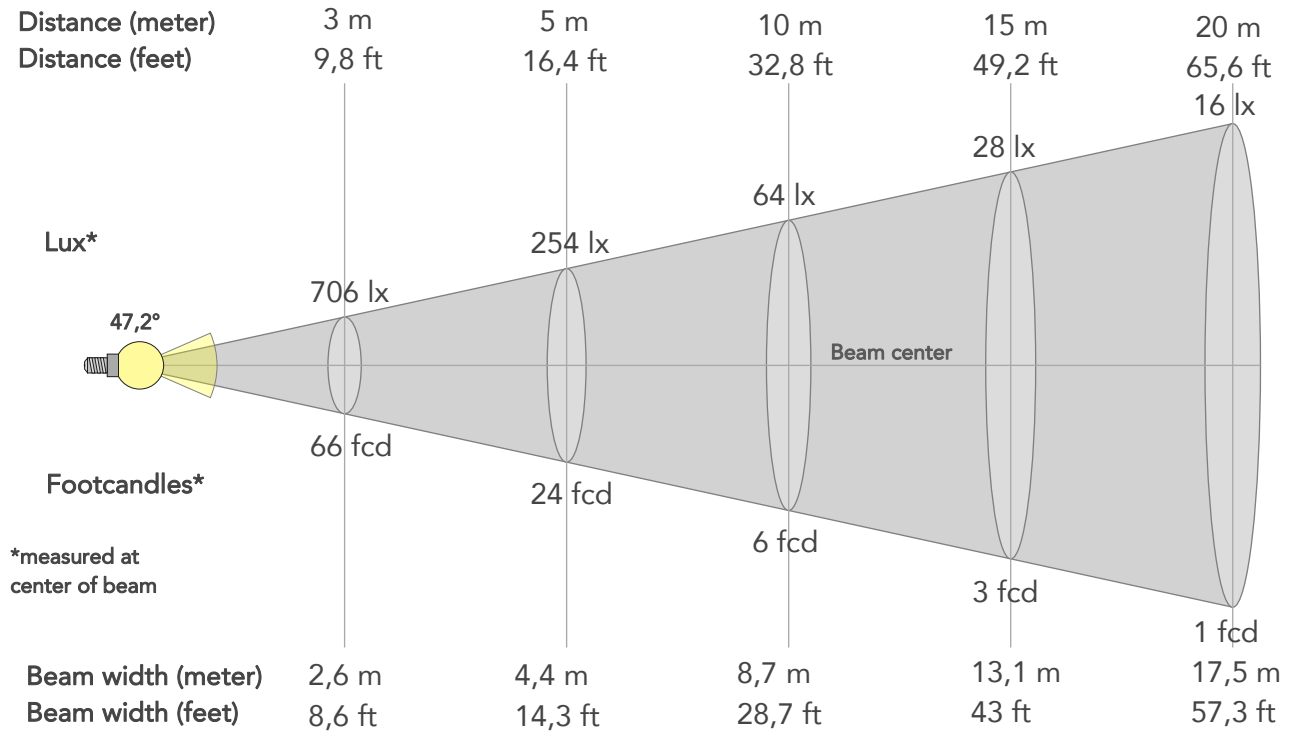
Rg 104,1
Gammut index

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



BEAM DETAILS

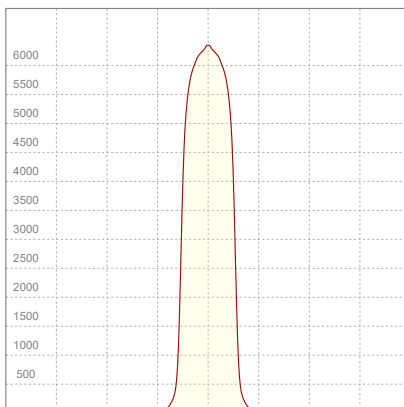
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,2°	55,8°	67,1°	99,5%	98,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	6350lx	1588lx	706lx	397lx	254lx	113lx	64lx	28lx	16lx	10lx	7lx	4lx	3lx
Footcand.	590fcd	147fcd	66fcd	37fcd	24fcd	10fcd	6fcd	3fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,5m	4,4m	6,6m	8,7m	13,1m	17,5m	21,8m	26,2m	34,9m	43,7m
Beam wid.	2,9ft	5,8ft	8,6ft	11,4ft	14,3ft	21,5ft	28,7ft	43ft	57,3ft	71,6ft	86ft	114,6ft	143,3ft

LINEAR DISTRIBUTION DIAGRAM

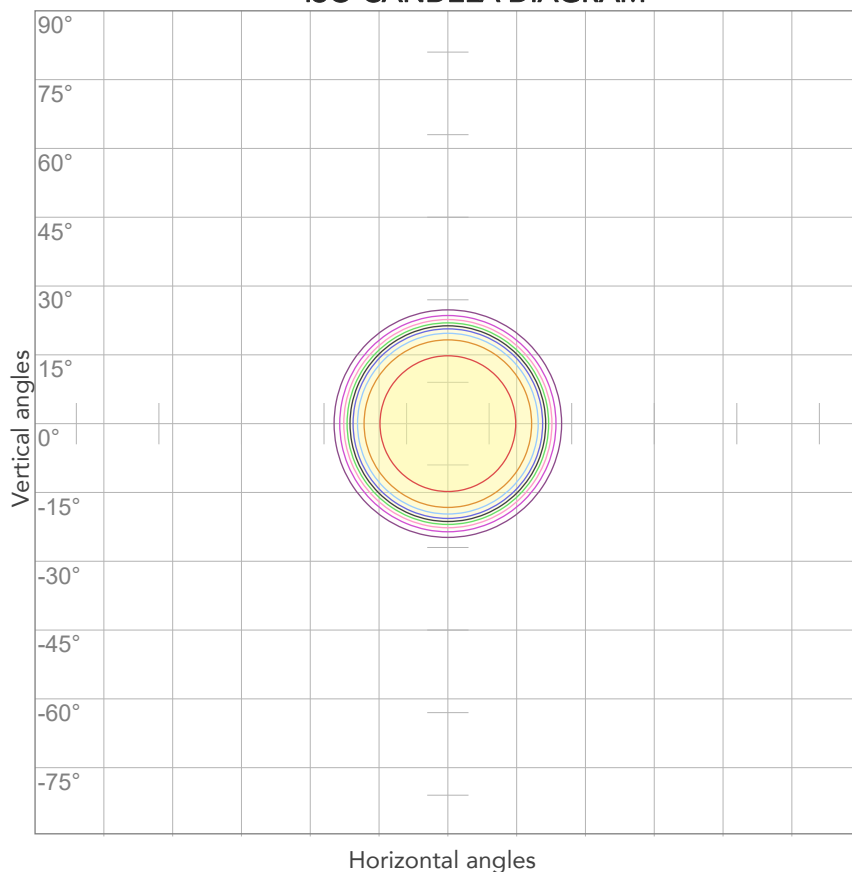


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,383A	84,1W	0,97	40lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



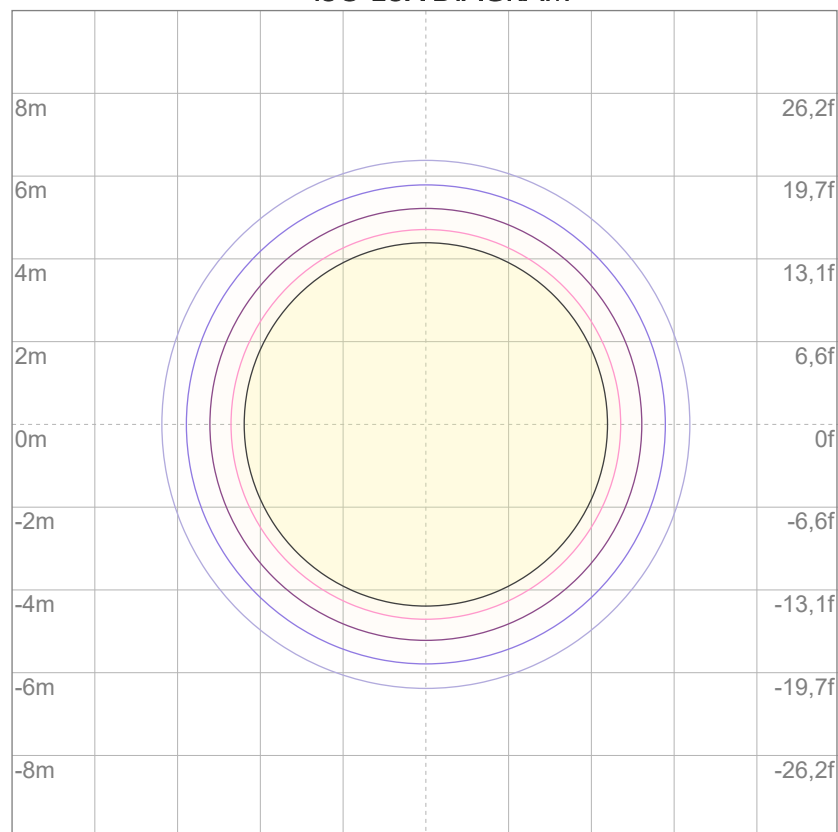
10%	635 cd
20%	1270 cd
30%	1905 cd
40%	2540 cd
50%	3175 cd
60%	3810 cd
70%	4445 cd
80%	5080 cd

Conditions:

Number of c-planes: 2

Candela at center: 6350 cd

ISO LUX DIAGRAM



3%	1,91 lx
5%	3,18 lx
10%	6,35 lx
30%	19,1 lx
50%	31,8 lx

Conditions:

Number of c-planes: 2

Lux at center: 63,5 lx

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



Total lumen output:

2832 lm

Peak candela output:

20294 cd

Light quality:

CRI: 95,3

Color temperature:

2461 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

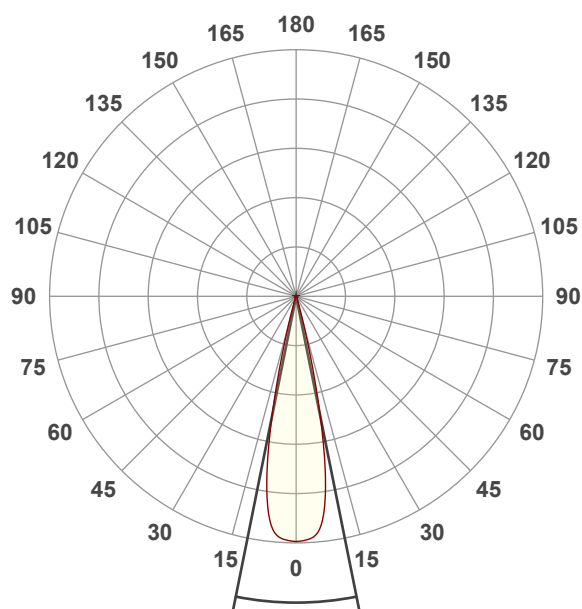
Warm White

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 15:39:43

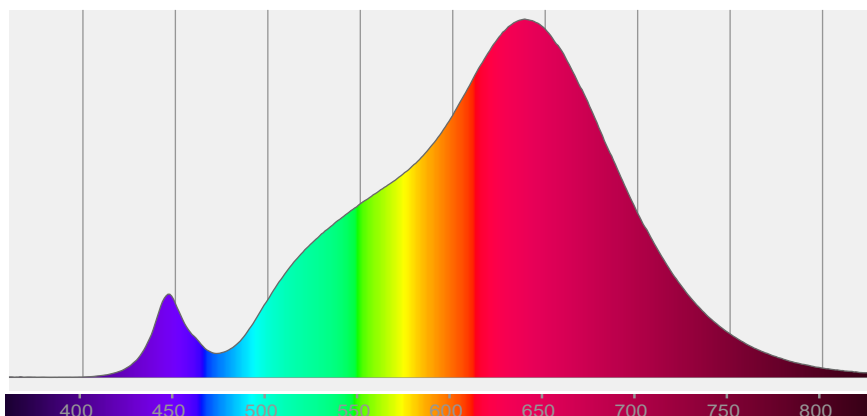


Beam angle 50%: 22,7°

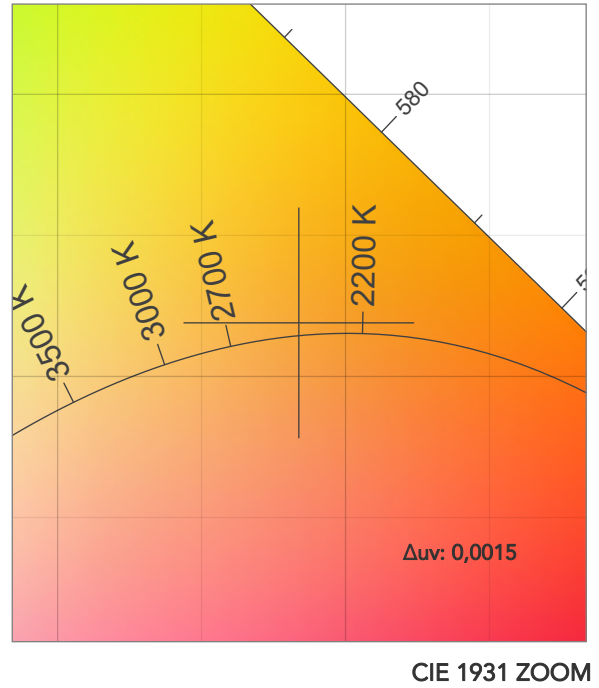
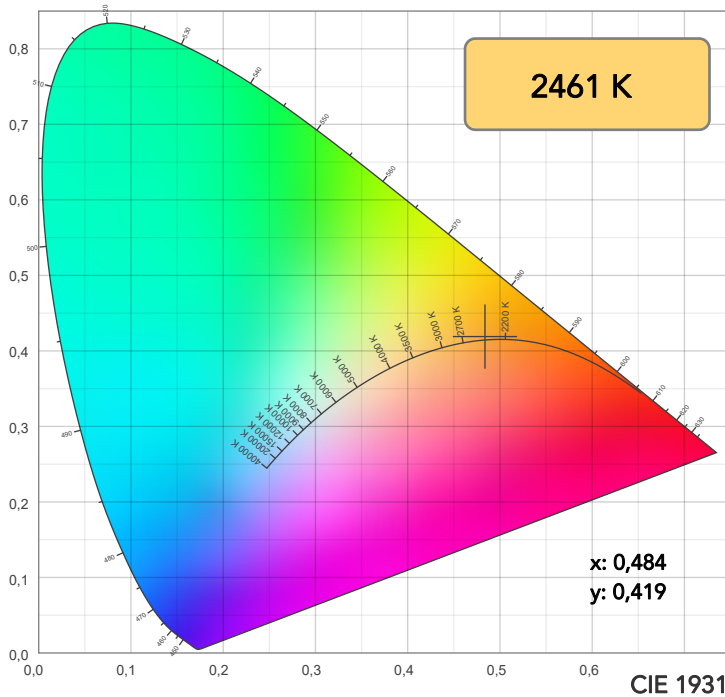
Field angle 10%: 30,7°

Cut off angle 2.5%: 36,7°

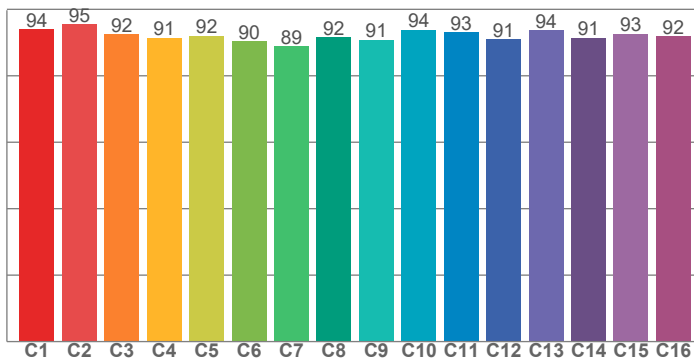
Spectra



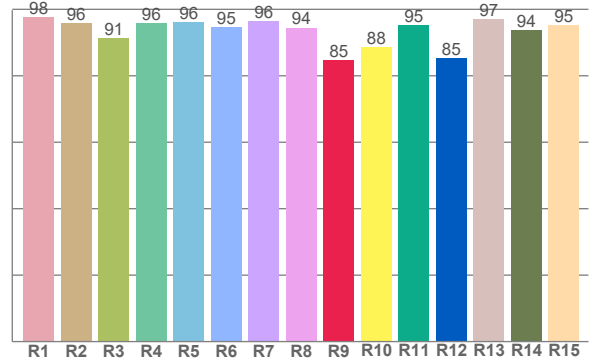
COLOR DETAILS



TM30: 92,4



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
97,7	95,7	91,3	95,8	96,2	94,7	96,3	94,5	84,8	88,5	95,3	85,2	97,0	93,8	95,3

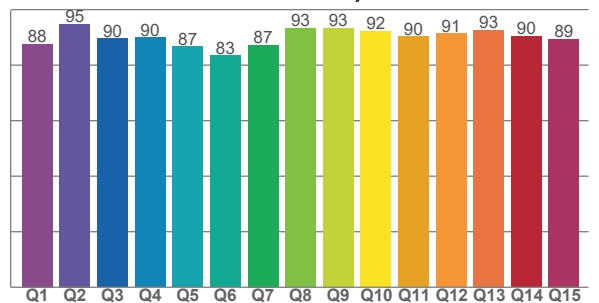
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87,7	94,9	89,6	90,0	86,7	83,4	87,2	93,4	93,4	92,3	90,3	91,5	92,7	90,4	89,4

CQS: 89,5



COLOR PARAMETERS

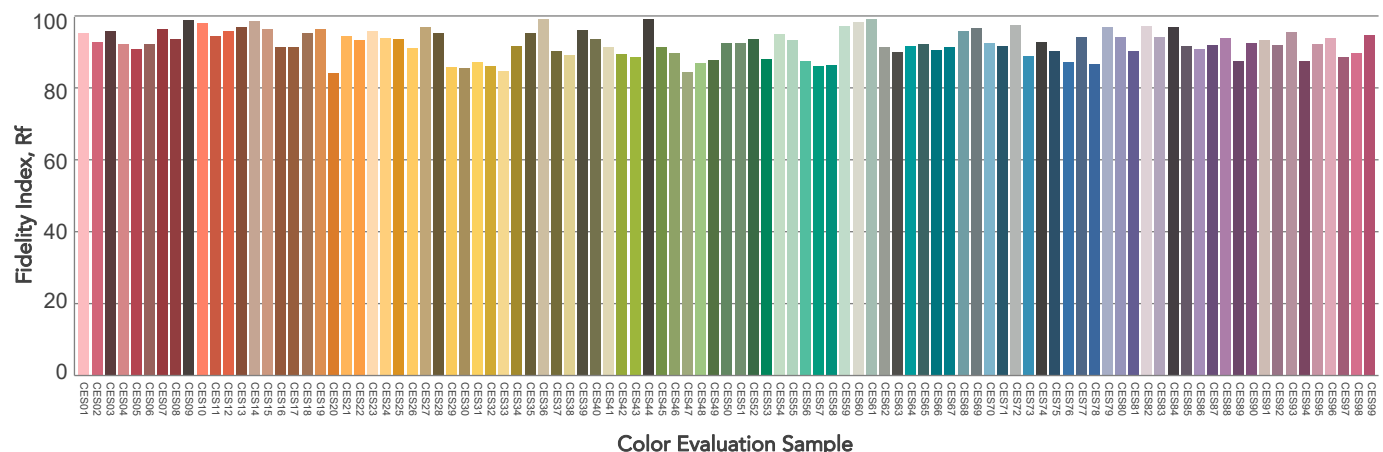
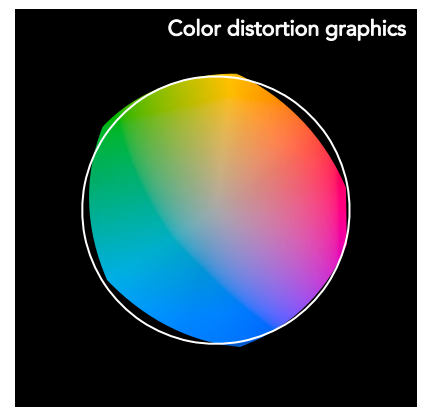
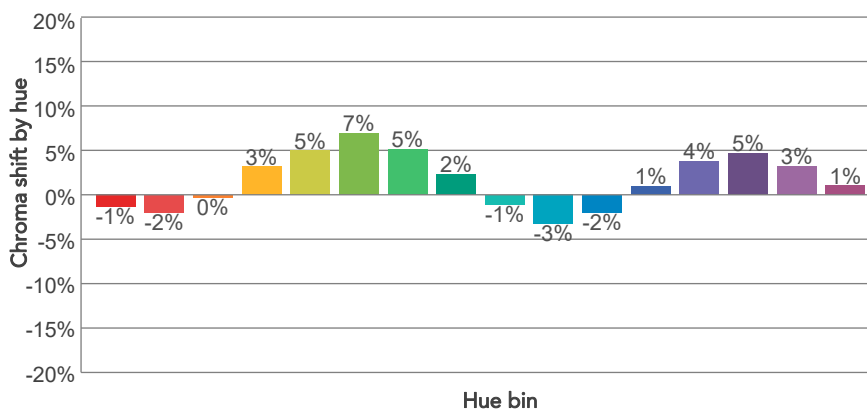
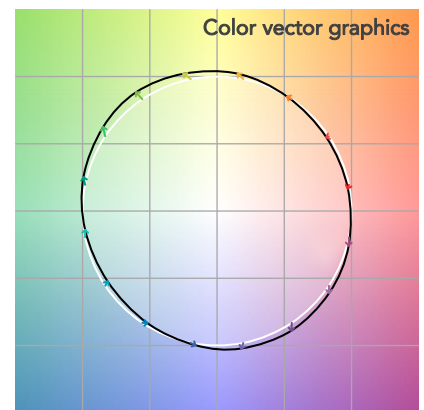
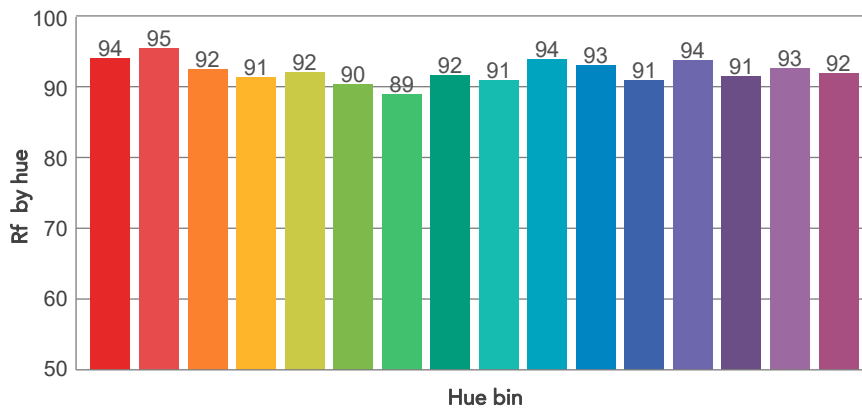
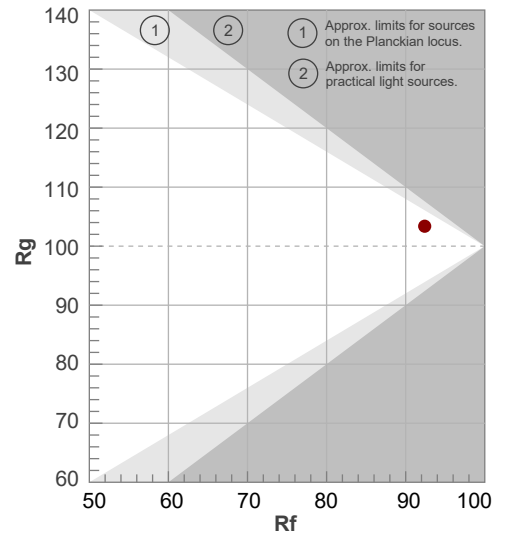
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2461 K	95,3	84,8	92,4	103,4	89,5	91	0,484	0,419	0,0015

TM30 DETAILS

Rf 92,4
Fidelity index Rf

Rg 103,4
Gammut index

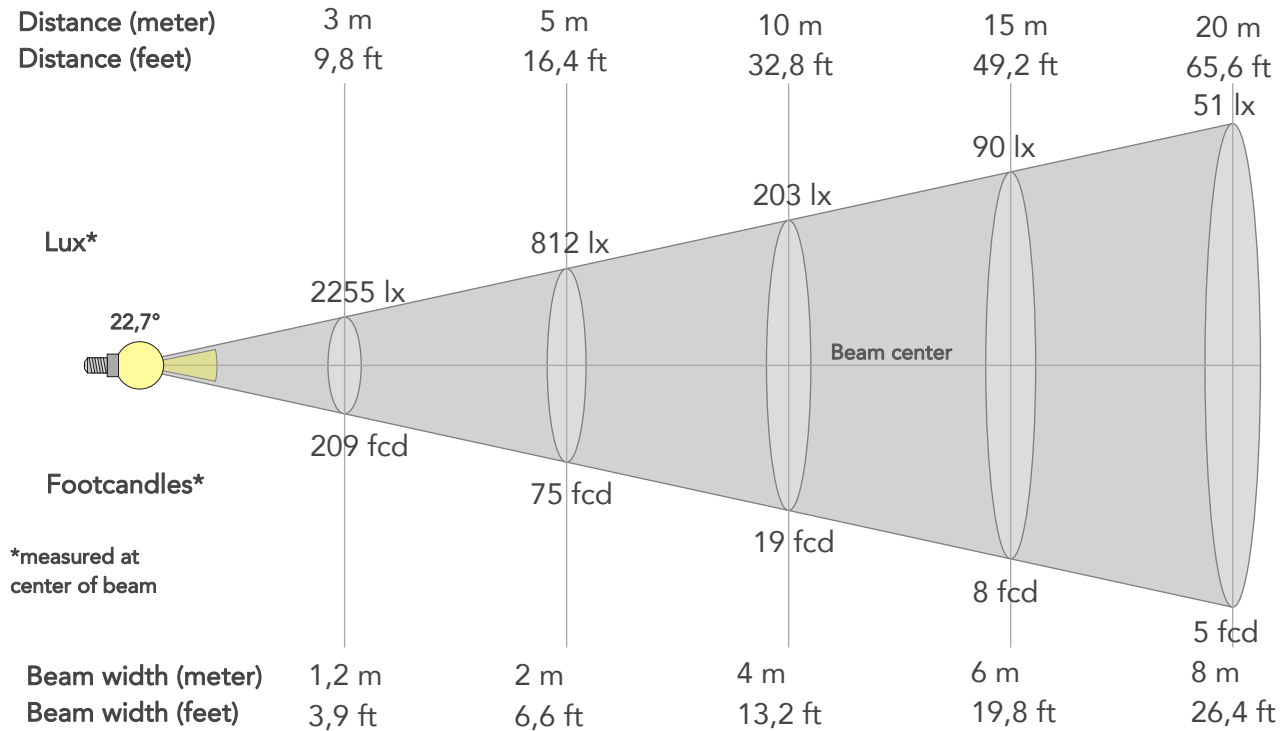
		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	94	-1%	-3%
2	95	-2%	0%
3	92	0%	4%
4	91	3%	5%
5	92	5%	5%
6	90	7%	1%
7	89	5%	-5%
8	92	2%	-5%
9	91	-1%	-5%
10	94	-3%	-2%
11	93	-2%	3%
12	91	1%	4%
13	94	4%	-2%
14	91	5%	-3%
15	93	3%	-4%
16	92	1%	-6%



BEAM DETAILS



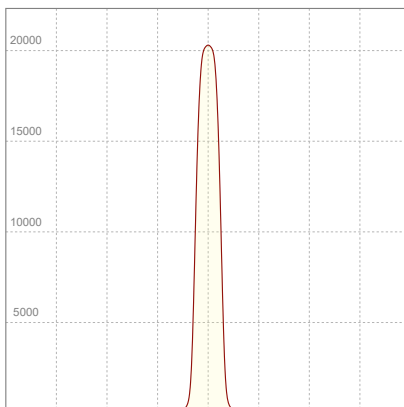
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,7°	30,7°	36,7°	99,4%	98,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	20294lx	5074lx	2255lx	1268lx	812lx	361lx	203lx	90lx	51lx	32lx	23lx	13lx	8lx
Footcand.	1885fcd	471fcd	209fcd	118fcd	75fcd	34fcd	19fcd	8fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3m	4m	6m	8m	10,1m	12,1m	16,1m	20,1m
Beam wid.	1,3ft	2,7ft	3,9ft	5,3ft	6,6ft	9,9ft	13,2ft	19,8ft	26,4ft	33ft	39,6ft	52,8ft	65,9ft

LINEAR DISTRIBUTION DIAGRAM

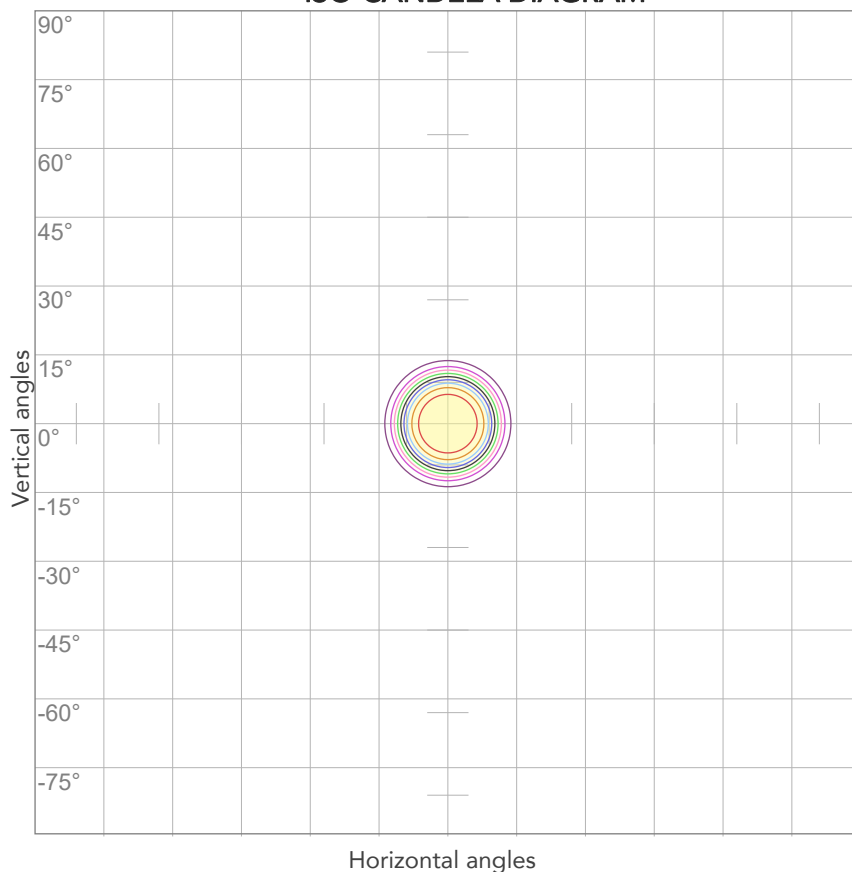


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,382A	84,0W	0,98	34lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



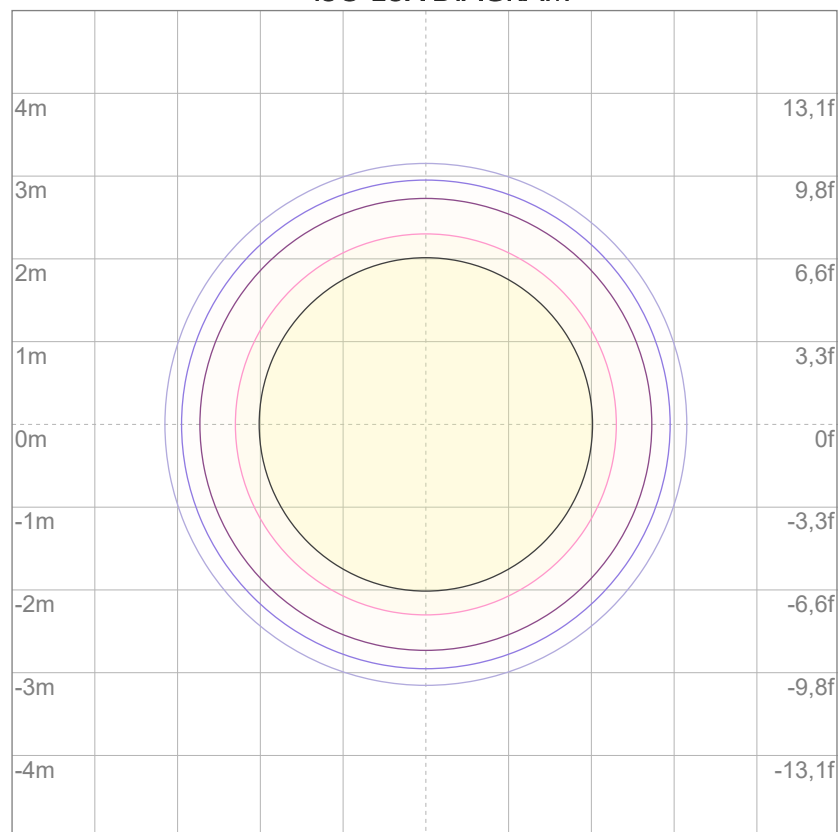
10%	2029 cd
20%	4059 cd
30%	6088 cd
40%	8118 cd
50%	10147 cd
60%	12176 cd
70%	14206 cd
80%	16235 cd

Conditions:

Number of c-planes: 2

Candela at center: 20294 cd

ISO LUX DIAGRAM



3%	6,09 lx
5%	10,1 lx
10%	20,3 lx
30%	60,9 lx
50%	101 lx

Conditions:

Number of c-planes: 2

Lux at center: 203 lx

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



Total lumen output:

1727 lm

Peak candela output:

61798 cd

Light quality:

CRI: 95,6

Color temperature:

2457 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

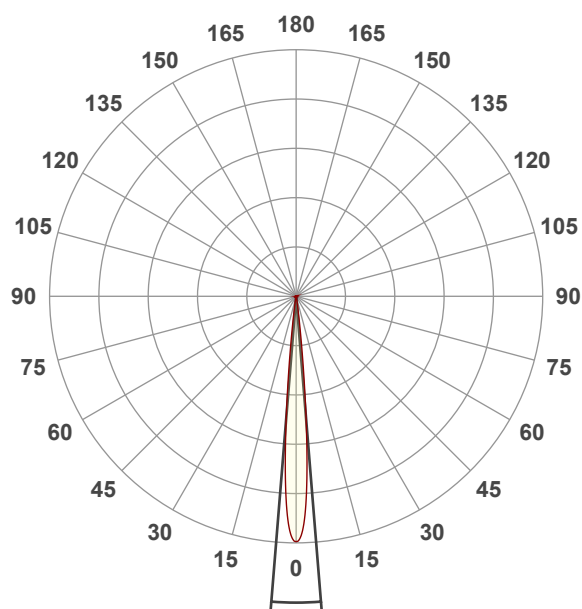
Warm White

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 14:31:20

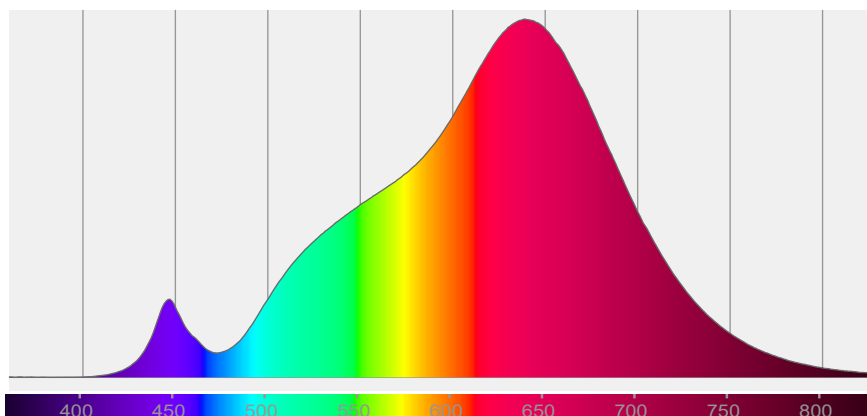


Beam angle 50%: 9,3°

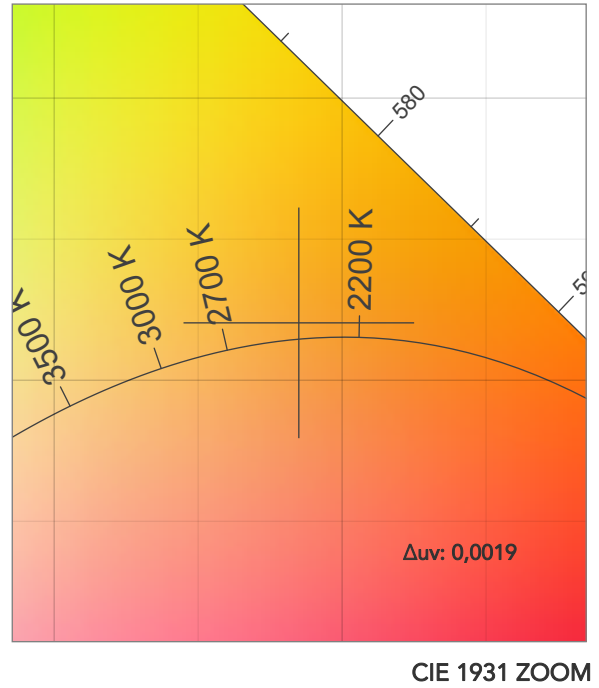
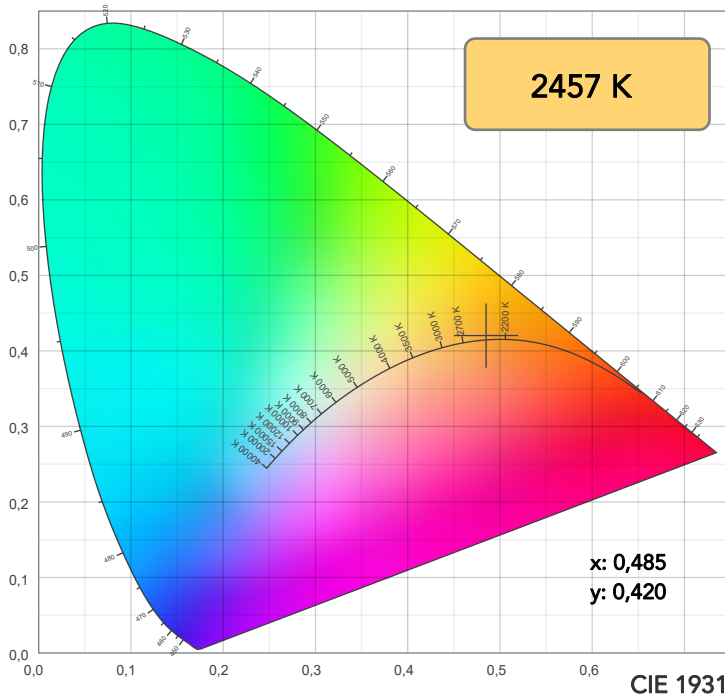
Field angle 10%: 14,7°

Cut off angle 2.5%: 18,6°

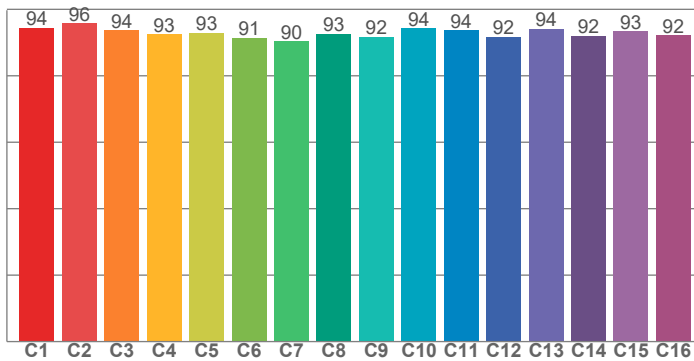
Spectra



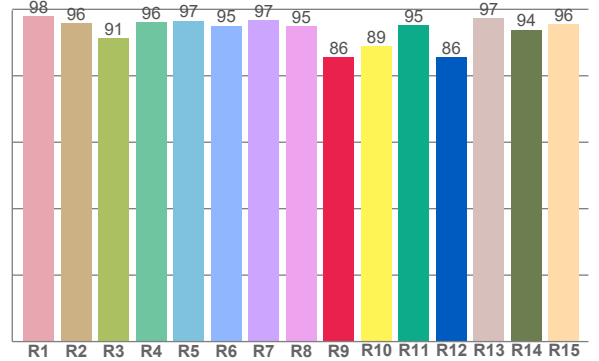
COLOR DETAILS



TM30: 93,2



CRI: 95,6 (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
98,0	95,9	91,3	96,1	96,6	95,1	96,7	95,0	85,7	88,9	95,3	85,6	97,3	93,9	95,6

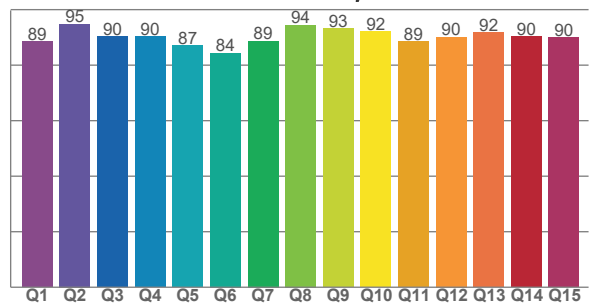
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88,6	94,8	90,3	90,3	87,2	84,4	88,7	94,4	93,1	92,1	88,6	90,1	91,8	90,3	89,9

CQS: 89,7



COLOR PARAMETERS

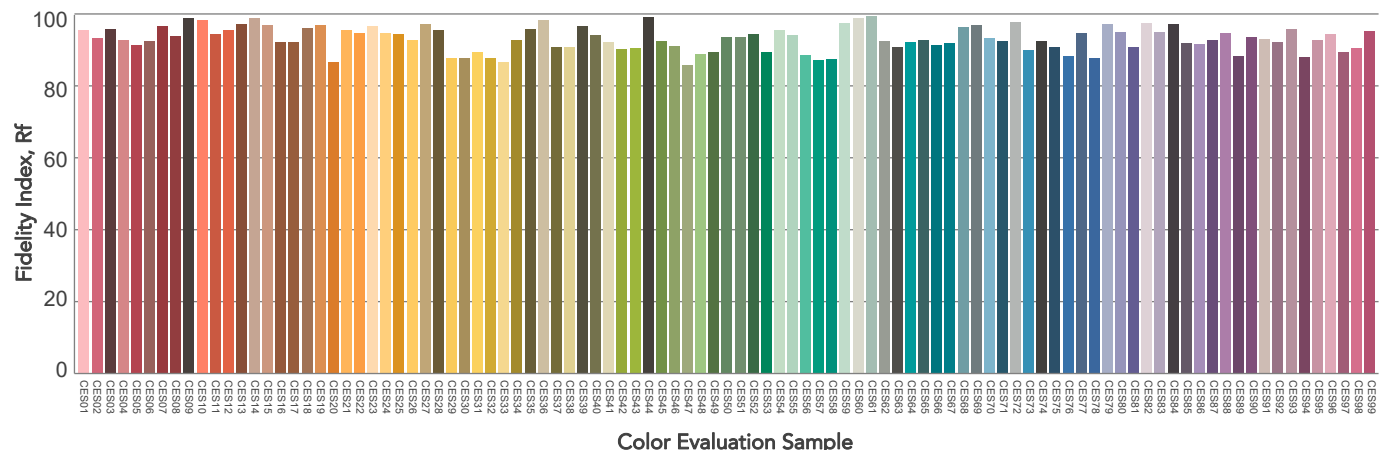
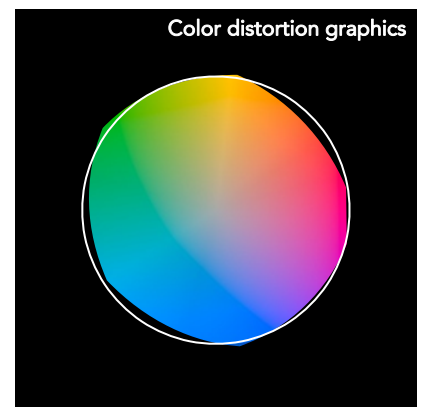
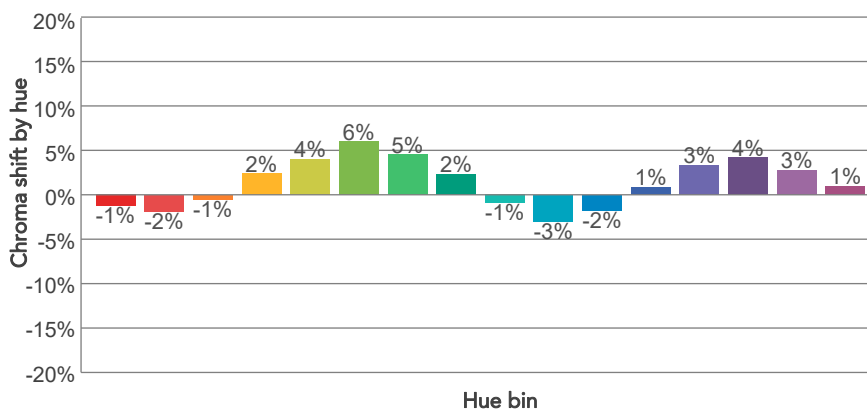
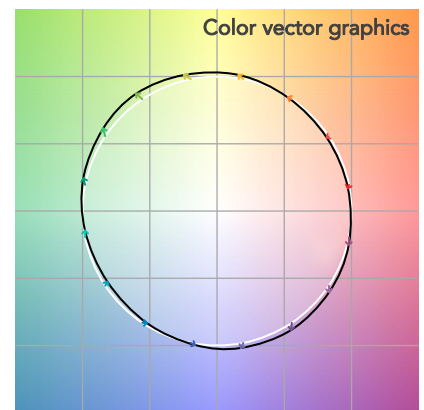
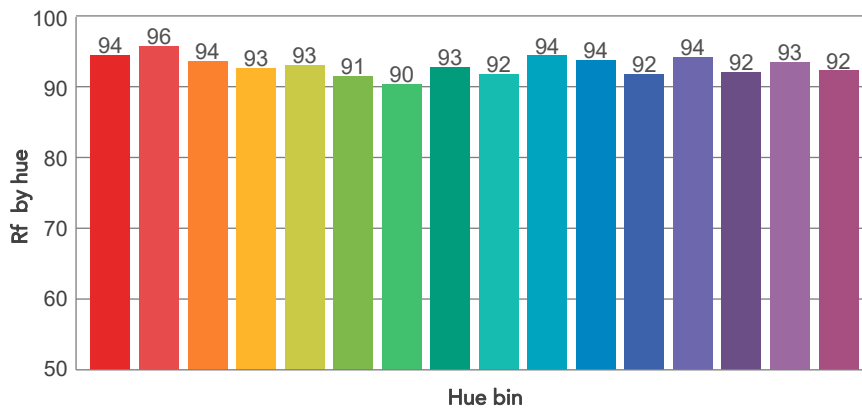
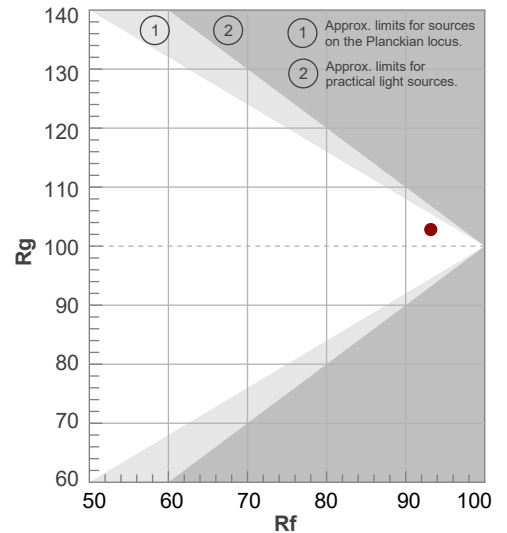
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2457 K	95,6	85,7	93,2	102,8	89,7	92	0,485	0,420	0,0019

TM30 DETAILS

Rf 93,2
Fidelity index Rf

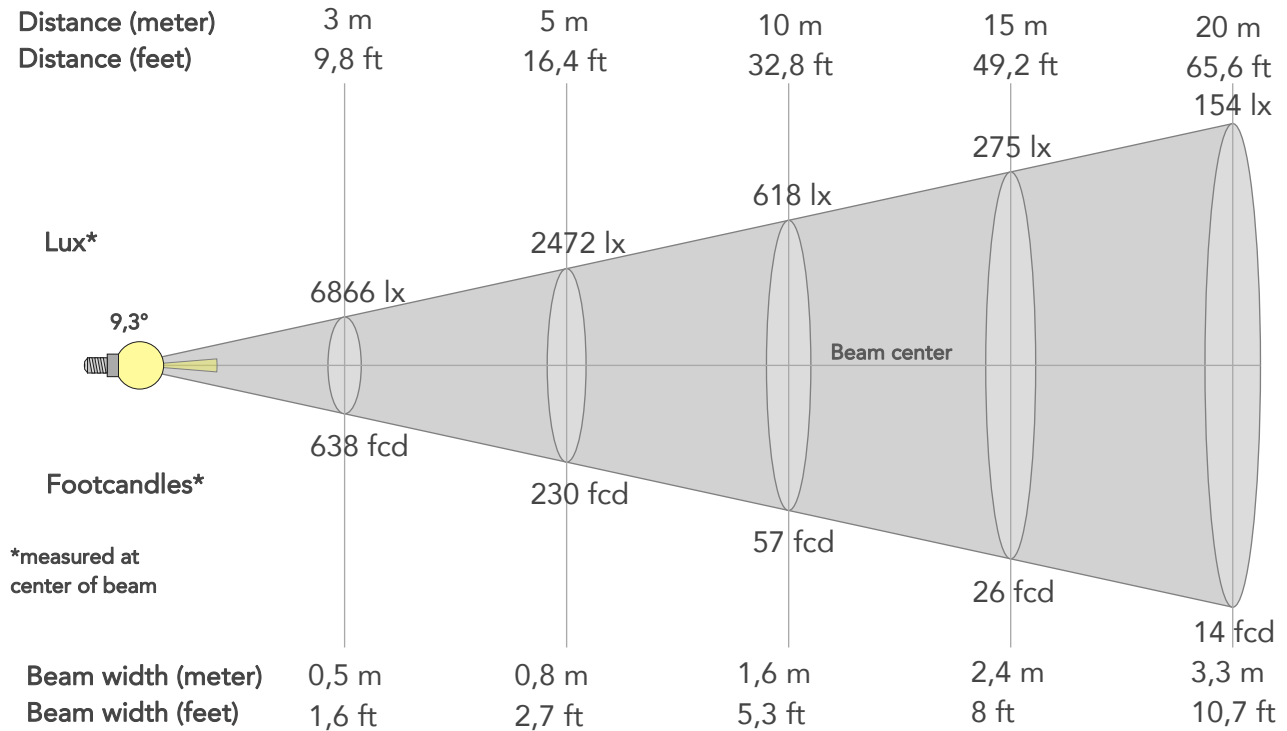
Rg 102,8
Gammut index

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



BEAM DETAILS

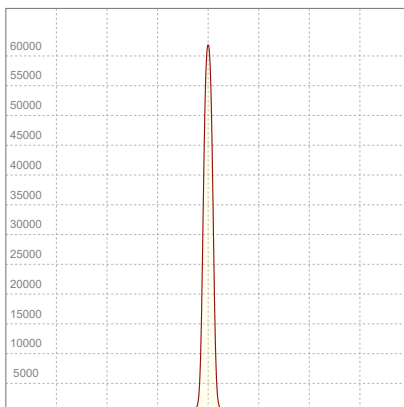
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,3°	14,7°	18,6°	99,5%	98,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	61798lx	15449lx	6866lx	3862lx	2472lx	1099lx	618lx	275lx	154lx	99lx	69lx	39lx	25lx
Footcand.	5741fcd	1435fcd	638fcd	359fcd	230fcd	102fcd	57fcd	26fcd	14fcd	9fcd	6fcd	4fcd	2fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,8m	1,2m	1,6m	2,4m	3,3m	4,1m	4,9m	6,5m	8,1m
Beam wid.	0,5ft	1,1ft	1,6ft	2,1ft	2,7ft	4ft	5,3ft	8ft	10,7ft	13,3ft	16ft	21,3ft	26,7ft

LINEAR DISTRIBUTION DIAGRAM

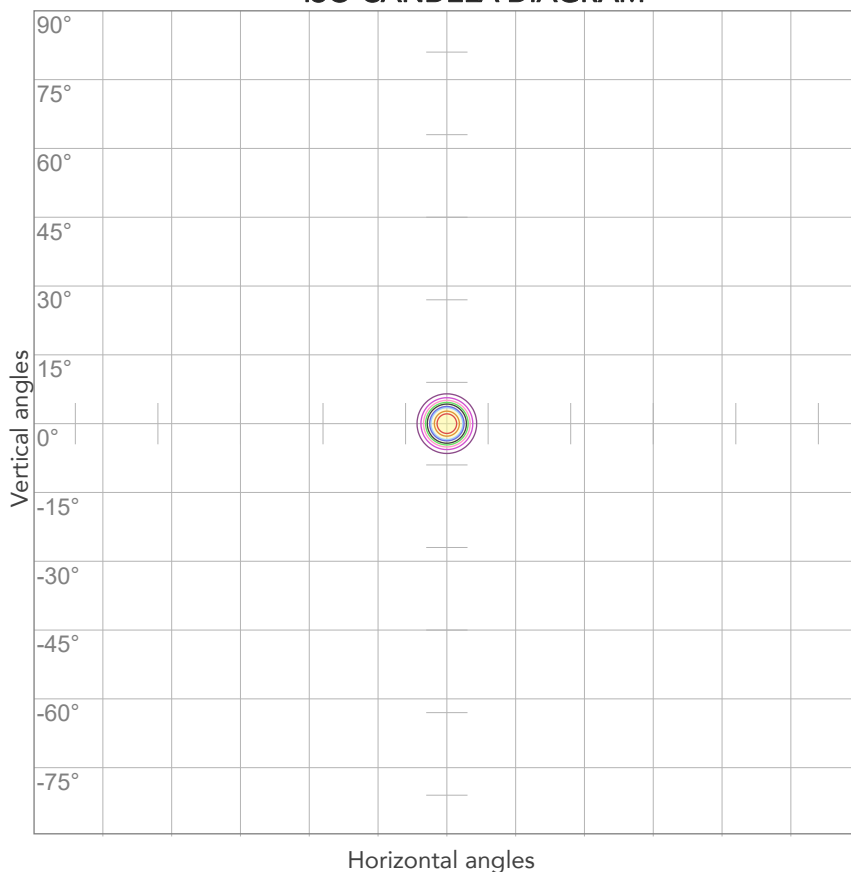


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,387A	83,1W	0,95	21lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



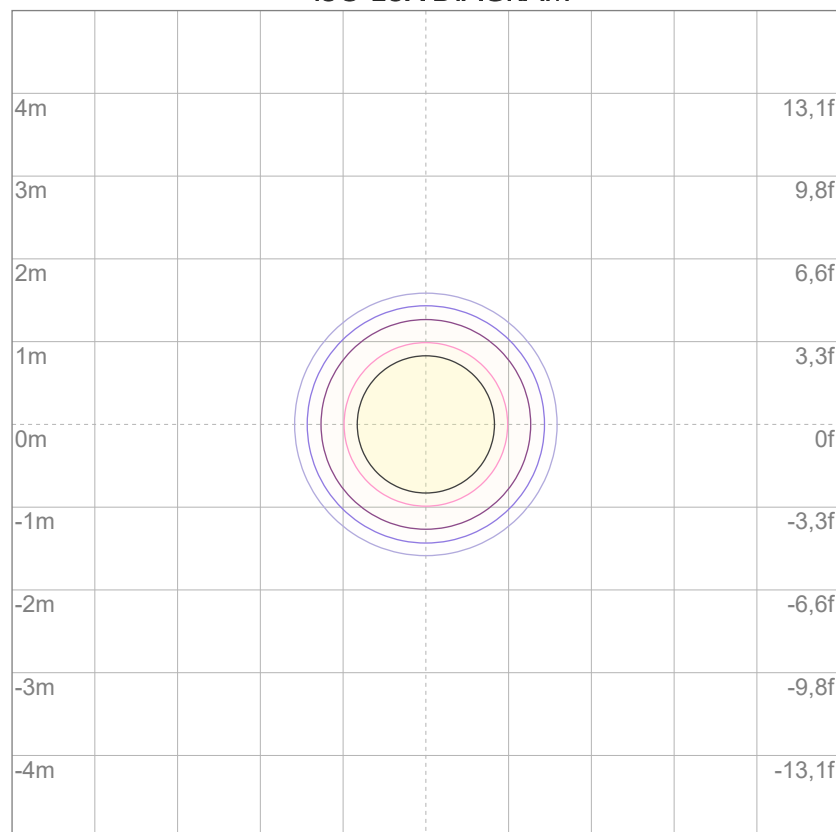
10%	6180 cd
20%	12360 cd
30%	18539 cd
40%	24719 cd
50%	30899 cd
60%	37079 cd
70%	43258 cd
80%	49438 cd

Conditions:

Number of c-planes: 2

Candela at center: 61798 cd

ISO LUX DIAGRAM



3%	18,5 lx
5%	30,9 lx
10%	61,8 lx
30%	185 lx
50%	309 lx

Conditions:

Number of c-planes: 2

Lux at center: 618 lx

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



Total lumen output:

4592 lm

Peak candela output:

8578 cd

Light quality:

CRI: 93,0

Color temperature:

5938 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

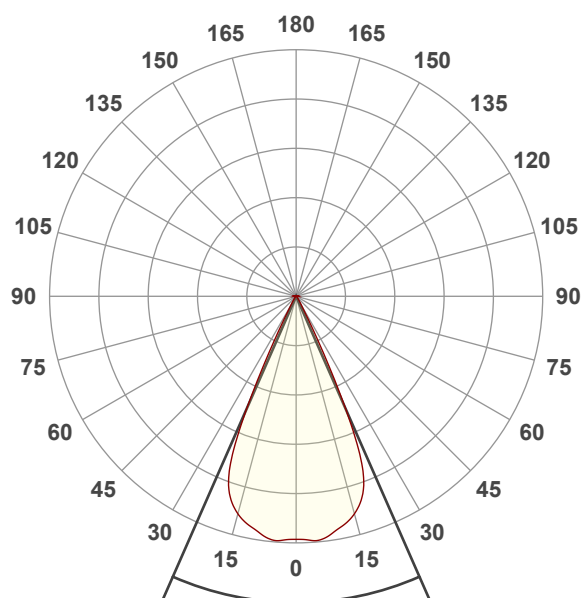
Cold White

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 16:49:15

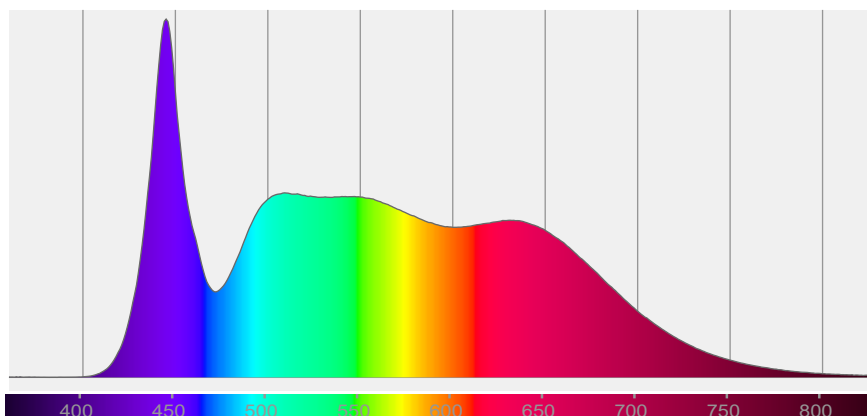


Beam angle 50%: 47,5°

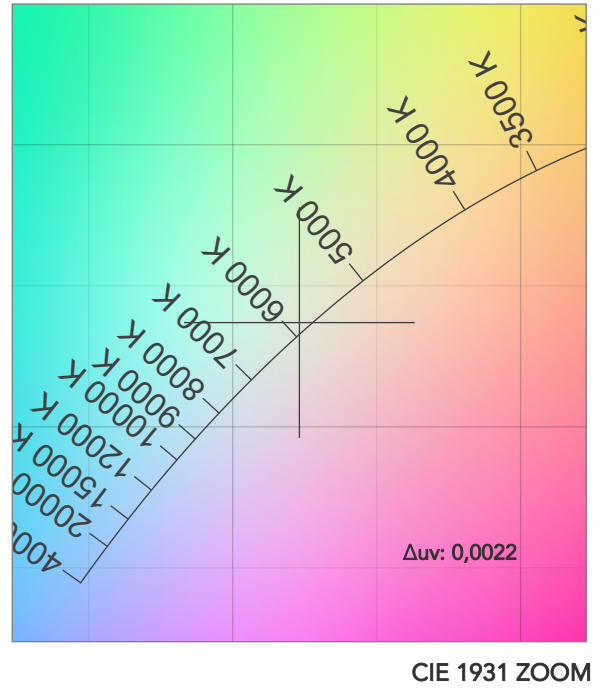
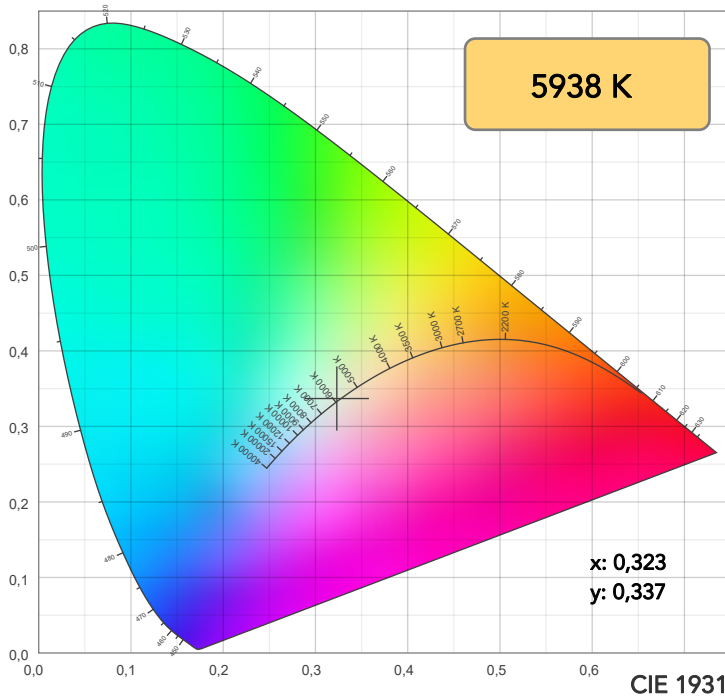
Field angle 10%: 55,8°

Cut off angle 2.5%: 66,5°

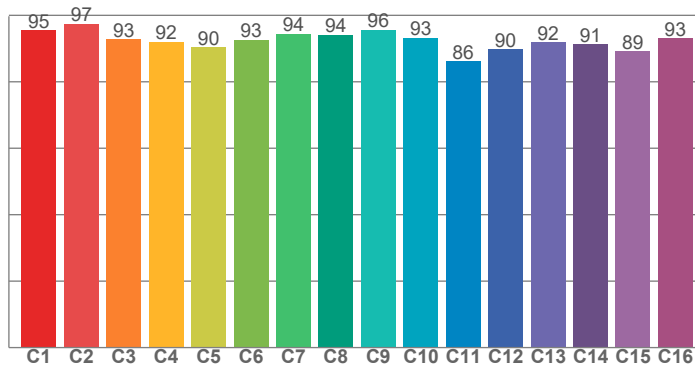
Spectra



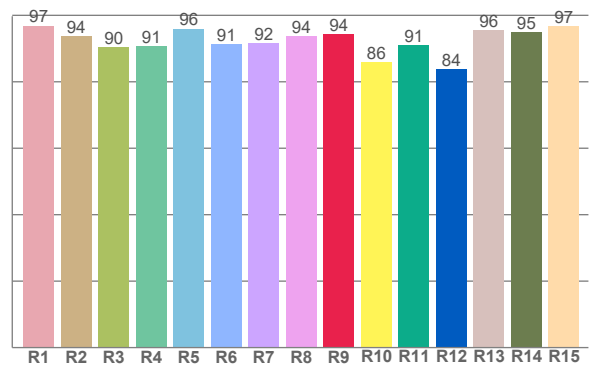
COLOR DETAILS



TM30: 92,4



CRI: 93,0 (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
96,9	93,7	90,3	90,8	96,0	91,3	91,6	93,8	94,3	85,9	90,9	83,8	95,5	94,8	96,8

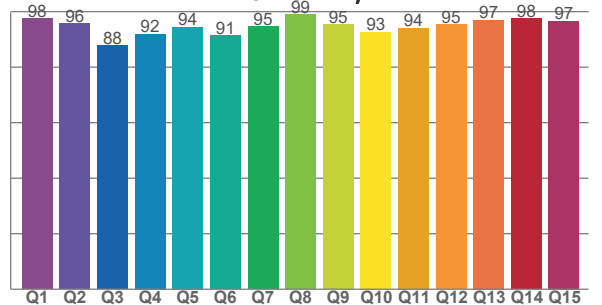
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,4	97,4	92,8	92,0	90,4	92,7	94,4	94,2	95,7	93,3	86,2	89,7	91,9	91,2	89,2	93,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,6	95,8	87,7	92,0	94,5	91,5	94,7	99,0	95,4	92,6	94,1	95,4	97,0	97,5	96,7

CQS: 94,1



COLOR PARAMETERS

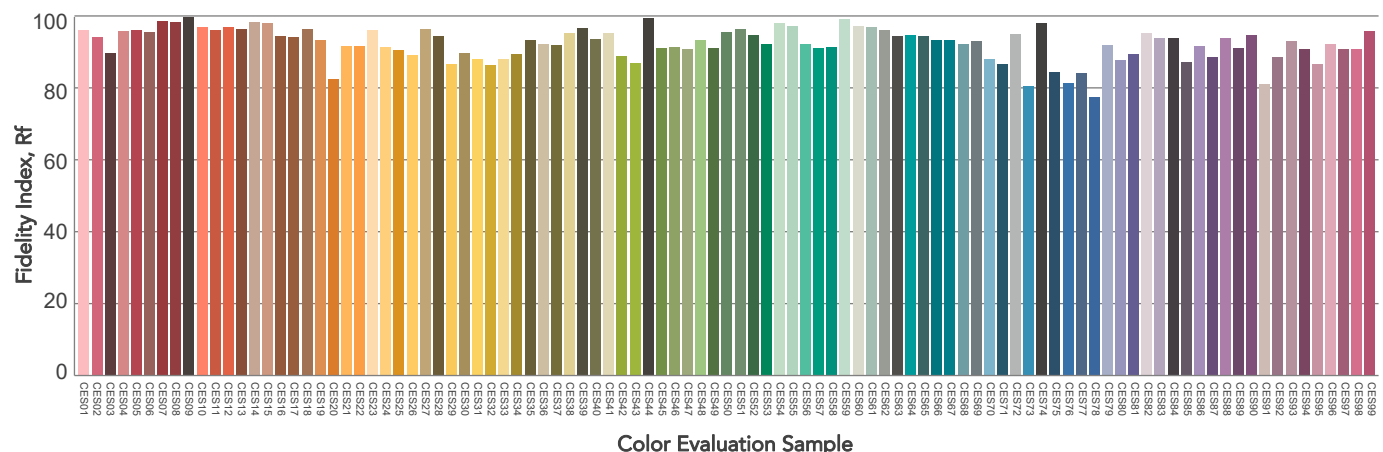
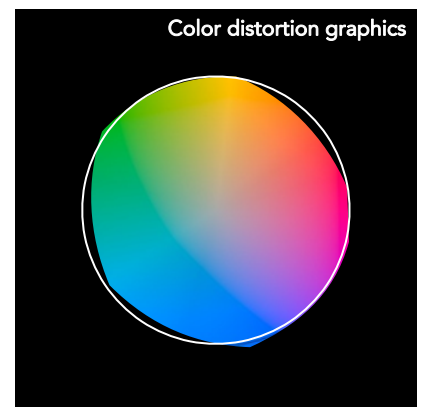
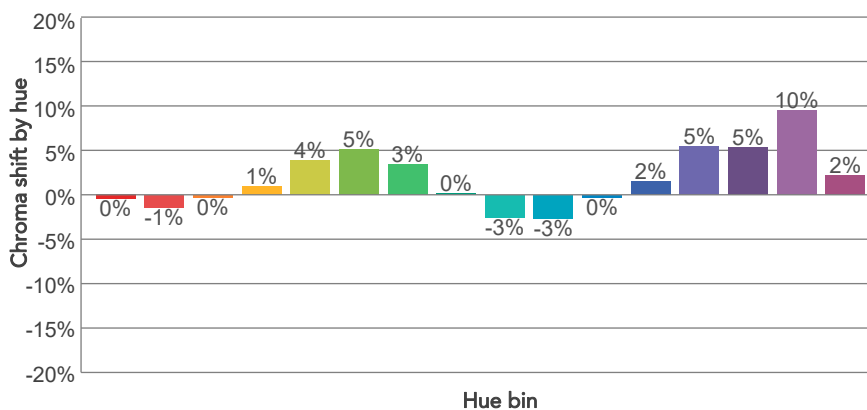
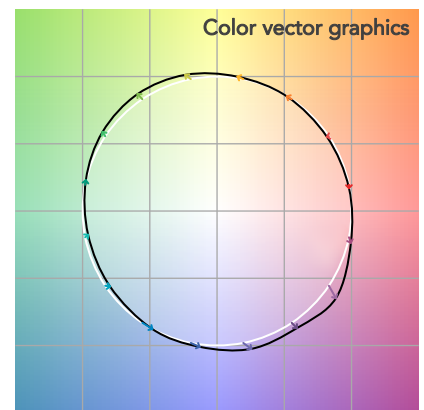
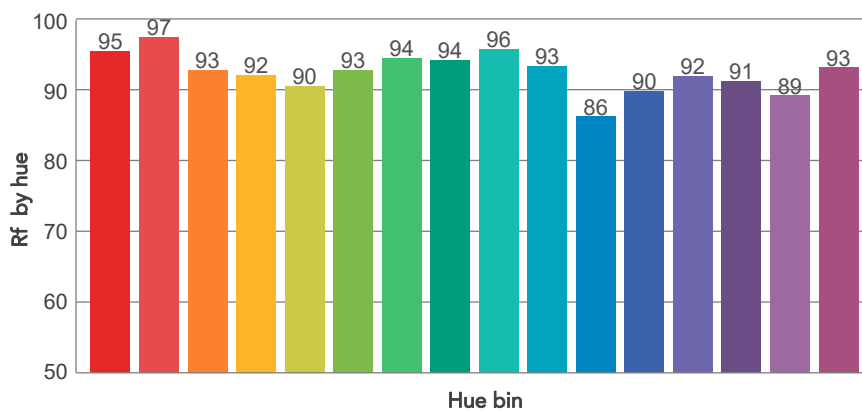
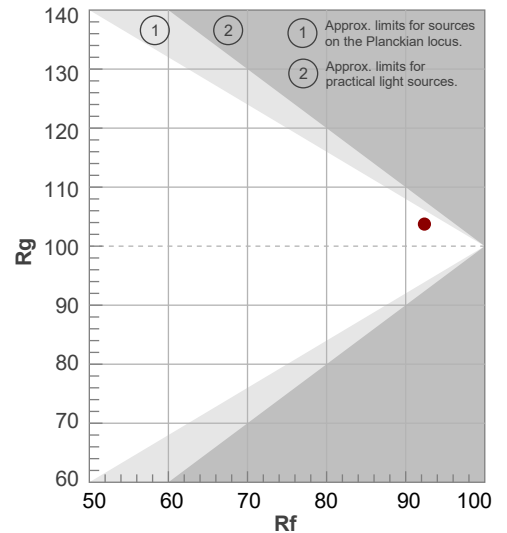
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5938 K	93,0	94,3	92,4	103,7	94,1	98	0,323	0,337	0,0022

TM30 DETAILS

Rf 92,4
Fidelity index Rf

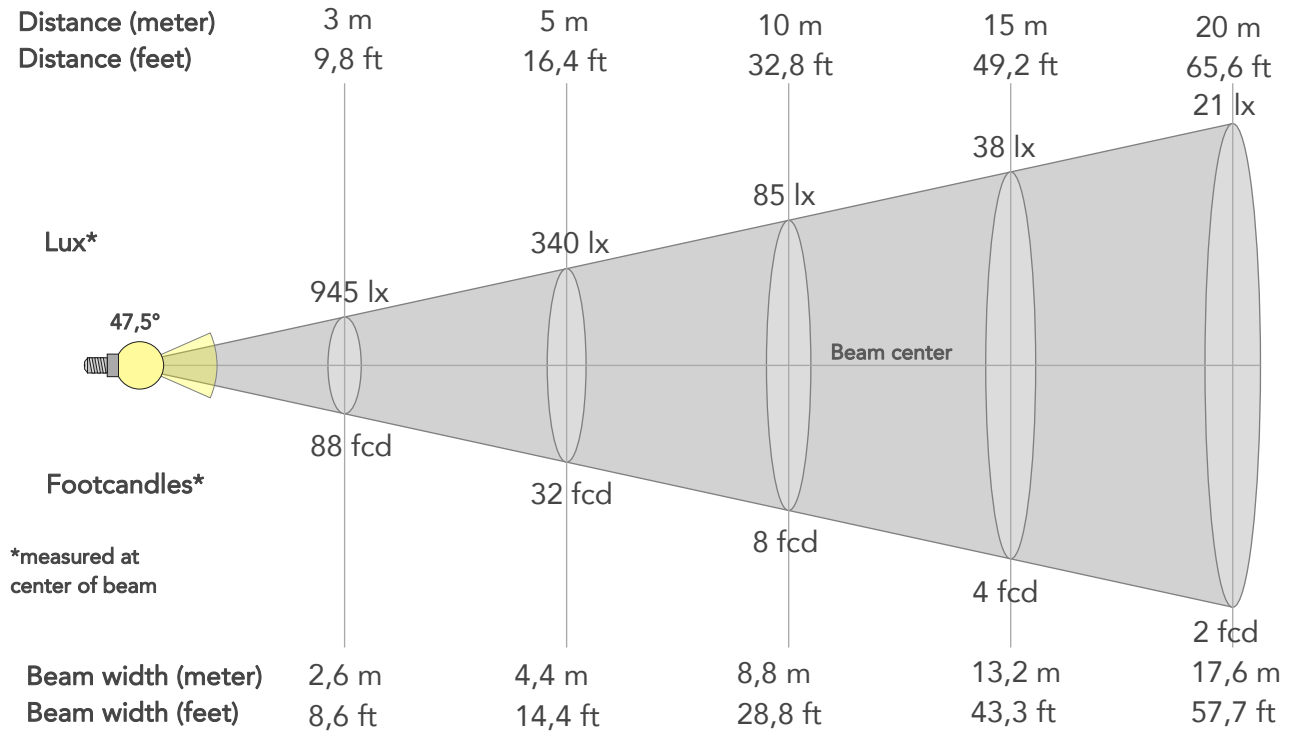
Rg 103,7
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-2%
2	97	-1%	0%
3	93	0%	4%
4	92	1%	5%
5	90	4%	3%
6	93	5%	1%
7	94	3%	-2%
8	94	0%	-3%
9	96	-3%	-1%
10	93	-3%	2%
11	86	0%	9%
12	90	2%	7%
13	92	5%	5%
14	91	5%	1%
15	89	10%	-5%
16	93	2%	-4%



BEAM DETAILS

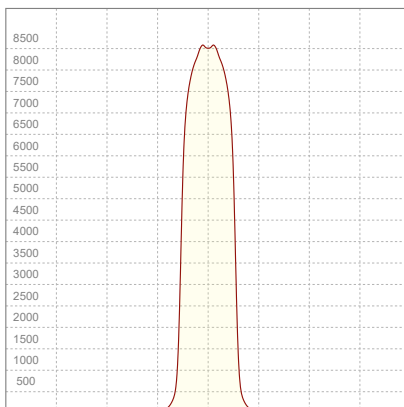
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,5°	55,8°	66,5°	99,6%	98,7%



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	8508lx	2127lx	945lx	532lx	340lx	151lx	85lx	38lx	21lx	14lx	9lx	5lx	3lx
Footcand.	790fcd	198fcd	88fcd	49fcd	32fcd	14fcd	8fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,2m	17,6m	22m	26,4m	35,2m	44m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,4ft	21,6ft	28,8ft	43,3ft	57,7ft	72,1ft	86,5ft	115,4ft	144,2ft

LINEAR DISTRIBUTION DIAGRAM

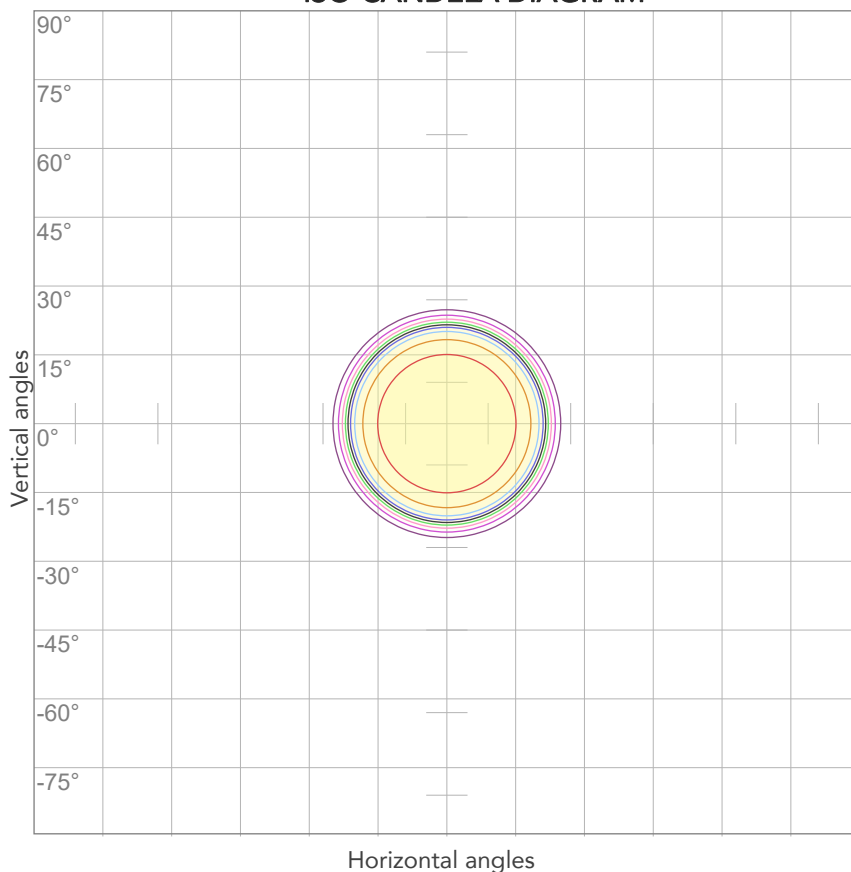


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,379A	83,3W	0,97	55lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



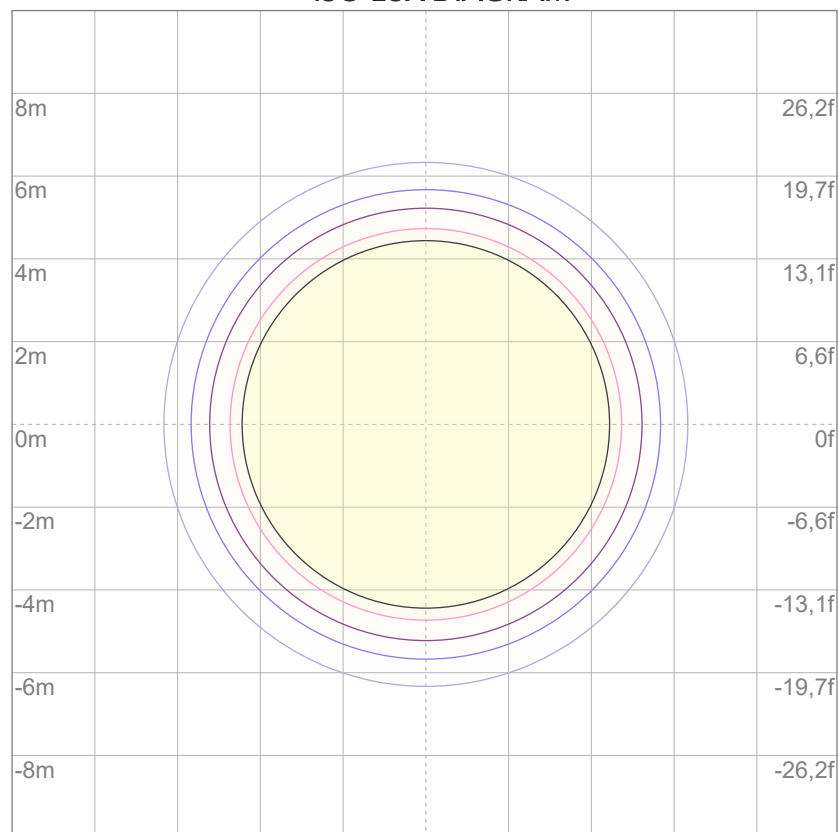
10%	851 cd
20%	1702 cd
30%	2552 cd
40%	3403 cd
50%	4254 cd
60%	5105 cd
70%	5956 cd
80%	6806 cd

Conditions:

Number of c-planes: 2

Candela at center: 8508 cd

ISO LUX DIAGRAM



3%	2,55 lx
5%	4,25 lx
10%	8,51 lx
30%	25,5 lx
50%	42,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 85,1 lx

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



Total lumen output:

4042 lm

Peak candela output:

27537 cd

Light quality:

CRI: 92,9

Color temperature:

6051 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

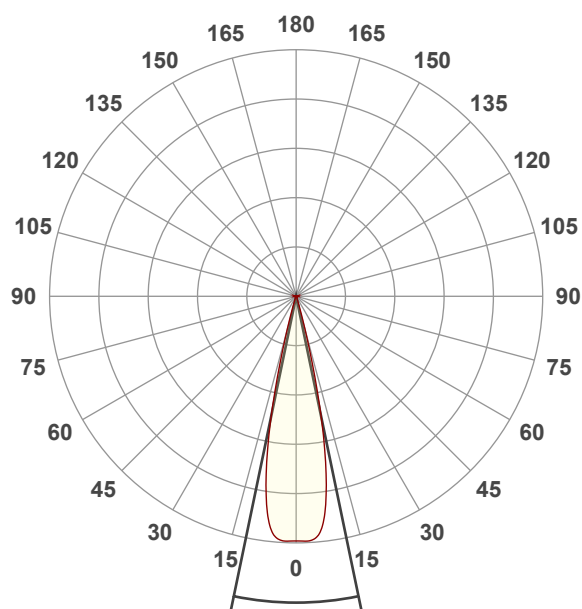
Cold White

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 15:44:45

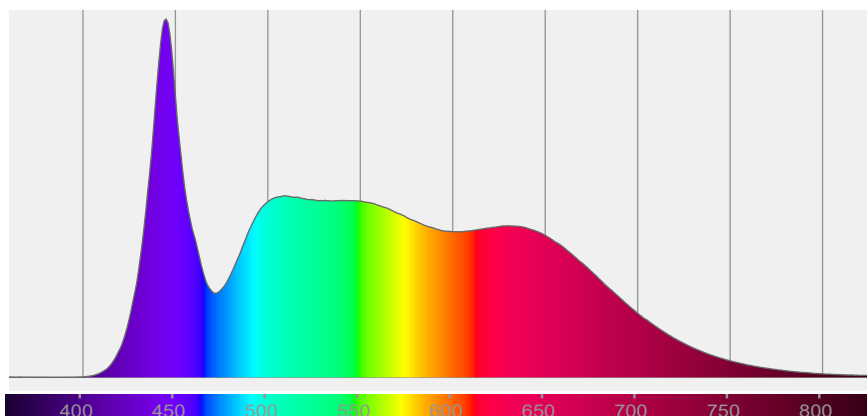


Beam angle 50%: 23,5°

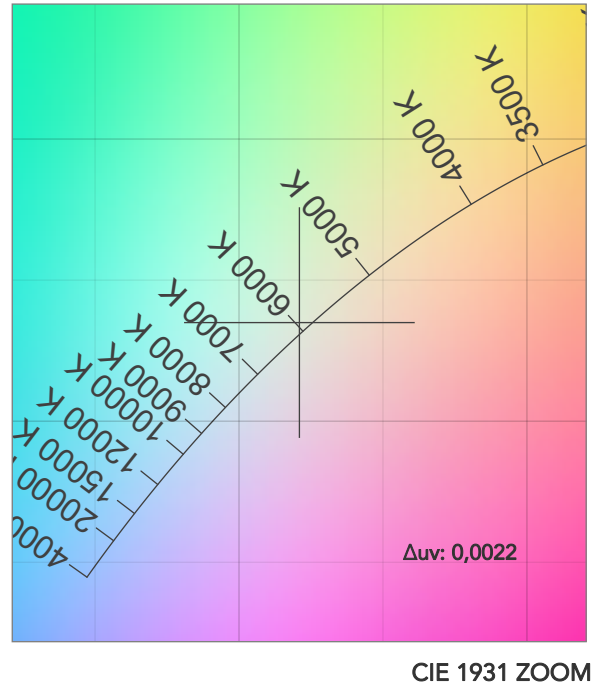
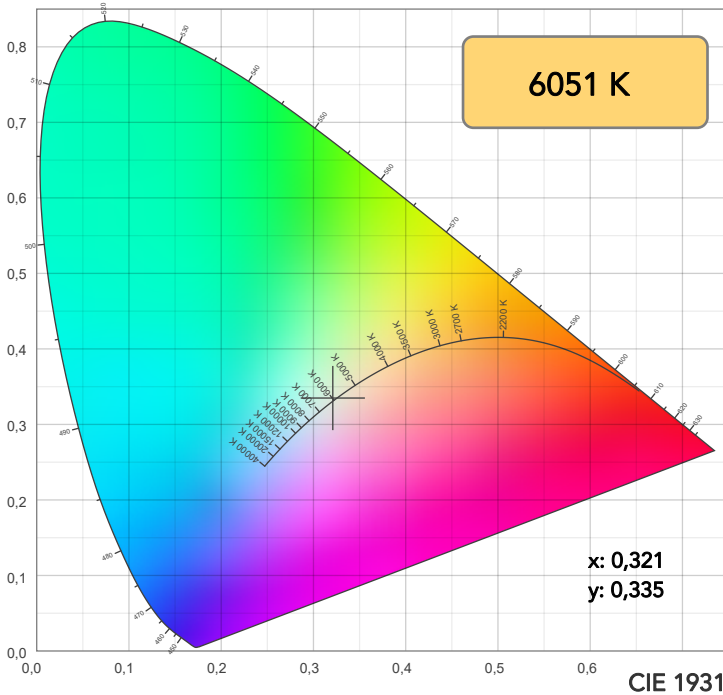
Field angle 10%: 31,4°

Cut off angle 2.5%: 37°

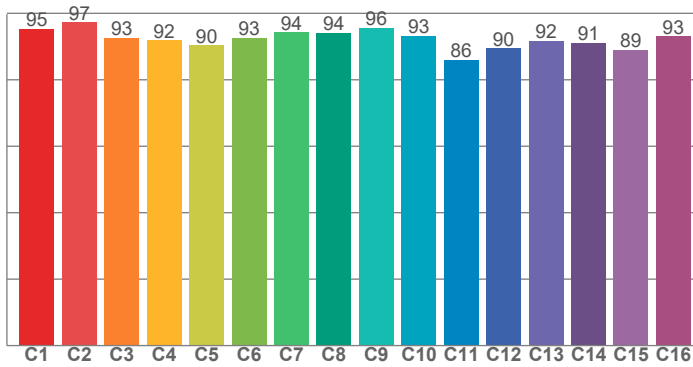
Spectra



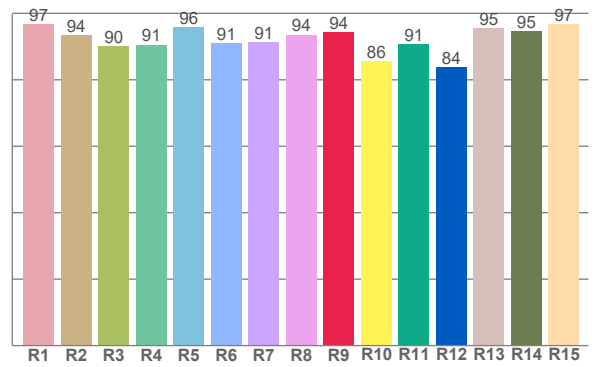
COLOR DETAILS



TM30: 92,3



CRI: 92,9 (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
96,8	93,5	90,2	90,6	95,9	91,1	91,4	93,6	94,3	85,6	90,7	83,7	95,4	94,7	96,7

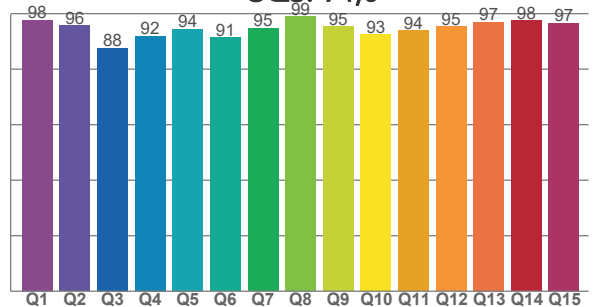
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,4	97,4	92,7	91,9	90,3	92,6	94,3	94,1	95,6	93,2	86,0	89,5	91,7	91,1	89,0	93,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,7	95,7	87,7	91,9	94,5	91,4	94,7	99,0	95,3	92,5	94,0	95,3	96,9	97,5	96,6

CQS: 94,0



COLOR PARAMETERS

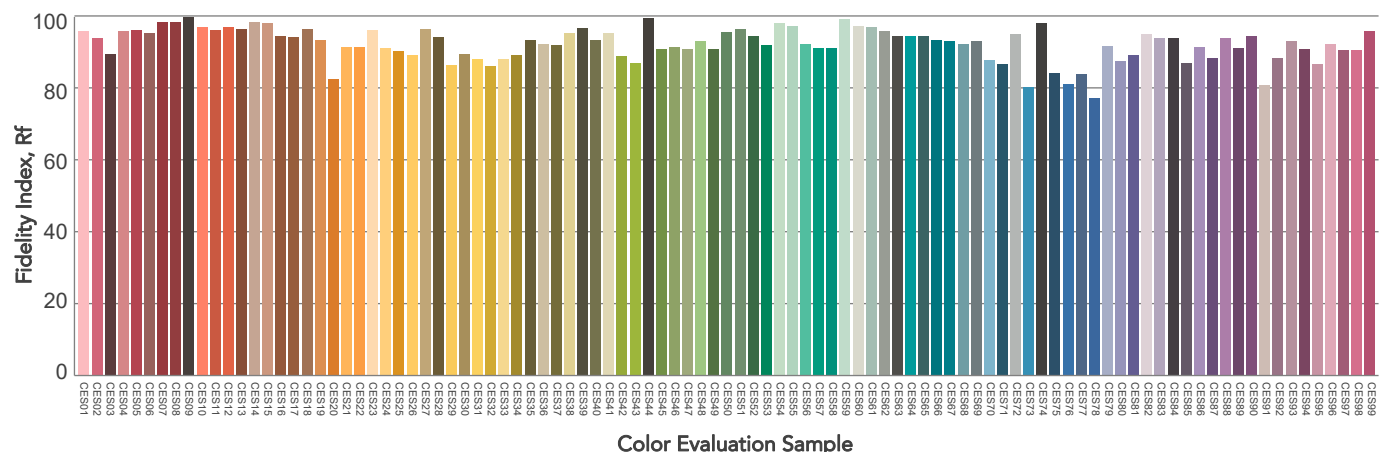
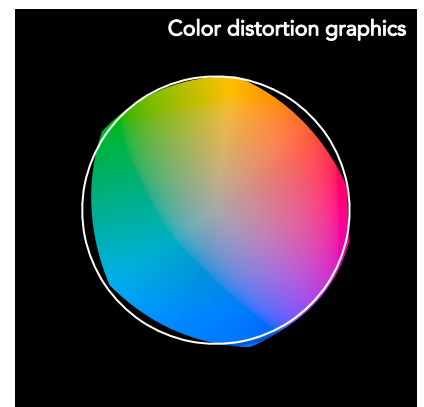
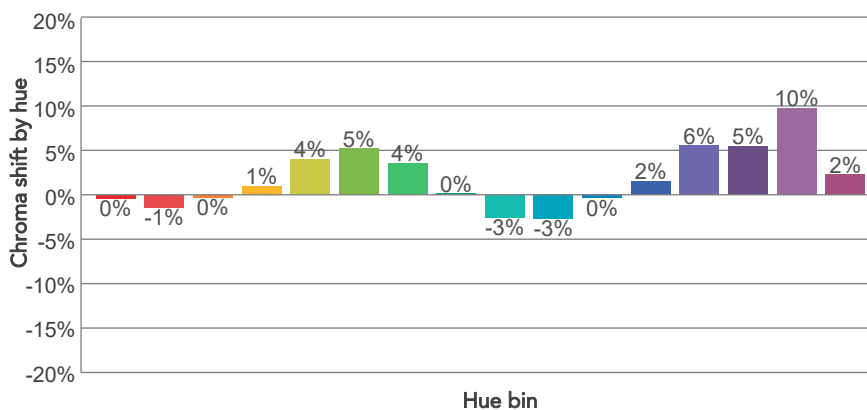
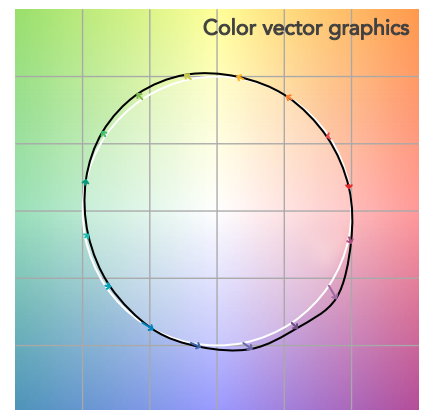
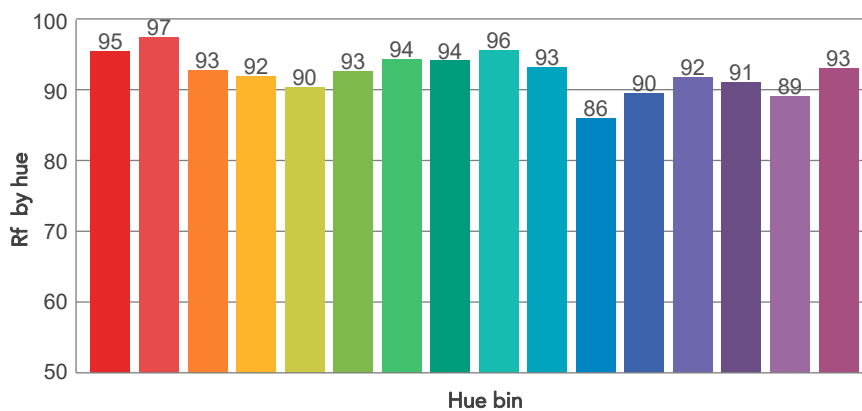
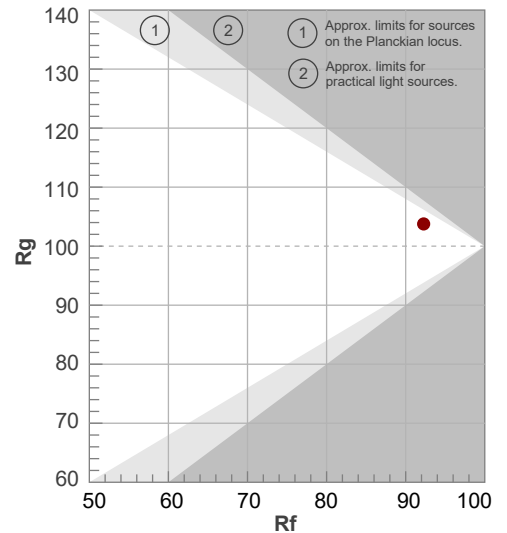
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6051 K	92,9	94,3	92,3	103,8	94,0	98	0,321	0,335	0,0022

TM30 DETAILS

Rf 92,3
Fidelity index Rf

Rg 103,8
Gammut index

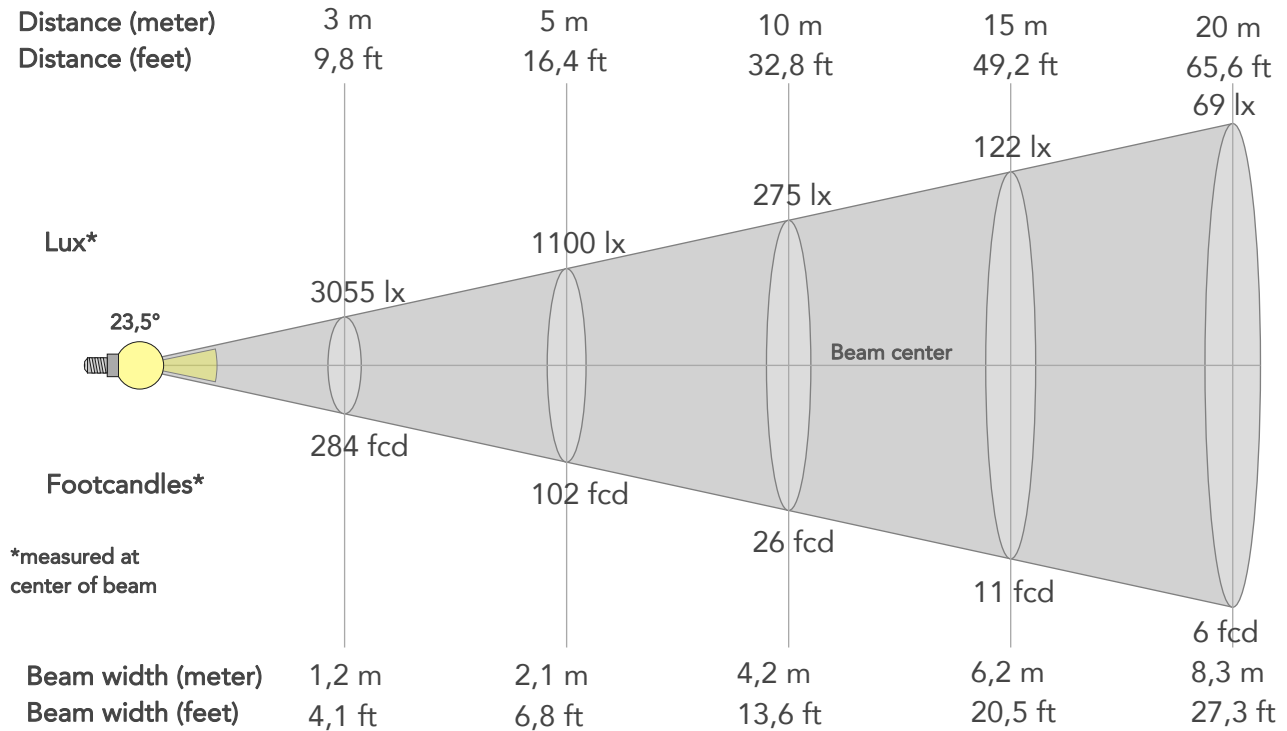
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-2%
2	97	-1%	0%
3	93	0%	4%
4	92	1%	5%
5	90	4%	3%
6	93	5%	1%
7	94	4%	-2%
8	94	0%	-3%
9	96	-3%	-1%
10	93	-3%	2%
11	86	0%	9%
12	90	2%	7%
13	92	6%	5%
14	91	5%	1%
15	89	10%	-5%
16	93	2%	-4%



BEAM DETAILS



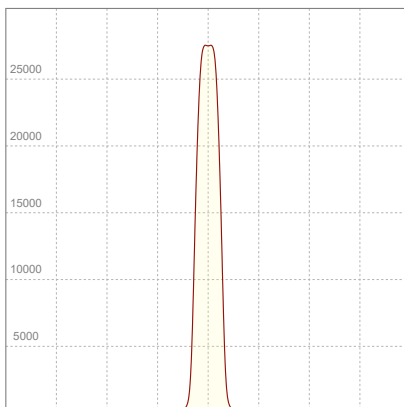
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,5°	31,4°	37°	99,5%	98,5%



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	27496lx	6874lx	3055lx	1718lx	1100lx	489lx	275lx	122lx	69lx	44lx	31lx	17lx	11lx
Footcand.	2554fcd	639fcd	284fcd	160fcd	102fcd	45fcd	26fcd	11fcd	6fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,7m	2,1m	3,1m	4,2m	6,2m	8,3m	10,4m	12,5m	16,6m	20,8m
Beam wid.	1,4ft	2,7ft	4,1ft	5,4ft	6,8ft	10,2ft	13,6ft	20,5ft	27,3ft	34,1ft	40,9ft	54,6ft	68,2ft

LINEAR DISTRIBUTION DIAGRAM

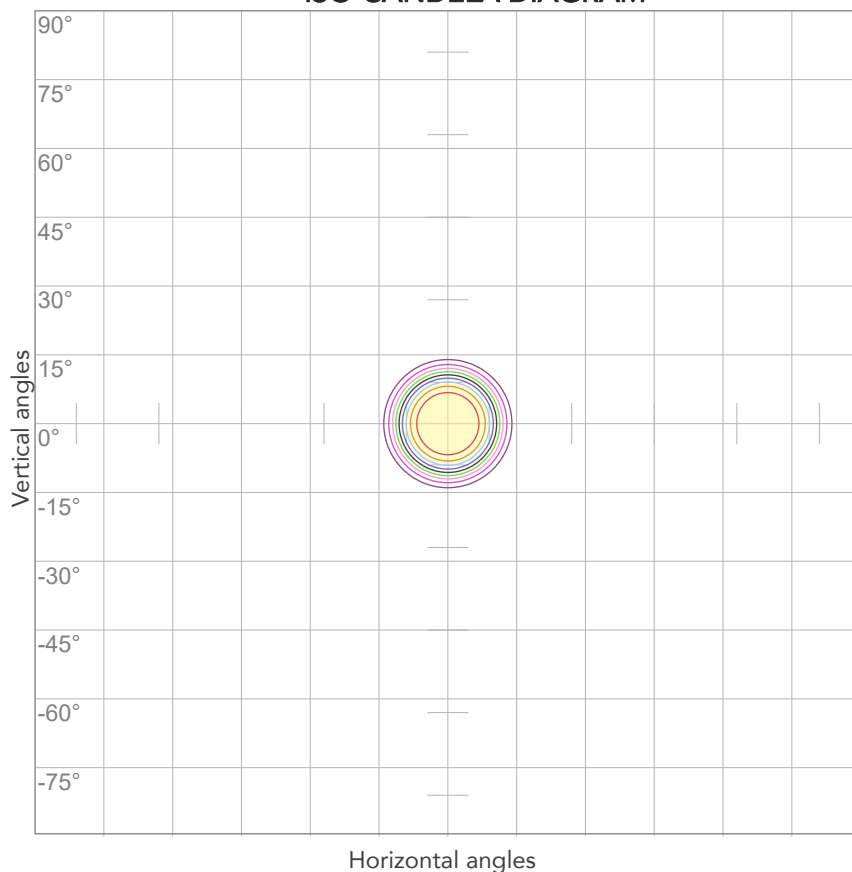


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
225V	0,381A	83,3W	0,97	49lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



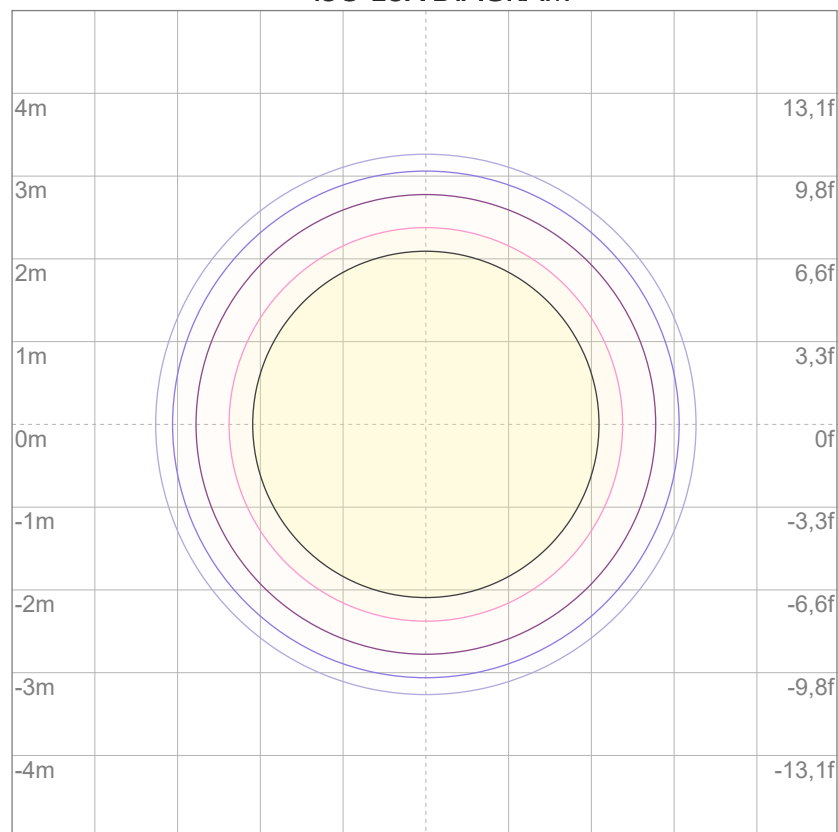
10%	2750 cd
20%	5499 cd
30%	8249 cd
40%	10998 cd
50%	13748 cd
60%	16497 cd
70%	19247 cd
80%	21997 cd

Conditions:

Number of c-planes: 2

Candela at center: 27496 cd

ISO LUX DIAGRAM



3%	8,25 lx
5%	13,7 lx
10%	27,5 lx
30%	82,5 lx
50%	137 lx

Conditions:

Number of c-planes: 2

Lux at center: 275 lx

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



Total lumen output:

2633 lm

Peak candela output:

82393 cd

Light quality:

CRI: 93,0

Color temperature:

6155 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

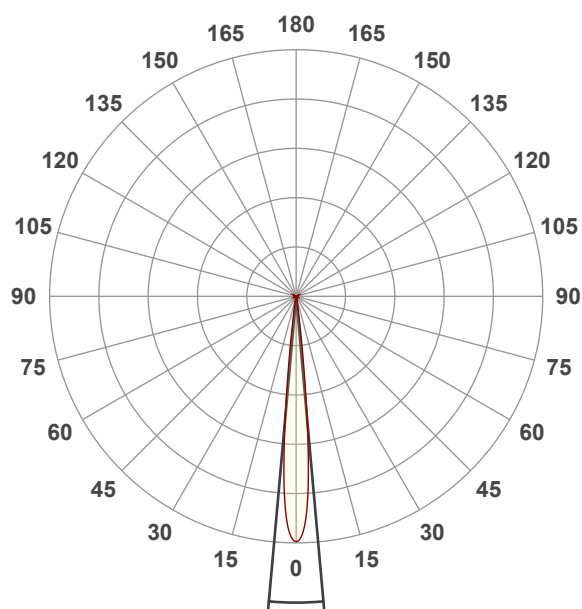
Cold White

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 14:35:56

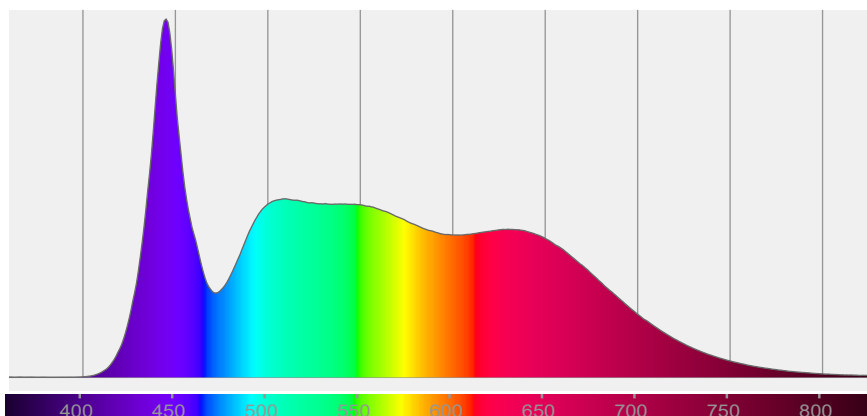


Beam angle 50%: 10,2°

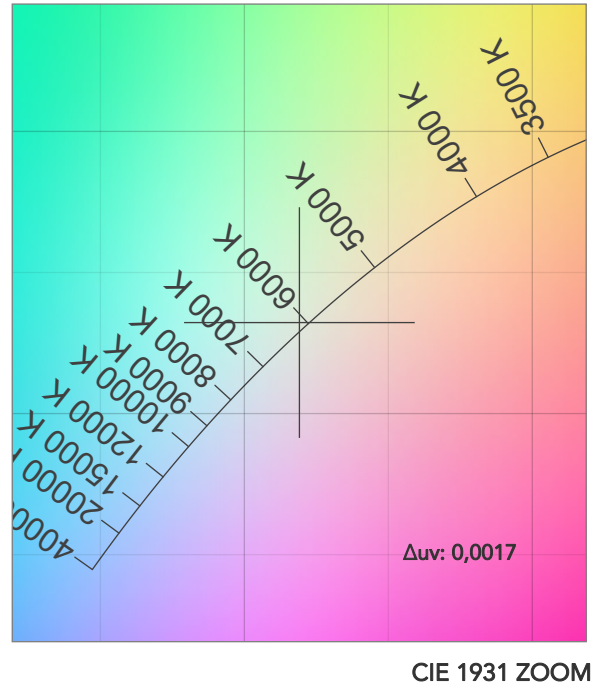
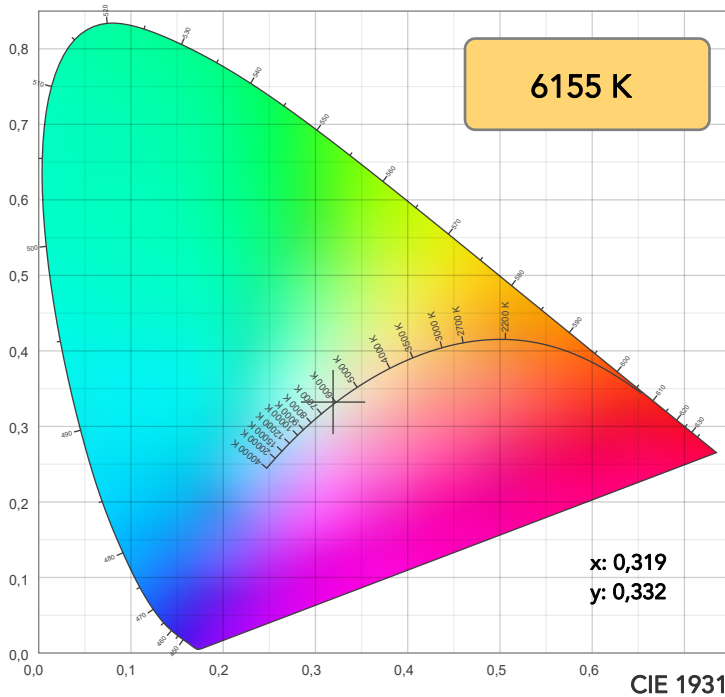
Field angle 10%: 15,4°

Cut off angle 2.5%: 19,4°

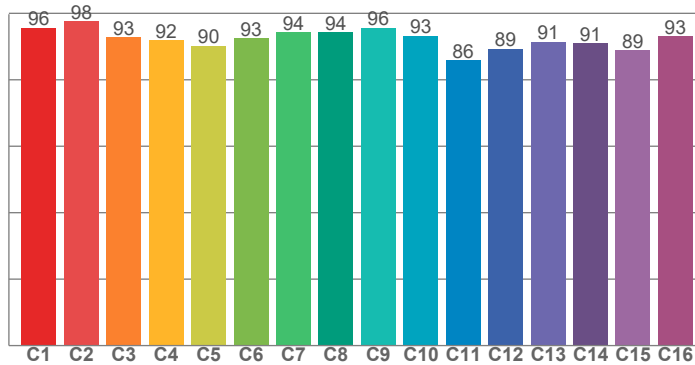
Spectra



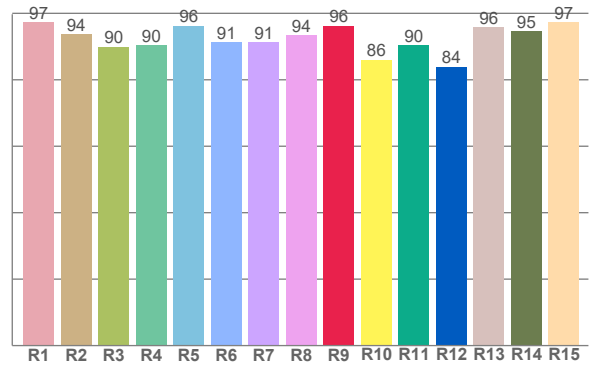
COLOR DETAILS



TM30: 92,3



CRI: 93,0 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,3	93,7	90,0	90,4	96,3	91,3	91,3	93,5	96,3	86,0	90,4	83,9	95,9	94,6	97,3

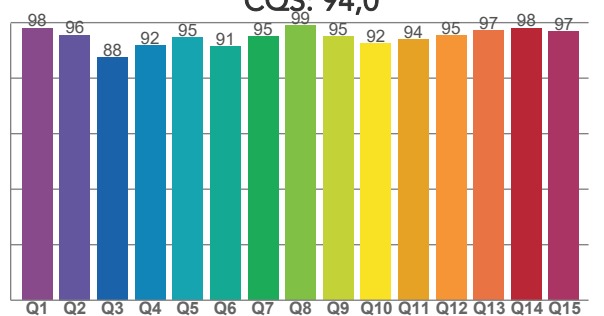
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,6	97,5	92,8	91,9	90,3	92,5	94,3	94,3	95,7	93,3	85,8	89,3	91,5	90,9	88,9	93,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,0	95,6	87,5	91,8	94,6	91,5	94,9	99,0	95,0	92,4	93,9	95,3	97,1	98,0	96,9

CQS: 94,0



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
6155 K	93,0	96,3	92,3	104,0	94,0	98	0,319	0,332	0,0017

TM30 DETAILS

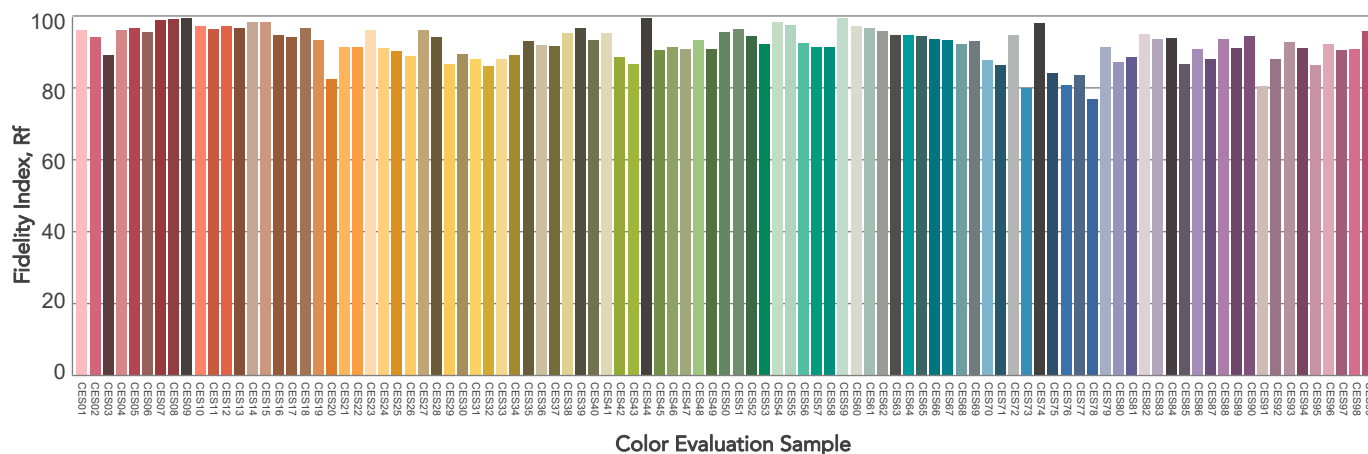
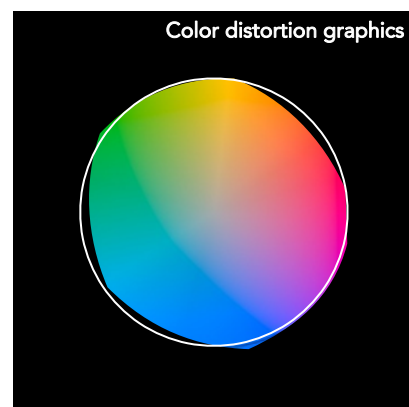
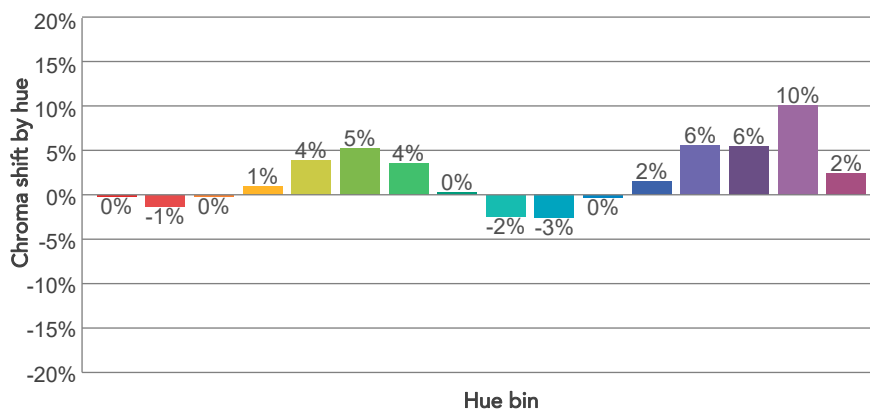
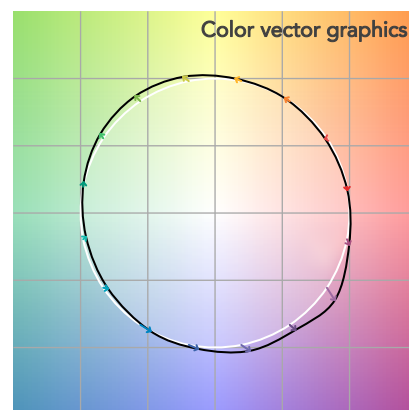
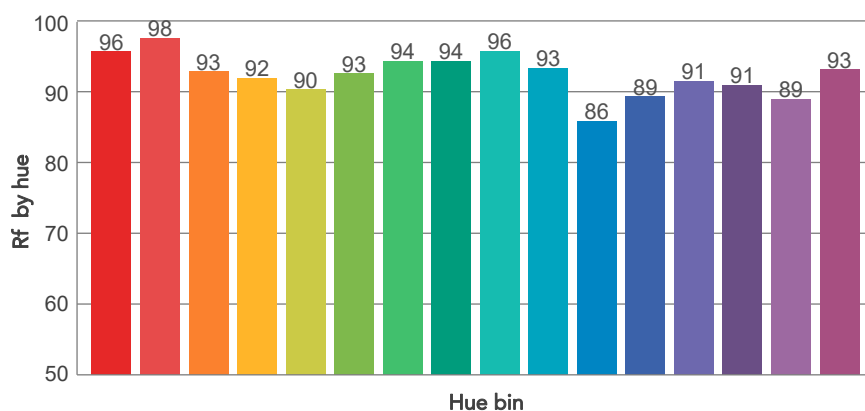
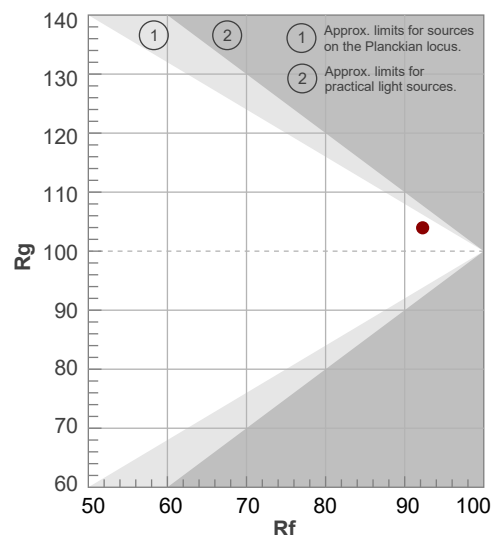
Rf 92,3

Fidelity index Rf

Rg 104,0

Gammut index

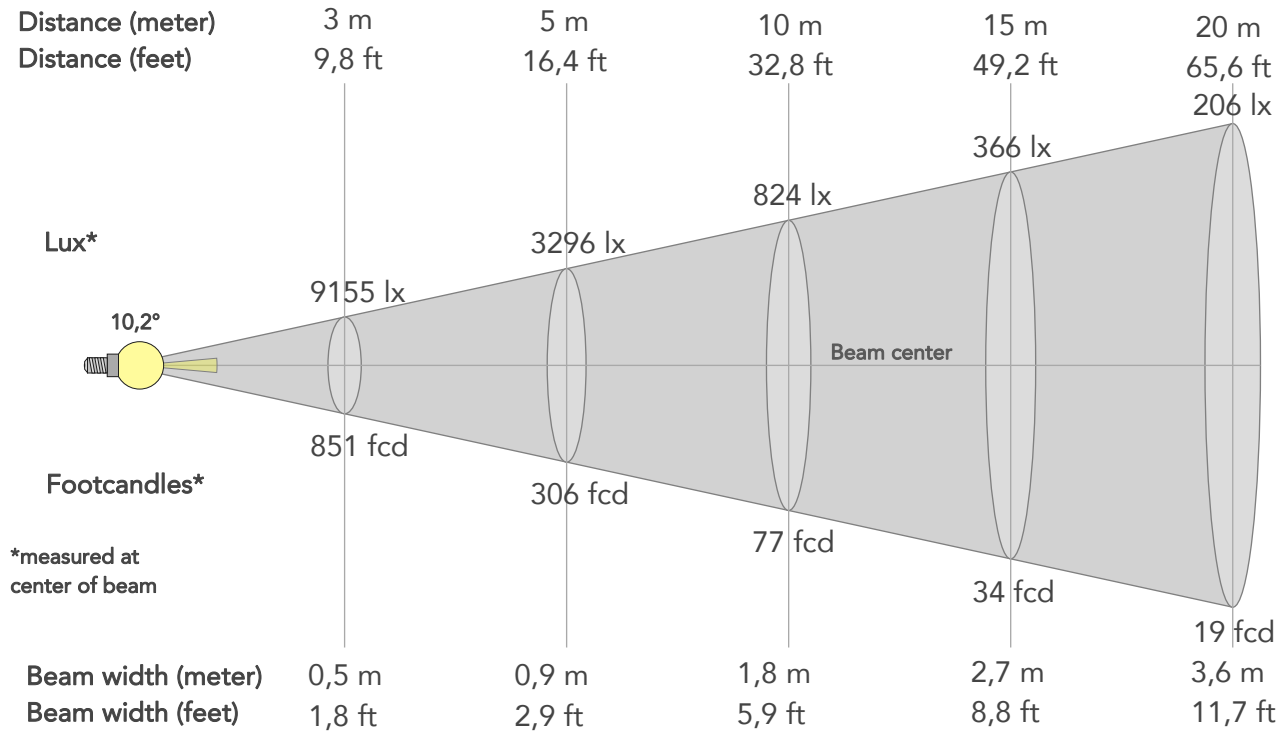
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-2%
2	98	-1%	0%
3	93	0%	4%
4	92	1%	5%
5	90	4%	3%
6	93	5%	1%
7	94	4%	-2%
8	94	0%	-3%
9	96	-2%	-1%
10	93	-3%	3%
11	86	0%	9%
12	89	2%	7%
13	91	6%	5%
14	91	6%	1%
15	89	10%	-4%
16	93	2%	-4%



BEAM DETAILS



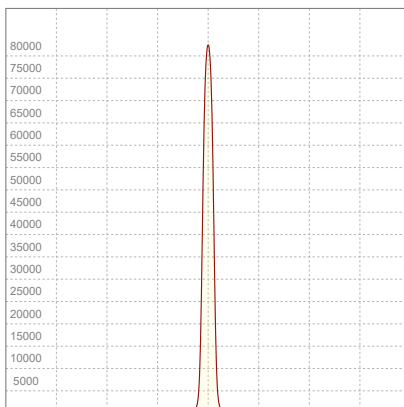
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,2°	15,4°	19,4°	99,6%	98,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	82393lx	20598lx	9155lx	5150lx	3296lx	1465lx	824lx	366lx	206lx	132lx	92lx	51lx	33lx
Footcand.	7655fcd	1914fcd	851fcd	478fcd	306fcd	136fcd	77fcd	34fcd	19fcd	12fcd	9fcd	5fcd	3fcd
Beam wid.	0,2m	0,4m	0,5m	0,7m	0,9m	1,3m	1,8m	2,7m	3,6m	4,5m	5,4m	7,2m	8,9m
Beam wid.	0,6ft	1,2ft	1,8ft	2,3ft	2,9ft	4,4ft	5,9ft	8,8ft	11,7ft	14,7ft	17,6ft	23,5ft	29,3ft

LINEAR DISTRIBUTION DIAGRAM

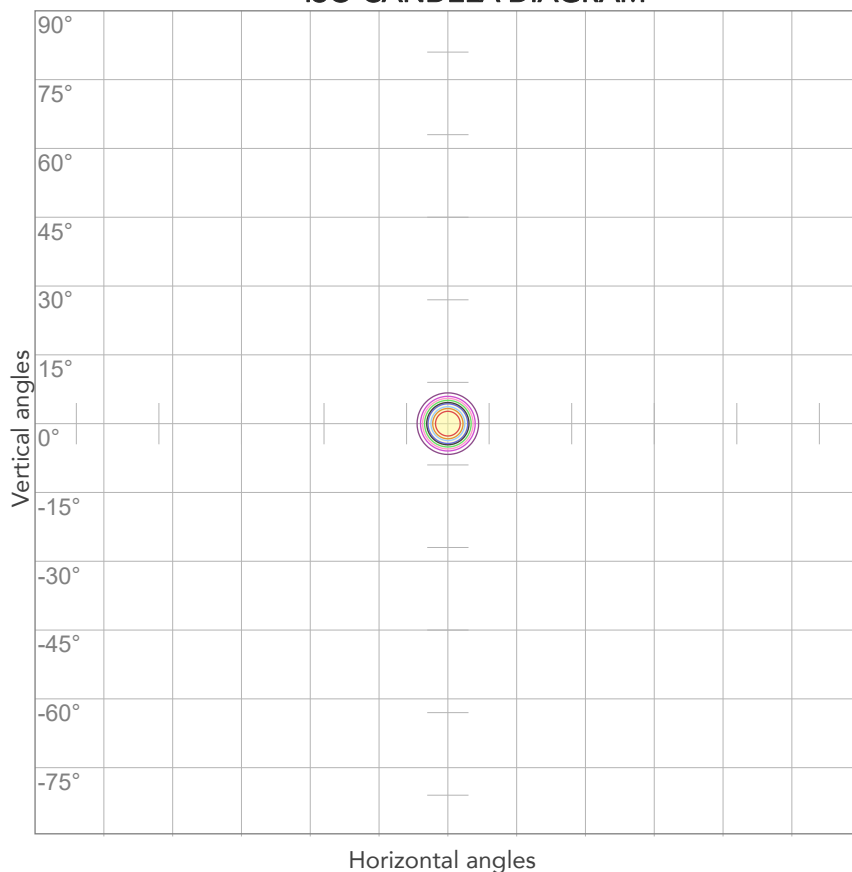


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
227V	0,376A	82,6W	0,97	32lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



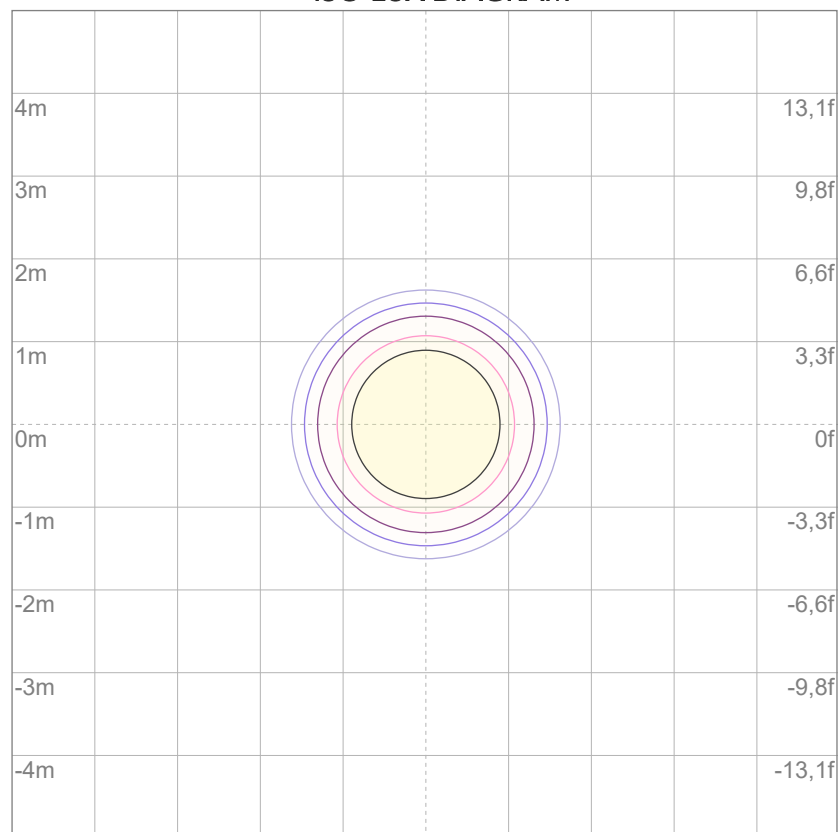
10%	8239 cd
20%	16479 cd
30%	24718 cd
40%	32957 cd
50%	41197 cd
60%	49436 cd
70%	57675 cd
80%	65915 cd

Conditions:

Number of c-planes: 2

Candela at center: 82393 cd

ISO LUX DIAGRAM



3%	24,7 lx
5%	41,2 lx
10%	82,4 lx
30%	247 lx
50%	412 lx

Conditions:

Number of c-planes: 2

Lux at center: 824 lx

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



Total lumen output:

4125 lm

Peak candela output:

7743 cd

Light quality:

CRI: 96,0

Color temperature:

2803 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

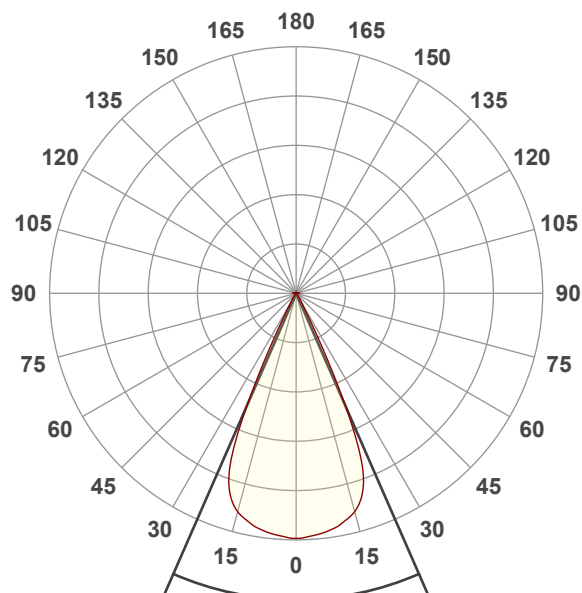
2800K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 16:56:13

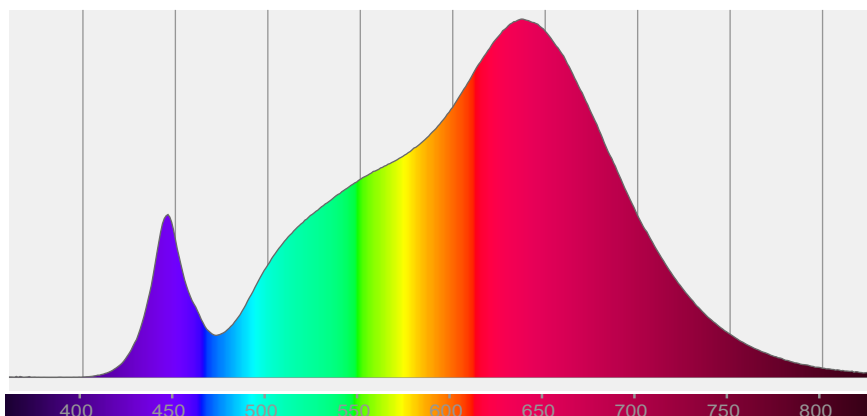


Beam angle 50%: 47,3°

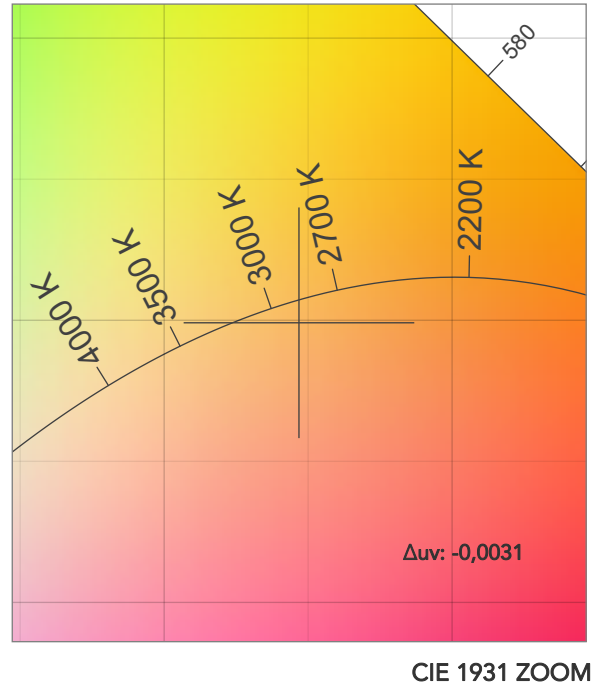
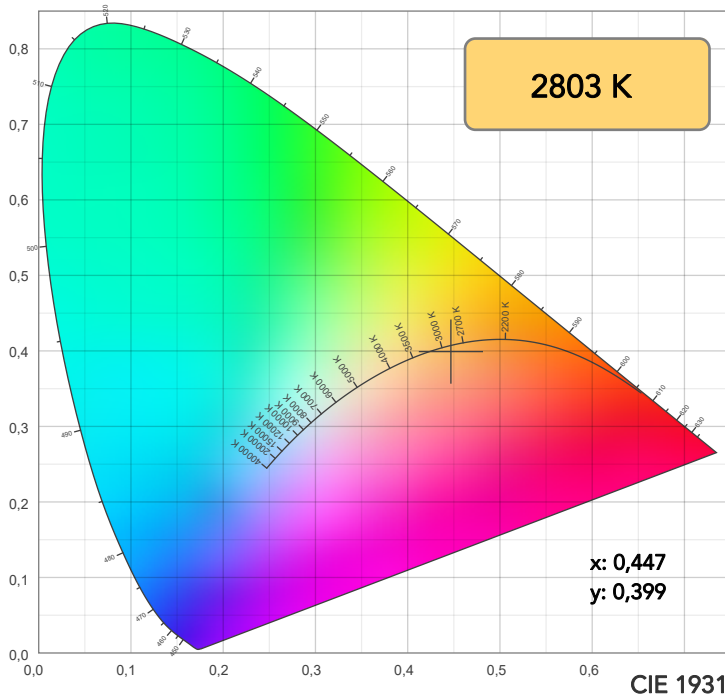
Field angle 10%: 55,8°

Cut off angle 2.5%: 67°

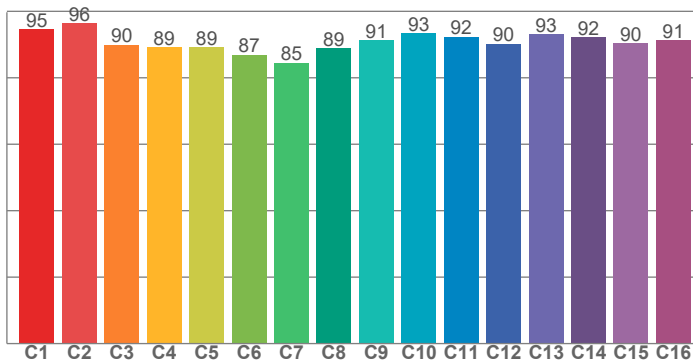
Spectra



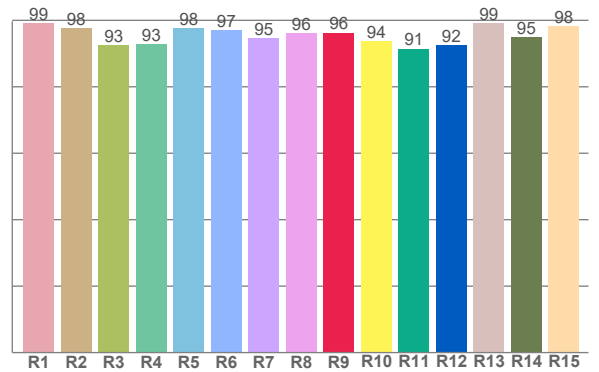
COLOR DETAILS



TM30: 91,3



CRI: 96,0 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99,1	97,7	92,6	92,8	97,6	96,9	94,6	96,2	96,3	93,7	91,4	92,5	99,2	94,8	98,2

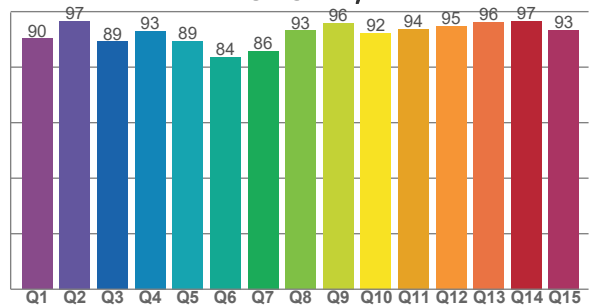
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,6	96,4	89,9	89,1	89,2	86,9	84,6	88,8	91,2	93,4	92,3	90,2	93,1	92,3	90,4	91,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,3	96,7	89,2	93,0	89,4	83,7	85,9	93,1	95,9	92,3	93,8	94,9	96,2	96,7	93,4

CQS: 91,2



COLOR PARAMETERS

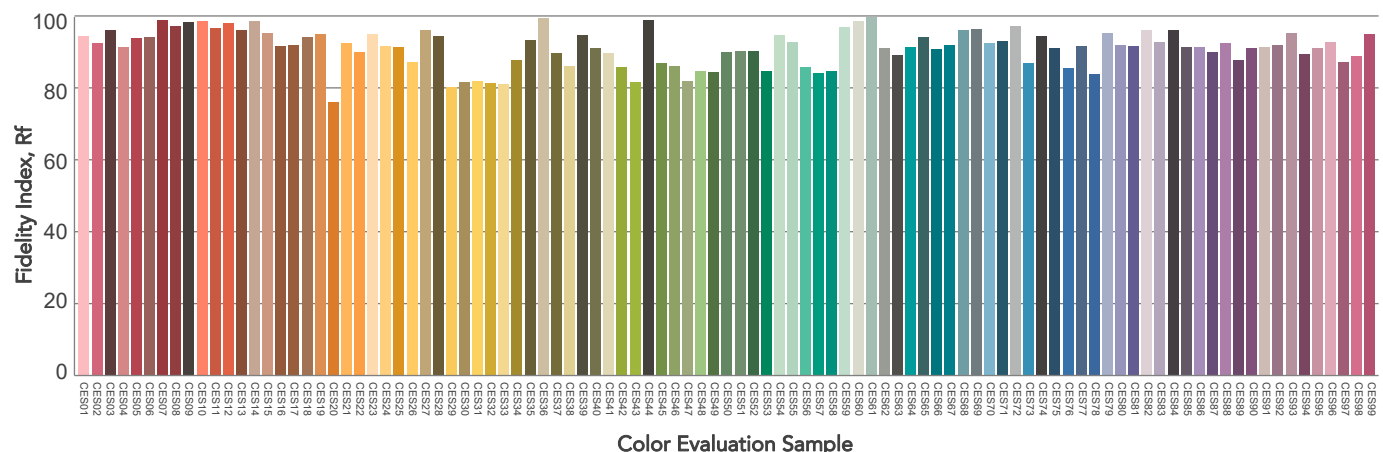
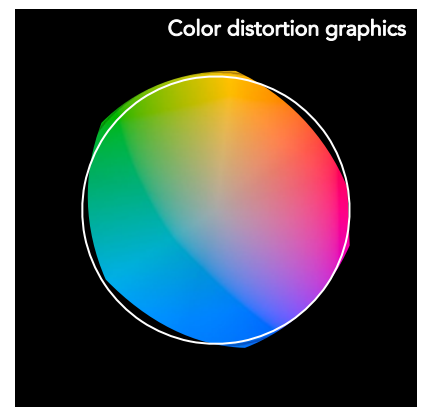
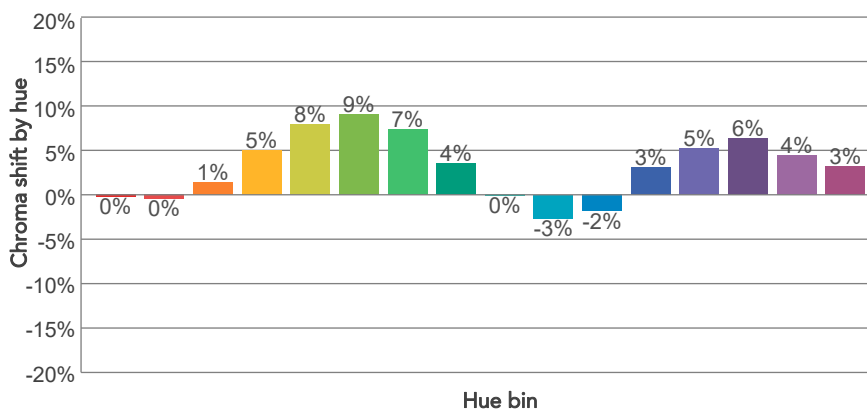
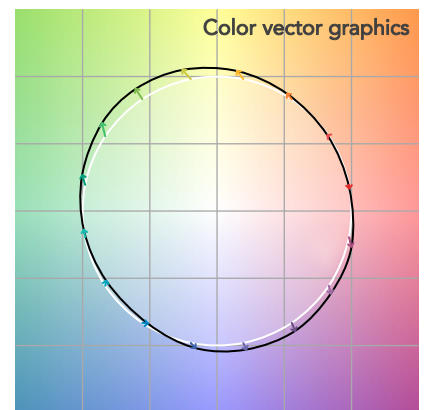
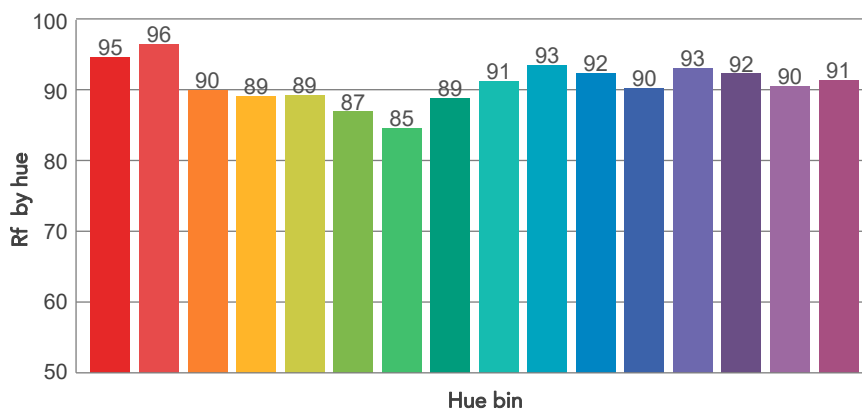
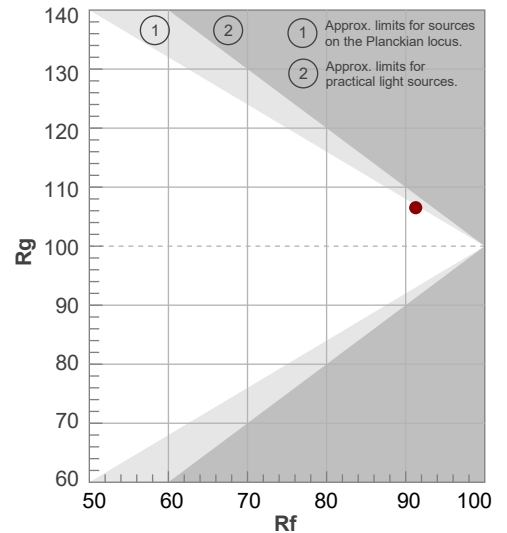
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2803 K	96,0	96,3	91,3	106,5	91,2	89	0,447	0,399	-0,0031

TM30 DETAILS

Rf 91,3
Fidelity index Rf

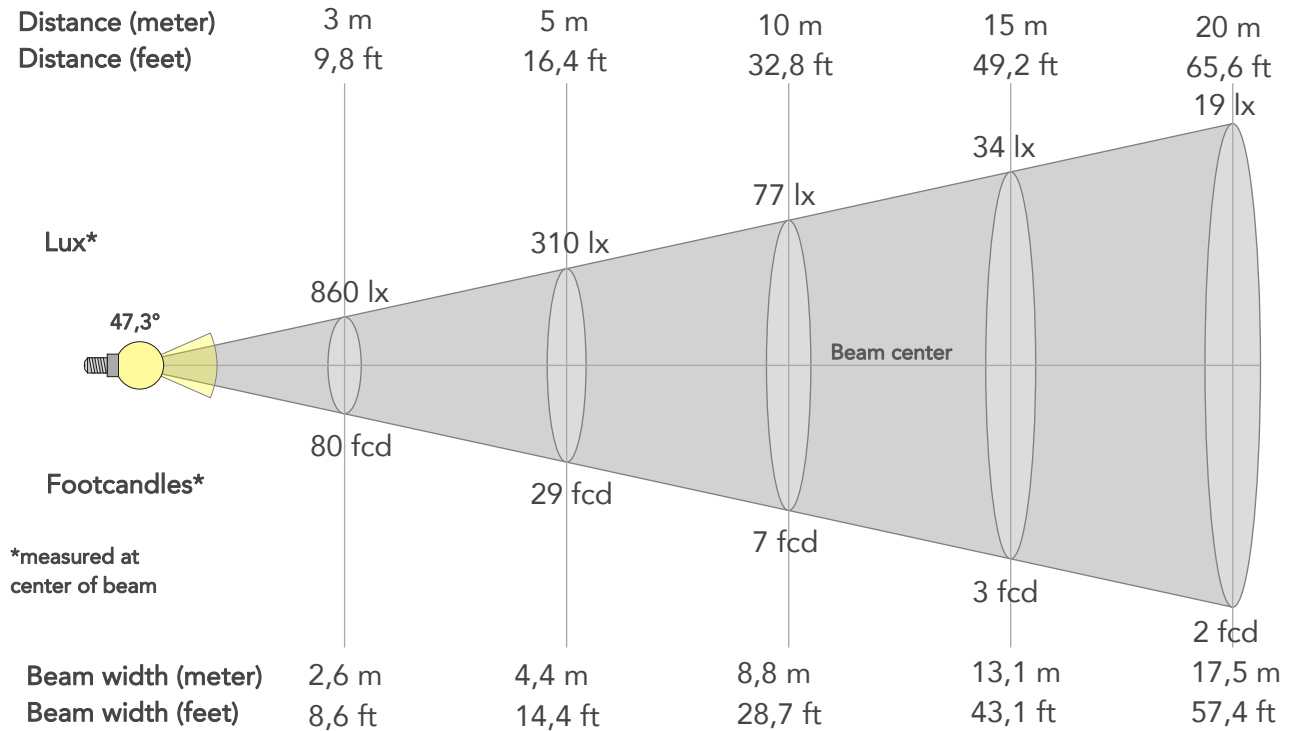
Rg 106,5
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-3%
2	96	0%	1%
3	90	1%	5%
4	89	5%	6%
5	89	8%	5%
6	87	9%	0%
7	85	7%	-7%
8	89	4%	-7%
9	91	0%	-6%
10	93	-3%	-3%
11	92	-2%	4%
12	90	3%	4%
13	93	5%	1%
14	92	6%	-1%
15	90	4%	-4%
16	91	3%	-6%



BEAM DETAILS

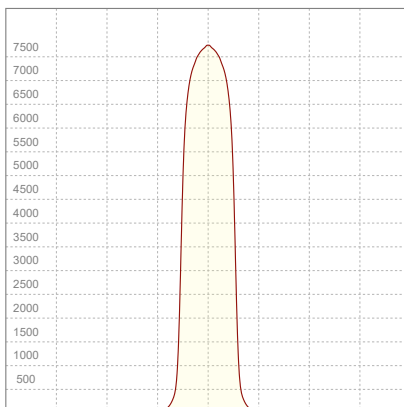
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,3°	55,8°	67°	99,6%	98,7%



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	7743lx	1936lx	860lx	484lx	310lx	138lx	77lx	34lx	19lx	12lx	9lx	5lx	3lx
Footcand.	719fcd	180fcd	80fcd	45fcd	29fcd	13fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,1m	17,5m	21,9m	26,3m	35m	43,8m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,4ft	21,5ft	28,7ft	43,1ft	57,4ft	71,8ft	86,1ft	114,8ft	143,5ft

LINEAR DISTRIBUTION DIAGRAM

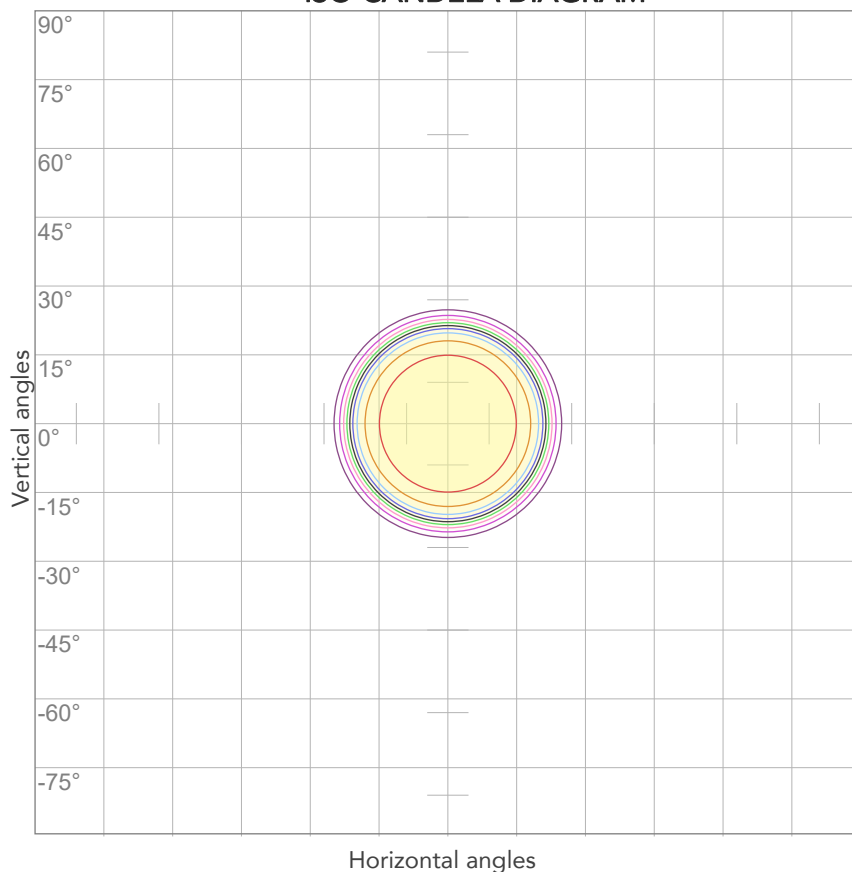


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
225V	0,445A	98,4W	0,98	42lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



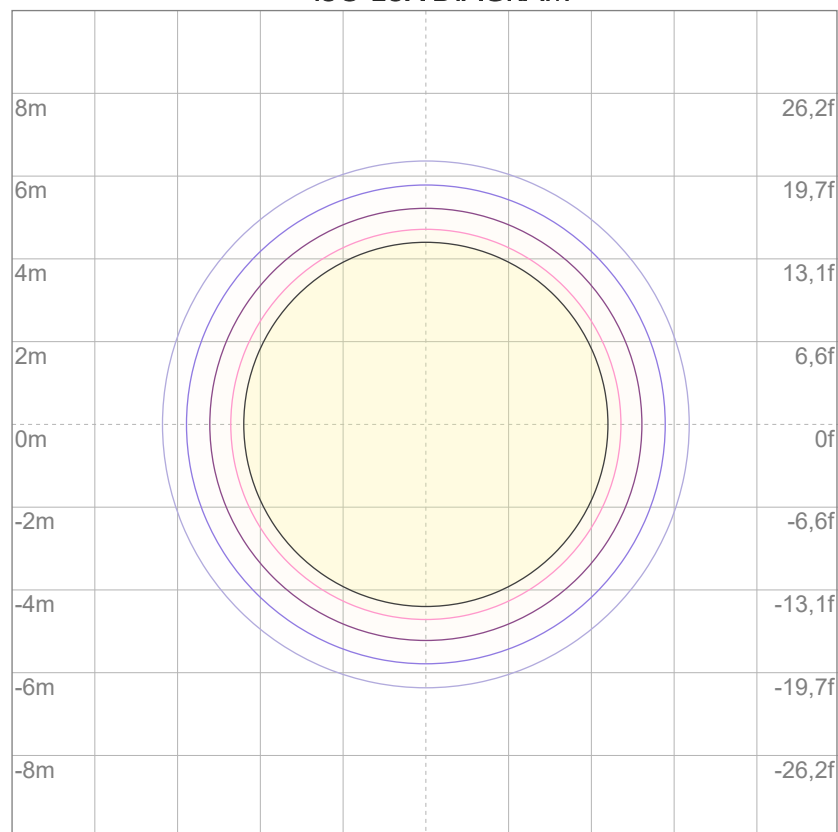
10%	774 cd
20%	1549 cd
30%	2323 cd
40%	3097 cd
50%	3871 cd
60%	4646 cd
70%	5420 cd
80%	6194 cd

Conditions:

Number of c-planes: 2

Candela at center: 7743 cd

ISO LUX DIAGRAM



3%	2,32 lx
5%	3,87 lx
10%	7,74 lx
30%	23,2 lx
50%	38,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 77,4 lx

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



Total lumen output:

3468 lm

Peak candela output:

24603 cd

Light quality:

CRI: 95,9

Color temperature:

2805 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

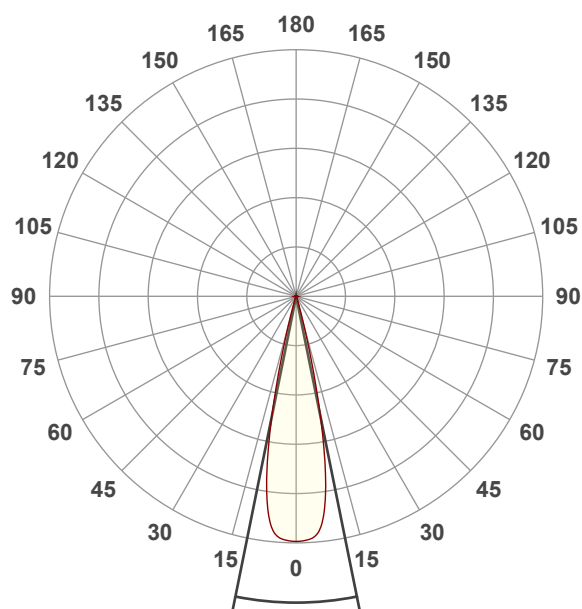
2800K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 15:49:53

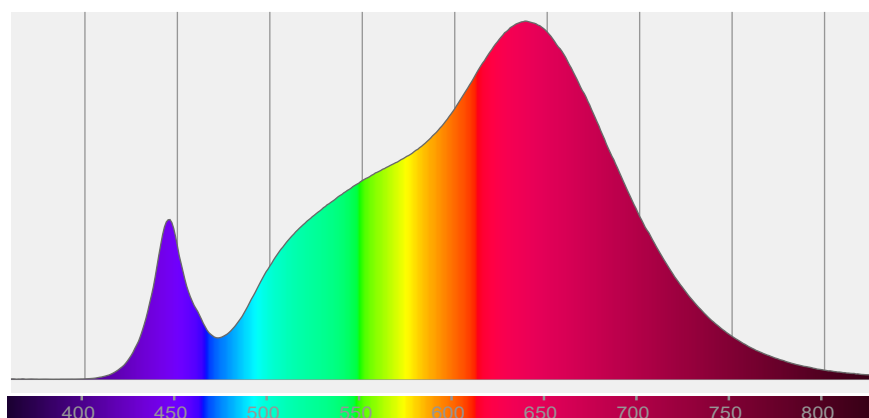


Beam angle 50%: 22,9°

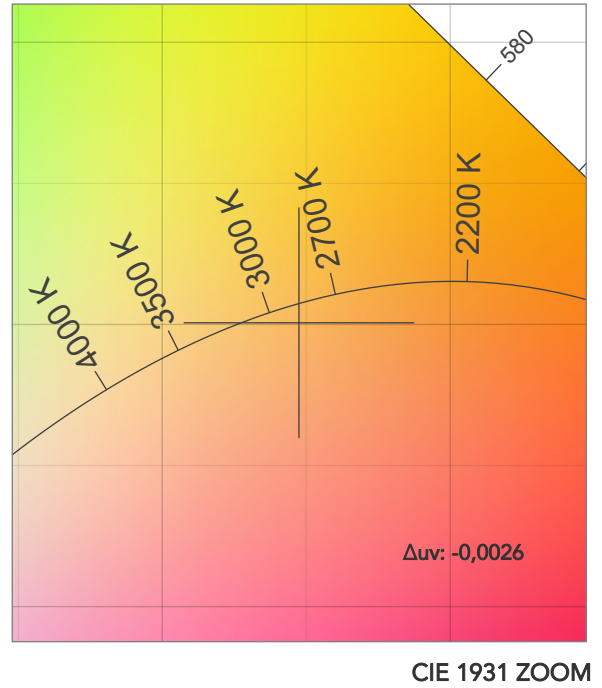
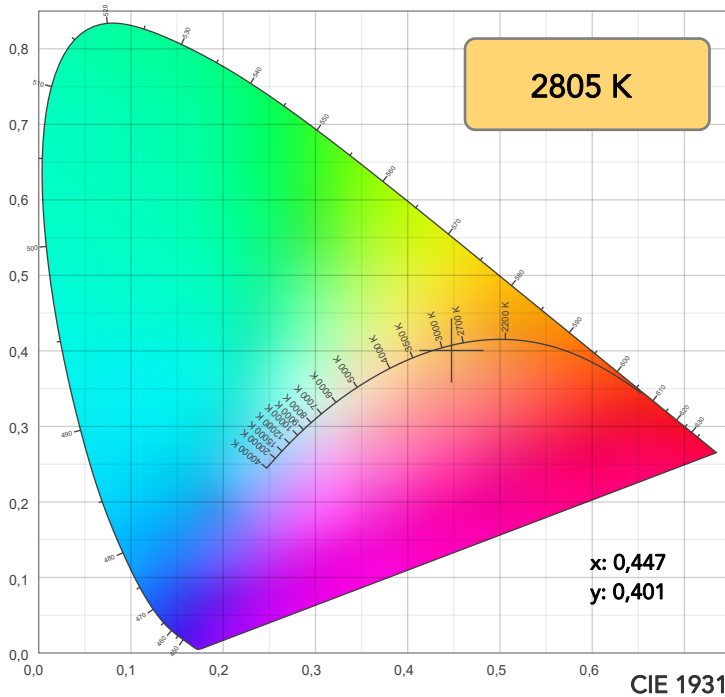
Field angle 10%: 30,8°

Cut off angle 2.5%: 36,8°

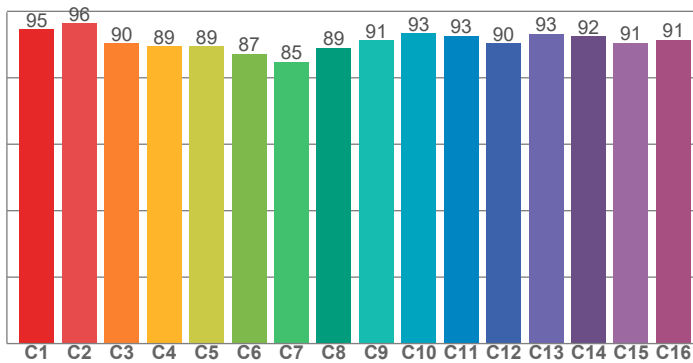
Spectra



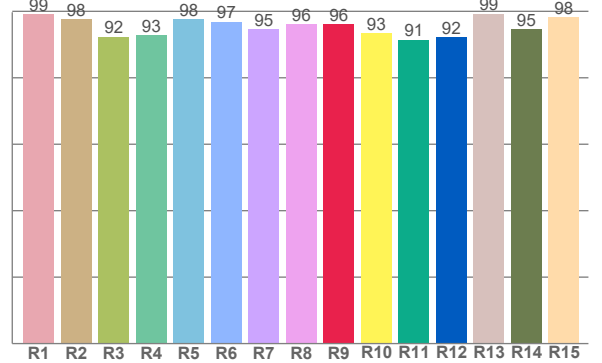
COLOR DETAILS



TM30: 91,5



CRI: 95,9 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99,2	97,6	92,4	92,8	97,6	96,9	94,7	96,2	96,2	93,4	91,5	92,1	99,3	94,7	98,2

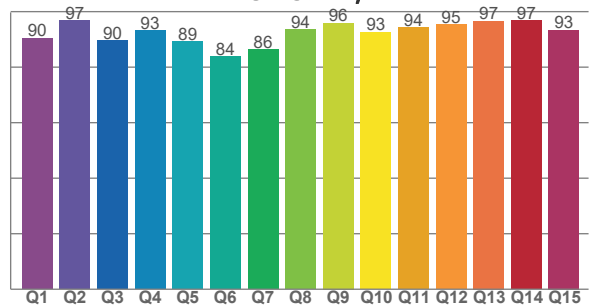
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,6	96,5	90,4	89,4	89,4	87,2	84,8	89,0	91,2	93,4	92,6	90,4	93,3	92,5	90,6	91,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90,4	96,7	89,6	93,1	89,3	83,9	86,4	93,6	95,9	92,6	94,2	95,4	96,6	96,8	93,4

CQS: 91,4



COLOR PARAMETERS

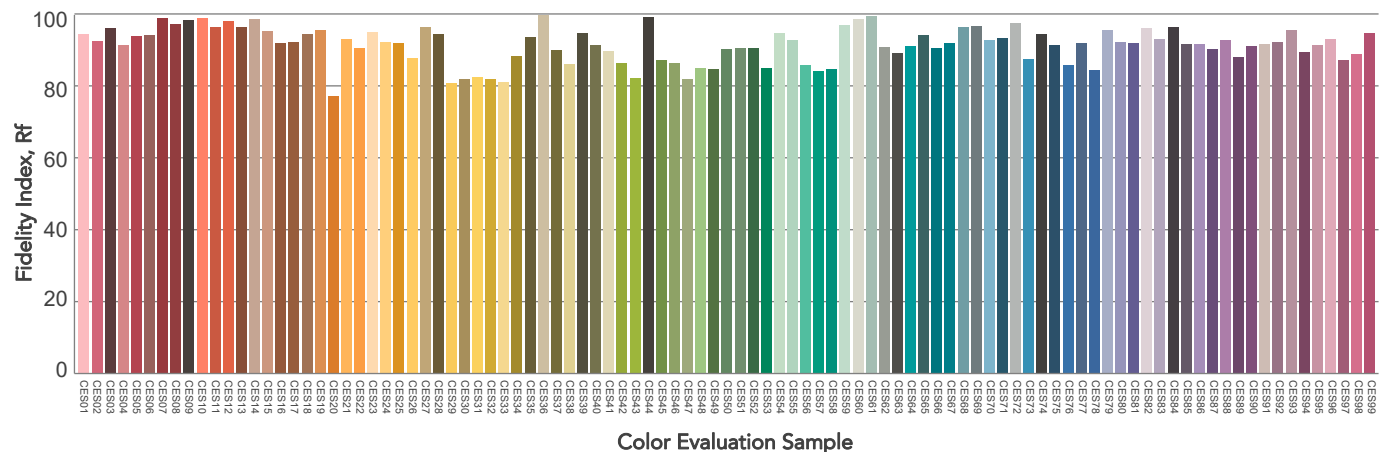
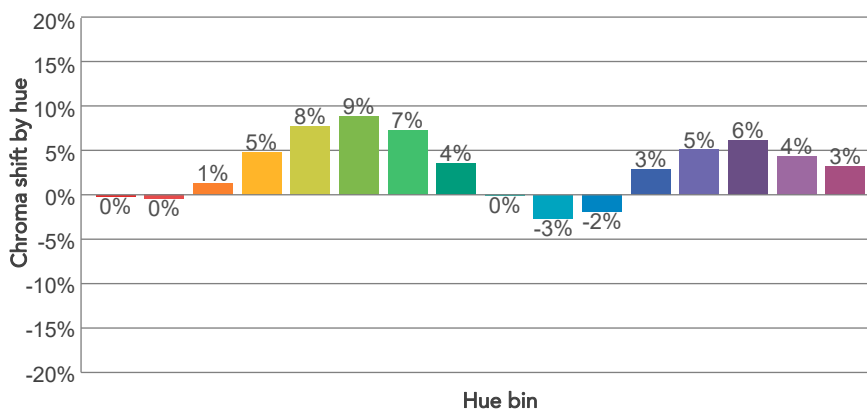
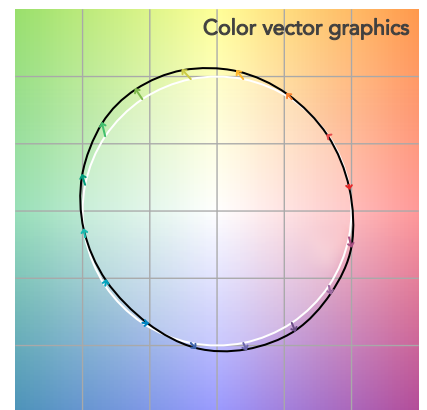
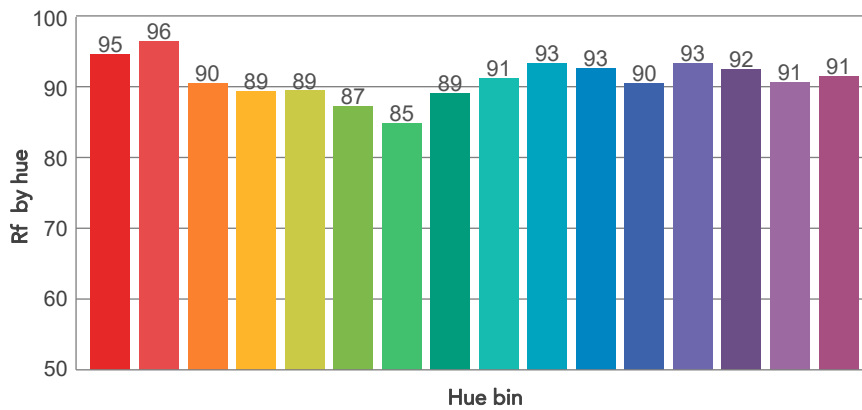
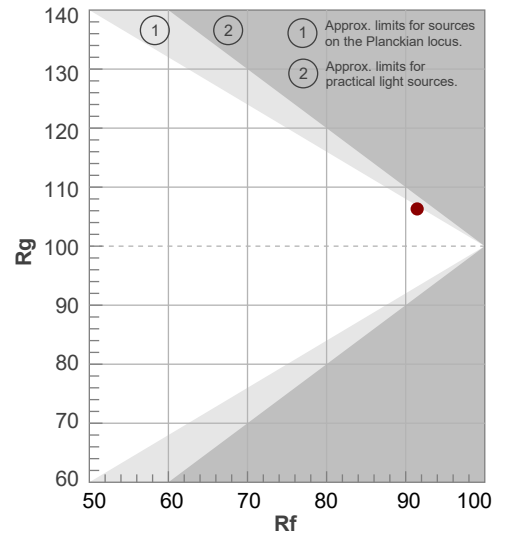
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2805 K	95,9	96,2	91,5	106,3	91,4	89	0,447	0,401	-0,0026

TM30 DETAILS

Rf 91,5
Fidelity index Rf

Rg 106,3
Gammut index

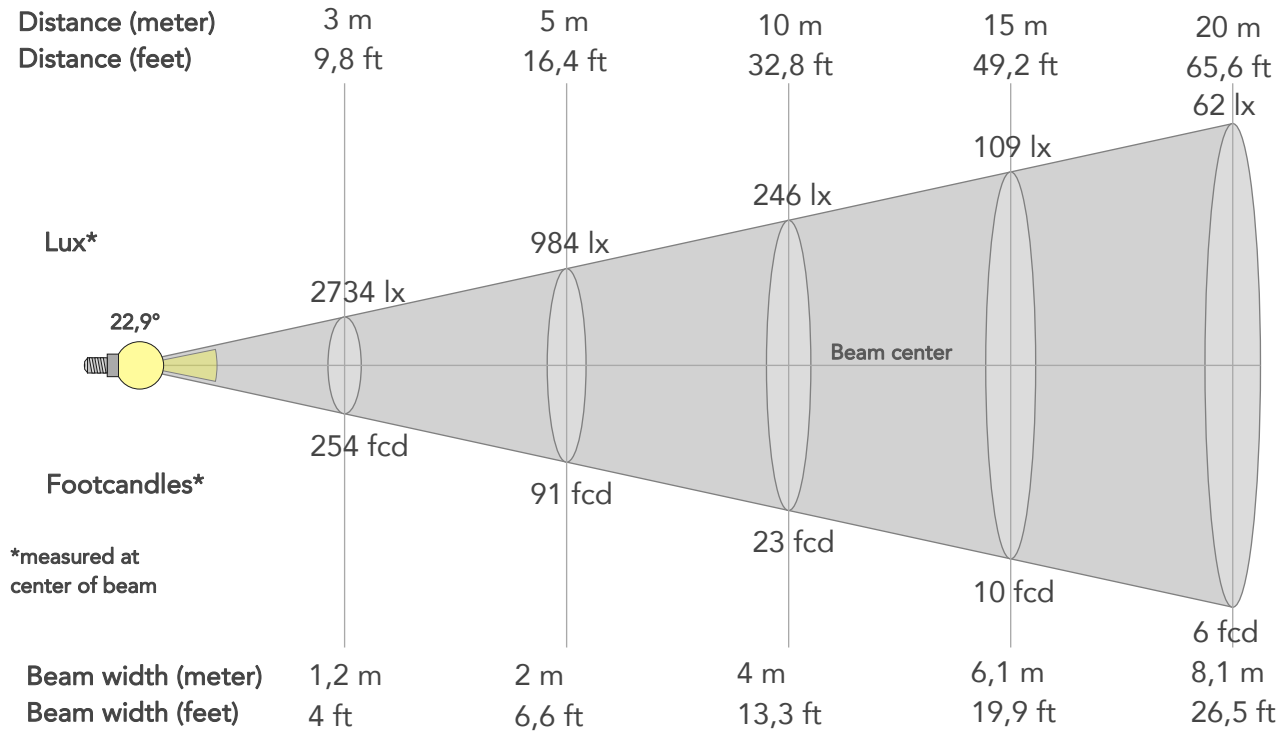
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-3%
2	96	0%	1%
3	90	1%	5%
4	89	5%	6%
5	89	8%	5%
6	87	9%	0%
7	85	7%	-7%
8	89	4%	-6%
9	91	0%	-6%
10	93	-3%	-3%
11	93	-2%	3%
12	90	3%	4%
13	93	5%	1%
14	92	6%	-1%
15	91	4%	-4%
16	91	3%	-6%



BEAM DETAILS



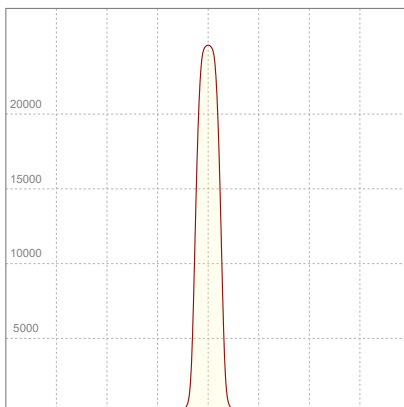
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,9°	30,8°	36,8°	99,4%	98,5%



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	24603lx	6151lx	2734lx	1538lx	984lx	437lx	246lx	109lx	62lx	39lx	27lx	15lx	10lx
Footcand.	2286fcd	571fcd	254fcd	143fcd	91fcd	41fcd	23fcd	10fcd	6fcd	4fcd	3fcd	1fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3m	4m	6,1m	8,1m	10,1m	12,1m	16,2m	20,2m
Beam wid.	1,3ft	2,7ft	4ft	5,3ft	6,6ft	10ft	13,3ft	19,9ft	26,5ft	33,2ft	39,8ft	53,1ft	66,4ft

LINEAR DISTRIBUTION DIAGRAM

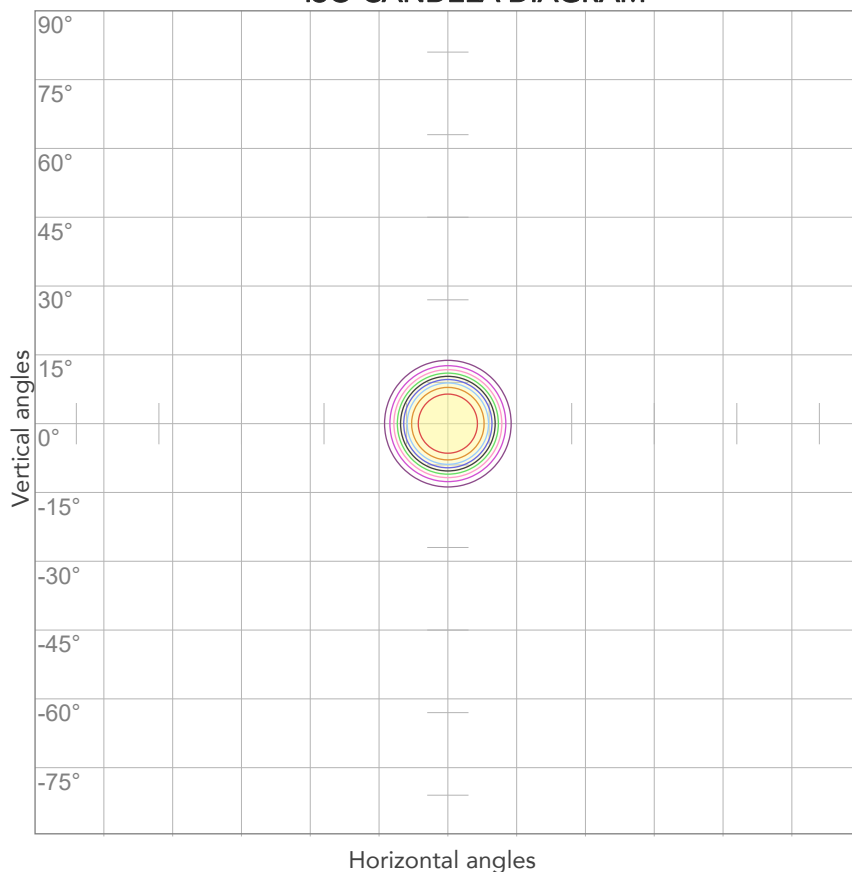


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
225V	0,439A	96,9W	0,98	36lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



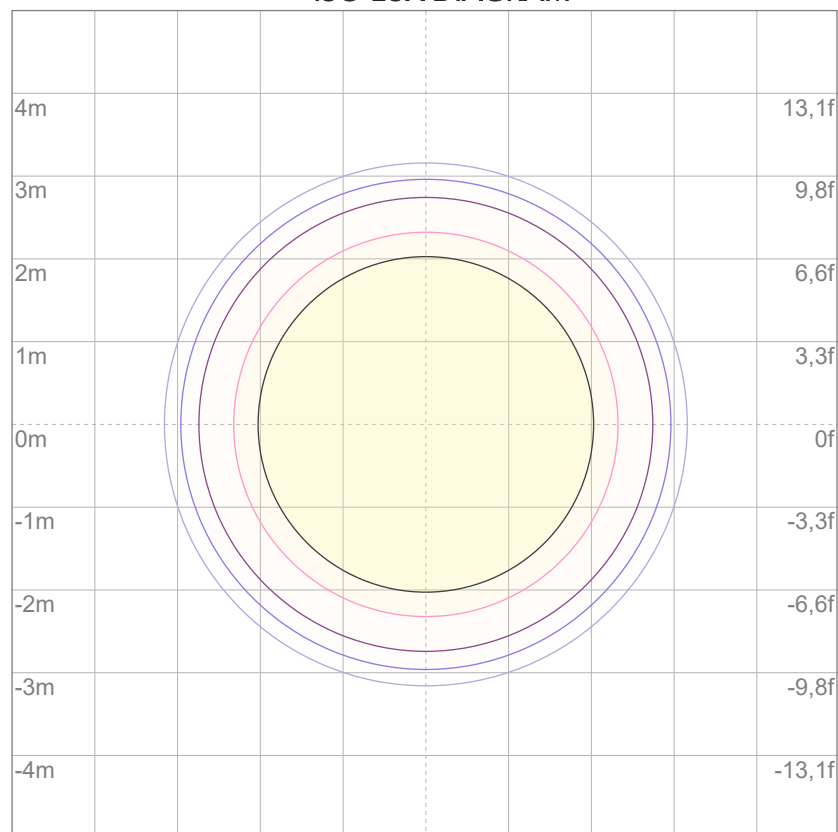
10%	2460 cd
20%	4921 cd
30%	7381 cd
40%	9841 cd
50%	12302 cd
60%	14762 cd
70%	17222 cd
80%	19683 cd

Conditions:

Number of c-planes: 2

Candela at center: 24603 cd

ISO LUX DIAGRAM



3%	7,38 lx
5%	12,3 lx
10%	24,6 lx
30%	73,8 lx
50%	123 lx

Conditions:

Number of c-planes: 2

Lux at center: 246 lx

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



Total lumen output:

2119 lm

Peak candela output:

74261 cd

Light quality:

CRI: 96,1

Color temperature:

2818 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

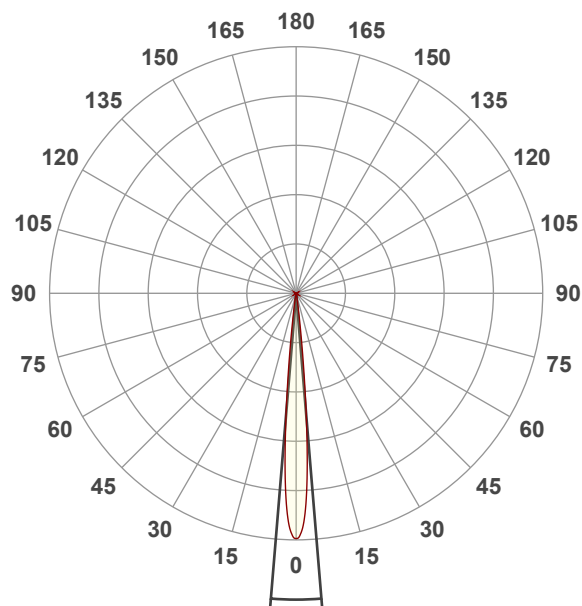
2800K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 14:41:50

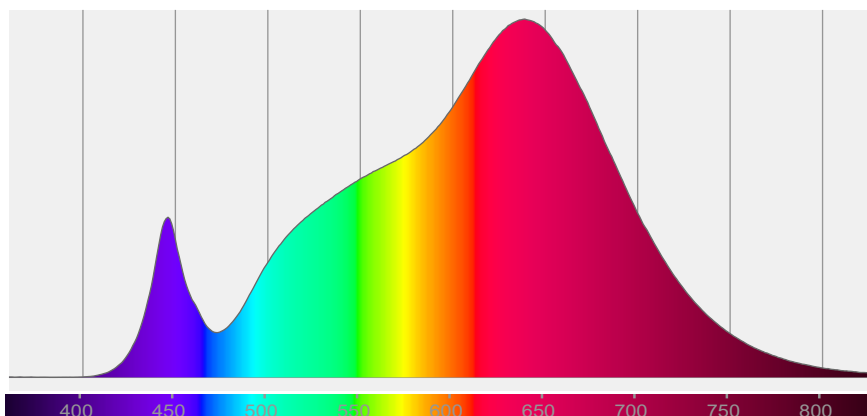


Beam angle 50%: 9,5°

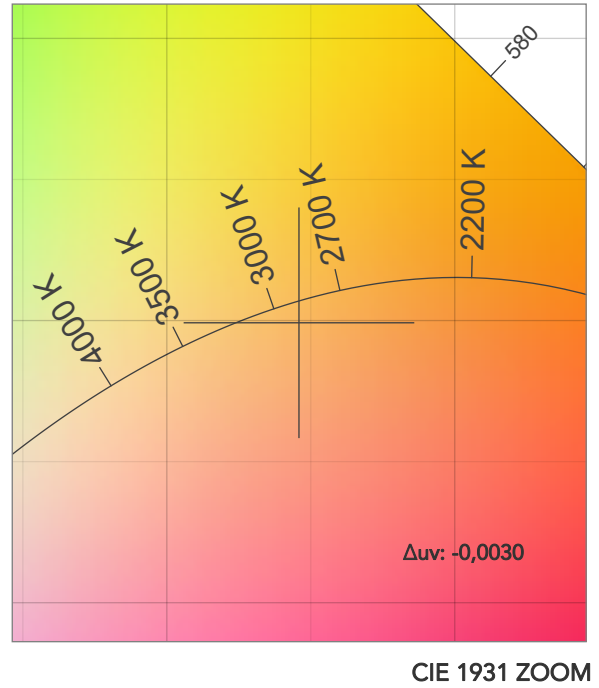
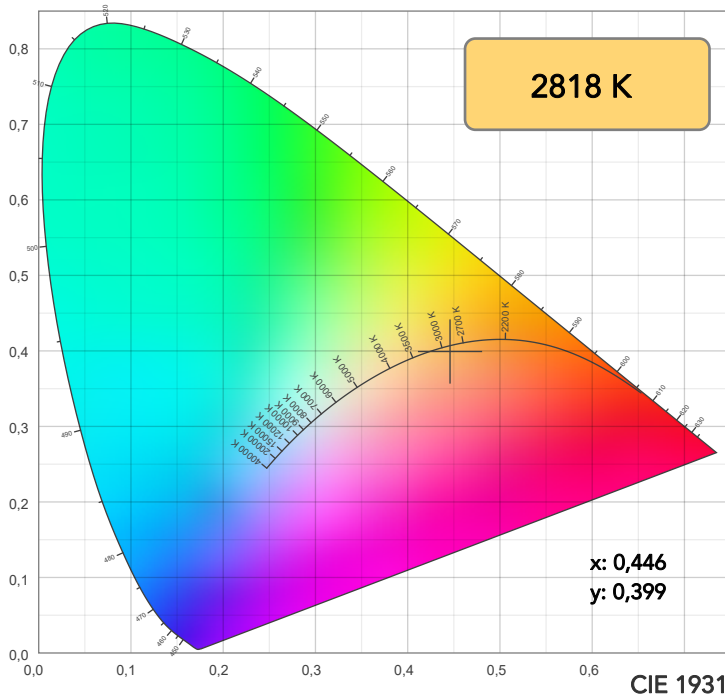
Field angle 10%: 14,8°

Cut off angle 2.5%: 18,8°

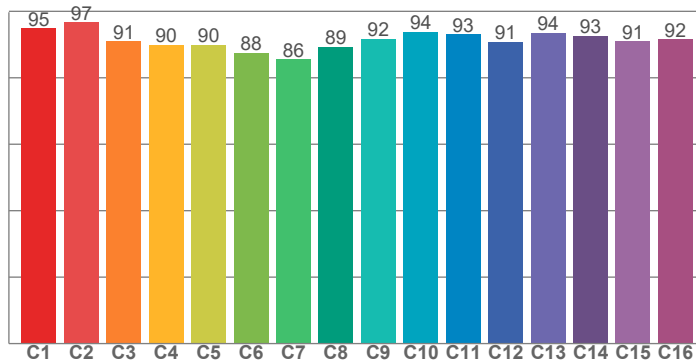
Spectra



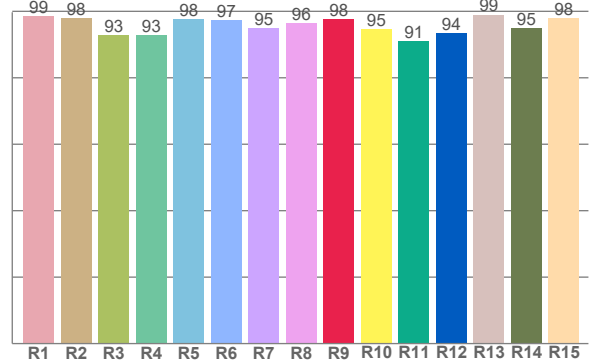
COLOR DETAILS



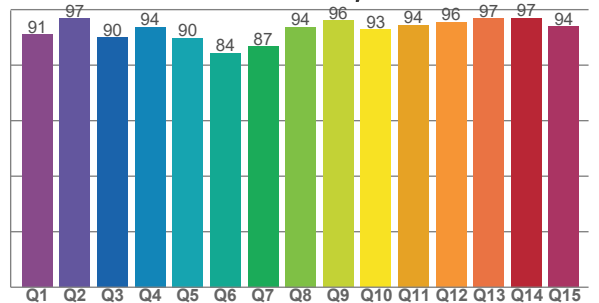
TM30: 91,8



CRI: 96,1 (R1-R8)



CQS: 91,7



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,6	98,0	92,8	92,7	97,6	97,4	94,9	96,4	97,7	94,5	91,1	93,5	99,0	95,0	98,0

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

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,8	96,7	90,9	90,0	89,9	87,6	85,5	89,3	91,7	93,9	93,0	90,8	93,5	92,7	91,1	91,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91,0	96,8	89,9	93,7	89,9	84,4	86,8	93,8	96,0	92,8	94,4	95,5	96,7	97,0	94,0

COLOR PARAMETERS

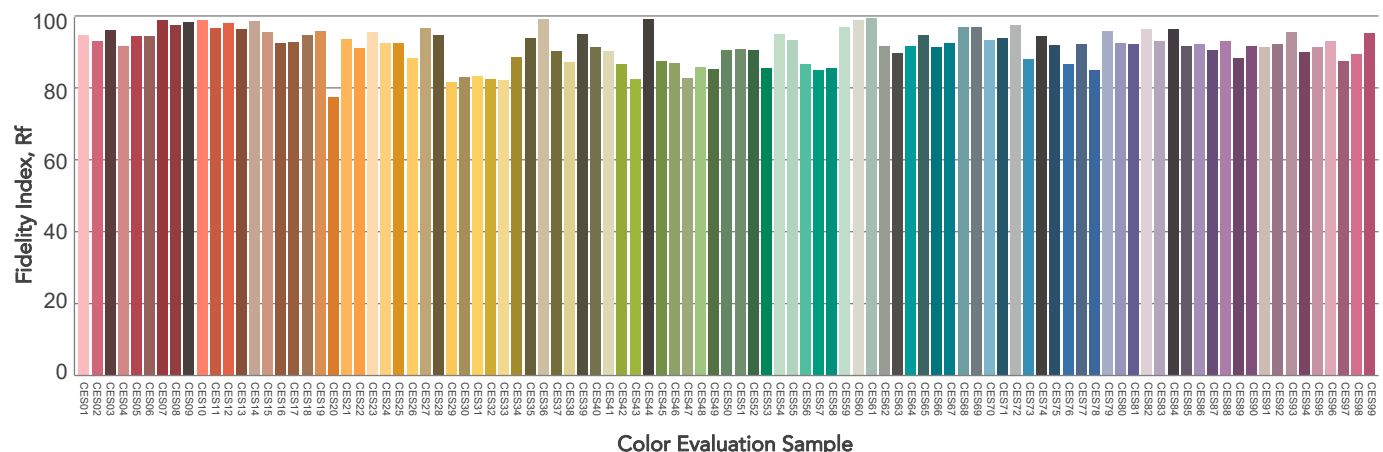
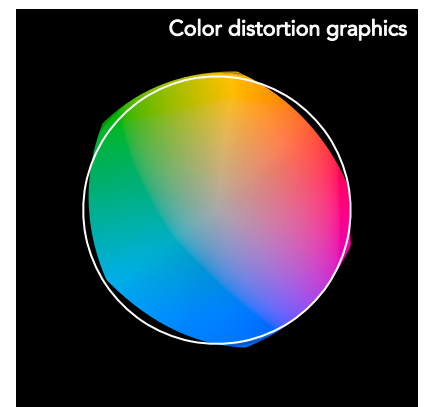
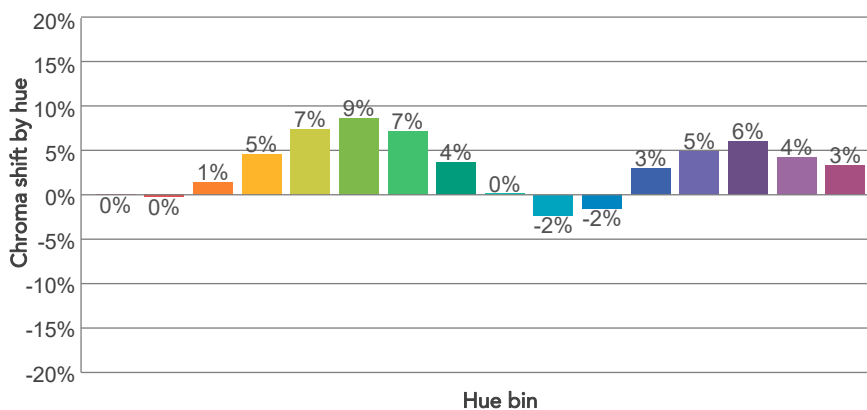
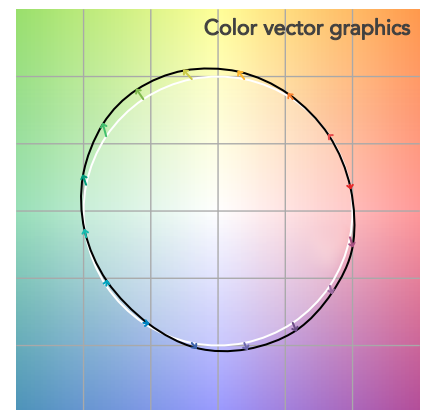
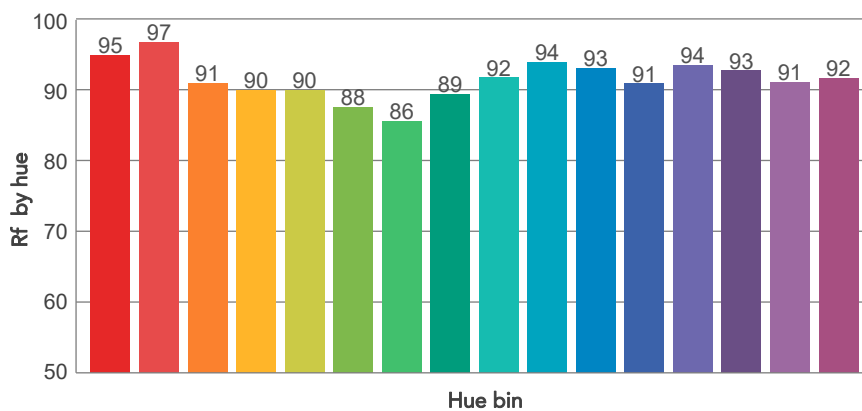
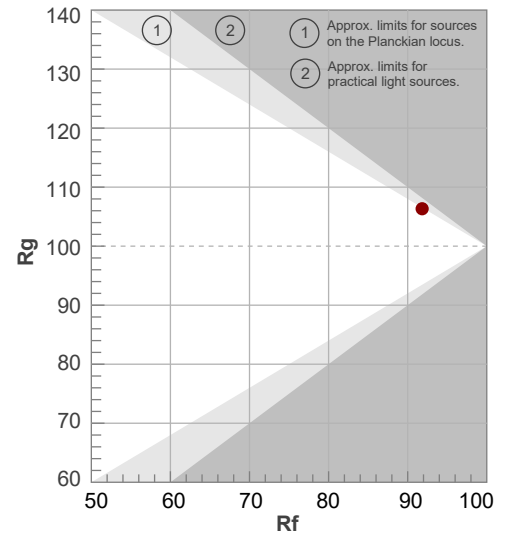
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2818 K	96,1	97,7	91,8	106,3	91,7	90	0,446	0,399	-0,0030

TM30 DETAILS

Rf 91,8
Fidelity index Rf

Rg 106,3
Gammut index

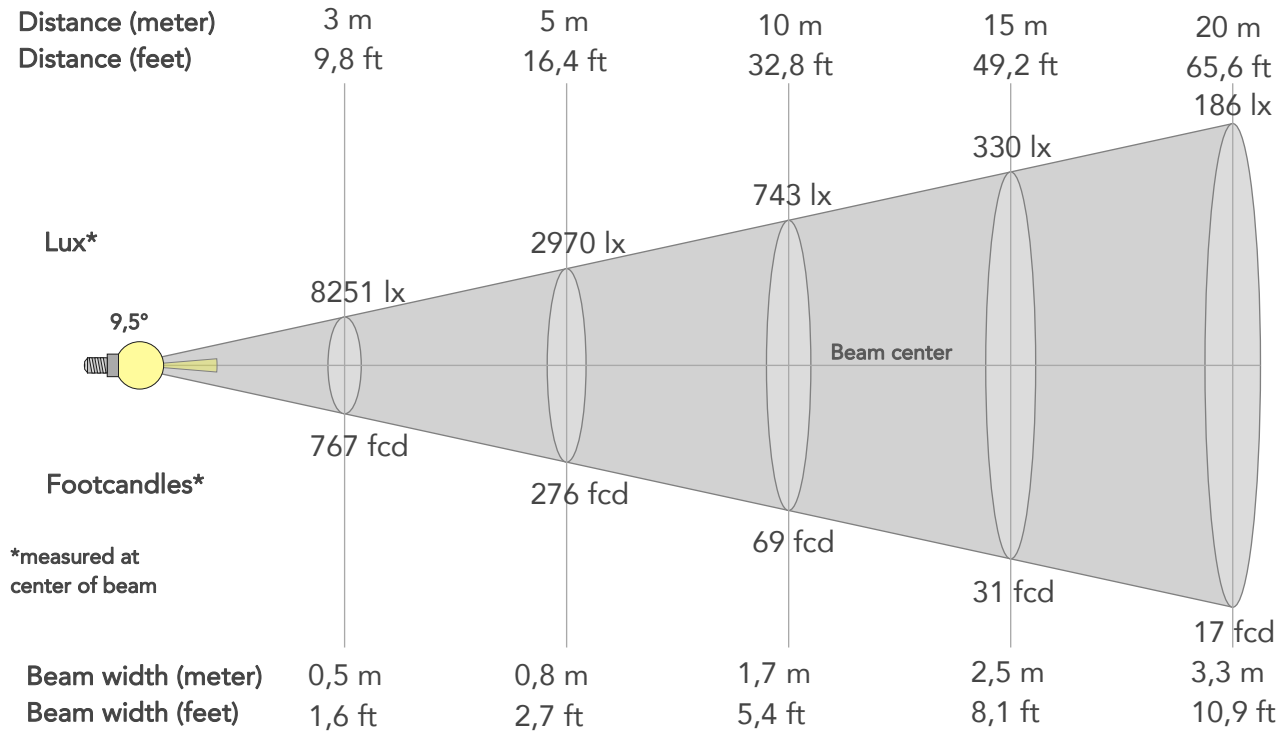
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-2%
2	97	0%	1%
3	91	1%	5%
4	90	5%	5%
5	90	7%	4%
6	88	9%	0%
7	86	7%	-6%
8	89	4%	-6%
9	92	0%	-5%
10	94	-2%	-3%
11	93	-2%	3%
12	91	3%	4%
13	94	5%	1%
14	93	6%	-1%
15	91	4%	-4%
16	92	3%	-6%



BEAM DETAILS



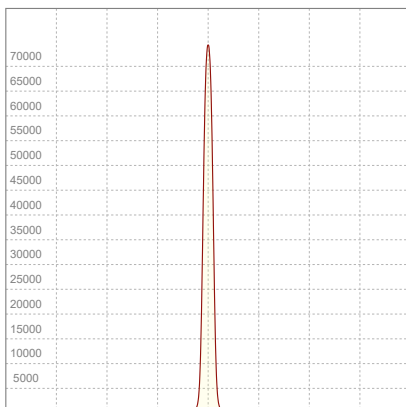
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,5°	14,8°	18,8°	99,7%	98,7%



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	74261lx	18565lx	8251lx	4641lx	2970lx	1320lx	743lx	330lx	186lx	119lx	83lx	46lx	30lx
Footcand.	6899fcd	1725fcd	767fcd	431fcd	276fcd	123fcd	69fcd	31fcd	17fcd	11fcd	8fcd	4fcd	3fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,8m	1,2m	1,7m	2,5m	3,3m	4,1m	5m	6,6m	8,3m
Beam wid.	0,5ft	1,1ft	1,6ft	2,2ft	2,7ft	4,1ft	5,4ft	8,1ft	10,9ft	13,6ft	16,3ft	21,7ft	27,2ft

LINEAR DISTRIBUTION DIAGRAM

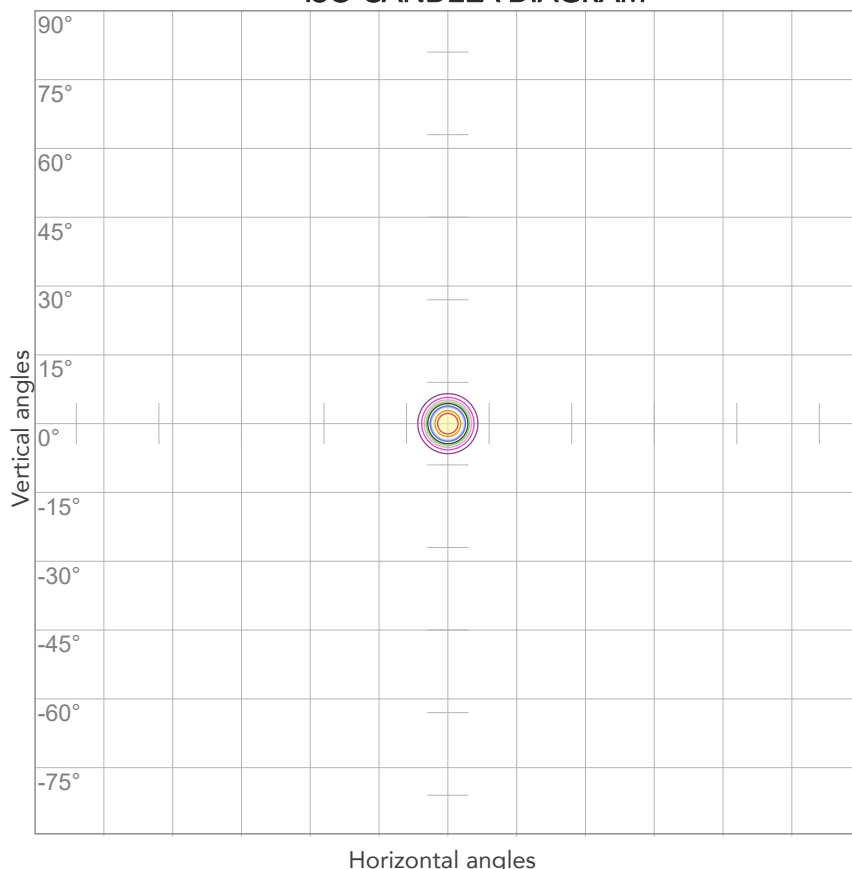


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
225V	0,434A	95,6W	0,98	22lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



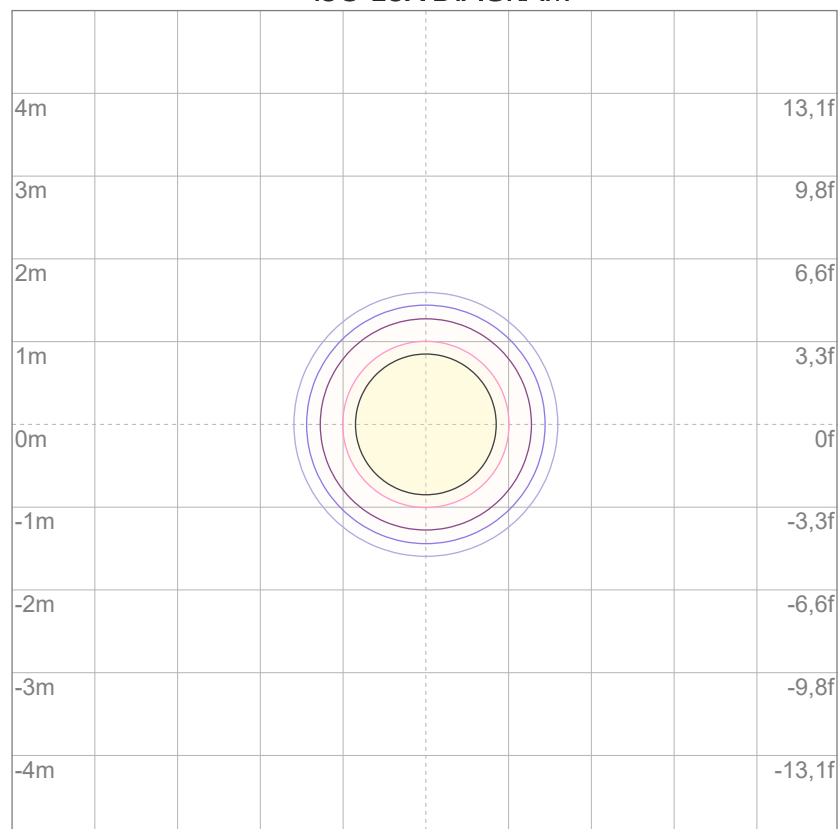
10%	7426 cd
20%	14852 cd
30%	22278 cd
40%	29705 cd
50%	37131 cd
60%	44557 cd
70%	51983 cd
80%	59409 cd

Conditions:

Number of c-planes: 2

Candela at center: 74261 cd

ISO LUX DIAGRAM



3%	22,3 lx
5%	37,1 lx
10%	74,3 lx
30%	223 lx
50%	371 lx

Conditions:

Number of c-planes: 2

Lux at center: 743 lx

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



Total lumen output:

5145 lm

Peak candela output:

9620 cd

Light quality:

CRI: 95,2

Color temperature:

3191 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

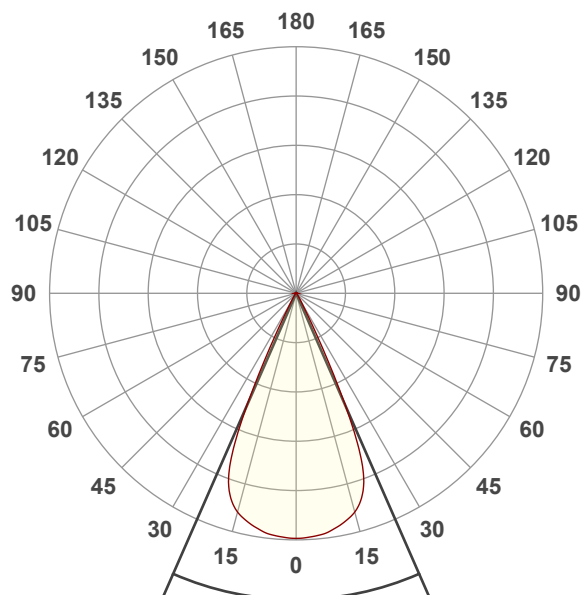
3200K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 17:02:01

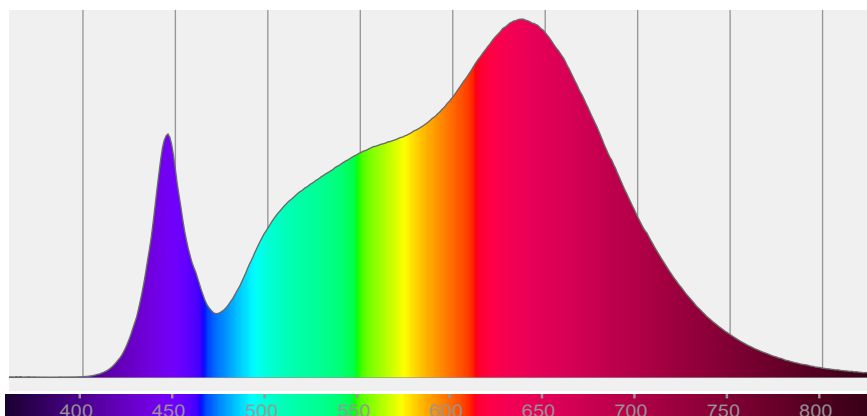


Beam angle 50%: 47,3°

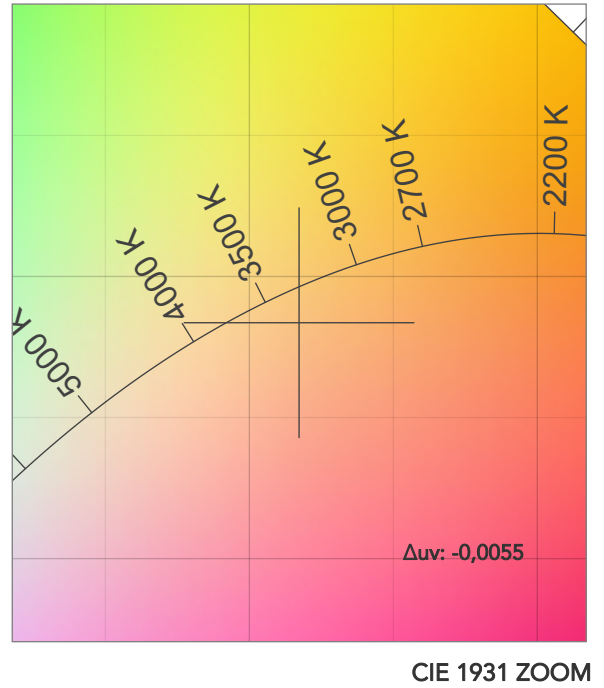
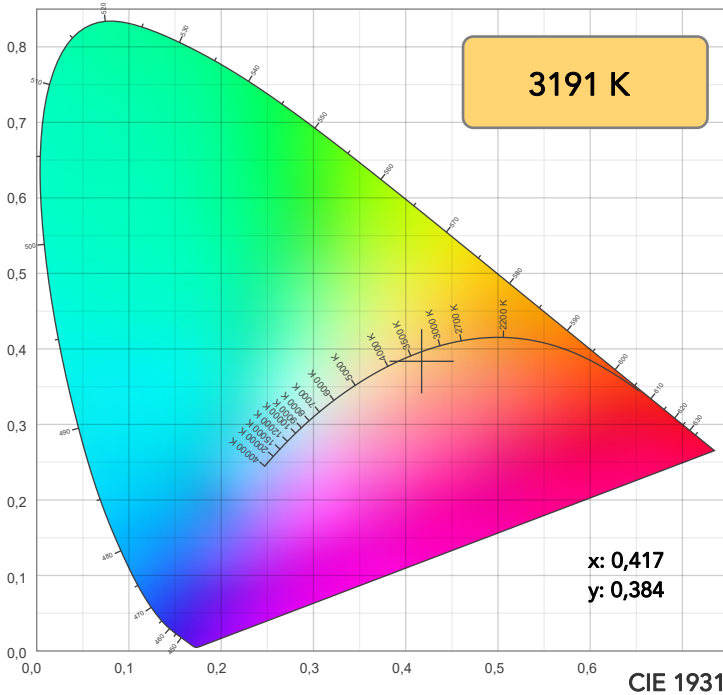
Field angle 10%: 55,8°

Cut off angle 2.5%: 66,9°

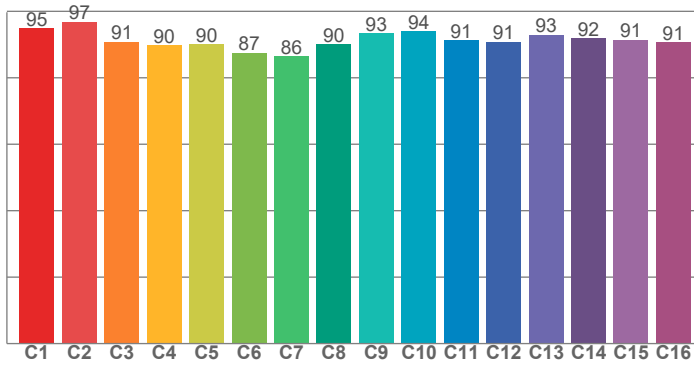
Spectra



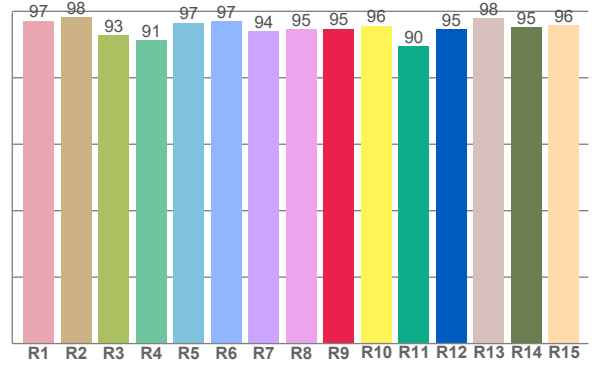
COLOR DETAILS



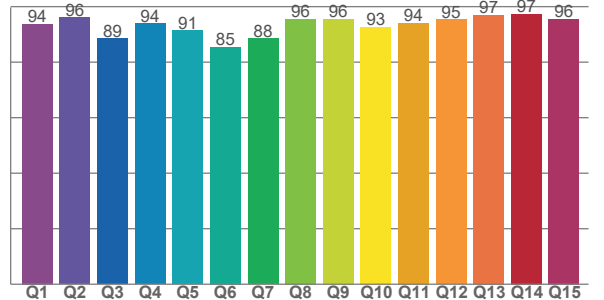
TM30: 91,8



CRI: 95,2 (R1-R8)



CQS: 92,4



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,2	98,1	92,8	91,2	96,6	97,0	94,0	94,7	94,8	95,7	89,6	94,5	97,8	95,1	95,8

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
94,9	96,9	90,8	89,8	90,0	87,5	86,4	90,0	93,4	93,9	91,3	90,8	92,9	92,0	91,5	90,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,8	96,1	88,6	93,9	91,4	85,5	88,4	95,6	95,5	92,6	94,2	95,4	97,0	97,3	95,5

COLOR PARAMETERS

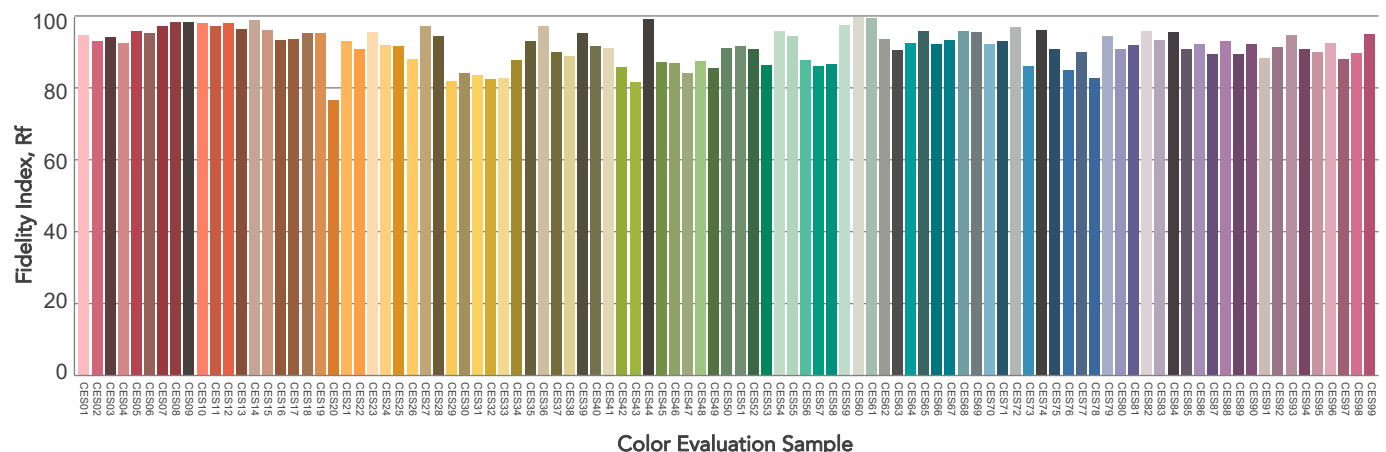
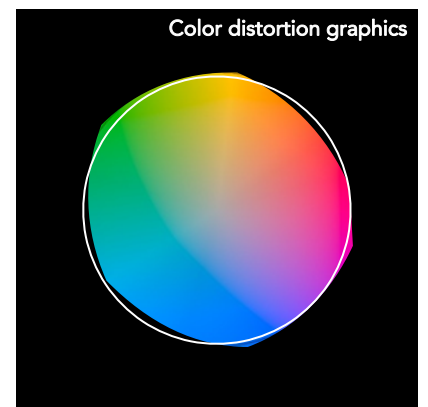
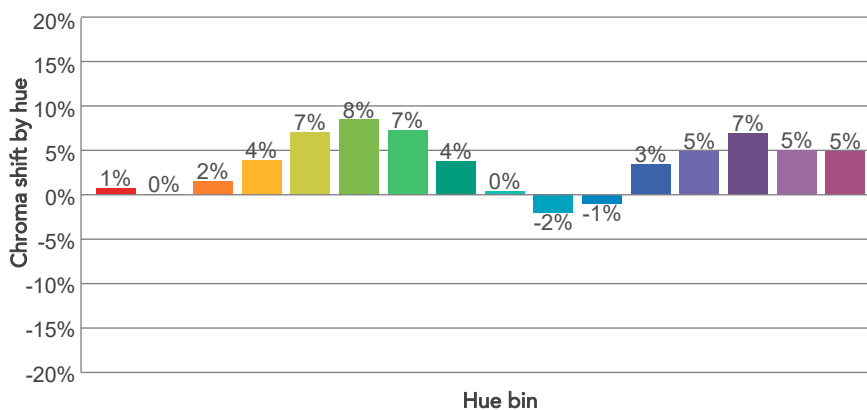
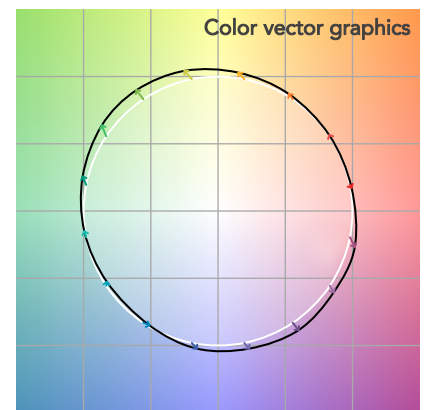
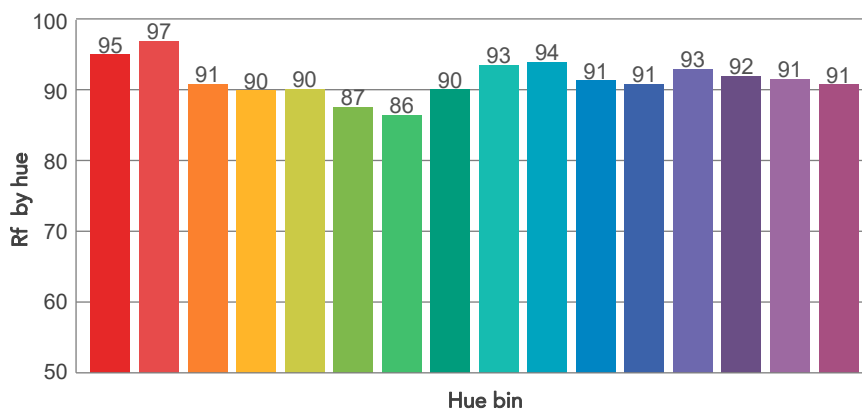
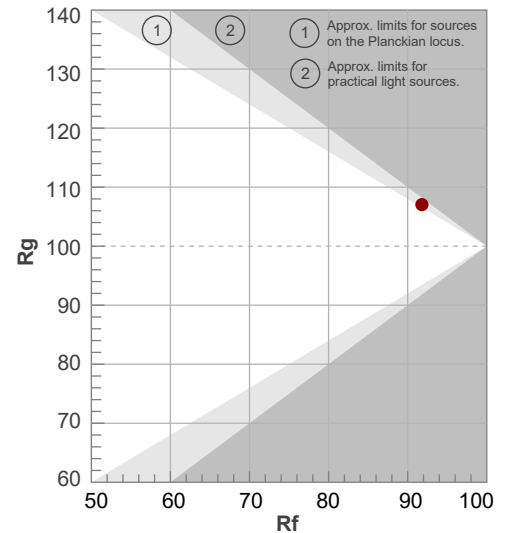
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3191 K	95,2	94,8	91,8	107,0	92,4	92	0,417	0,384	-0,0055

TM30 DETAILS

Rf 91,8
Fidelity index Rf

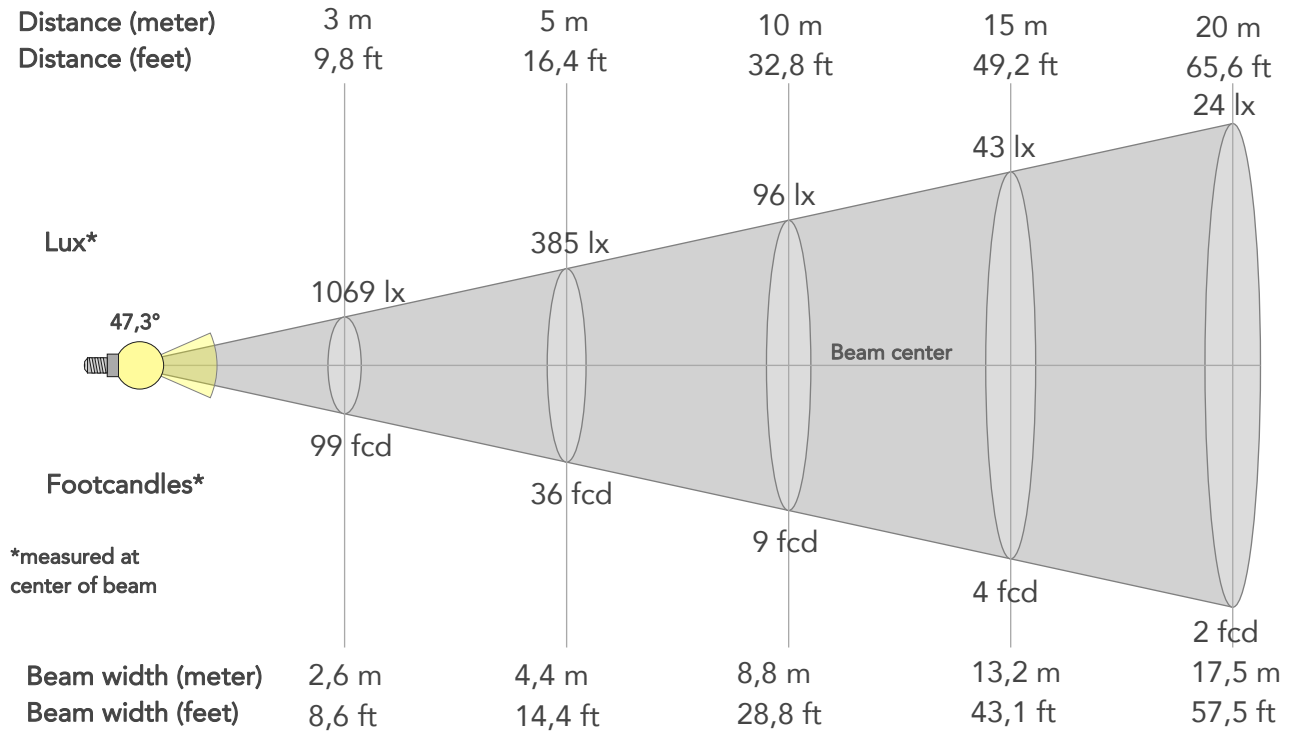
Rg 107,0
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	-2%
2	97	0%	1%
3	91	2%	5%
4	90	4%	5%
5	90	7%	4%
6	87	8%	1%
7	86	7%	-5%
8	90	4%	-5%
9	93	0%	-5%
10	94	-2%	-2%
11	91	-1%	5%
12	91	3%	5%
13	93	5%	3%
14	92	7%	1%
15	91	5%	-2%
16	91	5%	-6%



BEAM DETAILS

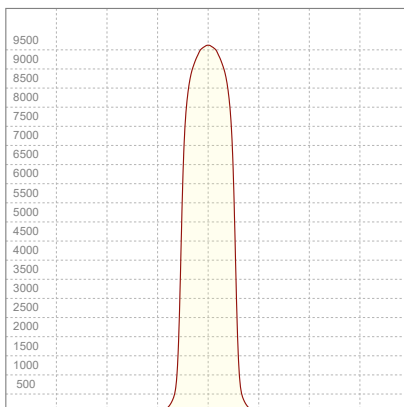
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,3°	55,8°	66,9°	99,6%	98,7%



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	9620lx	2405lx	1069lx	601lx	385lx	171lx	96lx	43lx	24lx	15lx	11lx	6lx	4lx
Footcand.	894fcd	223fcd	99fcd	56fcd	36fcd	16fcd	9fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,2m	17,5m	21,9m	26,3m	35,1m	43,8m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,4ft	21,6ft	28,8ft	43,1ft	57,5ft	71,9ft	86,3ft	115ft	143,8ft

LINEAR DISTRIBUTION DIAGRAM

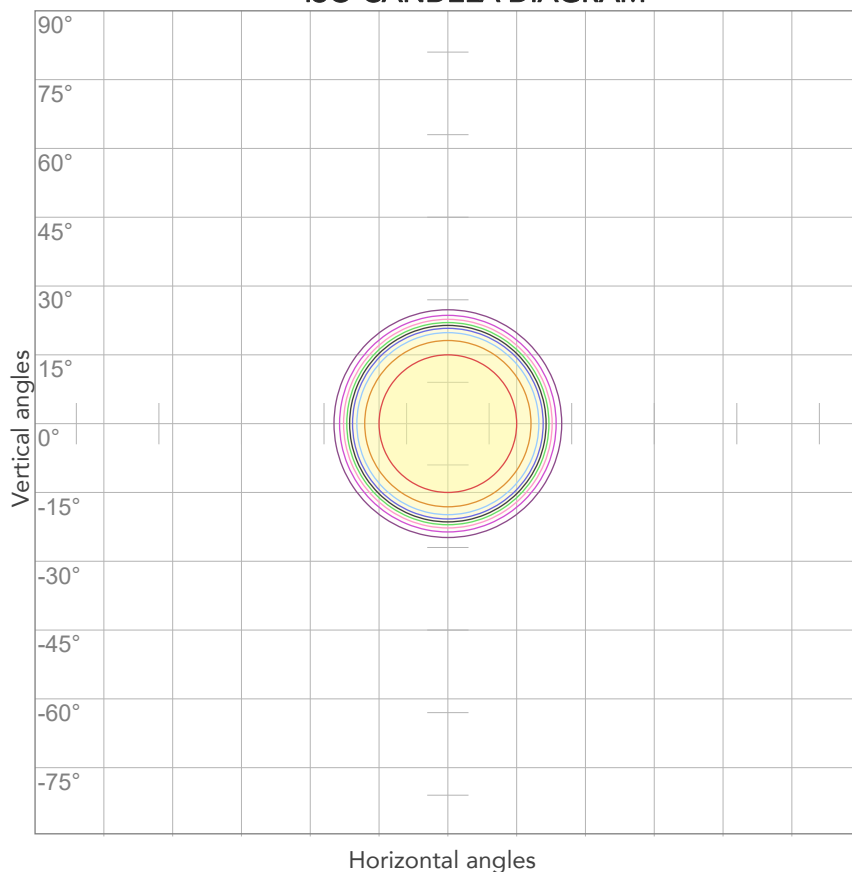


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,521A	116,1W	0,99	44lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



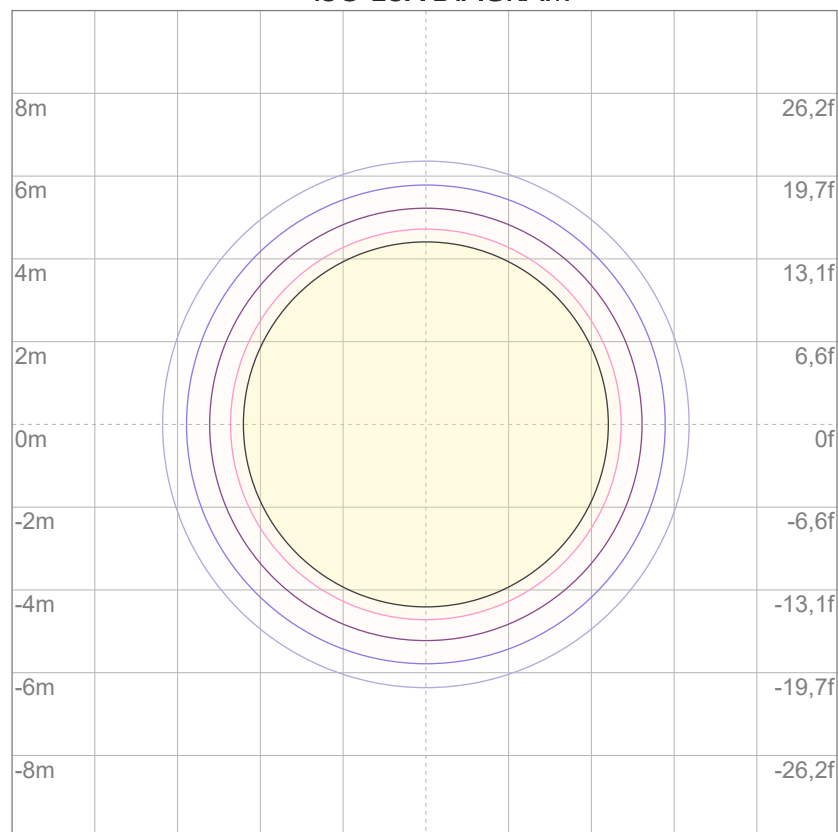
10%	962 cd
20%	1924 cd
30%	2886 cd
40%	3848 cd
50%	4810 cd
60%	5772 cd
70%	6734 cd
80%	7696 cd

Conditions:

Number of c-planes: 2

Candela at center: 9620 cd

ISO LUX DIAGRAM



3%	2,89 lx
5%	4,81 lx
10%	9,62 lx
30%	28,9 lx
50%	48,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 96,2 lx

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



Total lumen output:

4309 lm

Peak candela output:

30329 cd

Light quality:

CRI: 95,2

Color temperature:

3185 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

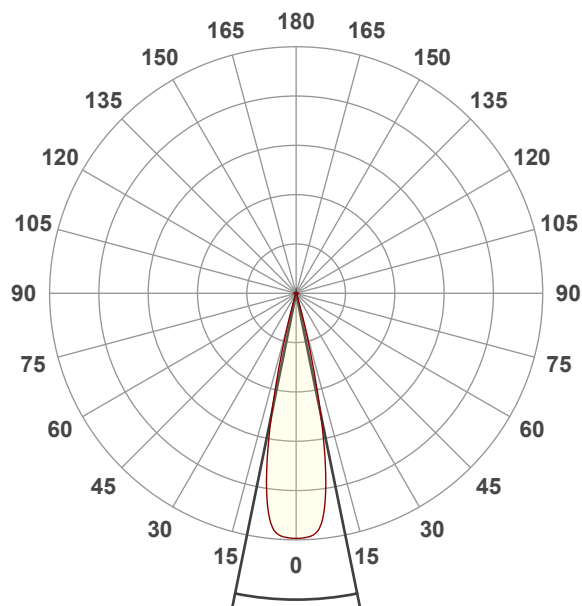
3200K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 15:55:19

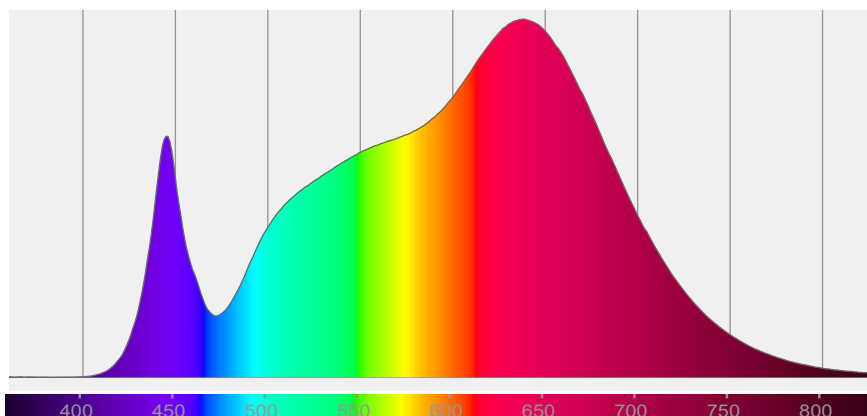


Beam angle 50%: 23°

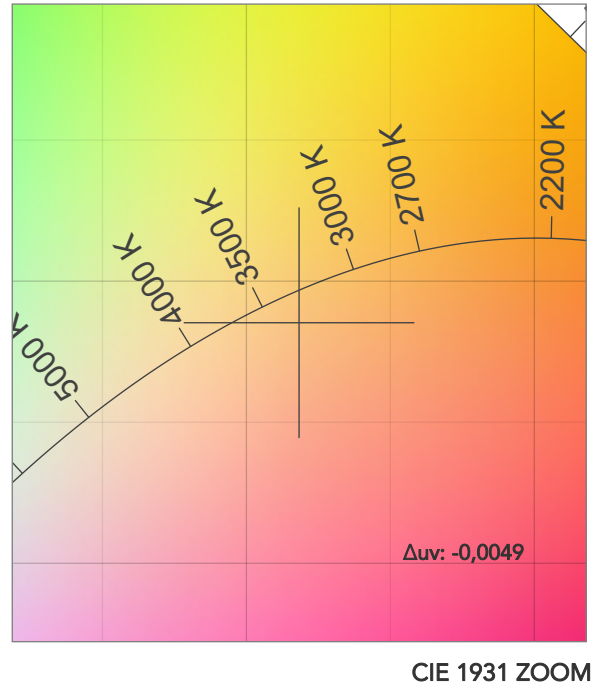
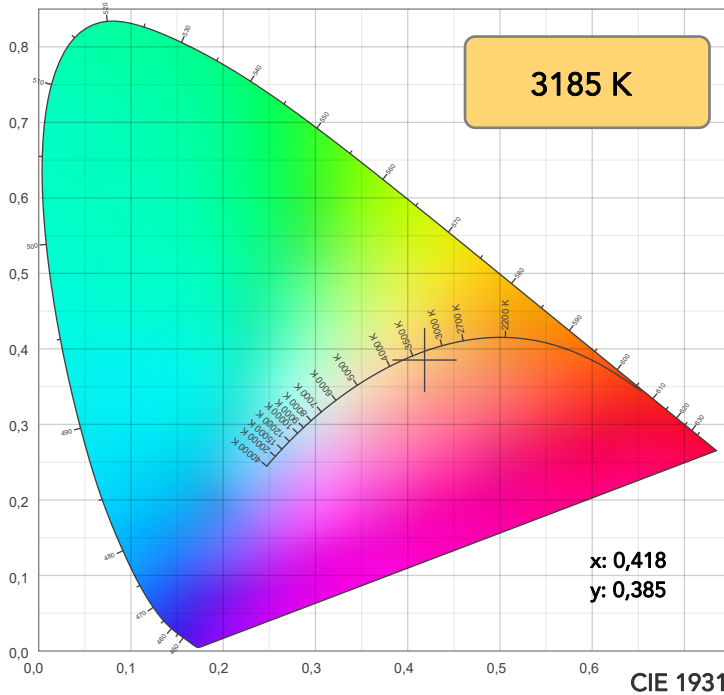
Field angle 10%: 30,9°

Cut off angle 2.5%: 36,8°

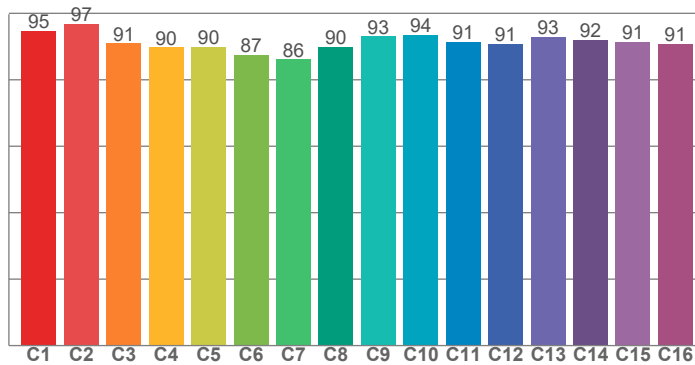
Spectra



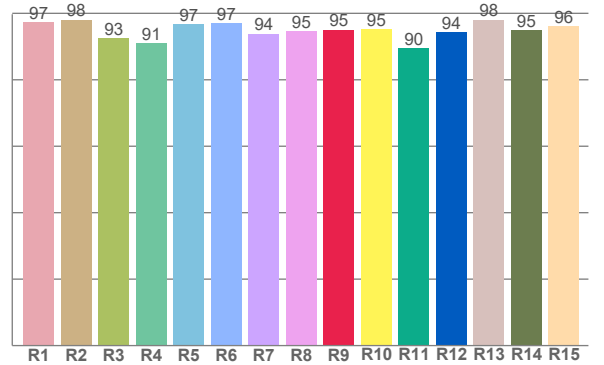
COLOR DETAILS



TM30: 91,8



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
97,4	98,1	92,5	91,1	96,7	97,1	93,9	94,6	95,1	95,3	89,6	94,2	98,1	95,0	96,1

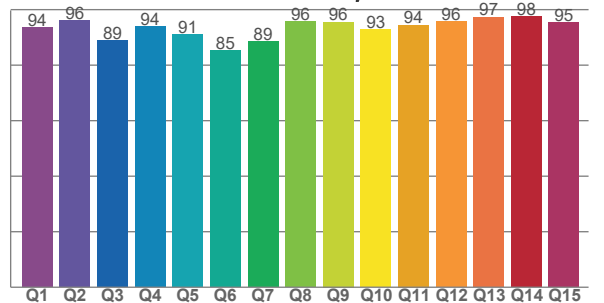
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,8	96,9	91,0	89,8	90,0	87,5	86,2	89,9	93,1	93,6	91,4	90,9	92,9	92,1	91,5	90,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93,6	96,1	88,9	94,0	91,0	85,2	88,6	95,8	95,5	92,8	94,4	95,7	97,3	97,5	95,3

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
3185 K	95,2	95,1	91,8	107,0	92,4	92	0,418	0,385	-0,0049

TM30 DETAILS

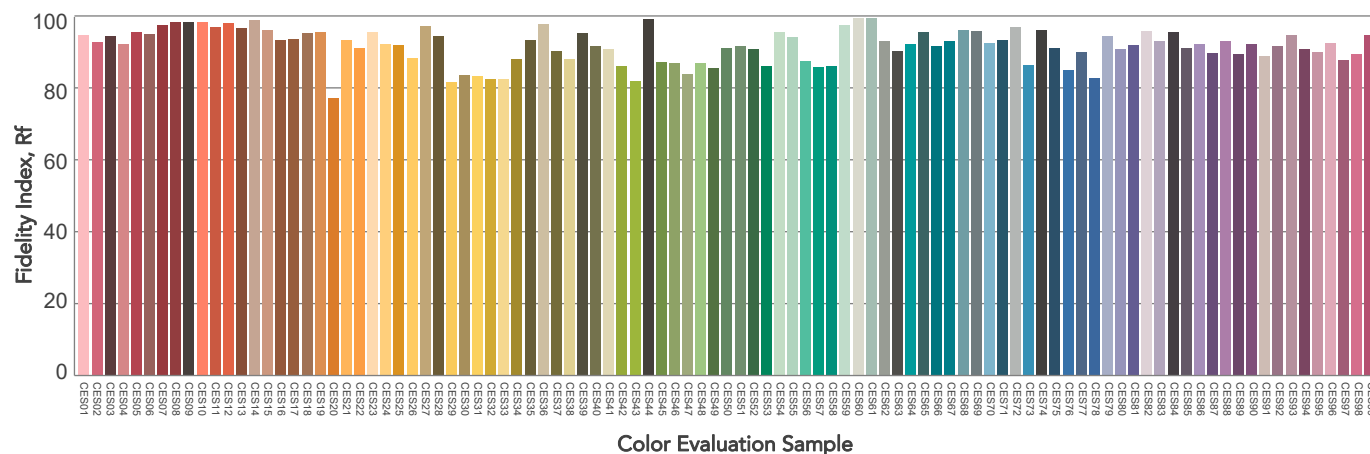
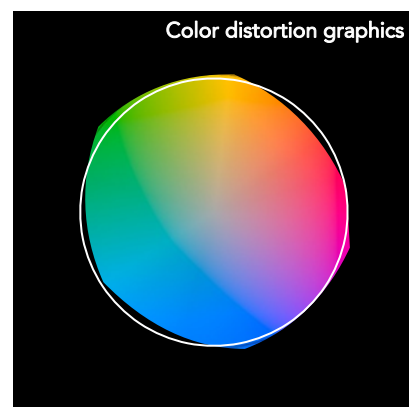
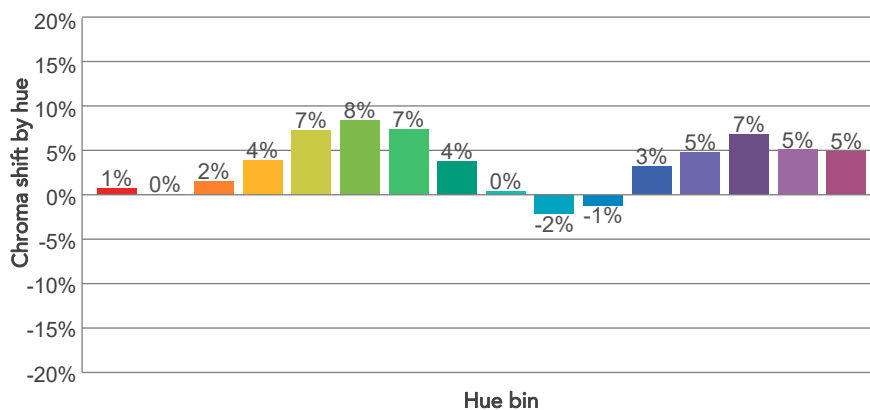
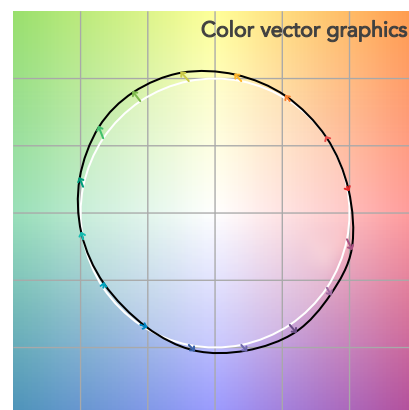
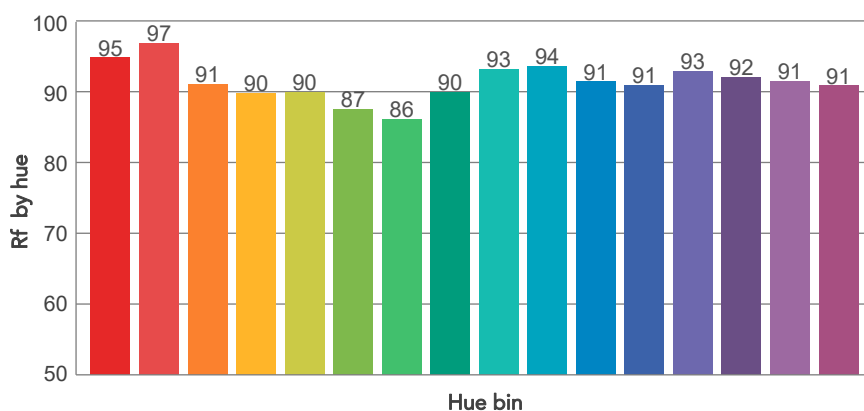
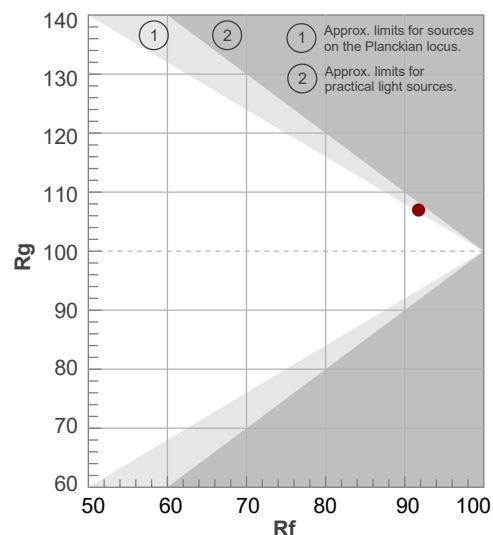
Rf 91,8

Fidelity index Rf

Rg 107,0

Gammut index

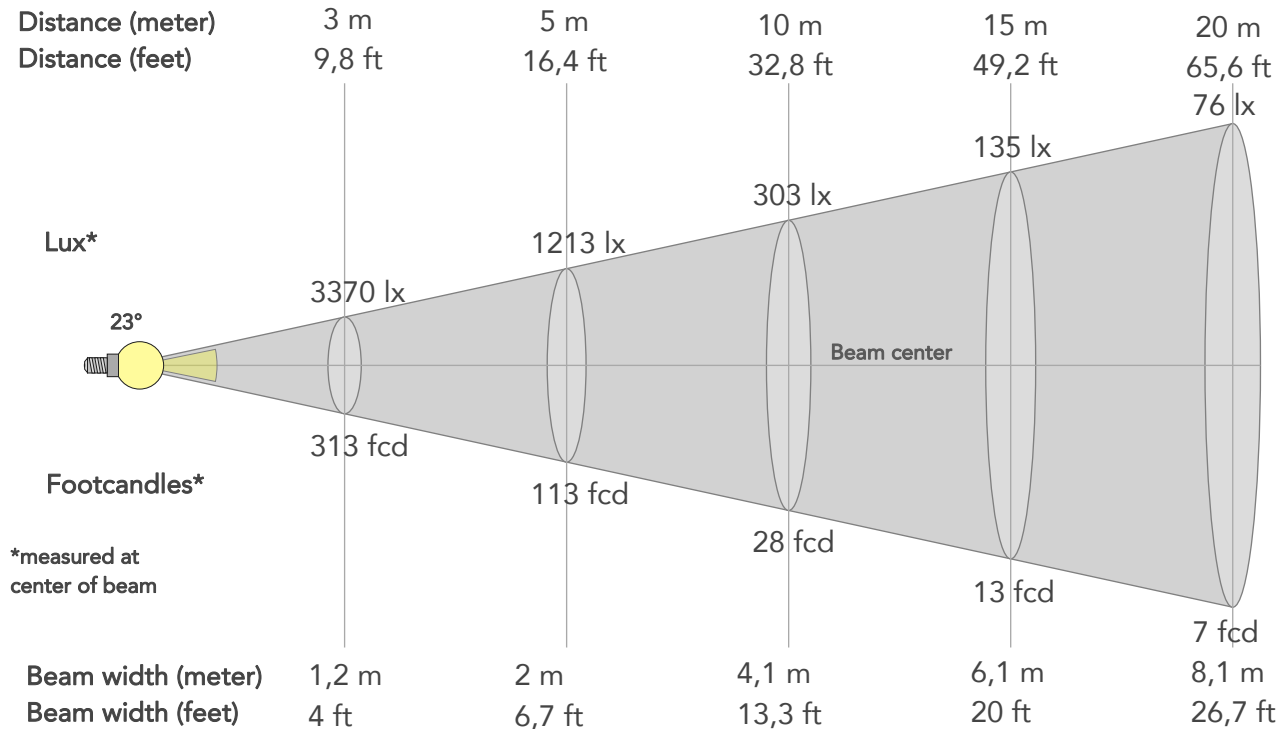
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	-2%
2	97	0%	1%
3	91	2%	4%
4	90	4%	5%
5	90	7%	4%
6	87	8%	1%
7	86	7%	-5%
8	90	4%	-6%
9	93	0%	-5%
10	94	-2%	-2%
11	91	-1%	5%
12	91	3%	5%
13	93	5%	3%
14	92	7%	1%
15	91	5%	-3%
16	91	5%	-6%



BEAM DETAILS



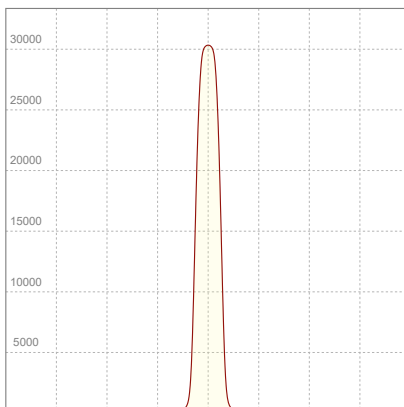
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23°	30,9°	36,8°	99,4%	98,5%



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	30329lx	7582lx	3370lx	1896lx	1213lx	539lx	303lx	135lx	76lx	49lx	34lx	19lx	12lx
Footcand.	2818fcd	704fcd	313fcd	176fcd	113fcd	50fcd	28fcd	13fcd	7fcd	5fcd	3fcd	2fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3,1m	4,1m	6,1m	8,1m	10,2m	12,2m	16,3m	20,3m
Beam wid.	1,3ft	2,7ft	4ft	5,3ft	6,7ft	10ft	13,3ft	20ft	26,7ft	33,3ft	40ft	53,4ft	66,7ft

LINEAR DISTRIBUTION DIAGRAM

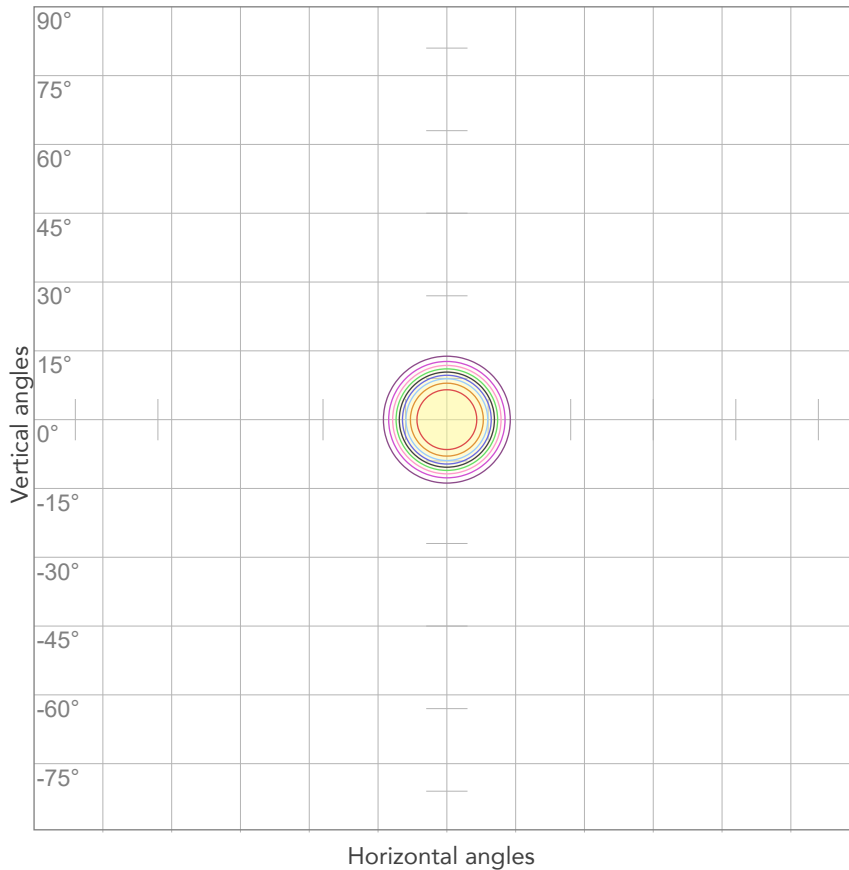


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
225V	0,516A	114,4W	0,99	38lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



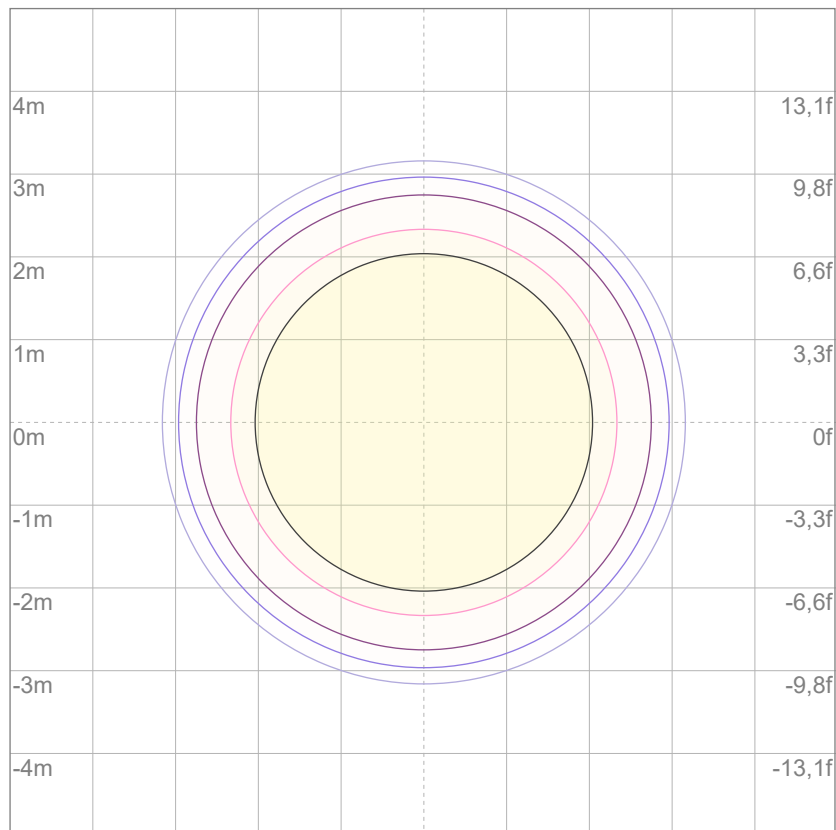
10%	3033 cd
20%	6066 cd
30%	9099 cd
40%	12131 cd
50%	15164 cd
60%	18197 cd
70%	21230 cd
80%	24263 cd

Conditions:

Number of c-planes: 2

Candela at center: 30329 cd

ISO LUX DIAGRAM



3%	9,10 lx
5%	15,2 lx
10%	30,3 lx
30%	91,0 lx
50%	152 lx

Conditions:

Number of c-planes: 2

Lux at center: 303 lx

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



Total lumen output:

2658 lm

Peak candela output:

91092 cd

Light quality:

CRI: 95,1

Color temperature:

3224 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

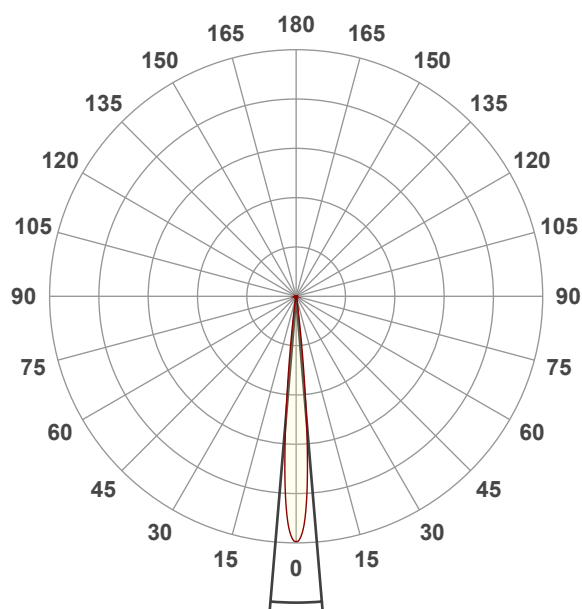
3200K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 14:49:17

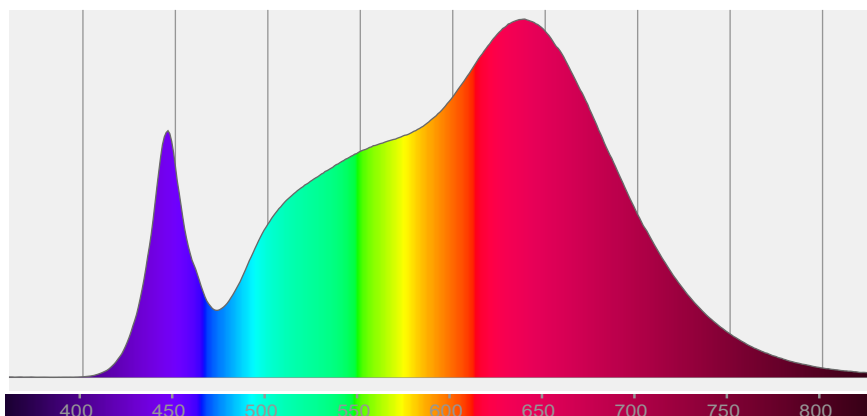


Beam angle 50%: 9,6°

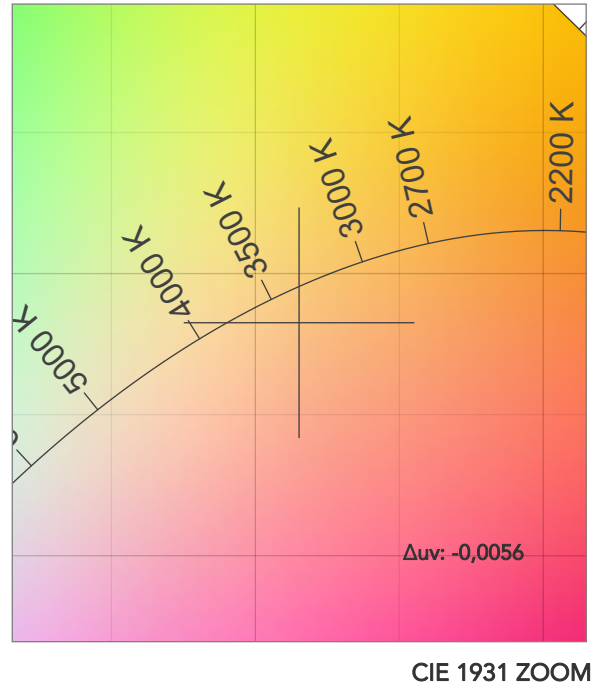
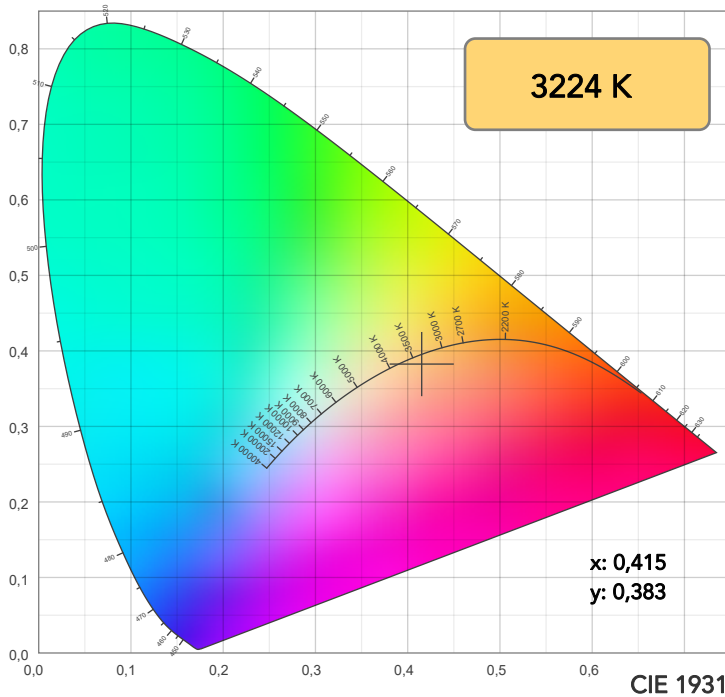
Field angle 10%: 14,9°

Cut off angle 2.5%: 18,9°

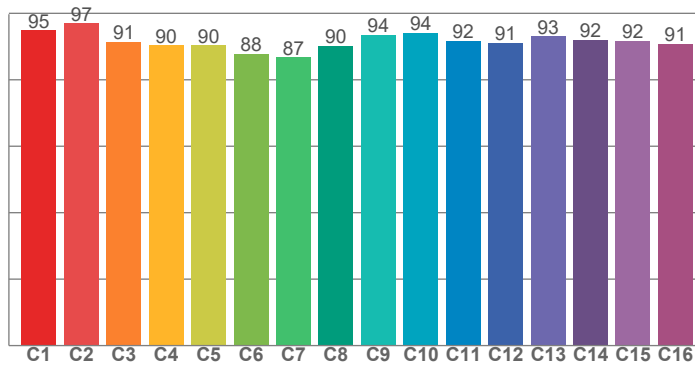
Spectra



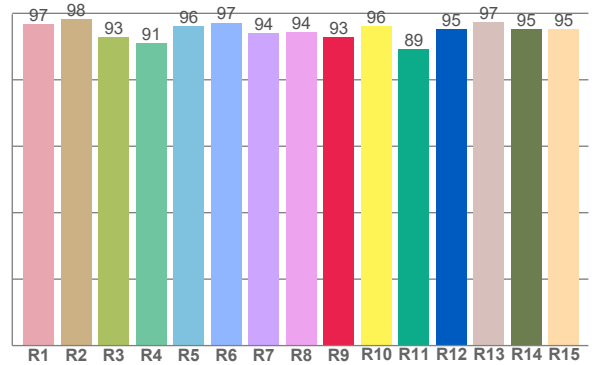
COLOR DETAILS



TM30: 92,0



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
96,7	98,3	92,9	91,0	96,2	97,2	94,1	94,3	92,9	96,2	89,1	95,3	97,4	95,2	95,3

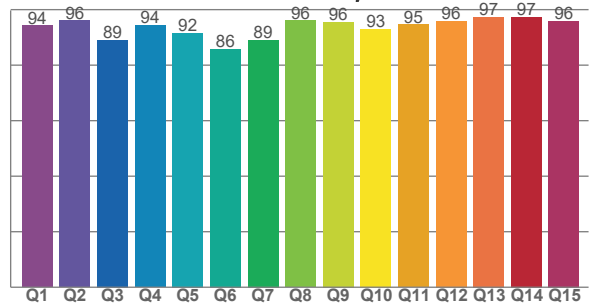
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,9	96,9	91,4	90,4	90,3	87,8	86,9	90,2	93,6	94,2	91,7	91,1	93,1	92,1	91,7	90,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94,4	96,1	89,0	94,4	91,6	85,8	89,0	96,1	95,5	93,0	94,6	95,9	97,4	97,3	95,9

CQS: 92,8



COLOR PARAMETERS

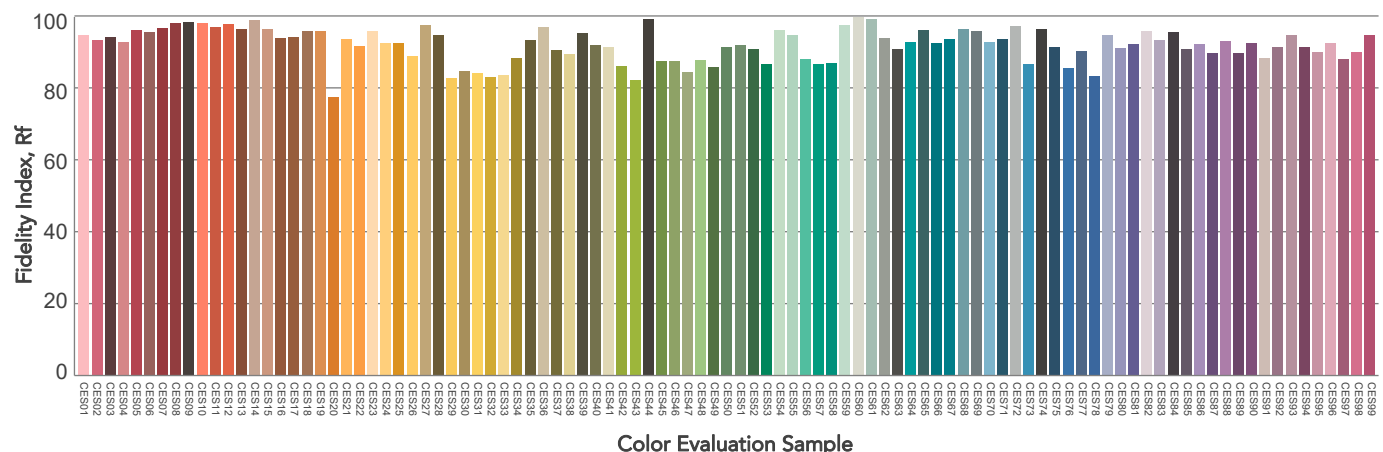
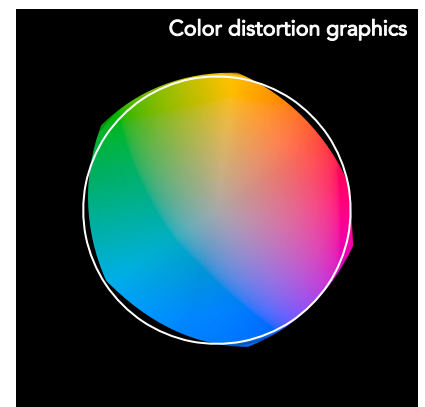
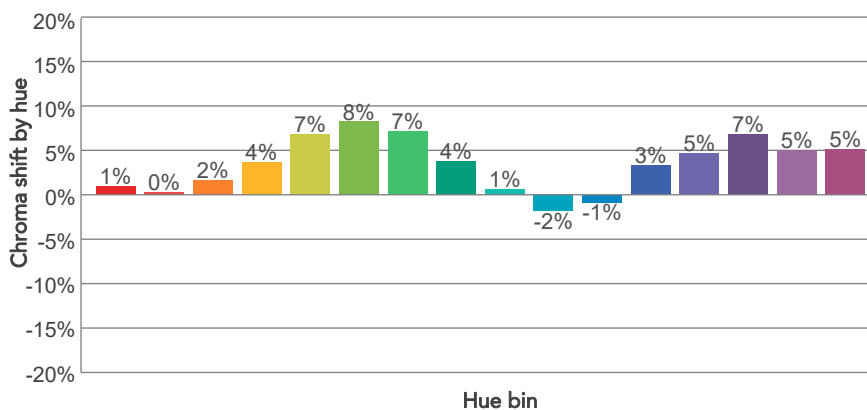
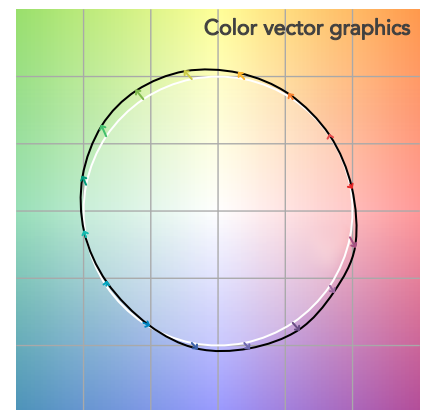
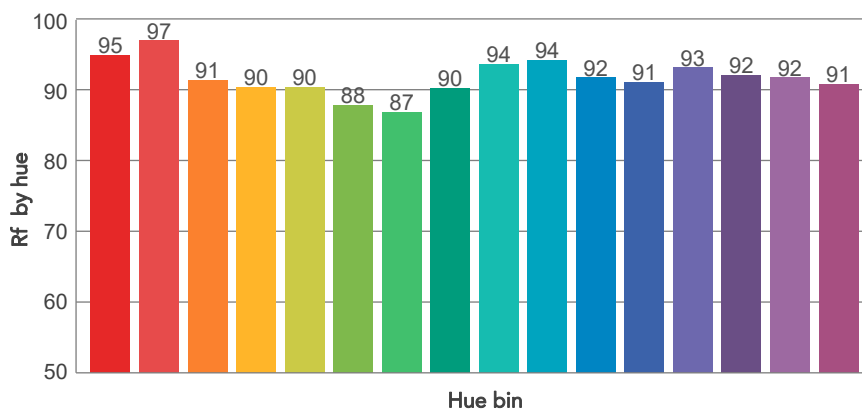
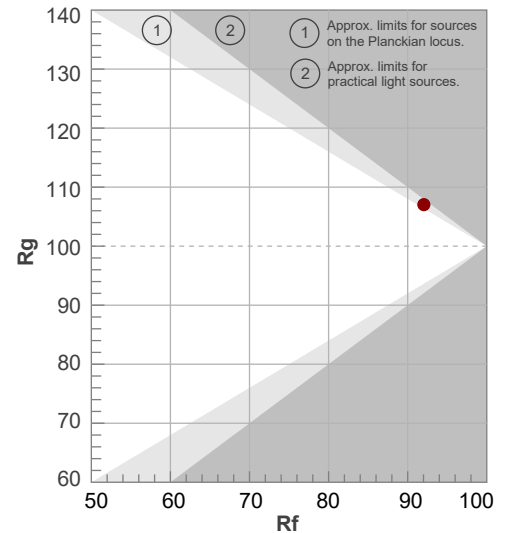
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3224 K	95,1	92,9	92,0	107,0	92,8	92	0,415	0,383	-0,0056

TM30 DETAILS

Rf 92,0
Fidelity index Rf

Rg 107,0
Gammut index

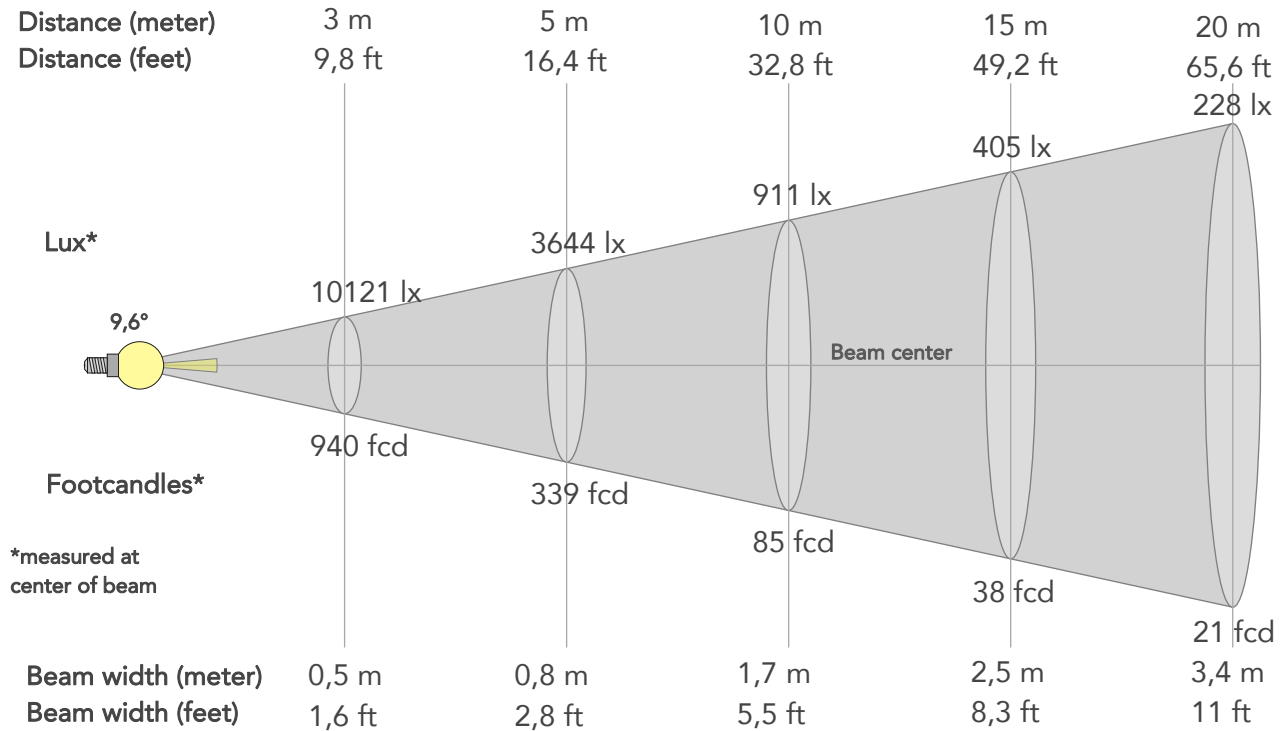
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	-2%
2	97	0%	1%
3	91	2%	4%
4	90	4%	5%
5	90	7%	4%
6	88	8%	1%
7	87	7%	-5%
8	90	4%	-5%
9	94	1%	-4%
10	94	-2%	-2%
11	92	-1%	4%
12	91	3%	4%
13	93	5%	3%
14	92	7%	1%
15	92	5%	-2%
16	91	5%	-6%



BEAM DETAILS



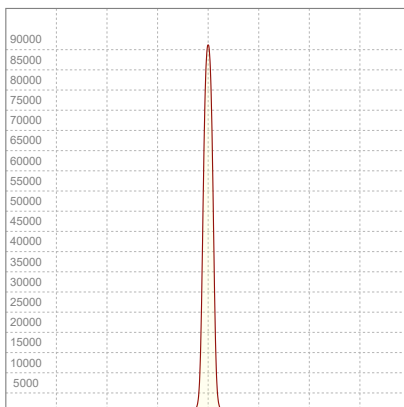
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,6°	14,9°	18,9°	99,7%	98,7%



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	91092lx	22773lx	10121lx	5693lx	3644lx	1619lx	911lx	405lx	228lx	146lx	101lx	57lx	36lx
Footcand.	8463fcd	2116fcd	940fcd	529fcd	339fcd	150fcd	85fcd	38fcd	21fcd	14fcd	9fcd	5fcd	3fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,8m	1,3m	1,7m	2,5m	3,4m	4,2m	5m	6,7m	8,4m
Beam wid.	0,6ft	1,1ft	1,6ft	2,2ft	2,8ft	4,1ft	5,5ft	8,3ft	11ft	13,8ft	16,6ft	22,1ft	27,6ft

LINEAR DISTRIBUTION DIAGRAM

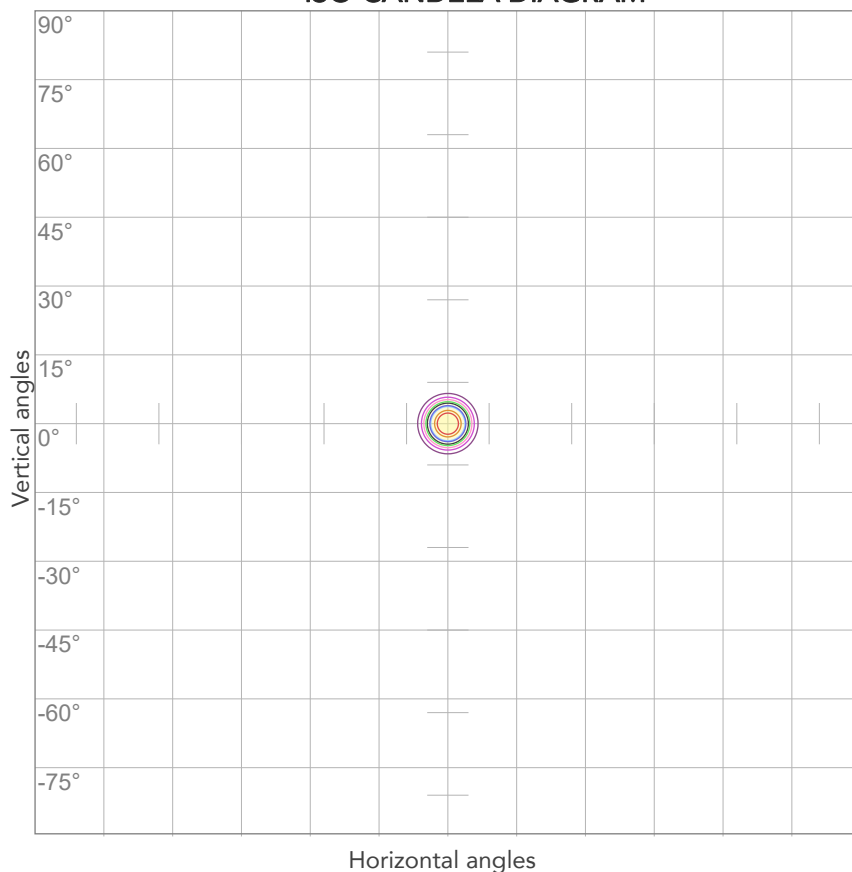


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
225V	0,507A	112,6W	0,99	24lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



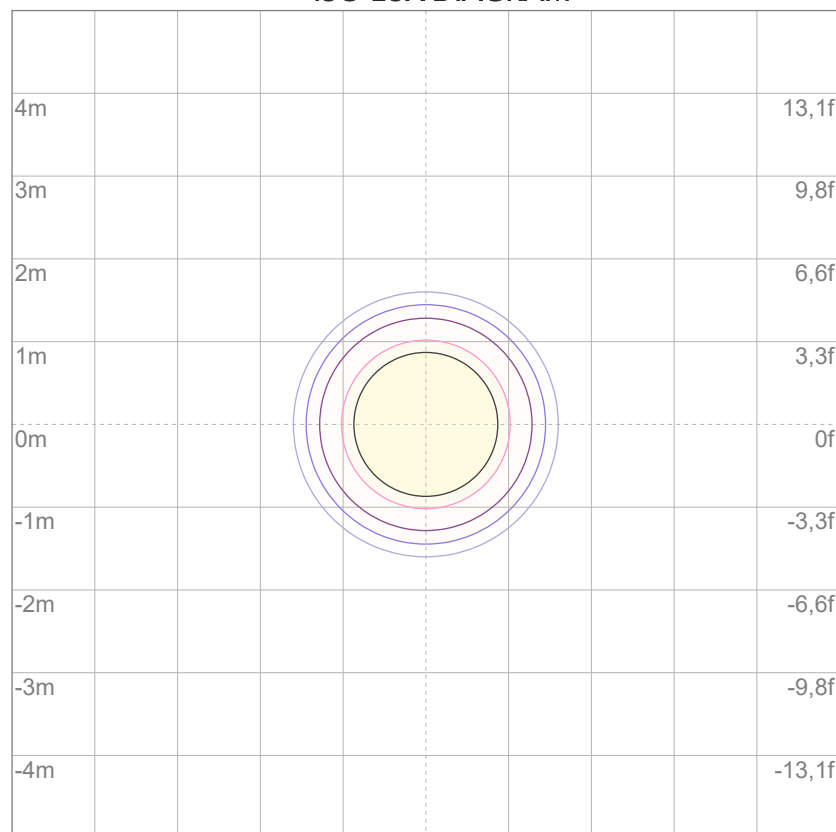
10%	9109 cd
20%	18218 cd
30%	27328 cd
40%	36437 cd
50%	45546 cd
60%	54655 cd
70%	63765 cd
80%	72874 cd

Conditions:

Number of c-planes: 2

Candela at center: 91092 cd

ISO LUX DIAGRAM



3%	27,3 lx
5%	45,5 lx
10%	91,1 lx
30%	273 lx
50%	455 lx

Conditions:

Number of c-planes: 2

Lux at center: 911 lx

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



Total lumen output:

5918 lm

Peak candela output:

11027 cd

Light quality:

CRI: 94,4

Color temperature:

3962 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

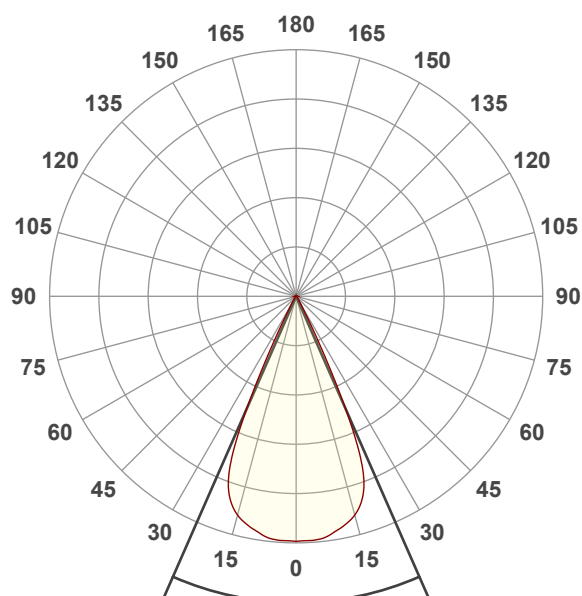
4000K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 17:06:20

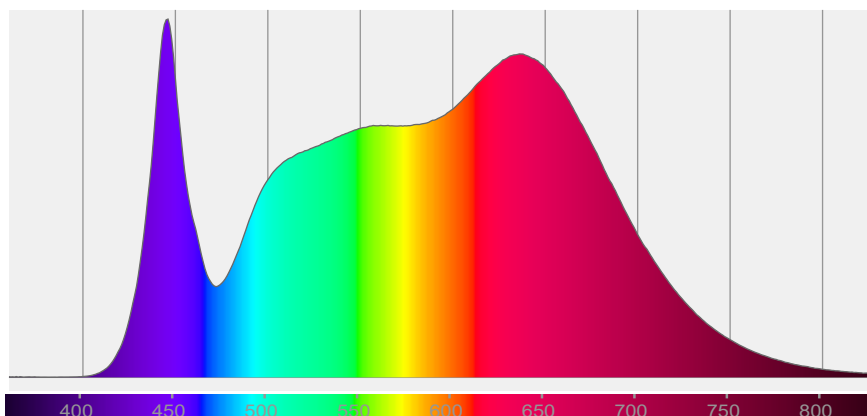


Beam angle 50%: 47,4°

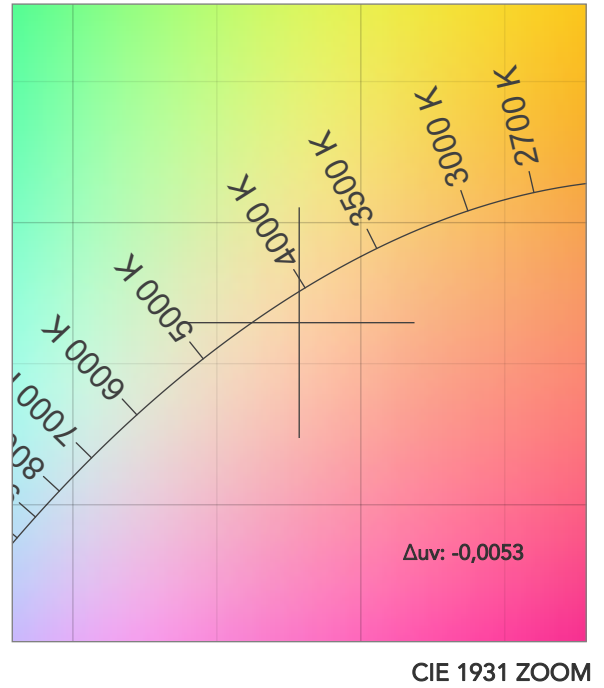
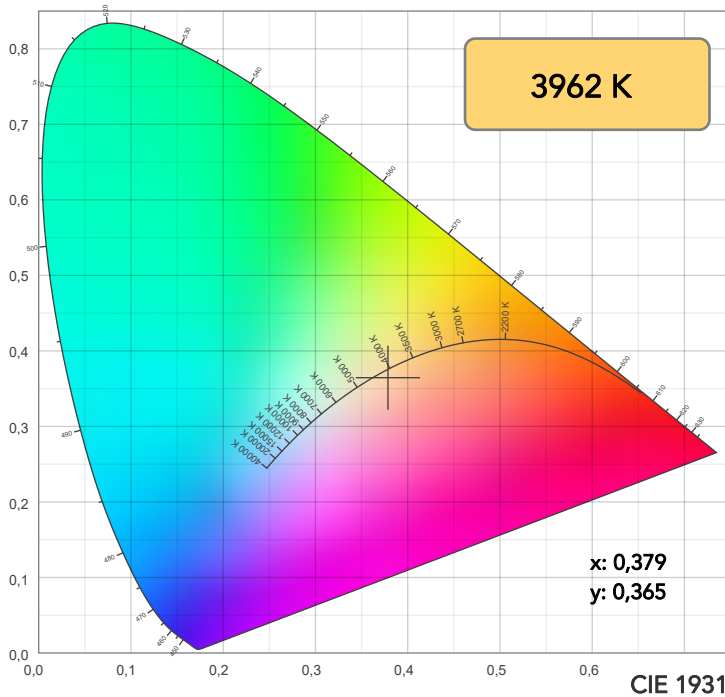
Field angle 10%: 55,8°

Cut off angle 2.5%: 66,8°

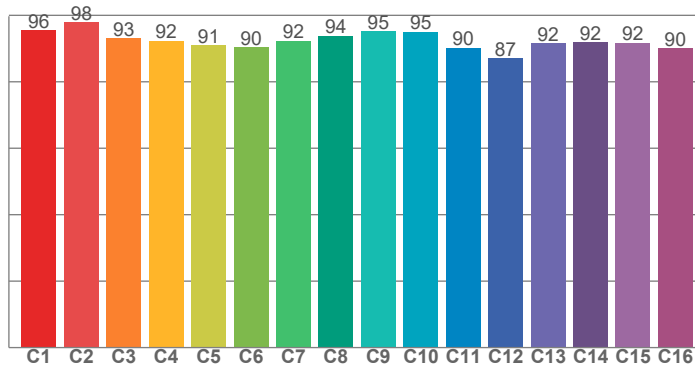
Spectra



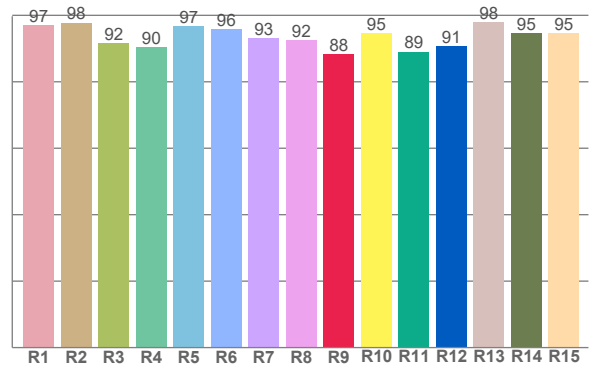
COLOR DETAILS



TM30: 92,6



CRI: 94,4 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,9	97,8	91,6	90,5	96,7	95,9	93,1	92,4	88,4	94,6	89,0	90,8	98,0	94,7	94,7

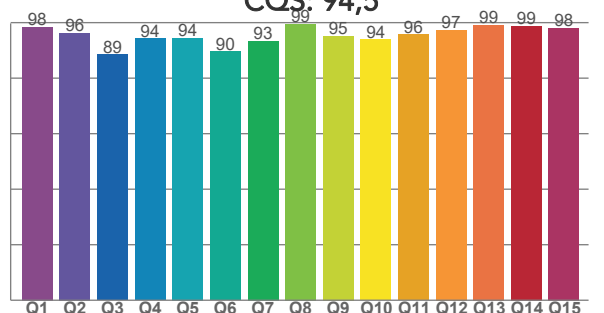
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,5	98,0	93,1	92,3	91,0	90,3	92,3	93,9	95,2	95,0	90,2	87,0	91,6	92,0	91,7	90,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,4	96,2	88,6	94,2	94,4	89,6	93,4	99,5	95,2	93,9	95,7	97,4	99,1	98,7	98,1

CQS: 94,5



COLOR PARAMETERS

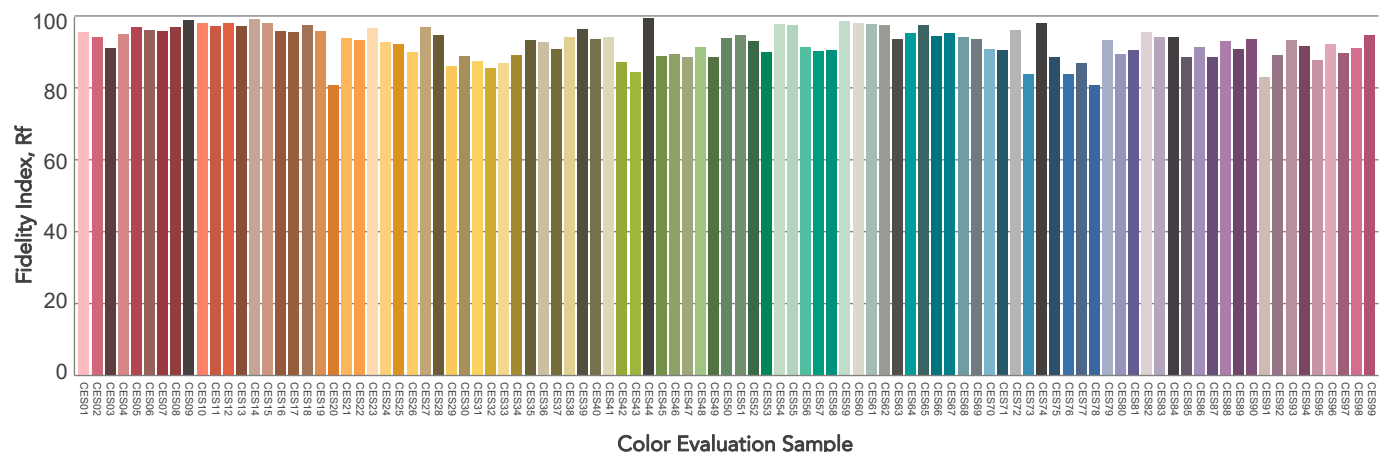
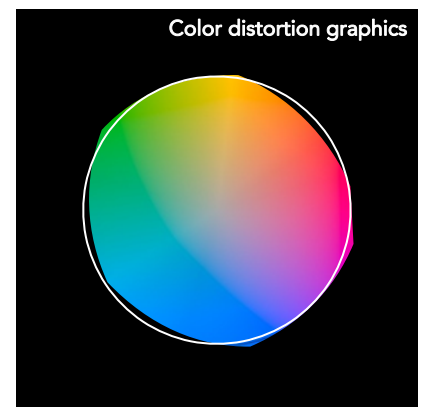
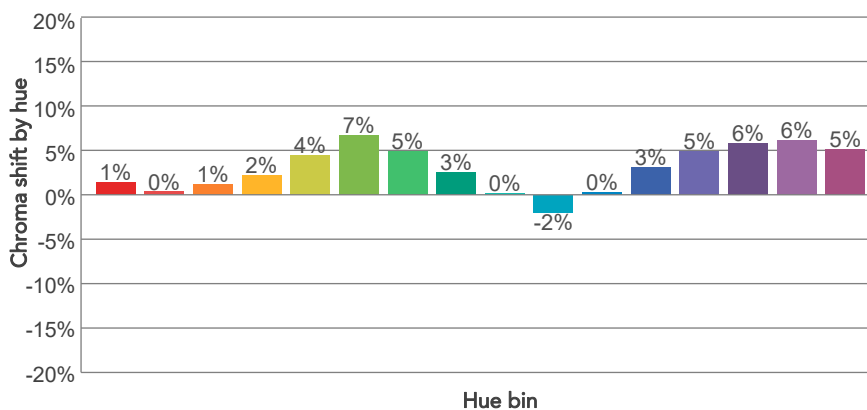
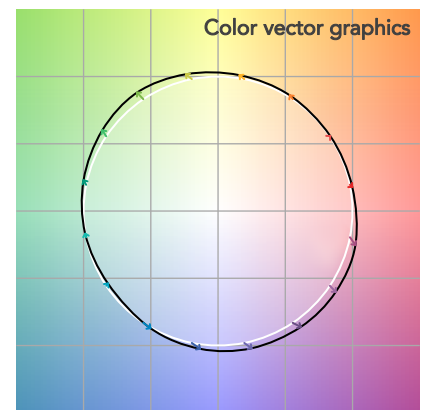
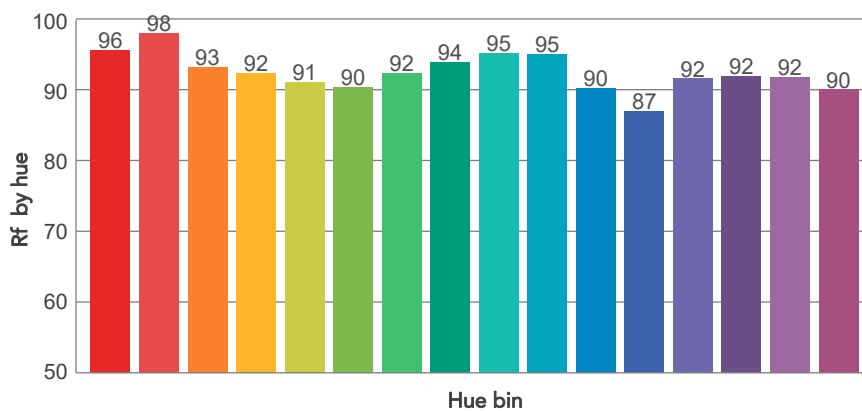
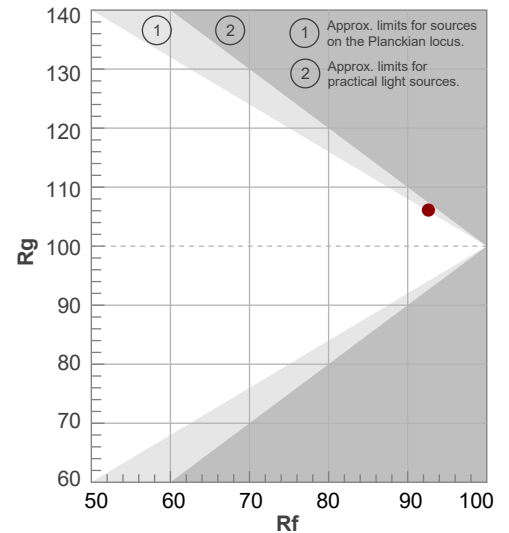
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3962 K	94,4	88,4	92,6	106,1	94,5	94	0,379	0,365	-0,0053

TM30 DETAILS

Rf 92,6
Fidelity index Rf

Rg 106,1
Gammut index

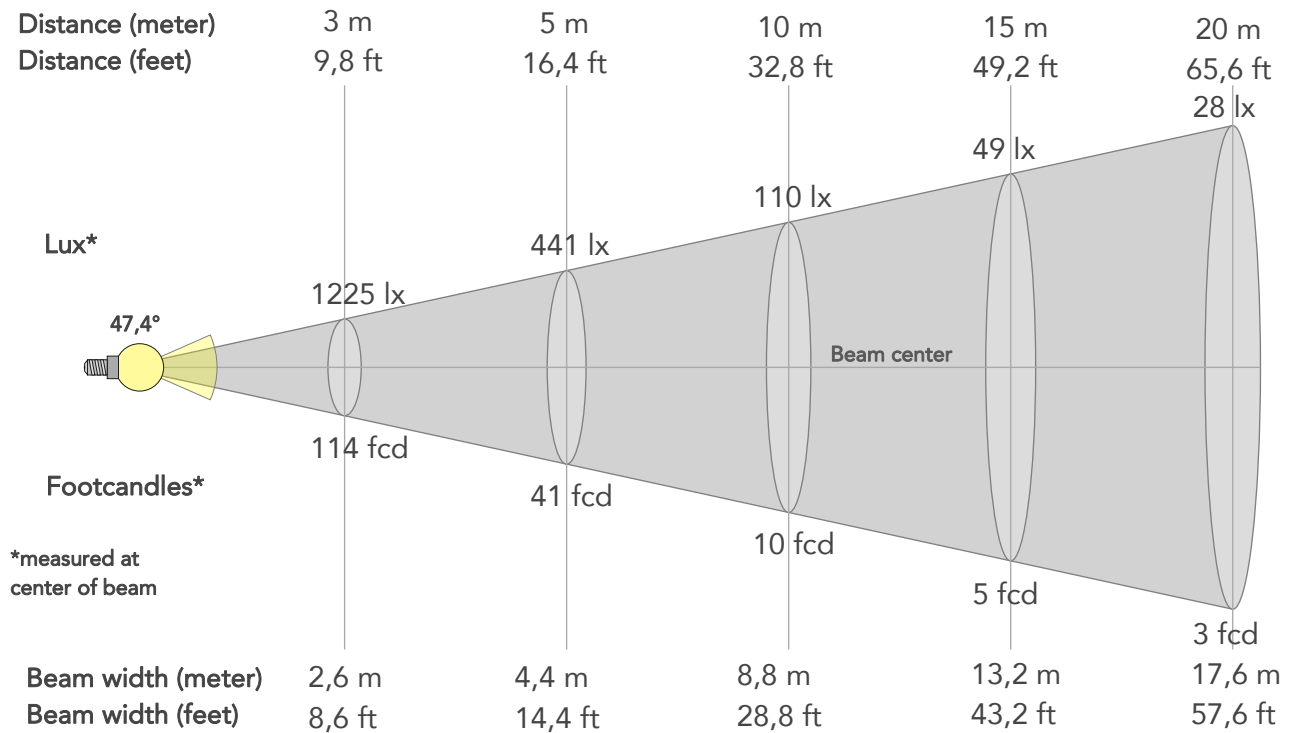
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	-2%
2	98	0%	0%
3	93	1%	3%
4	92	2%	4%
5	91	4%	4%
6	90	7%	1%
7	92	5%	-2%
8	94	3%	-3%
9	95	0%	-3%
10	95	-2%	-1%
11	90	0%	7%
12	87	3%	7%
13	92	5%	5%
14	92	6%	3%
15	92	6%	-1%
16	90	5%	-5%



BEAM DETAILS



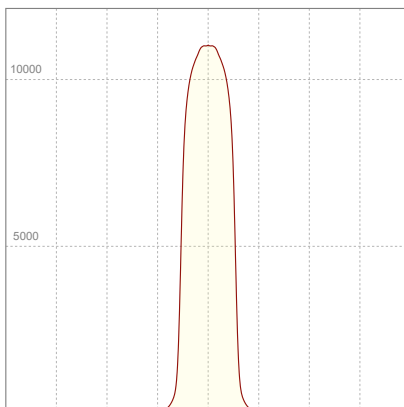
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,4°	55,8°	66,8°	99,5%	98,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	11027lx	2757lx	1225lx	689lx	441lx	196lx	110lx	49lx	28lx	18lx	12lx	7lx	4lx
Footcand.	1024fcd	256fcd	114fcd	64fcd	41fcd	18fcd	10fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,2m	17,6m	22m	26,4m	35,1m	43,9m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,4ft	21,6ft	28,8ft	43,2ft	57,6ft	72ft	86,5ft	115,3ft	144,1ft

LINEAR DISTRIBUTION DIAGRAM

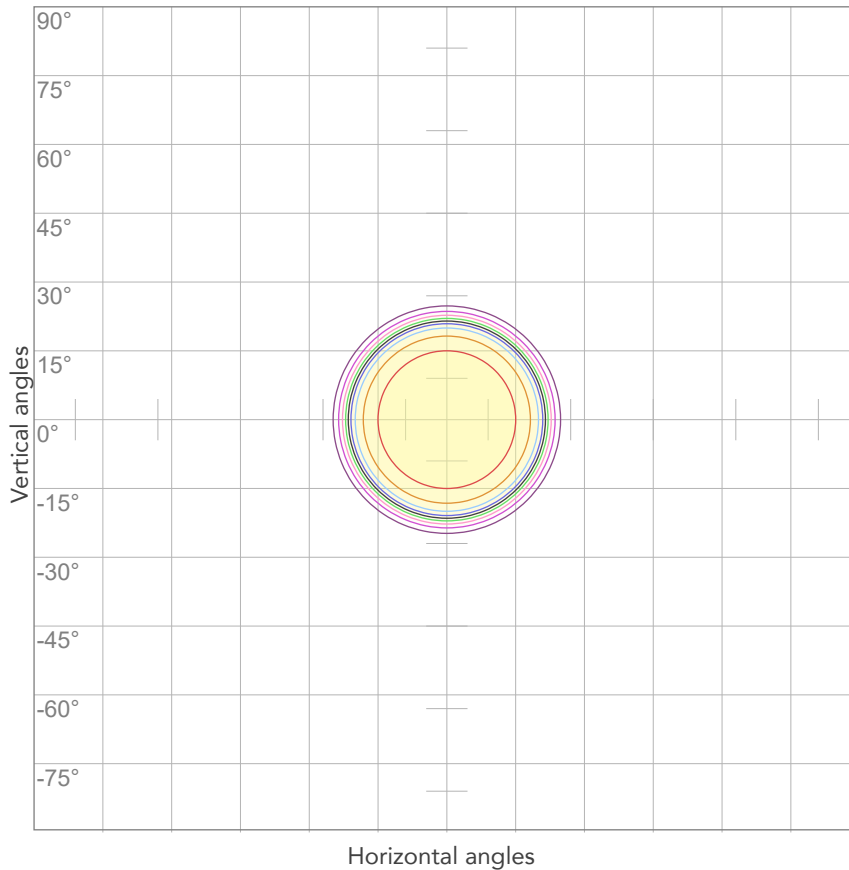


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
226V	0,553A	123,2W	0,99	48lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



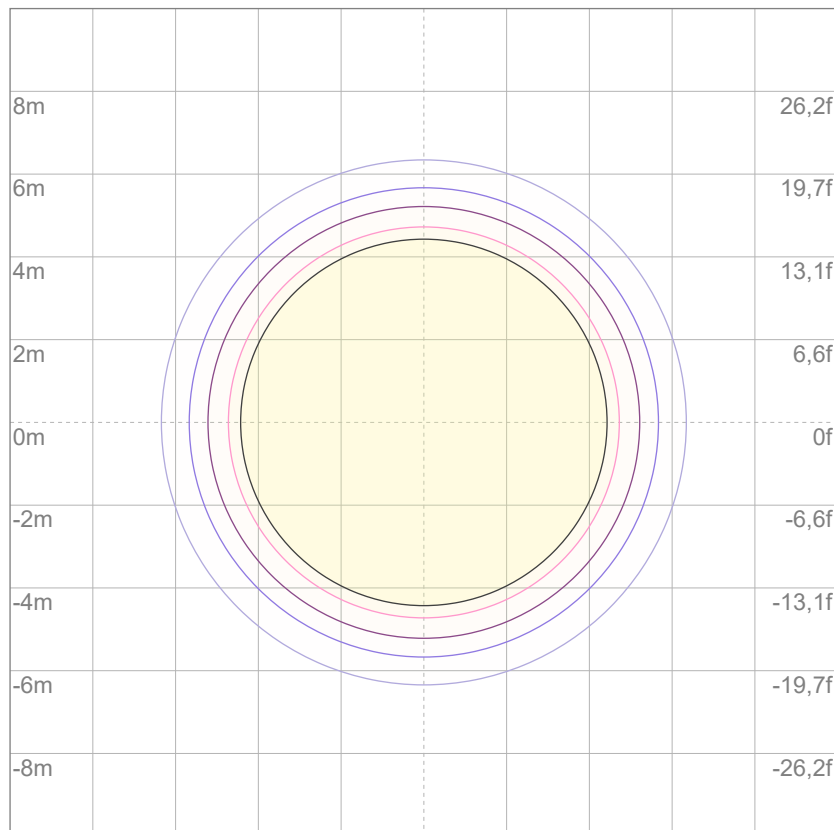
10%	1103 cd
20%	2205 cd
30%	3308 cd
40%	4411 cd
50%	5514 cd
60%	6616 cd
70%	7719 cd
80%	8822 cd

Conditions:

Number of c-planes: 2

Candela at center: 11027 cd

ISO LUX DIAGRAM



3%	3,31 lx
5%	5,51 lx
10%	11,0 lx
30%	33,1 lx
50%	55,1 lx

Conditions:

Number of c-planes: 2

Lux at center: 110 lx

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



Total lumen output:

5025 lm

Peak candela output:

34933 cd

Light quality:

CRI: 94,4

Color temperature:

3972 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

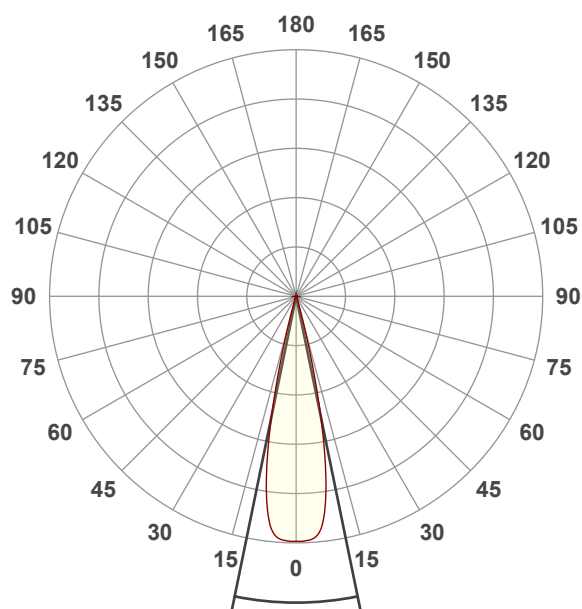
4000K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 16:03:03

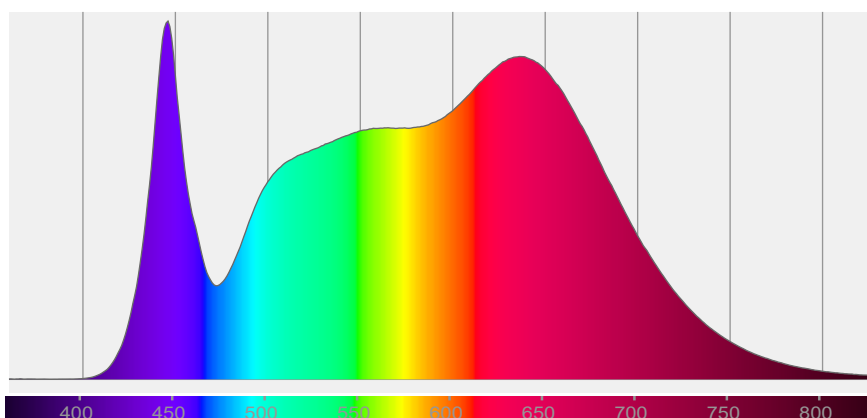


Beam angle 50%: 23,2°

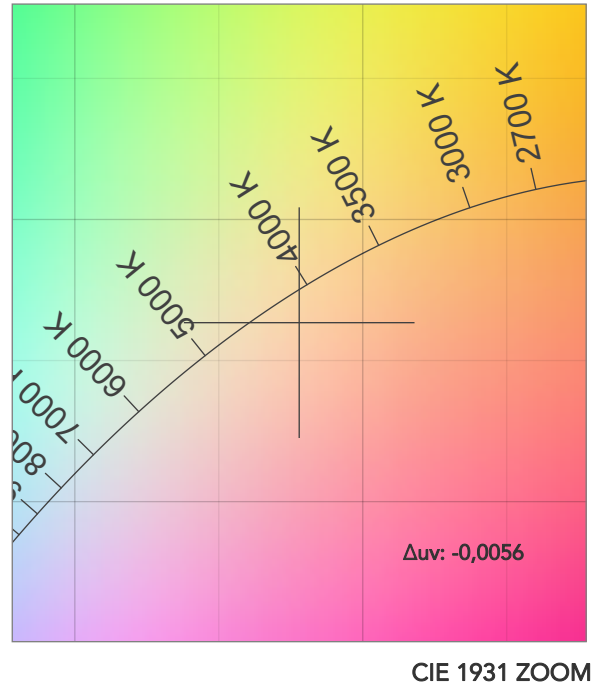
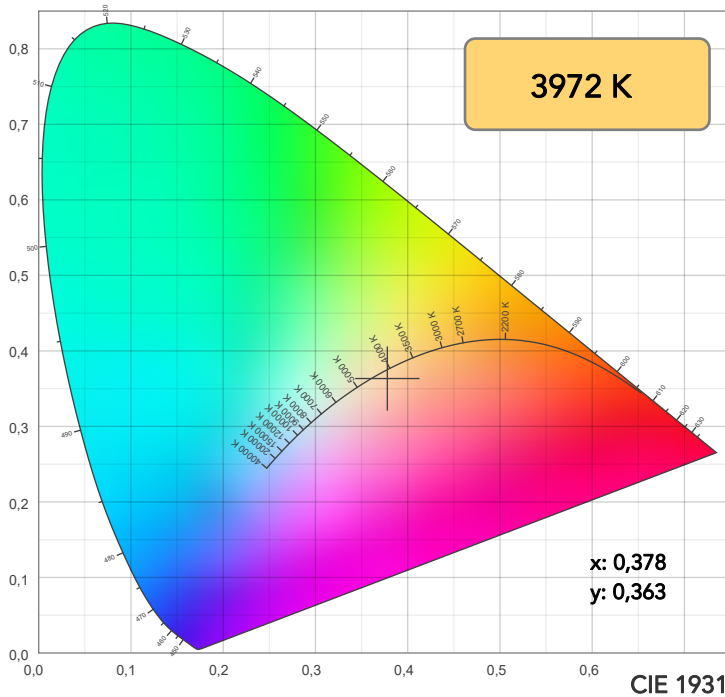
Field angle 10%: 31,1°

Cut off angle 2.5%: 37°

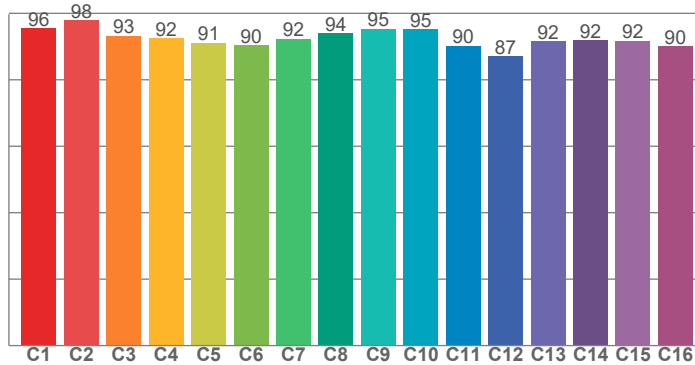
Spectra



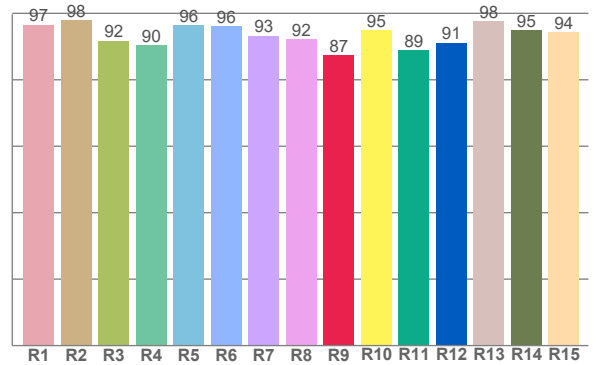
COLOR DETAILS



TM30: 92,7



CRI: 94,4 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96,6	97,9	91,8	90,4	96,5	96,1	93,3	92,3	87,5	95,0	88,9	91,2	97,7	94,8	94,2

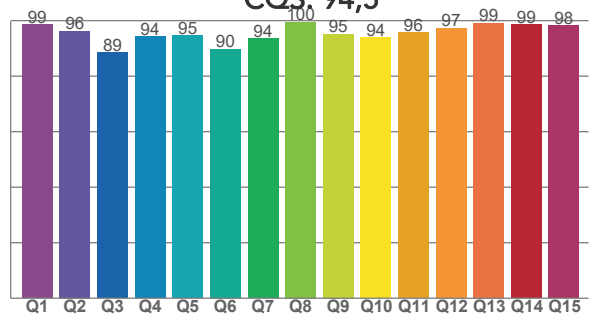
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,5	97,9	93,2	92,5	91,1	90,4	92,4	93,9	95,3	95,2	90,3	87,1	91,6	91,9	91,7	90,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,6	96,2	88,5	94,3	94,6	89,8	93,5	99,6	95,1	93,9	95,7	97,4	99,1	98,6	98,2

CQS: 94,5



COLOR PARAMETERS

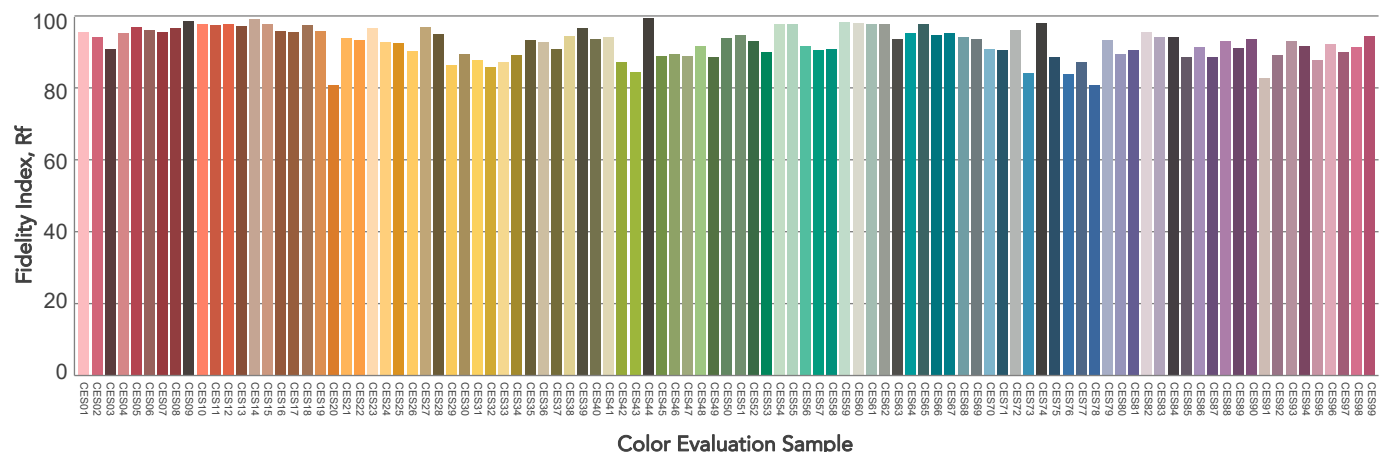
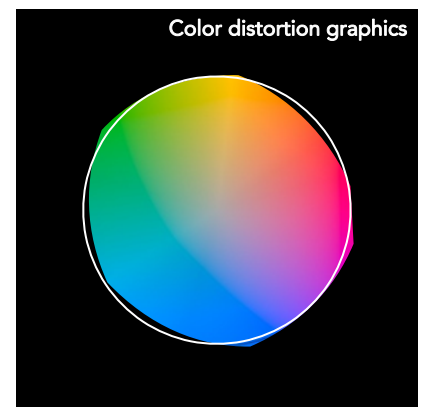
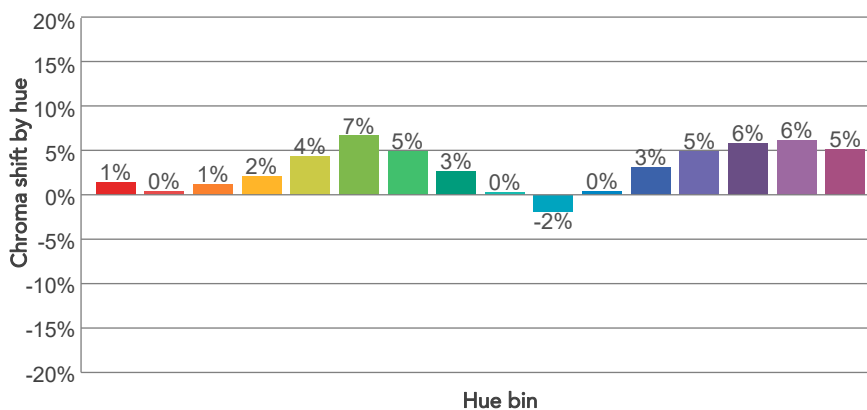
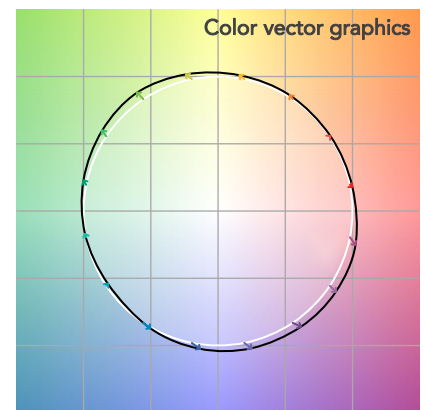
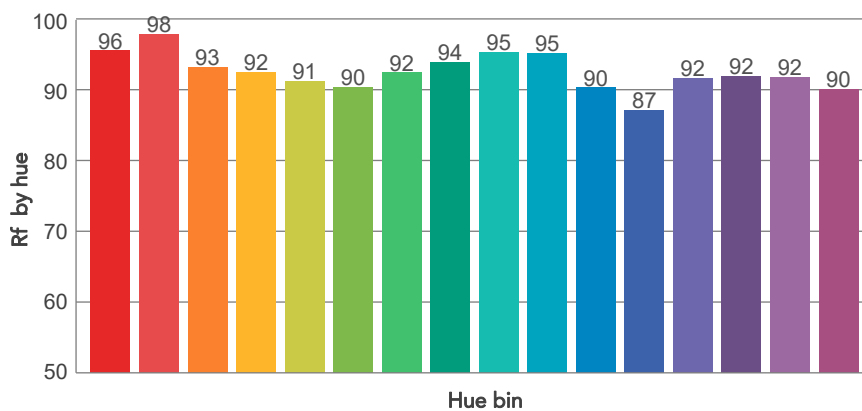
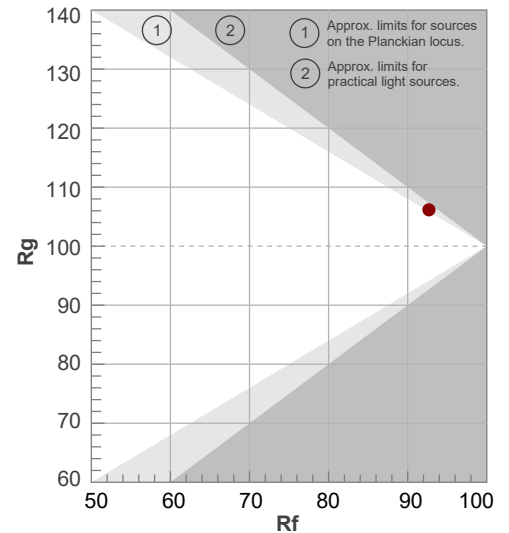
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
3972 K	94,4	87,5	92,7	106,2	94,5	94	0,378	0,363	-0,0056

TM30 DETAILS

Rf 92,7
Fidelity index Rf

Rg 106,2
Gammut index

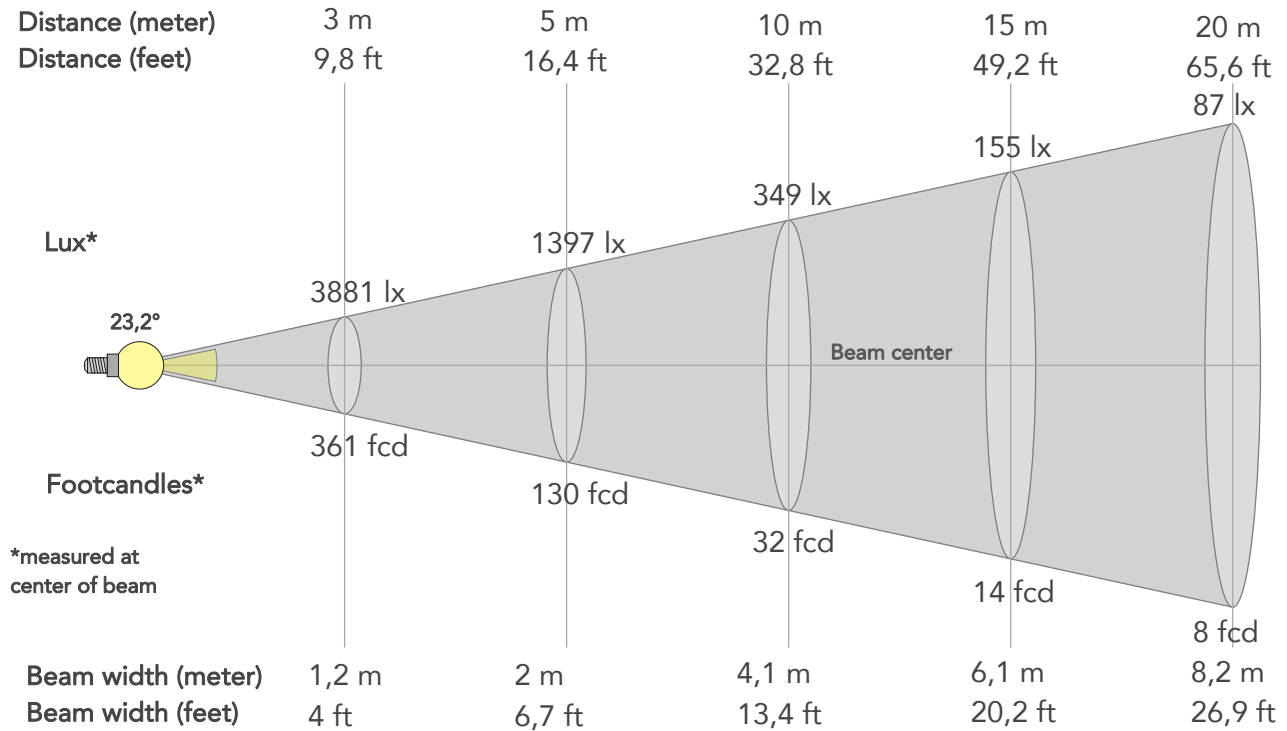
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	-2%
2	98	0%	0%
3	93	1%	3%
4	92	2%	4%
5	91	4%	4%
6	90	7%	1%
7	92	5%	-2%
8	94	3%	-3%
9	95	0%	-3%
10	95	-2%	-1%
11	90	0%	7%
12	87	3%	7%
13	92	5%	5%
14	92	6%	3%
15	92	6%	-1%
16	90	5%	-5%



BEAM DETAILS



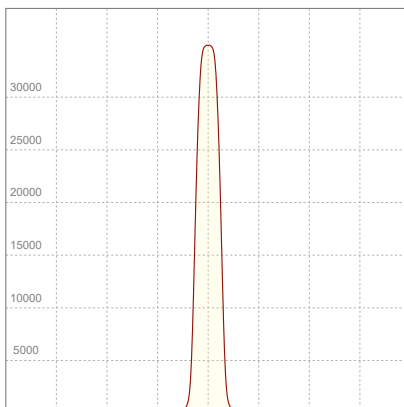
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,2°	31,1°	37°	99,4%	98,5%



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	34928lx	8732lx	3881lx	2183lx	1397lx	621lx	349lx	155lx	87lx	56lx	39lx	22lx	14lx
Footcand.	3245fcd	811fcd	361fcd	203fcd	130fcd	58fcd	32fcd	14fcd	8fcd	5fcd	4fcd	2fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3,1m	4,1m	6,1m	8,2m	10,2m	12,3m	16,4m	20,5m
Beam wid.	1,4ft	2,7ft	4ft	5,4ft	6,7ft	10,1ft	13,4ft	20,2ft	26,9ft	33,6ft	40,3ft	53,8ft	67,2ft

LINEAR DISTRIBUTION DIAGRAM

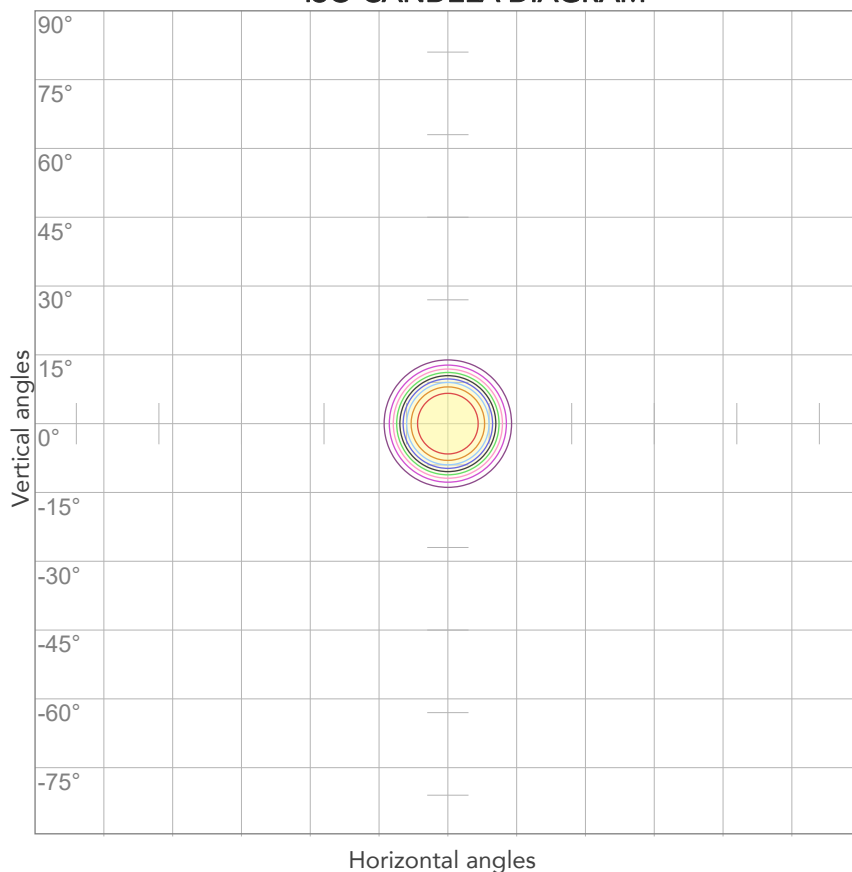


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,550A	122,8W	0,99	41lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



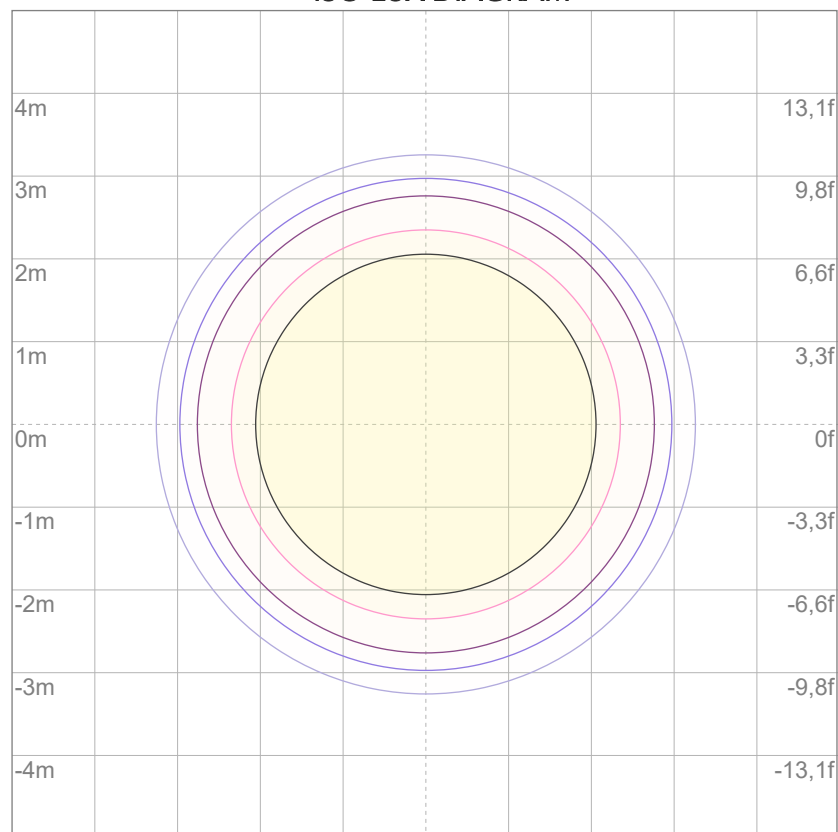
10%	3493 cd
20%	6986 cd
30%	10478 cd
40%	13971 cd
50%	17464 cd
60%	20957 cd
70%	24449 cd
80%	27942 cd

Conditions:

Number of c-planes: 2

Candela at center: 34928 cd

ISO LUX DIAGRAM



3%	10,5 lx
5%	17,5 lx
10%	34,9 lx
30%	105 lx
50%	175 lx

Conditions:

Number of c-planes: 2

Lux at center: 349 lx

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



Total lumen output:

3155 lm

Peak candela output:

105017 cd

Light quality:

CRI: 94,2

Color temperature:

4019 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

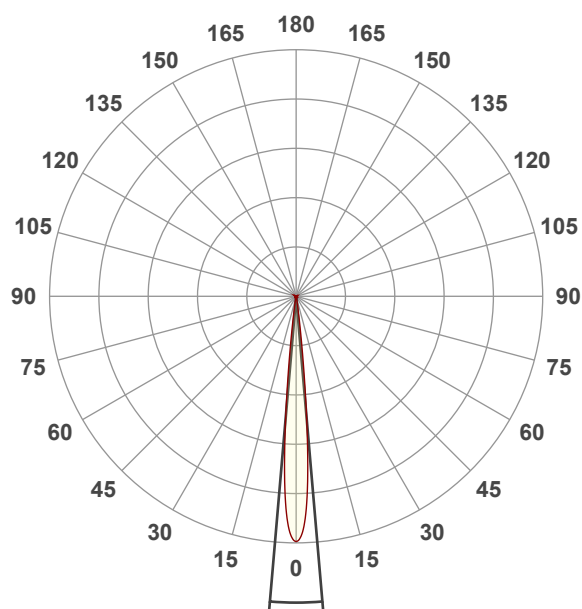
4000K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 14:57:29

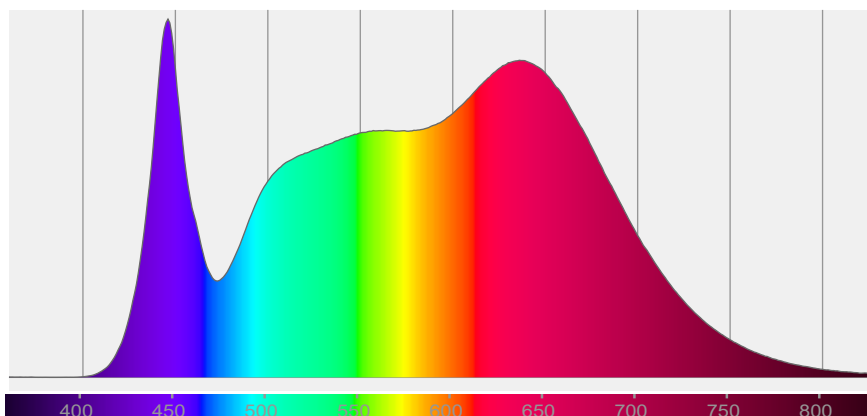


Beam angle 50%: 9,8°

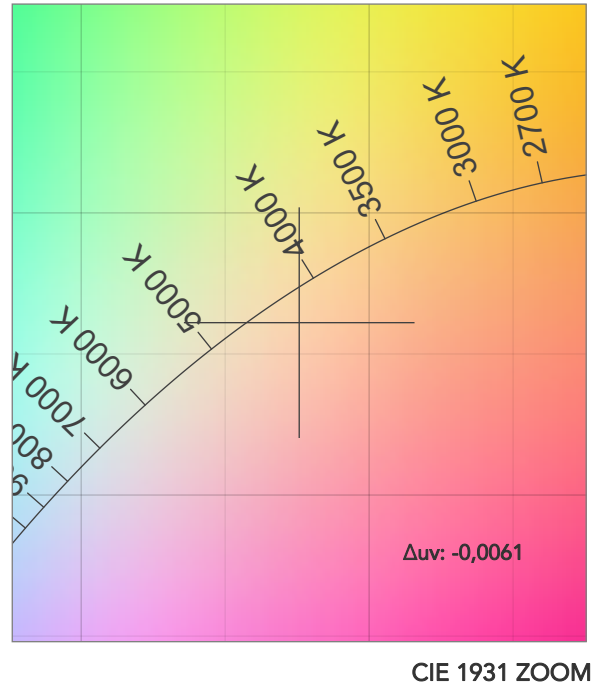
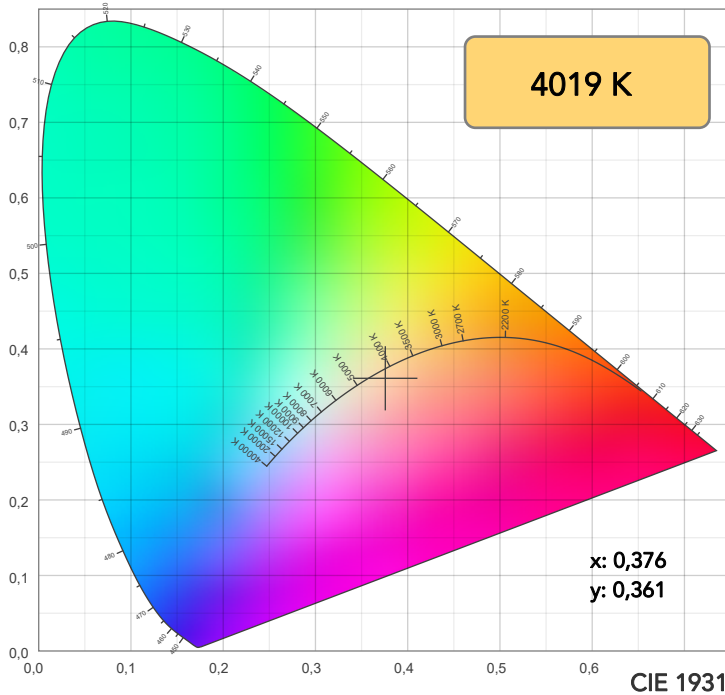
Field angle 10%: 15,1°

Cut off angle 2.5%: 19,1°

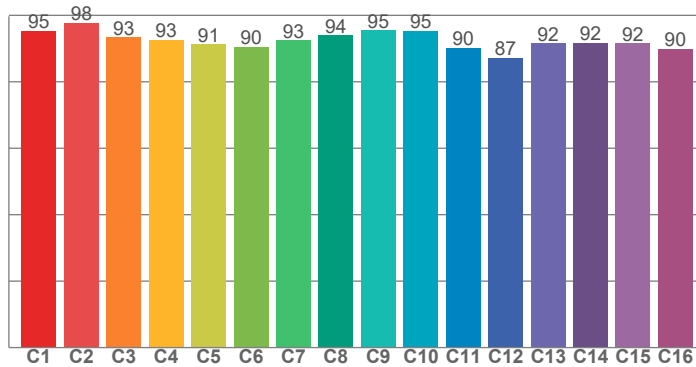
Spectra



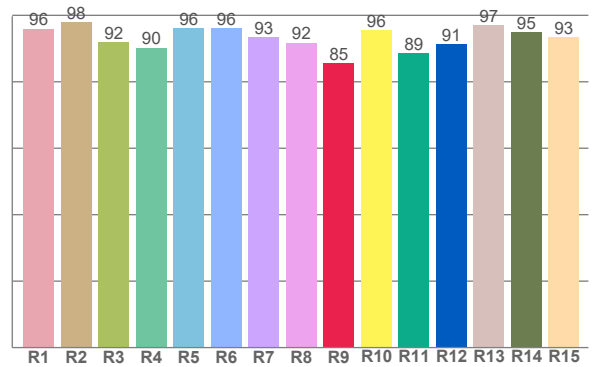
COLOR DETAILS



TM30: 92,7



CRI: 94,2 (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
96,0	98,0	91,9	90,3	96,1	96,2	93,4	91,7	85,5	95,6	88,5	91,4	97,1	94,8	93,5

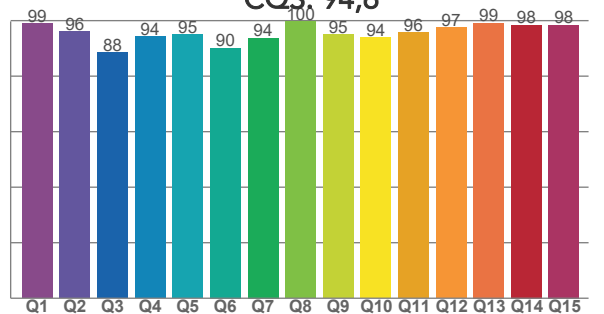
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,4	97,7	93,3	92,6	91,3	90,5	92,5	94,0	95,4	95,4	90,2	87,2	91,5	91,8	91,7	90,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
99,0	96,1	88,5	94,3	95,0	90,1	93,8	99,6	95,0	94,0	95,7	97,4	99,1	98,4	98,4

CQS: 94,6



COLOR PARAMETERS

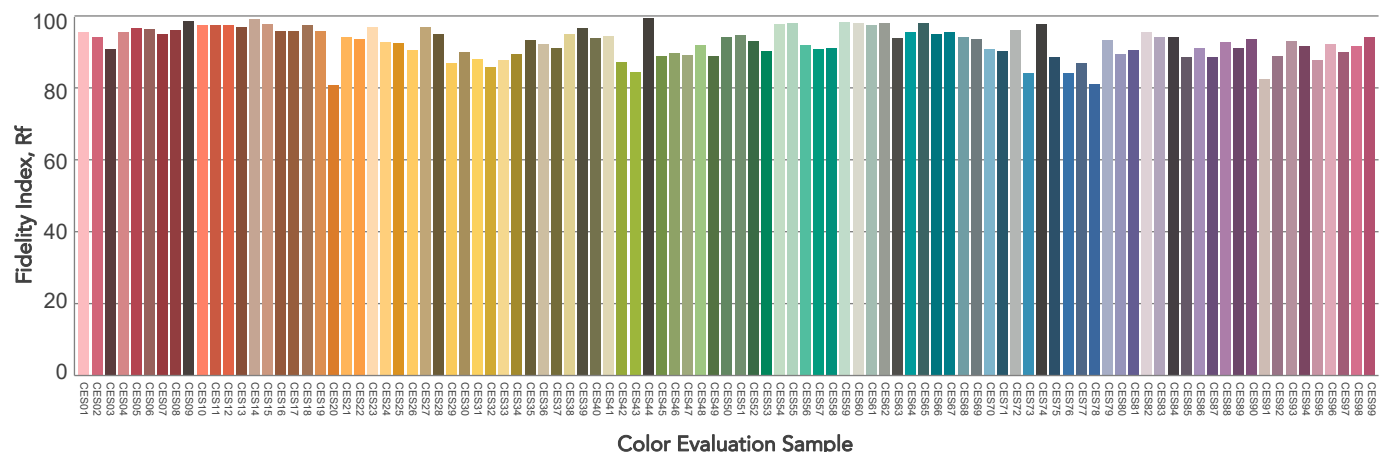
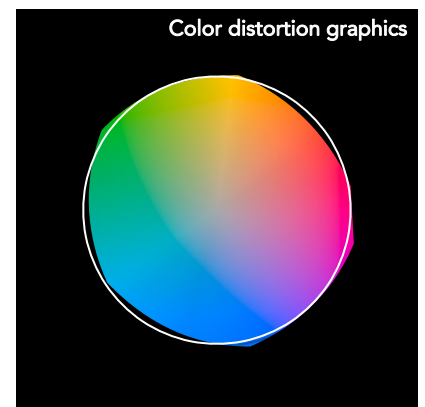
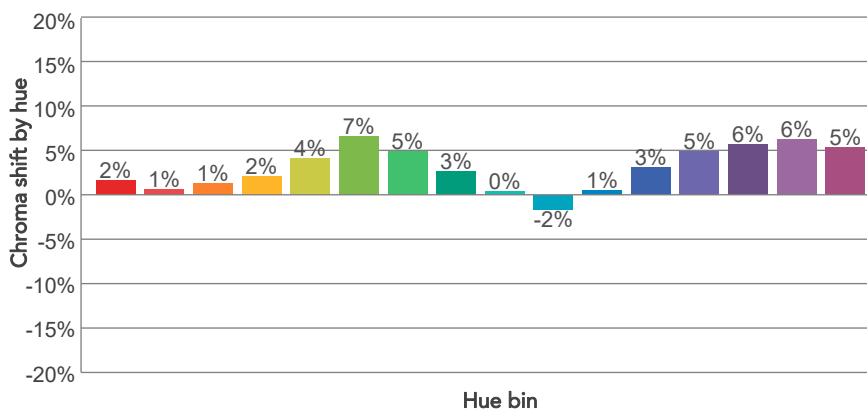
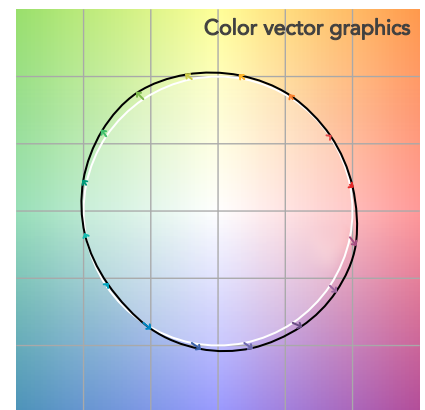
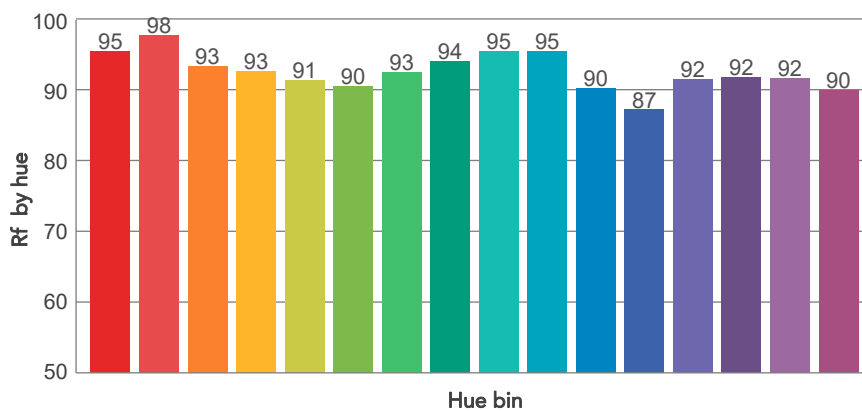
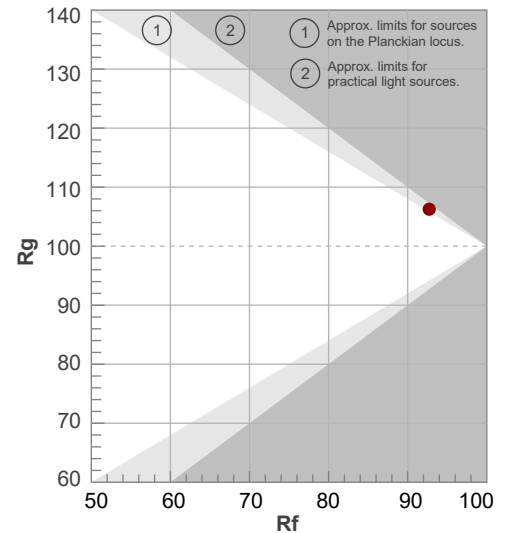
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4019 K	94,2	85,5	92,7	106,3	94,6	95	0,376	0,361	-0,0061

TM30 DETAILS

Rf 92,7
Fidelity index Rf

Rg 106,3
Gammut index

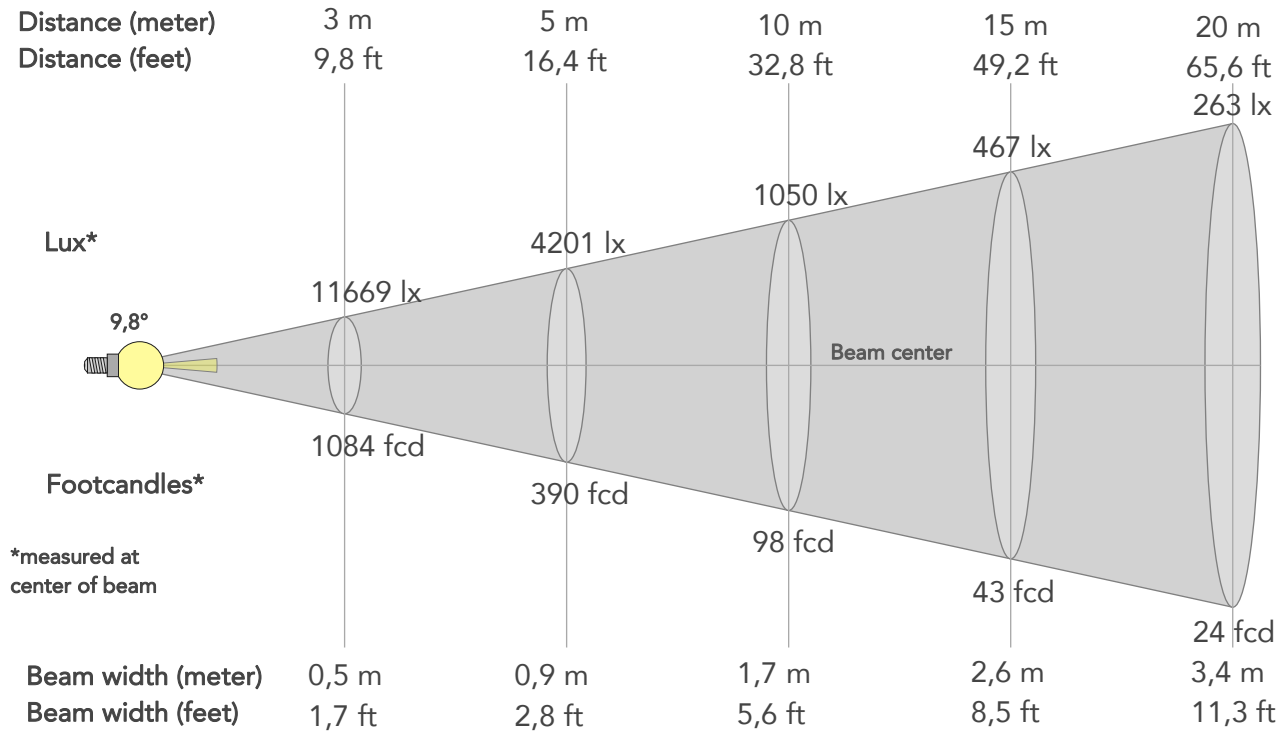
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	2%	-2%
2	98	1%	0%
3	93	1%	3%
4	93	2%	4%
5	91	4%	3%
6	90	7%	1%
7	93	5%	-2%
8	94	3%	-2%
9	95	0%	-2%
10	95	-2%	0%
11	90	1%	7%
12	87	3%	7%
13	92	5%	5%
14	92	6%	4%
15	92	6%	-1%
16	90	5%	-5%



BEAM DETAILS



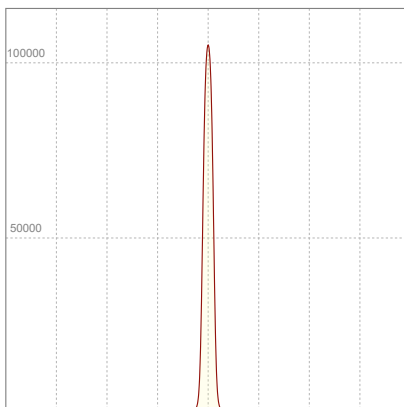
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,8°	15,1°	19,1°	99,8%	98,9%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	105017lx	26254lx	11669lx	6564lx	4201lx	1867lx	1050lx	467lx	263lx	168lx	117lx	66lx	42lx
Footcand.	9756fcd	2439fcd	1084fcd	610fcd	390fcd	173fcd	98fcd	43fcd	24fcd	16fcd	11fcd	6fcd	4fcd
Beam wid.	0,2m	0,3m	0,5m	0,7m	0,9m	1,3m	1,7m	2,6m	3,4m	4,3m	5,2m	6,9m	8,6m
Beam wid.	0,6ft	1,1ft	1,7ft	2,3ft	2,8ft	4,2ft	5,6ft	8,5ft	11,3ft	14,1ft	16,9ft	22,6ft	28,2ft

LINEAR DISTRIBUTION DIAGRAM

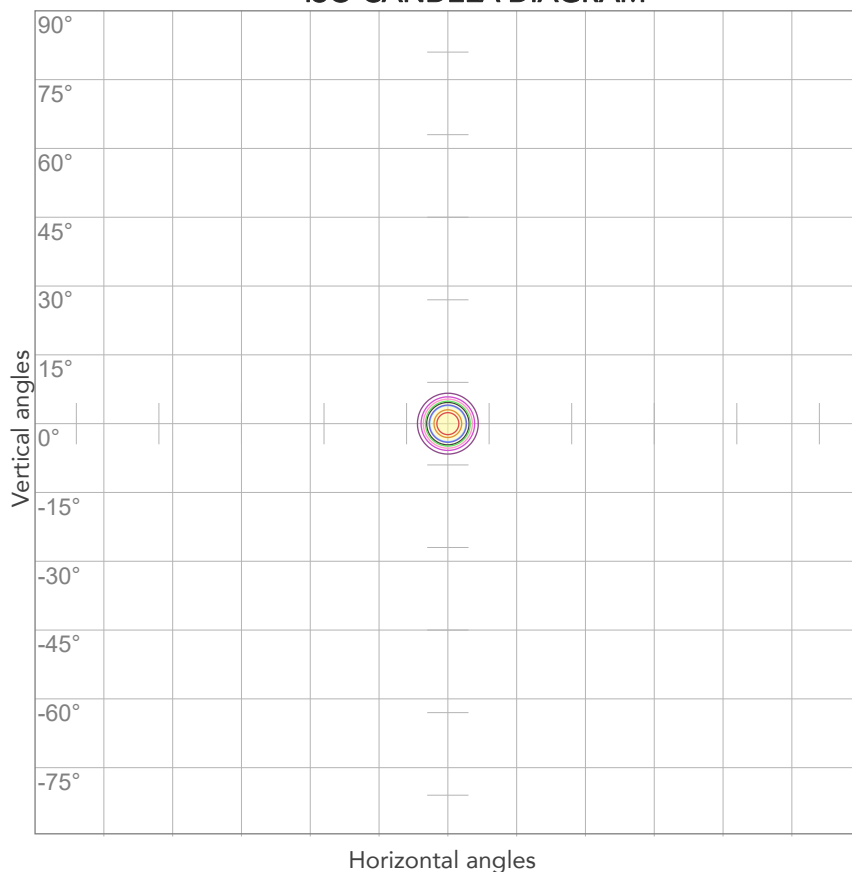


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Effeciency
225V	0,545A	121,4W	0,99	26lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



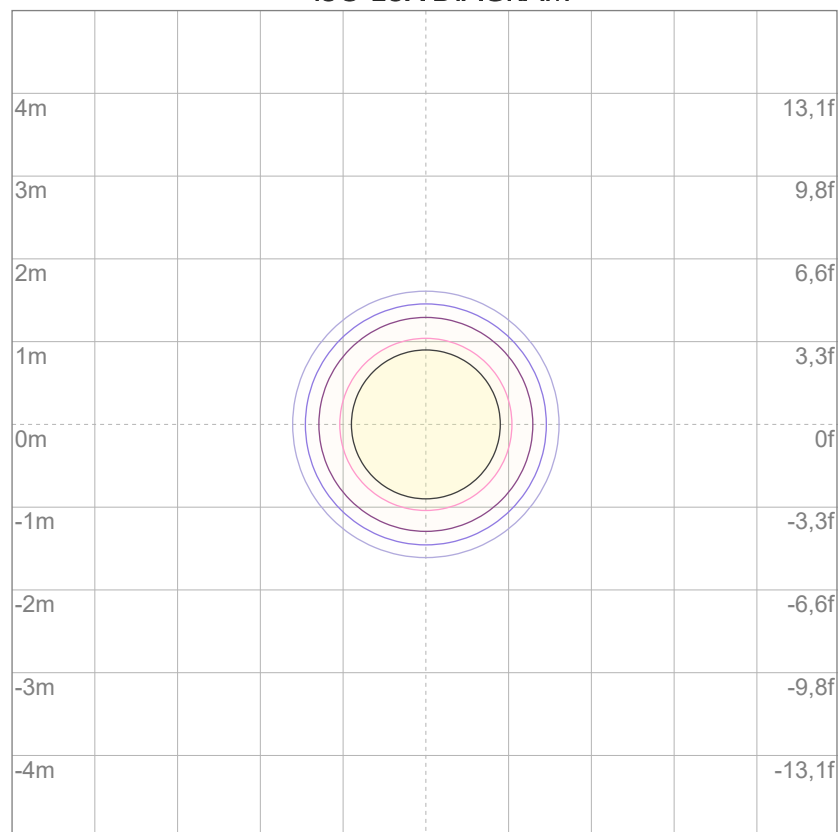
10%	10502 cd
20%	21003 cd
30%	31505 cd
40%	42007 cd
50%	52508 cd
60%	63010 cd
70%	73512 cd
80%	84013 cd

Conditions:

Number of c-planes: 2

Candela at center: 105017 cd

ISO LUX DIAGRAM



3%	31,5 lx
5%	52,5 lx
10%	105 lx
30%	315 lx
50%	525 lx

Conditions:

Number of c-planes: 2

Lux at center: 1050 lx

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



Total lumen output:

4827 lm

Peak candela output:

8998 cd

Light quality:

CRI: 93,5

Color temperature:

5610 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

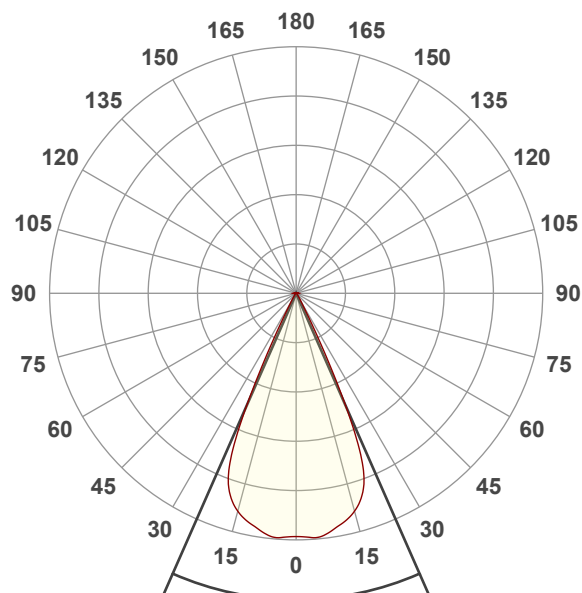
5600K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 17:14:23

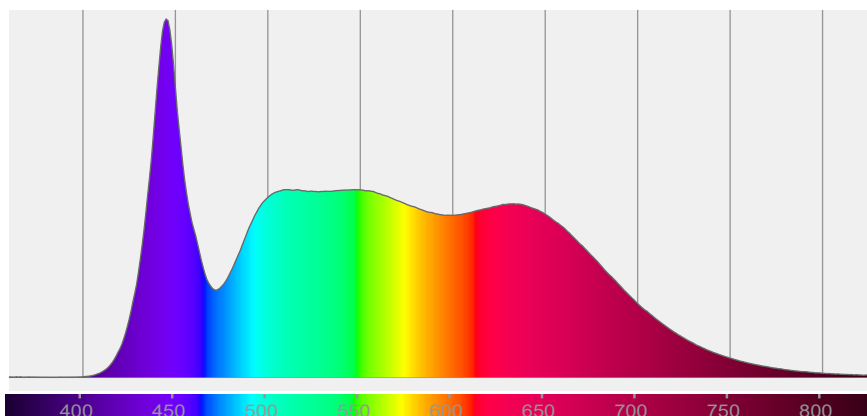


Beam angle 50%: 47,5°

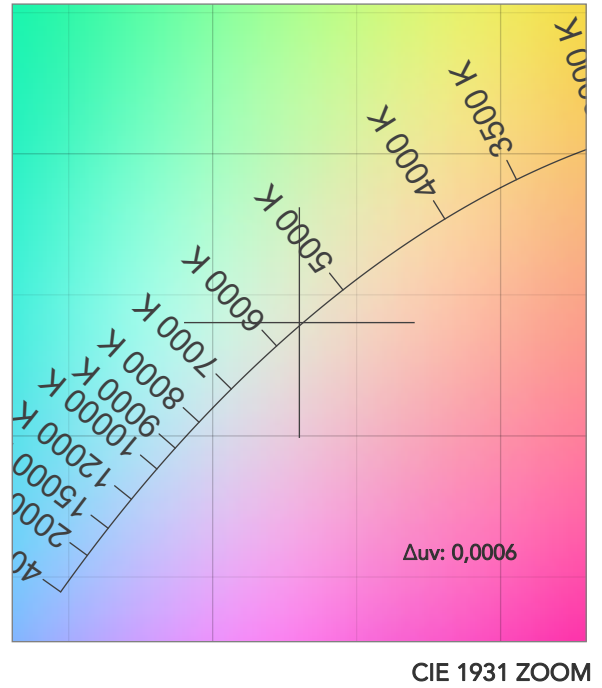
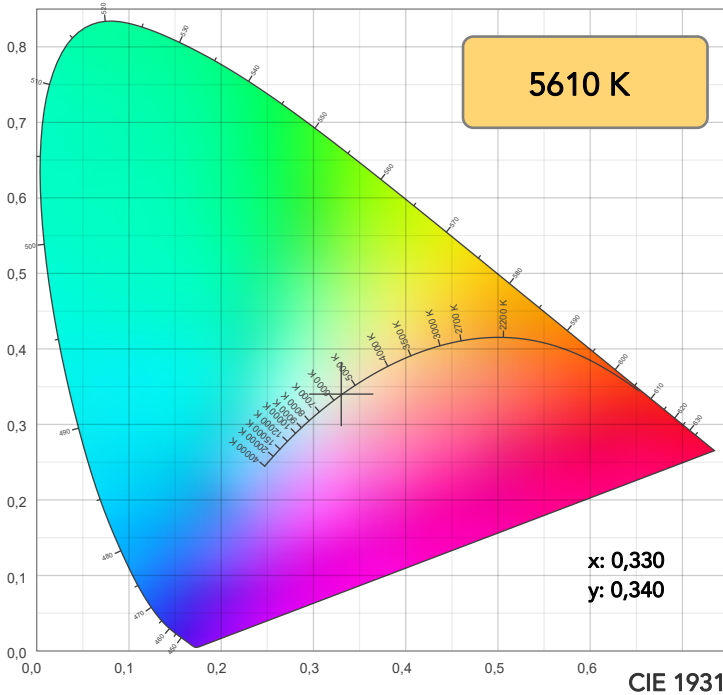
Field angle 10%: 55,7°

Cut off angle 2.5%: 66,6°

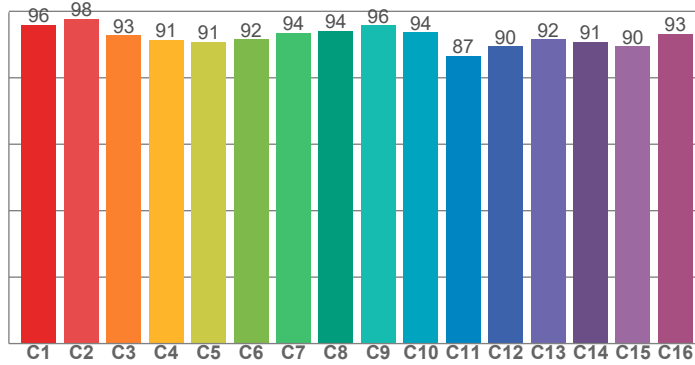
Spectra



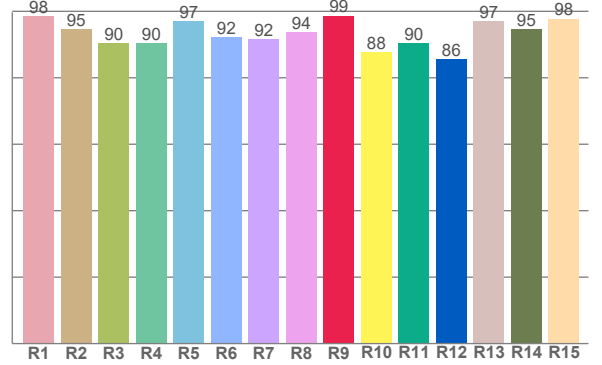
COLOR DETAILS



TM30: 92,3



CRI: 93,5 (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
98,4	94,6	90,3	90,5	96,9	92,2	91,6	93,6	98,7	87,7	90,3	85,6	96,9	94,7	97,8

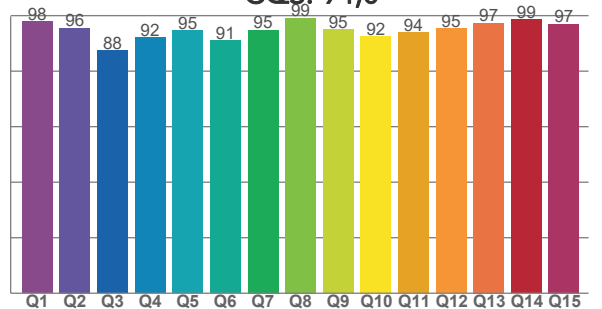
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,9	97,8	92,7	91,4	90,8	91,6	93,6	94,2	95,8	93,7	86,6	89,6	91,6	90,8	89,5	93,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,9	95,5	87,5	92,2	94,6	91,1	94,8	99,1	94,9	92,5	93,9	95,4	97,3	98,7	97,0

CQS: 94,0



COLOR PARAMETERS

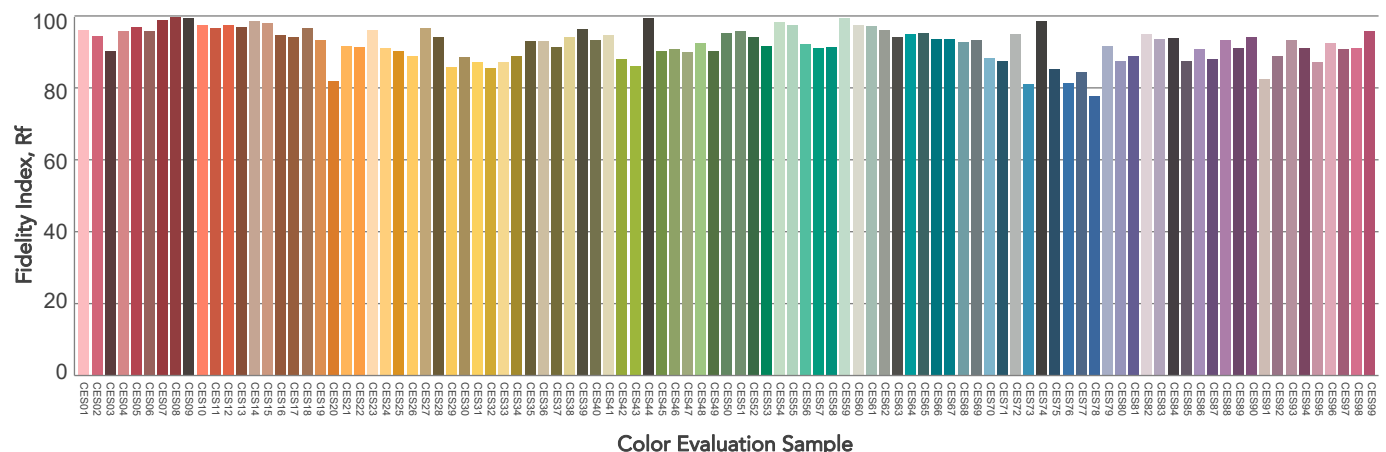
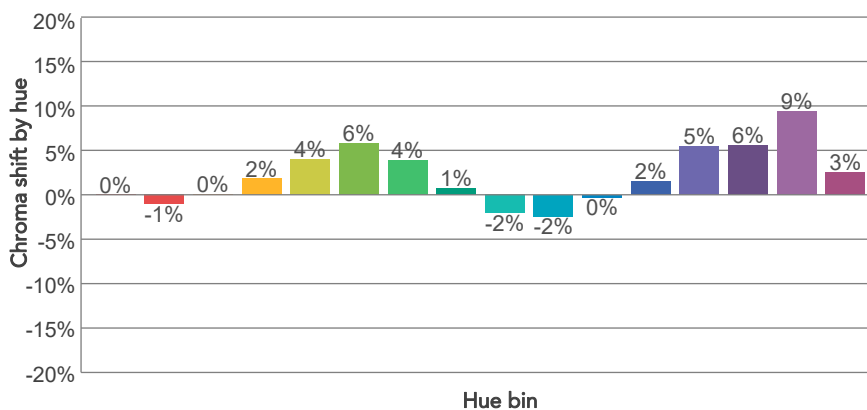
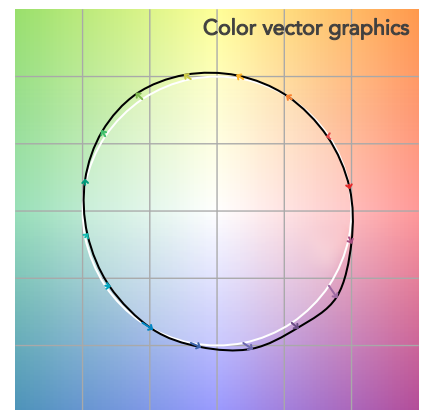
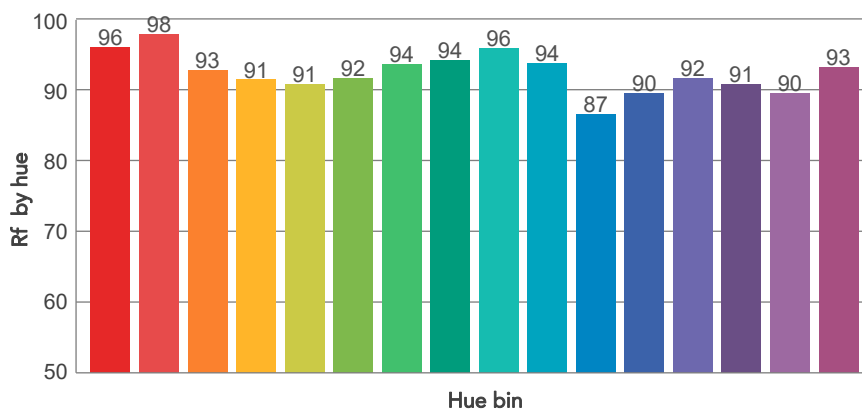
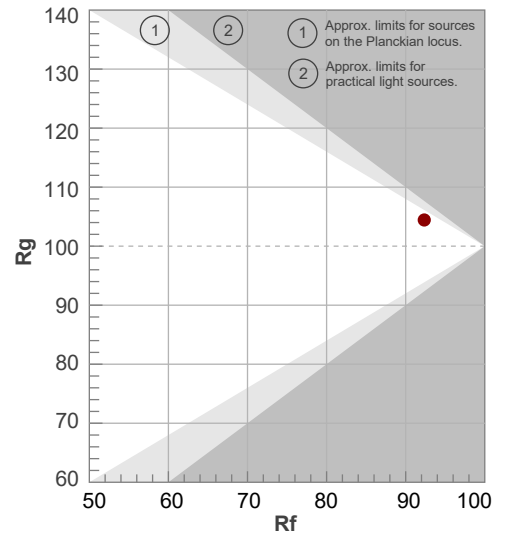
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5610 K	93,5	98,7	92,3	104,4	94,0	97	0,330	0,340	0,0006

TM30 DETAILS

Rf 92,3
Fidelity index Rf

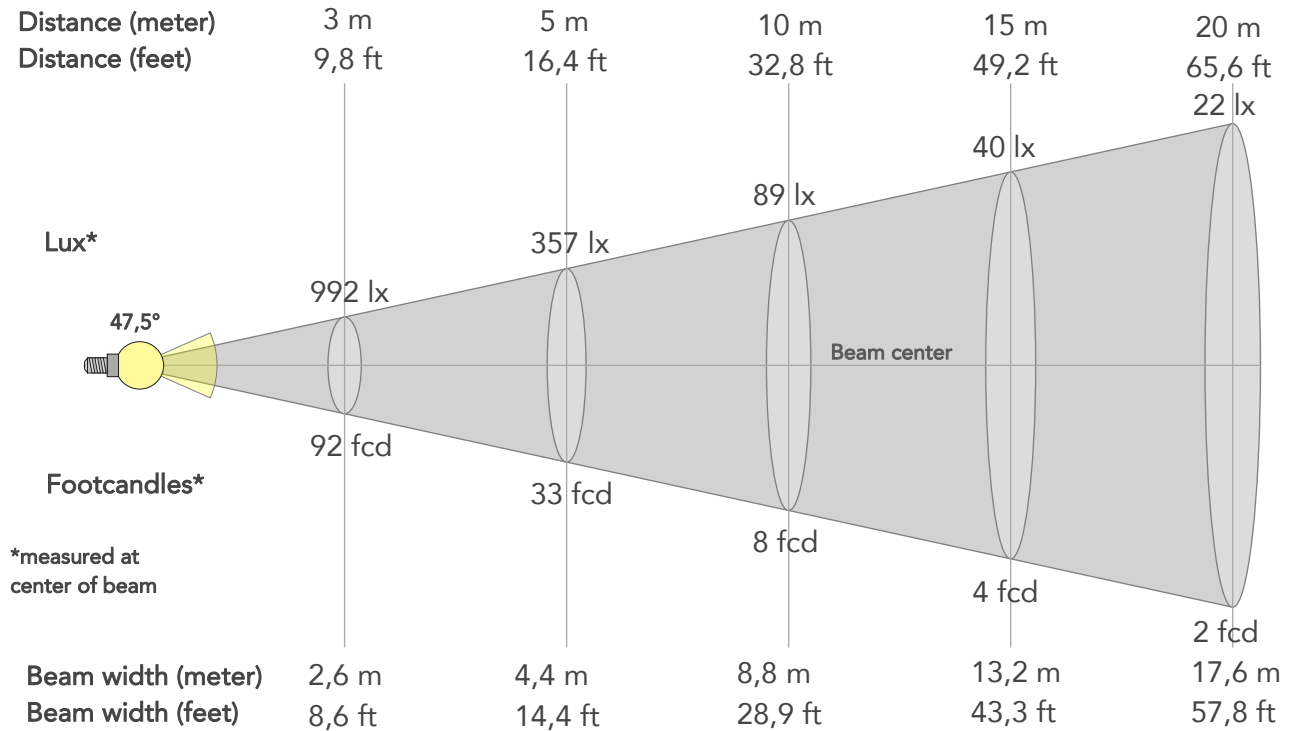
Rg 104,4
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-2%
2	98	-1%	1%
3	93	0%	4%
4	91	2%	5%
5	91	4%	4%
6	92	6%	1%
7	94	4%	-2%
8	94	1%	-3%
9	96	-2%	-2%
10	94	-2%	2%
11	87	0%	8%
12	90	2%	7%
13	92	5%	5%
14	91	6%	2%
15	90	9%	-4%
16	93	3%	-3%



BEAM DETAILS

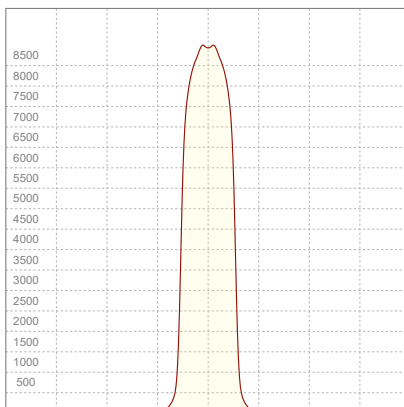
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,5°	55,7°	66,6°	99,6%	98,7%



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	8932lx	2233lx	992lx	558lx	357lx	159lx	89lx	40lx	22lx	14lx	10lx	6lx	4lx
Footcand.	830fcd	207fcd	92fcd	52fcd	33fcd	15fcd	8fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,2m	17,6m	22m	26,4m	35,2m	44m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,4ft	21,7ft	28,9ft	43,3ft	57,8ft	72,2ft	86,6ft	115,5ft	144,4ft

LINEAR DISTRIBUTION DIAGRAM

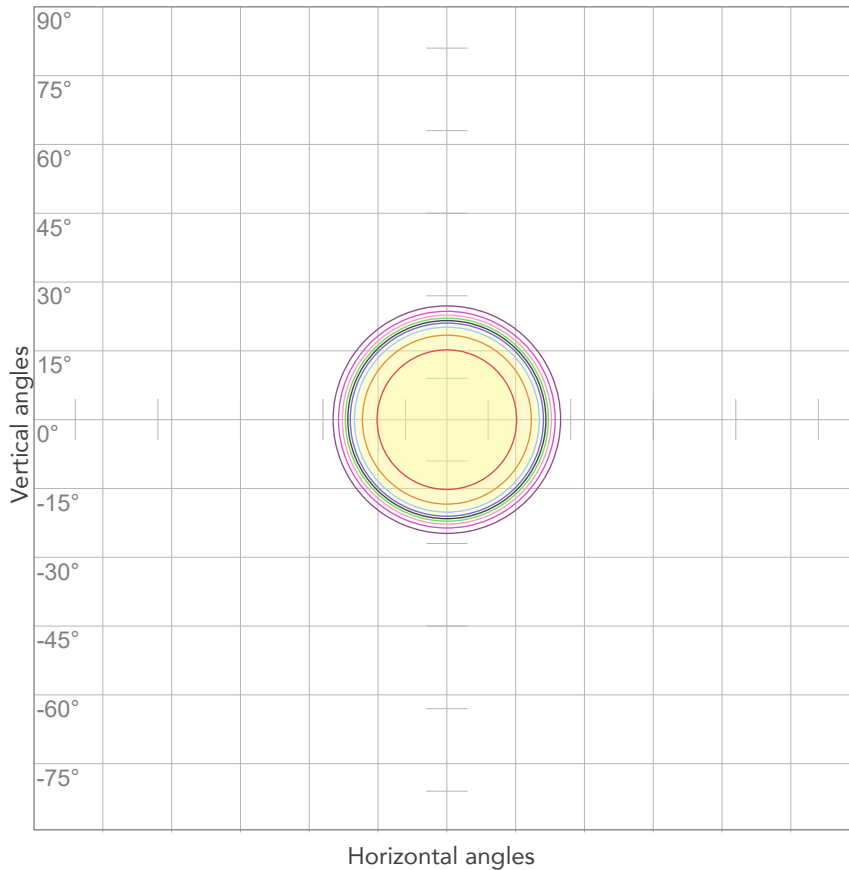


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,403A	89,0W	0,98	54lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



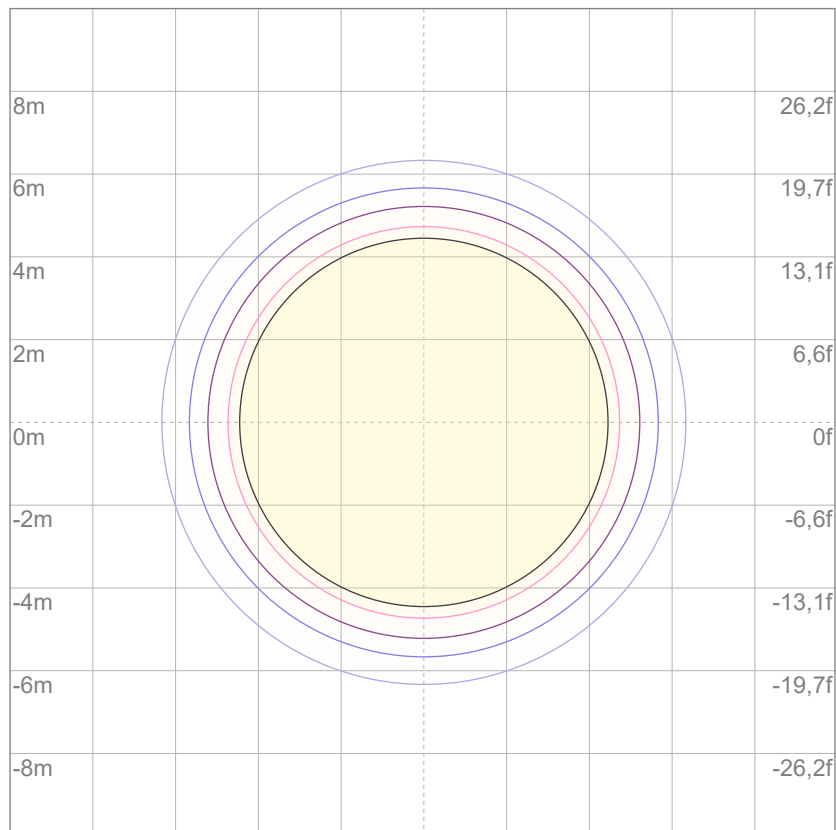
10%	893 cd
20%	1786 cd
30%	2680 cd
40%	3573 cd
50%	4466 cd
60%	5359 cd
70%	6253 cd
80%	7146 cd

Conditions:

Number of c-planes: 2

Candela at center: 8932 cd

ISO LUX DIAGRAM



3%	2,68 lx
5%	4,47 lx
10%	8,93 lx
30%	26,8 lx
50%	44,7 lx

Conditions:

Number of c-planes: 2

Lux at center: 89,3 lx

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



Total lumen output:

4318 lm

Peak candela output:

29525 cd

Light quality:

CRI: 93,8

Color temperature:

5536 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

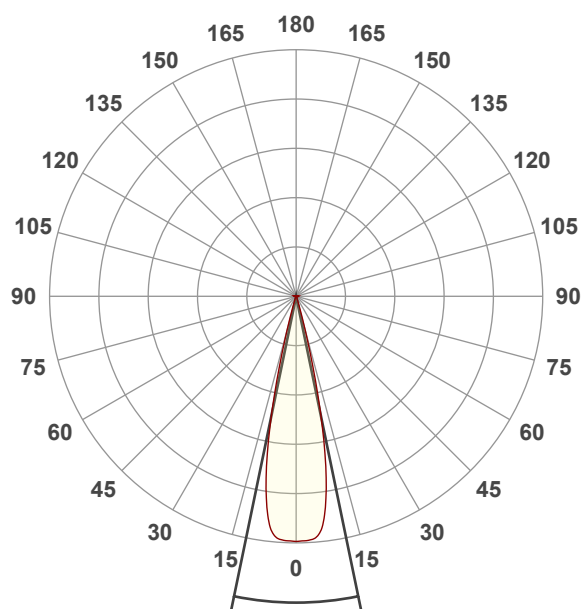
5600K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 16:08:13

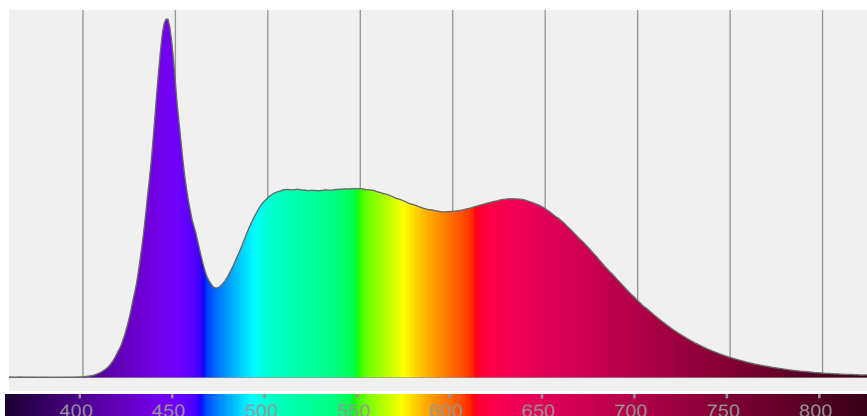


Beam angle 50%: 23,4°

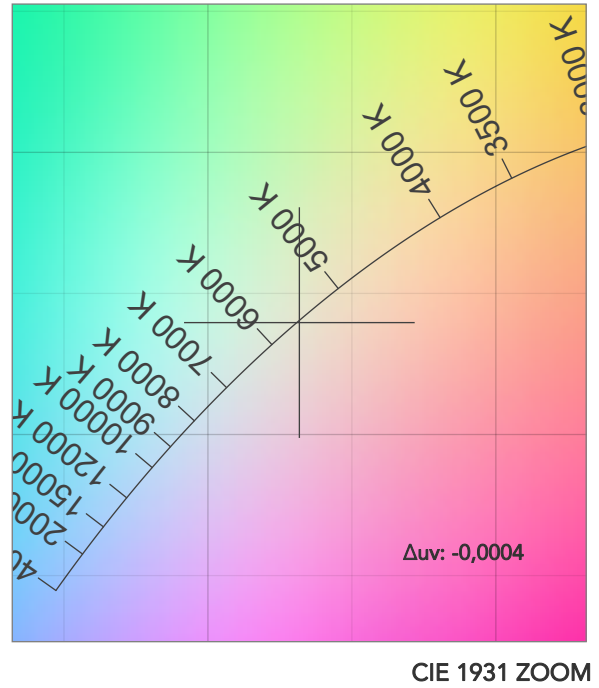
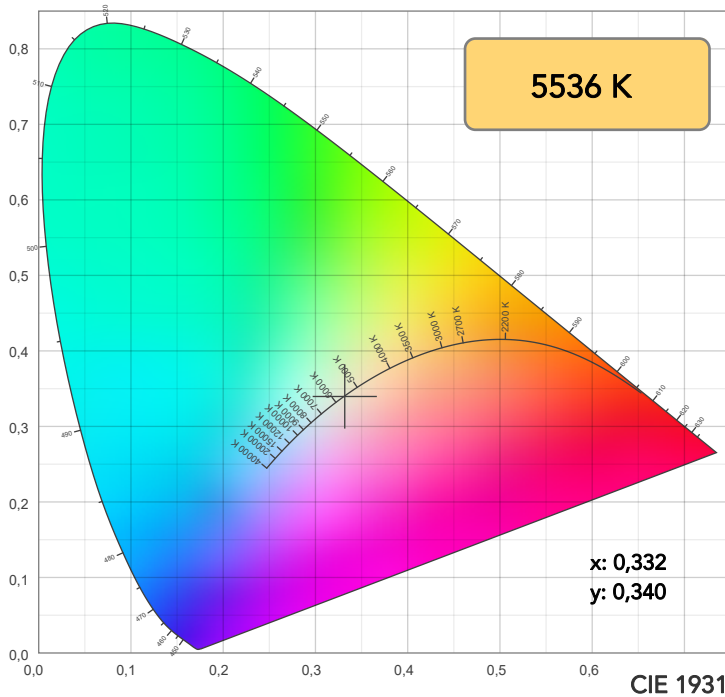
Field angle 10%: 31,4°

Cut off angle 2.5%: 37,1°

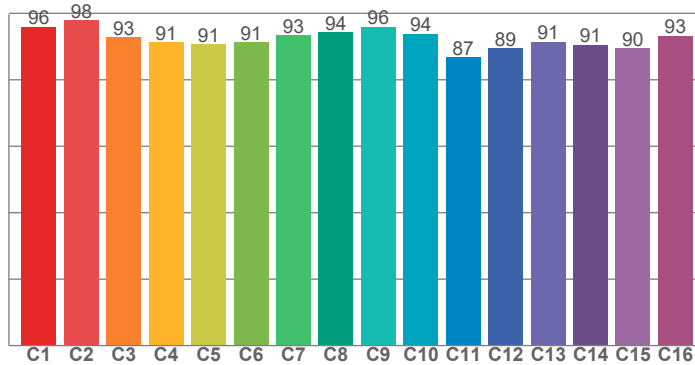
Spectra



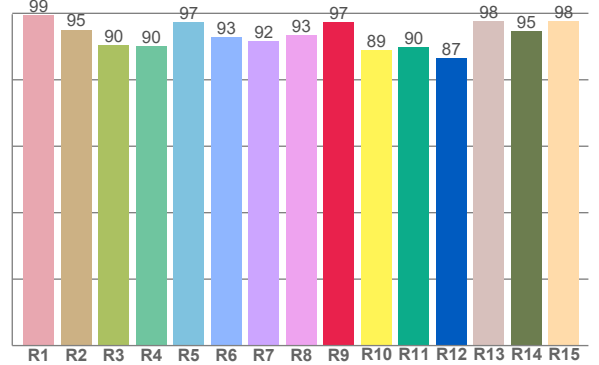
COLOR DETAILS



TM30: 92,3



CRI: 93,8 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99,4	95,1	90,3	90,2	97,4	92,8	91,6	93,3	97,3	88,8	89,9	86,6	97,7	94,6	97,7

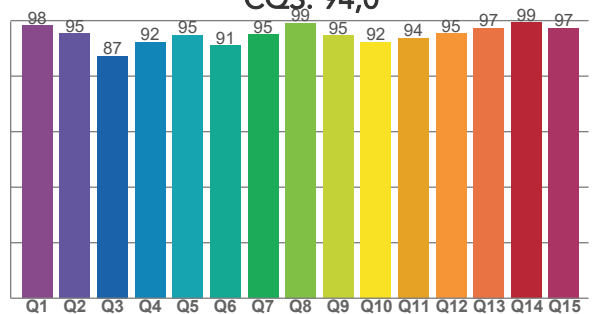
TM30 C values, 16 binned values out of total of 99 C values

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

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,2	95,4	87,3	92,2	94,8	91,1	95,0	99,1	94,6	92,4	93,8	95,3	97,4	99,3	97,3

CQS: 94,0



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5536 K	93,8	97,3	92,3	104,8	94,0	97	0,332	0,340	-0,0004

TM30 DETAILS

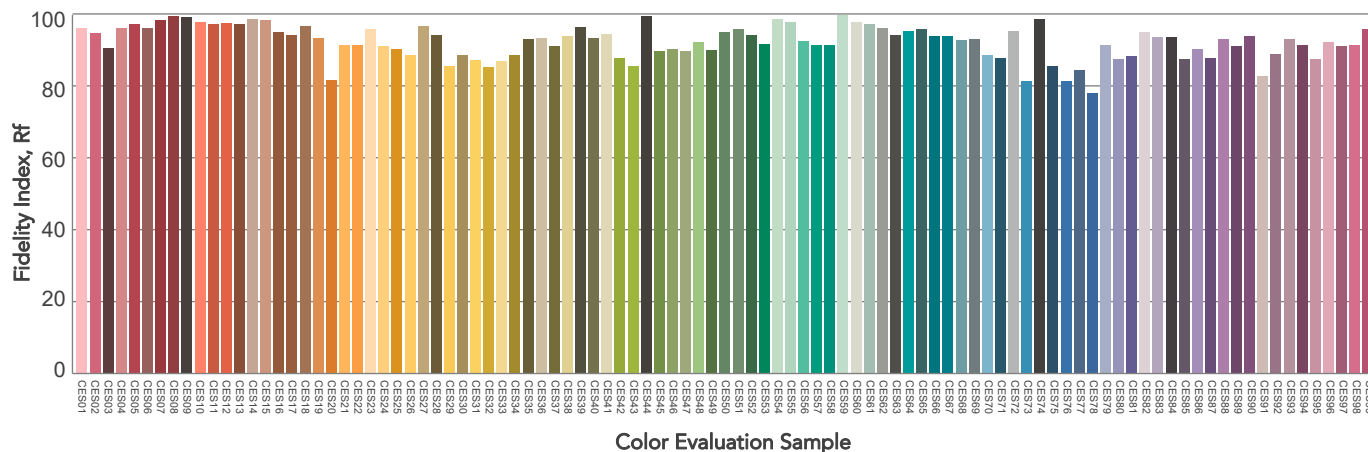
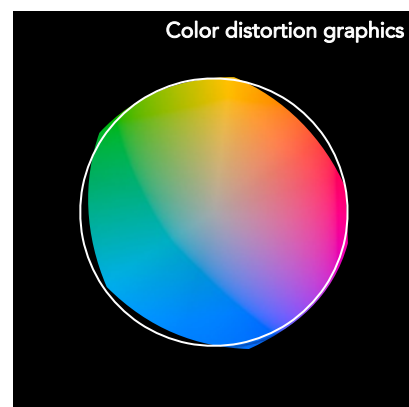
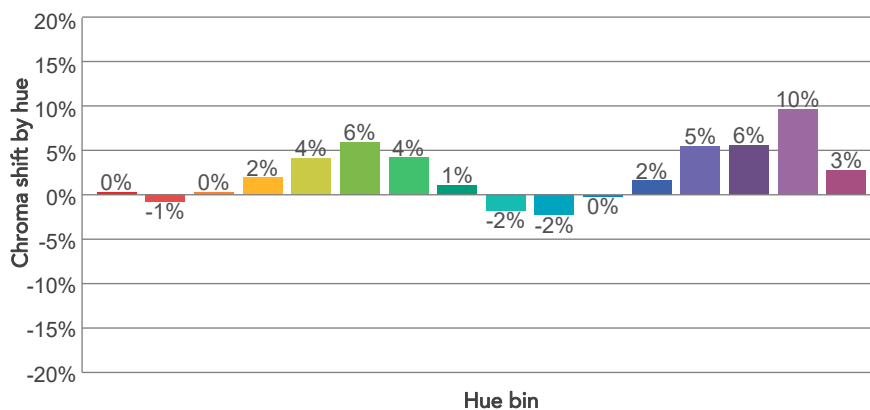
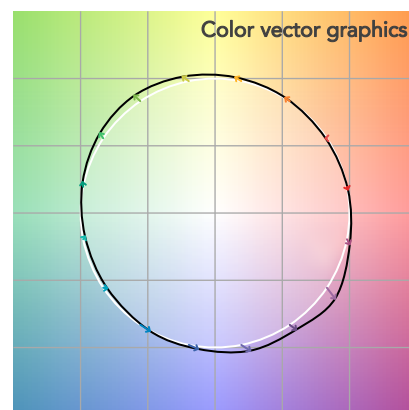
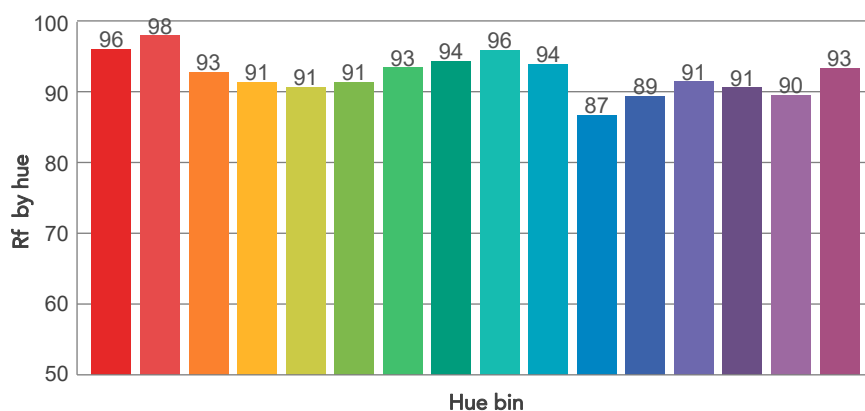
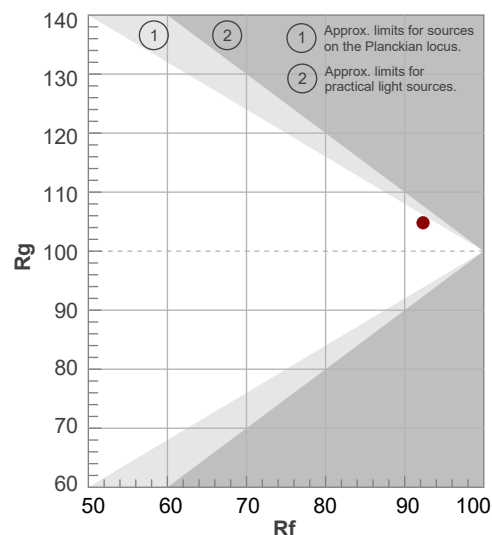
Rf 92,3

Fidelity index Rf

Rg 104,8

Gammut index

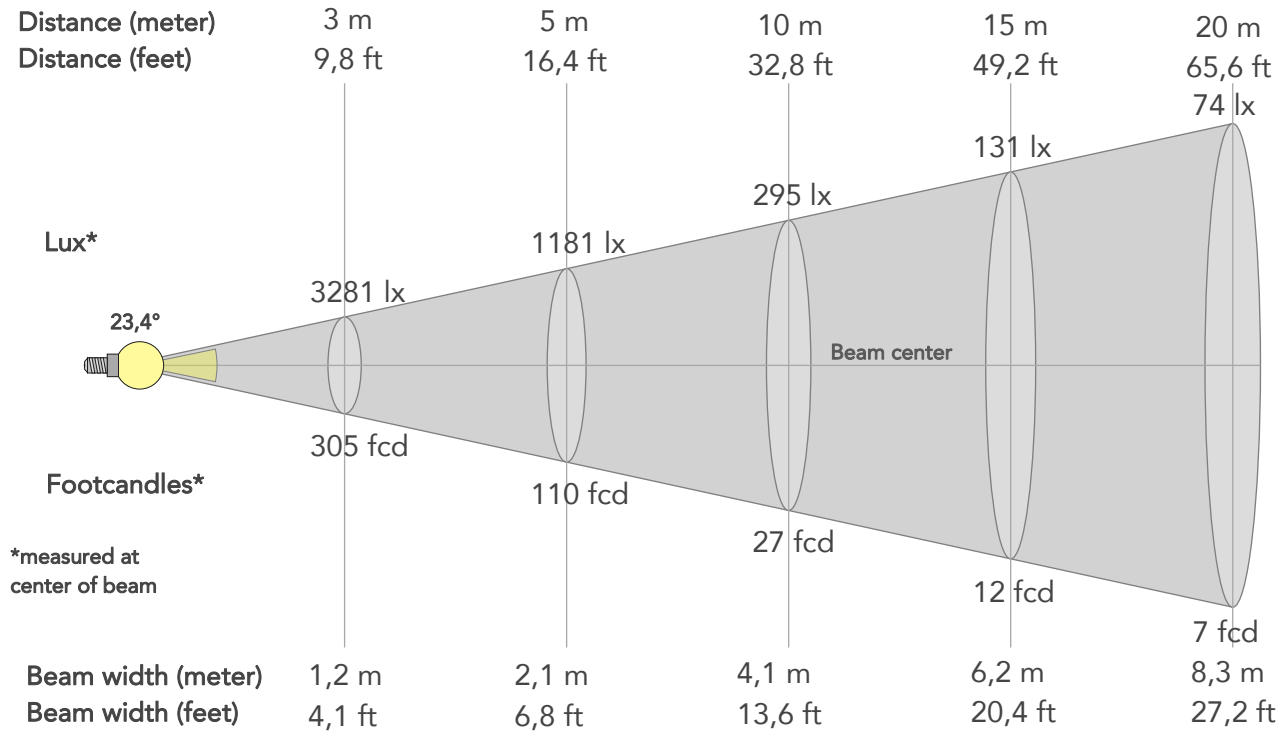
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-2%
2	98	-1%	1%
3	93	0%	4%
4	91	2%	5%
5	91	4%	4%
6	91	6%	1%
7	93	4%	-2%
8	94	1%	-3%
9	96	-2%	-2%
10	94	-2%	2%
11	87	0%	8%
12	89	2%	7%
13	91	5%	6%
14	91	6%	2%
15	90	10%	-3%
16	93	3%	-3%



BEAM DETAILS



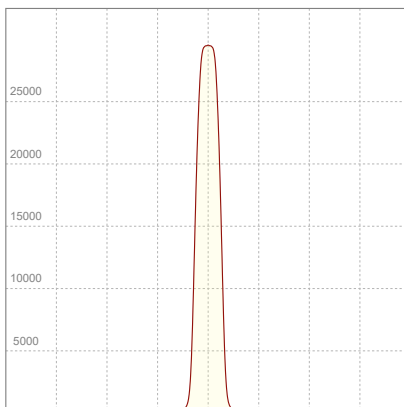
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,4°	31,4°	37,1°	99,5%	98,5%



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	29525lx	7381lx	3281lx	1845lx	1181lx	525lx	295lx	131lx	74lx	47lx	33lx	18lx	12lx
Footcand.	2743fcd	686fcd	305fcd	171fcd	110fcd	49fcd	27fcd	12fcd	7fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,7m	2,1m	3,1m	4,1m	6,2m	8,3m	10,4m	12,4m	16,6m	20,7m
Beam wid.	1,4ft	2,7ft	4,1ft	5,4ft	6,8ft	10,2ft	13,6ft	20,4ft	27,2ft	34ft	40,7ft	54,3ft	67,9ft

LINEAR DISTRIBUTION DIAGRAM

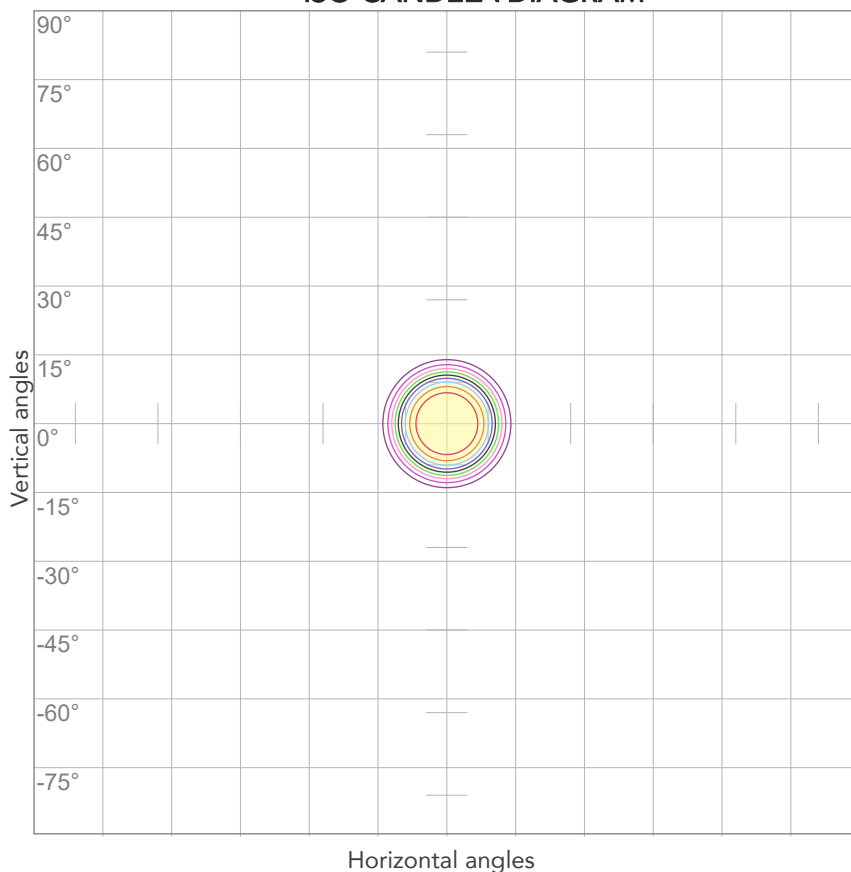


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
225V	0,419A	92,4W	0,98	47lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



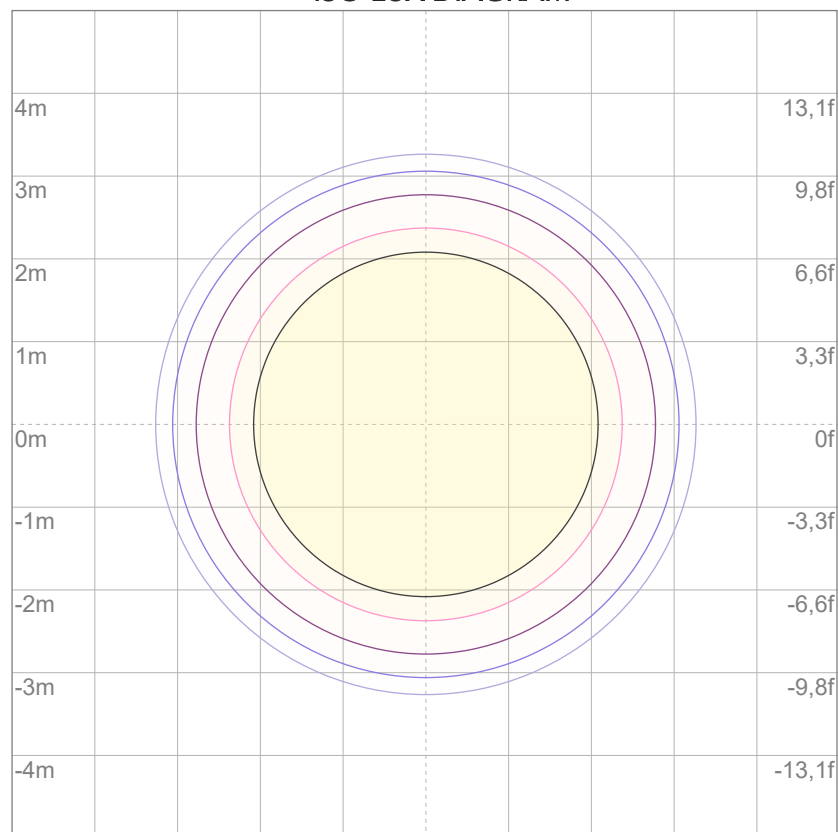
10%	2953 cd
20%	5905 cd
30%	8858 cd
40%	11810 cd
50%	14763 cd
60%	17715 cd
70%	20668 cd
80%	23620 cd

Conditions:

Number of c-planes: 2

Candela at center: 29525 cd

ISO LUX DIAGRAM



3%	8,86 lx
5%	14,8 lx
10%	29,5 lx
30%	88,6 lx
50%	148 lx

Conditions:

Number of c-planes: 2

Lux at center: 295 lx

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



Total lumen output:

2851 lm

Peak candela output:

90204 cd

Light quality:

CRI: 93,8

Color temperature:

5592 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

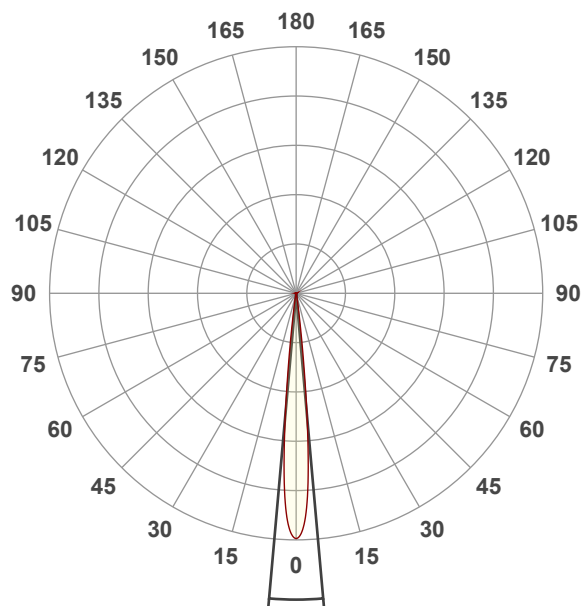
5600K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 15:04:18

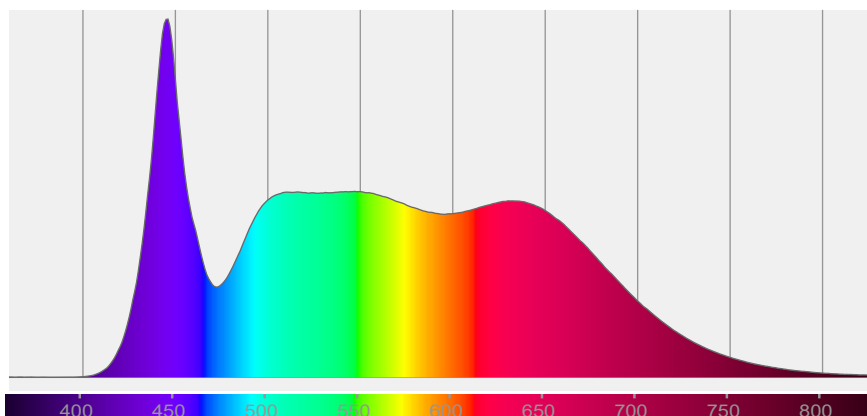


Beam angle 50%: 10,1°

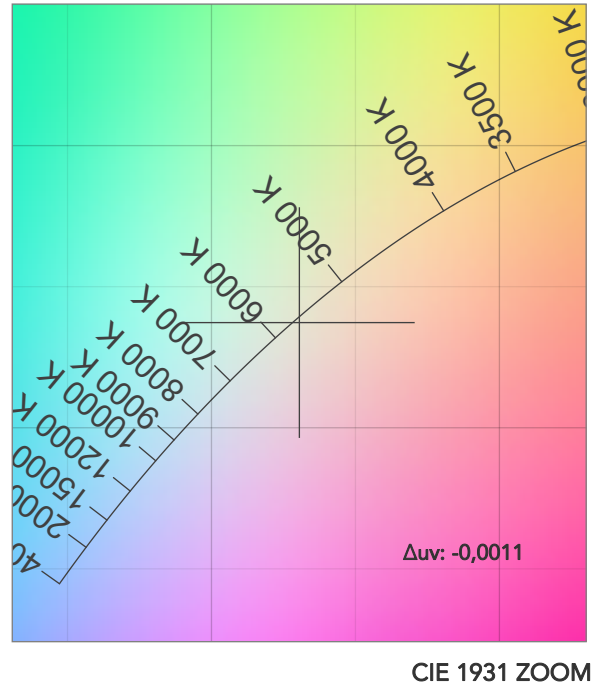
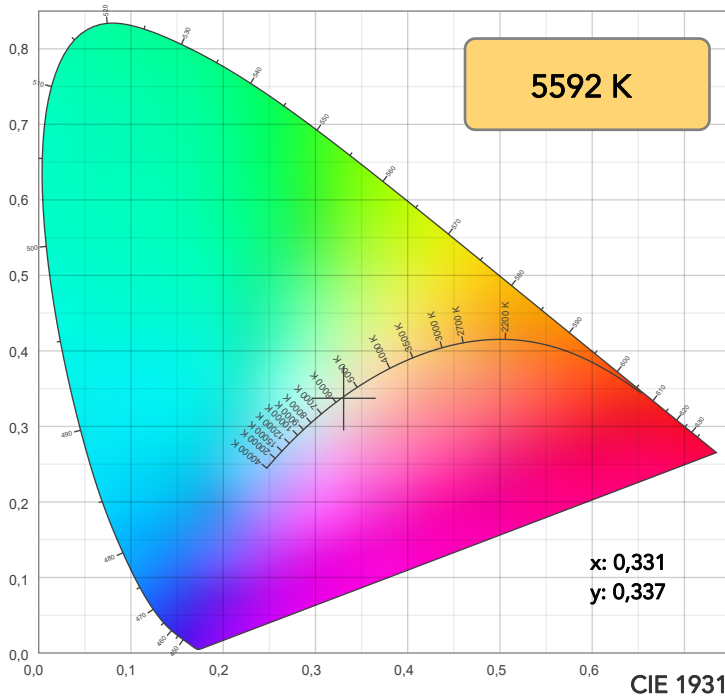
Field angle 10%: 15,4°

Cut off angle 2.5%: 19,3°

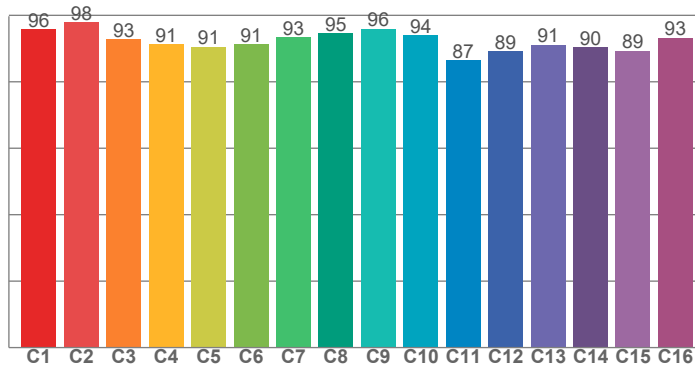
Spectra



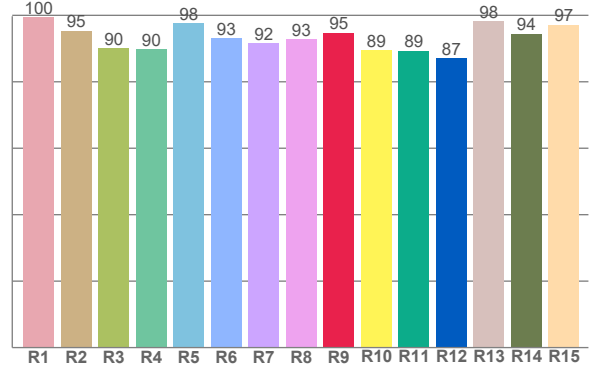
COLOR DETAILS



TM30: 92,3



CRI: 93,8 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99,5	95,4	90,2	89,9	97,6	93,1	91,6	92,9	94,8	89,4	89,4	87,0	98,2	94,4	97,2

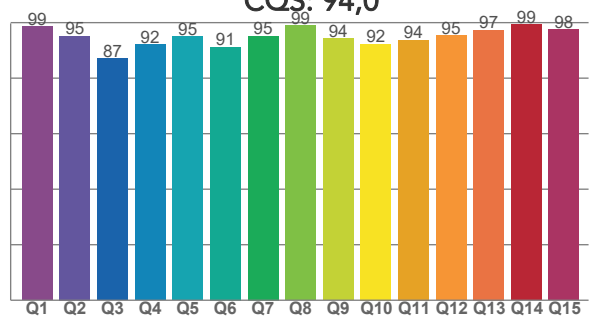
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,9	98,0	92,8	91,3	90,6	91,2	93,3	94,5	96,0	93,9	86,5	89,2	91,1	90,3	89,3	93,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,5	95,2	87,1	92,1	95,0	91,2	95,2	98,9	94,3	92,3	93,7	95,3	97,4	99,3	97,6

CQS: 94,0



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5592 K	93,8	94,8	92,3	105,1	94,0	97	0,331	0,337	-0,0011

TM30 DETAILS

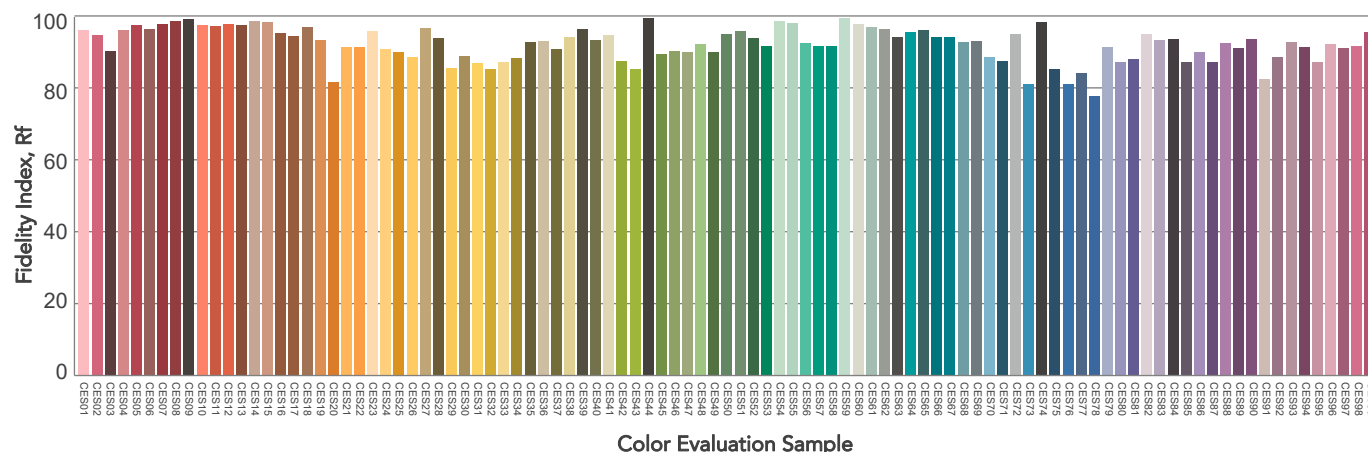
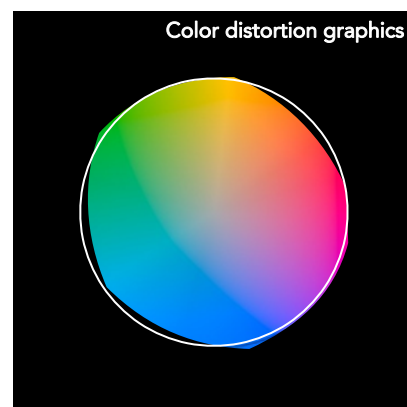
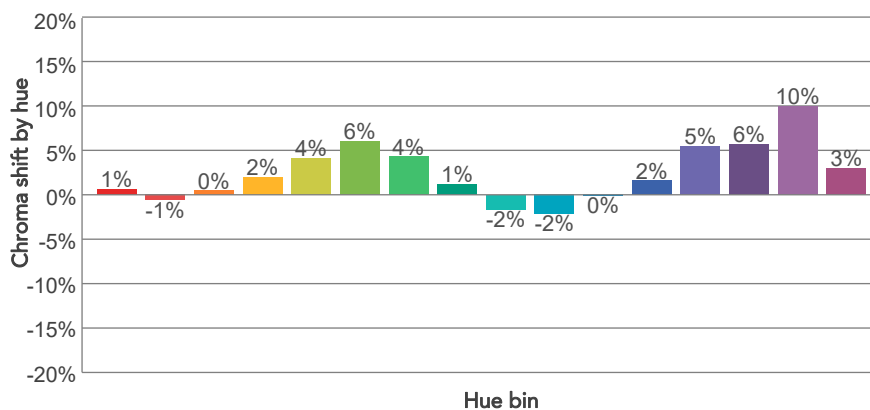
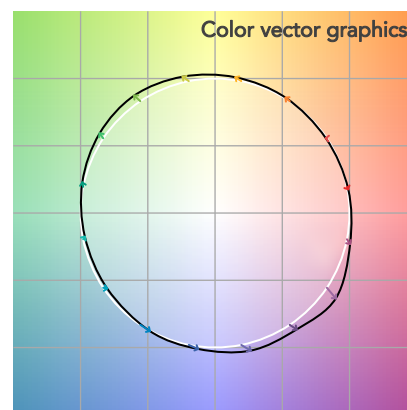
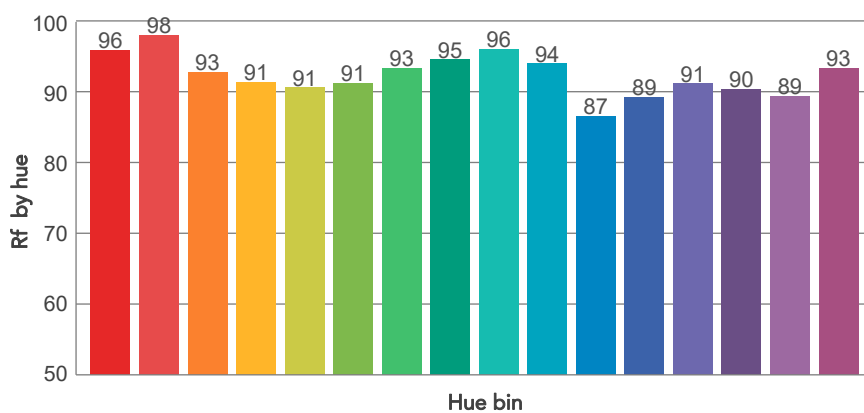
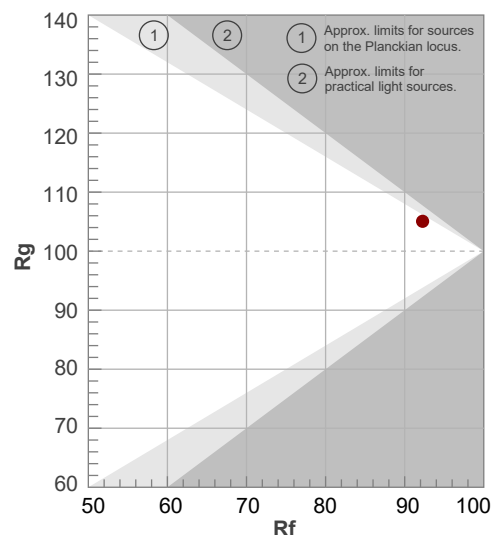
Rf 92,3

Fidelity index Rf

Rg 105,1

Gammut index

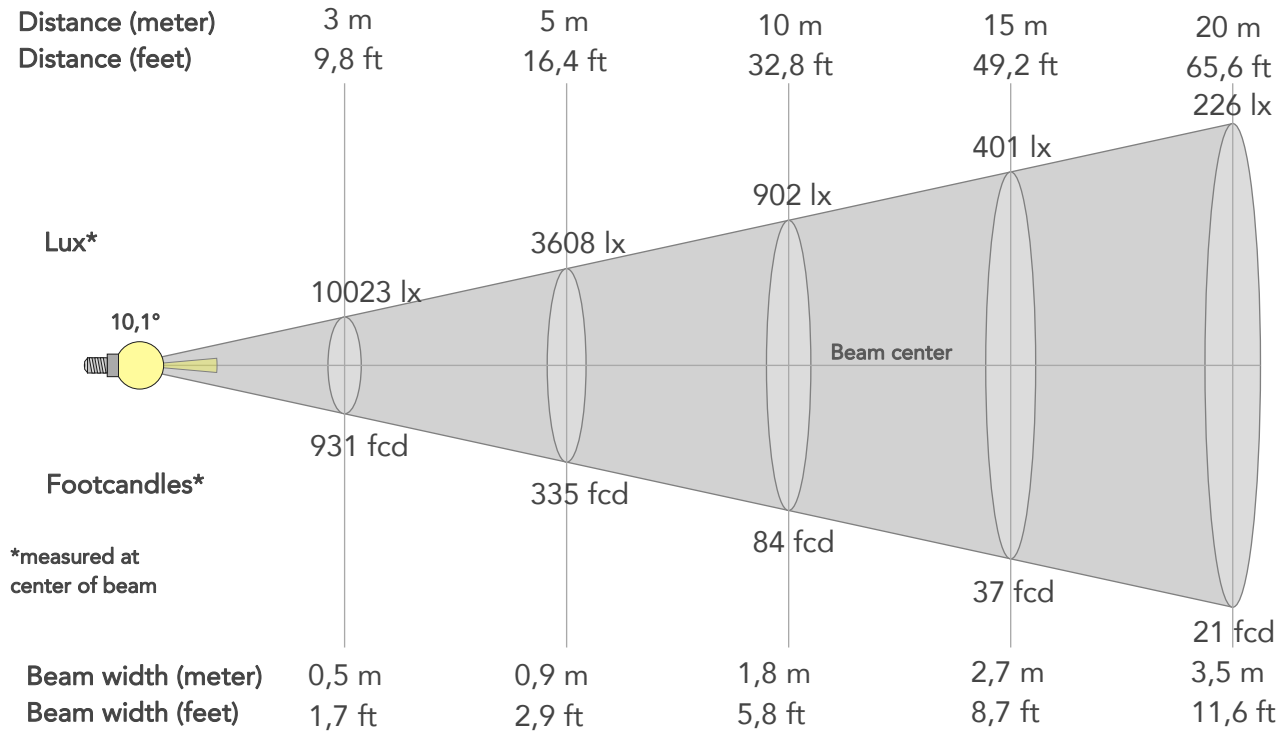
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	-2%
2	98	-1%	1%
3	93	0%	4%
4	91	2%	5%
5	91	4%	4%
6	91	6%	1%
7	93	4%	-2%
8	95	1%	-3%
9	96	-2%	-2%
10	94	-2%	2%
11	87	0%	8%
12	89	2%	7%
13	91	5%	6%
14	90	6%	2%
15	89	10%	-3%
16	93	3%	-3%



BEAM DETAILS



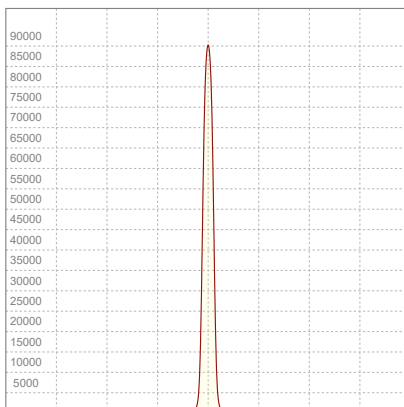
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,1°	15,4°	19,3°	99,5%	98,4%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	90204lx	22551lx	10023lx	5638lx	3608lx	1604lx	902lx	401lx	226lx	144lx	100lx	56lx	36lx
Footcand.	8380fcd	2095fcd	931fcd	524fcd	335fcd	149fcd	84fcd	37fcd	21fcd	13fcd	9fcd	5fcd	3fcd
Beam wid.	0,2m	0,4m	0,5m	0,7m	0,9m	1,3m	1,8m	2,7m	3,5m	4,4m	5,3m	7,1m	8,9m
Beam wid.	0,6ft	1,2ft	1,7ft	2,3ft	2,9ft	4,4ft	5,8ft	8,7ft	11,6ft	14,5ft	17,5ft	23,3ft	29,1ft

LINEAR DISTRIBUTION DIAGRAM

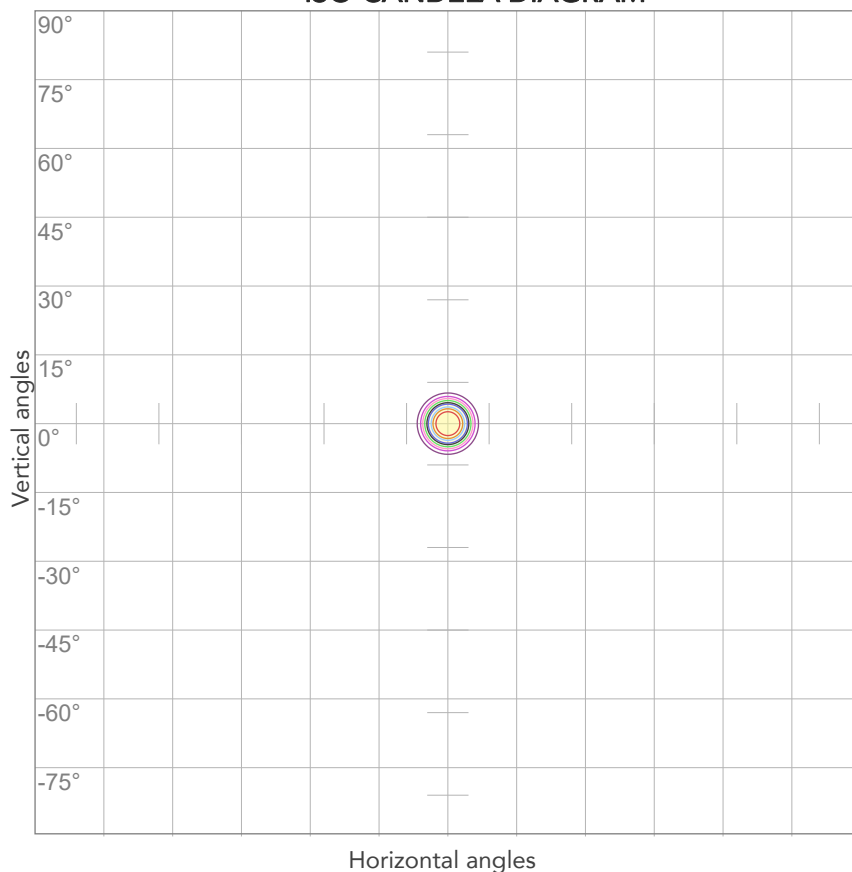


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,421A	93,2W	0,98	31lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



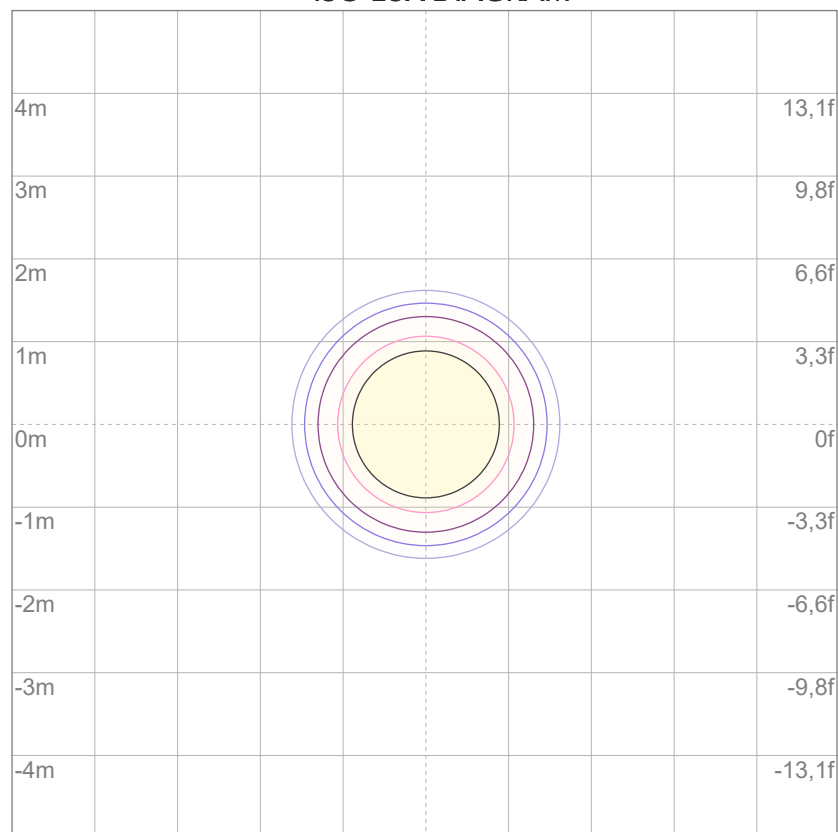
10%	9020 cd
20%	18041 cd
30%	27061 cd
40%	36082 cd
50%	45102 cd
60%	54123 cd
70%	63143 cd
80%	72164 cd

Conditions:

Number of c-planes: 2

Candela at center: 90204 cd

ISO LUX DIAGRAM



3%	27,1 lx
5%	45,1 lx
10%	90,2 lx
30%	271 lx
50%	451 lx

Conditions:

Number of c-planes: 2

Lux at center: 902 lx

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



Total lumen output:

4596 lm

Peak candela output:

8566 cd

Light quality:

CRI: 93,0

Color temperature:

5937 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Max Zoom

Target:

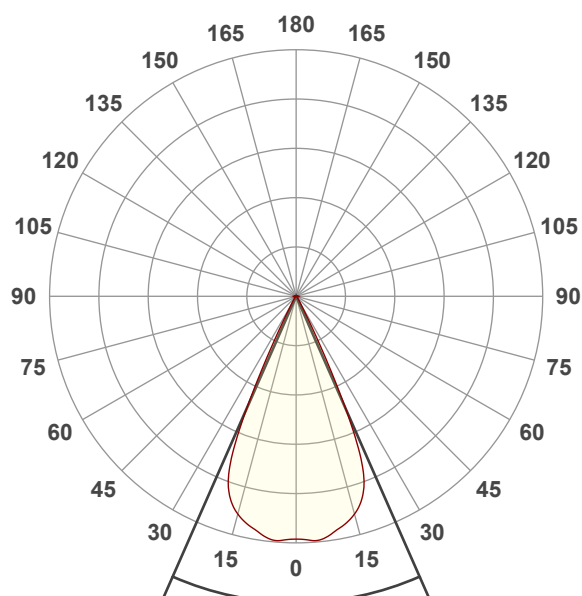
6000K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 17:26:09

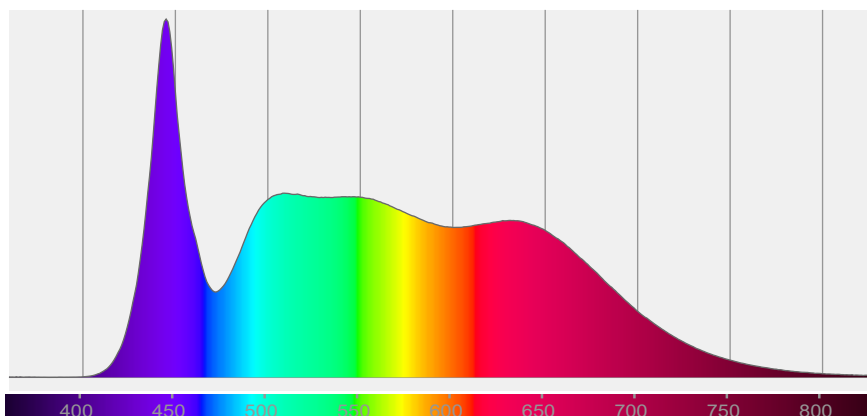


Beam angle 50%: 47,5°

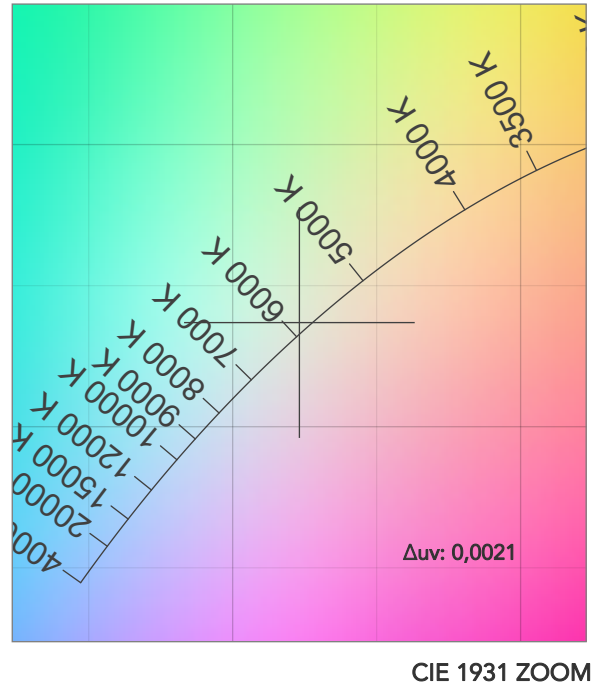
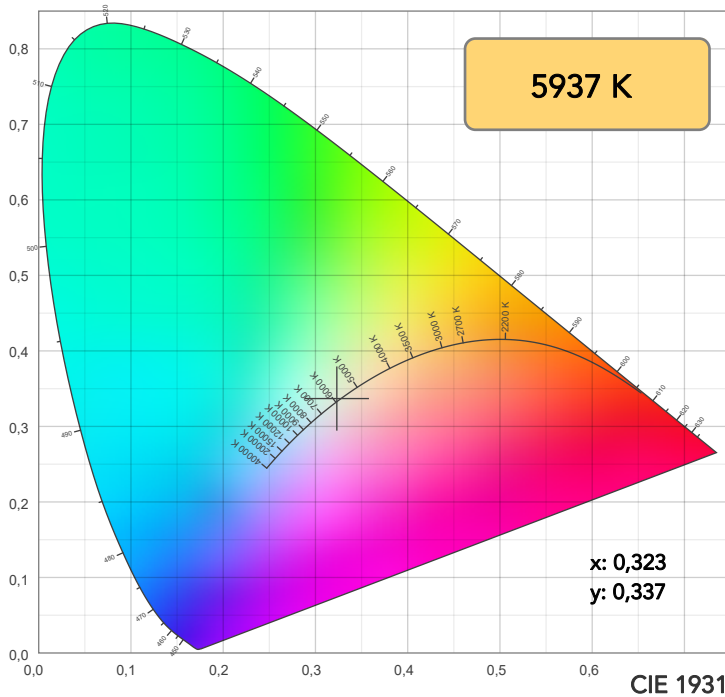
Field angle 10%: 55,7°

Cut off angle 2.5%: 66,6°

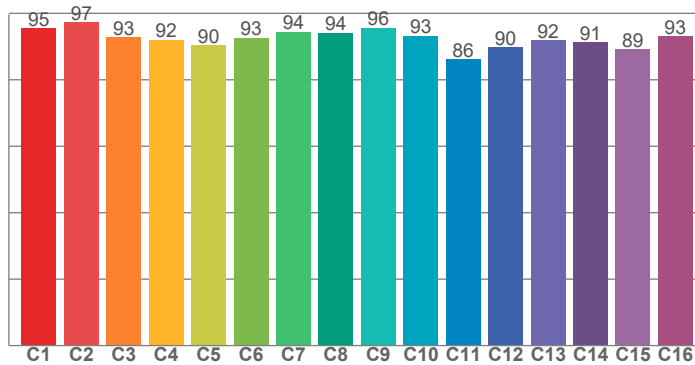
Spectra



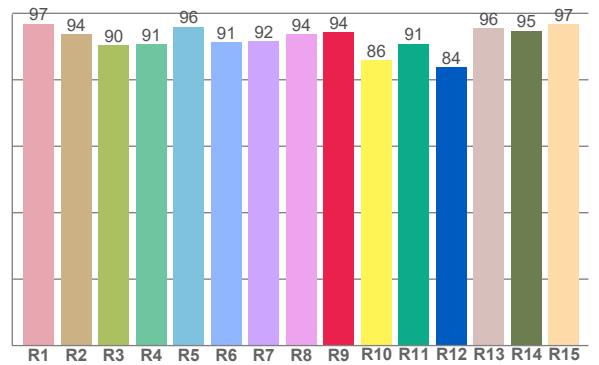
COLOR DETAILS



TM30: 92,3



CRI: 93,0 (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
96,9	93,7	90,3	90,8	96,0	91,3	91,6	93,8	94,2	85,9	90,9	83,8	95,5	94,8	96,7

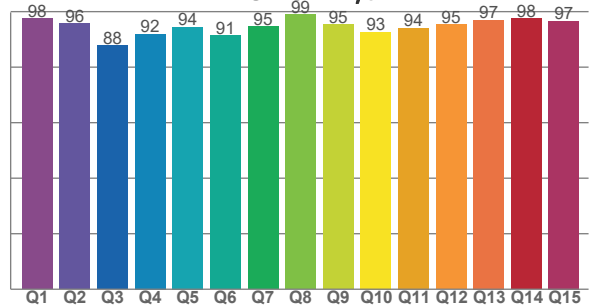
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,4	97,4	92,7	92,0	90,4	92,7	94,4	94,2	95,7	93,3	86,1	89,7	91,9	91,2	89,1	93,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,6	95,8	87,7	91,9	94,5	91,4	94,7	99,0	95,4	92,6	94,0	95,4	97,0	97,5	96,6

CQS: 94,0



COLOR PARAMETERS

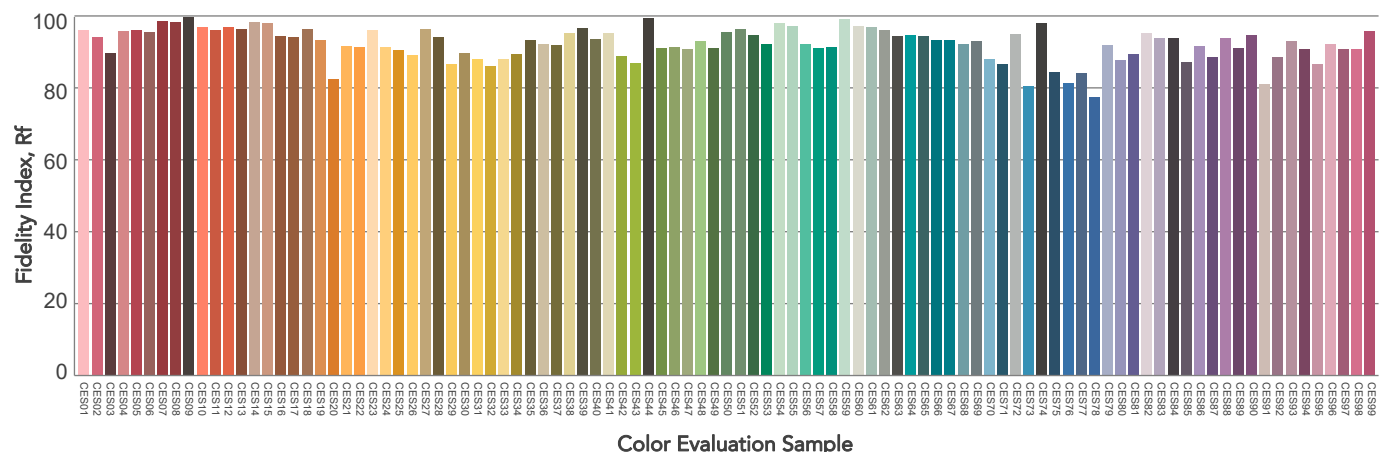
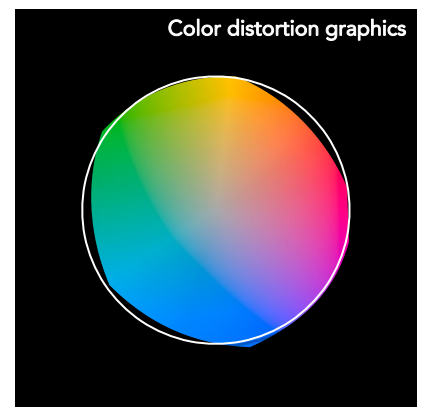
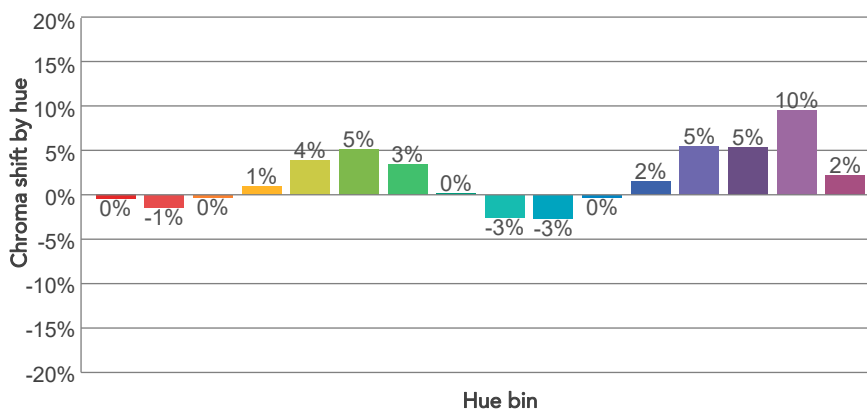
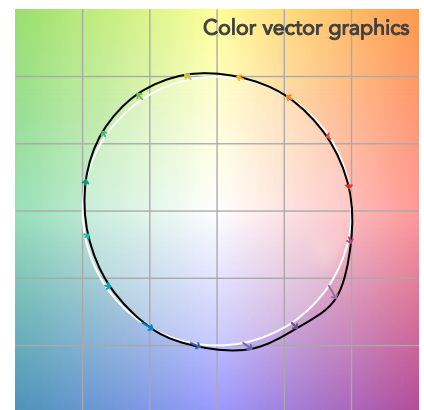
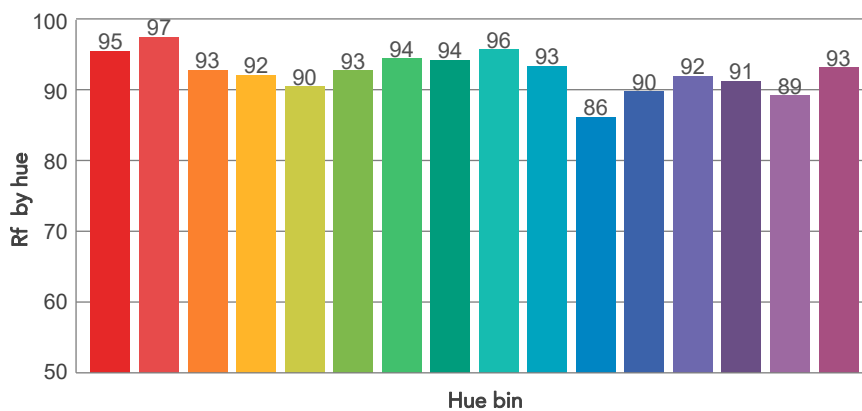
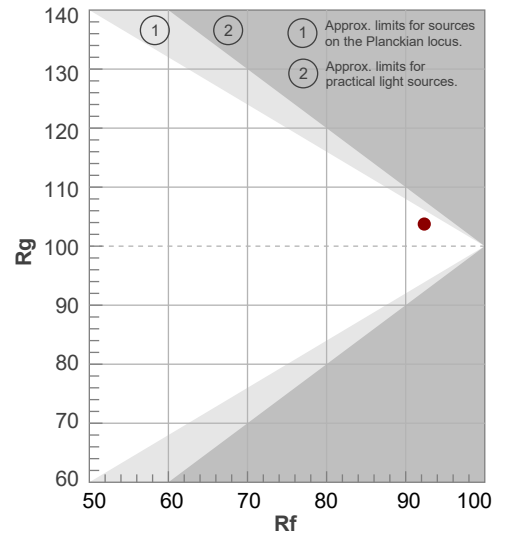
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5937 K	93,0	94,2	92,3	103,7	94,0	98	0,323	0,337	0,0021

TM30 DETAILS

Rf 92,3
Fidelity index Rf

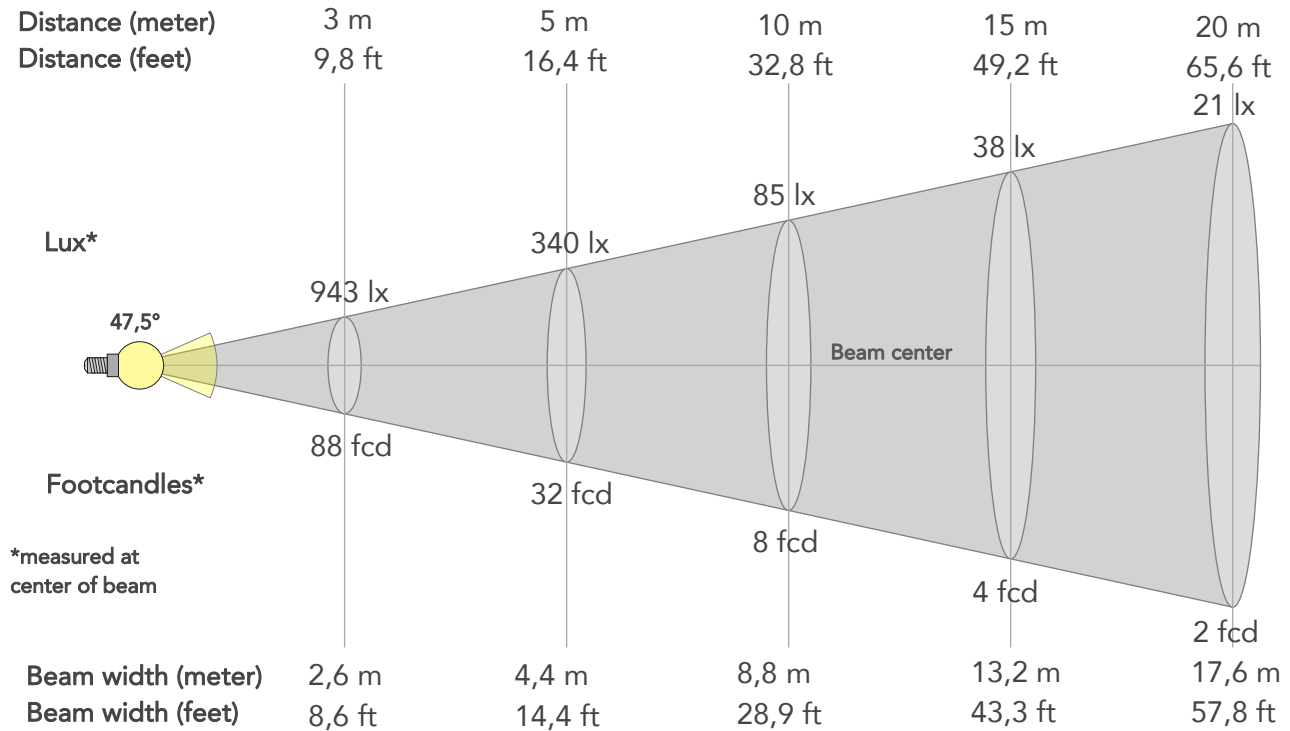
Rg 103,7
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-2%
2	97	-1%	0%
3	93	0%	4%
4	92	1%	5%
5	90	4%	3%
6	93	5%	1%
7	94	3%	-2%
8	94	0%	-3%
9	96	-3%	-1%
10	93	-3%	2%
11	86	0%	9%
12	90	2%	7%
13	92	5%	5%
14	91	5%	1%
15	89	10%	-5%
16	93	2%	-4%



BEAM DETAILS

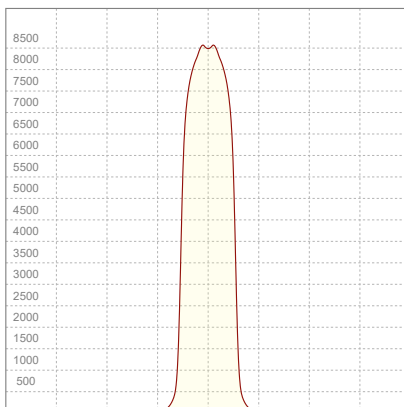
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
47,5°	55,7°	66,6°	99,6%	98,7%



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	8489lx	2122lx	943lx	531lx	340lx	151lx	85lx	38lx	21lx	14lx	9lx	5lx	3lx
Footcand.	789fcd	197fcd	88fcd	49fcd	32fcd	14fcd	8fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,8m	2,6m	3,5m	4,4m	6,6m	8,8m	13,2m	17,6m	22m	26,4m	35,2m	44m
Beam wid.	2,9ft	5,8ft	8,6ft	11,5ft	14,4ft	21,7ft	28,9ft	43,3ft	57,8ft	72,2ft	86,7ft	115,6ft	144,5ft

LINEAR DISTRIBUTION DIAGRAM

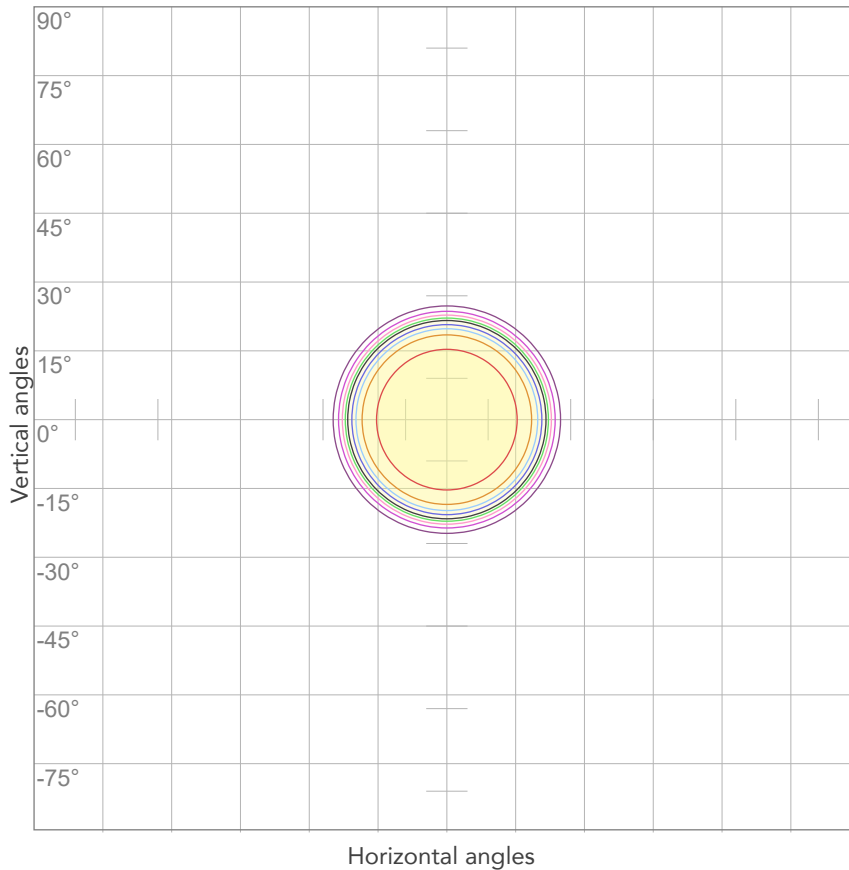


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,376A	82,9W	0,97	55lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



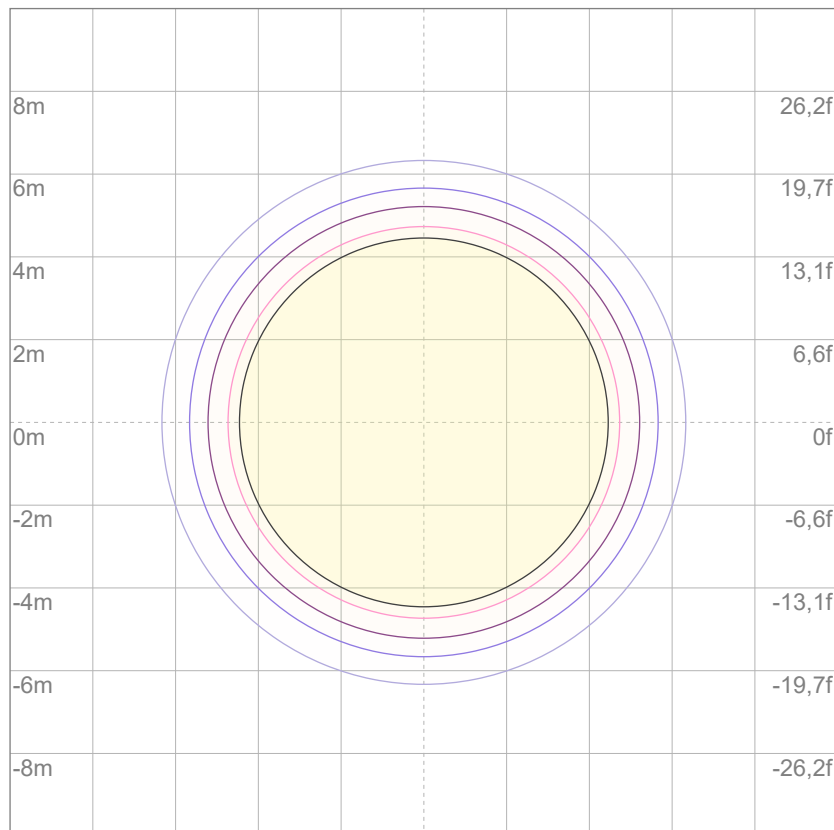
10%	849 cd
20%	1698 cd
30%	2547 cd
40%	3396 cd
50%	4245 cd
60%	5094 cd
70%	5942 cd
80%	6791 cd

Conditions:

Number of c-planes: 2

Candela at center: 8489 cd

ISO LUX DIAGRAM



3%	2,55 lx
5%	4,24 lx
10%	8,49 lx
30%	25,5 lx
50%	42,4 lx

Conditions:

Number of c-planes: 2

Lux at center: 84,9 lx

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



Total lumen output:

4104 lm

Peak candela output:

27926 cd

Light quality:

CRI: 93,2

Color temperature:

5913 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Med Zoom

Target:

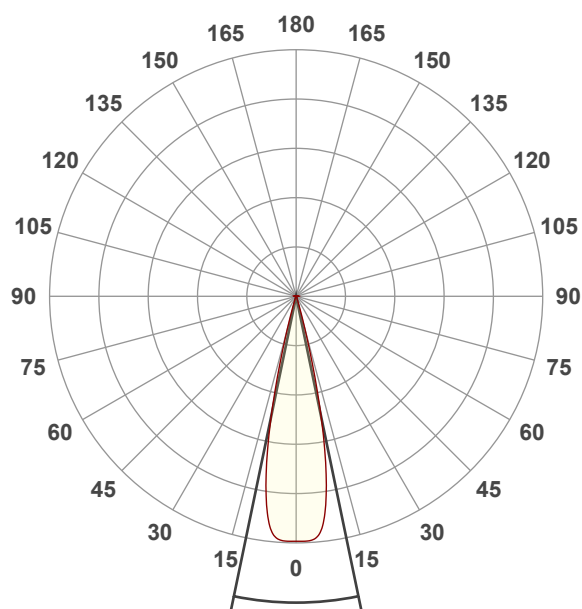
6000K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 16:12:25

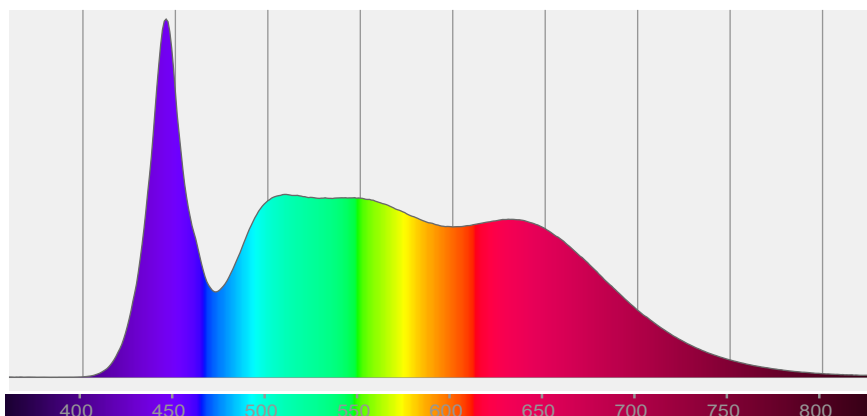


Beam angle 50%: 23,5°

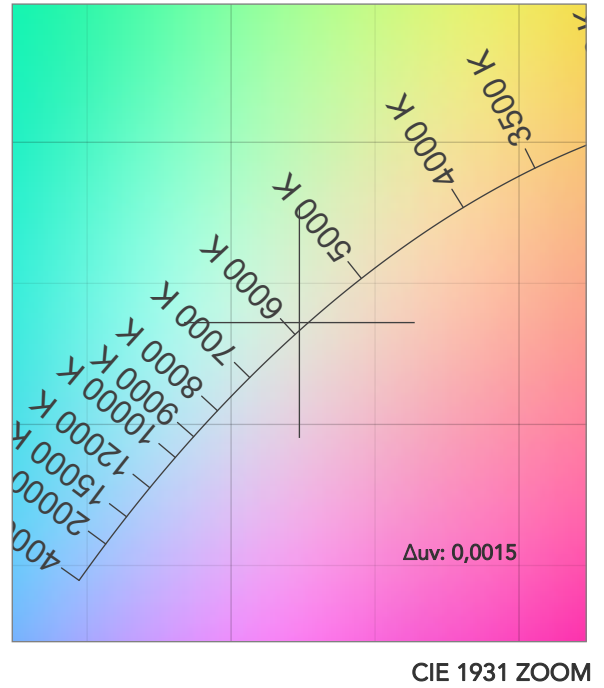
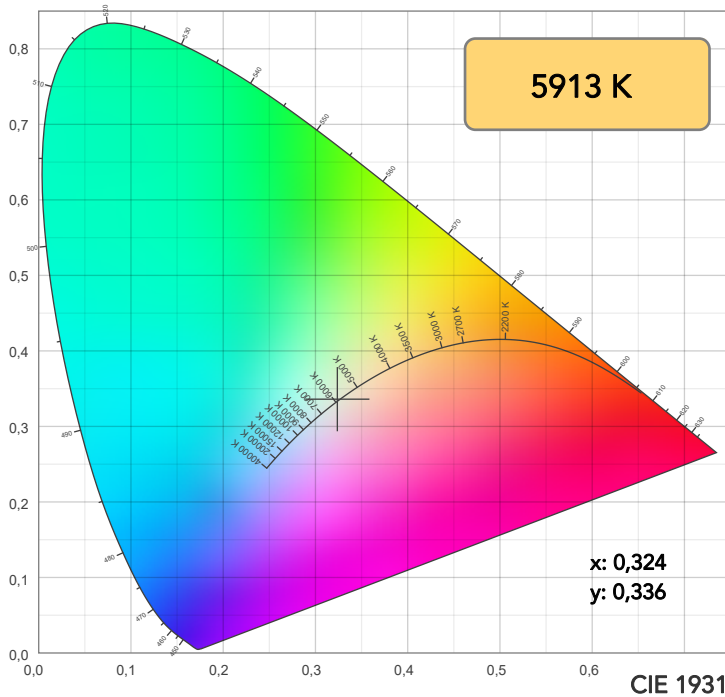
Field angle 10%: 31,4°

Cut off angle 2.5%: 37°

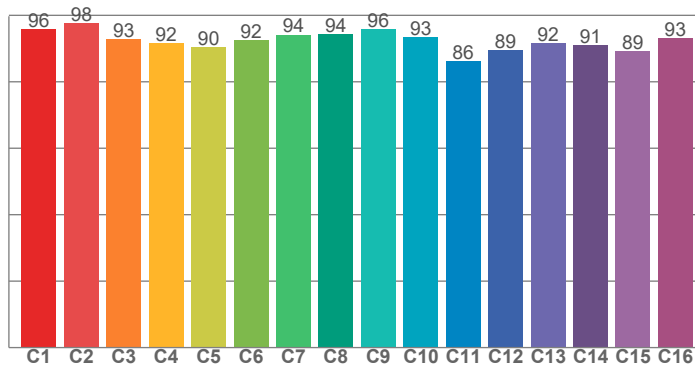
Spectra



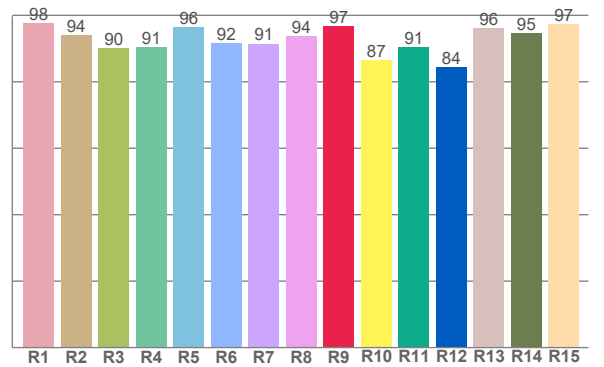
COLOR DETAILS



TM30: 92,3



CRI: 93,2 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,6	94,0	90,2	90,5	96,4	91,6	91,4	93,6	96,7	86,5	90,5	84,5	96,2	94,7	97,4

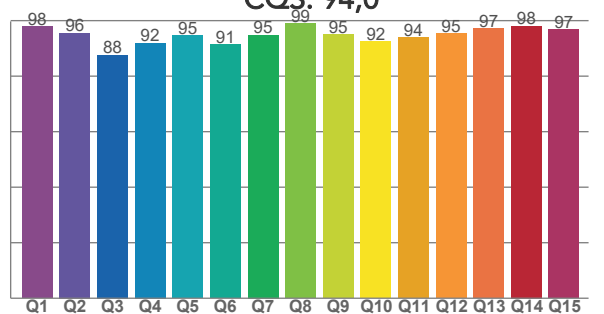
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,7	97,6	92,8	91,6	90,3	92,4	94,2	94,3	95,7	93,4	86,2	89,5	91,6	91,0	89,2	93,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97,8	95,6	87,6	92,0	94,6	91,4	94,9	99,0	95,1	92,5	93,9	95,4	97,2	98,1	96,9

CQS: 94,0



COLOR PARAMETERS

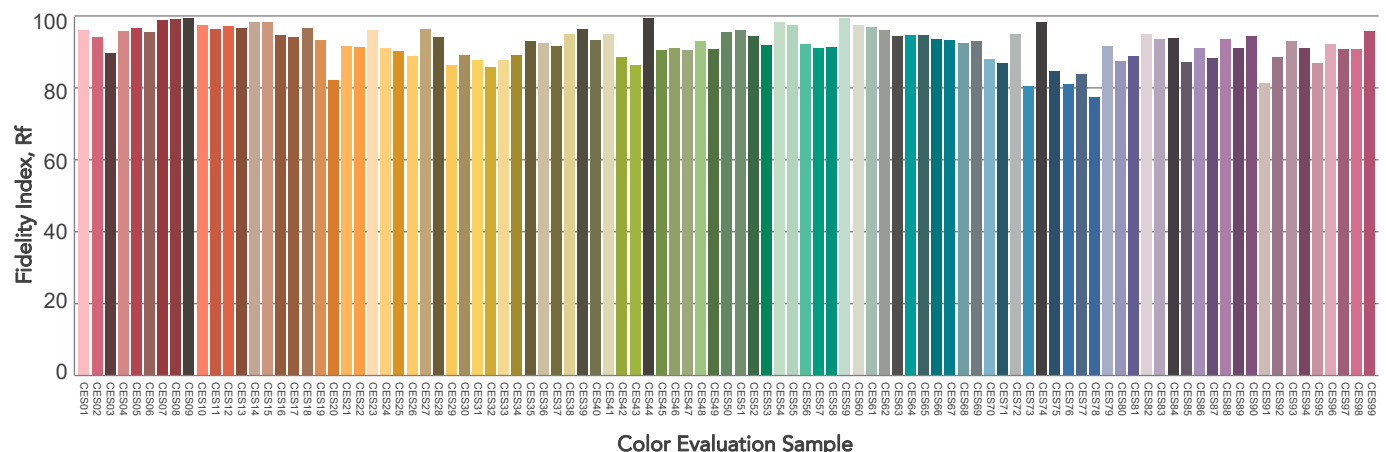
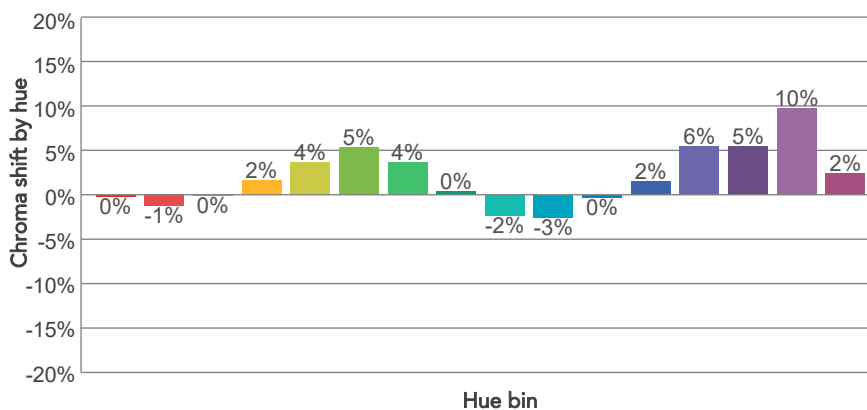
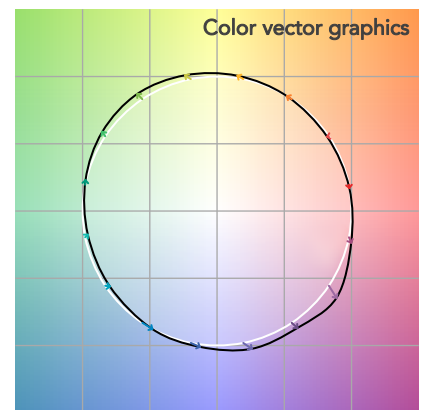
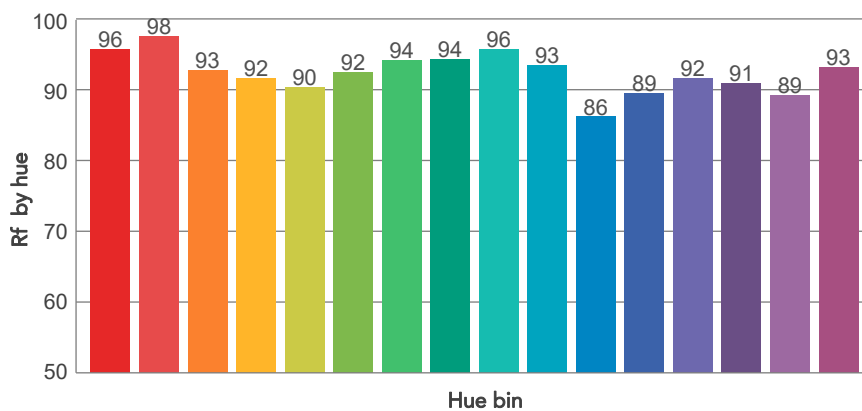
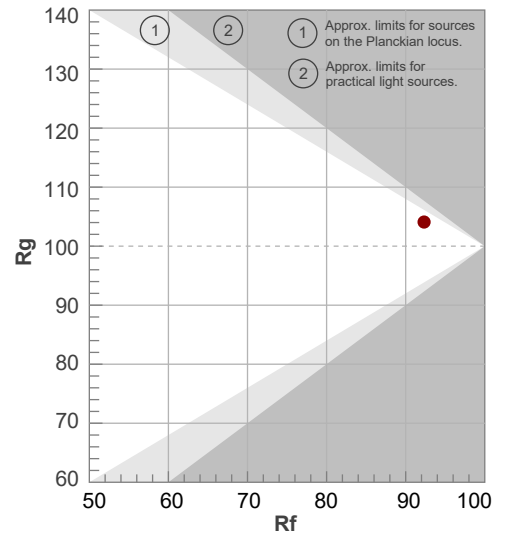
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5913 K	93,2	96,7	92,3	104,1	94,0	97	0,324	0,336	0,0015

TM30 DETAILS

Rf 92,3
Fidelity index Rf

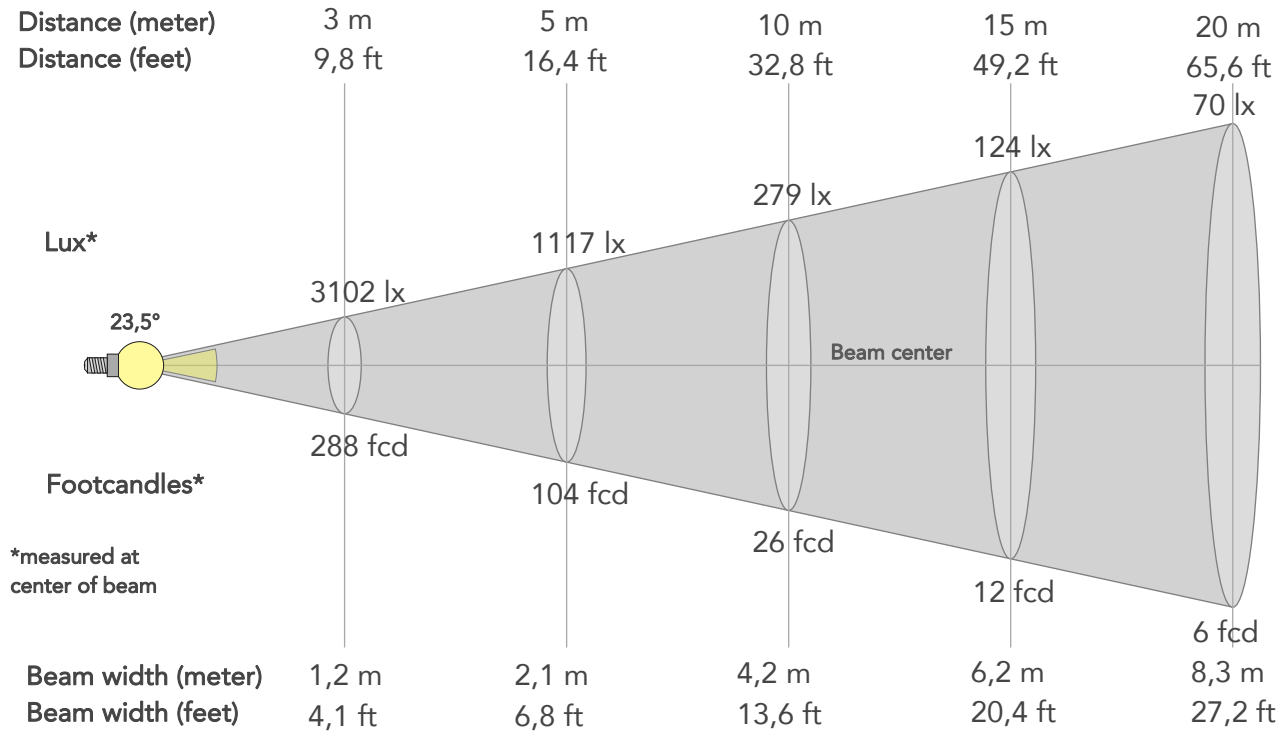
Rg 104,1
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-2%
2	98	-1%	0%
3	93	0%	4%
4	92	2%	5%
5	90	4%	4%
6	92	5%	1%
7	94	4%	-2%
8	94	0%	-3%
9	96	-2%	-1%
10	93	-3%	2%
11	86	0%	9%
12	89	2%	7%
13	92	6%	5%
14	91	5%	1%
15	89	10%	-4%
16	93	2%	-4%



BEAM DETAILS

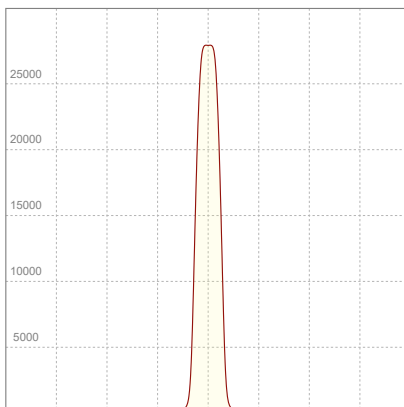
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23,5°	31,4°	37°	99,4%	98,5%



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	27916lx	6979lx	3102lx	1745lx	1117lx	496lx	279lx	124lx	70lx	45lx	31lx	17lx	11lx
Footcand.	2593fcd	648fcd	288fcd	162fcd	104fcd	46fcd	26fcd	12fcd	6fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,7m	2,1m	3,1m	4,2m	6,2m	8,3m	10,4m	12,5m	16,6m	20,8m
Beam wid.	1,4ft	2,7ft	4,1ft	5,4ft	6,8ft	10,2ft	13,6ft	20,4ft	27,2ft	34,1ft	40,9ft	54,5ft	68,1ft

LINEAR DISTRIBUTION DIAGRAM

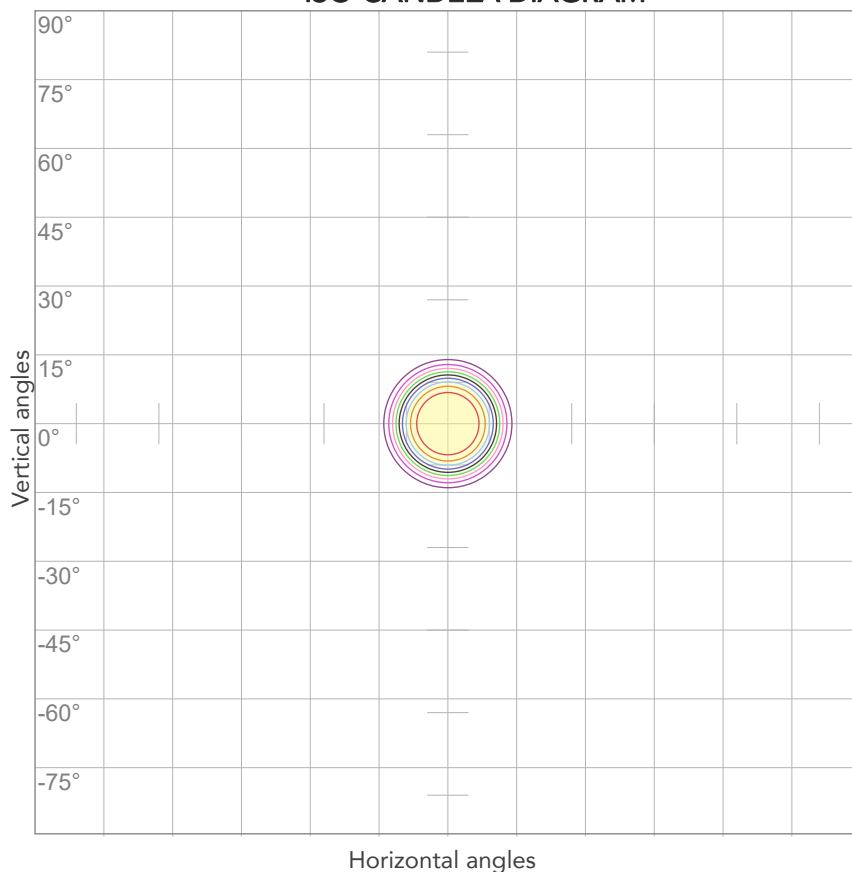


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
226V	0,388A	85,3W	0,97	48lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



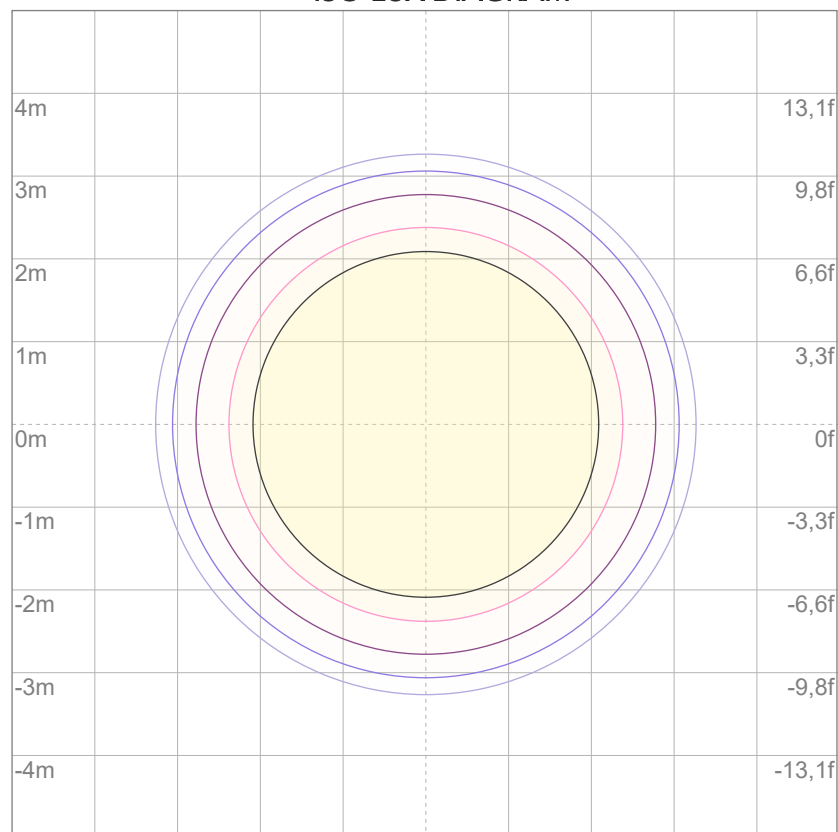
10%	2792 cd
20%	5583 cd
30%	8375 cd
40%	11166 cd
50%	13958 cd
60%	16749 cd
70%	19541 cd
80%	22333 cd

Conditions:

Number of c-planes: 2

Candela at center: 27916 cd

ISO LUX DIAGRAM



3%	8,37 lx
5%	14,0 lx
10%	27,9 lx
30%	83,7 lx
50%	140 lx

Conditions:

Number of c-planes: 2

Lux at center: 279 lx

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



Total lumen output:

2691 lm

Peak candela output:

84391 cd

Light quality:

CRI: 93,4

Color temperature:

5993 K

PRODUCT NAME:

ECLFRFWXSVW

MEASURAMENT CONDITIONS:

Beam angle:

Min Zoom

Target:

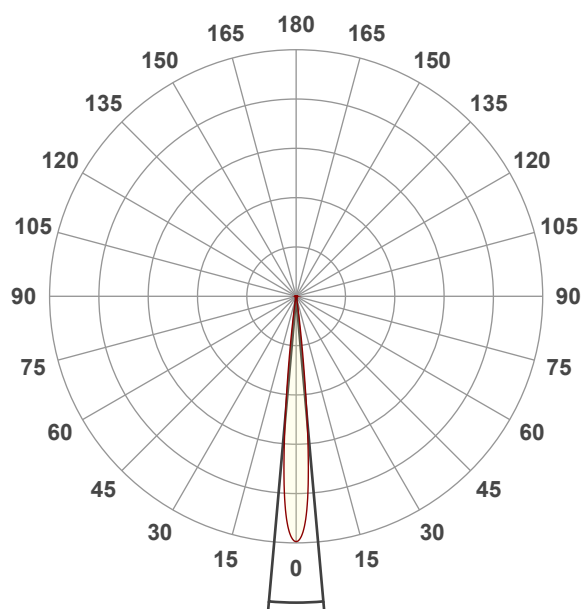
6000K

Operator:

Giuseppe della Peruta

Date and time:

04/02/2026 15:15:08

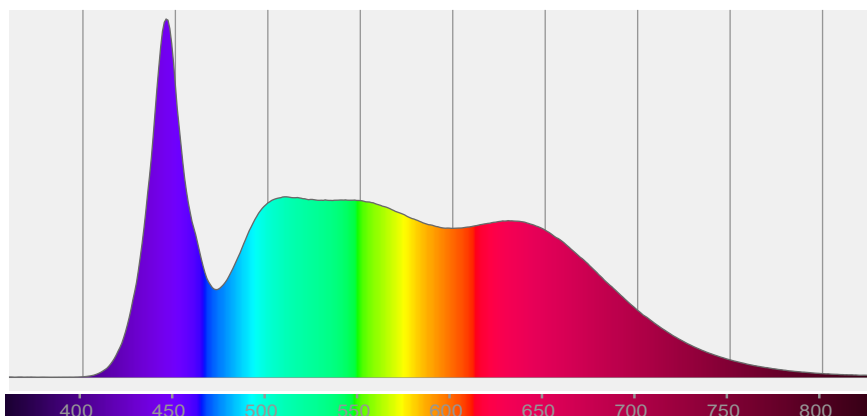


Beam angle 50%: 10,2°

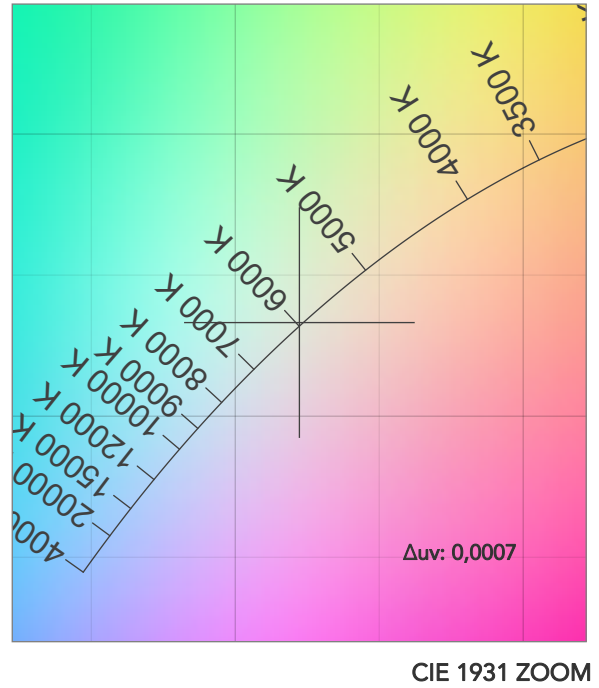
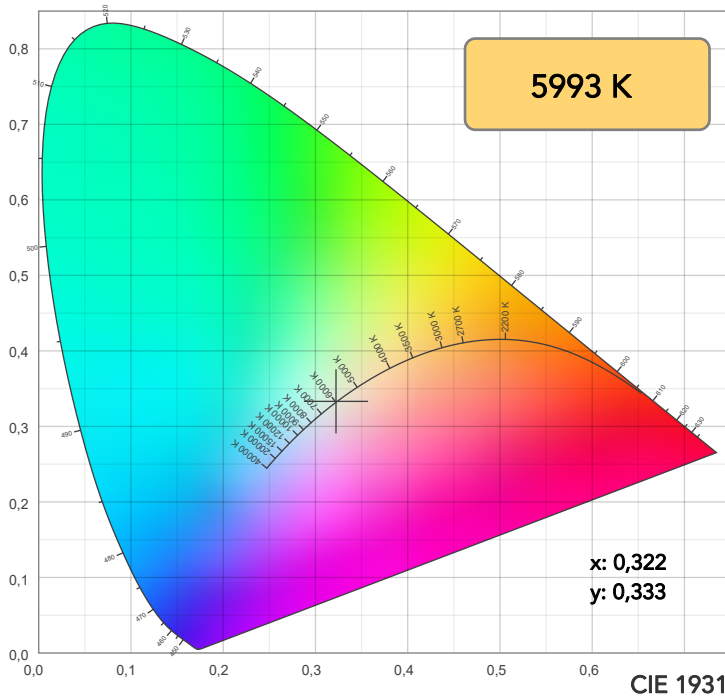
Field angle 10%: 15,4°

Cut off angle 2.5%: 19,4°

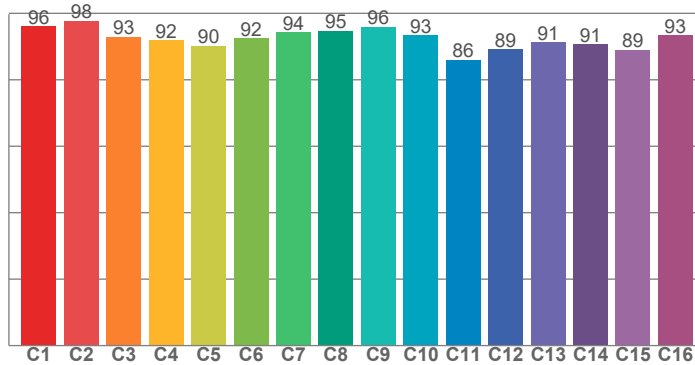
Spectra



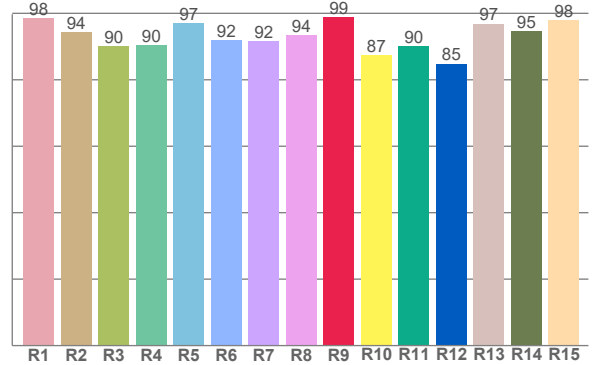
COLOR DETAILS



TM30: 92,4



CRI: 93,4 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,4	94,4	90,0	90,4	97,0	92,0	91,5	93,5	98,8	87,3	90,2	84,8	96,9	94,5	98,0

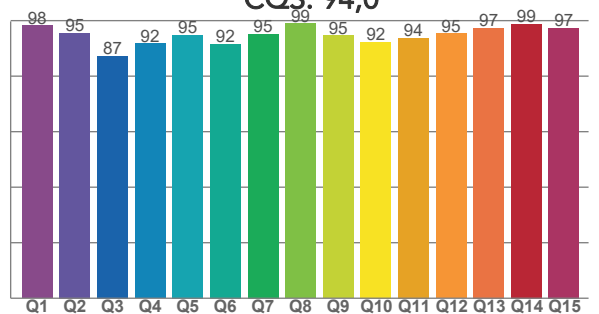
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,0	97,8	92,9	91,9	90,2	92,5	94,2	94,7	95,9	93,5	86,0	89,3	91,3	90,8	89,0	93,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98,3	95,5	87,3	91,8	94,9	91,6	95,1	99,0	94,7	92,4	93,8	95,3	97,3	98,8	97,3

CQS: 94,0



COLOR PARAMETERS

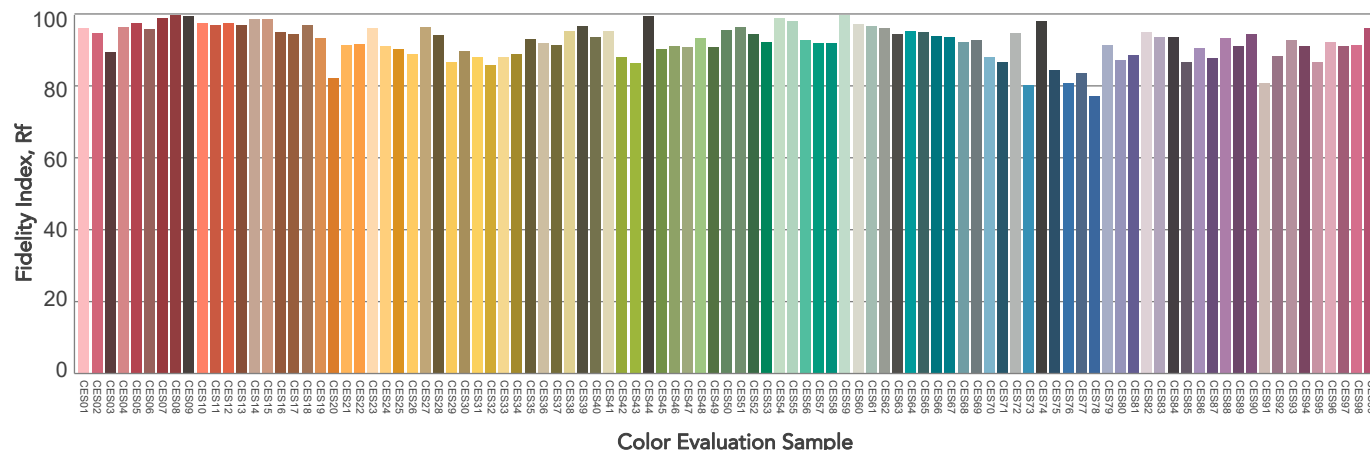
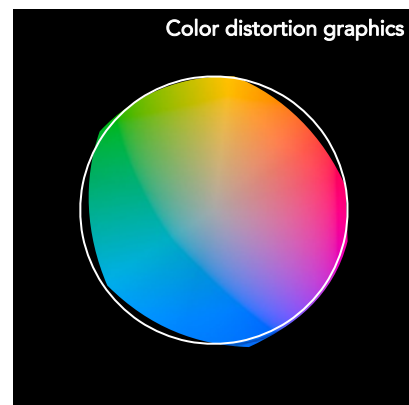
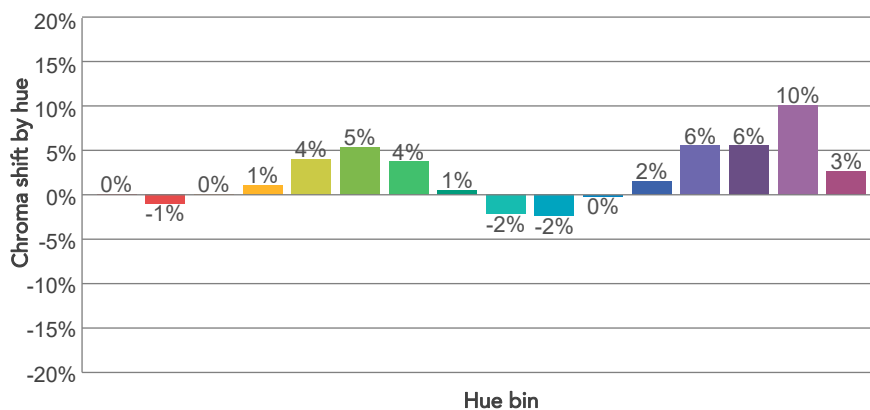
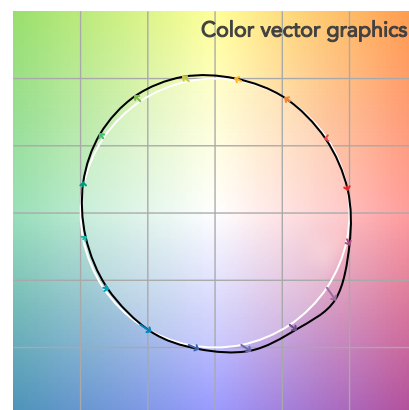
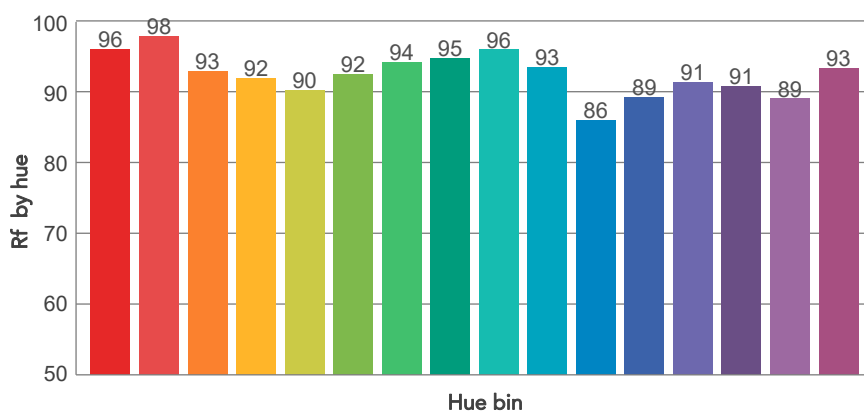
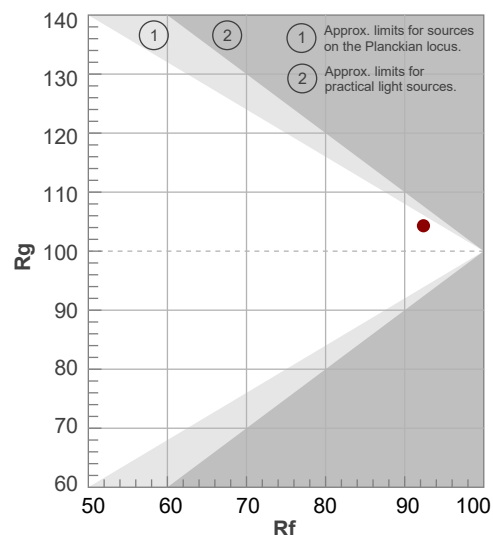
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
5993 K	93,4	98,8	92,4	104,3	94,0	98	0,322	0,333	0,0007

TM30 DETAILS

Rf 92,4
Fidelity index Rf

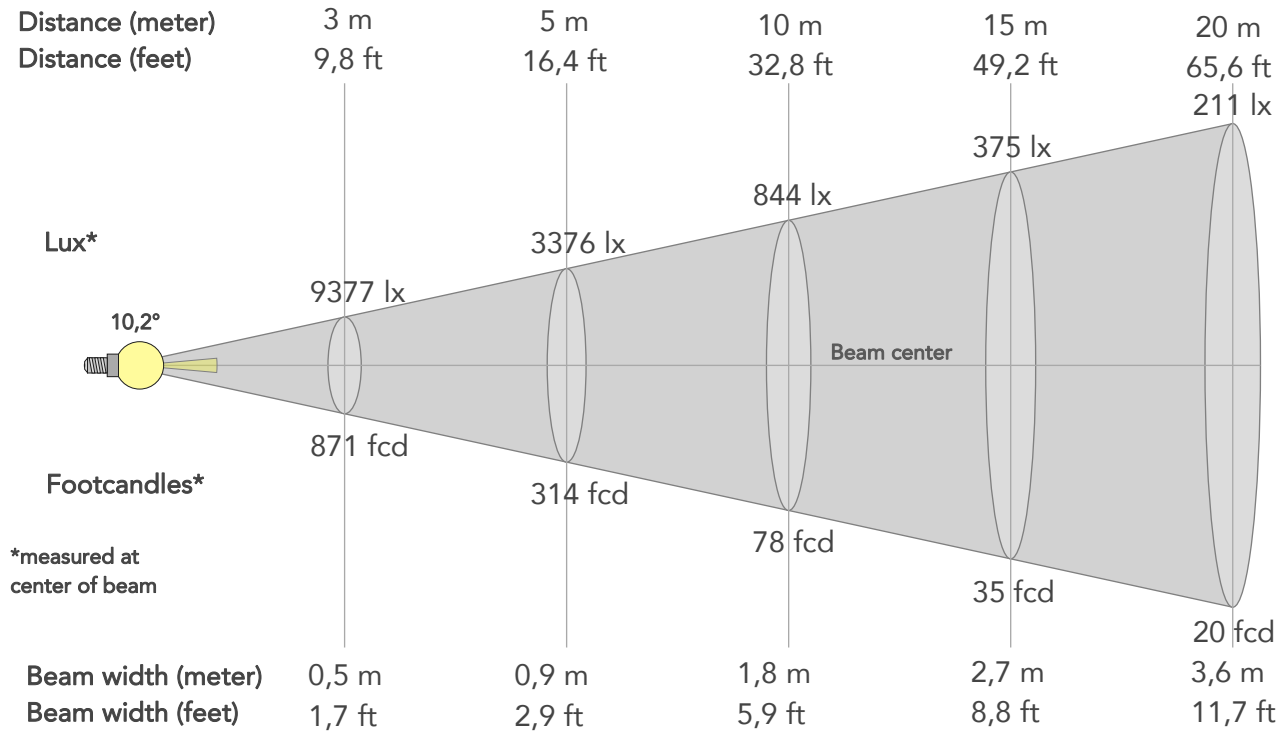
Rg 104,3
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-2%
2	98	-1%	1%
3	93	0%	4%
4	92	1%	5%
5	90	4%	4%
6	92	5%	1%
7	94	4%	-1%
8	95	1%	-3%
9	96	-2%	-1%
10	93	-2%	3%
11	86	0%	9%
12	89	2%	7%
13	91	6%	6%
14	91	6%	2%
15	89	10%	-4%
16	93	3%	-3%



BEAM DETAILS

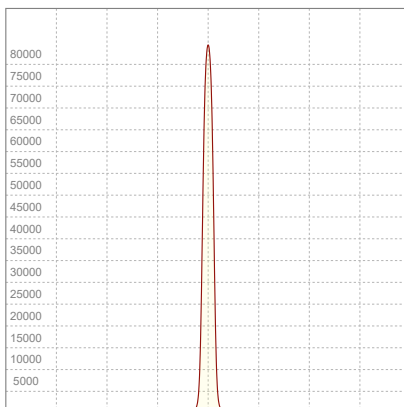
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,2°	15,4°	19,4°	99,5%	98,5%



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	84391lx	21098lx	9377lx	5274lx	3376lx	1500lx	844lx	375lx	211lx	135lx	94lx	53lx	34lx
Footcand.	7840fcd	1960fcd	871fcd	490fcd	314fcd	139fcd	78fcd	35fcd	20fcd	13fcd	9fcd	5fcd	3fcd
Beam wid.	0,2m	0,4m	0,5m	0,7m	0,9m	1,3m	1,8m	2,7m	3,6m	4,5m	5,4m	7,1m	8,9m
Beam wid.	0,6ft	1,2ft	1,7ft	2,3ft	2,9ft	4,4ft	5,9ft	8,8ft	11,7ft	14,6ft	17,6ft	23,4ft	29,3ft

LINEAR DISTRIBUTION DIAGRAM

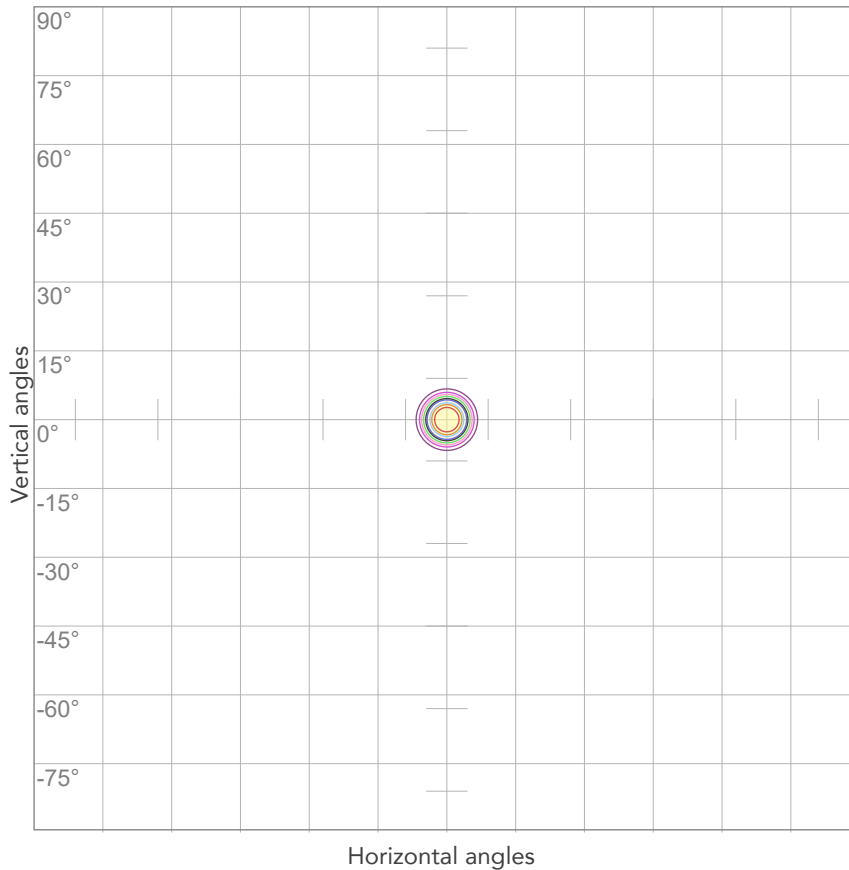


ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Power FC	Efficiency
227V	0,386A	85,3W	0,97	32lm/W

ISO DIAGRAMS

ISO CANDELA DIAGRAM



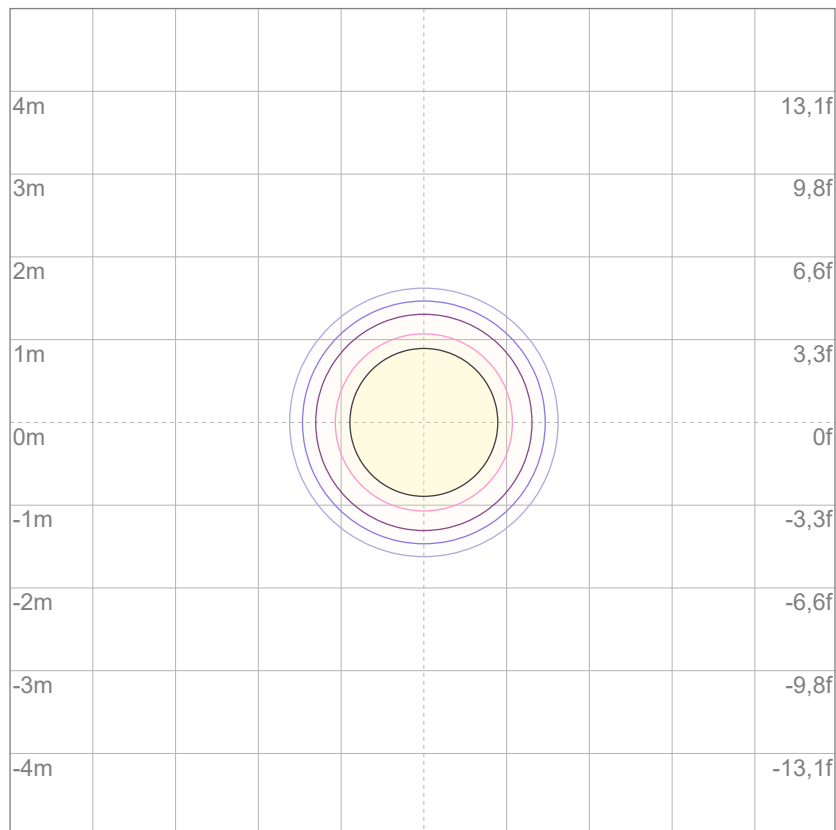
10%	8439 cd
20%	16878 cd
30%	25317 cd
40%	33756 cd
50%	42195 cd
60%	50634 cd
70%	59073 cd
80%	67513 cd

Conditions:

Number of c-planes: 2

Candela at center: 84391 cd

ISO LUX DIAGRAM



3%	25,3 lx
5%	42,2 lx
10%	84,4 lx
30%	253 lx
50%	422 lx

Conditions:

Number of c-planes: 2

Lux at center: 844 lx

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