

Photometric Test Report



ARCPOD15VW

15 X 10W VW outdoor IP66 wash light
for exterior installation

CONTENTS

Table of contents	2
Testing process	3
White preset Neutral White (Full On)	
Beam angle 15°	4
Beam angle 15°+ (F20°)	9
Beam angle 15°+ (F30°)	14
Beam angle 15°+ (F40°)	19
Beam angle 15°+ (F60°)	24
Beam angle 15°+ (F80°)	29
Beam angle 15°+ (F10°x60°)	34
Beam angle 15°+ (F30°x60°)	39
White preset Warm White (WW)	
Beam angle 15°	44
Beam angle 15°+ (F20°)	49
Beam angle 15°+ (F30°)	54
Beam angle 15°+ (F40°)	59
Beam angle 15°+ (F60°)	64
Beam angle 15°+ (F80°)	69
Beam angle 15°+ (F10°x60°)	74
Beam angle 15°+ (F30°x60°)	79
White preset Cold White (CW)	
Beam angle 15°	84
Beam angle 15°+ (F20°)	89
Beam angle 15°+ (F30°)	94
Beam angle 15°+ (F40°)	99
Beam angle 15°+ (F60°)	104
Beam angle 15°+ (F80°)	109
Beam angle 15°+ (F10°x60°)	114
Beam angle 15°+ (F30°x60°)	119

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:

8884 lm

Peak candela output:

194745 cd

Light quality:

CRI: 86,5

Color temperature:

4219 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

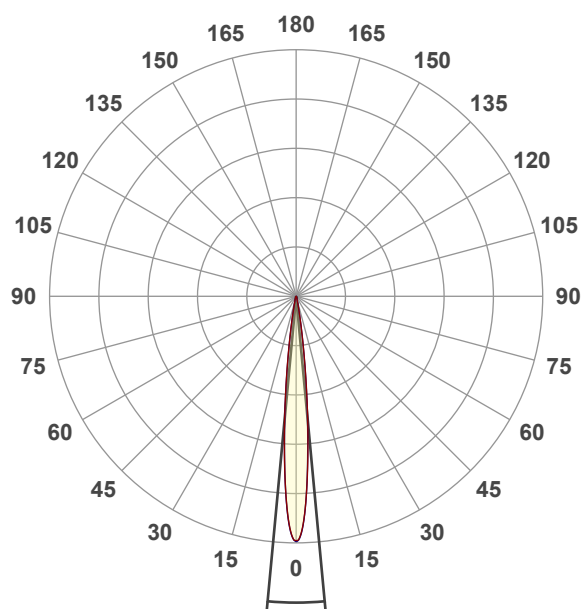
Full On

Operator:

Nicola Savarese

Date and time:

15/07/2022 11:16:33

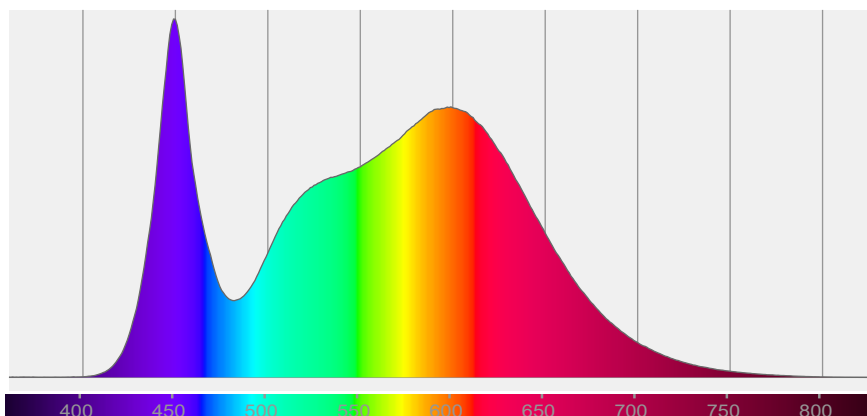


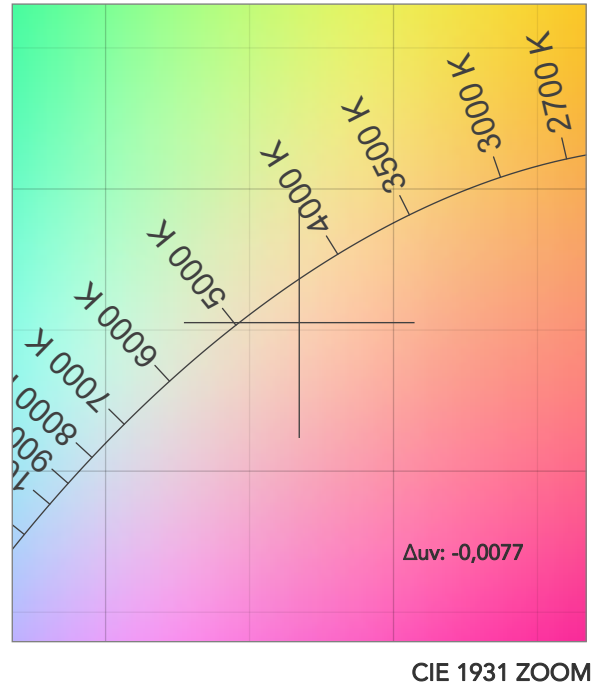
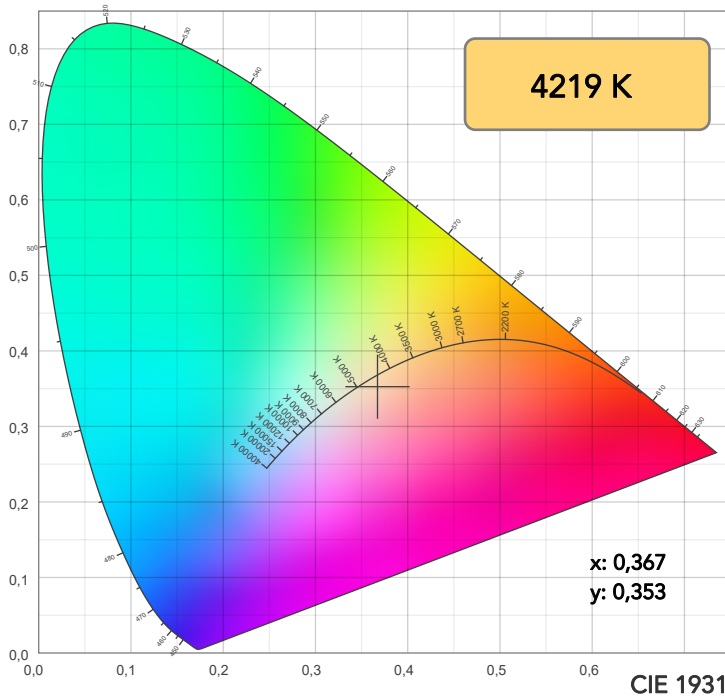
Beam angle 50%: 10,7°

Field angle 10%: 19,6°

Cut off angle 2.5%: 27,1°

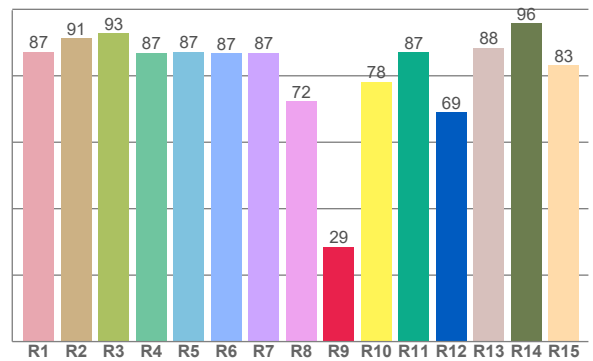
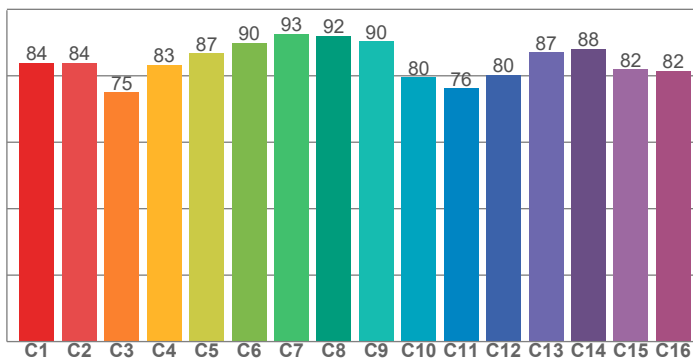
Spectra





TM30: 84,0

CRI: 86,5 (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
87,2	91,4	92,8	87,0	87,2	86,8	86,9	72,4	28,5	78,2	87,1	69,0	88,4	95,8	83,1

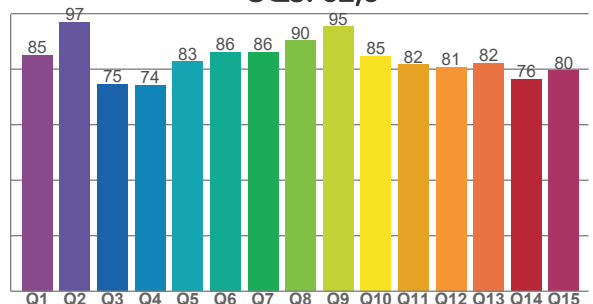
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83,9	83,9	75,0	83,2	86,7	89,9	92,7	92,0	90,3	79,6	76,2	80,3	87,1	88,2	82,0	81,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85,1	96,9	74,6	74,4	82,8	86,1	86,2	90,3	95,4	84,7	81,6	80,8	82,3	76,4	79,5

CQS: 82,6



COLOR PARAMETERS

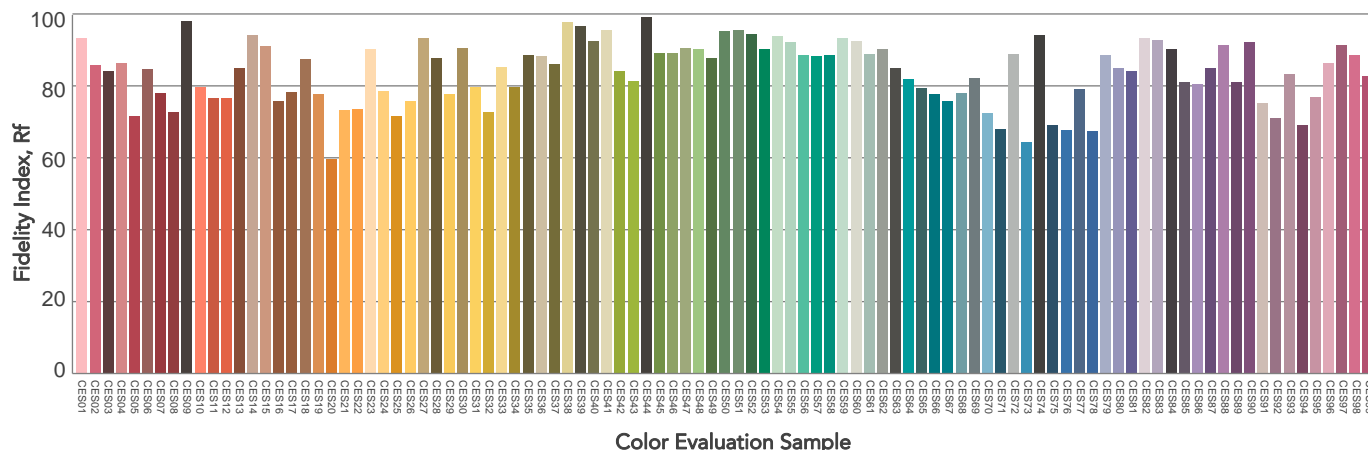
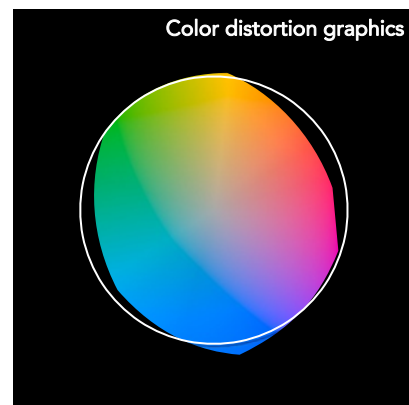
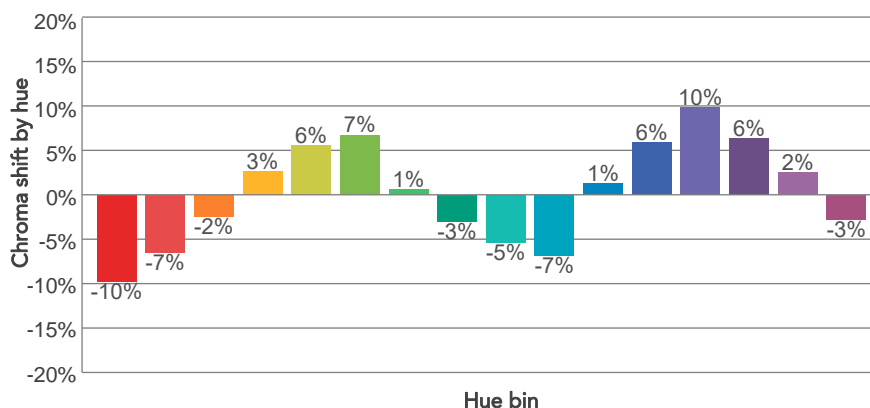
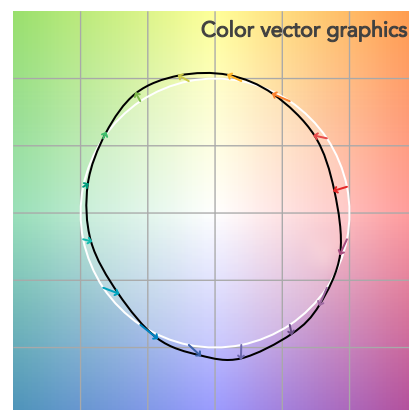
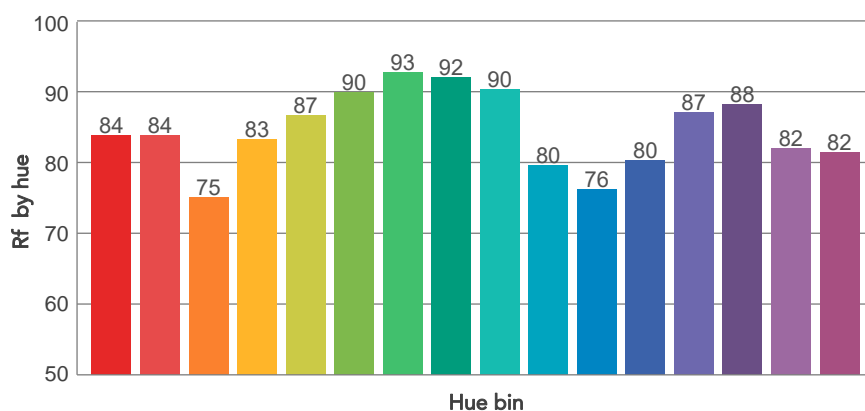
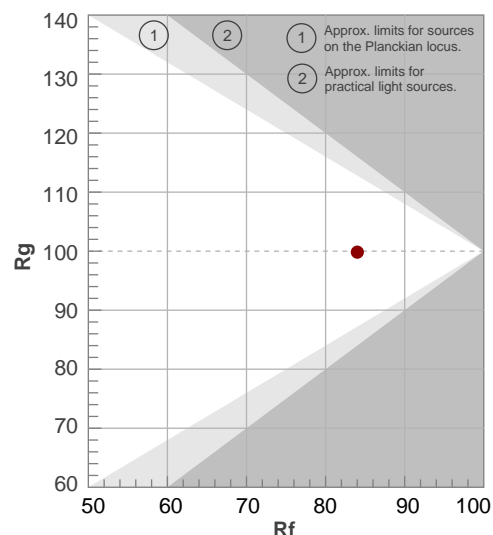
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4219 K	86,5	28,5	84,0	99,8	82,6	70	0,367	0,353	-0,0077

TM30 DETAILS

Rf 84,0
Fidelity index Rf

Rg 99,8
Gammut index

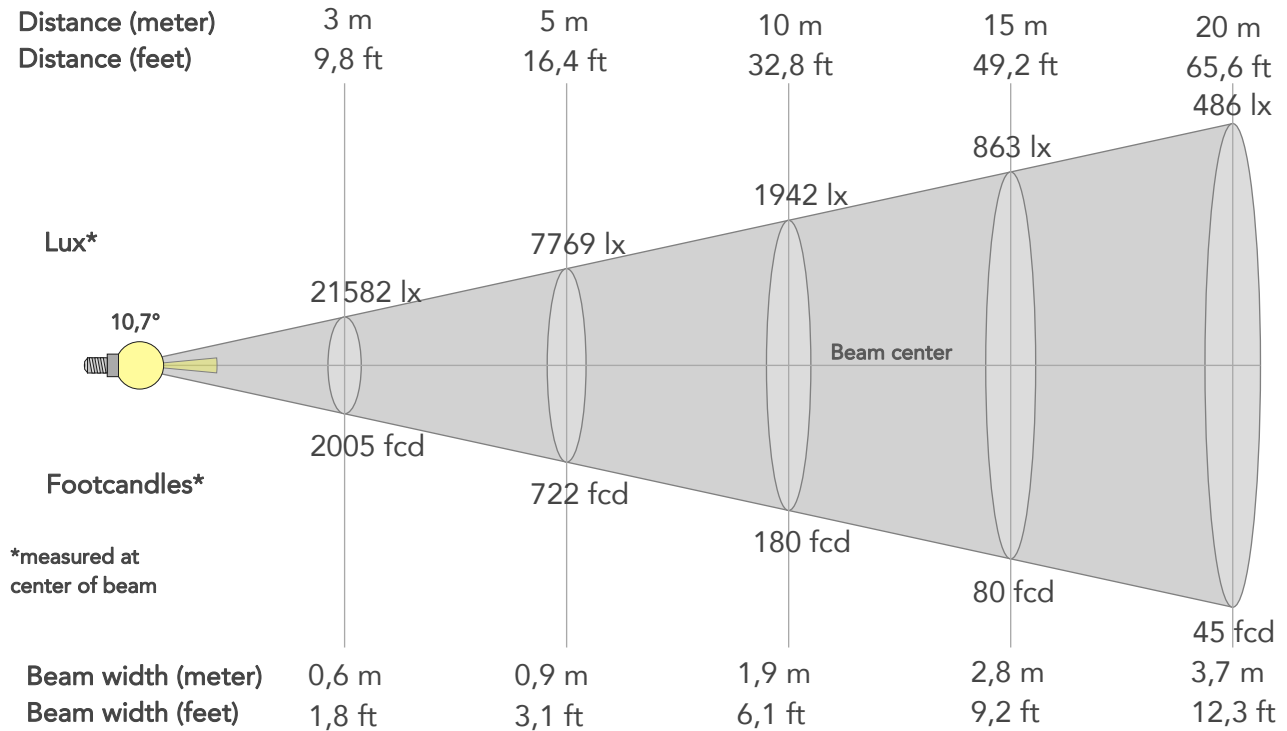
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	84	-10%	-1%
2	84	-7%	7%
3	75	-2%	13%
4	83	3%	10%
5	87	6%	6%
6	90	7%	-1%
7	93	1%	-4%
8	92	-3%	-3%
9	90	-5%	3%
10	80	-7%	10%
11	76	1%	16%
12	80	6%	10%
13	87	10%	-2%
14	88	6%	-3%
15	82	2%	-13%
16	82	-3%	-12%



BEAM DETAILS



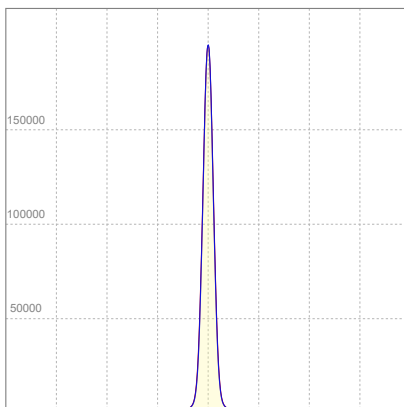
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,7°	19,6°	27,1°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	194236lx	48559lx	21582lx	12140lx	7769lx	3453lx	1942lx	863lx	486lx	311lx	216lx	121lx	78lx
Footcand.	18045fcd	4511fcd	2005fcd	1128fcd	722fcd	321fcd	180fcd	80fcd	45fcd	29fcd	20fcd	11fcd	7fcd
Beam wid.	0,2m	0,4m	0,6m	0,7m	0,9m	1,4m	1,9m	2,8m	3,7m	4,7m	5,6m	7,5m	9,4m
Beam wid.	0,6ft	1,2ft	1,8ft	2,5ft	3,1ft	4,6ft	6,1ft	9,2ft	12,3ft	15,3ft	18,4ft	24,6ft	30,7ft

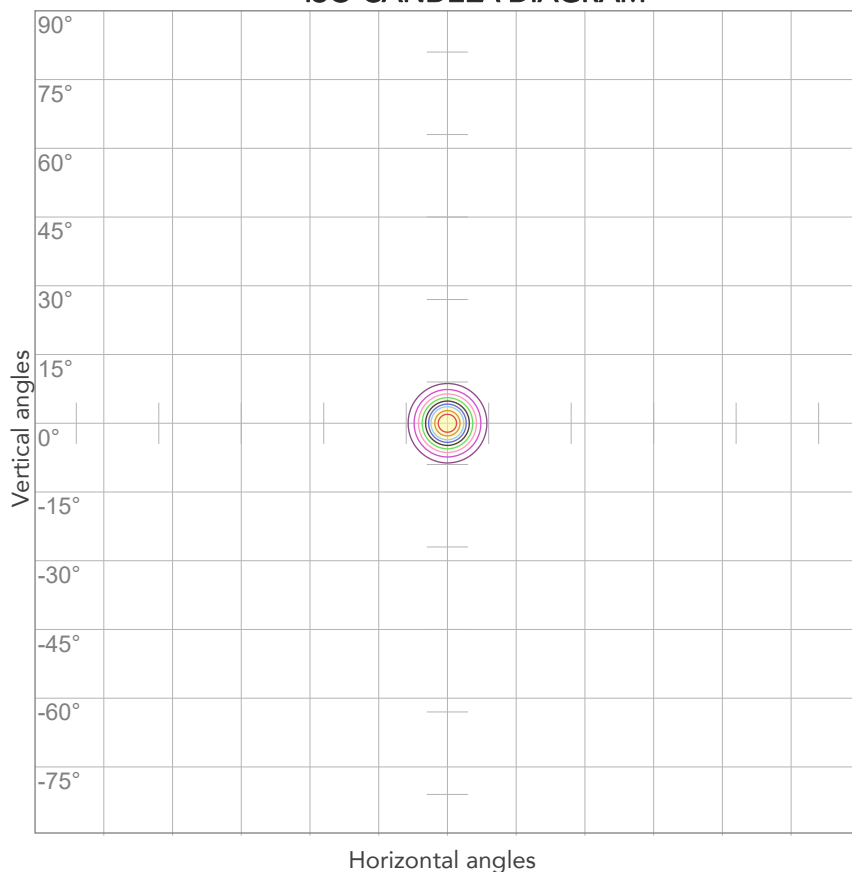
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	0,666A	143,6W	62lm/W
Power Fc			
0,97			

ISO CANDELA DIAGRAM



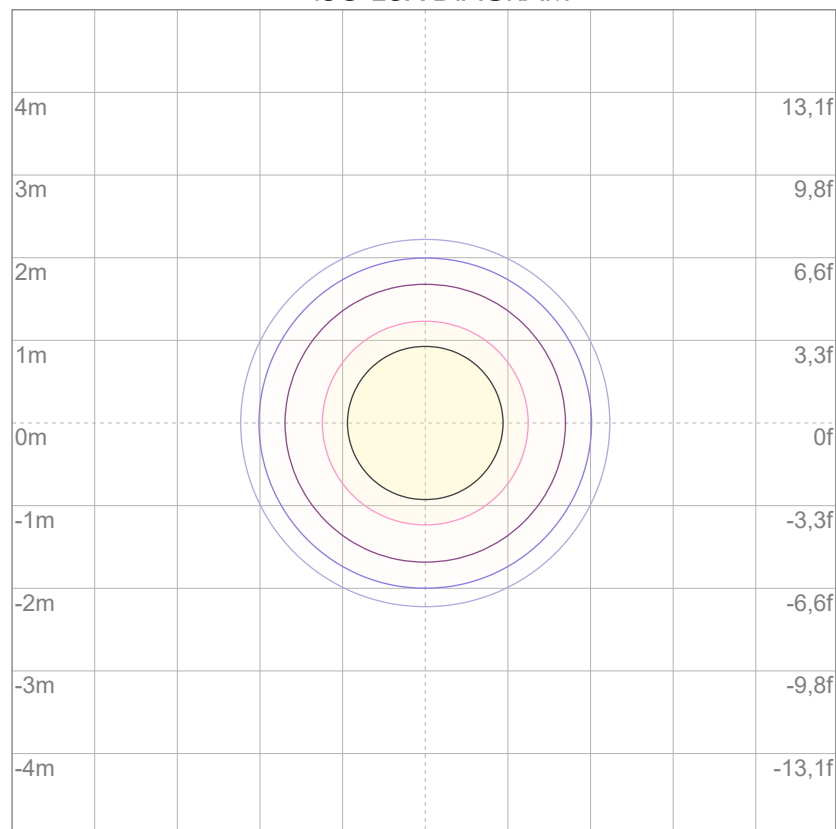
10%	19424 cd
20%	38847 cd
30%	58271 cd
40%	77694 cd
50%	97118 cd
60%	116542 cd
70%	135965 cd
80%	155389 cd

Conditions:

Number of c-planes: 4

Candela at center: 194236 cd

ISO LUX DIAGRAM



3%	58,3 lx
5%	97,1 lx
10%	194 lx
30%	583 lx
50%	971 lx

Conditions:

Number of c-planes: 4

Lux at center: 1942 lx

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



Total lumen output:

7811 lm

Peak candela output:

34249 cd

Light quality:

CRI: 85,9

Color temperature:

4237 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 20° Filter

Target:

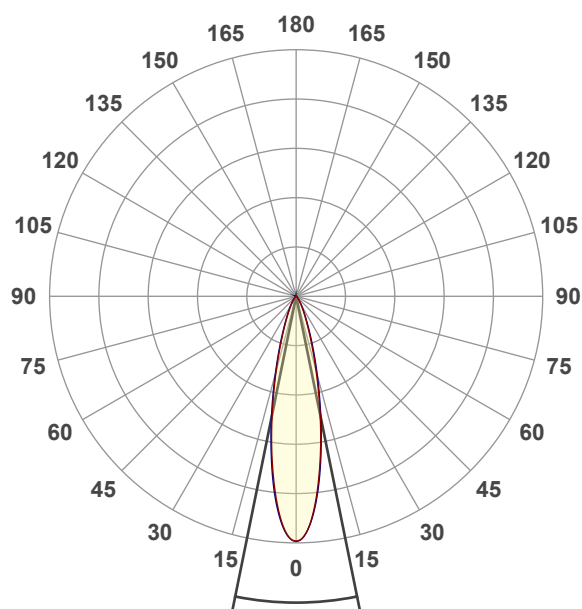
Full On

Operator:

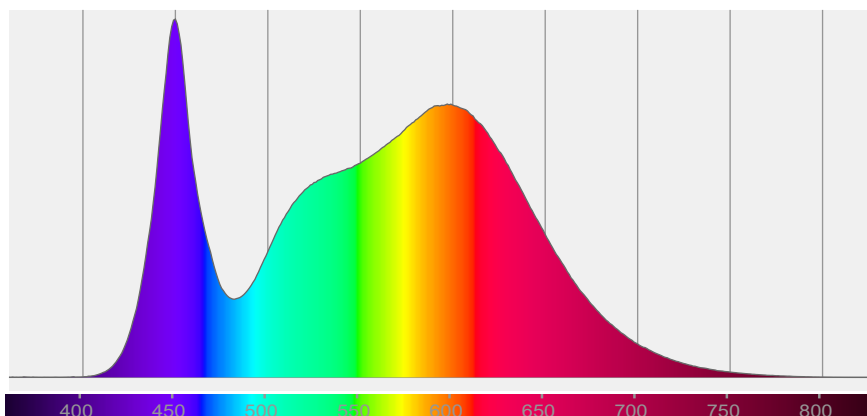
Nicola Savarese

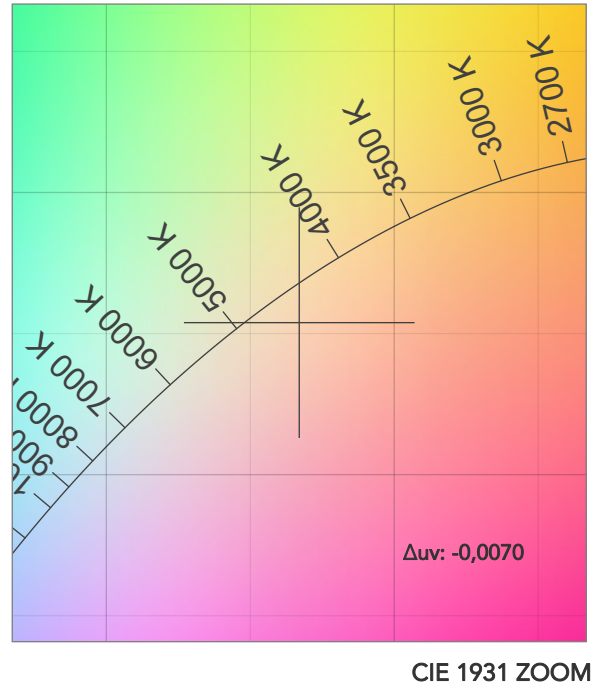
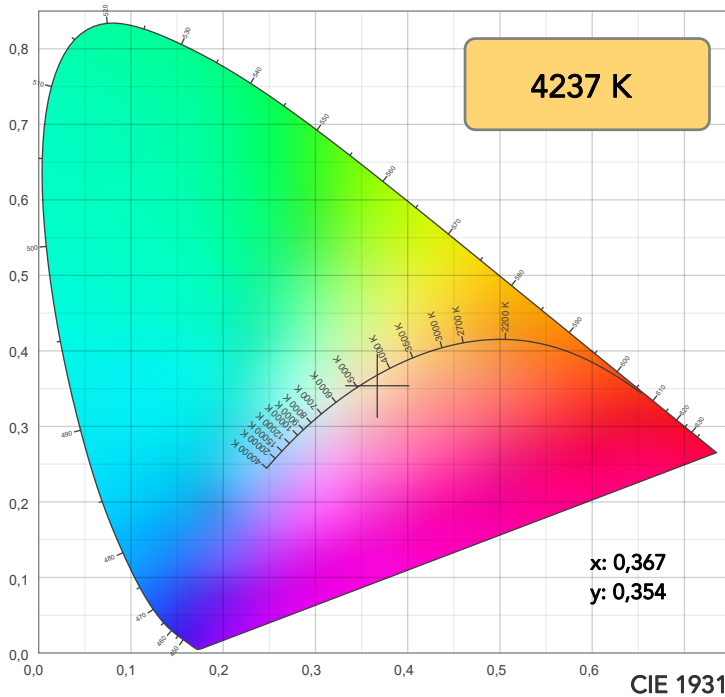
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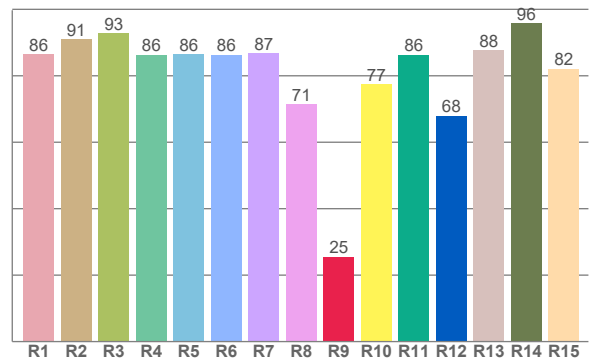
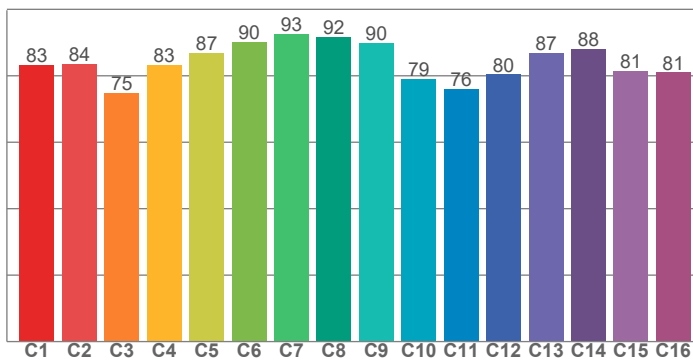
Spectra





TM30: 83,8

CRI: 85,9 (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
86,5	91,0	92,8	86,4	86,4	86,4	86,8	71,4	25,5	77,4	86,3	67,9	87,8	95,8	82,1

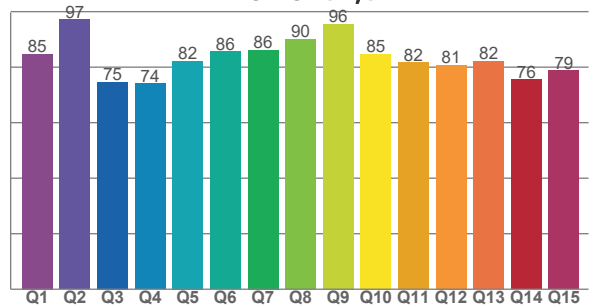
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83,3	83,5	74,9	83,3	87,0	90,3	92,6	91,7	89,9	79,1	76,1	80,5	86,9	88,0	81,5	81,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,7	97,1	74,7	74,0	82,3	85,7	86,1	90,1	95,6	84,8	81,6	80,8	82,1	75,5	78,8

CQS: 82,3



COLOR PARAMETERS

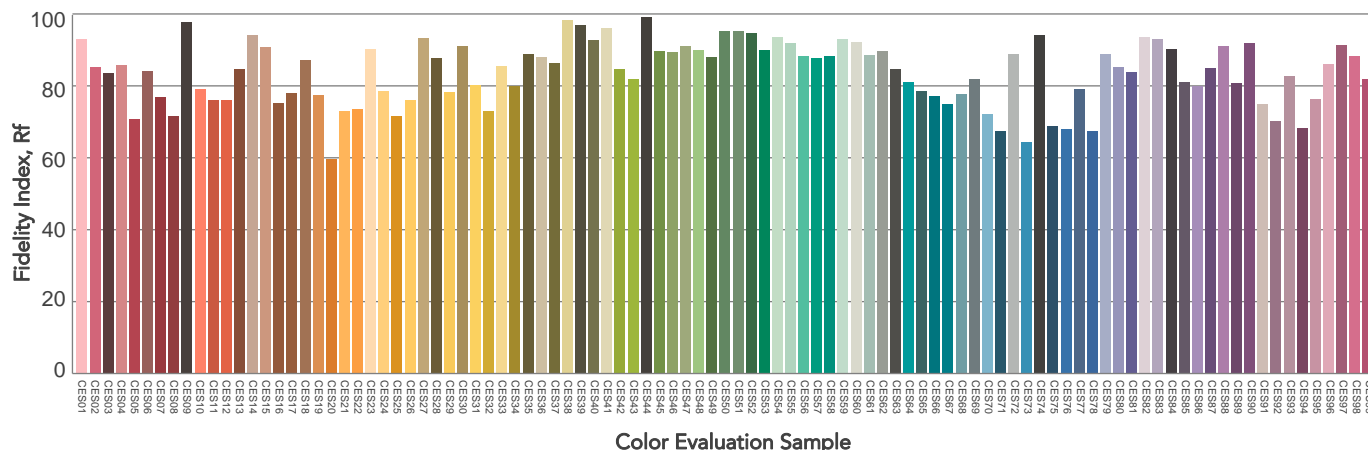
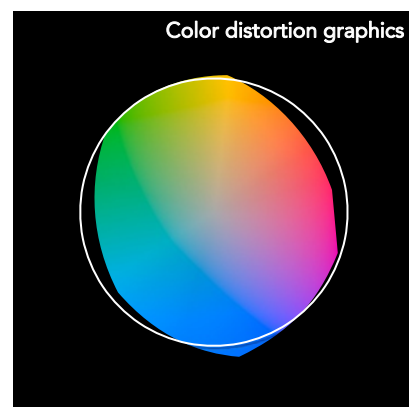
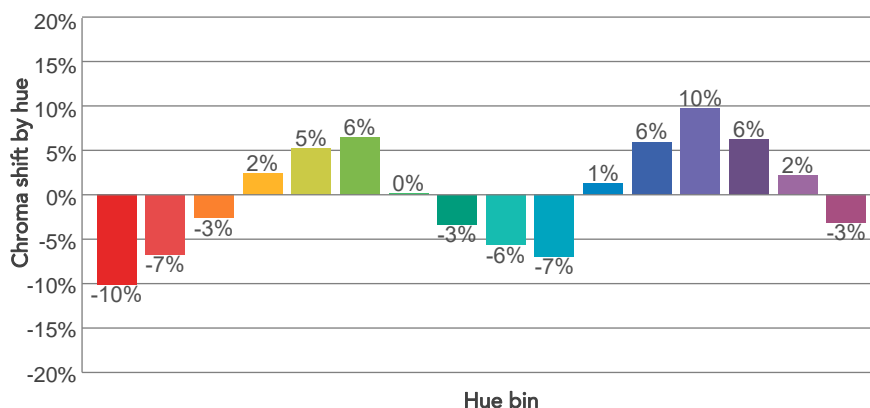
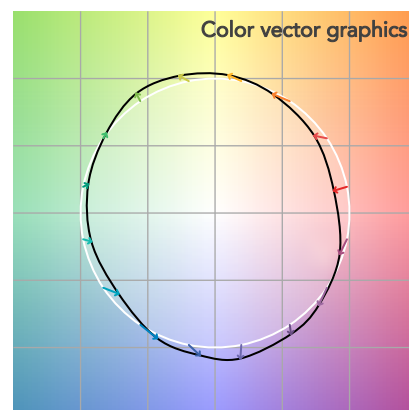
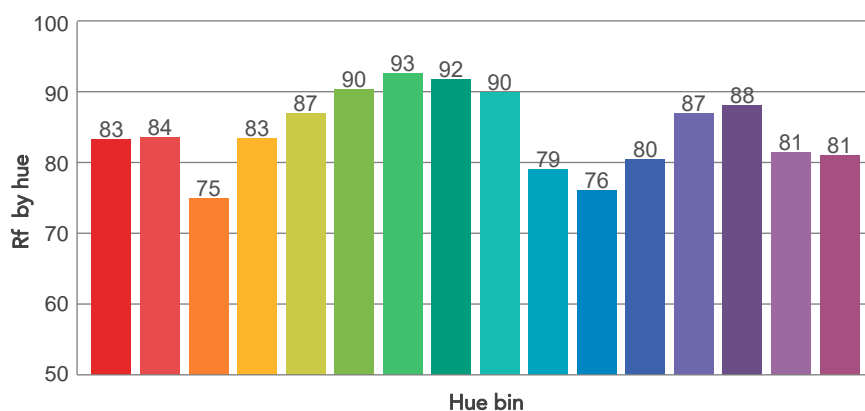
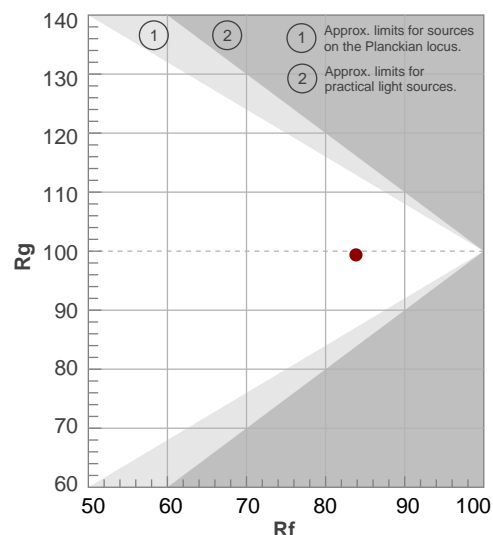
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4237 K	85,9	25,5	83,8	99,4	82,3	70	0,367	0,354	-0,0070

TM30 DETAILS

Rf 83,8
Fidelity index Rf

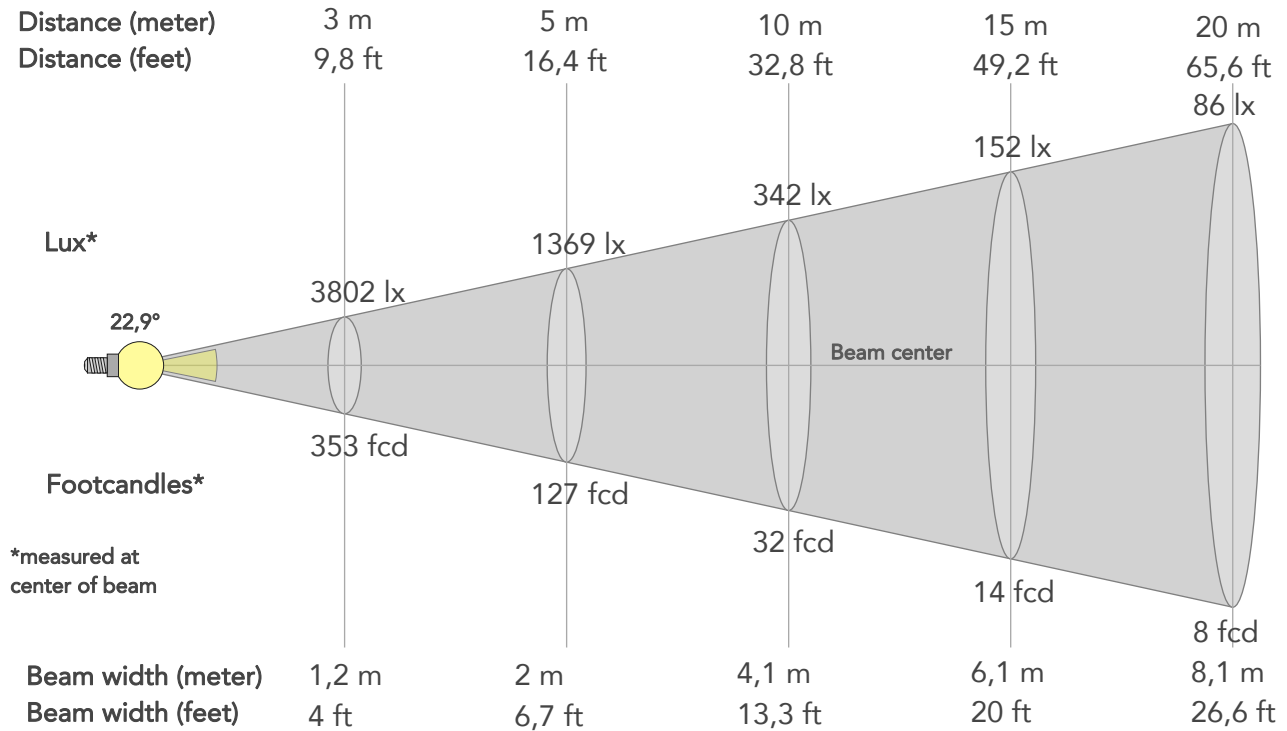
Rg 99,4
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	83	-10%	-1%
2	84	-7%	7%
3	75	-3%	13%
4	83	2%	10%
5	87	5%	6%
6	90	6%	-1%
7	93	0%	-4%
8	92	-3%	-2%
9	90	-6%	3%
10	79	-7%	10%
11	76	1%	16%
12	80	6%	10%
13	87	10%	-3%
14	88	6%	-3%
15	81	2%	-14%
16	81	-3%	-12%



BEAM DETAILS

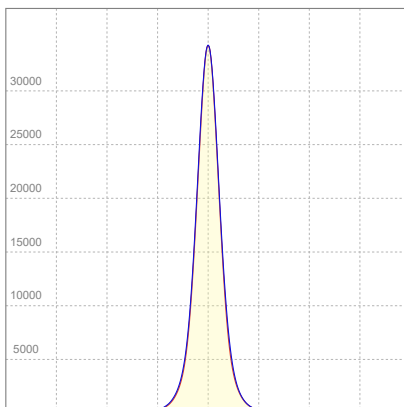
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,9°	46,7°	69,4°	99,7%	97,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	34222lx	8555lx	3802lx	2139lx	1369lx	608lx	342lx	152lx	86lx	55lx	38lx	21lx	14lx
Footcand.	3179fcd	795fcd	353fcd	199fcd	127fcd	57fcd	32fcd	14fcd	8fcd	5fcd	4fcd	2fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3m	4,1m	6,1m	8,1m	10,1m	12,2m	16,2m	20,3m
Beam wid.	1,3ft	2,7ft	4ft	5,3ft	6,7ft	10ft	13,3ft	20ft	26,6ft	33,3ft	39,9ft	53,3ft	66,6ft

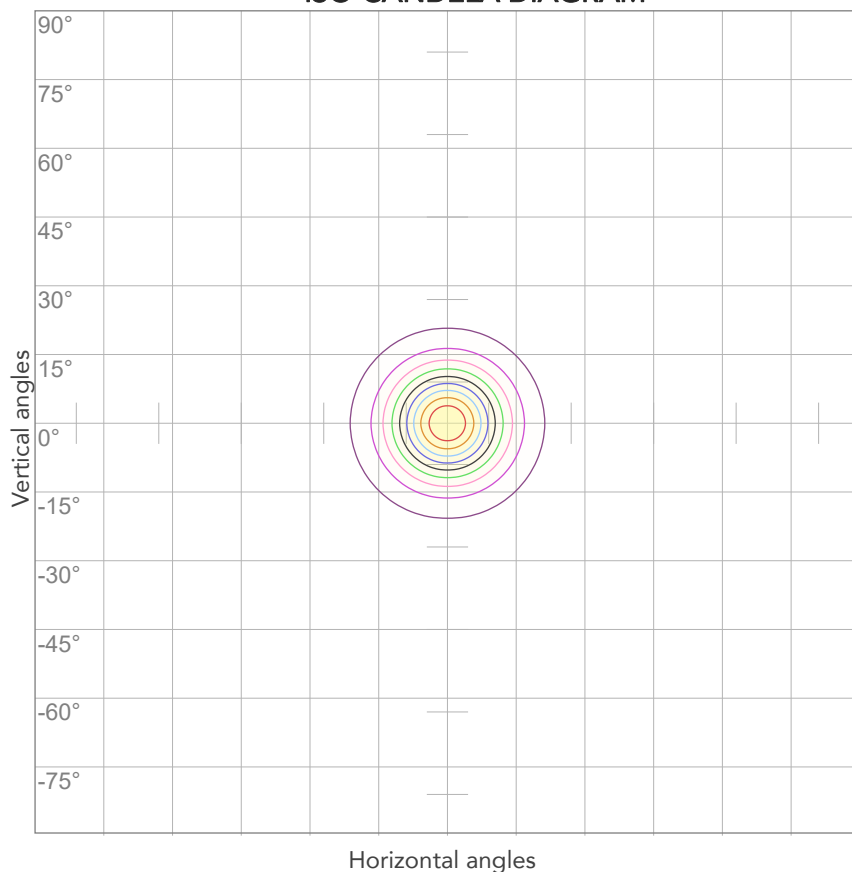
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,659A	142,7W	55lm/W
Power Fc			
0,97			

ISO CANDELA DIAGRAM



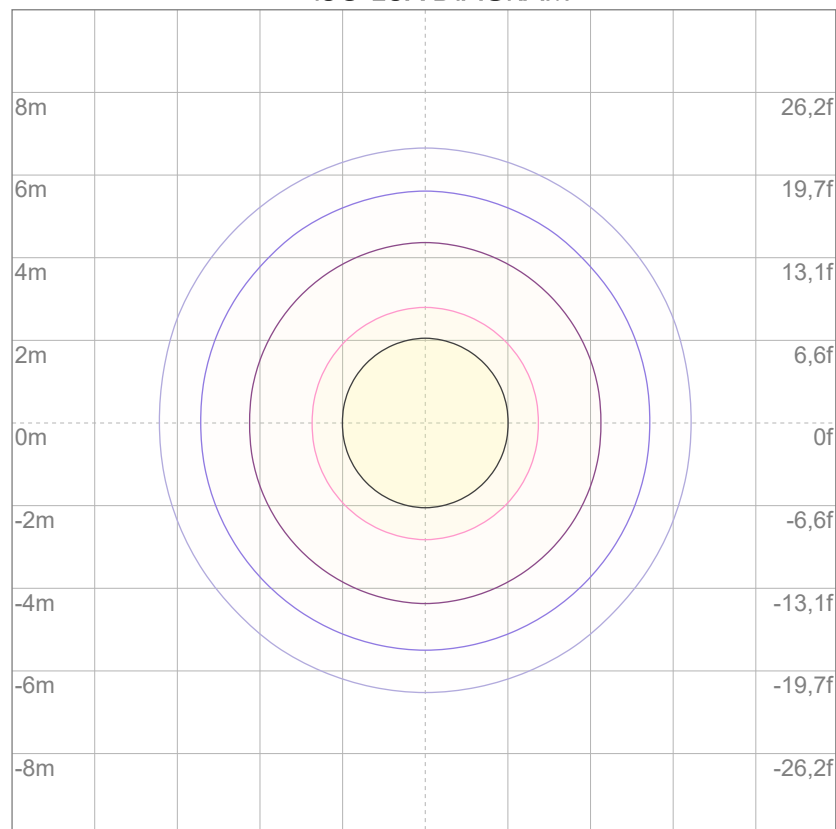
10%	3422 cd
20%	6844 cd
30%	10266 cd
40%	13689 cd
50%	17111 cd
60%	20533 cd
70%	23955 cd
80%	27377 cd

Conditions:

Number of c-planes: 4

Candela at center: 34222 cd

ISO LUX DIAGRAM



3%	10,3 lx
5%	17,1 lx
10%	34,2 lx
30%	103 lx
50%	171 lx

Conditions:

Number of c-planes: 4

Lux at center: 342 lx

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



Total lumen output:

7846 lm

Peak candela output:

20551 cd

Light quality:

CRI: 86,0

Color temperature:

4251 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 30° Filter

Target:

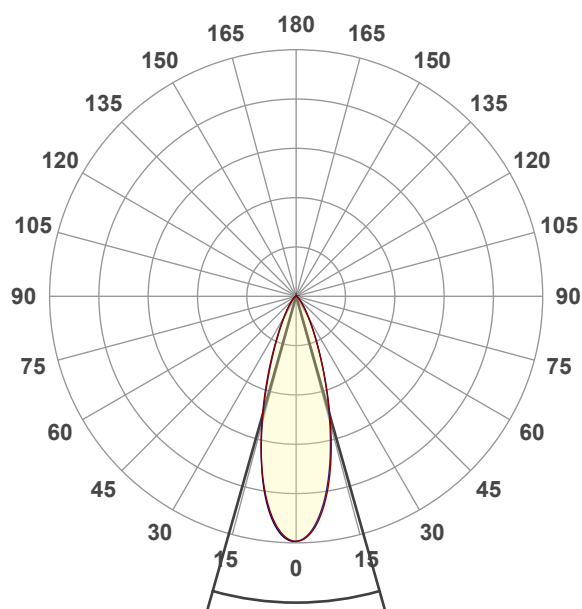
Full on

Operator:

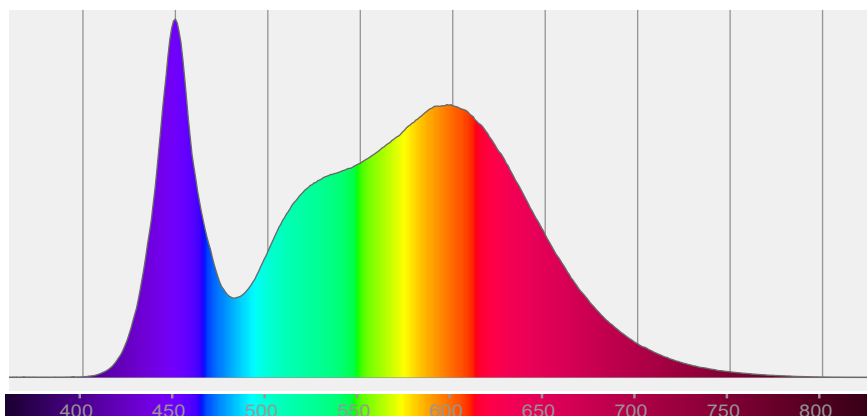
Nicola Savarese

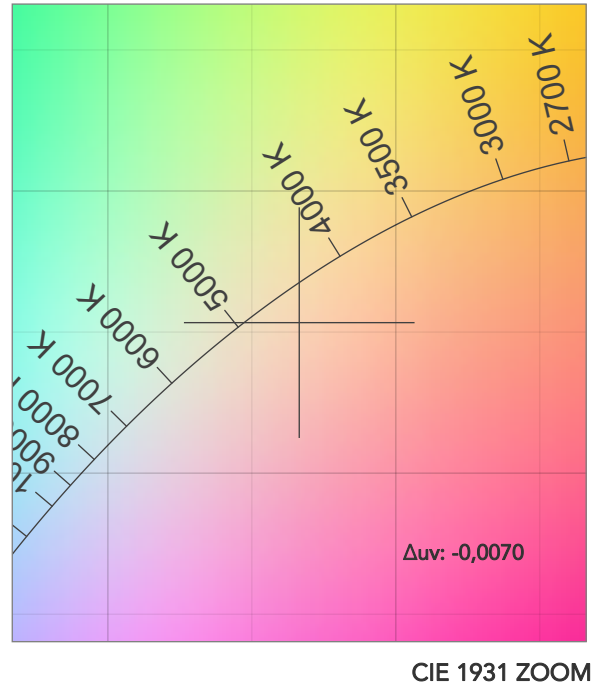
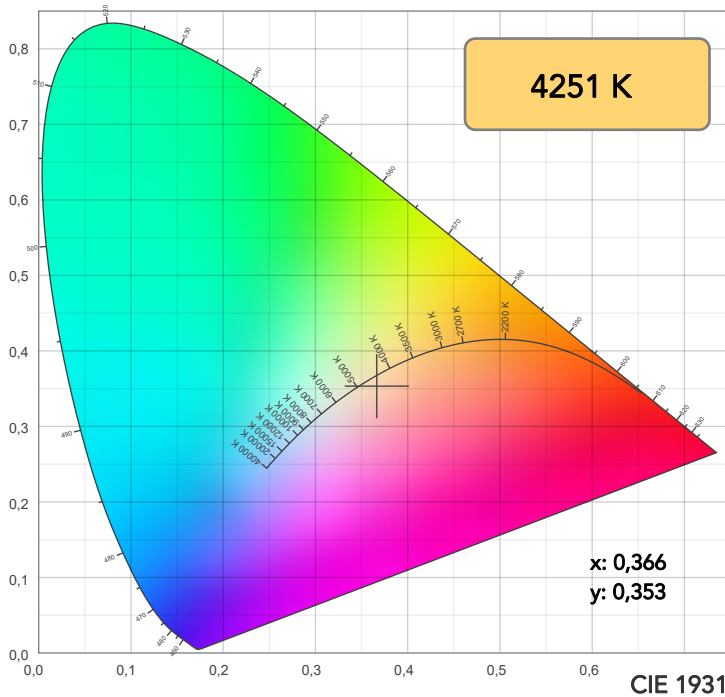
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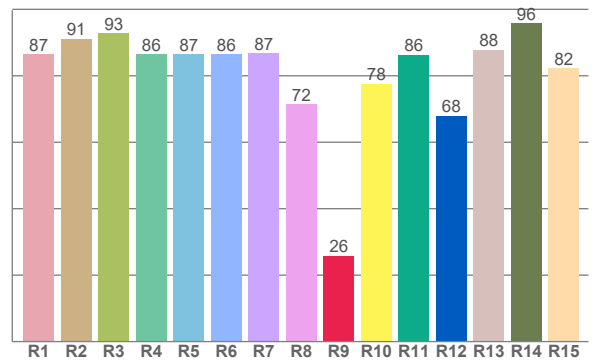
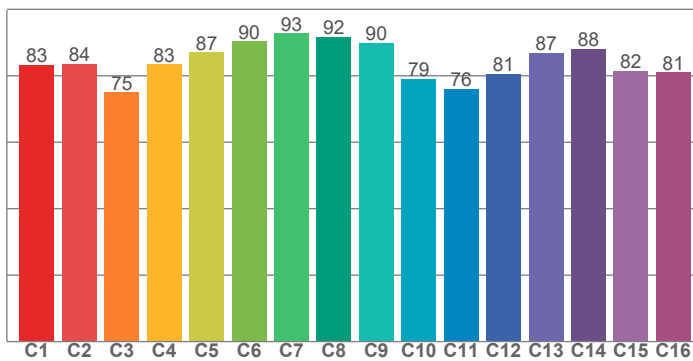
Spectra





TM30: 83,9

CRI: 86,0 (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
86,6	91,1	92,8	86,4	86,5	86,5	86,8	71,5	25,8	77,6	86,3	68,0	87,9	95,9	82,2

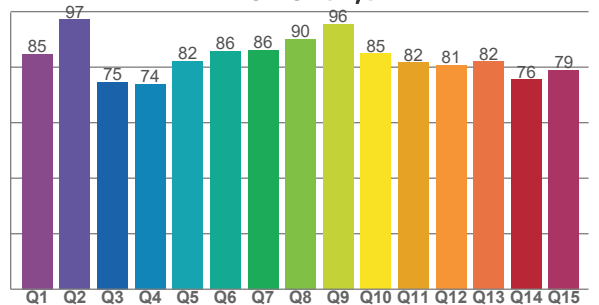
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83,3	83,5	75,0	83,5	87,1	90,4	92,7	91,8	89,9	79,0	76,1	80,6	87,0	88,1	81,5	81,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,8	97,2	74,7	74,0	82,2	85,7	86,2	90,1	95,6	84,8	81,6	80,8	82,1	75,6	78,9

CQS: 82,3



COLOR PARAMETERS

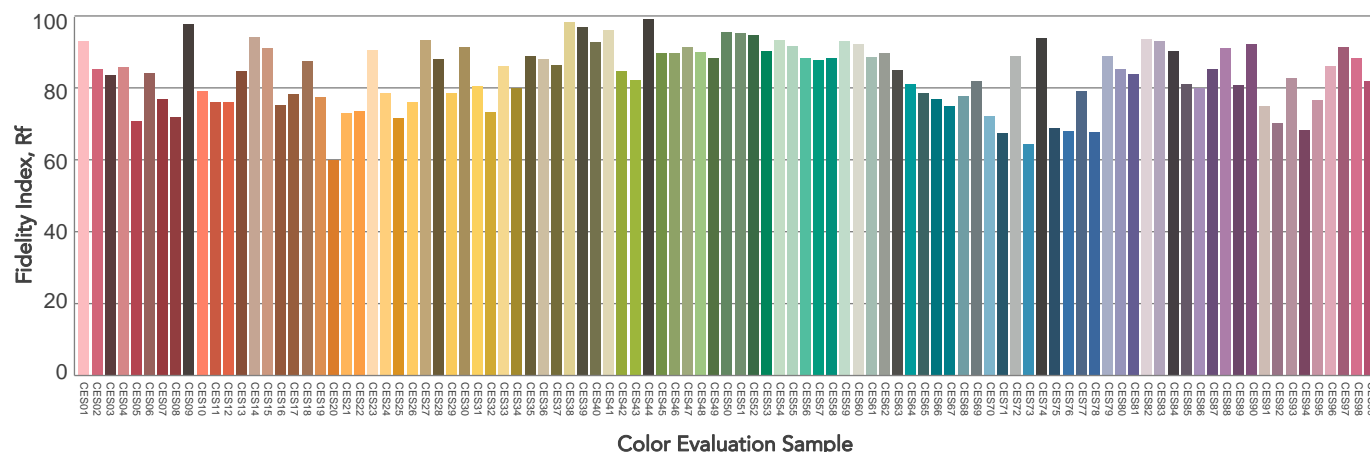
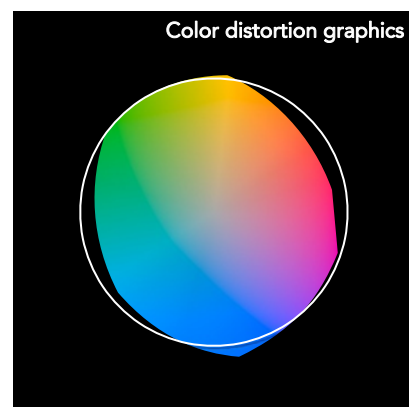
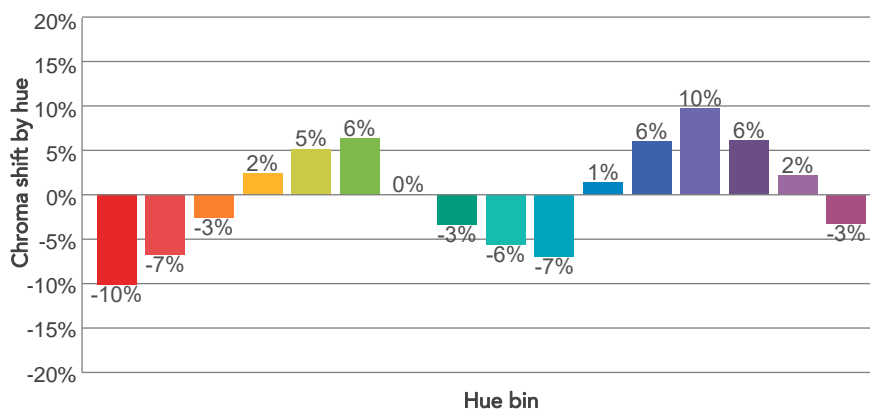
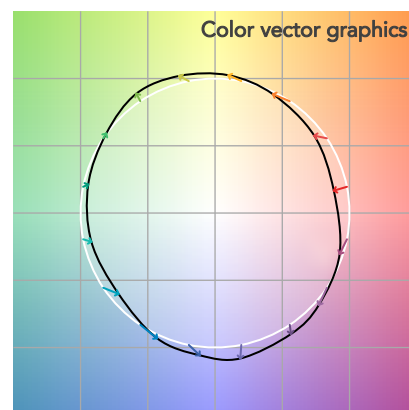
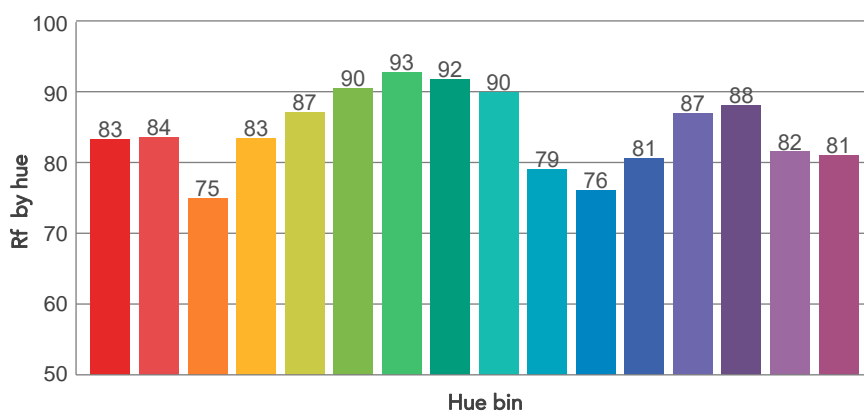
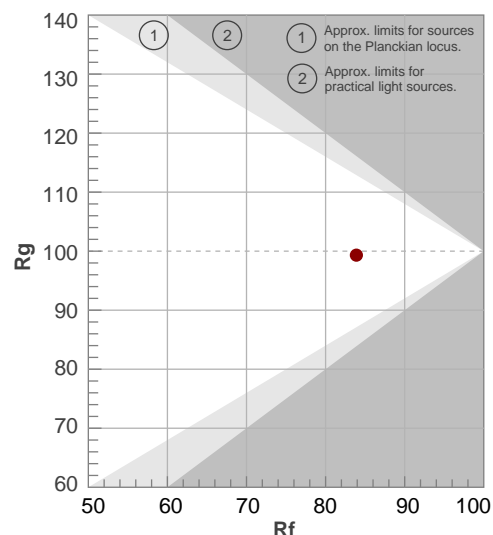
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4251 K	86,0	25,8	83,9	99,3	82,3	70	0,366	0,353	-0,0070

TM30 DETAILS

Rf 83,9
Fidelity index Rf

Rg 99,3
Gammut index

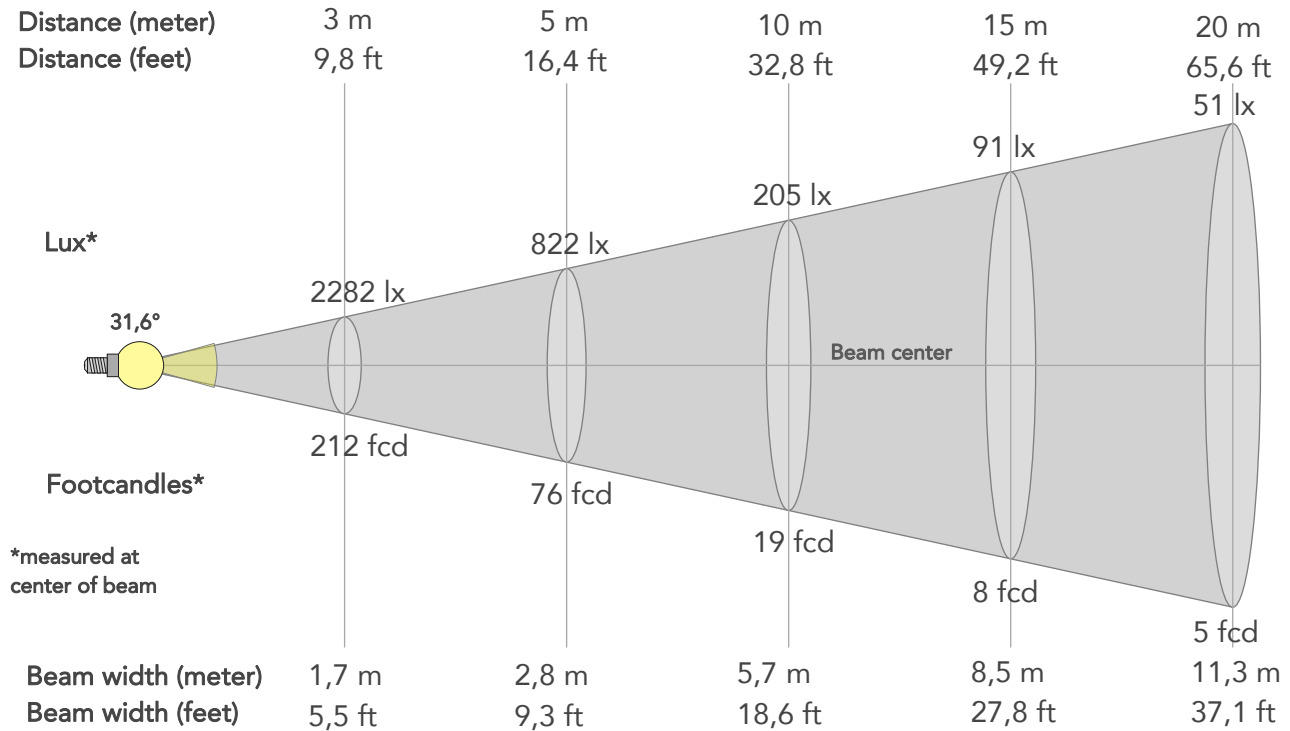
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	83	-10%	-1%
2	84	-7%	7%
3	75	-3%	13%
4	83	2%	10%
5	87	5%	6%
6	90	6%	-1%
7	93	0%	-4%
8	92	-3%	-2%
9	90	-6%	3%
10	79	-7%	10%
11	76	1%	16%
12	81	6%	9%
13	87	10%	-3%
14	88	6%	-3%
15	82	2%	-14%
16	81	-3%	-12%



BEAM DETAILS



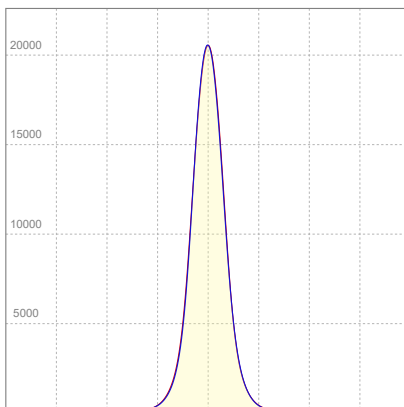
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
31,6°	60,3°	86,3°	99,1%	95,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	20541lx	5135lx	2282lx	1284lx	822lx	365lx	205lx	91lx	51lx	33lx	23lx	13lx	8lx
Footcand.	1908fcd	477fcd	212fcd	119fcd	76fcd	34fcd	19fcd	8fcd	5fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,6m	1,1m	1,7m	2,3m	2,8m	4,2m	5,7m	8,5m	11,3m	14,2m	17m	22,6m	28,3m
Beam wid.	1,9ft	3,7ft	5,5ft	7,4ft	9,3ft	13,9ft	18,6ft	27,8ft	37,1ft	46,4ft	55,7ft	74,3ft	92,8ft

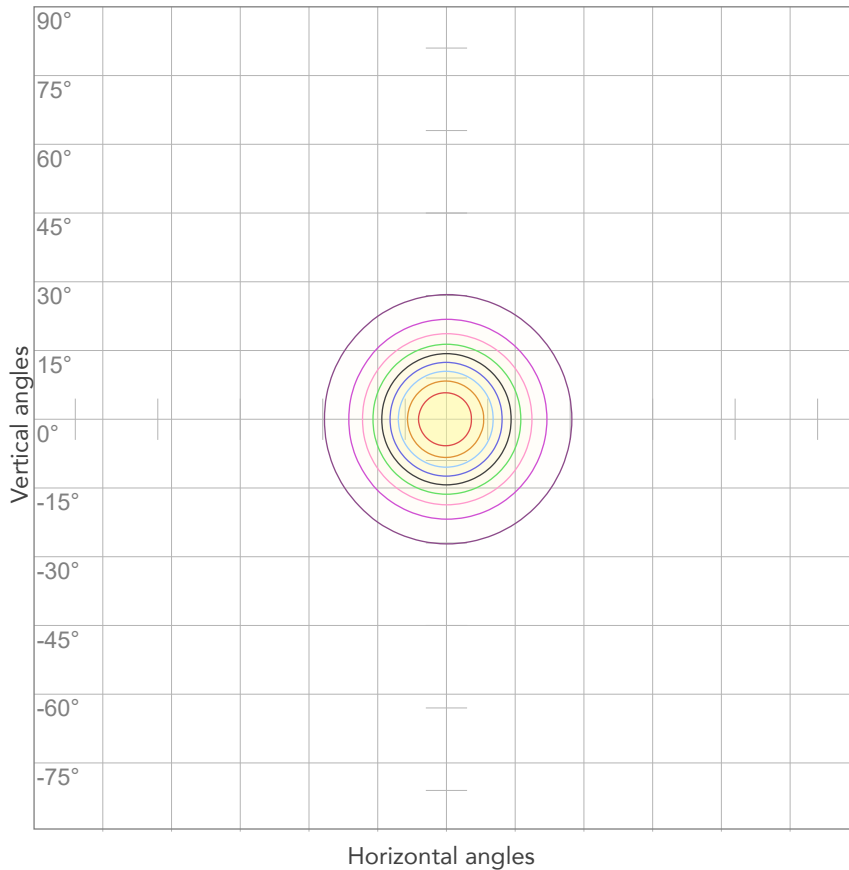
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	0,661A	142,6W	55lm/W
Power Fc			
0,97			

ISO CANDELA DIAGRAM



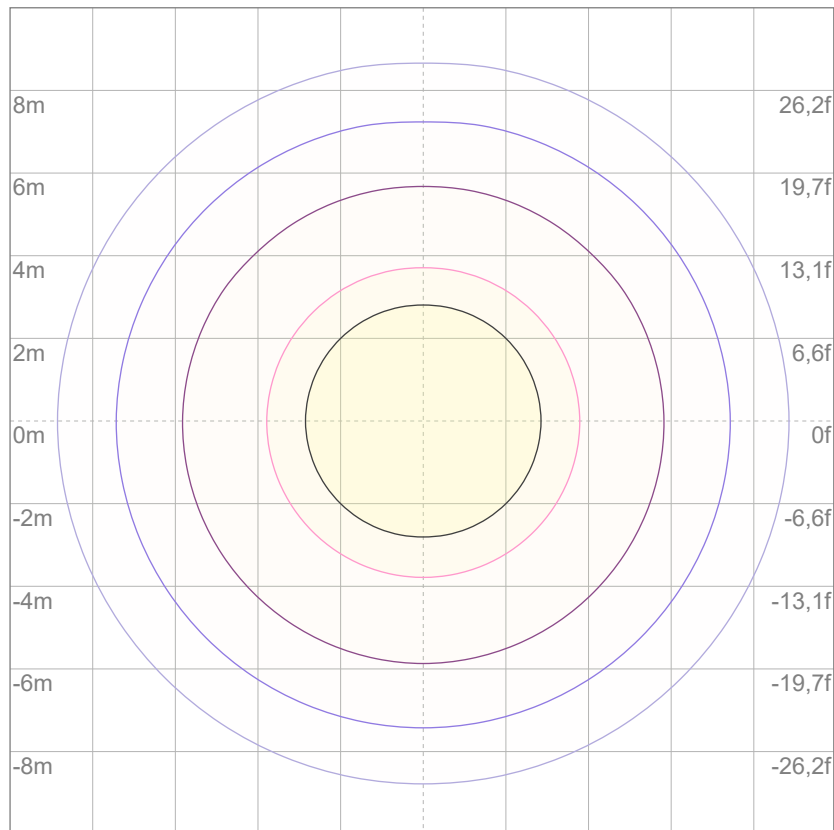
10%	2054 cd
20%	4108 cd
30%	6162 cd
40%	8217 cd
50%	10271 cd
60%	12325 cd
70%	14379 cd
80%	16433 cd

Conditions:

Number of c-planes: 4

Candela at center: 20541 cd

ISO LUX DIAGRAM



3%	6,16 lx
5%	10,3 lx
10%	20,5 lx
30%	61,6 lx
50%	103 lx

Conditions:

Number of c-planes: 4

Lux at center: 205 lx

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



Total lumen output:

7935 lm

Peak candela output:

10216 cd

Light quality:

CRI: 85,9

Color temperature:

4252 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 40° Filter

Target:

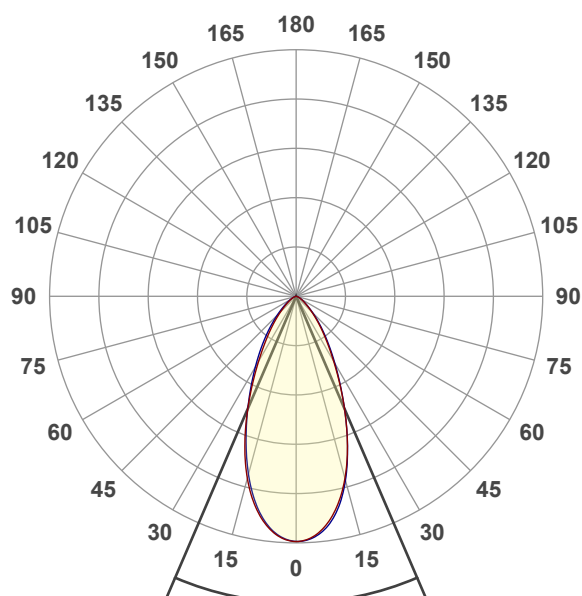
Full on

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:19:01

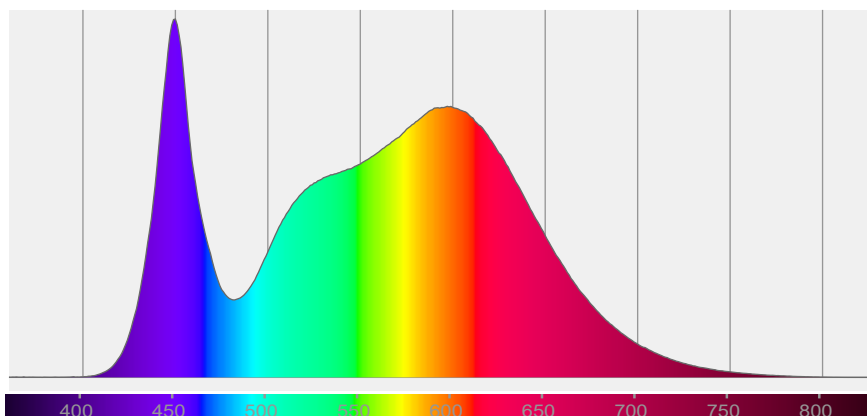


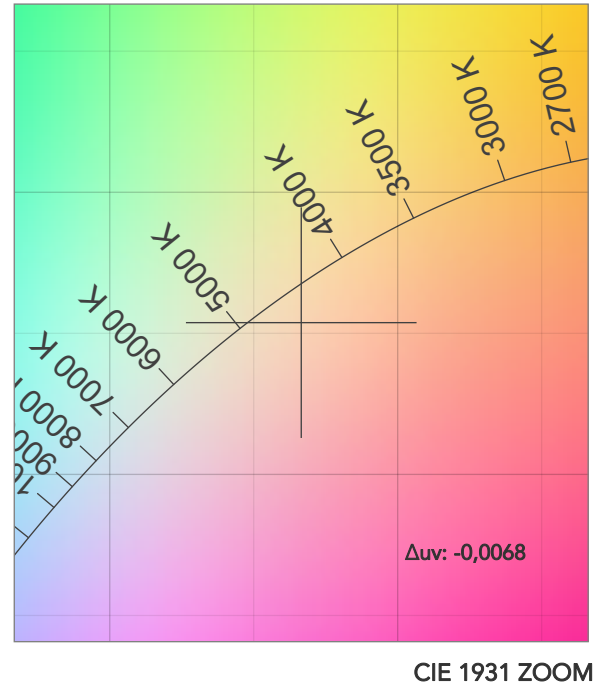
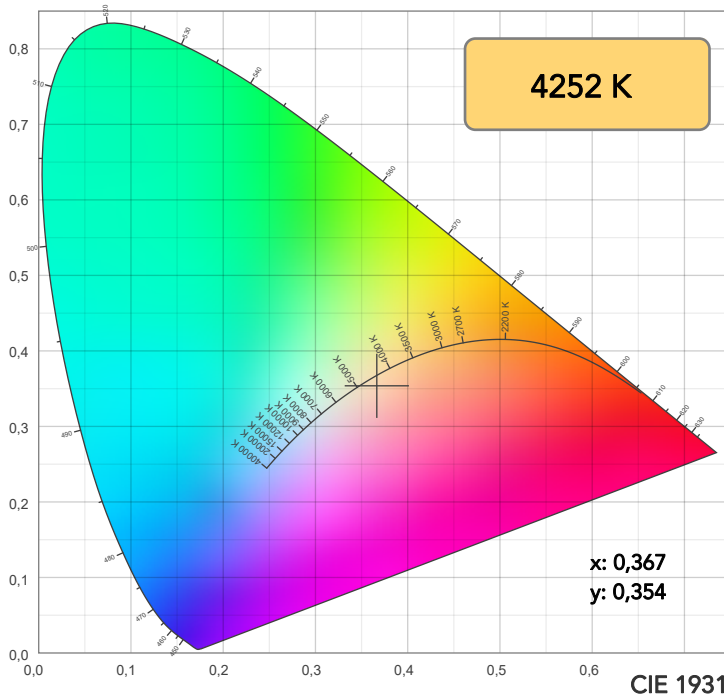
Beam angle 50%: 46,5°

Field angle 10%: 89,2°

Cut off angle 2.5%: 119,8°

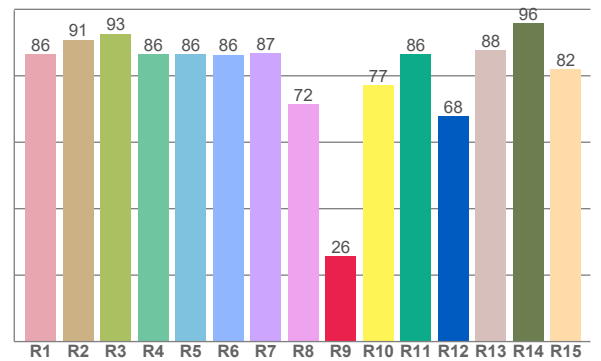
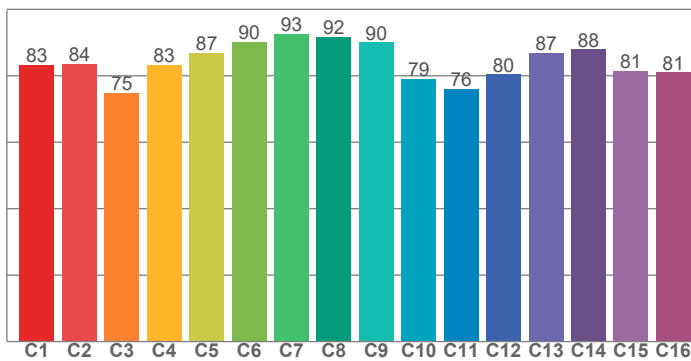
Spectra





TM30: 83,8

CRI: 85,9 (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
86,5	90,9	92,6	86,4	86,4	86,3	86,8	71,5	25,6	77,2	86,4	67,8	87,7	95,8	82,1

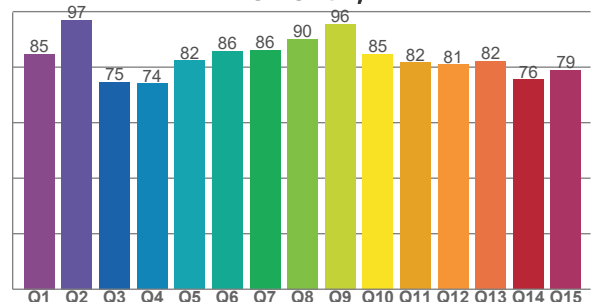
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83,3	83,6	74,8	83,3	86,9	90,2	92,6	91,8	90,0	79,1	76,1	80,4	86,9	88,0	81,5	81,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,7	97,1	74,7	74,1	82,4	85,7	86,1	90,1	95,5	84,8	81,7	80,9	82,2	75,6	78,9

CQS: 82,4



COLOR PARAMETERS

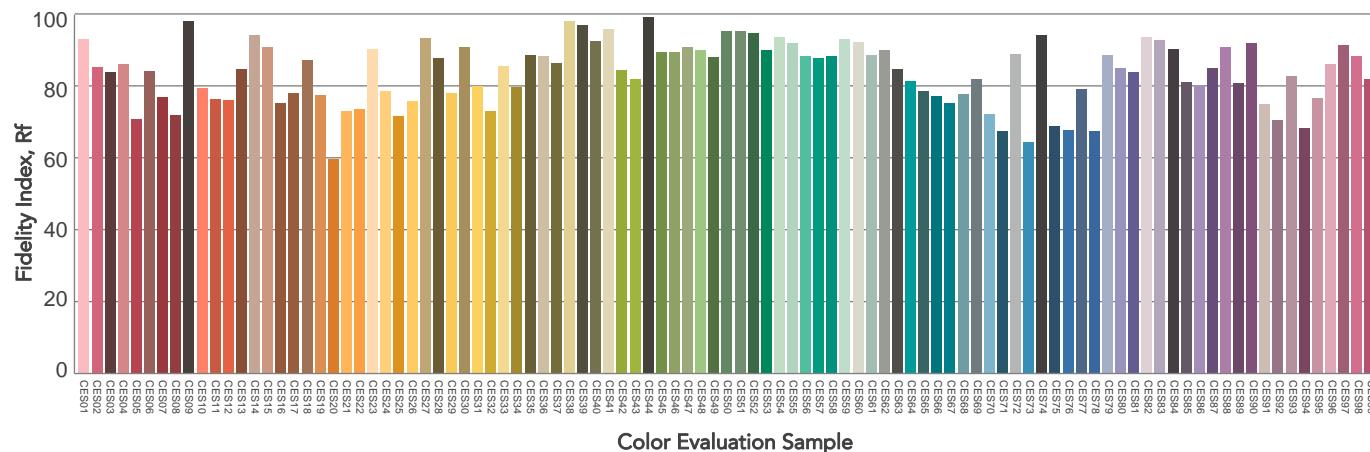
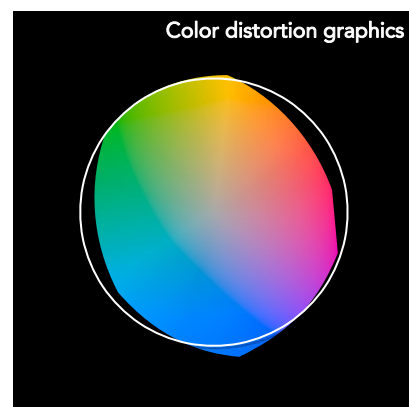
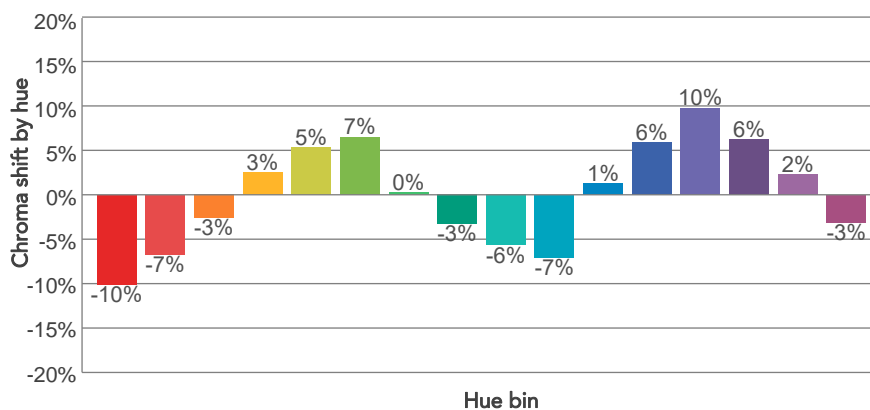
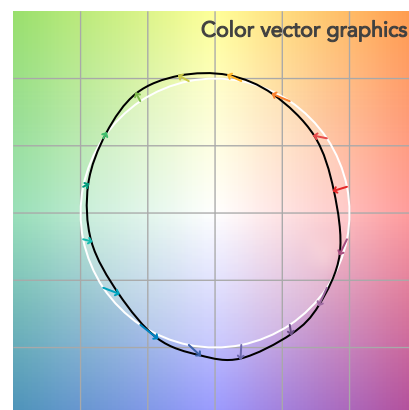
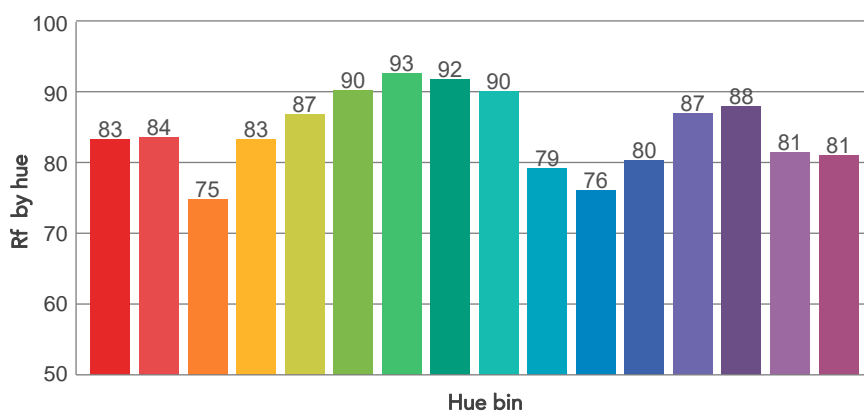
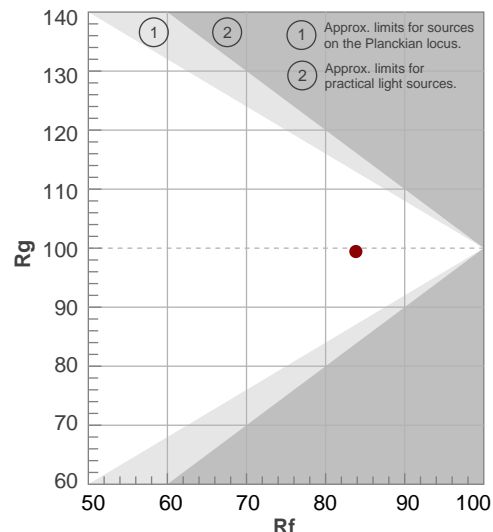
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4252 K	85,9	25,6	83,8	99,4	82,4	70	0,367	0,354	-0,0068

TM30 DETAILS

Rf 83,8
Fidelity index Rf

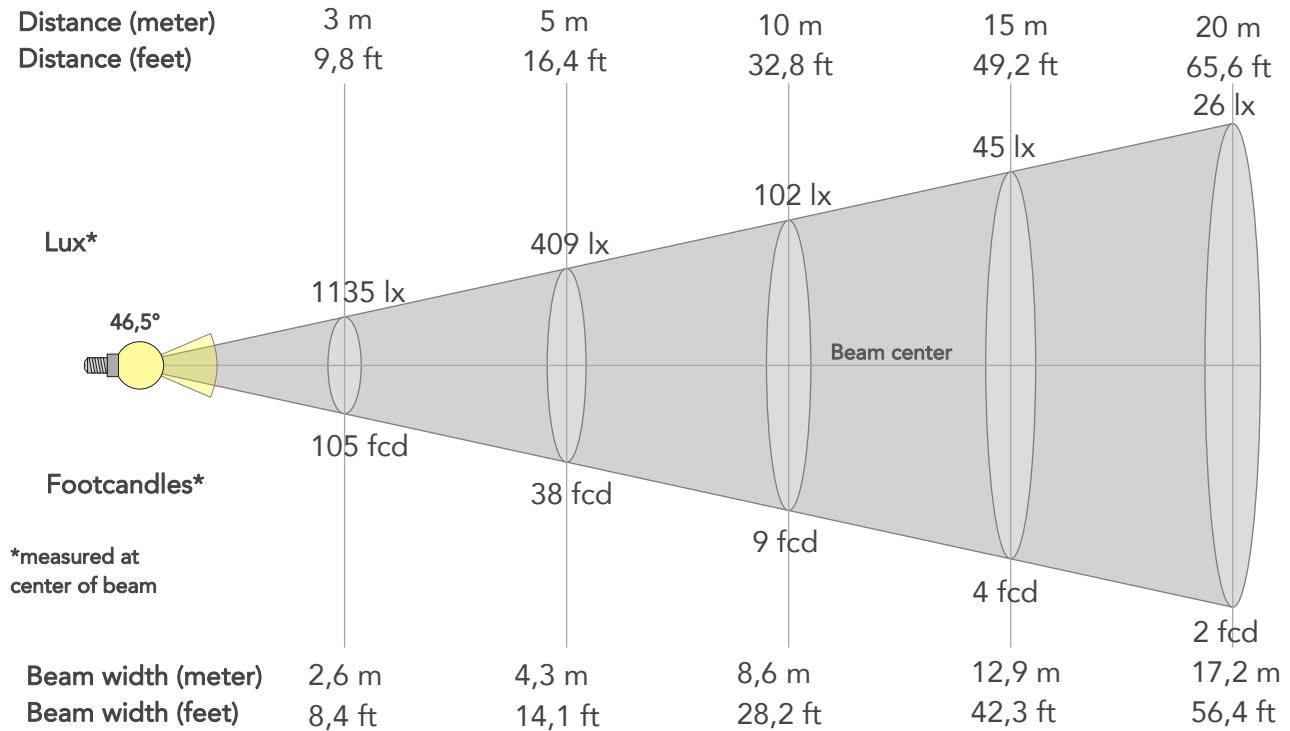
Rg 99,4
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	83	-10%	-1%
2	84	-7%	7%
3	75	-3%	13%
4	83	3%	10%
5	87	5%	6%
6	90	7%	-1%
7	93	0%	-4%
8	92	-3%	-3%
9	90	-6%	3%
10	79	-7%	10%
11	76	1%	16%
12	80	6%	10%
13	87	10%	-3%
14	88	6%	-3%
15	81	2%	-14%
16	81	-3%	-12%



BEAM DETAILS

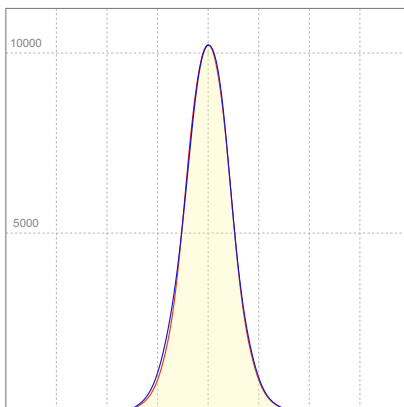
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,5°	89,2°	119,8°	97,4%	88,8%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	10215lx	2554lx	1135lx	638lx	409lx	182lx	102lx	45lx	26lx	16lx	11lx	6lx	4lx
Footcand.	949fcd	237fcd	105fcd	59fcd	38fcd	17fcd	9fcd	4fcd	2fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,6m	12,9m	17,2m	21,5m	25,8m	34,4m	43m
Beam wid.	2,8ft	5,7ft	8,4ft	11,3ft	14,1ft	21,2ft	28,2ft	42,3ft	56,4ft	70,5ft	84,6ft	112,8ft	141ft

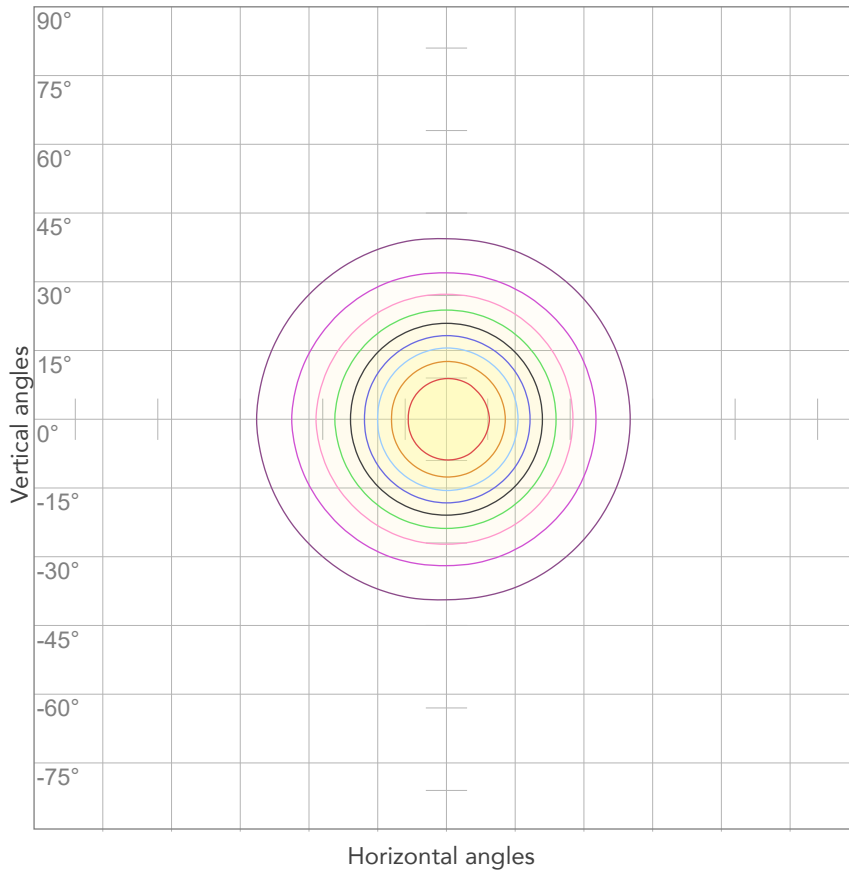
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
223V	0,664A	143,3W	55lm/W
Power Fc			
0,97			

ISO CANDELA DIAGRAM



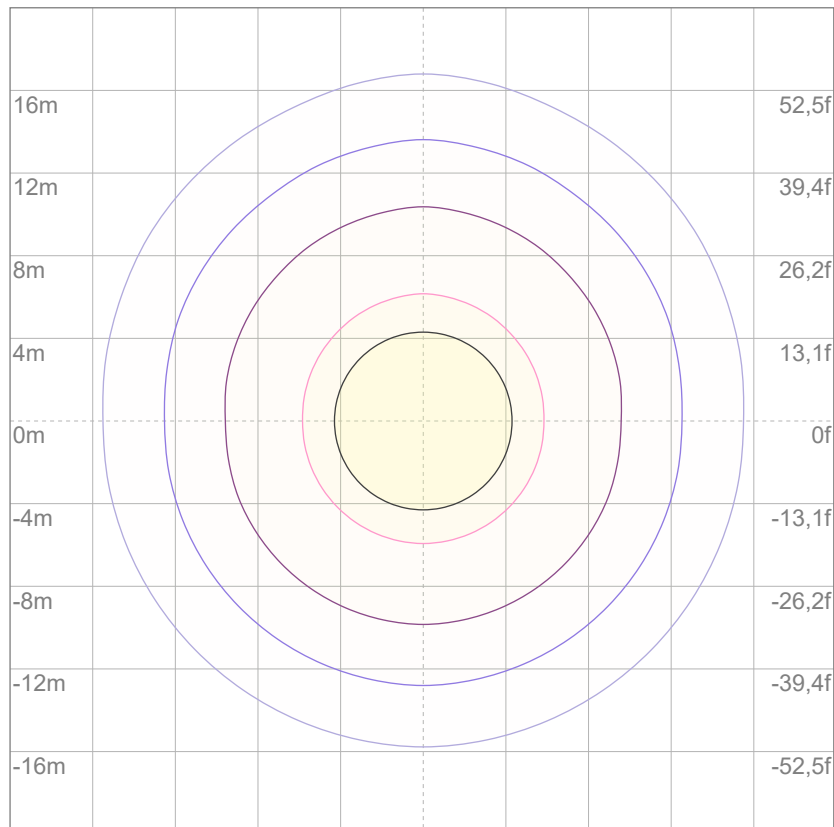
10%	1022 cd
20%	2043 cd
30%	3065 cd
40%	4086 cd
50%	5108 cd
60%	6129 cd
70%	7151 cd
80%	8172 cd

Conditions:

Number of c-planes: 4

Candela at center: 10215 cd

ISO LUX DIAGRAM



3%	3,06 lx
5%	5,11 lx
10%	10,2 lx
30%	30,6 lx
50%	51,1 lx

Conditions:

Number of c-planes: 4

Lux at center: 102 lx

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



Total lumen output:

7902 lm

Peak candela output:

7300 cd

Light quality:

CRI: 85,9

Color temperature:

4253 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 60° Filter

Target:

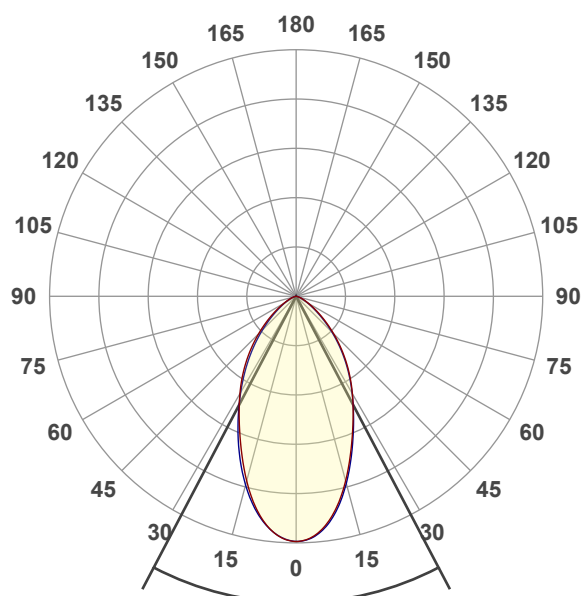
Full on

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:37:17

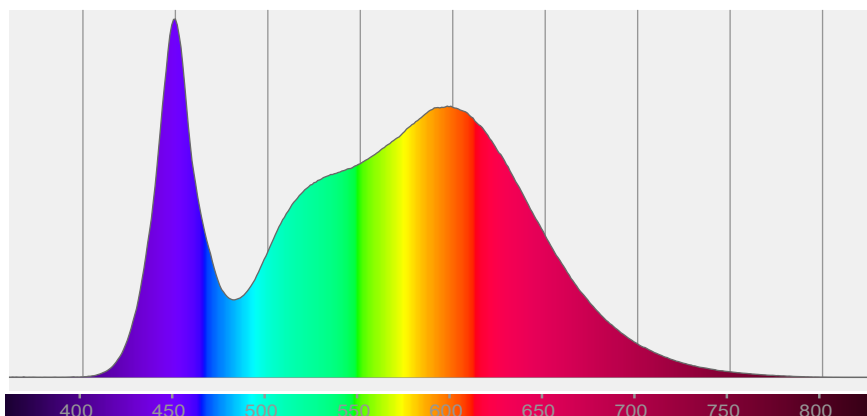


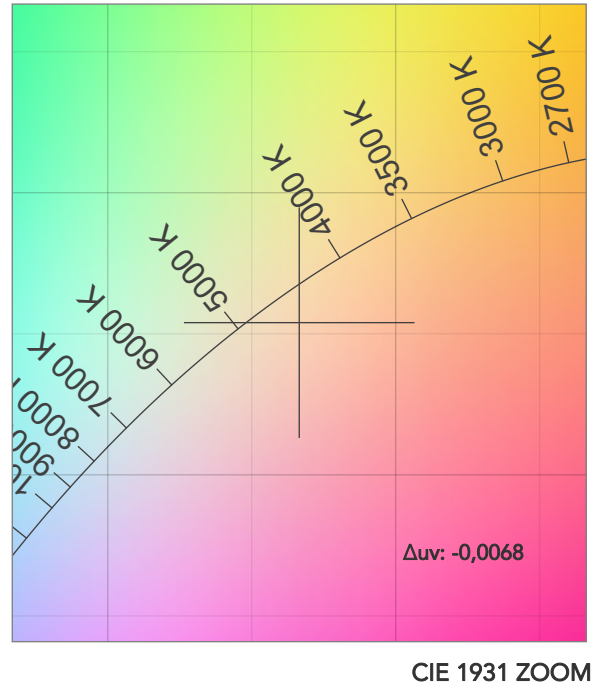
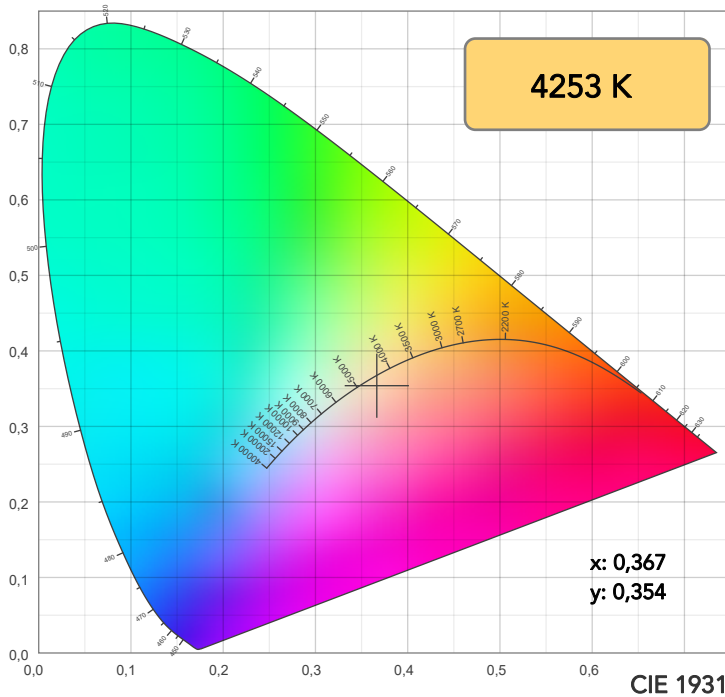
Beam angle 50%: 55,4°

Field angle 10%: 108°

Cut off angle 2.5%: 135,3°

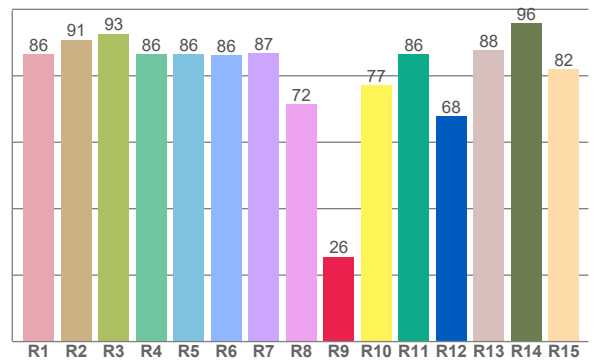
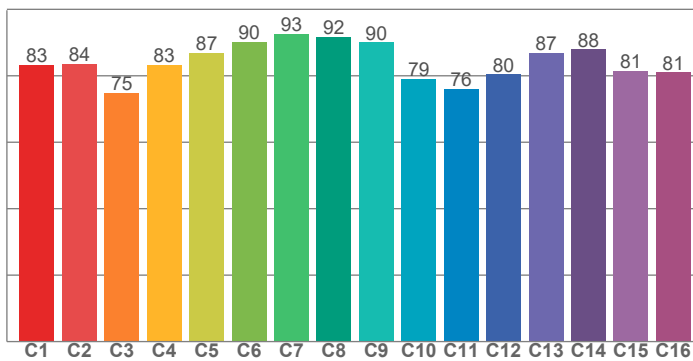
Spectra





TM30: 83,8

CRI: 85,9 (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
86,4	90,9	92,6	86,4	86,4	86,3	86,8	71,5	25,5	77,1	86,4	67,8	87,7	95,8	82,0

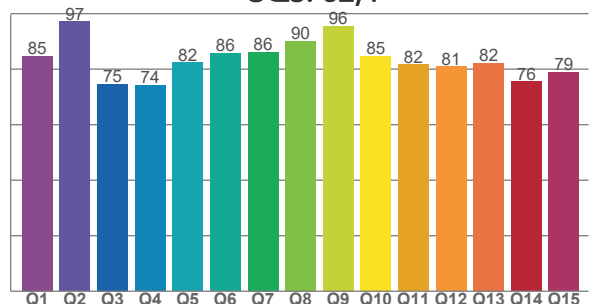
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83,3	83,6	74,9	83,3	86,9	90,2	92,6	91,7	90,0	79,2	76,1	80,4	86,9	88,0	81,5	81,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,7	97,1	74,7	74,2	82,4	85,7	86,1	90,1	95,5	84,8	81,7	80,9	82,2	75,5	78,9

CQS: 82,4



COLOR PARAMETERS

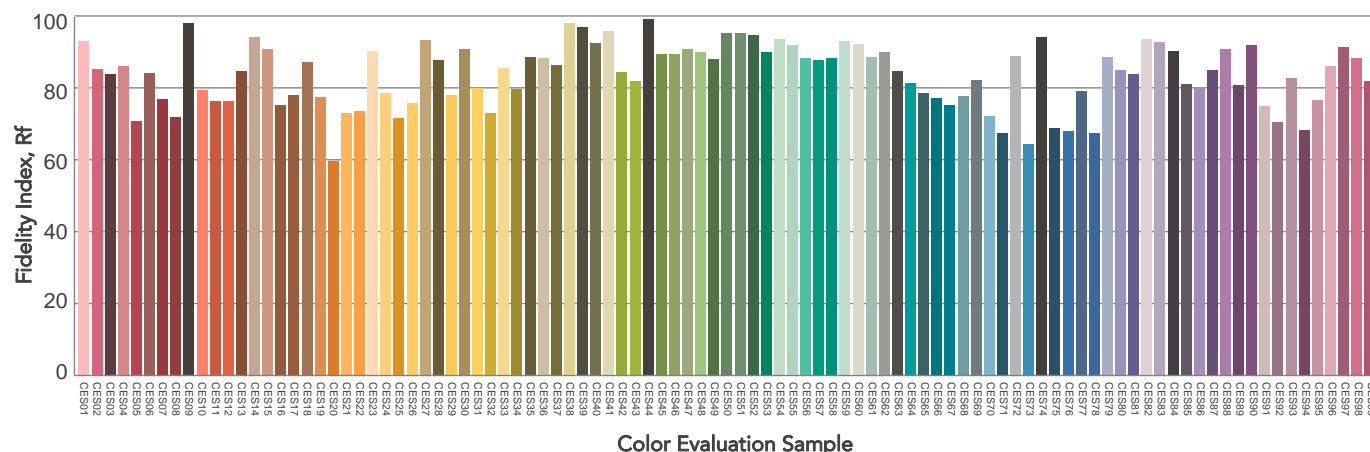
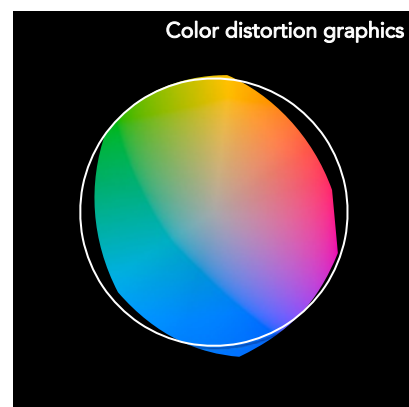
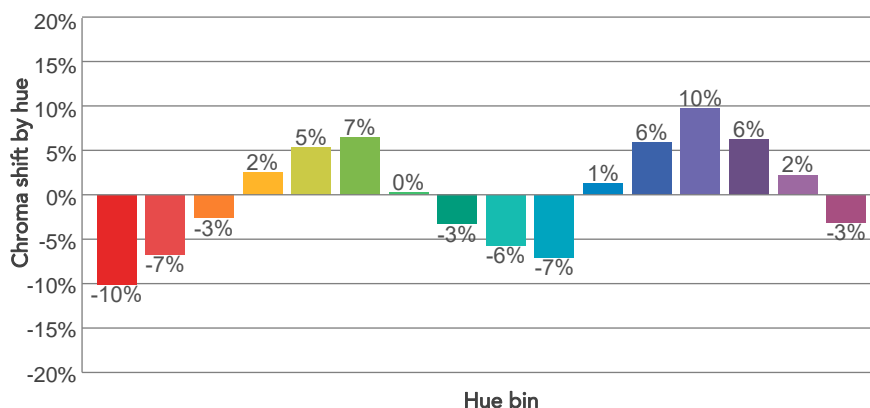
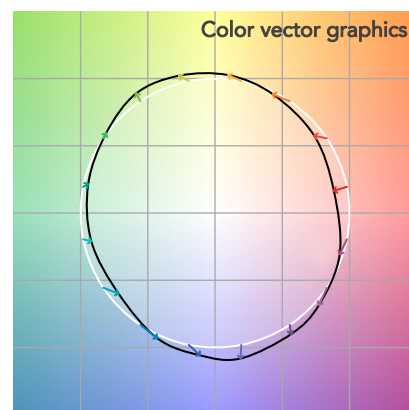
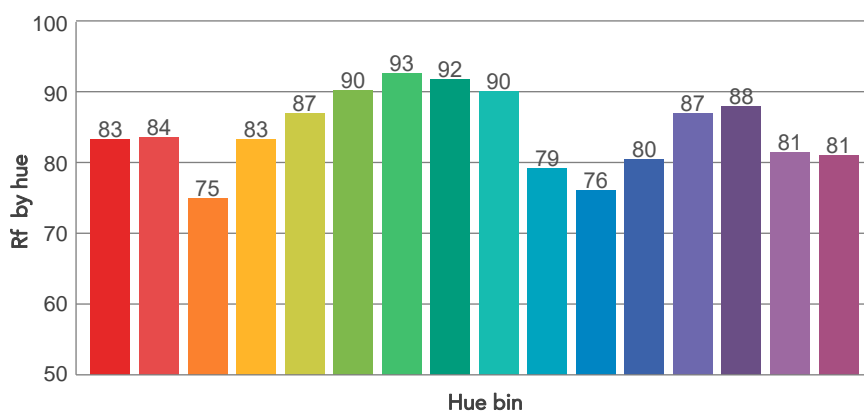
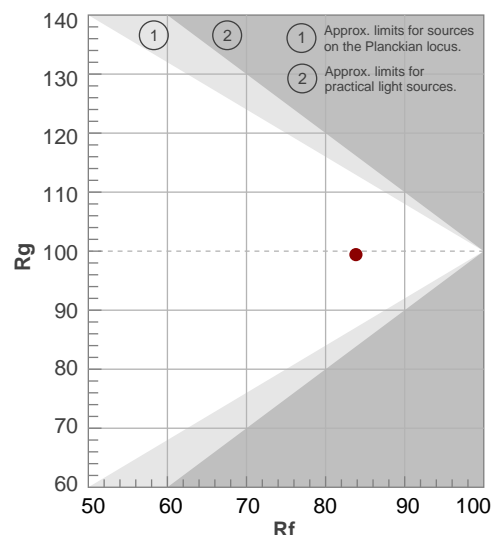
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4253 K	85,9	25,5	83,8	99,4	82,4	70	0,367	0,354	-0,0068

TM30 DETAILS

Rf 83,8
Fidelity index Rf

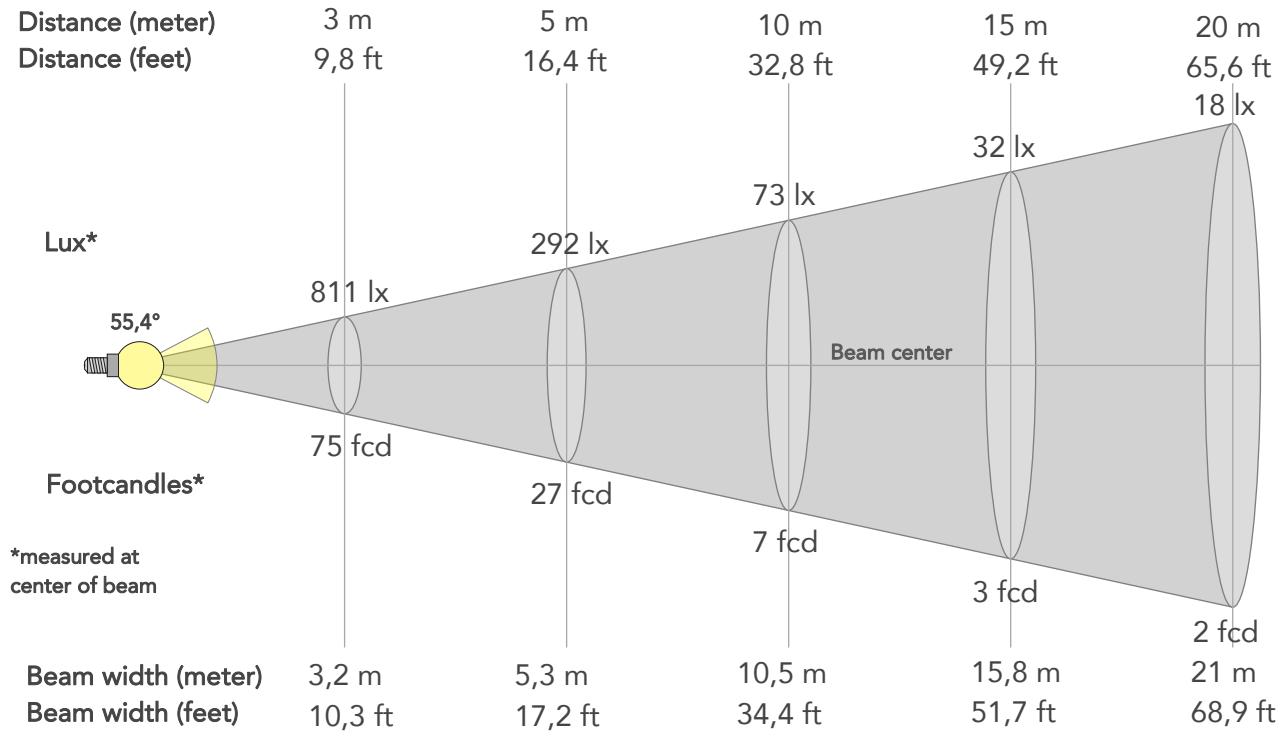
Rg 99,4
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	83	-10%	-1%
2	84	-7%	7%
3	75	-3%	13%
4	83	2%	10%
5	87	5%	6%
6	90	7%	-1%
7	93	0%	-4%
8	92	-3%	-3%
9	90	-6%	3%
10	79	-7%	10%
11	76	1%	16%
12	80	6%	10%
13	87	10%	-3%
14	88	6%	-3%
15	81	2%	-14%
16	81	-3%	-12%



BEAM DETAILS

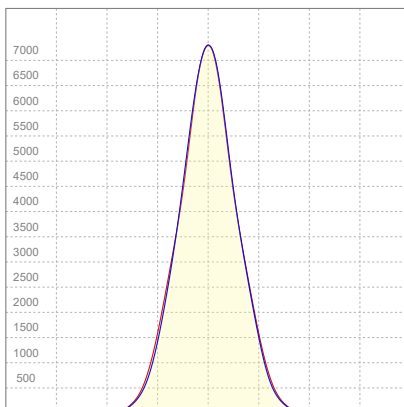
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
55,4°	108°	135,3°	95,9%	81,7%



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	7299lx	1825lx	811lx	456lx	292lx	130lx	73lx	32lx	18lx	12lx	8lx	5lx	3lx
Footcand.	678fcd	170fcd	75fcd	42fcd	27fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	1,1m	2,1m	3,2m	4,2m	5,3m	7,9m	10,5m	15,8m	21m	26,3m	31,5m	42m	52,5m
Beam wid.	3,5ft	6,9ft	10,3ft	13,8ft	17,2ft	25,8ft	34,4ft	51,7ft	68,9ft	86,1ft	103,3ft	137,8ft	172,2ft

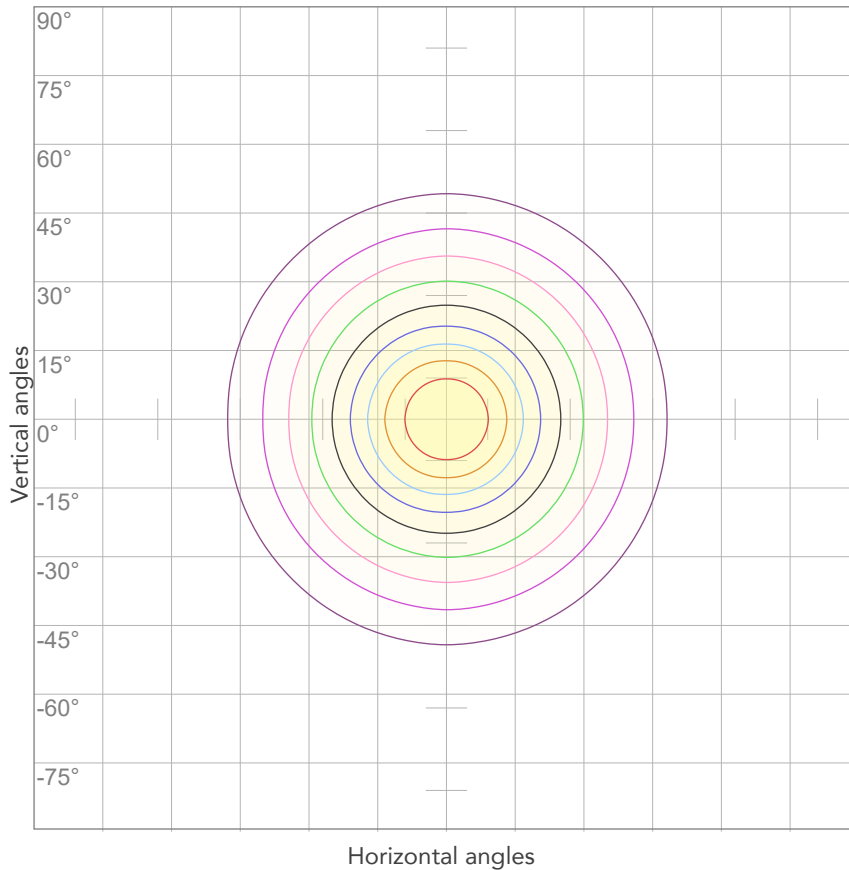
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,662A	143,5W	55lm/W
Power Fc			
0,97			

ISO CANDELA DIAGRAM



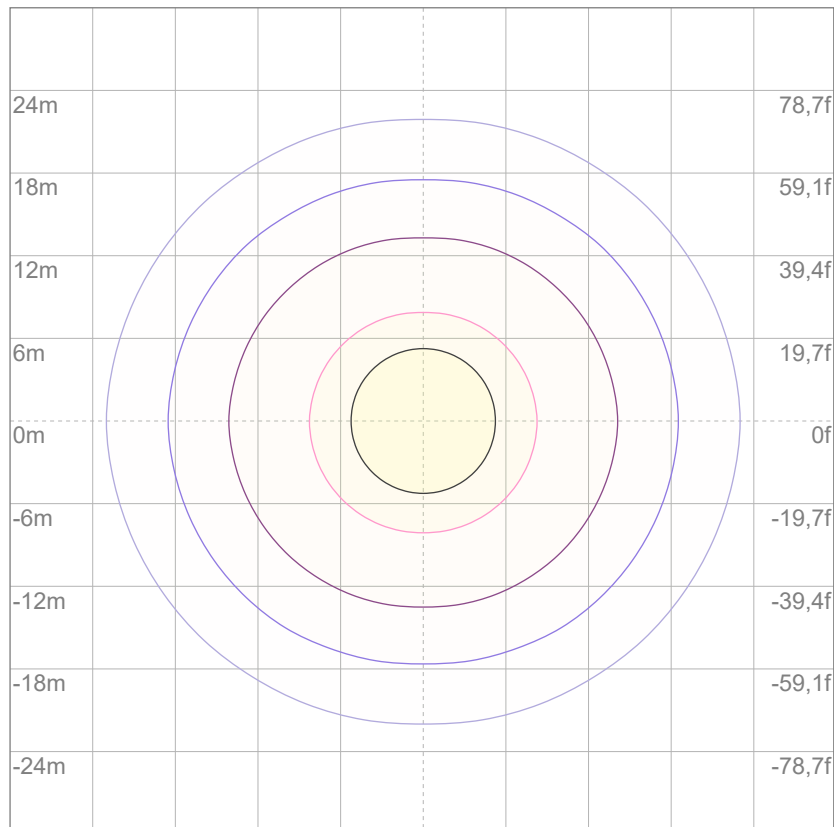
10%	730 cd
20%	1460 cd
30%	2190 cd
40%	2920 cd
50%	3650 cd
60%	4379 cd
70%	5109 cd
80%	5839 cd

Conditions:

Number of c-planes: 4

Candela at center: 7299 cd

ISO LUX DIAGRAM



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

Conditions:

Number of c-planes: 4

Lux at center: 73,0 lx

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



Total lumen output:

7937 lm

Peak candela output:

5144 cd

Light quality:

CRI: 85,7

Color temperature:

4234 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 80° Filter

Target:

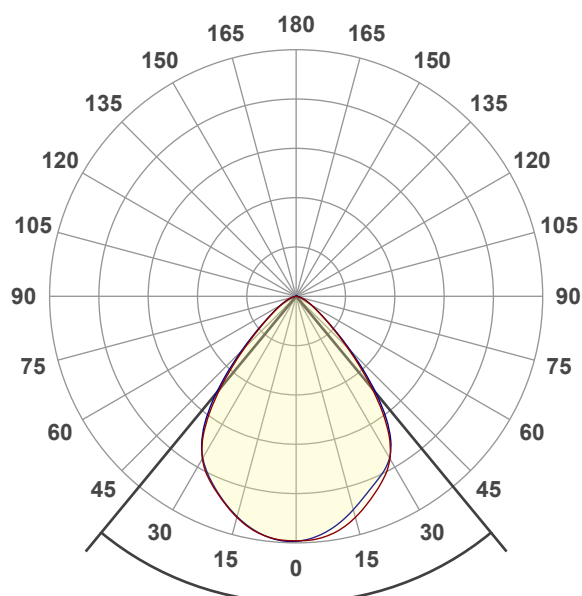
Full on

Operator:

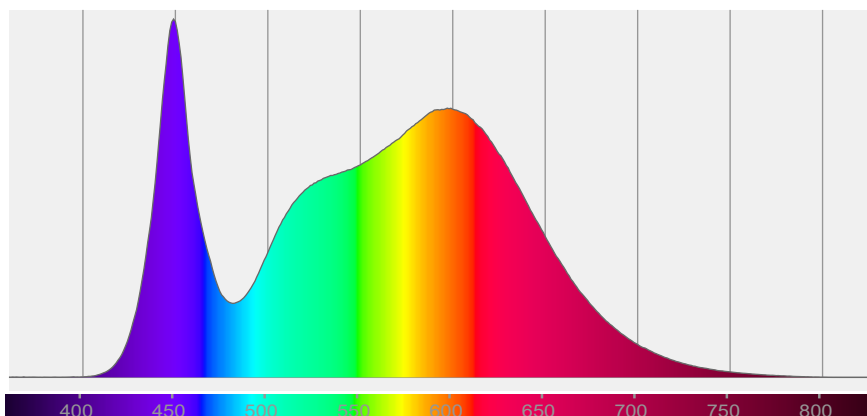
Nicola Savarese

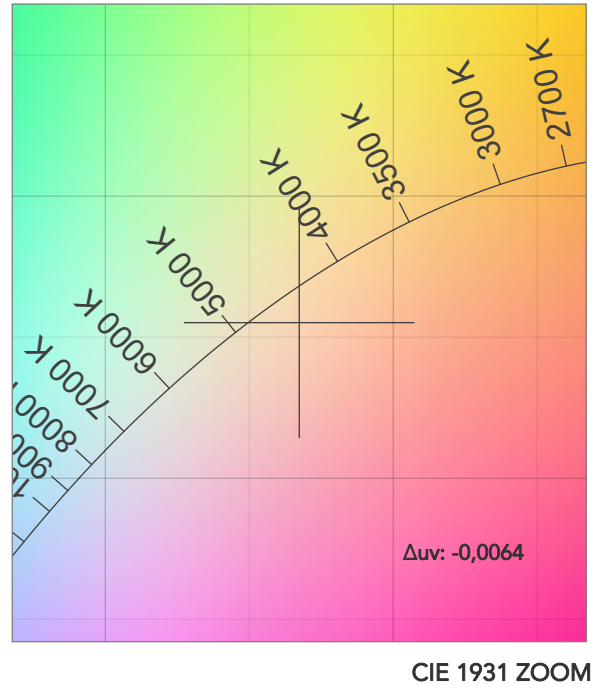
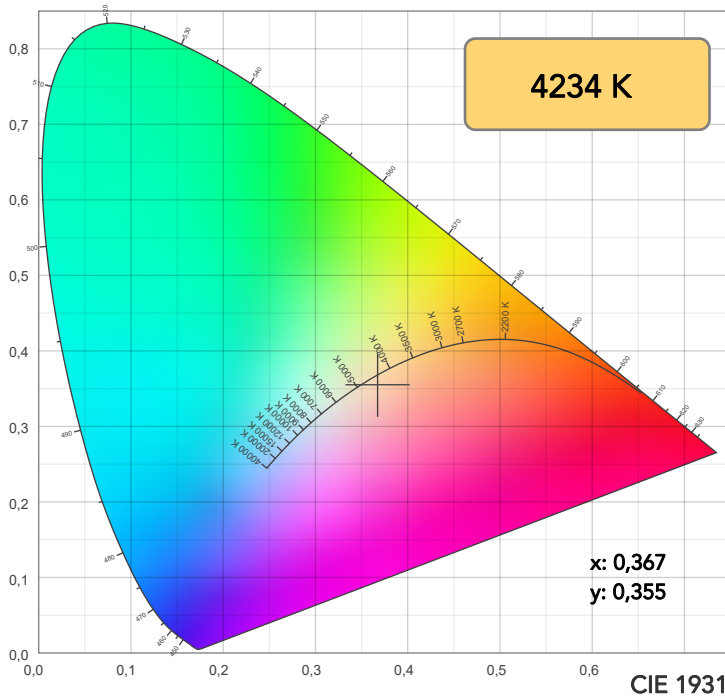
Date and time:

15/07/2022 14:20:36



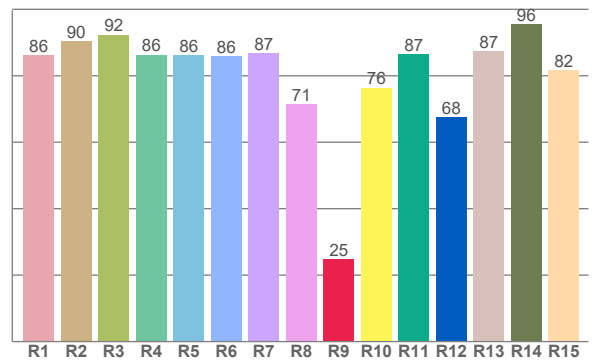
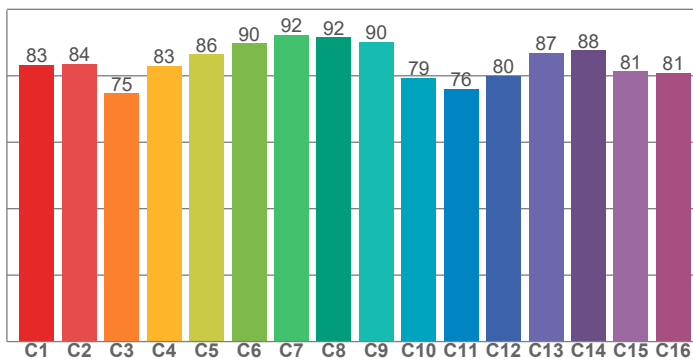
Spectra





TM30: 83,7

CRI: 85,7 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
86,2	90,5	92,3	86,4	86,2	86,0	86,8	71,4	24,9	76,4	86,5	67,5	87,4	95,6	81,6

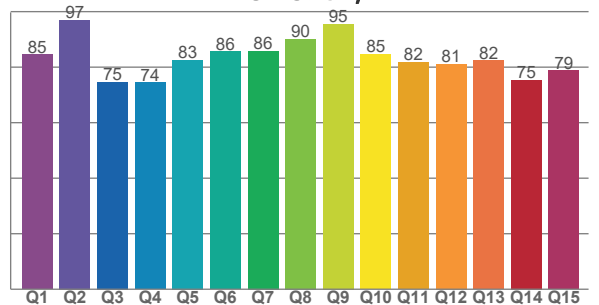
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83,3	83,6	74,7	82,9	86,5	89,7	92,4	91,6	90,1	79,3	76,0	80,1	86,9	87,7	81,4	80,9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,5	96,9	74,6	74,4	82,6	85,6	85,9	90,1	95,5	84,7	81,8	81,1	82,4	75,4	78,7

CQS: 82,4



COLOR PARAMETERS

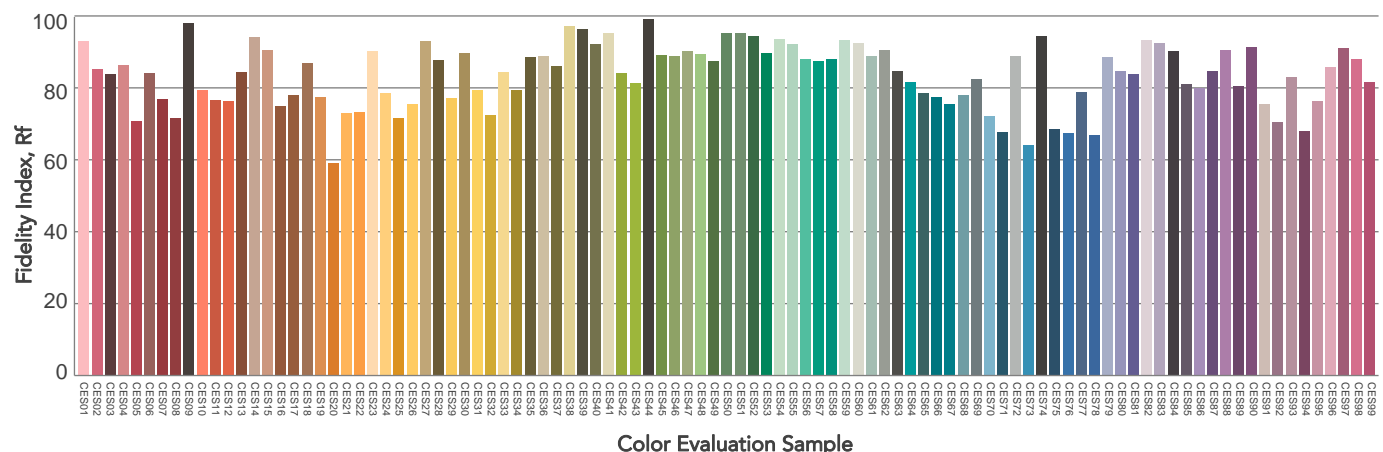
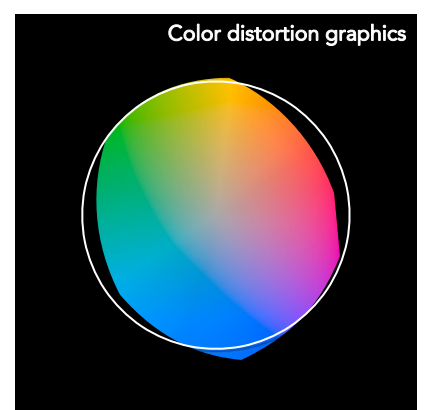
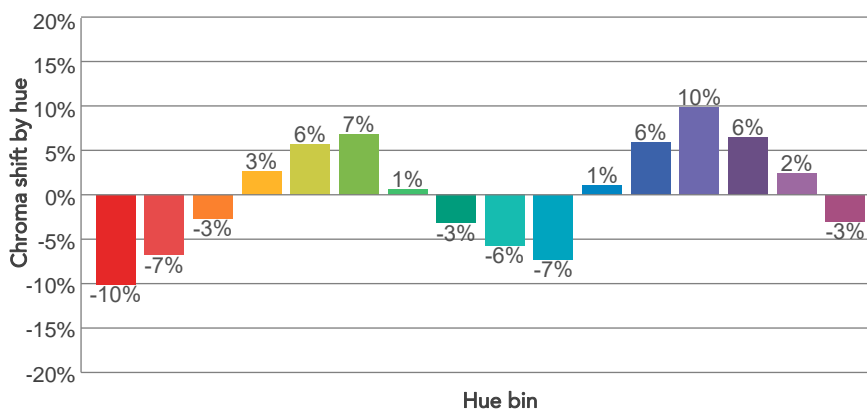
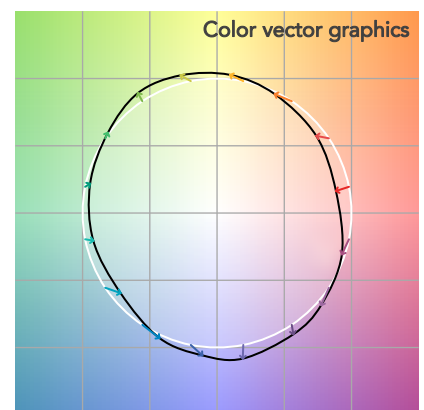
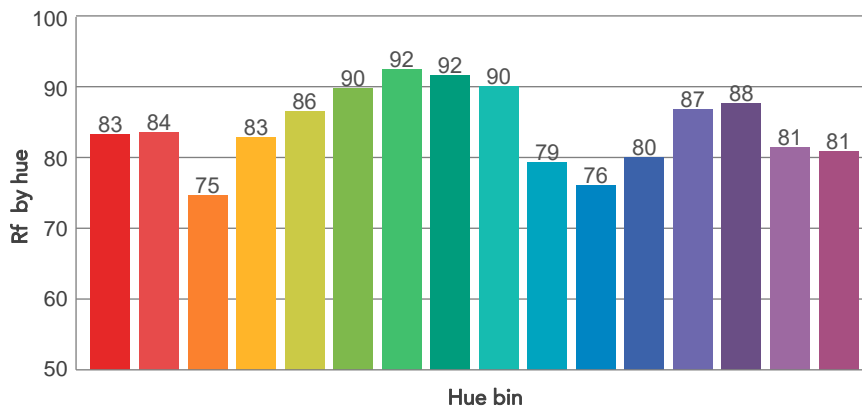
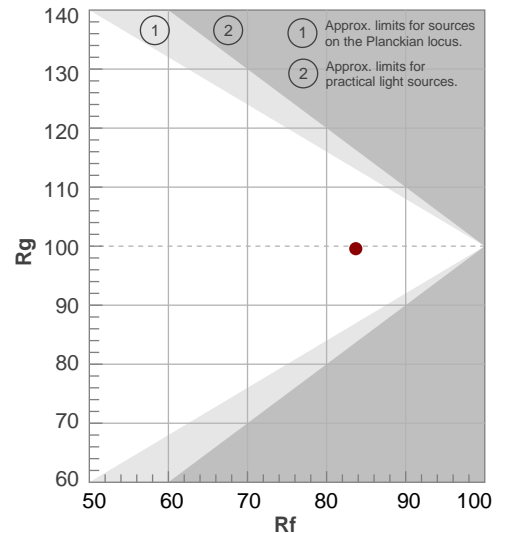
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4234 K	85,7	24,9	83,7	99,6	82,4	69	0,367	0,355	-0,0064

TM30 DETAILS

Rf 83,7
Fidelity index Rf

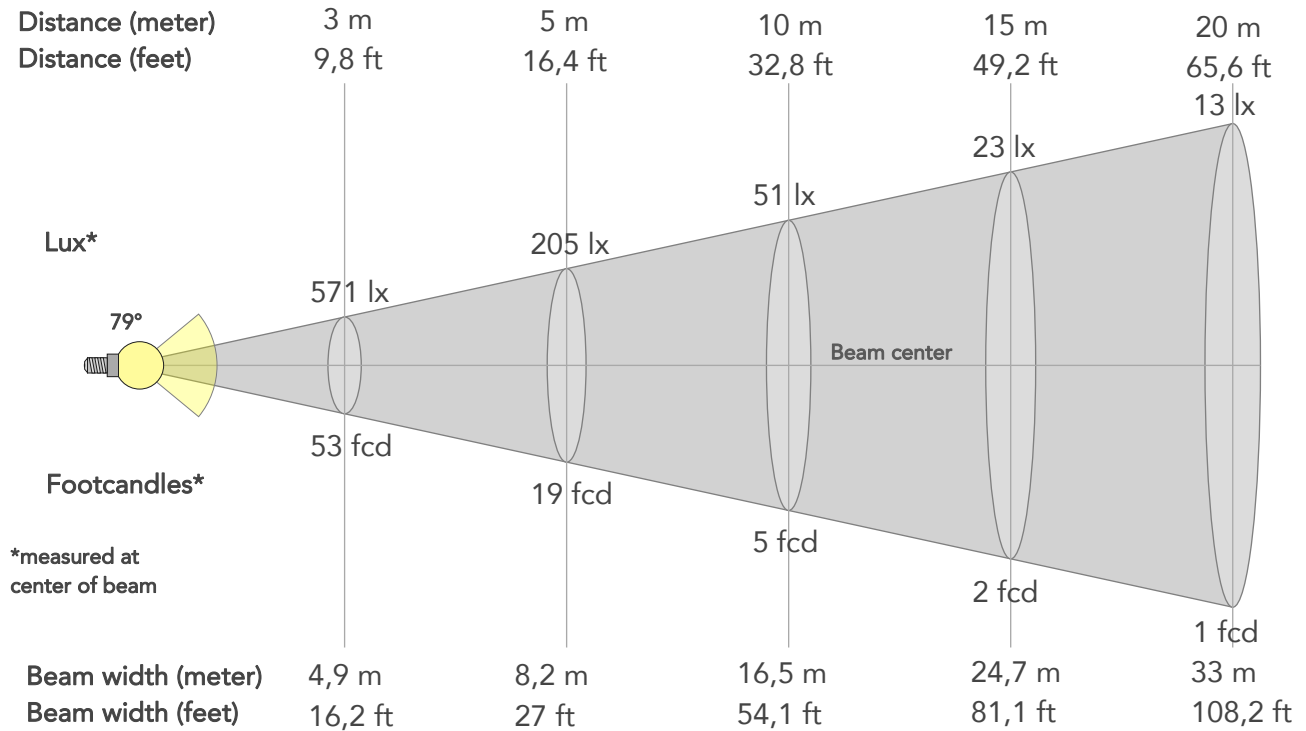
Rg 99,6
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	83	-10%	-1%
2	84	-7%	7%
3	75	-3%	13%
4	83	3%	11%
5	86	6%	7%
6	90	7%	-1%
7	92	1%	-5%
8	92	-3%	-3%
9	90	-6%	2%
10	79	-7%	10%
11	76	1%	16%
12	80	6%	10%
13	87	10%	-2%
14	88	6%	-3%
15	81	2%	-14%
16	81	-3%	-12%



BEAM DETAILS

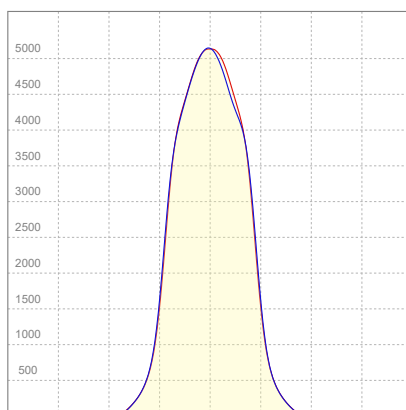
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
79°	112,7°	142,8°	95,8%	82,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	5136lx	1284lx	571lx	321lx	205lx	91lx	51lx	23lx	13lx	8lx	6lx	3lx	2lx
Footcand.	477fcd	119fcd	53fcd	30fcd	19fcd	8fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	1,6m	3,3m	4,9m	6,6m	8,2m	12,4m	16,5m	24,7m	33m	41,2m	49,5m	66m	82,5m
Beam wid.	5,4ft	10,9ft	16,2ft	21,6ft	27ft	40,6ft	54,1ft	81,1ft	108,2ft	135,2ft	162,3ft	216,4ft	270,5ft

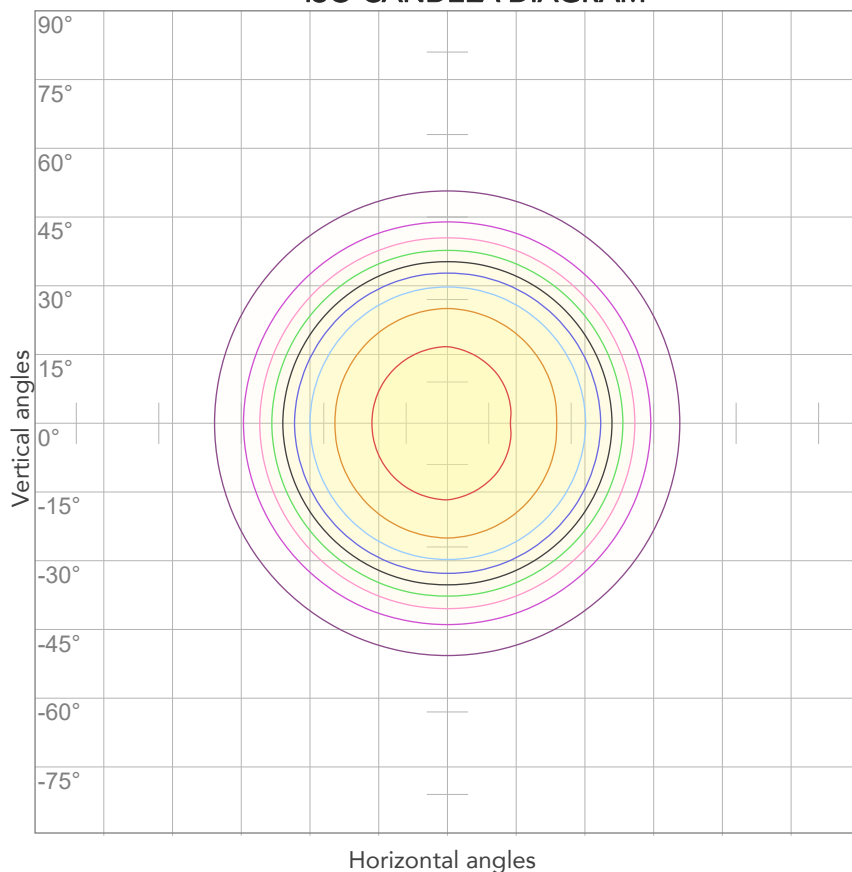
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,667A	145W	55lm/W
Power Fc			
0,97			

ISO CANDELA DIAGRAM



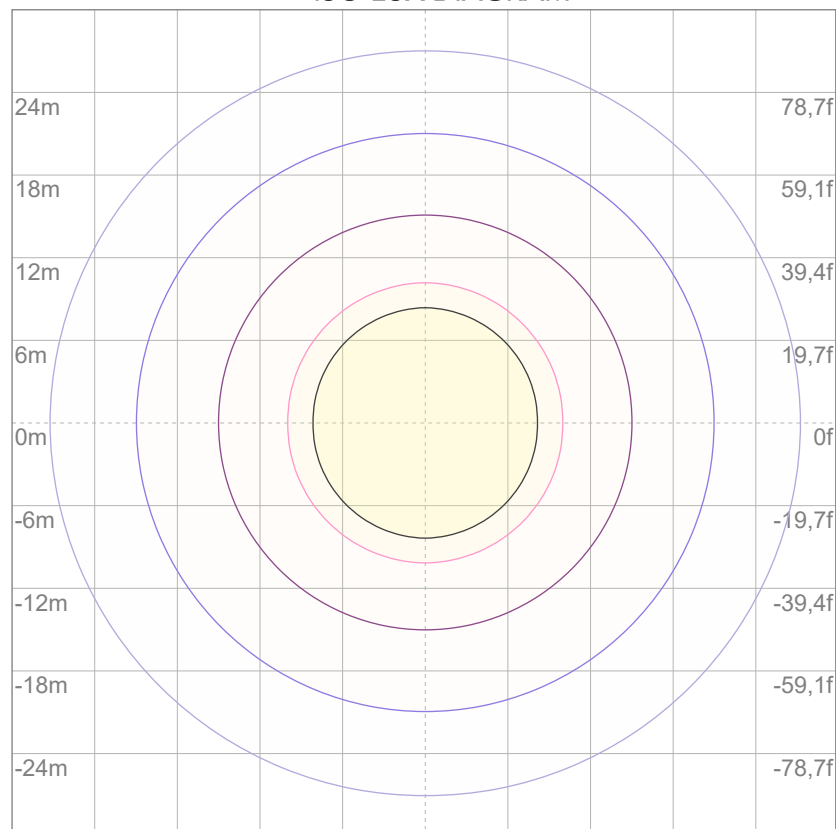
10%	514 cd
20%	1027 cd
30%	1541 cd
40%	2055 cd
50%	2568 cd
60%	3082 cd
70%	3595 cd
80%	4109 cd

Conditions:

Number of c-planes: 4

Candela at center: 5136 cd

ISO LUX DIAGRAM



3%	1,54 lx
5%	2,57 lx
10%	5,14 lx
30%	15,4 lx
50%	25,7 lx

Conditions:

Number of c-planes: 4

Lux at center: 51,4 lx

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



Total lumen output:

15410 lm

Peak candela output:

28149 cd

Light quality:

CRI: 86,1

Color temperature:

4237 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 10°x60° Filter

Target:

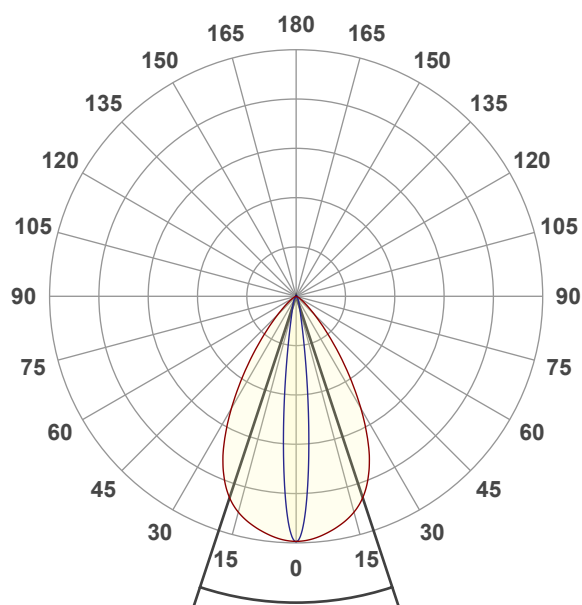
Full on

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:48:54

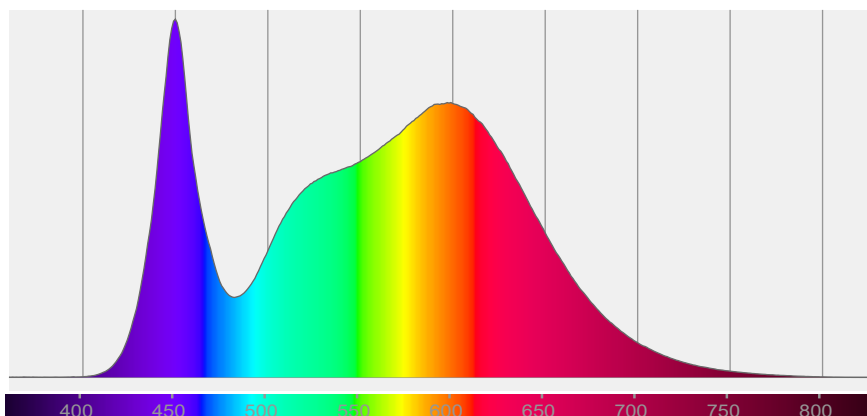


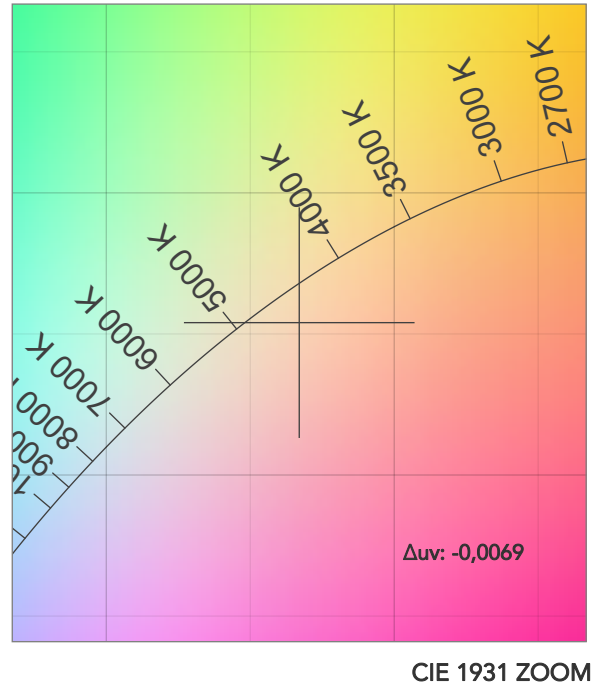
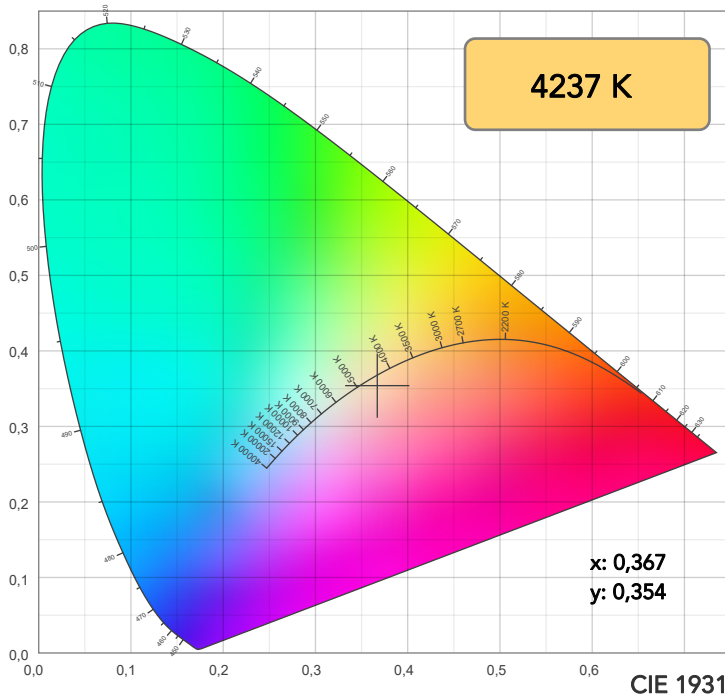
Beam angle 50%: 36,6°

Field angle 10%: 57,9°

Cut off angle 2.5%: 80,7°

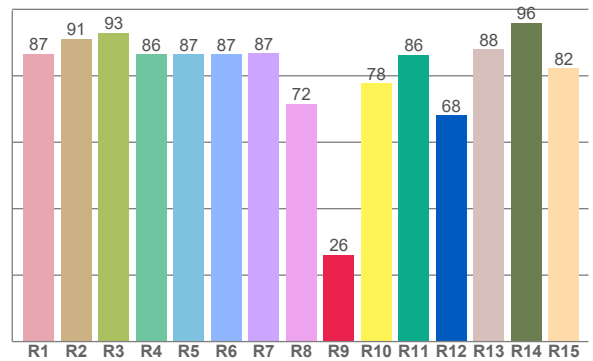
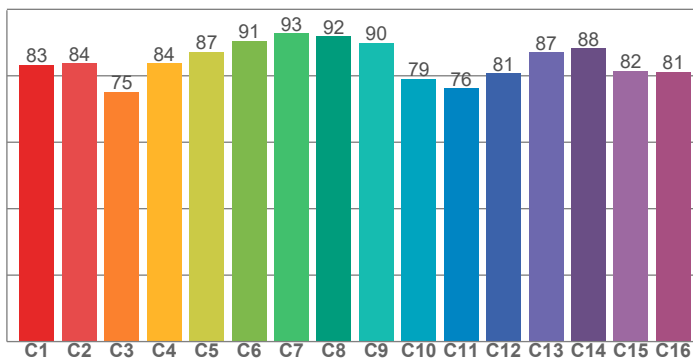
Spectra





TM30: 84,0

CRI: 86,1 (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
86,6	91,2	92,9	86,5	86,6	86,6	86,9	71,6	26,1	77,7	86,4	68,1	87,9	95,9	82,3

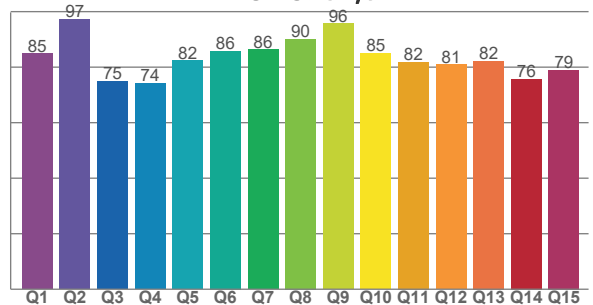
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83,4	83,7	75,2	83,7	87,2	90,5	92,8	91,8	89,9	79,1	76,3	80,8	87,0	88,2	81,6	81,1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,9	97,2	74,9	74,2	82,3	85,8	86,3	90,1	95,7	85,0	81,8	81,0	82,3	75,7	79,0

CQS: 82,5



COLOR PARAMETERS

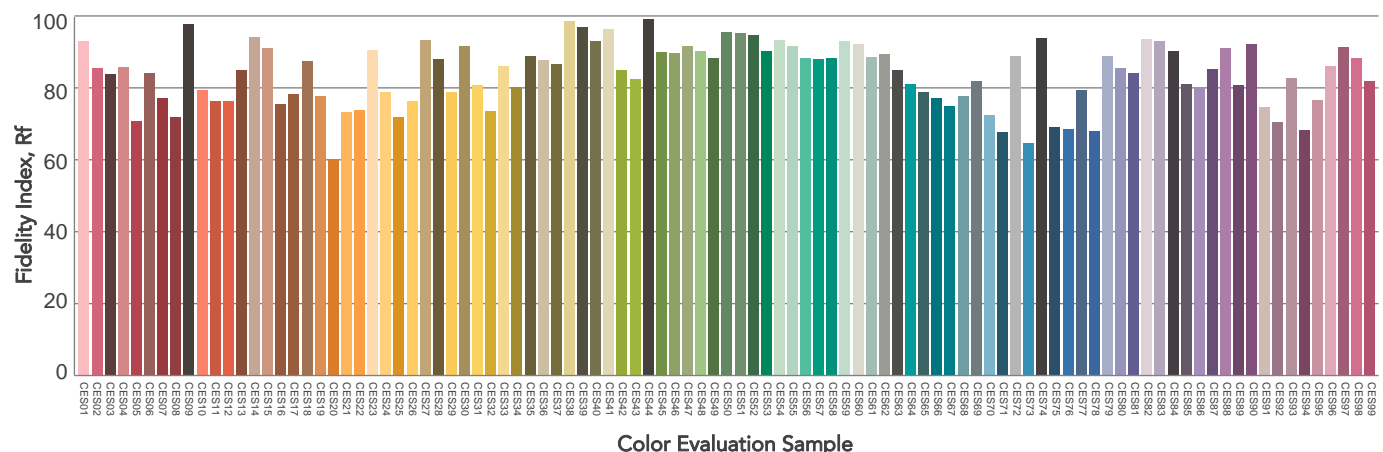
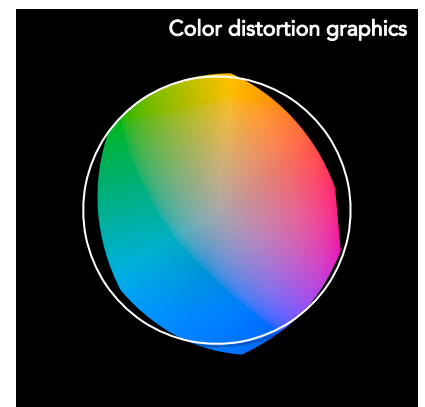
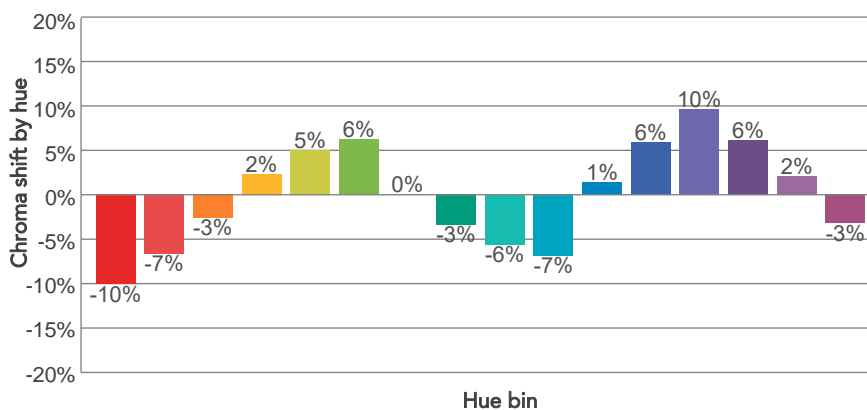
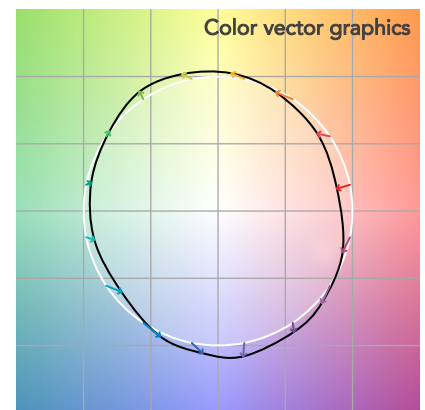
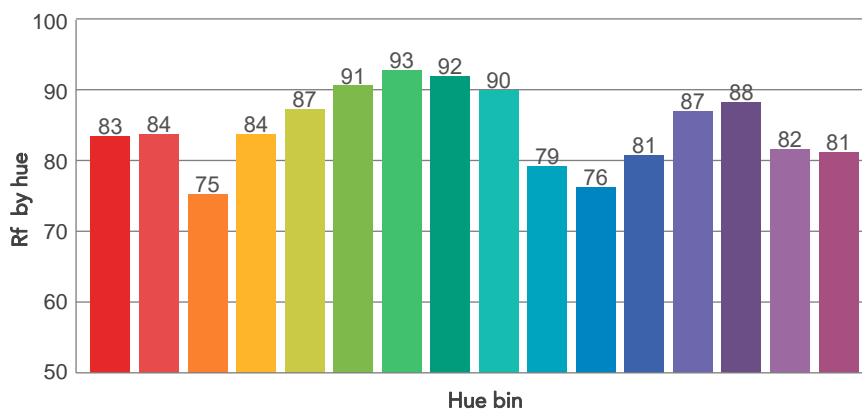
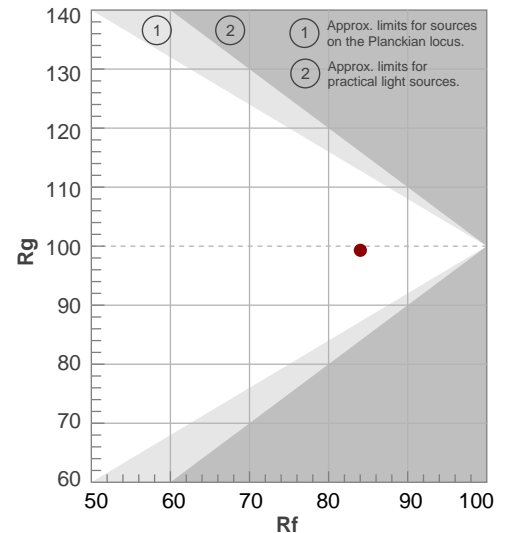
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4237 K	86,1	26,1	84,0	99,3	82,5	70	0,367	0,354	-0,0069

TM30 DETAILS

Rf 84,0
Fidelity index Rf

Rg 99,3
Gammut index

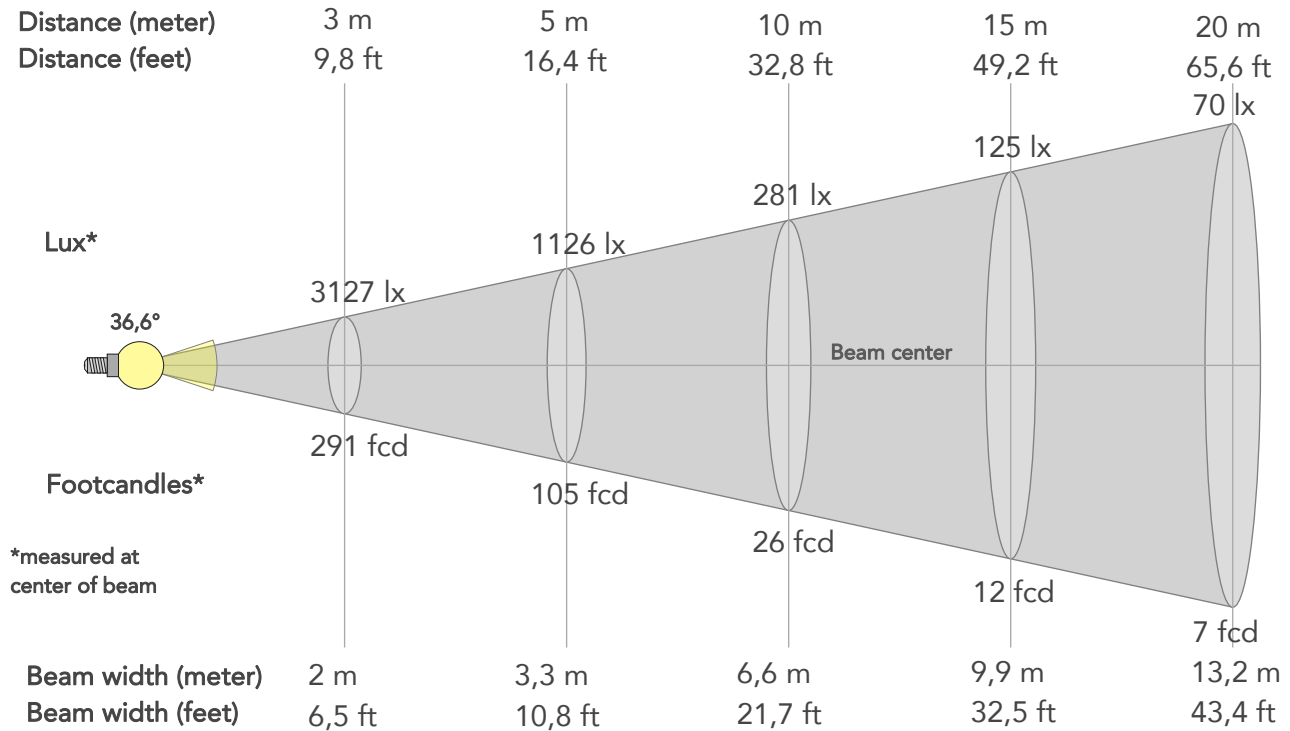
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	83	-10%	-1%
2	84	-7%	7%
3	75	-3%	13%
4	84	2%	10%
5	87	5%	6%
6	91	6%	-1%
7	93	0%	-4%
8	92	-3%	-2%
9	90	-6%	3%
10	79	-7%	10%
11	76	1%	16%
12	81	6%	9%
13	87	10%	-3%
14	88	6%	-3%
15	82	2%	-14%
16	81	-3%	-12%



BEAM DETAILS



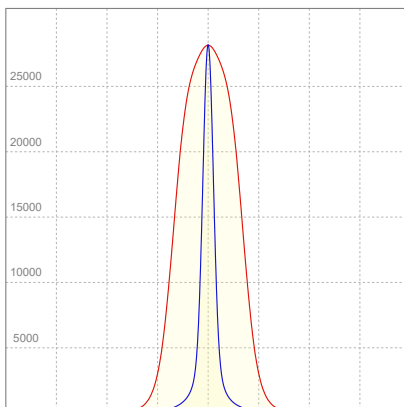
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36,6°	57,9°	80,7°	99,0%	93,4%



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	28147lx	7037lx	3127lx	1759lx	1126lx	500lx	281lx	125lx	70lx	45lx	31lx	18lx	11lx
Footcand.	2615fcd	654fcd	291fcd	163fcd	105fcd	46fcd	26fcd	12fcd	7fcd	4fcd	3fcd	2fcd	1fcd
Beam wid.	0,7m	1,3m	2m	2,6m	3,3m	5m	6,6m	9,9m	13,2m	16,5m	19,8m	26,4m	33m
Beam wid.	2,2ft	4,4ft	6,5ft	8,7ft	10,8ft	16,3ft	21,7ft	32,5ft	43,4ft	54,2ft	65ft	86,7ft	108,4ft

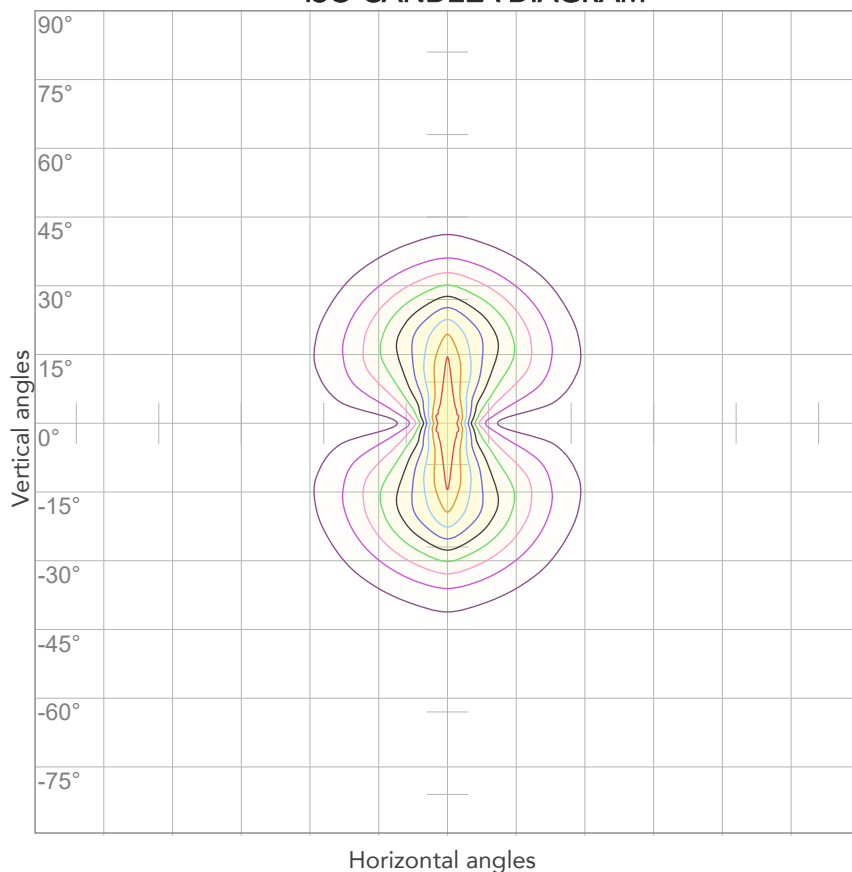
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,658A	142,5W	108lm/W
Power Fc			
0,97			

ISO CANDELA DIAGRAM



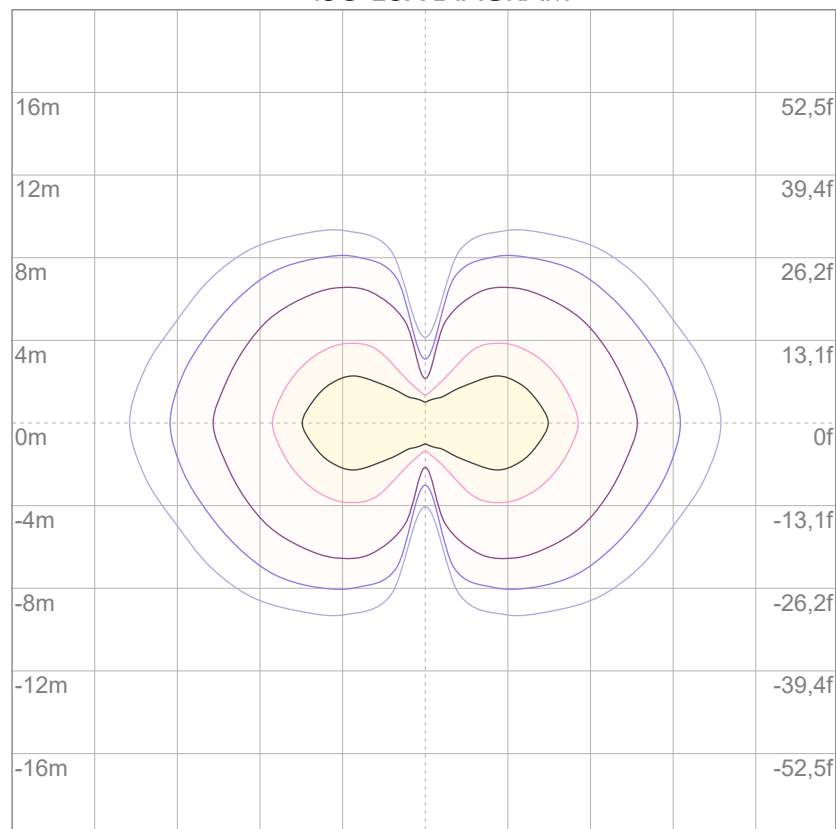
10%	2815 cd
20%	5629 cd
30%	8444 cd
40%	11259 cd
50%	14073 cd
60%	16888 cd
70%	19703 cd
80%	22517 cd

Conditions:

Number of c-planes: 4

Candela at center: 28147 cd

ISO LUX DIAGRAM



3%	8,44 lx
5%	14,1 lx
10%	28,1 lx
30%	84,4 lx
50%	141 lx

Conditions:

Number of c-planes: 4

Lux at center: 281 lx

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



Total lumen output:

8667 lm

Peak candela output:

12939 cd

Light quality:

CRI: 86,2

Color temperature:

4279 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 30°x60° Filter

Target:

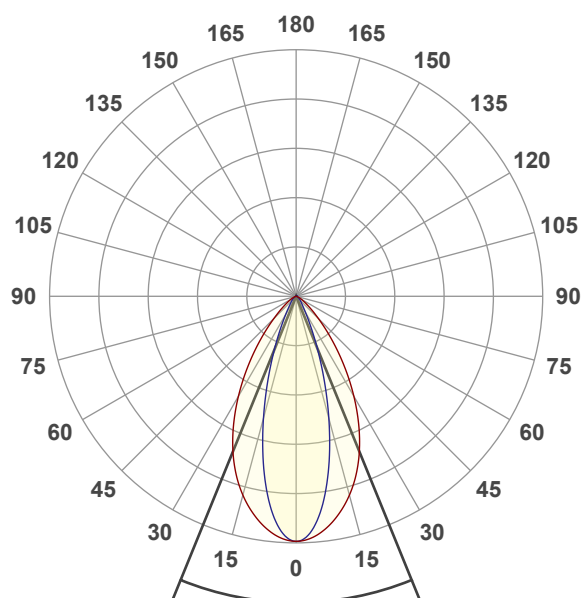
Full on

Operator:

Nicola Savarese

Date and time:

15/07/2022 13:23:17

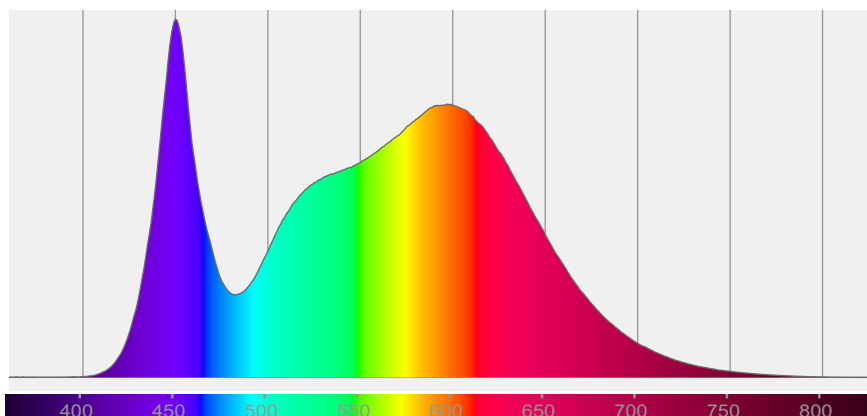


Beam angle 50%: 44,3°

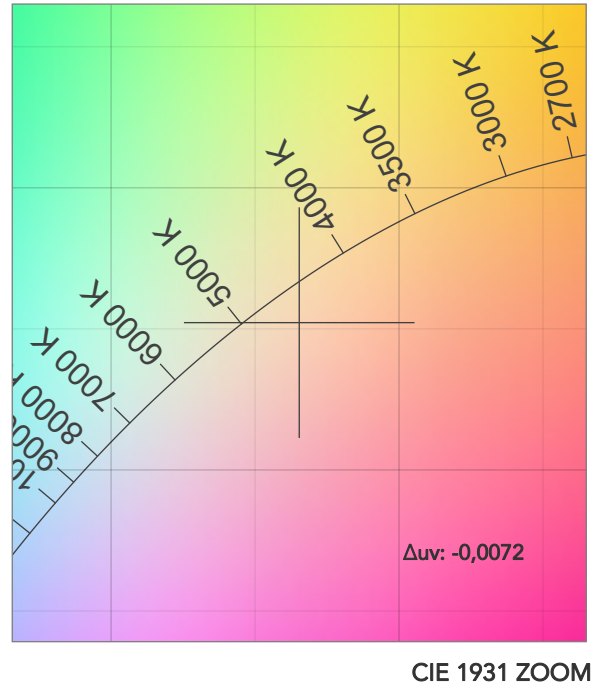
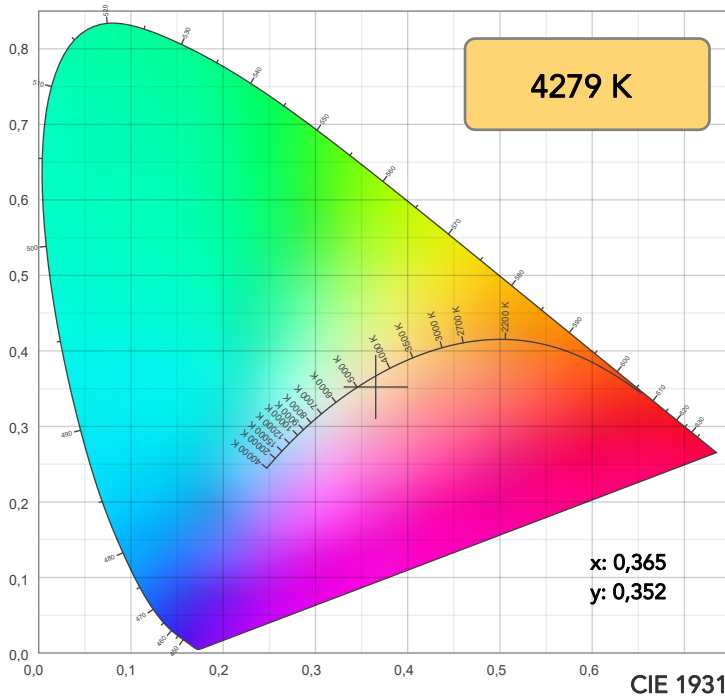
Field angle 10%: 75,7°

Cut off angle 2.5%: 104,2°

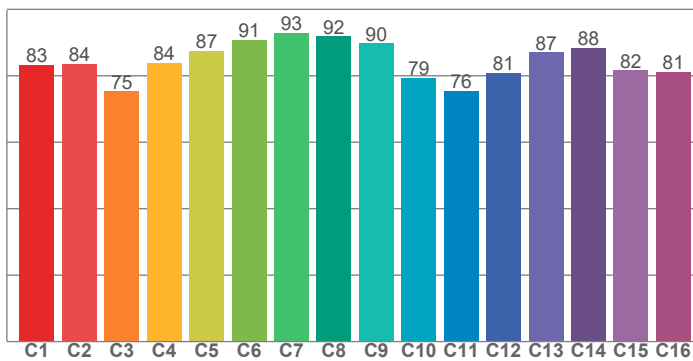
Spectra



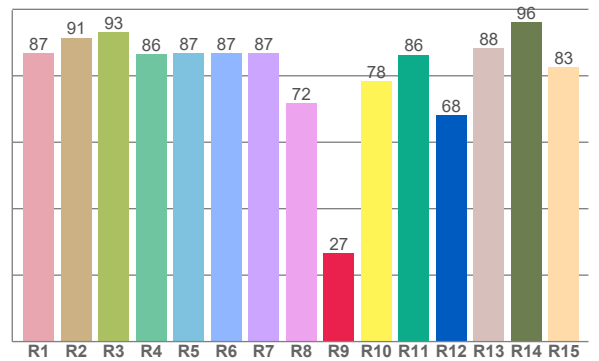
COLOR DETAILS



TM30: 84,1



CRI: 86,2 (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
86,8	91,5	93,1	86,5	86,7	86,8	86,9	71,7	26,6	78,3	86,3	68,2	88,2	96,1	82,6

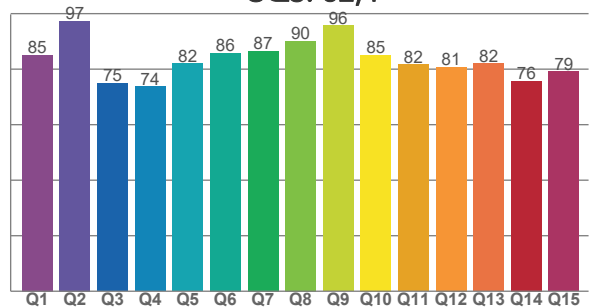
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
83,3	83,6	75,3	83,9	87,4	90,9	92,9	91,9	89,8	79,3	75,5	81,0	87,0	88,4	81,6	81,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85,0	97,3	74,9	73,8	82,0	85,8	86,6	90,1	95,7	85,0	81,6	80,7	82,0	75,8	79,1

CQS: 82,4



COLOR PARAMETERS

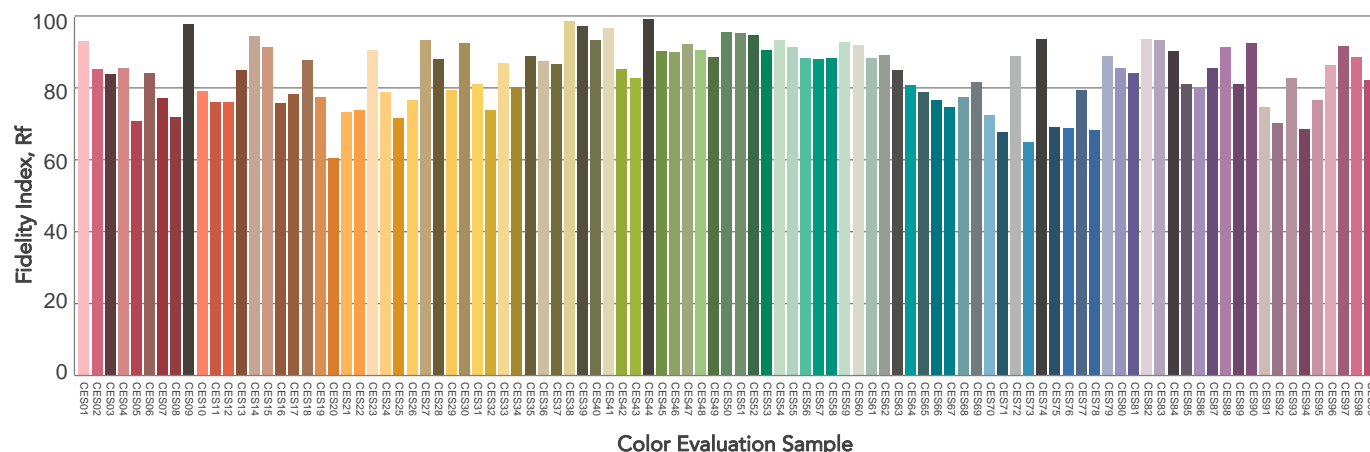
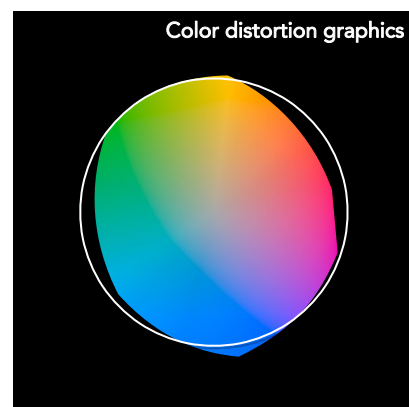
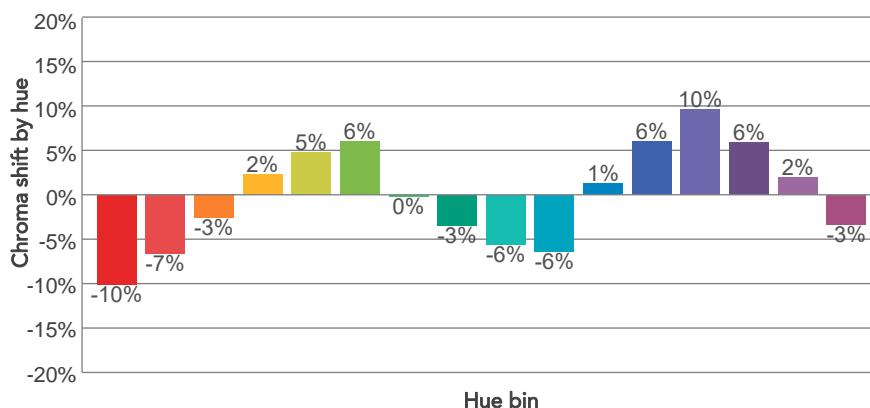
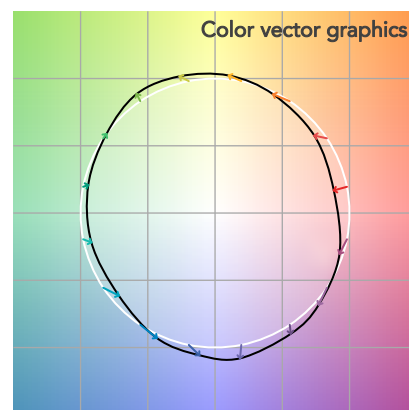
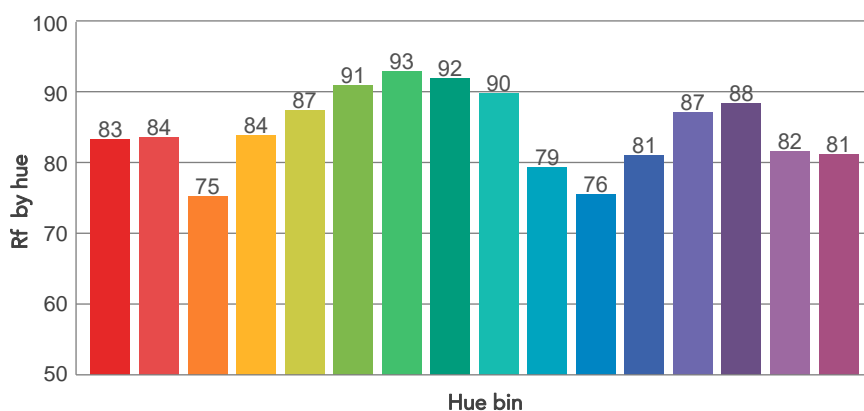
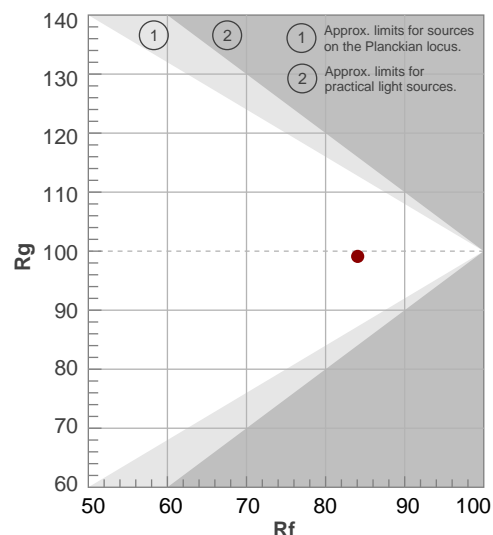
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
4279 K	86,2	26,6	84,1	99,1	82,4	71	0,365	0,352	-0,0072

TM30 DETAILS

Rf 84,1
Fidelity index Rf

Rg 99,1
Gammut index

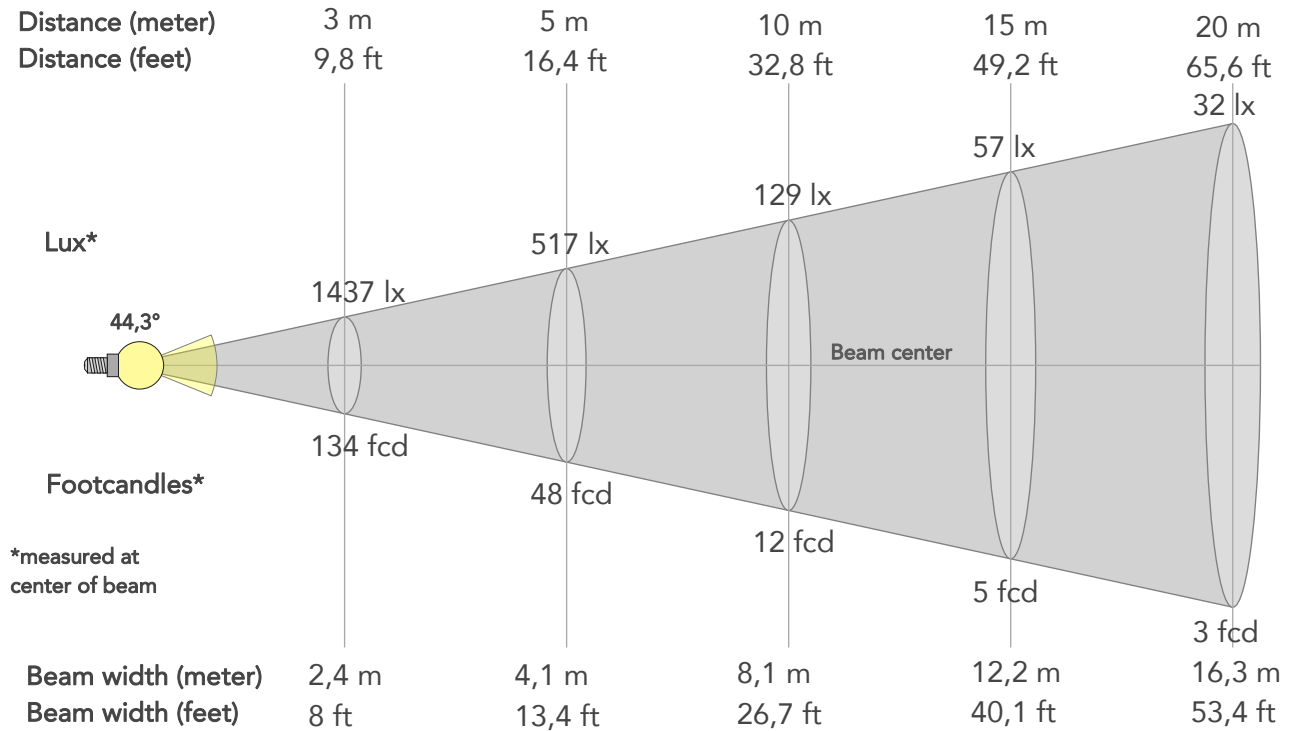
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	83	-10%	-1%
2	84	-7%	7%
3	75	-3%	13%
4	84	2%	10%
5	87	5%	6%
6	91	6%	-1%
7	93	0%	-4%
8	92	-3%	-2%
9	90	-6%	3%
10	79	-6%	11%
11	76	1%	16%
12	81	6%	9%
13	87	10%	-3%
14	88	6%	-3%
15	82	2%	-14%
16	81	-3%	-12%



BEAM DETAILS



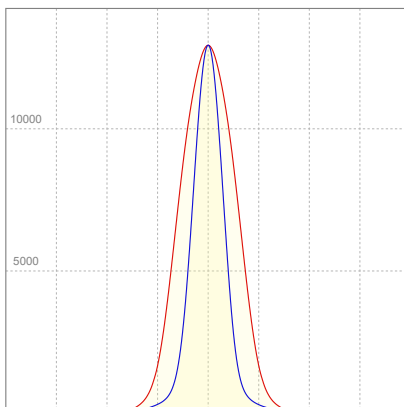
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44,3°	75,7°	104,2°	98,1%	90,6%



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	12934lx	3234lx	1437lx	808lx	517lx	230lx	129lx	57lx	32lx	21lx	14lx	8lx	5lx
Footcand.	1202fcd	300fcd	134fcd	75fcd	48fcd	21fcd	12fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,8m	1,6m	2,4m	3,3m	4,1m	6,1m	8,1m	12,2m	16,3m	20,4m	24,4m	32,6m	40,7m
Beam wid.	2,7ft	5,4ft	8ft	10,7ft	13,4ft	20ft	26,7ft	40,1ft	53,4ft	66,8ft	80,1ft	106,8ft	133,6ft

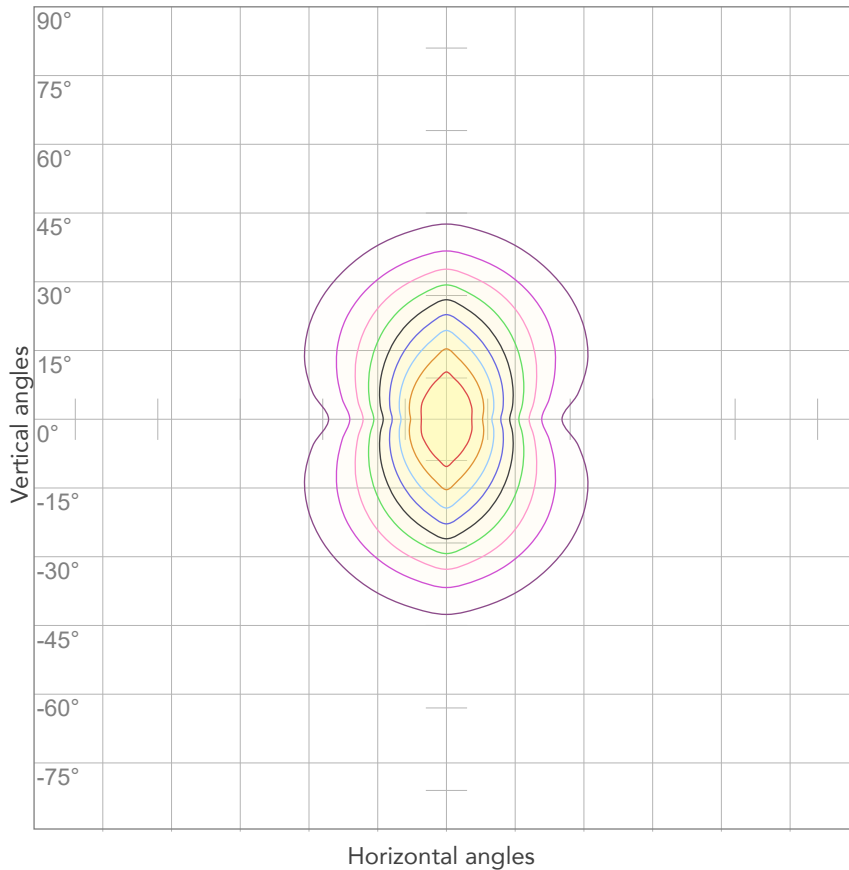
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,651A	141,2W	61lm/W
Power Fc			
0,97			

ISO CANDELA DIAGRAM



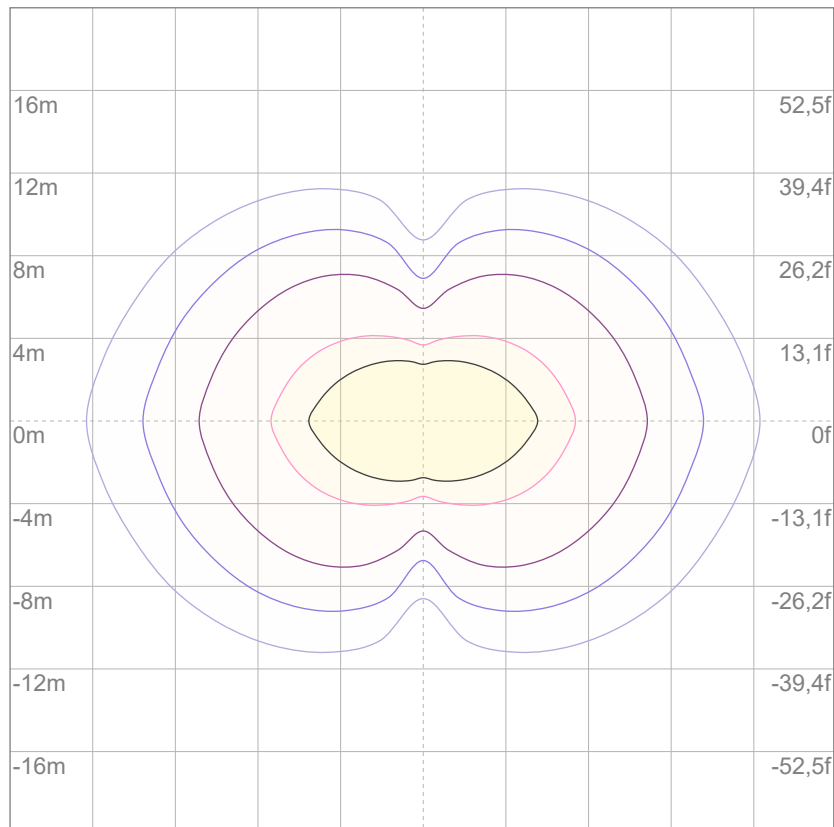
10%	1293 cd
20%	2587 cd
30%	3880 cd
40%	5174 cd
50%	6467 cd
60%	7760 cd
70%	9054 cd
80%	10347 cd

Conditions:

Number of c-planes: 4

Candela at center: 12934 cd

ISO LUX DIAGRAM



3%	3,88 lx
5%	6,47 lx
10%	12,9 lx
30%	38,8 lx
50%	64,7 lx

Conditions:

Number of c-planes: 4

Lux at center: 129 lx

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



Total lumen output:

3914 lm

Peak candela output:

86816 cd

Light quality:

CRI: 81,3

Color temperature:

2654 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

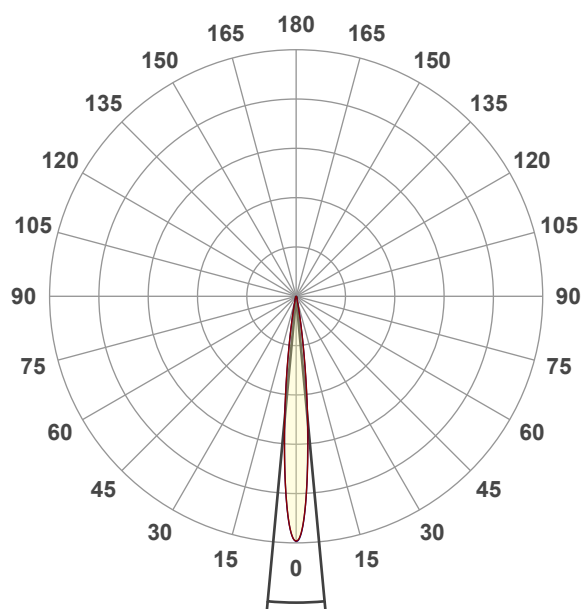
Warm White

Operator:

Nicola Savarese

Date and time:

15/07/2022 11:20:26

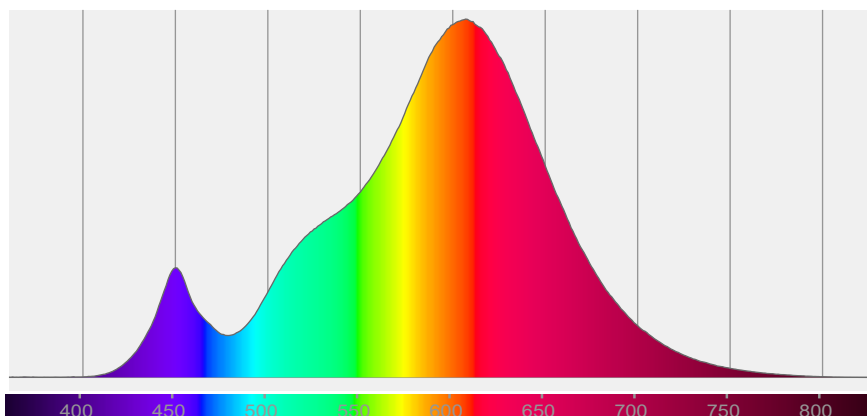


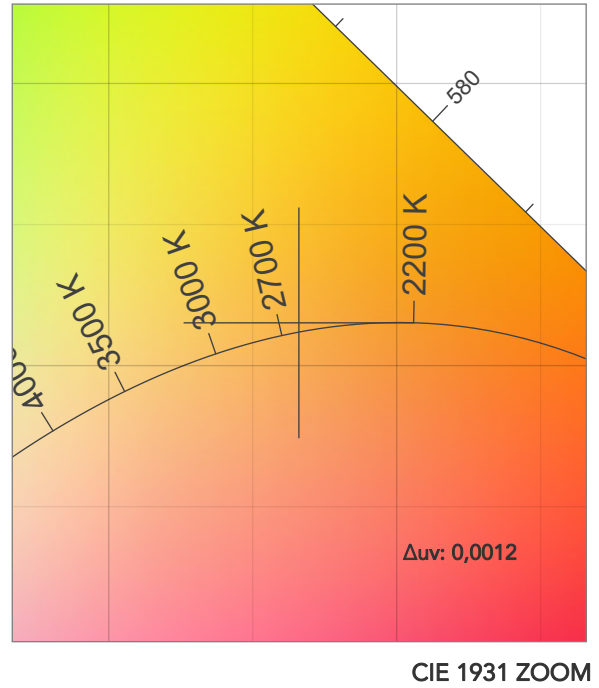
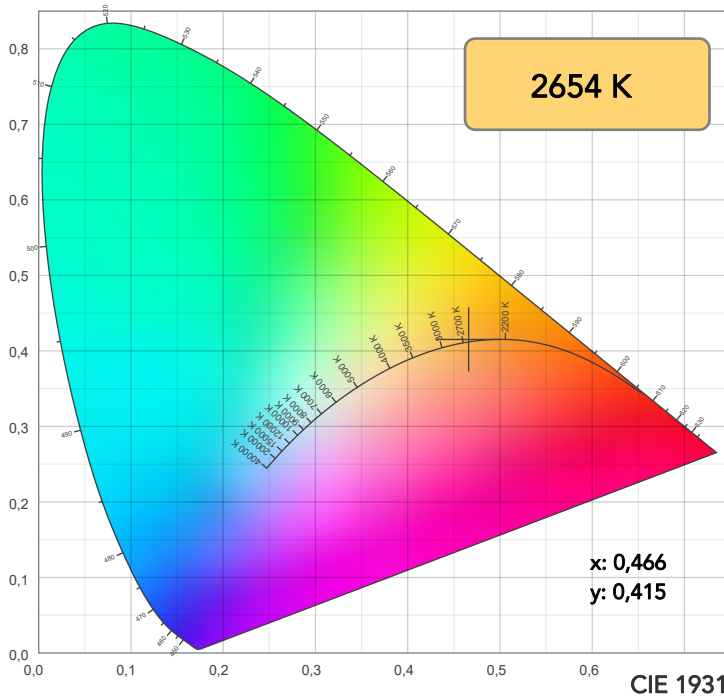
Beam angle 50%: 10,7°

Field angle 10%: 19,6°

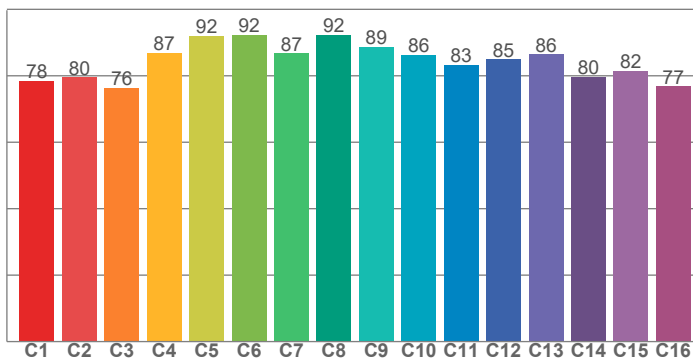
Cut off angle 2.5%: 27°

Spectra

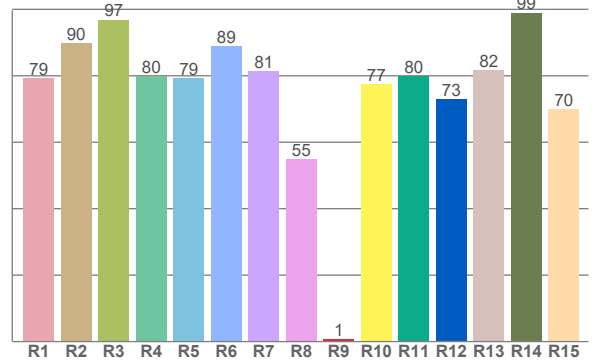




TM30: 84,2



CRI: 81,3 (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
79,3	89,8	96,9	79,9	79,3	88,8	81,3	54,8	0,6	77,5	79,9	72,9	81,6	99,0	69,9

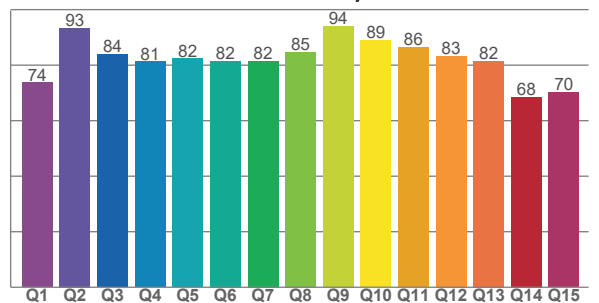
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,4	79,5	76,4	86,9	92,0	92,2	86,8	92,4	88,7	86,3	83,3	85,0	86,4	79,7	81,6	76,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,8	93,4	83,9	81,3	82,4	81,5	81,5	84,7	94,1	89,0	86,5	83,4	81,5	68,5	70,2

CQS: 80,8



COLOR PARAMETERS

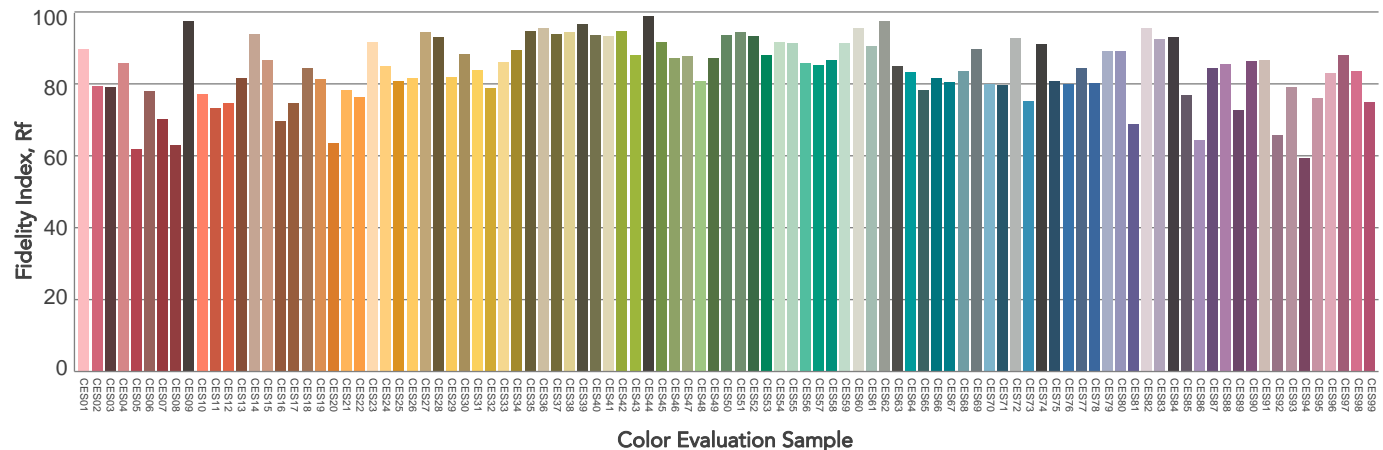
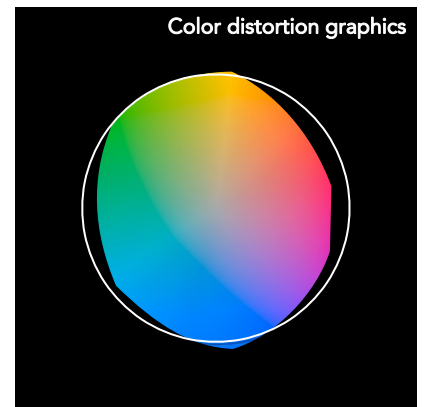
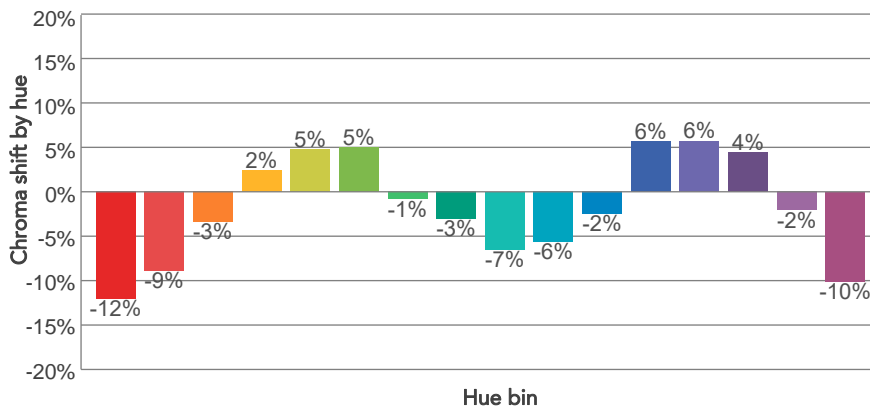
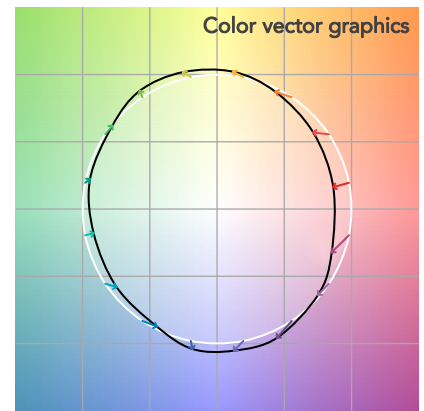
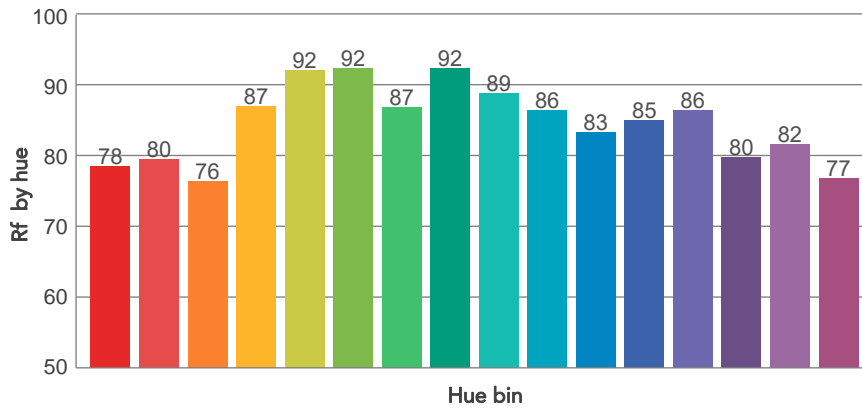
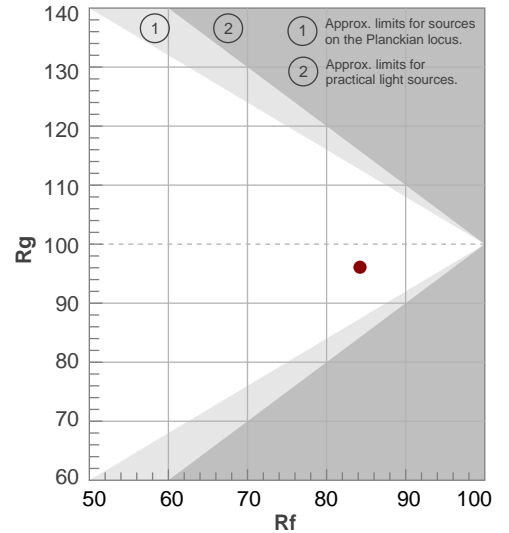
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2654 K	81,3	0,6	84,2	96,1	80,8	63	0,466	0,415	0,0012

TM30 DETAILS

Rf 84,2
Fidelity index Rf

Rg 96,1
Gammut index

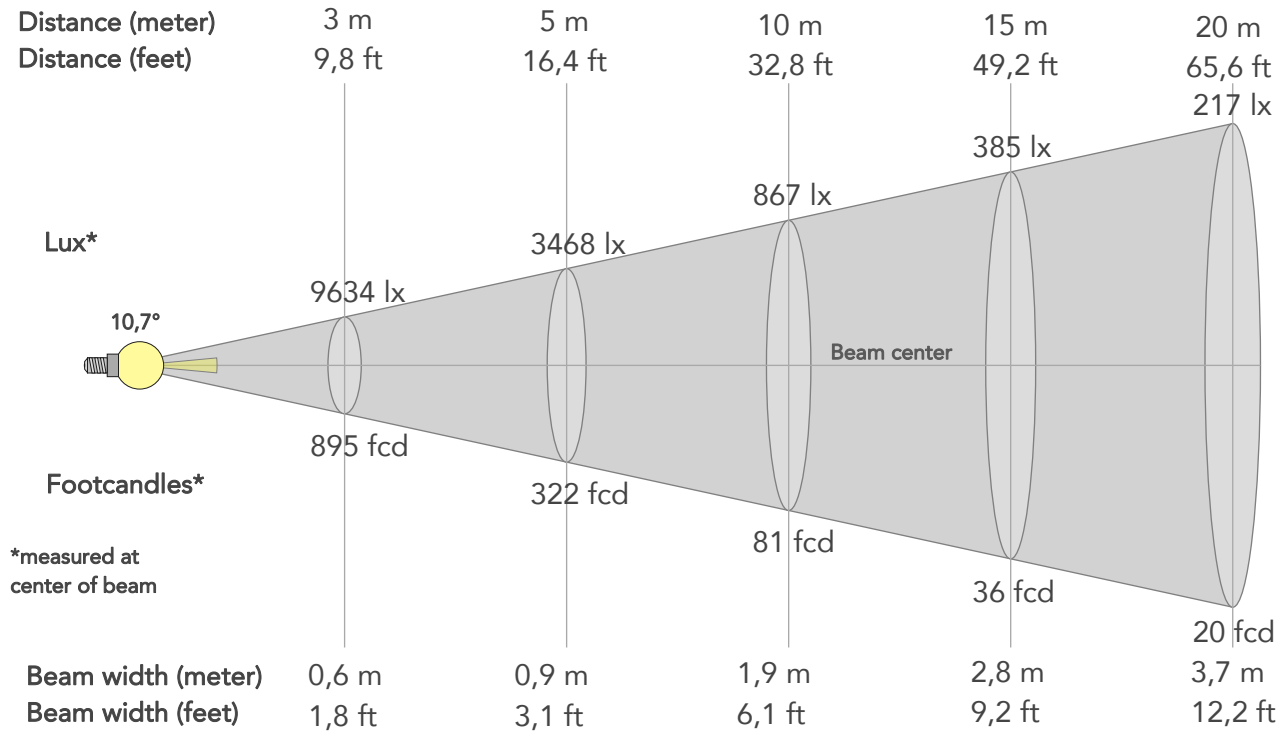
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	80	-9%	8%
3	76	-3%	12%
4	87	2%	8%
5	92	5%	5%
6	92	5%	-1%
7	87	-1%	-8%
8	92	-3%	-3%
9	89	-7%	0%
10	86	-6%	7%
11	83	-2%	11%
12	85	6%	2%
13	86	6%	-8%
14	80	4%	-16%
15	82	-2%	-11%
16	77	-10%	-15%



BEAM DETAILS



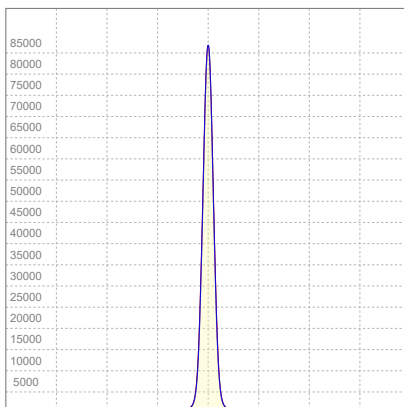
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,7°	19,6°	27°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	86704lx	21676lx	9634lx	5419lx	3468lx	1541lx	867lx	385lx	217lx	139lx	96lx	54lx	35lx
Footcand.	8055fcd	2014fcd	895fcd	503fcd	322fcd	143fcd	81fcd	36fcd	20fcd	13fcd	9fcd	5fcd	3fcd
Beam wid.	0,2m	0,4m	0,6m	0,7m	0,9m	1,4m	1,9m	2,8m	3,7m	4,7m	5,6m	7,5m	9,3m
Beam wid.	0,6ft	1,2ft	1,8ft	2,4ft	3,1ft	4,6ft	6,1ft	9,2ft	12,2ft	15,3ft	18,4ft	24,5ft	30,6ft

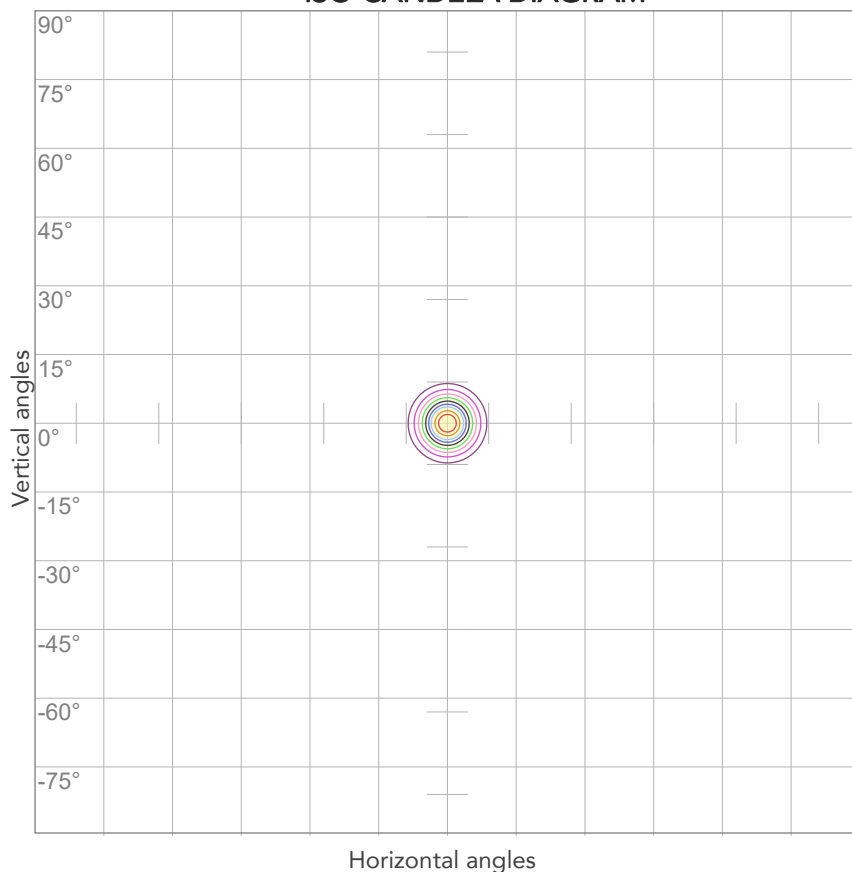
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,357A	72,1W	54lm/W

ISO CANDELA DIAGRAM



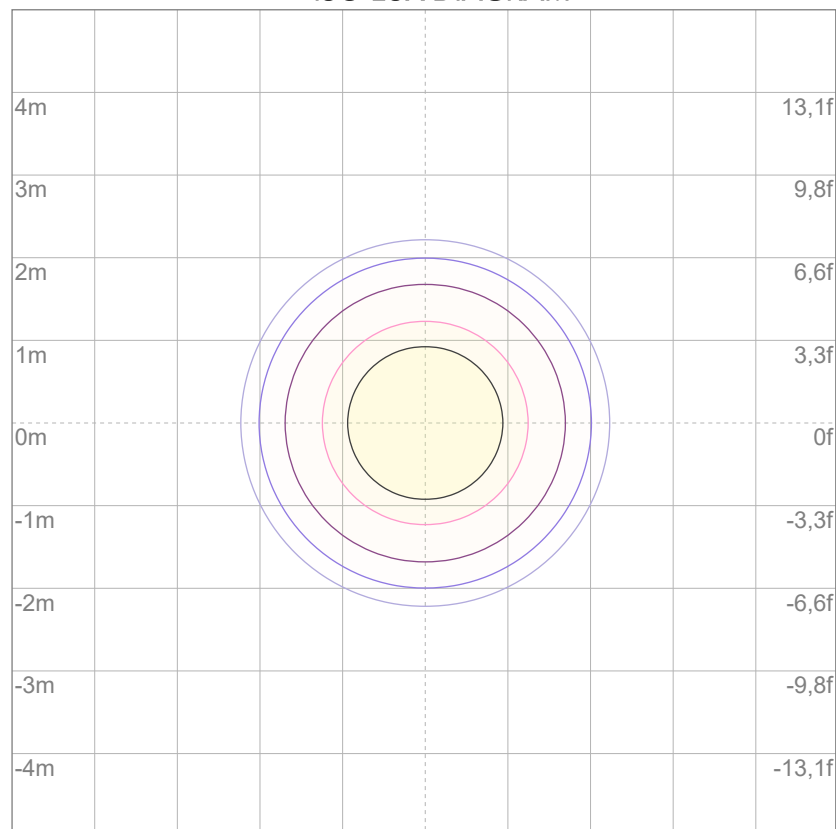
10%	8670 cd
20%	17341 cd
30%	26011 cd
40%	34681 cd
50%	43352 cd
60%	52022 cd
70%	60692 cd
80%	69363 cd

Conditions:

Number of c-planes: 4

Candela at center: 86704 cd

ISO LUX DIAGRAM



3%	26,0 lx
5%	43,4 lx
10%	86,7 lx
30%	260 lx
50%	434 lx

Conditions:

Number of c-planes: 4

Lux at center: 867 lx

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



Total lumen output:

3461 lm

Peak candela output:

15316 cd

Light quality:

CRI: 80,7

Color temperature:

2666 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 20° Filter

Target:

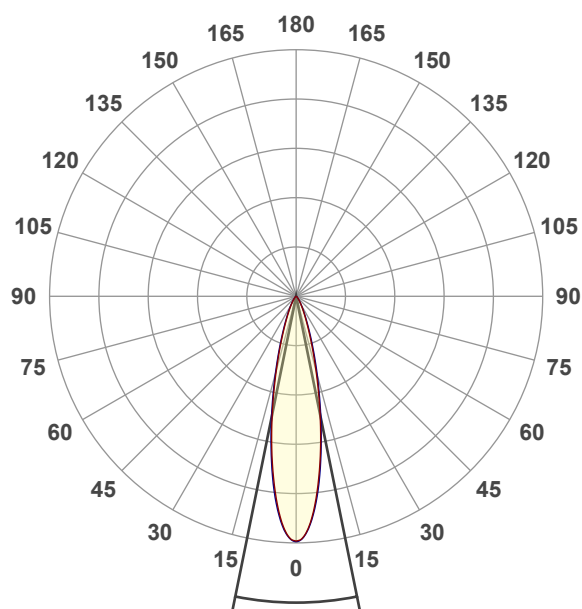
Warm White

Operator:

Nicola Savarese

Date and time:

15/07/2022 11:46:32

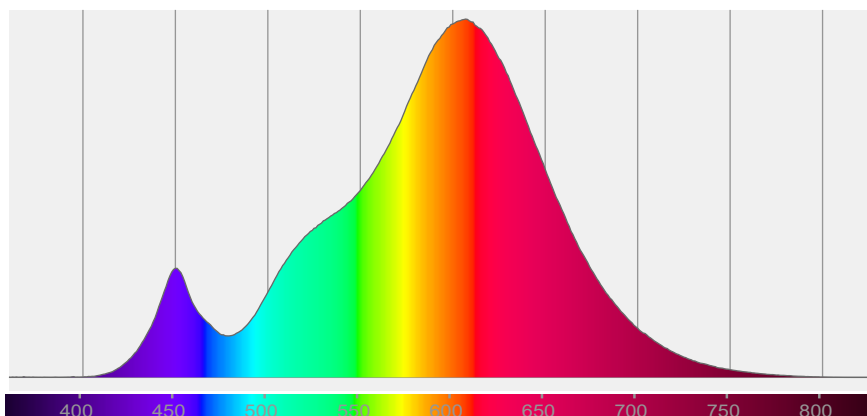


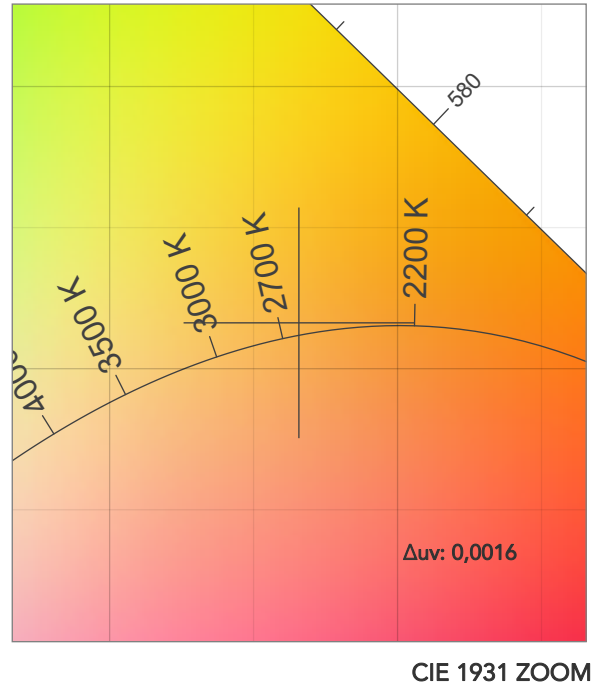
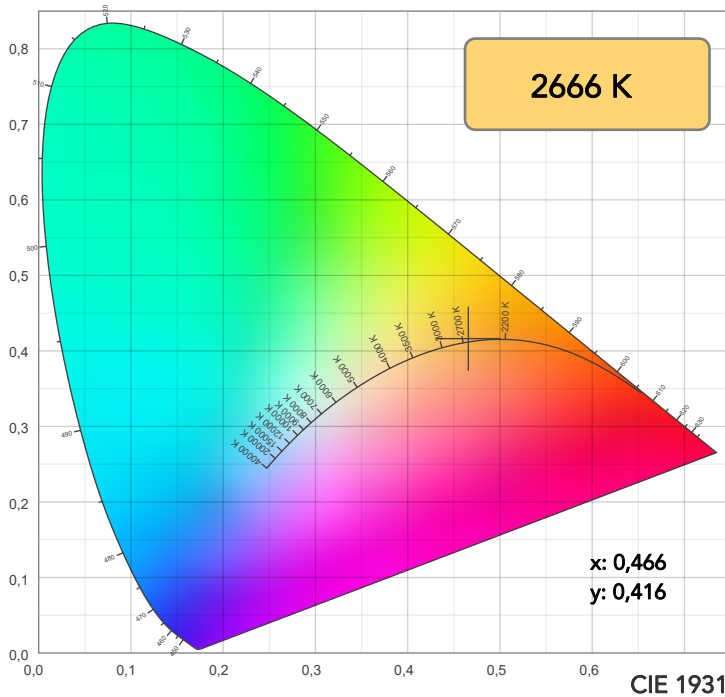
Beam angle 50%: 22,9°

Field angle 10%: 46,6°

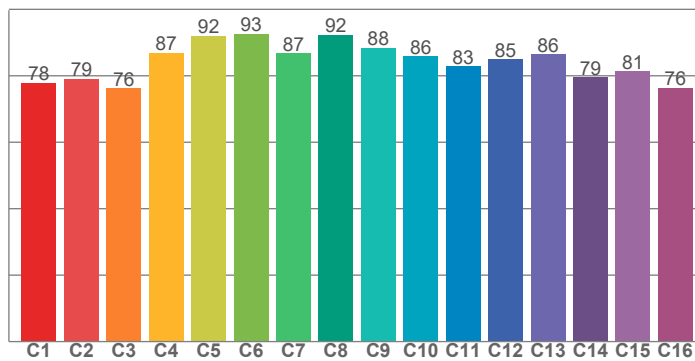
Cut off angle 2.5%: 69°

Spectra

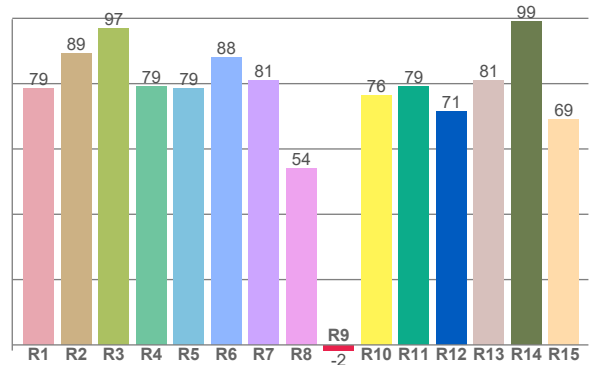




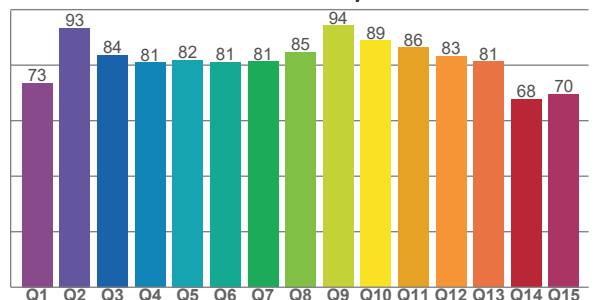
TM30: 84,0



CRI: 80,7 (R1-R8)



CQS: 80,5



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
78,6	89,3	97,0	79,3	78,5	88,1	81,1	54,0	-1,7	76,4	79,1	71,4	81,0	99,0	69,0

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
77,9	79,1	76,2	86,9	92,1	92,6	86,8	92,2	88,3	85,8	82,8	84,9	86,5	79,5	81,3	76,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,5	93,4	83,7	80,9	81,9	81,2	81,3	84,8	94,2	88,9	86,3	83,2	81,3	67,7	69,7

COLOR PARAMETERS

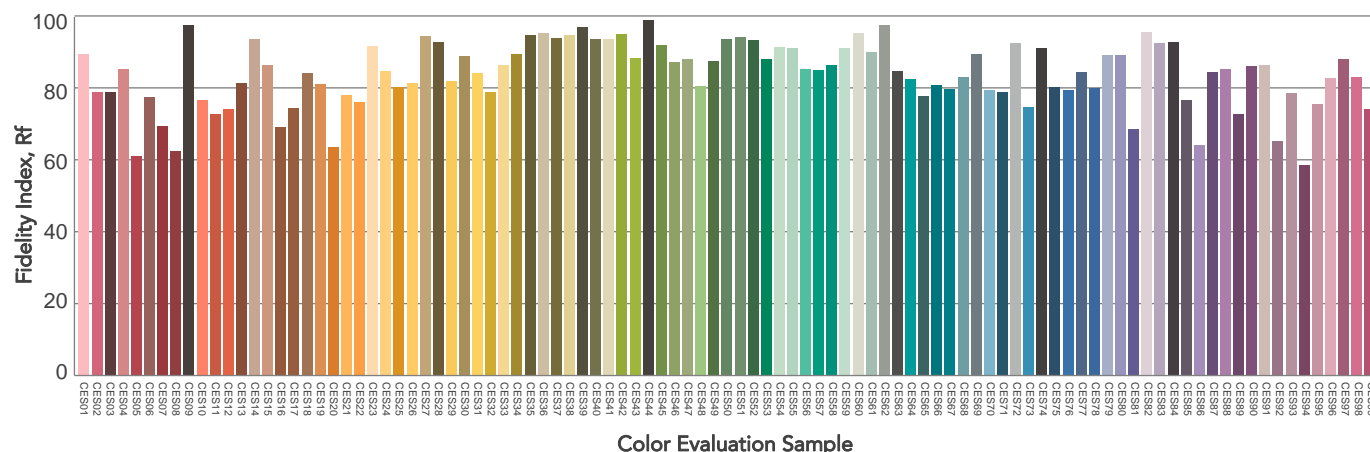
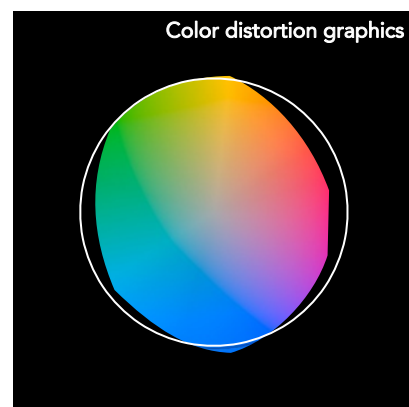
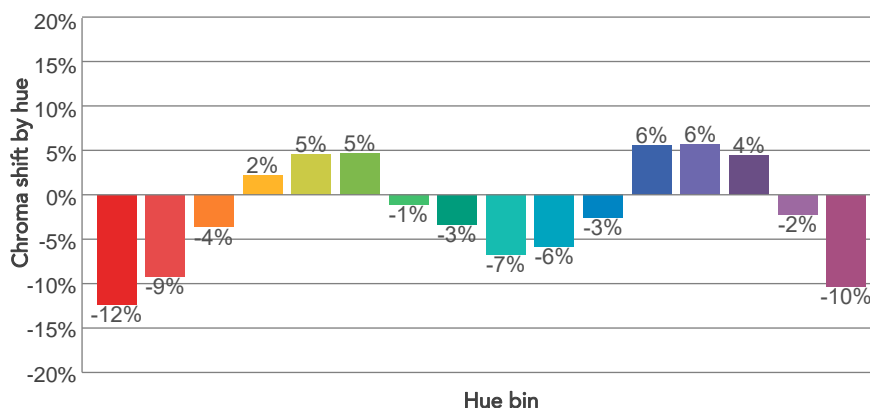
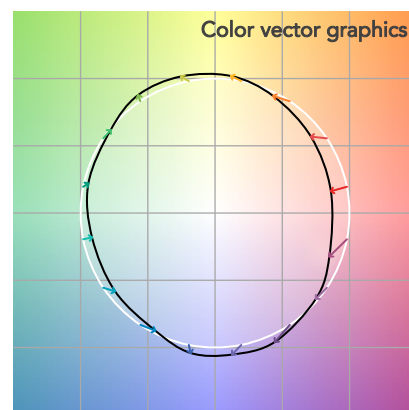
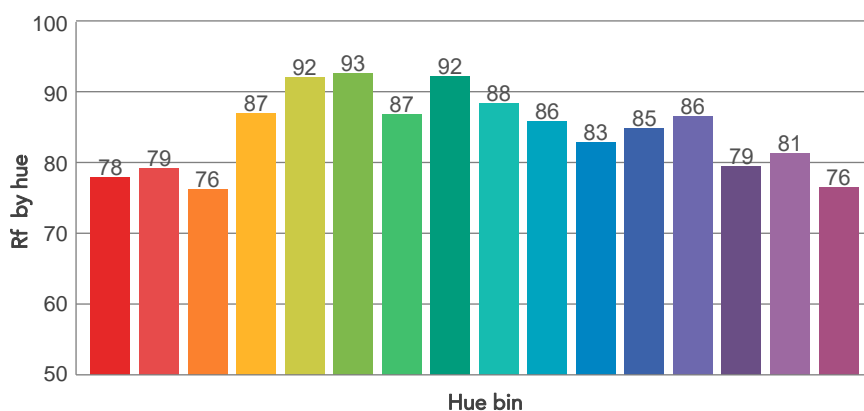
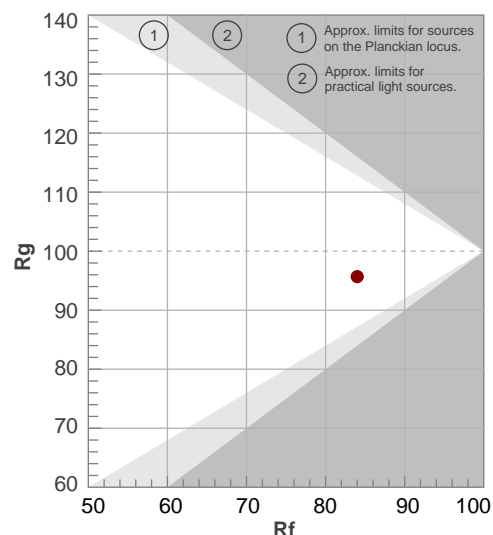
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2666 K	80,7	-1,7	84,0	95,7	80,5	62	0,466	0,416	0,0016

TM30 DETAILS

Rf 84,0
Fidelity index Rf

Rg 95,7
Gammut index

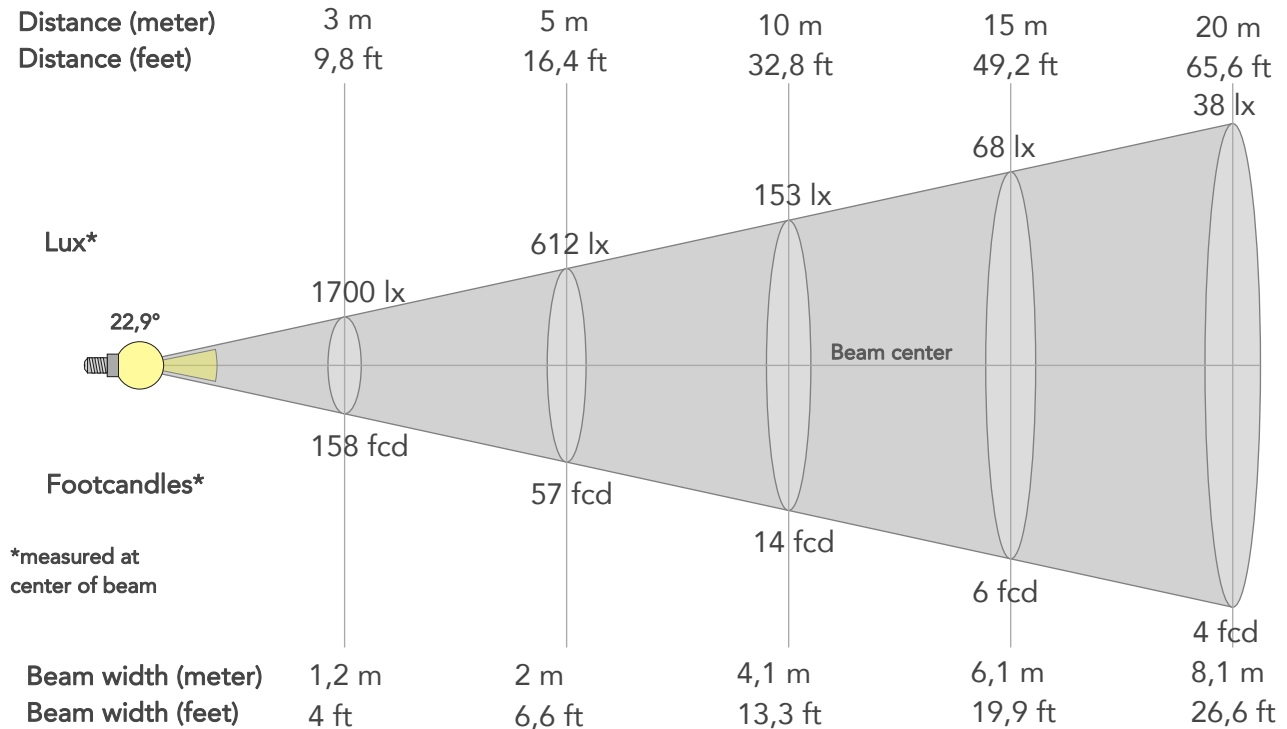
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	79	-9%	8%
3	76	-4%	12%
4	87	2%	8%
5	92	5%	5%
6	93	5%	-1%
7	87	-1%	-8%
8	92	-3%	-3%
9	88	-7%	0%
10	86	-6%	7%
11	83	-3%	12%
12	85	6%	3%
13	86	6%	-8%
14	79	4%	-16%
15	81	-2%	-11%
16	76	-10%	-15%



BEAM DETAILS



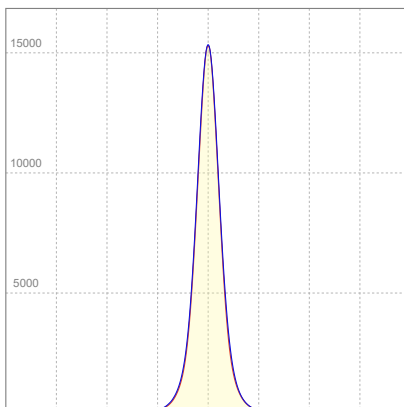
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,9°	46,6°	69°	99,8%	97,6%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	15302lx	3825lx	1700lx	956lx	612lx	272lx	153lx	68lx	38lx	24lx	17lx	10lx	6lx
Footcand.	1422fcd	355fcd	158fcd	89fcd	57fcd	25fcd	14fcd	6fcd	4fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3m	4,1m	6,1m	8,1m	10,1m	12,2m	16,2m	20,3m
Beam wid.	1,3ft	2,7ft	4ft	5,3ft	6,6ft	10ft	13,3ft	19,9ft	26,6ft	33,2ft	39,9ft	53,2ft	66,5ft

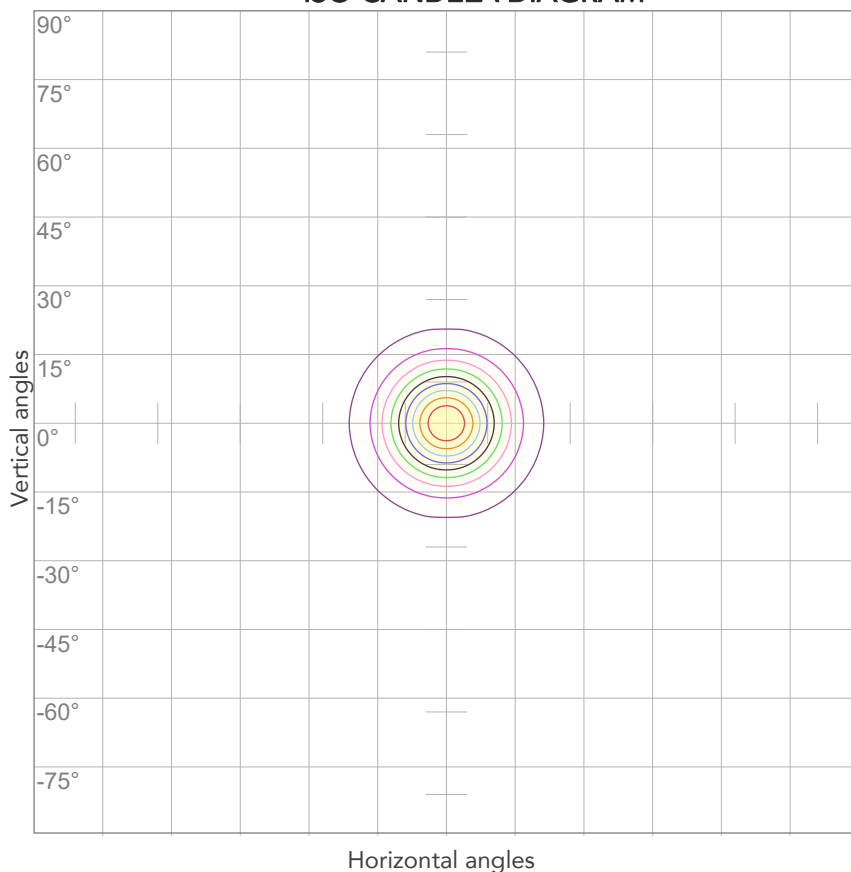
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,355A	71,9W	48lm/W

ISO CANDELA DIAGRAM



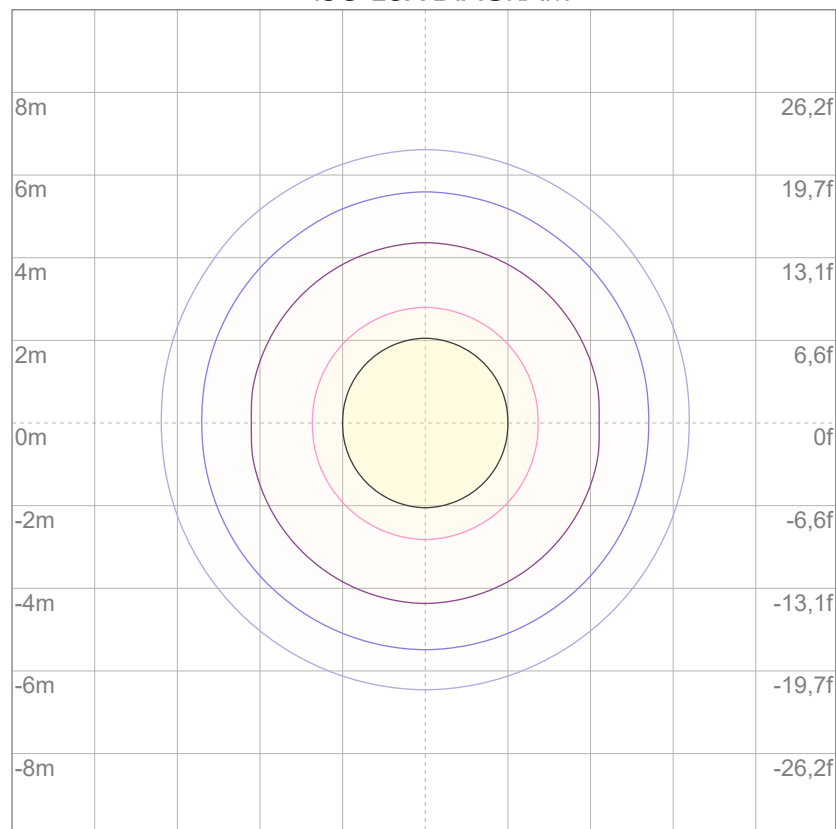
10%	1530 cd
20%	3060 cd
30%	4590 cd
40%	6121 cd
50%	7651 cd
60%	9181 cd
70%	10711 cd
80%	12241 cd

Conditions:

Number of c-planes: 4

Candela at center: 15302 cd

ISO LUX DIAGRAM



3%	4,59 lx
5%	7,65 lx
10%	15,3 lx
30%	45,9 lx
50%	76,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 153 lx

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



Total lumen output:

3528 lm

Peak candela output:

9343 cd

Light quality:

CRI: 80,8

Color temperature:

2671 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 30° Filter

Target:

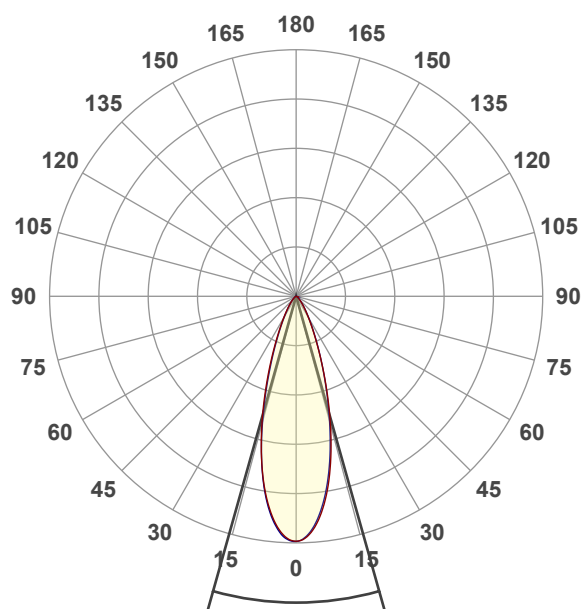
Warm White

Operator:

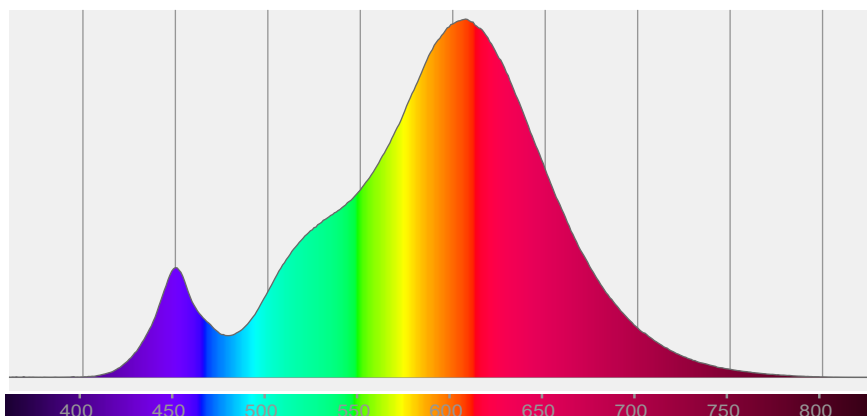
Nicola Savarese

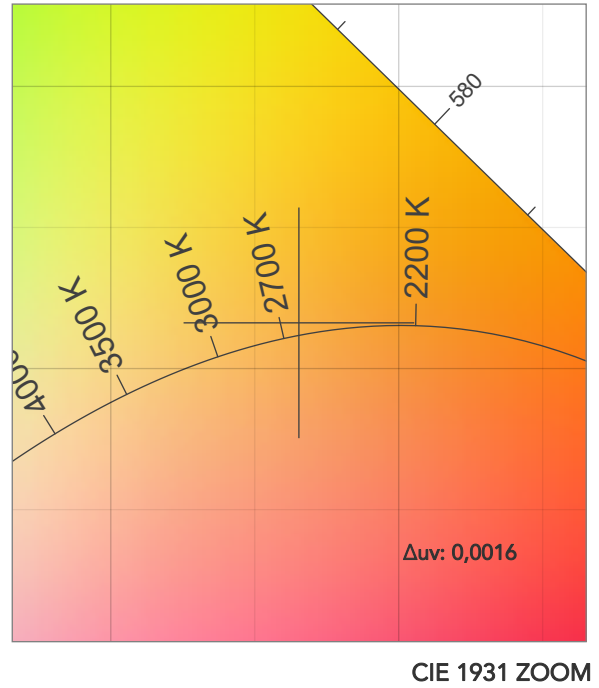
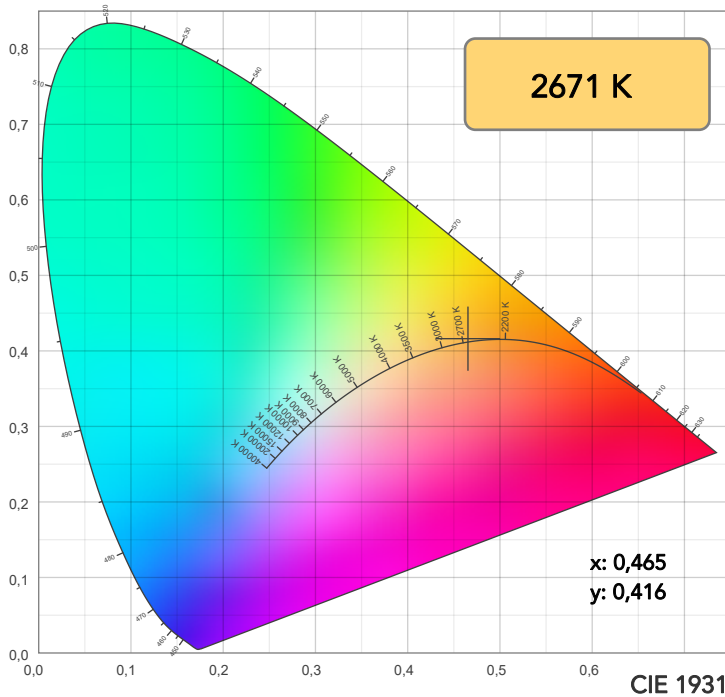
Date and time:

15/07/2022 12:01:53

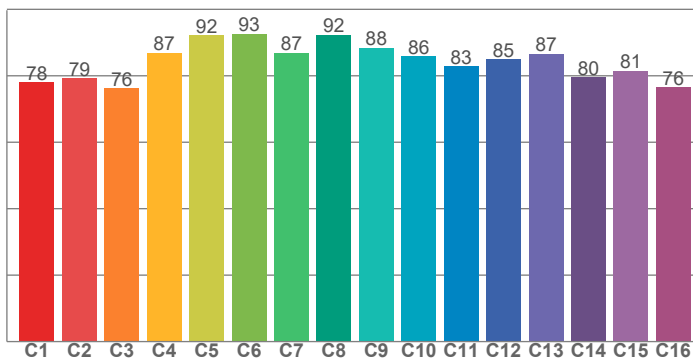


Spectra

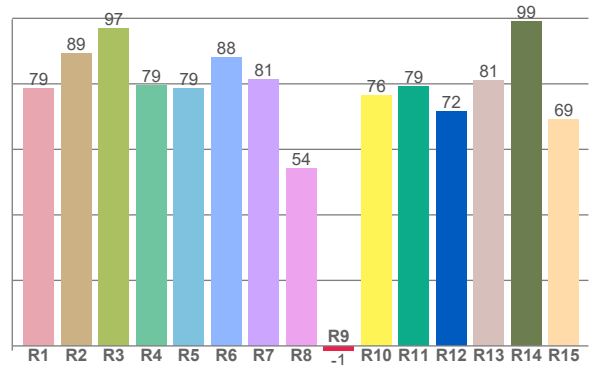




TM30: 84,1



CRI: 80,8 (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
78,7	89,3	97,0	79,4	78,6	88,1	81,2	54,2	-1,4	76,5	79,2	71,5	81,0	99,0	69,1

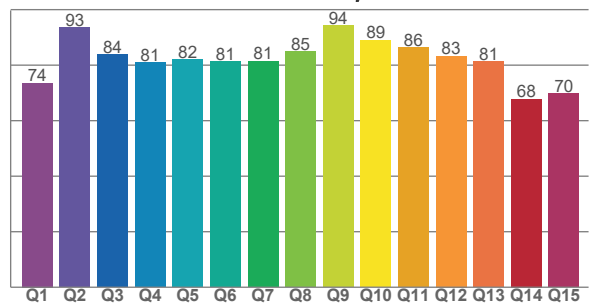
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,0	79,2	76,3	87,0	92,1	92,6	86,9	92,3	88,4	85,9	82,9	84,9	86,5	79,5	81,4	76,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,6	93,5	83,8	81,0	82,0	81,3	81,4	84,9	94,3	89,0	86,4	83,3	81,4	67,8	69,8

CQS: 80,6



COLOR PARAMETERS

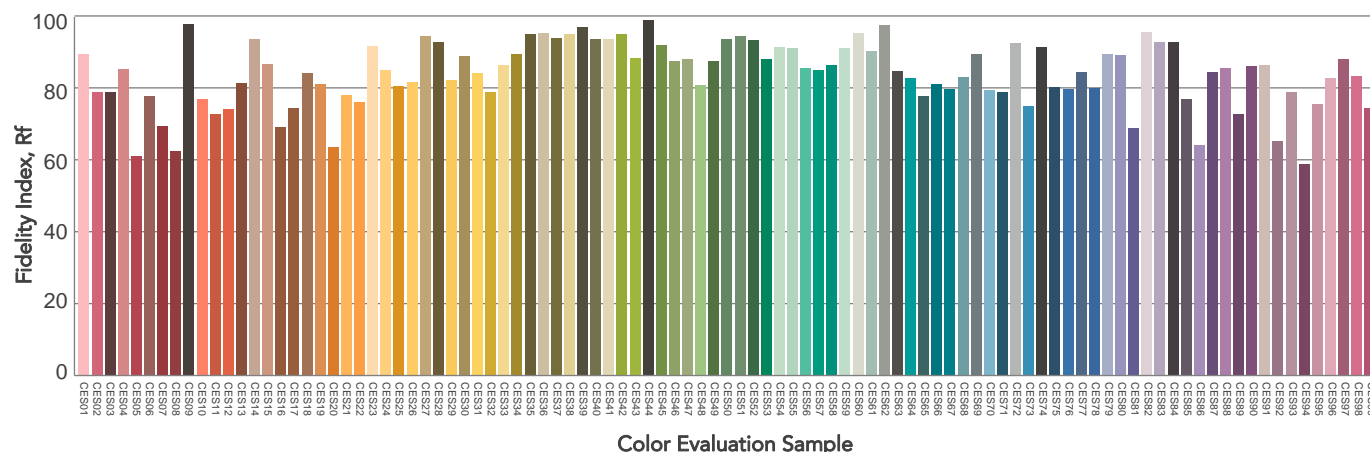
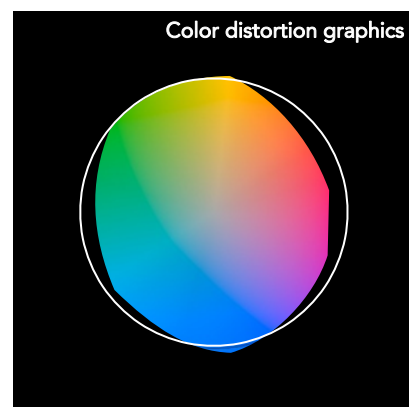
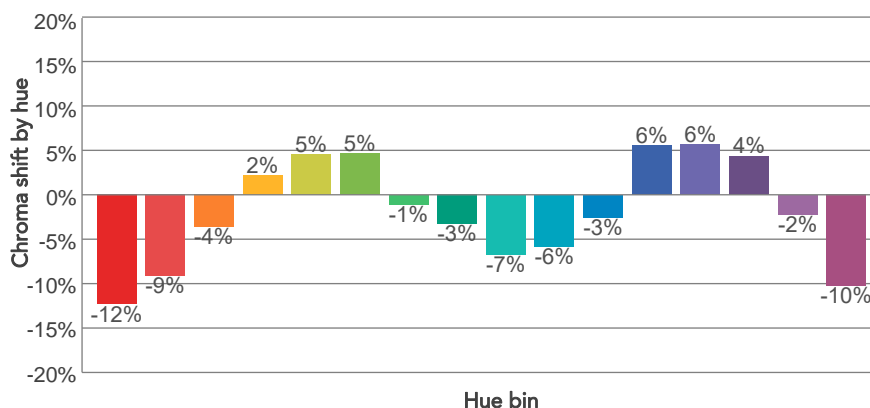
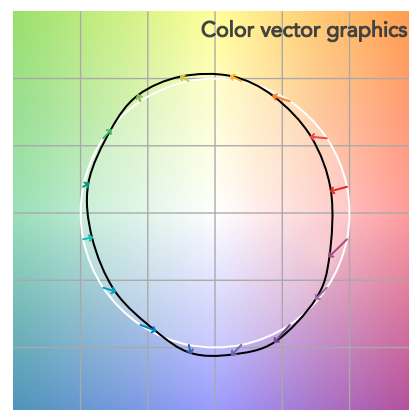
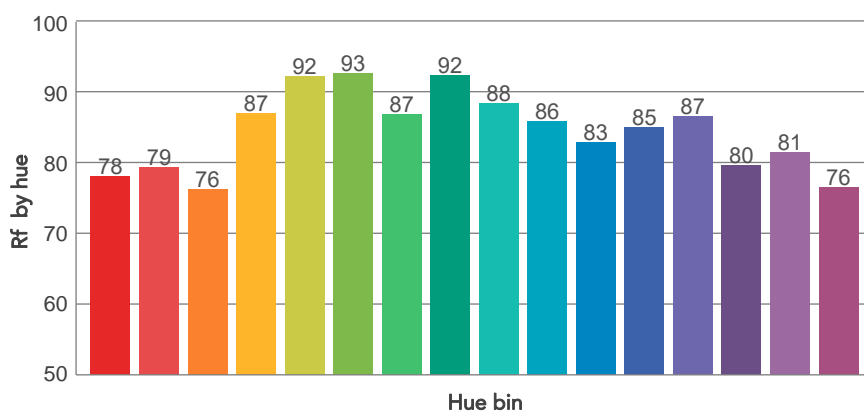
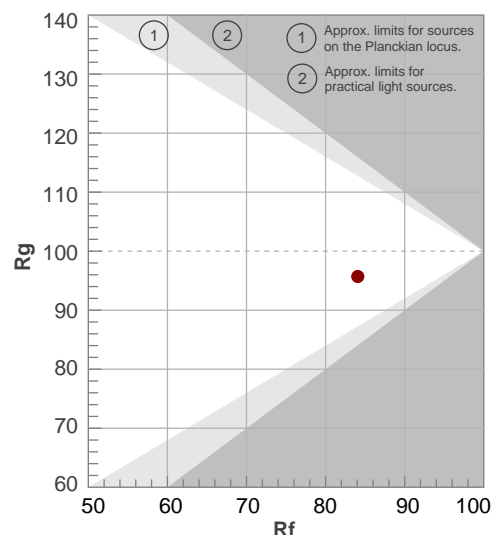
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2671 K	80,8	-1,4	84,1	95,7	80,6	63	0,465	0,416	0,0016

TM30 DETAILS

Rf 84,1
Fidelity index Rf

Rg 95,7
Gammut index

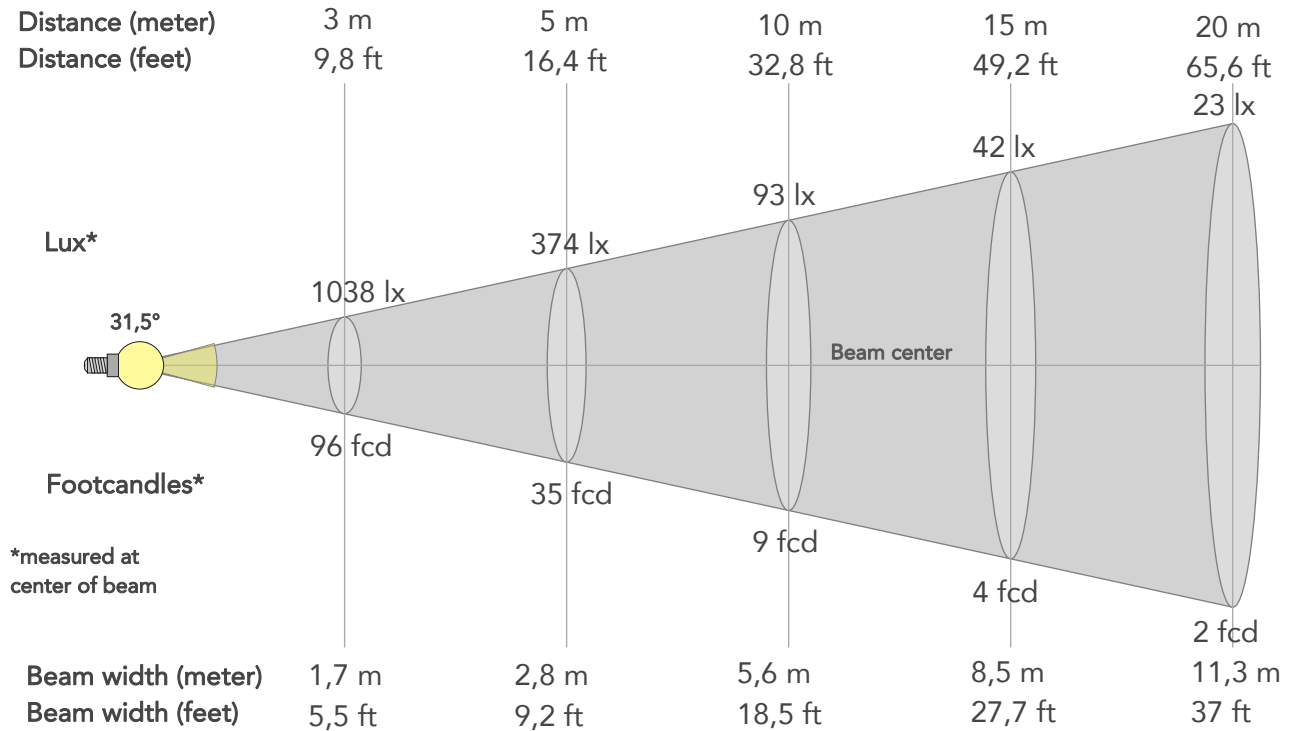
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	79	-9%	8%
3	76	-4%	12%
4	87	2%	8%
5	92	5%	5%
6	93	5%	-1%
7	87	-1%	-8%
8	92	-3%	-3%
9	88	-7%	0%
10	86	-6%	7%
11	83	-3%	12%
12	85	6%	3%
13	87	6%	-8%
14	80	4%	-16%
15	81	-2%	-11%
16	76	-10%	-15%



BEAM DETAILS



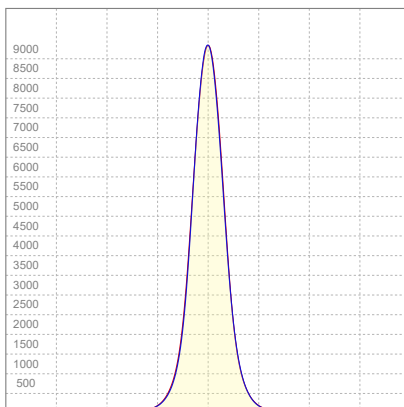
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
31,5°	60,1°	85,7°	99,2%	95,5%



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	9340lx	2335lx	1038lx	584lx	374lx	166lx	93lx	42lx	23lx	15lx	10lx	6lx	4lx
Footcand.	868fcd	217fcd	96fcd	54fcd	35fcd	15fcd	9fcd	4fcd	2fcd	1fcd	1fcd	1fcd	0fcd
Beam wid.	0,6m	1,1m	1,7m	2,3m	2,8m	4,2m	5,6m	8,5m	11,3m	14,1m	16,9m	22,5m	28,2m
Beam wid.	1,9ft	3,7ft	5,5ft	7,4ft	9,2ft	13,9ft	18,5ft	27,7ft	37ft	46,2ft	55,4ft	73,9ft	92,4ft

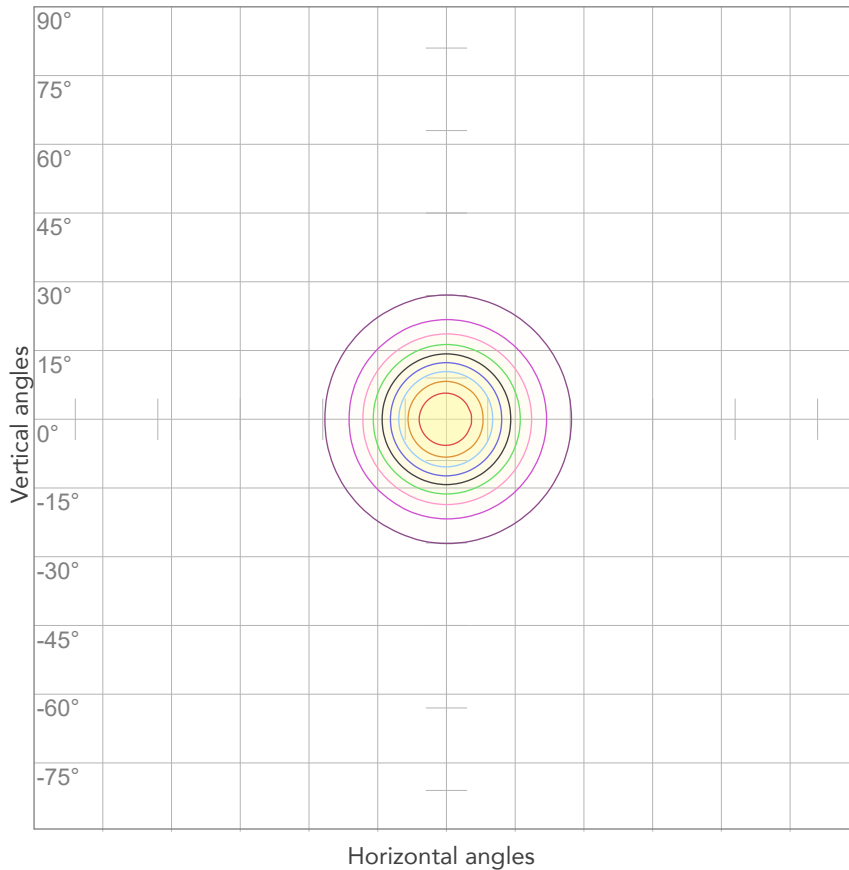
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,358A	72,2W	49lm/W

ISO CANDELA DIAGRAM



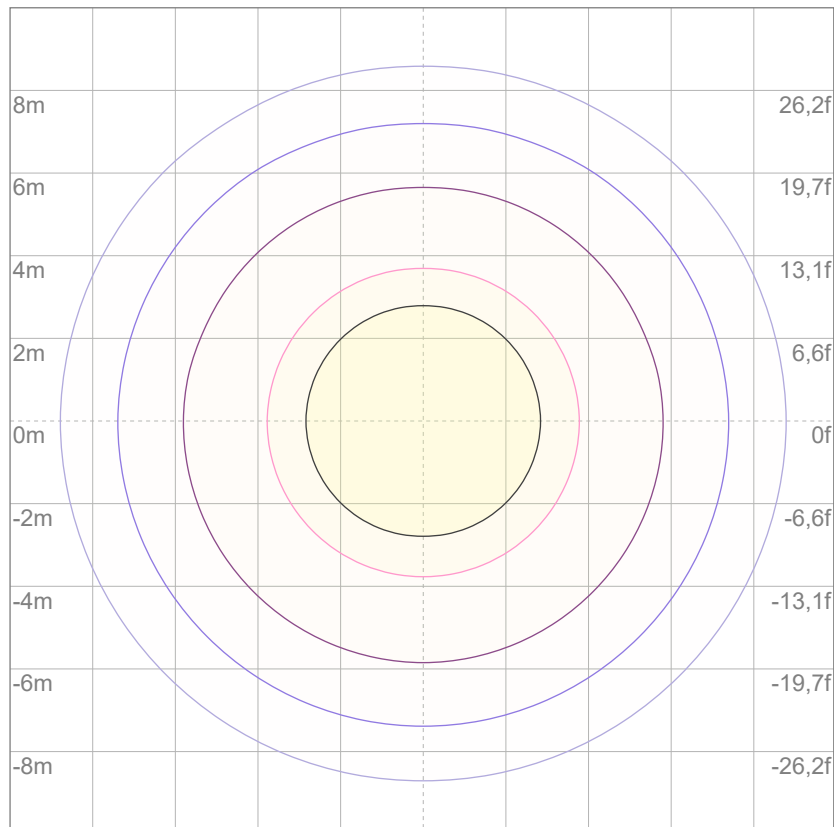
10%	934 cd
20%	1868 cd
30%	2802 cd
40%	3736 cd
50%	4670 cd
60%	5604 cd
70%	6538 cd
80%	7472 cd

Conditions:

Number of c-planes: 4

Candela at center: 9340 cd

ISO LUX DIAGRAM



3%	2,80 lx
5%	4,67 lx
10%	9,34 lx
30%	28,0 lx
50%	46,7 lx

Conditions:

Number of c-planes: 4

Lux at center: 93,4 lx

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



Total lumen output:

3554 lm

Peak candela output:

4614 cd

Light quality:

CRI: 80,9

Color temperature:

2673 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 40° Filter

Target:

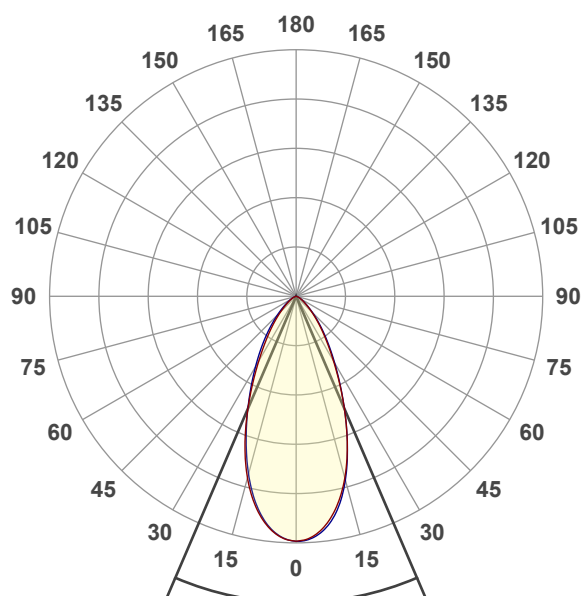
Warm White

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:22:25

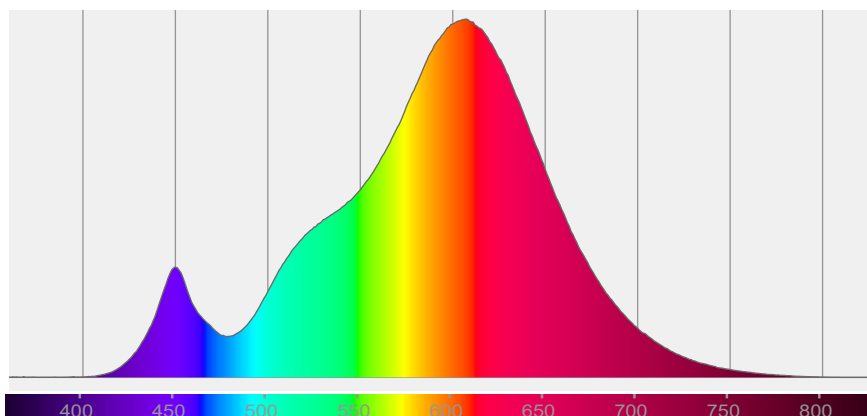


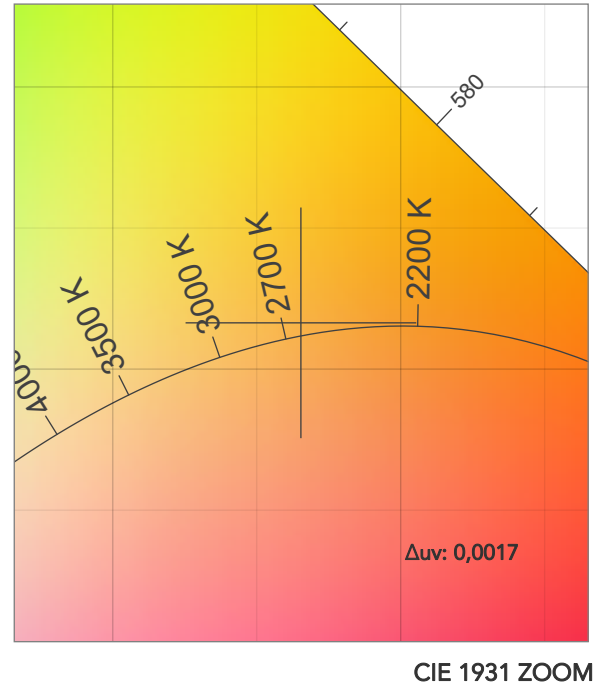
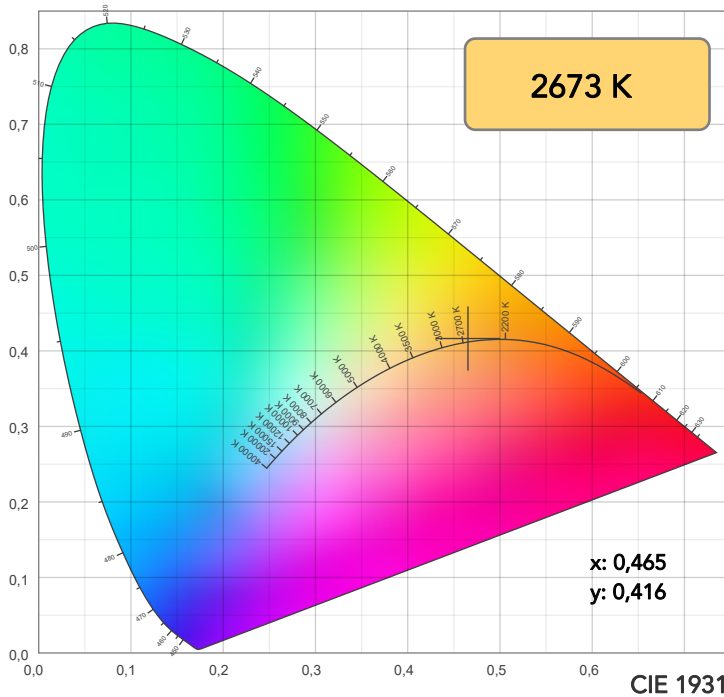
Beam angle 50%: 46,5°

Field angle 10%: 88,9°

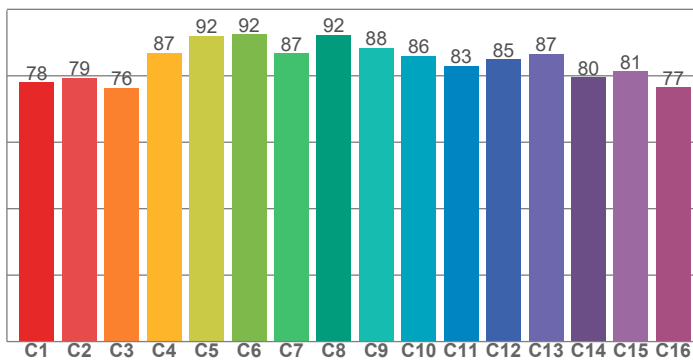
Cut off angle 2.5%: 118,7°

Spectra

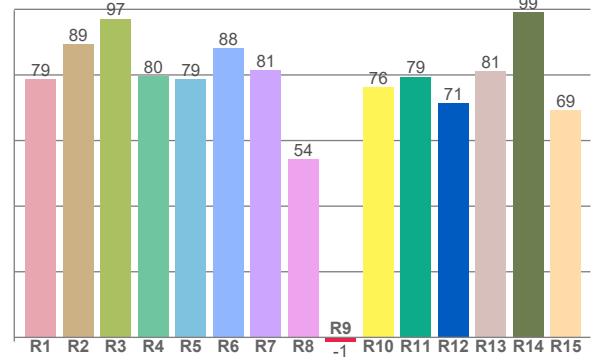




TM30: 84,1



CRI: 80,9 (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
78,8	89,3	97,1	79,6	78,7	88,1	81,3	54,3	-1,3	76,3	79,5	71,4	81,1	99,0	69,2

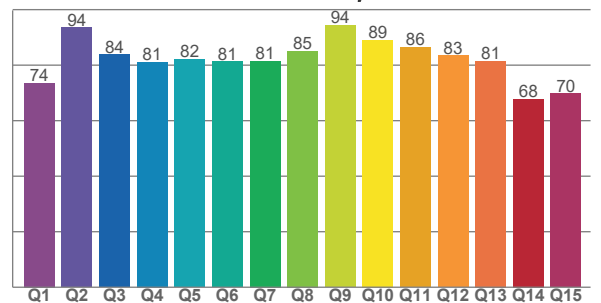
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,1	79,3	76,3	86,9	92,0	92,5	86,8	92,3	88,4	86,0	82,9	84,9	86,5	79,6	81,4	76,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,6	93,5	83,8	81,1	82,1	81,3	81,5	85,0	94,3	89,0	86,4	83,4	81,4	67,8	69,8

CQS: 80,6



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
2673 K	80,9	-1,3	84,1	95,8	80,6	63	0,465	0,416	0,0017

TM30 DETAILS

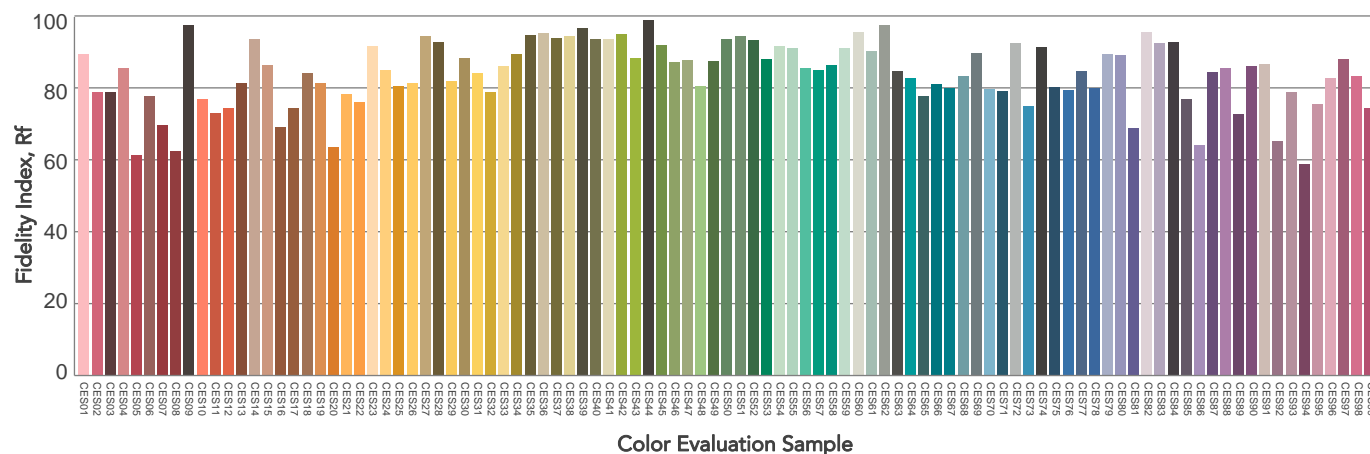
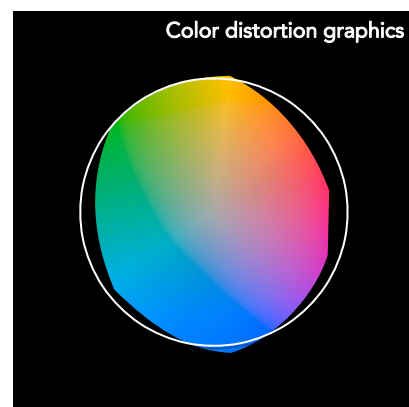
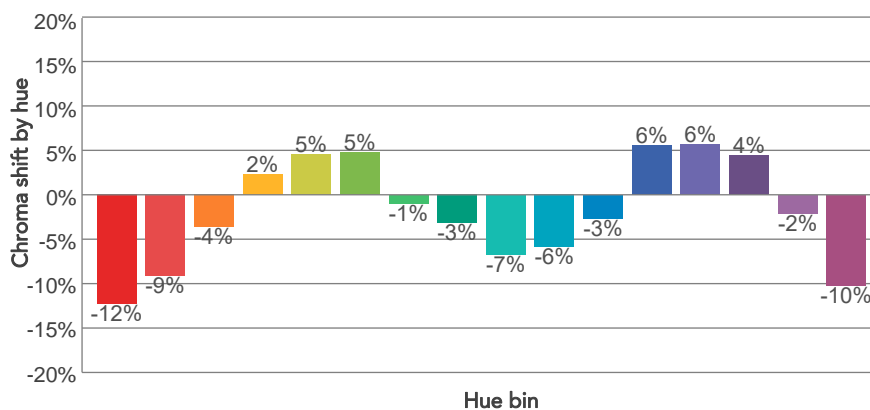
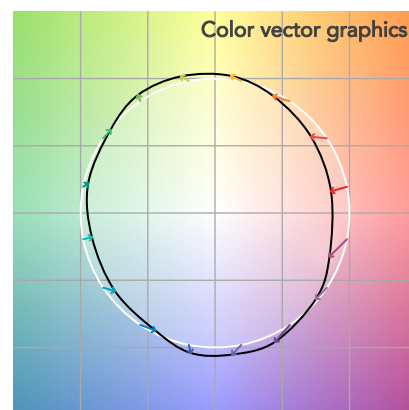
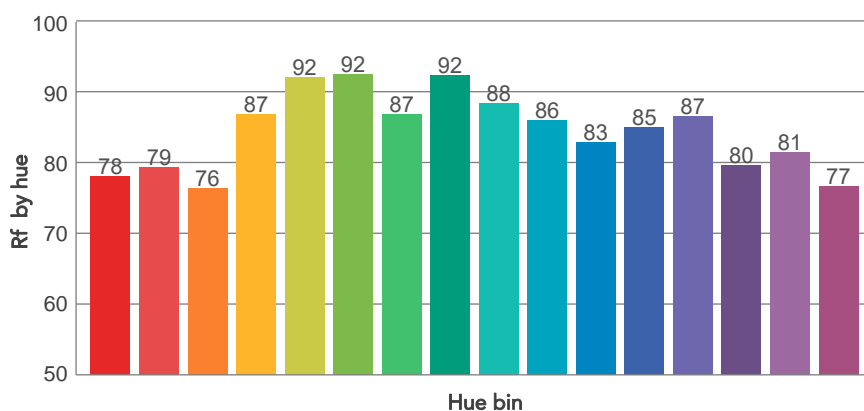
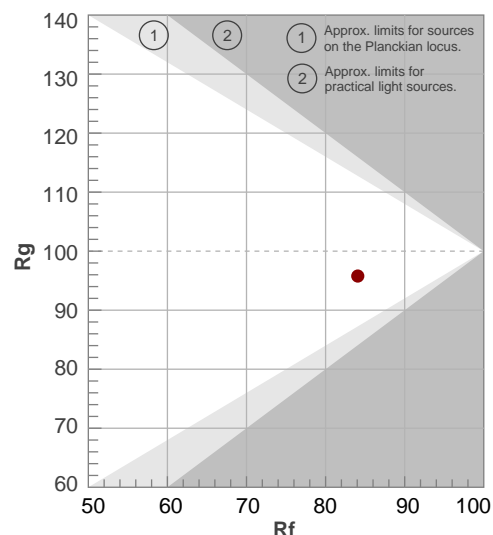
Rf 84,1

Fidelity index Rf

Rg 95,8

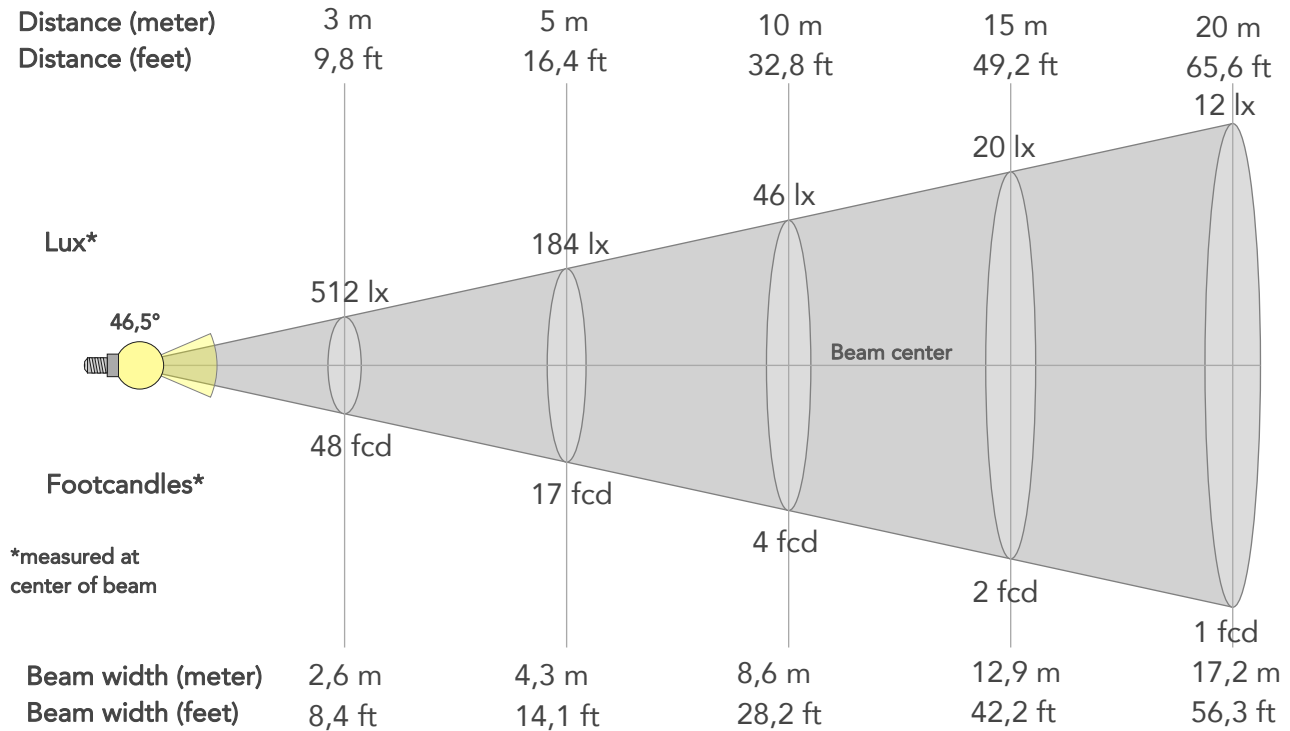
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	79	-9%	8%
3	76	-4%	12%
4	87	2%	8%
5	92	5%	5%
6	92	5%	-1%
7	87	-1%	-8%
8	92	-3%	-3%
9	88	-7%	0%
10	86	-6%	7%
11	83	-3%	12%
12	85	6%	3%
13	87	6%	-8%
14	80	4%	-16%
15	81	-2%	-11%
16	77	-10%	-15%



BEAM DETAILS

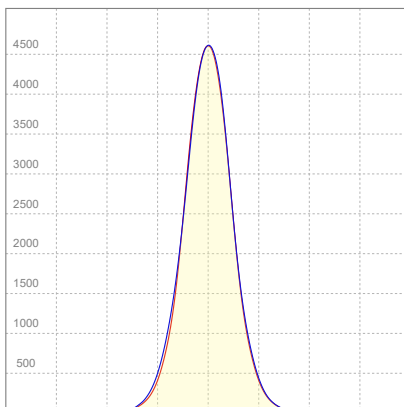
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,5°	88,9°	118,7°	97,7%	89,2%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	4608lx	1152lx	512lx	288lx	184lx	82lx	46lx	20lx	12lx	7lx	5lx	3lx	2lx
Footcand.	428fcd	107fcd	48fcd	27fcd	17fcd	8fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,4m	8,6m	12,9m	17,2m	21,5m	25,8m	34,3m	42,9m
Beam wid.	2,8ft	5,7ft	8,4ft	11,2ft	14,1ft	21,1ft	28,2ft	42,2ft	56,3ft	70,4ft	84,5ft	112,6ft	140,8ft

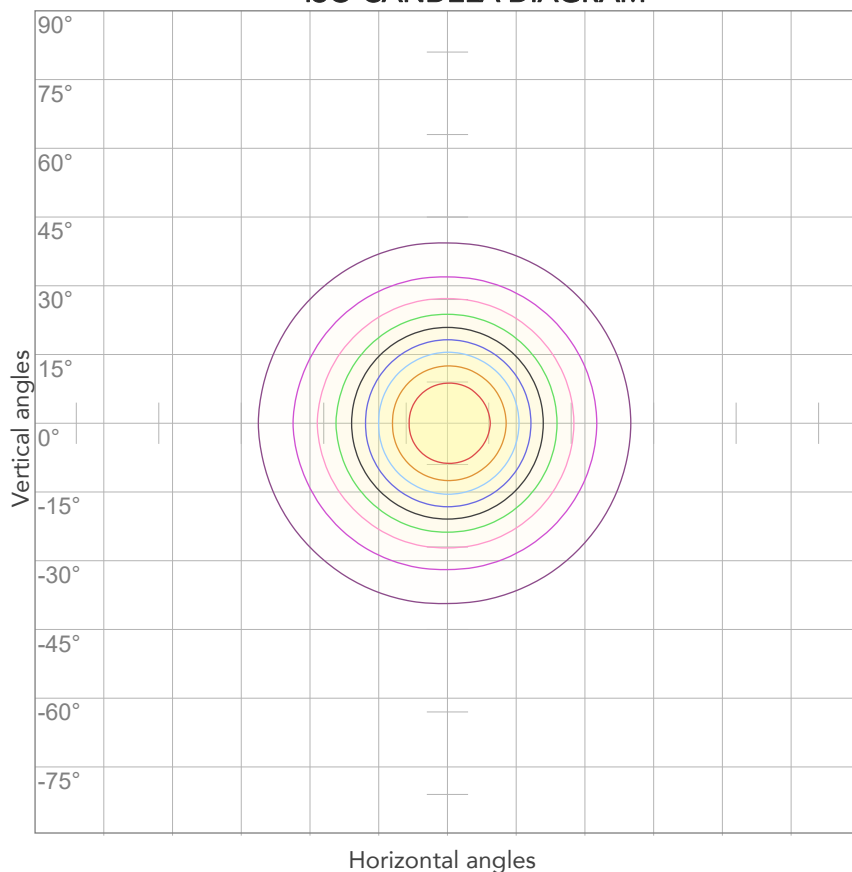
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,359A	72,5W	49lm/W

ISO CANDELA DIAGRAM



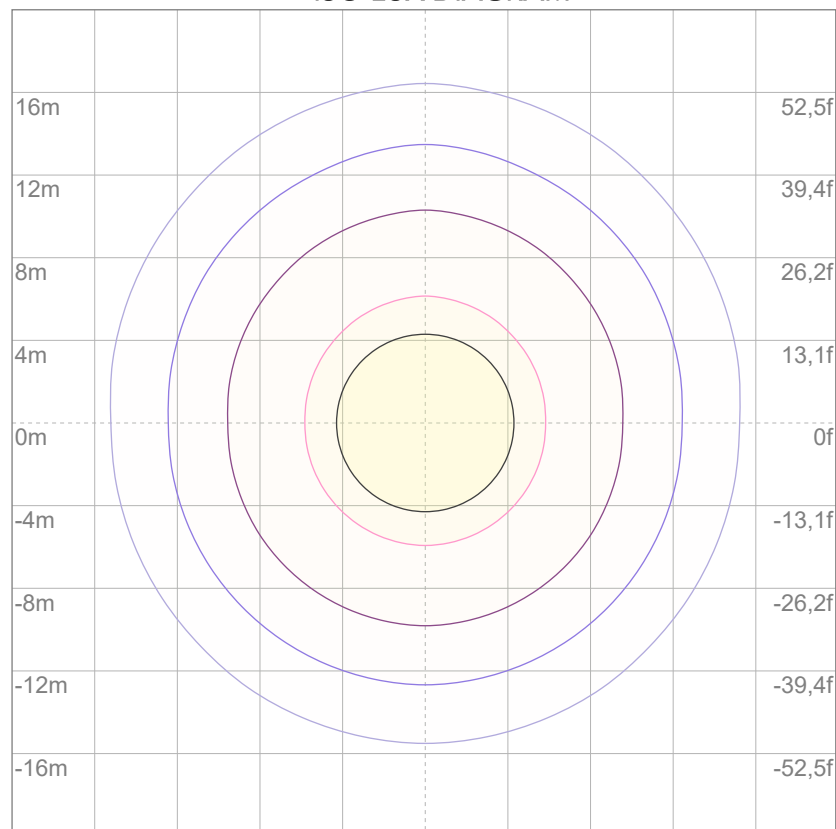
10%	461 cd
20%	922 cd
30%	1382 cd
40%	1843 cd
50%	2304 cd
60%	2765 cd
70%	3226 cd
80%	3686 cd

Conditions:

Number of c-planes: 4

Candela at center: 4608 cd

ISO LUX DIAGRAM



3%	1,38 lx
5%	2,30 lx
10%	4,61 lx
30%	13,8 lx
50%	23,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 46,1 lx

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



Total lumen output:

3522 lm

Peak candela output:

3288 cd

Light quality:

CRI: 80,8

Color temperature:

2668 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 60° Filter

Target:

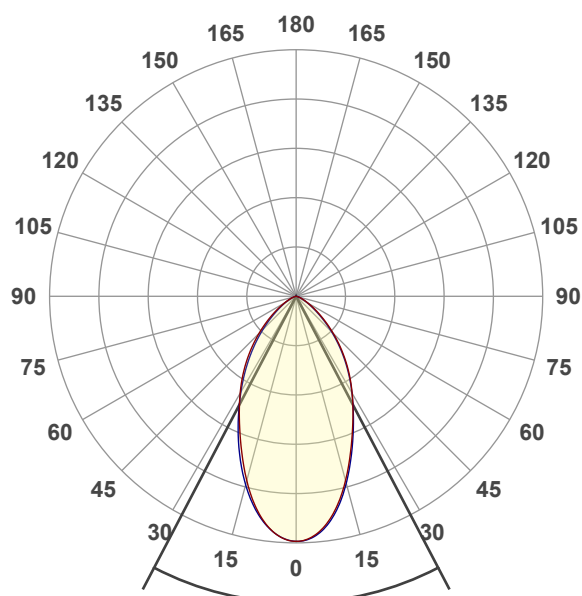
Warm White

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:39:46

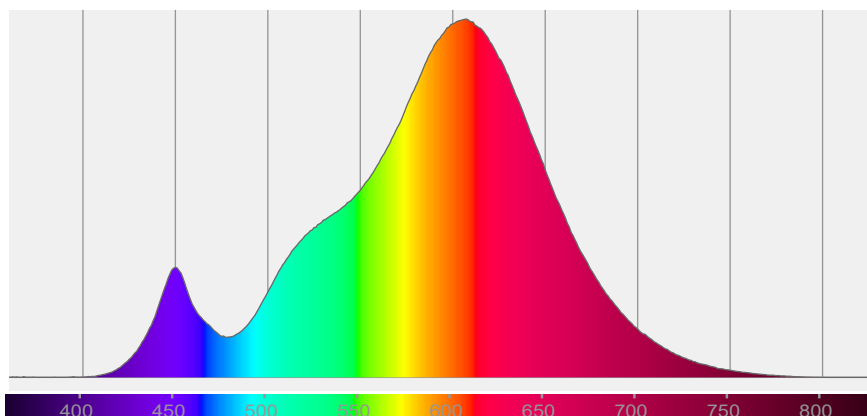


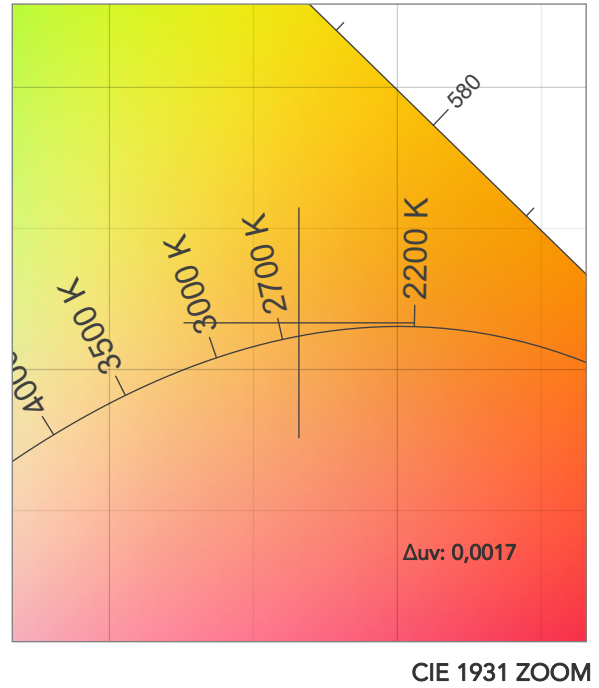
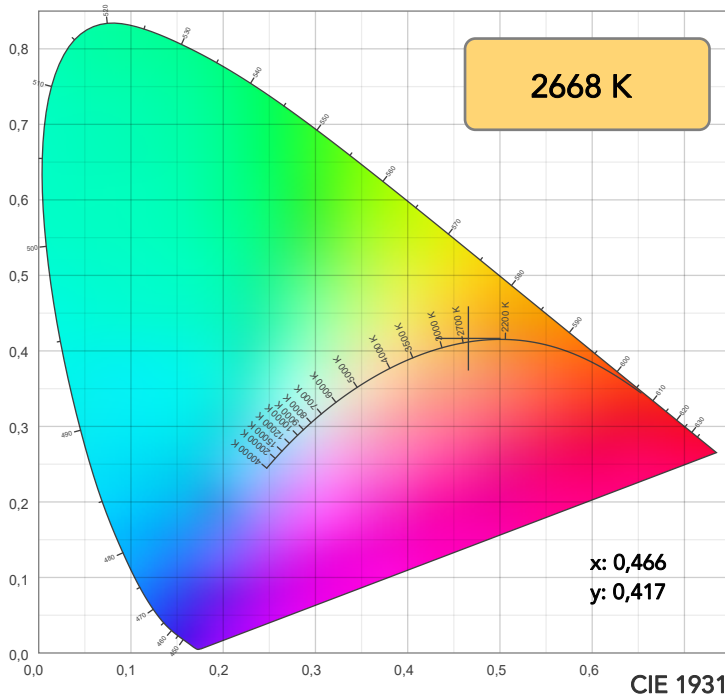
Beam angle 50%: 55,2°

Field angle 10%: 107,5°

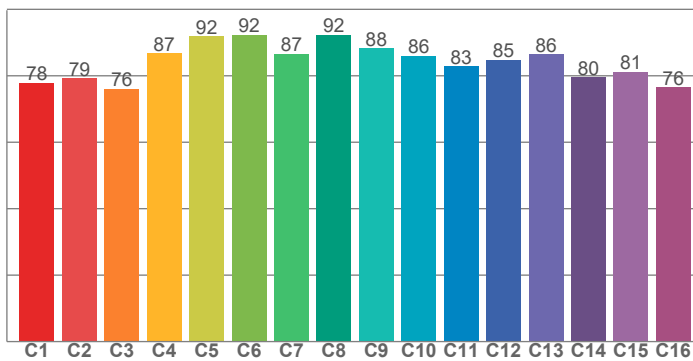
Cut off angle 2.5%: 133,6°

Spectra

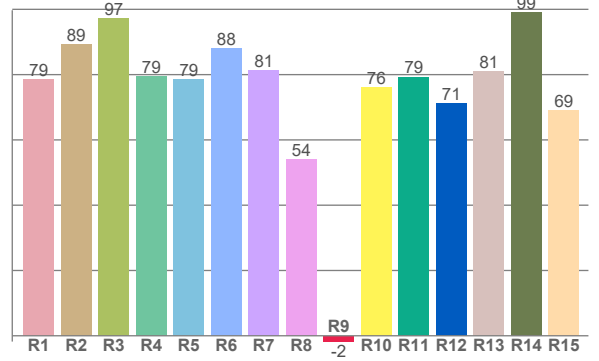




TM30: 84,0



CRI: 80,8 (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
78,6	89,2	97,1	79,4	78,5	88,0	81,3	54,1	-1,8	76,1	79,3	71,2	80,9	99,0	69,0

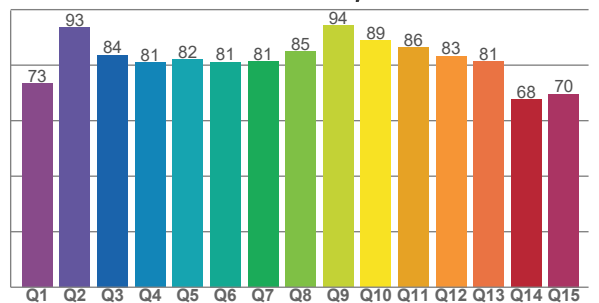
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,9	79,2	76,1	86,7	91,9	92,4	86,6	92,2	88,3	85,9	82,8	84,8	86,5	79,5	81,2	76,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,4	93,5	83,7	81,0	81,9	81,1	81,3	84,9	94,3	88,9	86,3	83,3	81,3	67,7	69,6

CQS: 80,5



COLOR PARAMETERS

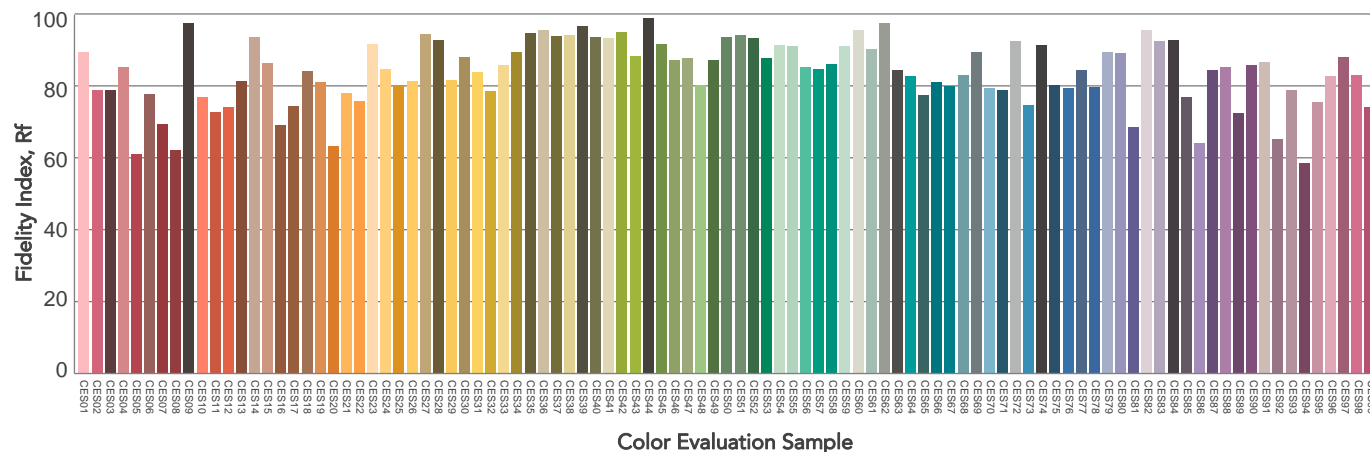
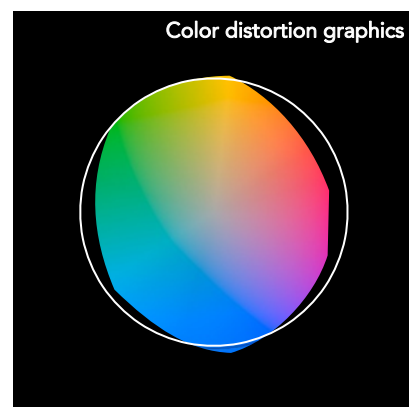
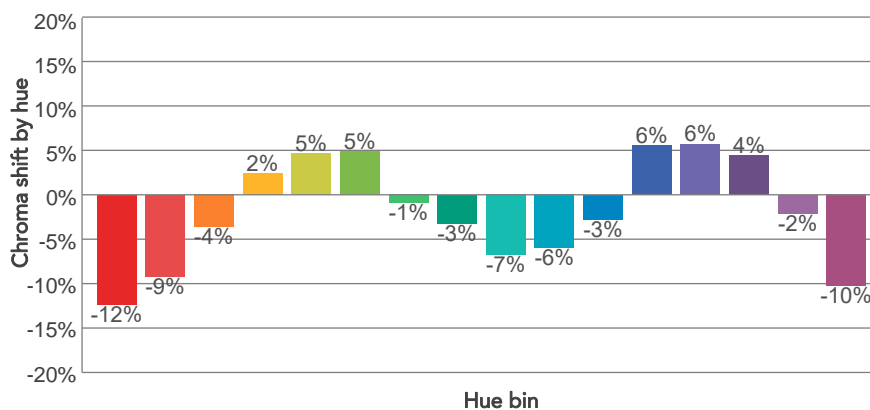
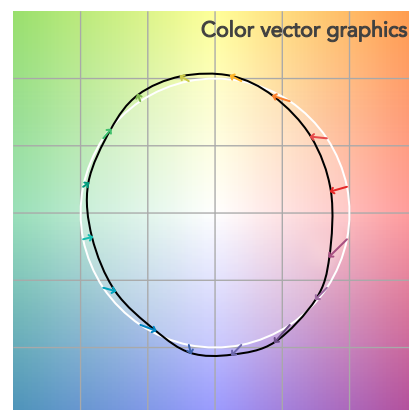
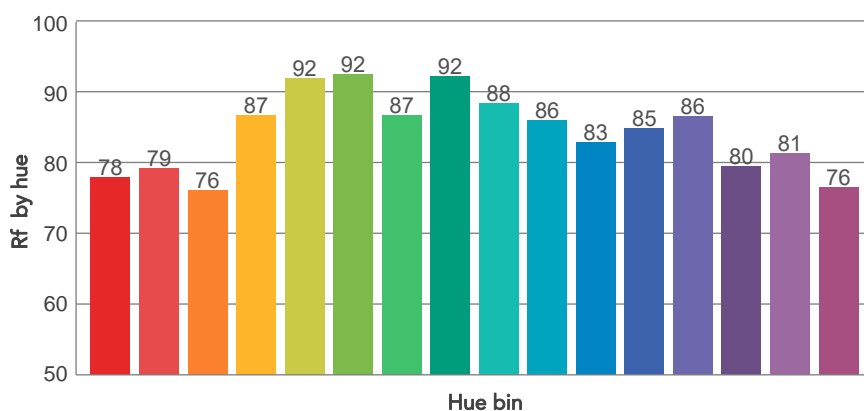
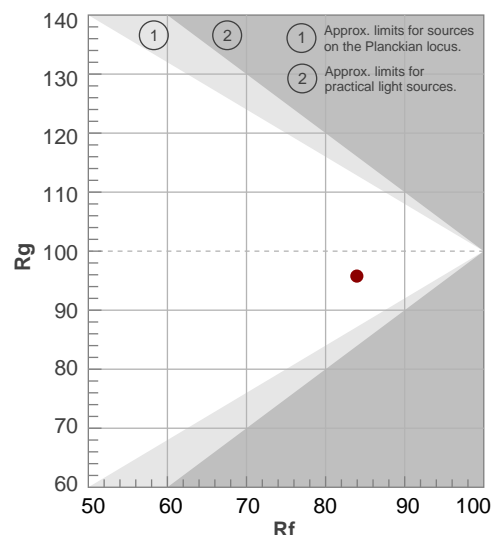
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2668 K	80,8	-1,8	84,0	95,8	80,5	62	0,466	0,417	0,0017

TM30 DETAILS

Rf 84,0
Fidelity index Rf

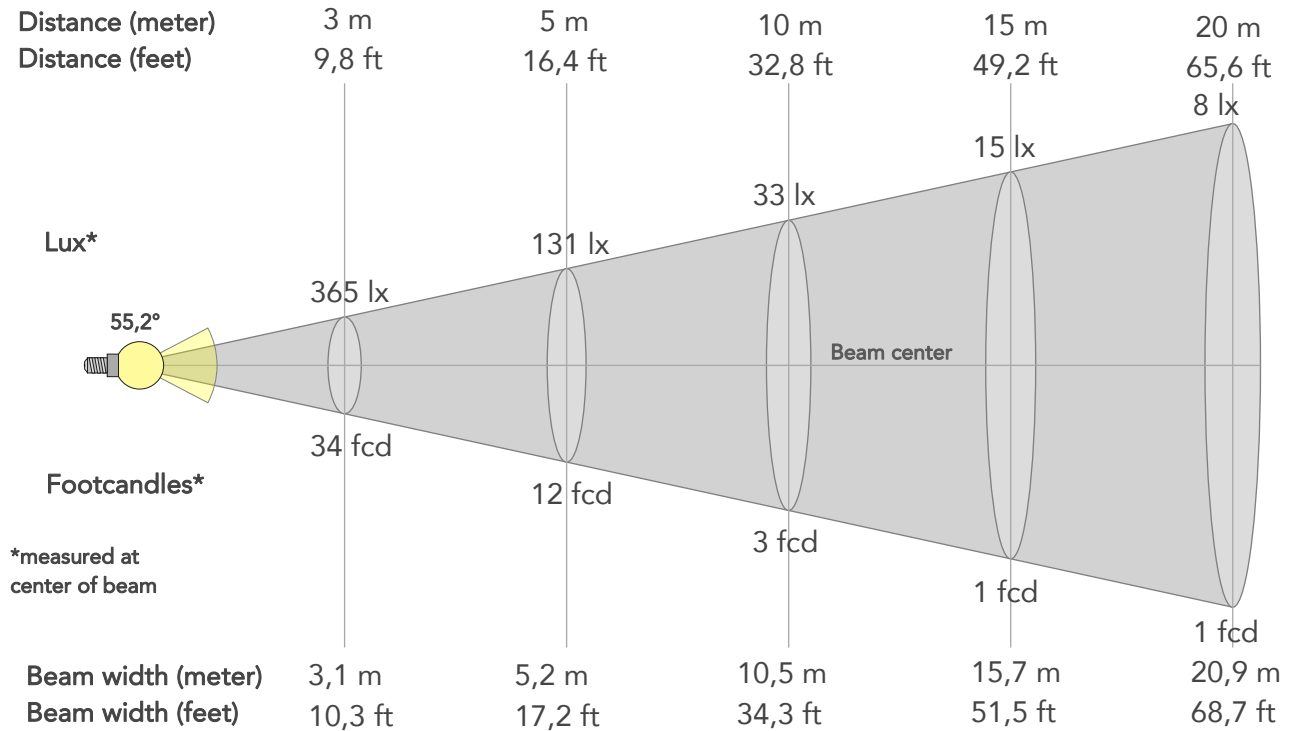
Rg 95,8
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	79	-9%	8%
3	76	-4%	12%
4	87	2%	8%
5	92	5%	5%
6	92	5%	-1%
7	87	-1%	-8%
8	92	-3%	-3%
9	88	-7%	0%
10	86	-6%	7%
11	83	-3%	12%
12	85	6%	3%
13	86	6%	-8%
14	80	4%	-16%
15	81	-2%	-12%
16	76	-10%	-15%



BEAM DETAILS

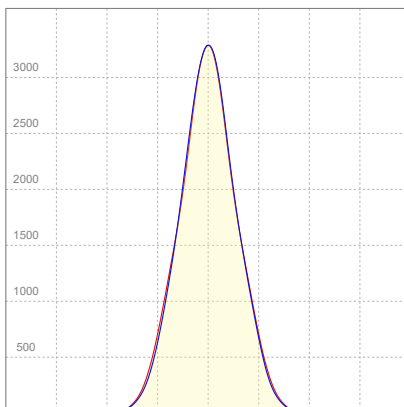
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
55,2°	107,5°	133,6°	96,3%	82,3%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	3285lx	821lx	365lx	205lx	131lx	58lx	33lx	15lx	8lx	5lx	4lx	2lx	1lx
Footcand.	305fcd	76fcd	34fcd	19fcd	12fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2,1m	3,1m	4,2m	5,2m	7,8m	10,5m	15,7m	20,9m	26,2m	31,4m	41,9m	52,3m
Beam wid.	3,5ft	6,9ft	10,3ft	13,7ft	17,2ft	25,7ft	34,3ft	51,5ft	68,7ft	85,8ft	103ft	137,3ft	171,6ft

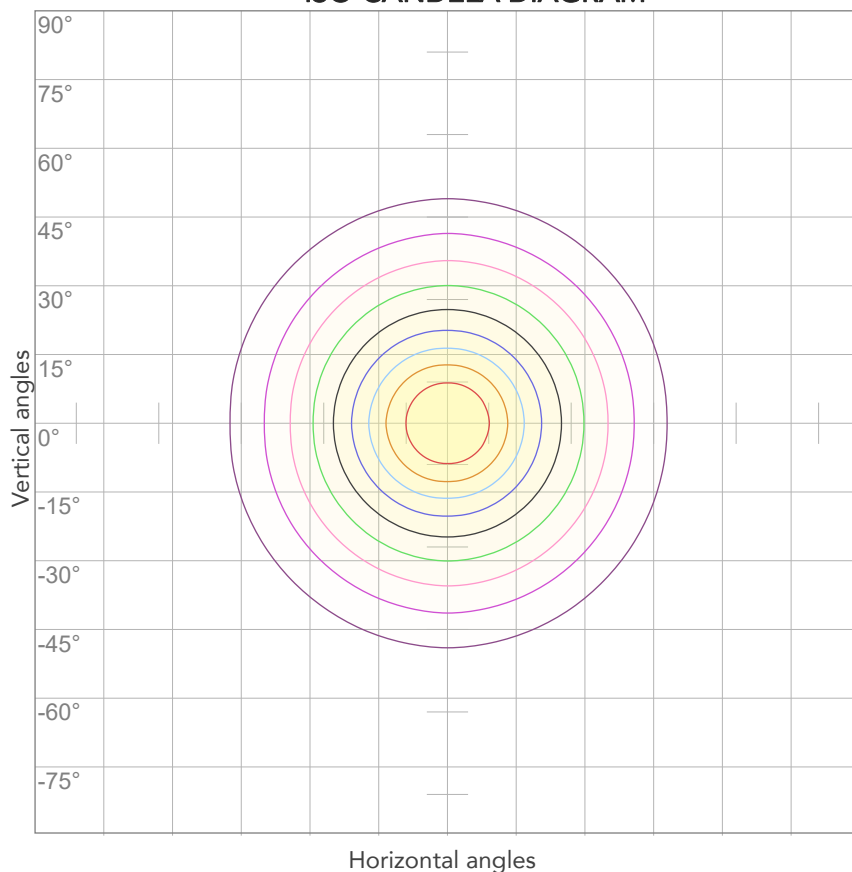
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,358A	72,4W	49lm/W

ISO CANDELA DIAGRAM



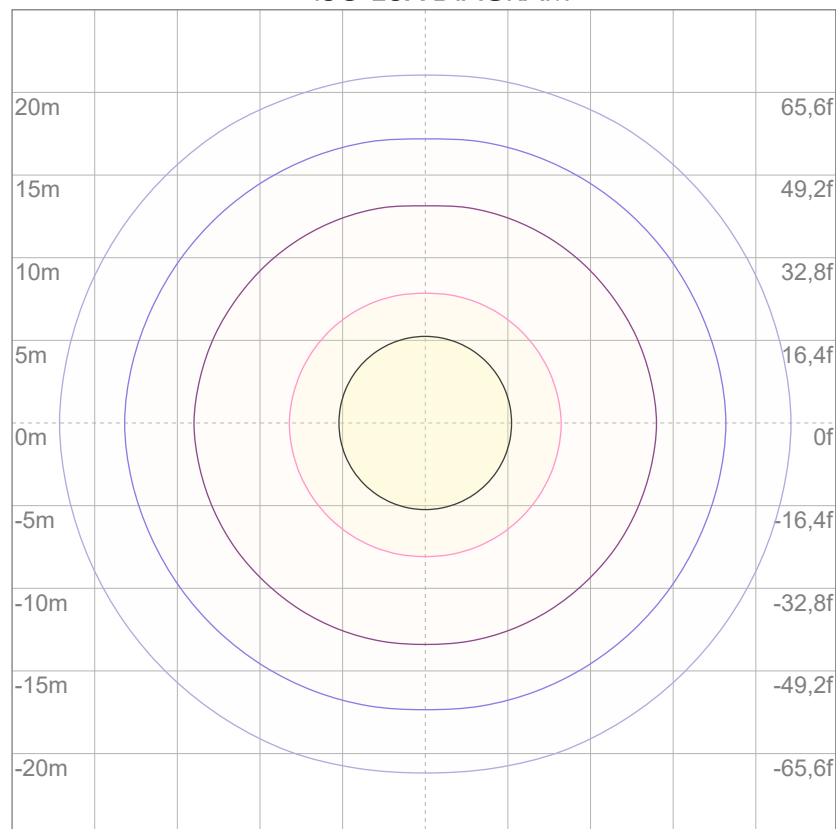
10%	329 cd
20%	657 cd
30%	986 cd
40%	1314 cd
50%	1643 cd
60%	1971 cd
70%	2300 cd
80%	2628 cd

Conditions:

Number of c-planes: 4

Candela at center: 3285 cd

ISO LUX DIAGRAM



3%	0,986 lx
5%	1,64 lx
10%	3,29 lx
30%	9,86 lx
50%	16,4 lx

Conditions:

Number of c-planes: 4

Lux at center: 32,9 lx

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



Total lumen output:

3562 lm

Peak candela output:

2314 cd

Light quality:

CRI: 81,1

Color temperature:

2678 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 80° Filter

Target:

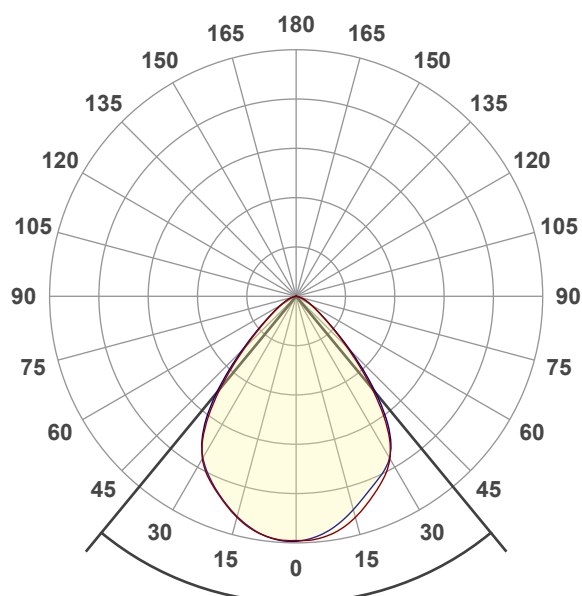
Warm White

Operator:

Nicola Savarese

Date and time:

15/07/2022 14:23:08

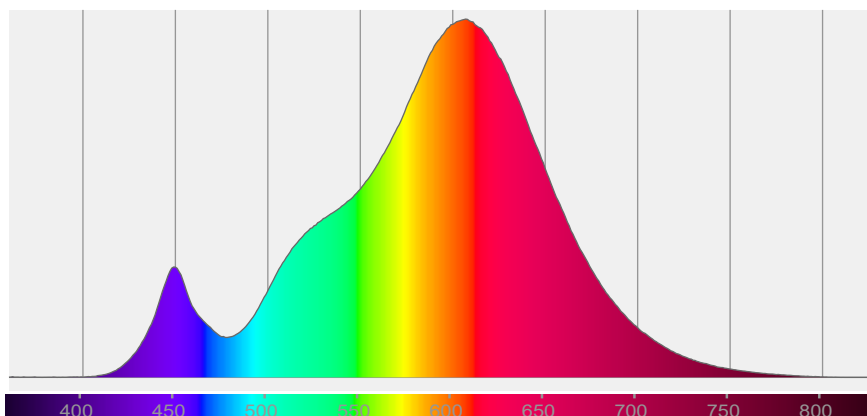


Beam angle 50%: 79°

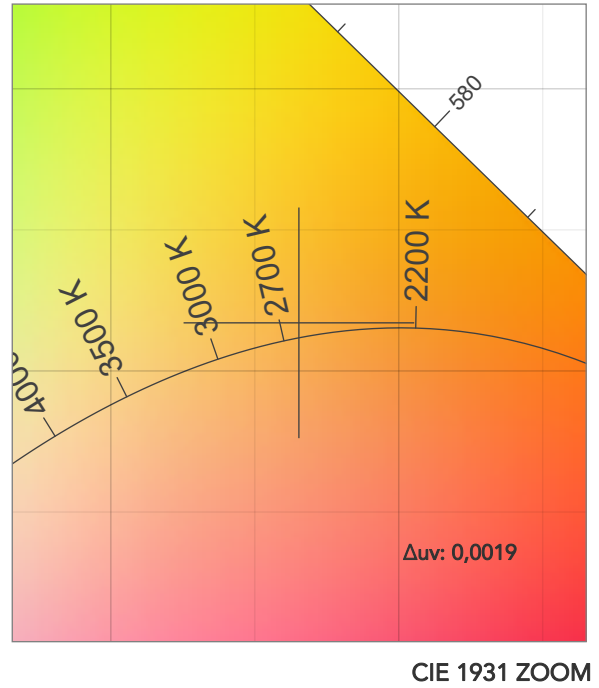
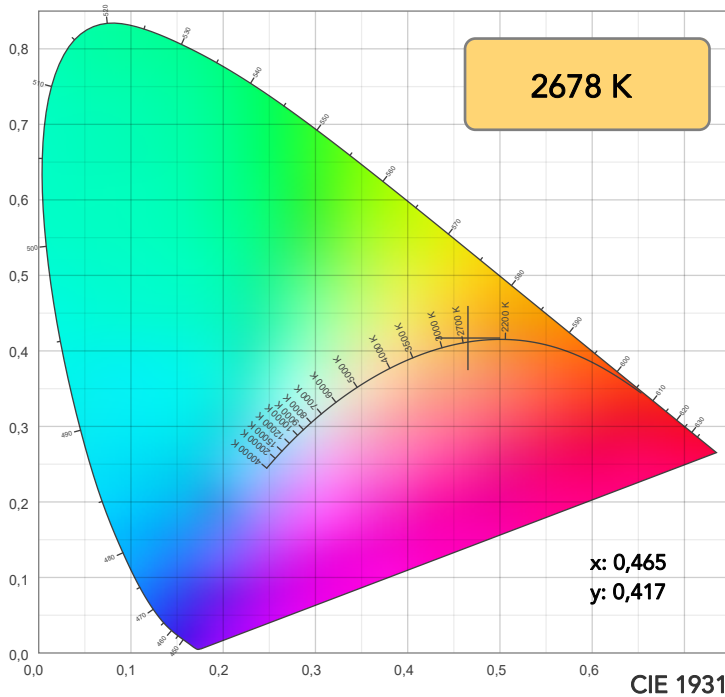
Field angle 10%: 112,6°

Cut off angle 2.5%: 142,5°

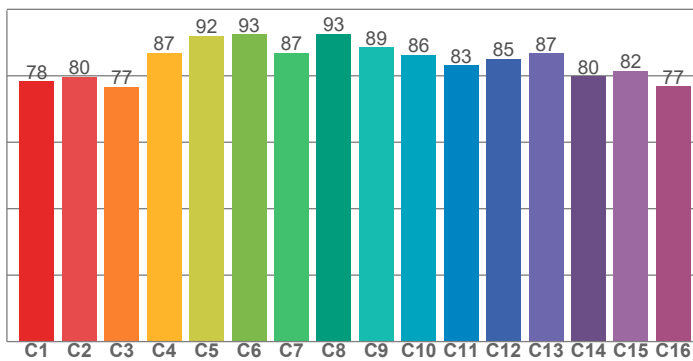
Spectra



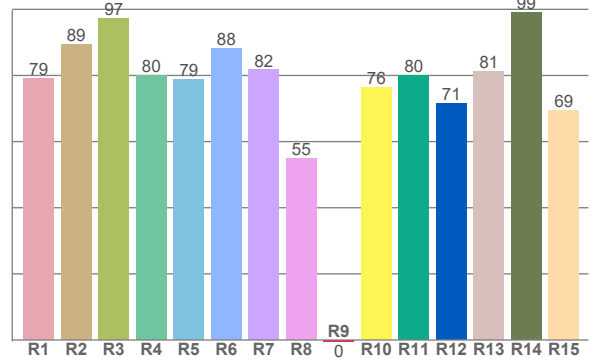
COLOR DETAILS



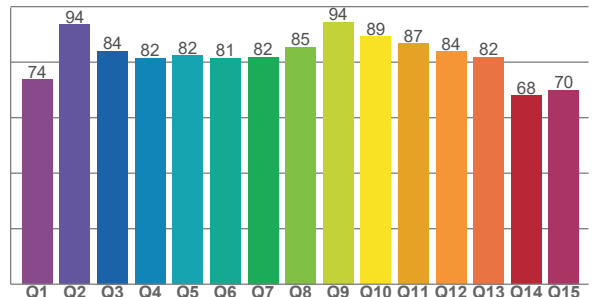
TM30: 84,3



CRI: 81,1 (R1-R8)



CQS: 80,9



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
79,0	89,3	97,4	80,1	78,9	88,1	81,7	54,8	-0,5	76,3	80,1	71,4	81,2	99,1	69,4

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
78,3	79,6	76,7	87,0	92,0	92,5	86,9	92,6	88,6	86,3	83,2	85,1	86,7	79,8	81,5	76,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,7	93,6	84,1	81,6	82,4	81,5	81,9	85,5	94,5	89,2	86,7	83,8	81,8	68,0	70,0

COLOR PARAMETERS

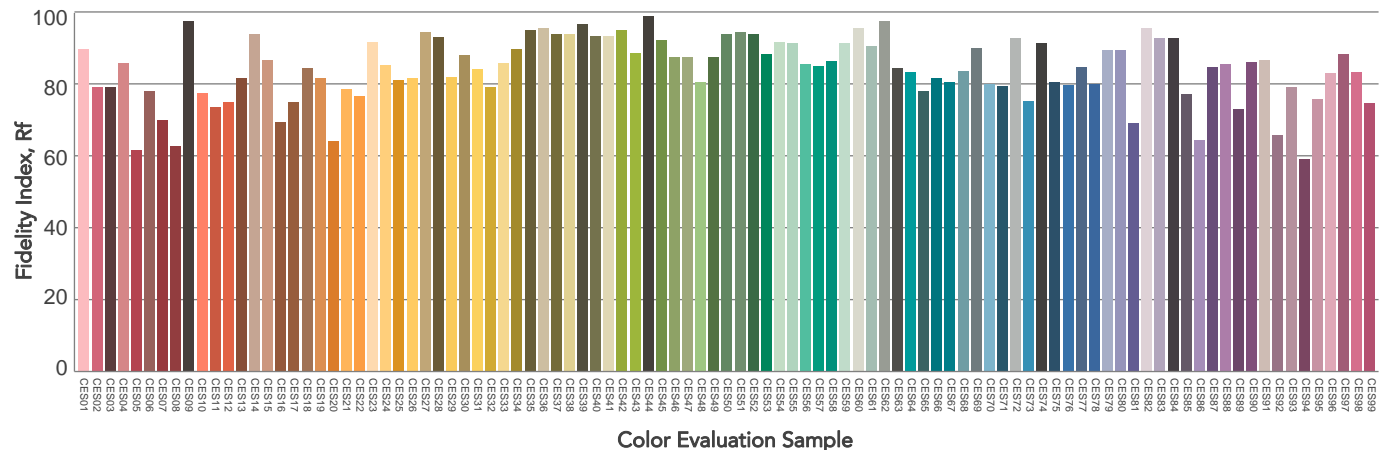
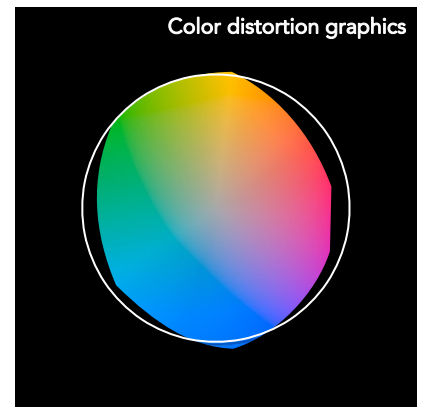
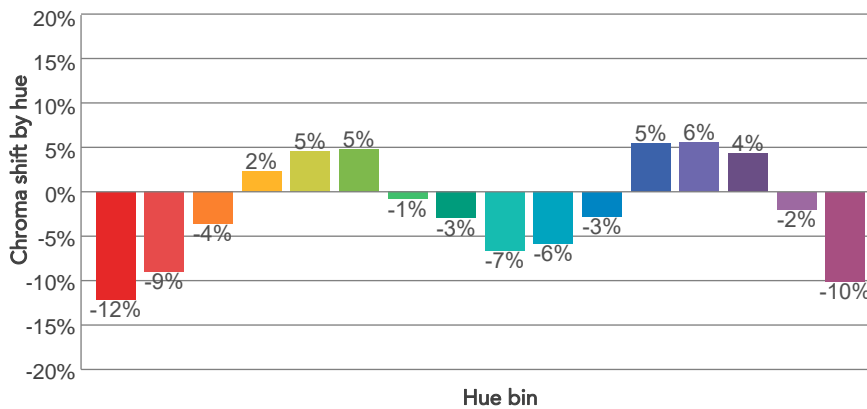
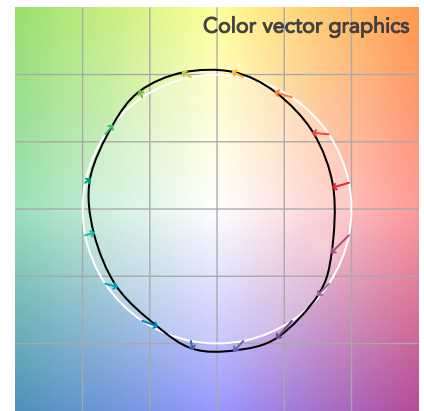
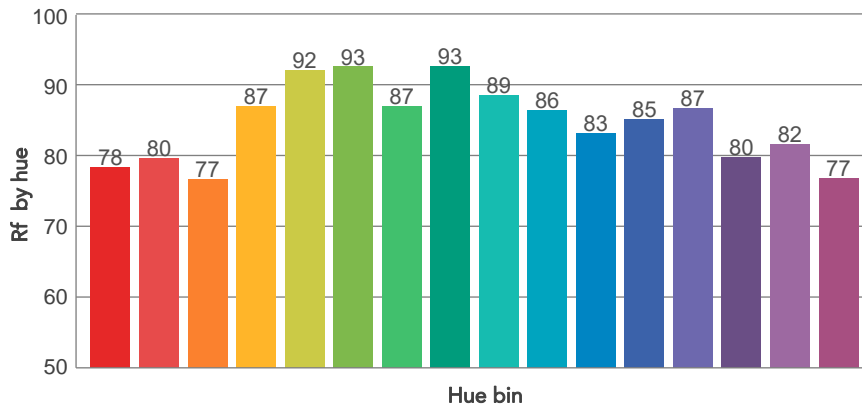
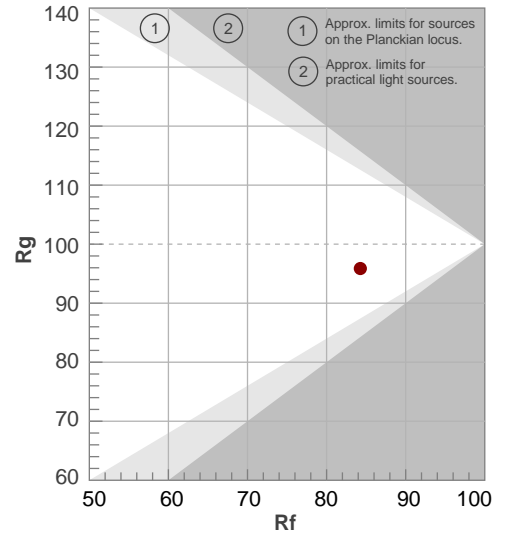
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2678 K	81,1	-0,5	84,3	95,9	80,9	63	0,465	0,417	0,0019

TM30 DETAILS

Rf 84,3
Fidelity index Rf

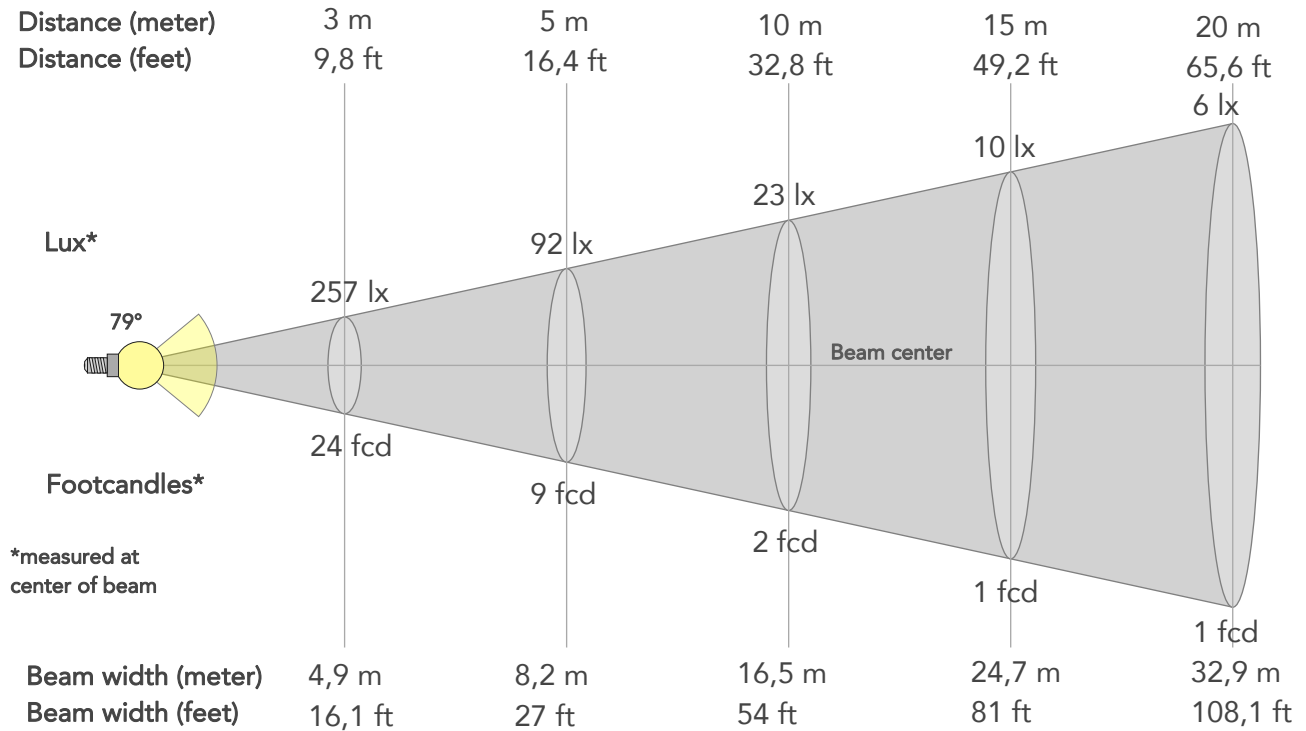
Rg 95,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	80	-9%	7%
3	77	-4%	12%
4	87	2%	8%
5	92	5%	5%
6	93	5%	-1%
7	87	-1%	-8%
8	93	-3%	-3%
9	89	-7%	0%
10	86	-6%	7%
11	83	-3%	11%
12	85	5%	3%
13	87	6%	-8%
14	80	4%	-16%
15	82	-2%	-11%
16	77	-10%	-15%



BEAM DETAILS

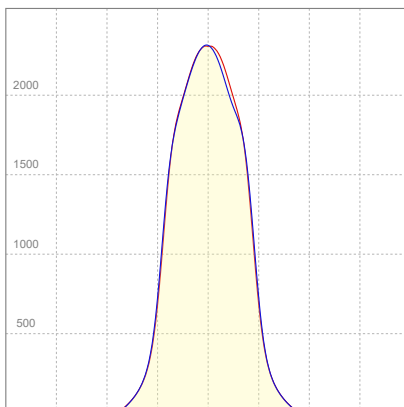
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
79°	112,6°	142,5°	95,8%	82,8%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	2310lx	577lx	257lx	144lx	92lx	41lx	23lx	10lx	6lx	4lx	3lx	1lx	1lx
Footcand.	215fcd	54fcd	24fcd	13fcd	9fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1,6m	3,3m	4,9m	6,6m	8,2m	12,4m	16,5m	24,7m	32,9m	41,2m	49,4m	65,9m	82,4m
Beam wid.	5,4ft	10,9ft	16,1ft	21,6ft	27ft	40,5ft	54ft	81ft	108,1ft	135,1ft	162,1ft	216,1ft	270,2ft

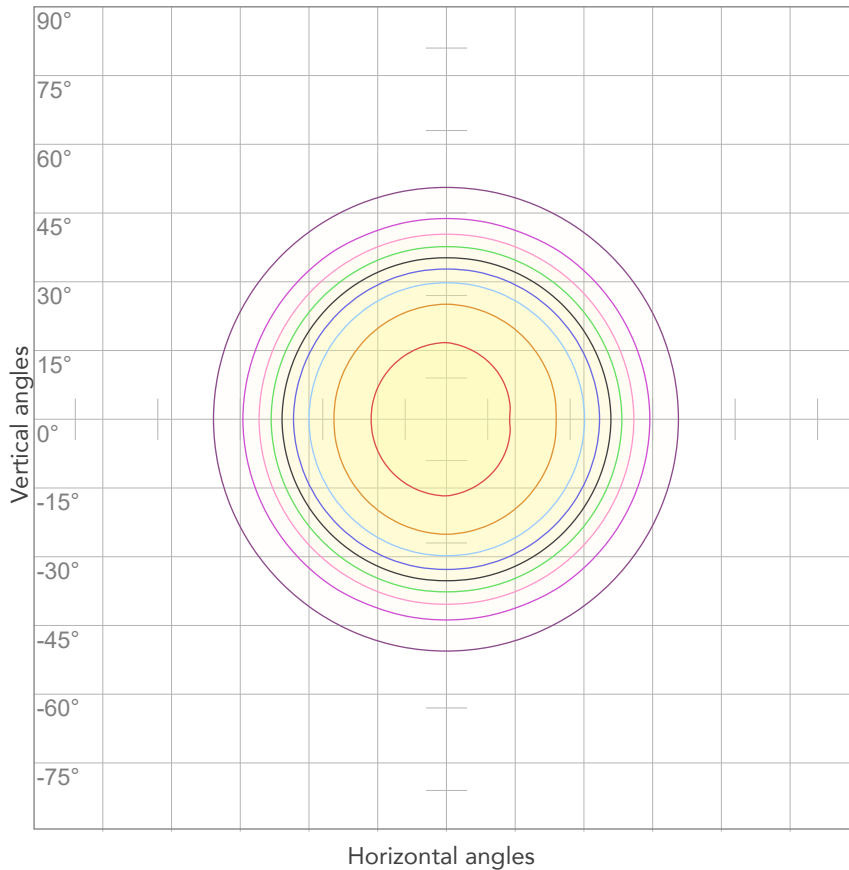
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,359A	73,2W	49lm/W

ISO CANDELA DIAGRAM



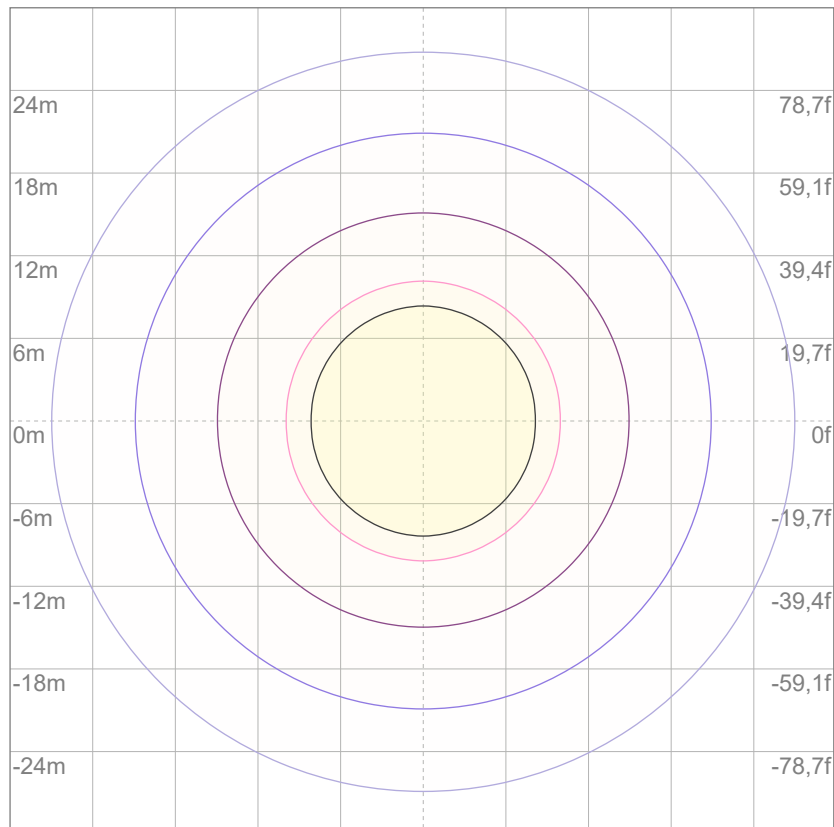
10%	231 cd
20%	462 cd
30%	693 cd
40%	924 cd
50%	1155 cd
60%	1386 cd
70%	1617 cd
80%	1848 cd

Conditions:

Number of c-planes: 4

Candela at center: 2310 cd

ISO LUX DIAGRAM



3%	0,693 lx
5%	1,15 lx
10%	2,31 lx
30%	6,93 lx
50%	11,5 lx

Conditions:

Number of c-planes: 4

Lux at center: 23,1 lx

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



Total lumen output:

6906 lm

Peak candela output:

12683 cd

Light quality:

CRI: 81,0

Color temperature:

2670 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 10°x60° Filter

Target:

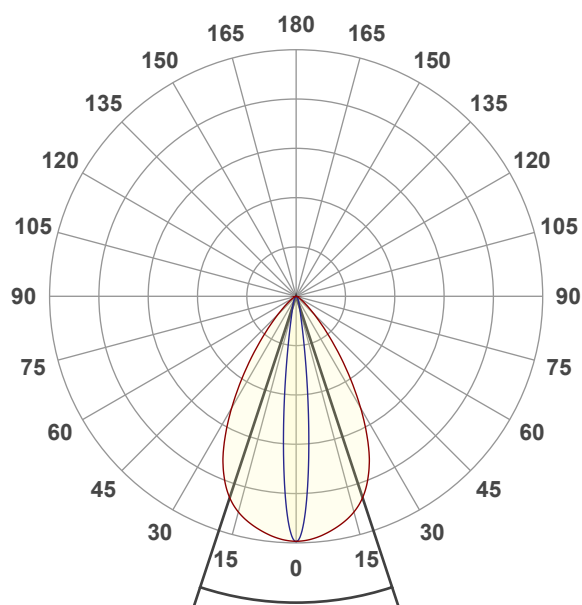
Warm White

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:51:56

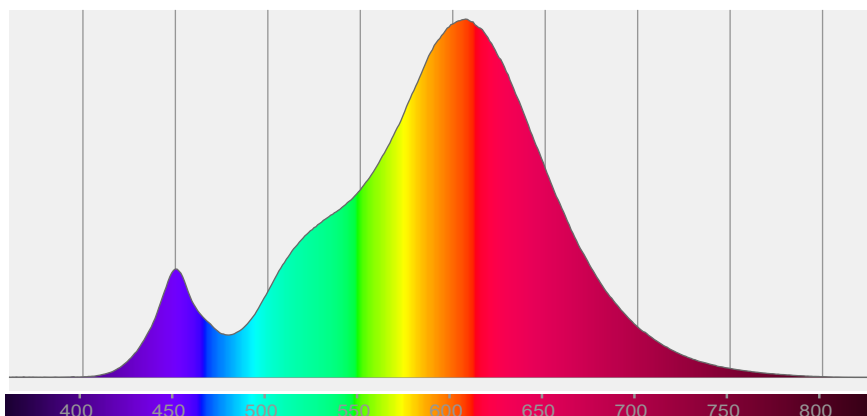


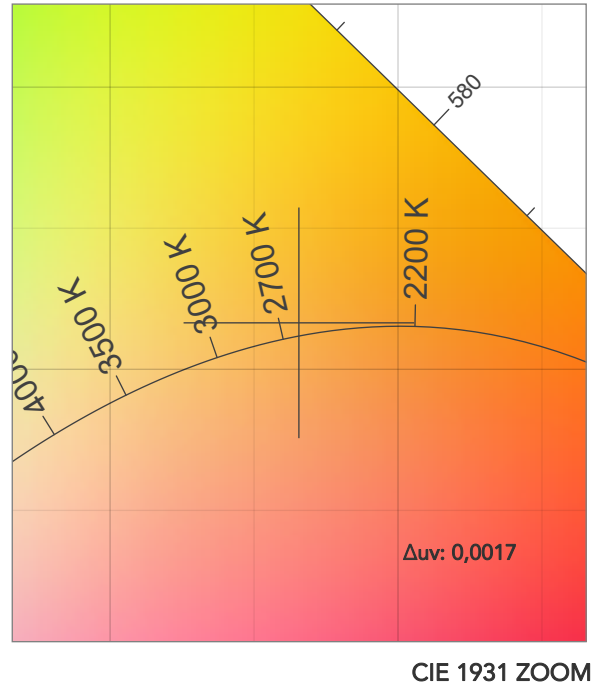
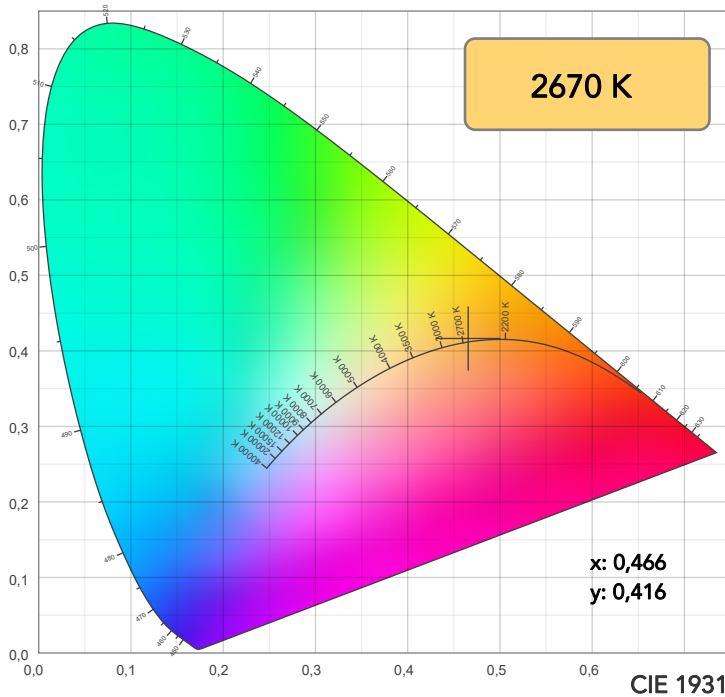
Beam angle 50%: 36,5°

Field angle 10%: 57,8°

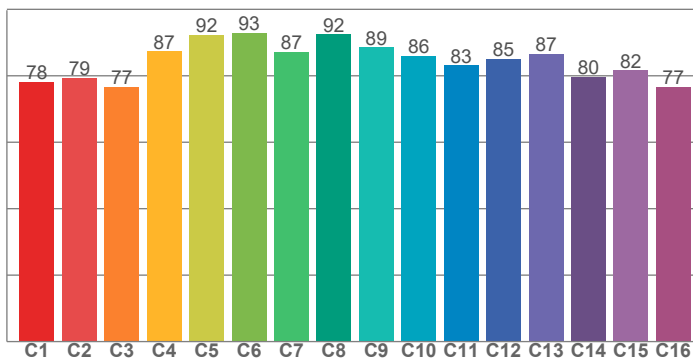
Cut off angle 2.5%: 80,2°

Spectra

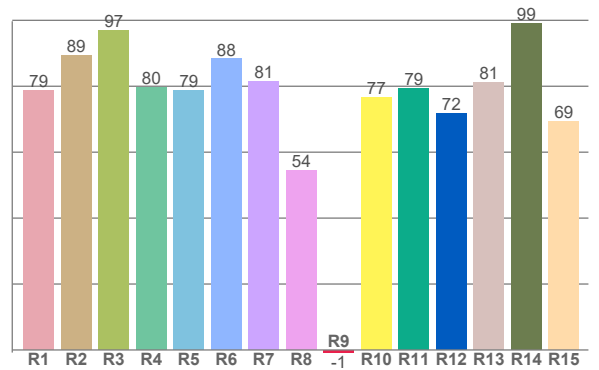




TM30: 84,3



CRI: 81,0 (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
78,9	89,4	97,1	79,6	78,8	88,3	81,4	54,4	-0,8	76,7	79,4	71,7	81,2	99,0	69,3

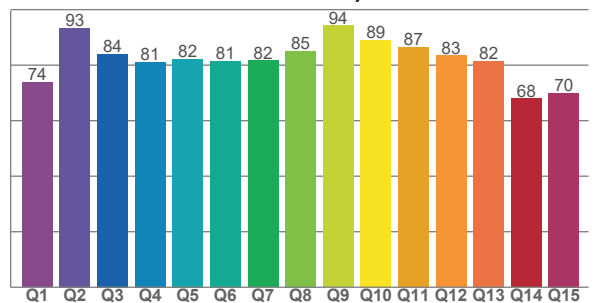
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,2	79,5	76,6	87,3	92,4	92,9	87,2	92,5	88,5	85,9	83,1	85,1	86,6	79,6	81,6	76,6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,8	93,5	84,0	81,2	82,2	81,5	81,6	85,1	94,3	89,1	86,5	83,5	81,5	68,0	70,0

CQS: 80,8



COLOR PARAMETERS

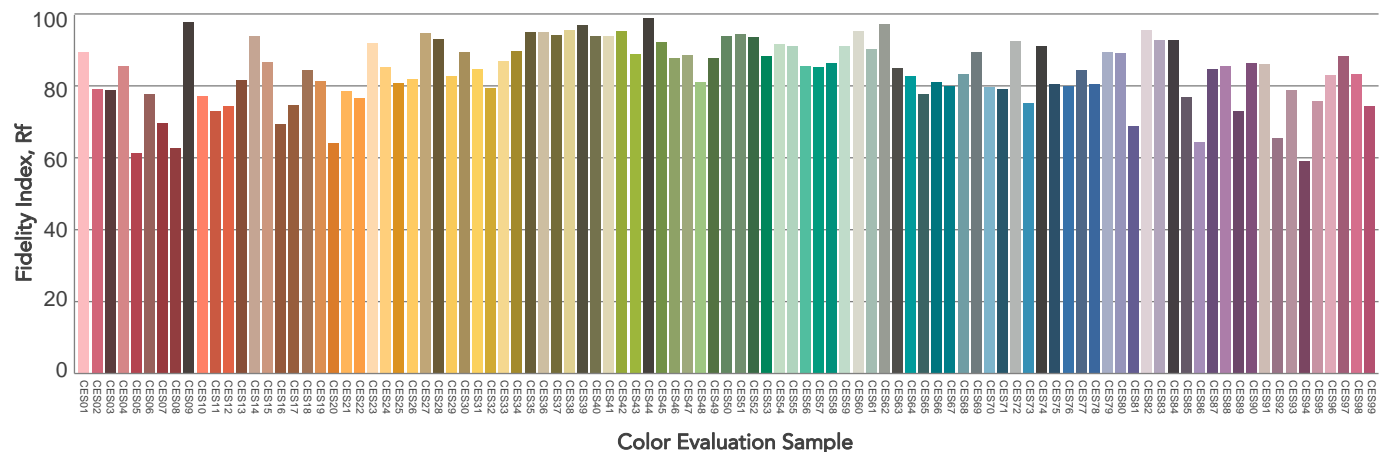
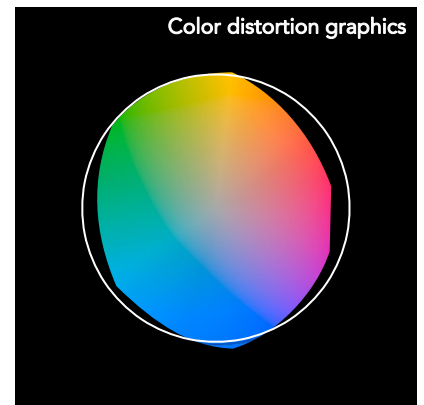
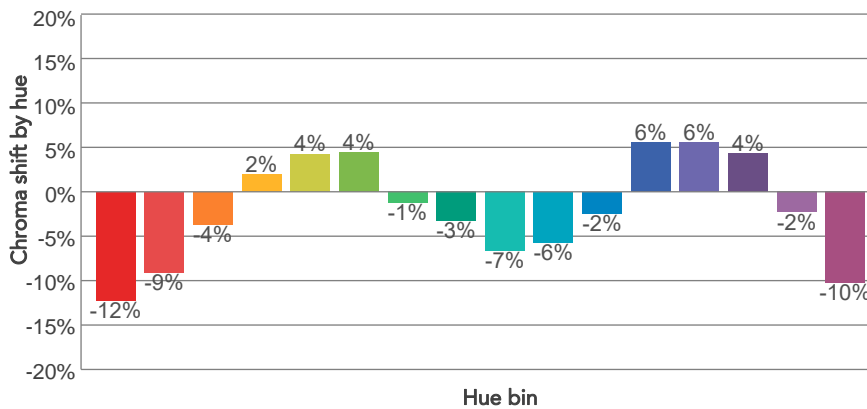
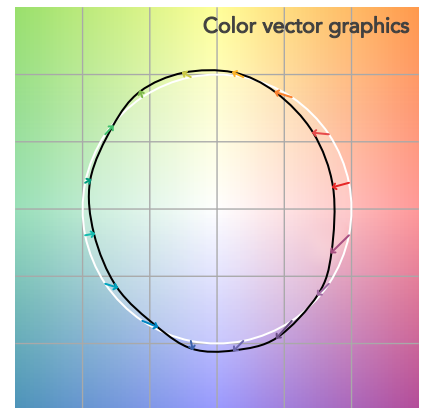
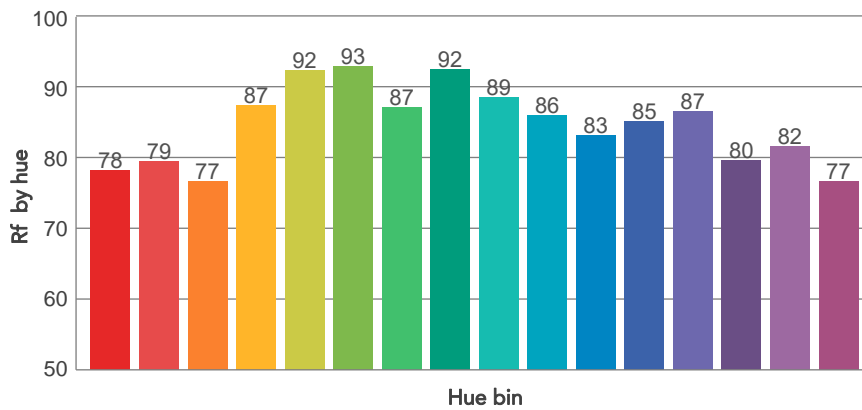
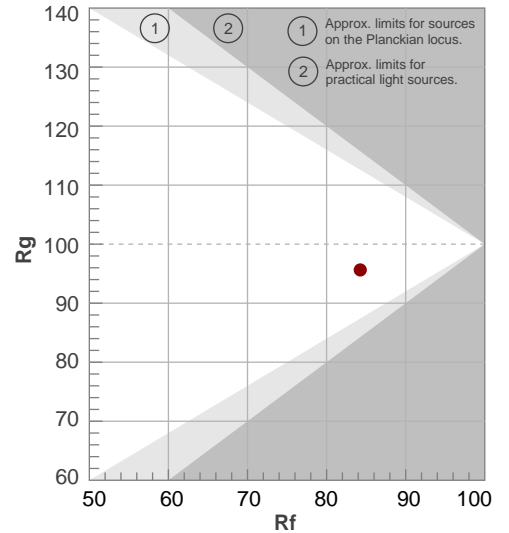
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2670 K	81,0	-0,8	84,3	95,6	80,8	63	0,466	0,416	0,0017

TM30 DETAILS

Rf 84,3
Fidelity index Rf

Rg 95,6
Gammut index

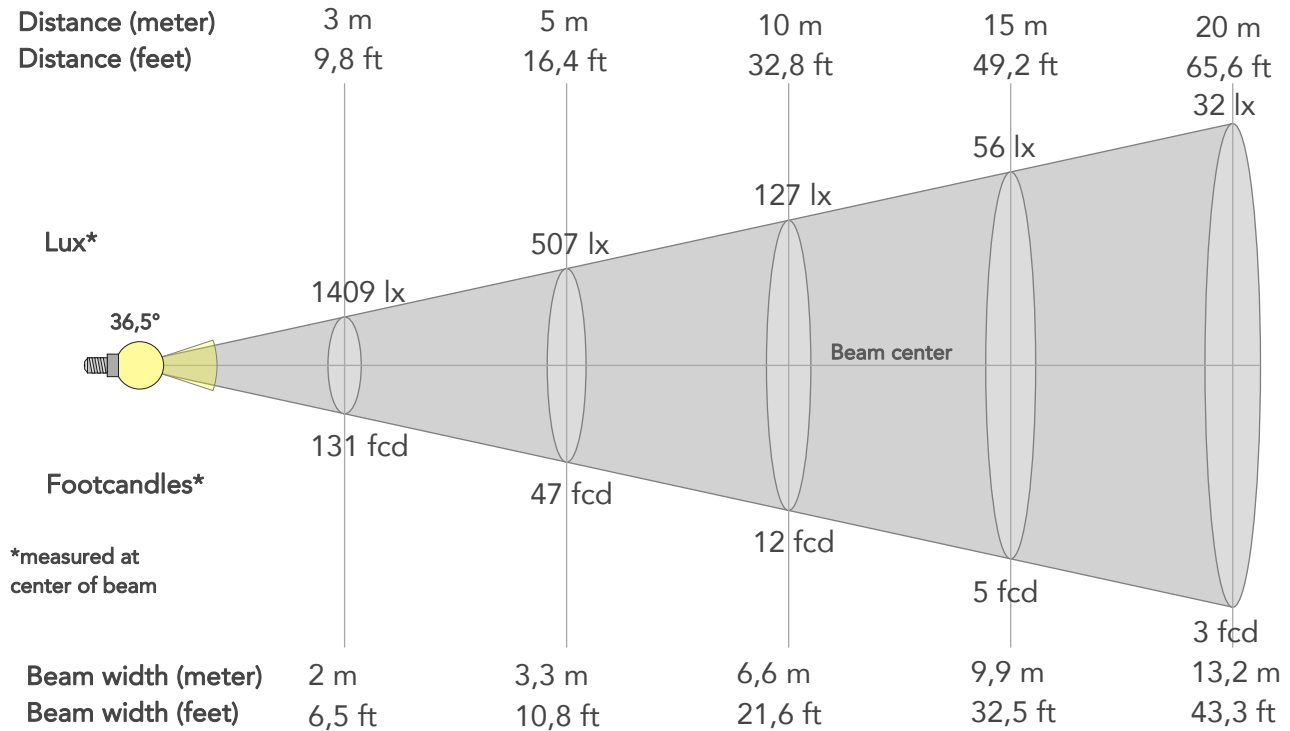
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	79	-9%	7%
3	77	-4%	12%
4	87	2%	8%
5	92	4%	5%
6	93	4%	-1%
7	87	-1%	-8%
8	92	-3%	-3%
9	89	-7%	0%
10	86	-6%	7%
11	83	-2%	12%
12	85	6%	2%
13	87	6%	-8%
14	80	4%	-16%
15	82	-2%	-11%
16	77	-10%	-15%



BEAM DETAILS



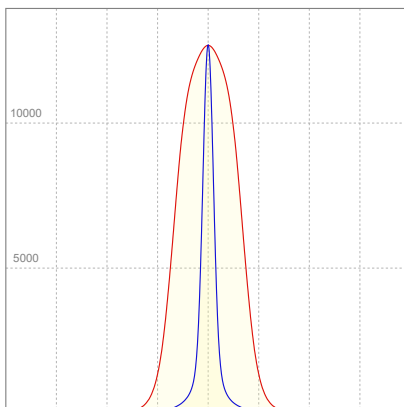
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36,5°	57,8°	80,2°	99,1%	93,7%



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	12677lx	3169lx	1409lx	792lx	507lx	225lx	127lx	56lx	32lx	20lx	14lx	8lx	5lx
Footcand.	1178fcd	294fcd	131fcd	74fcd	47fcd	21fcd	12fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,7m	1,3m	2m	2,6m	3,3m	4,9m	6,6m	9,9m	13,2m	16,5m	19,8m	26,4m	33m
Beam wid.	2,2ft	4,4ft	6,5ft	8,6ft	10,8ft	16,2ft	21,6ft	32,5ft	43,3ft	54,1ft	64,9ft	86,6ft	108,2ft

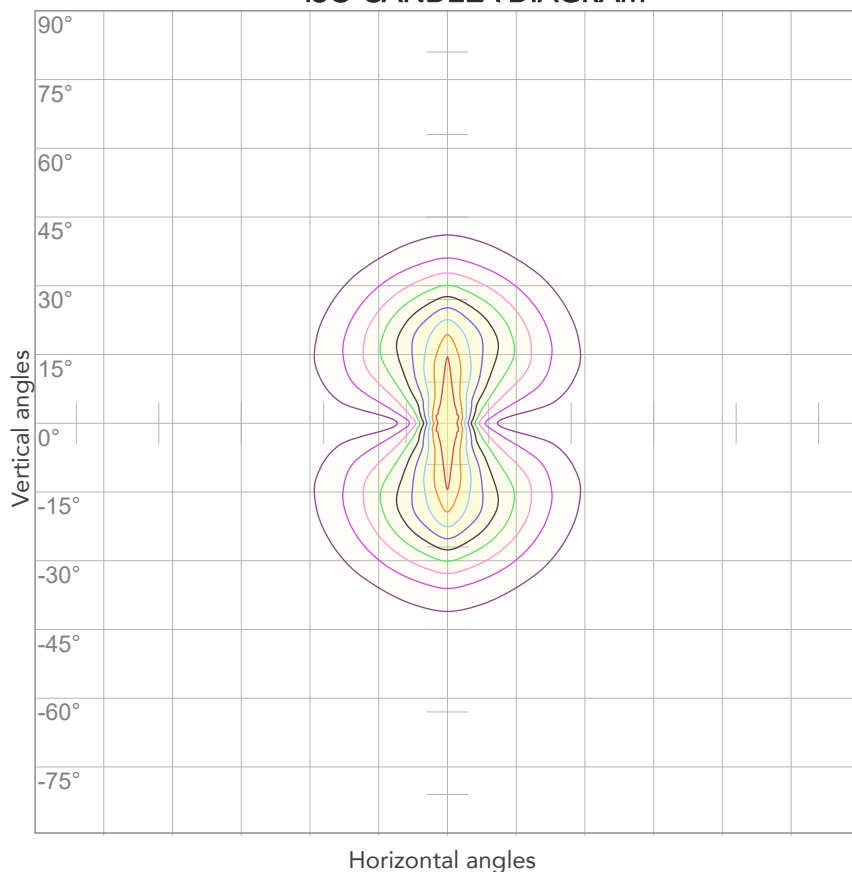
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,355A	72,0W	96lm/W

ISO CANDELA DIAGRAM



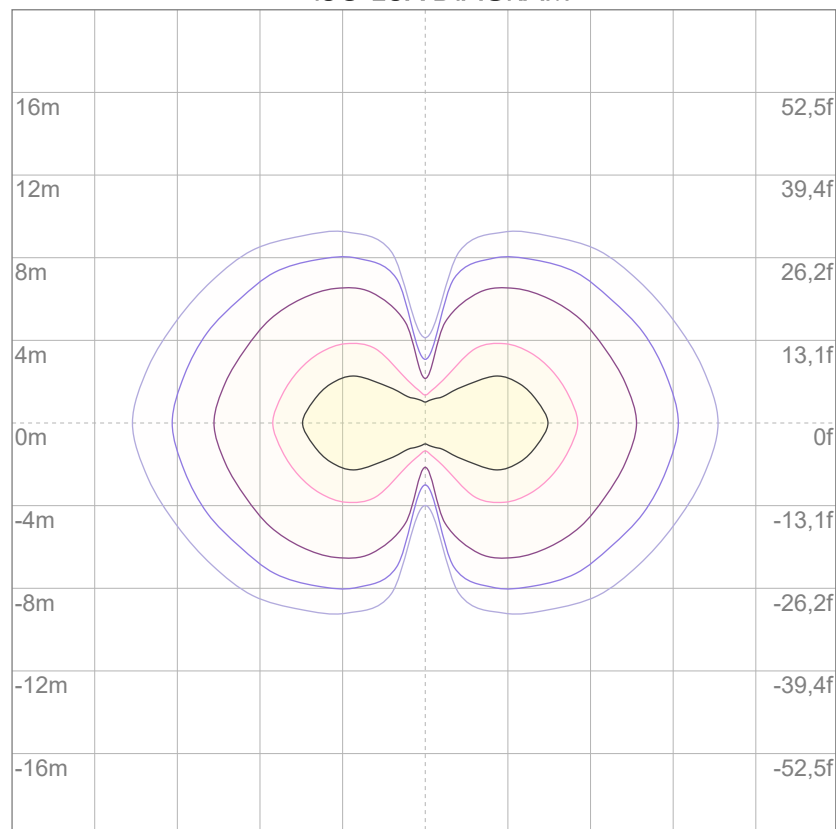
10%	1268 cd
20%	2535 cd
30%	3803 cd
40%	5071 cd
50%	6339 cd
60%	7606 cd
70%	8874 cd
80%	10142 cd

Conditions:

Number of c-planes: 4

Candela at center: 12677 cd

ISO LUX DIAGRAM



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

Conditions:

Number of c-planes: 4

Lux at center: 127 lx

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



Total lumen output:

3918 lm

Peak candela output:

5879 cd

Light quality:

CRI: 80,8

Color temperature:

2680 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 30°x60° Filter

Target:

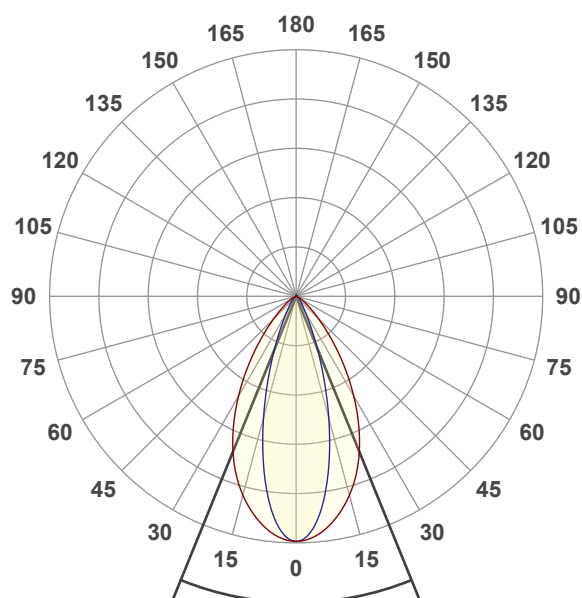
Warm White

Operator:

Nicola Savarese

Date and time:

15/07/2022 13:27:35

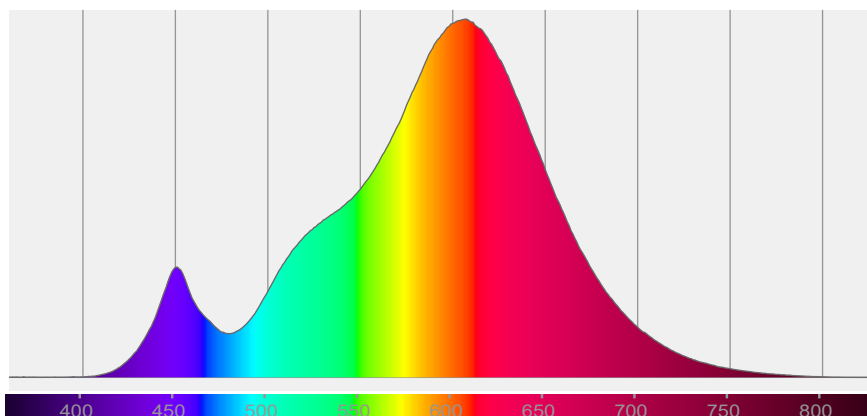


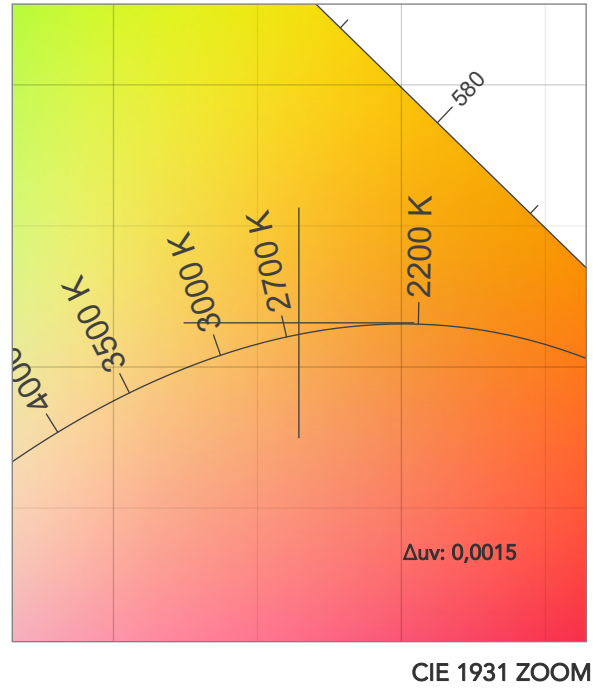
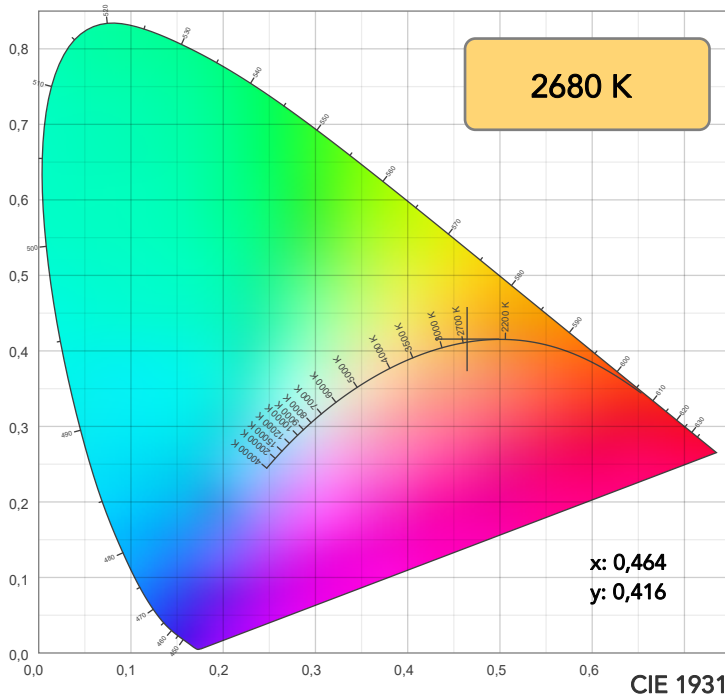
Beam angle 50%: 44,3°

Field angle 10%: 75,6°

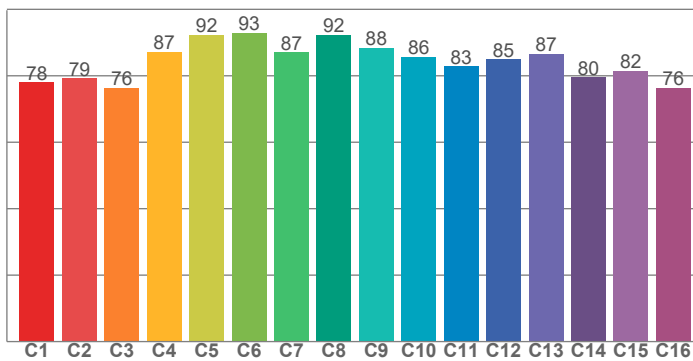
Cut off angle 2.5%: 103,4°

Spectra

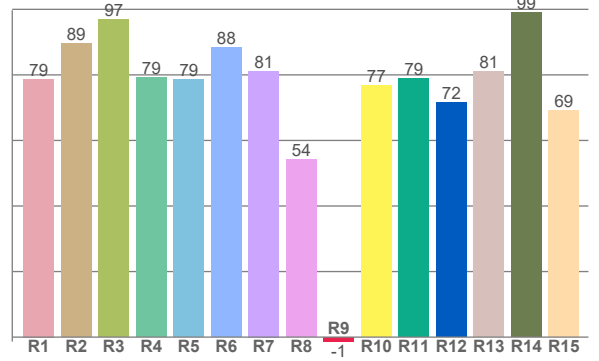




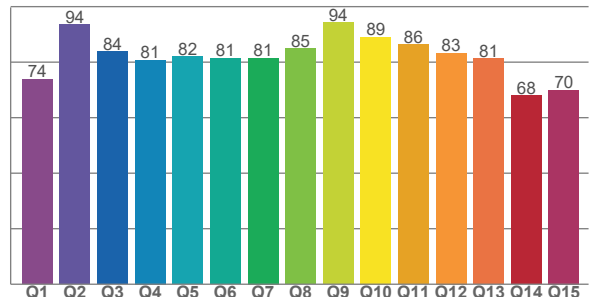
TM30: 84,1



CRI: 80,8 (R1-R8)



CQS: 80,6



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
78,7	89,5	96,9	79,3	78,7	88,3	81,2	54,2	-1,4	76,7	79,0	71,7	81,1	99,0	69,2

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
78,0	79,2	76,4	87,2	92,4	92,8	87,1	92,3	88,4	85,6	82,8	85,0	86,5	79,5	81,6	76,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
73,8	93,5	83,8	80,8	82,0	81,4	81,4	84,9	94,3	89,0	86,3	83,2	81,3	67,9	69,9

COLOR PARAMETERS

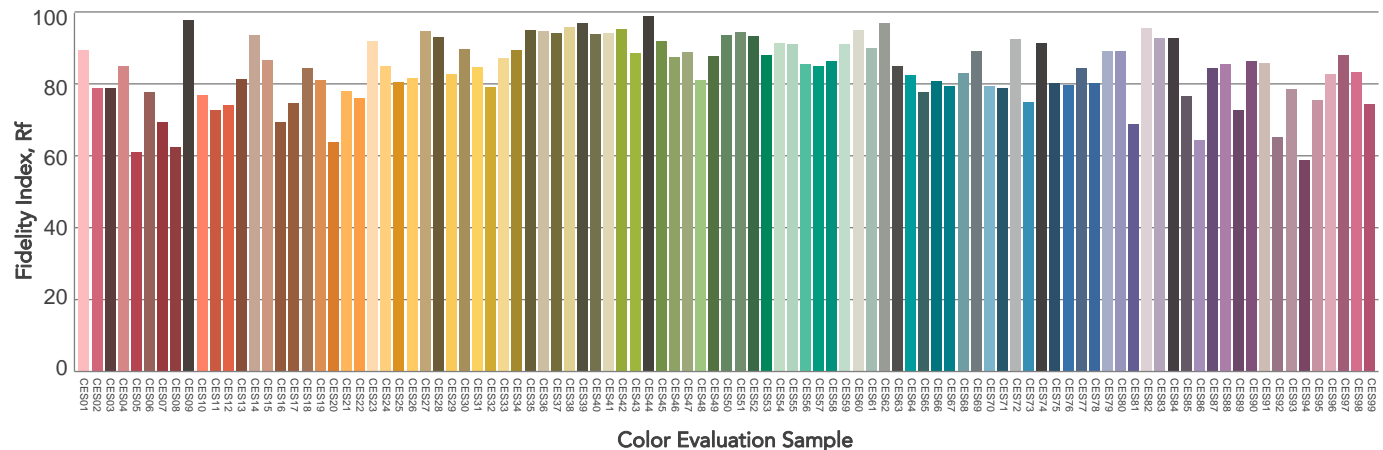
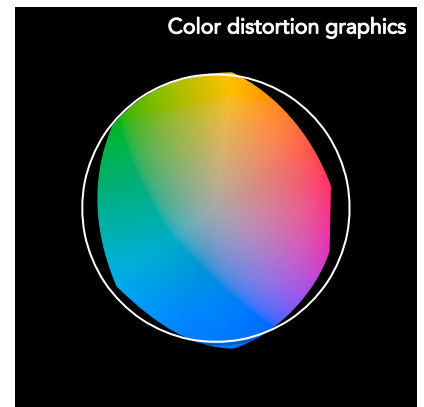
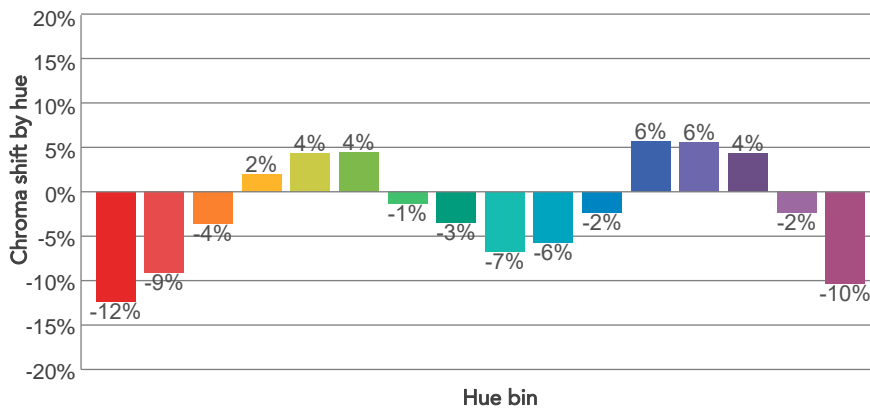
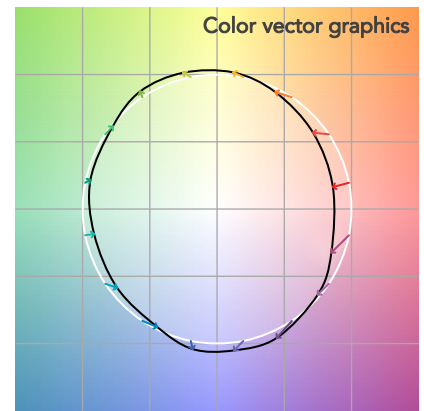
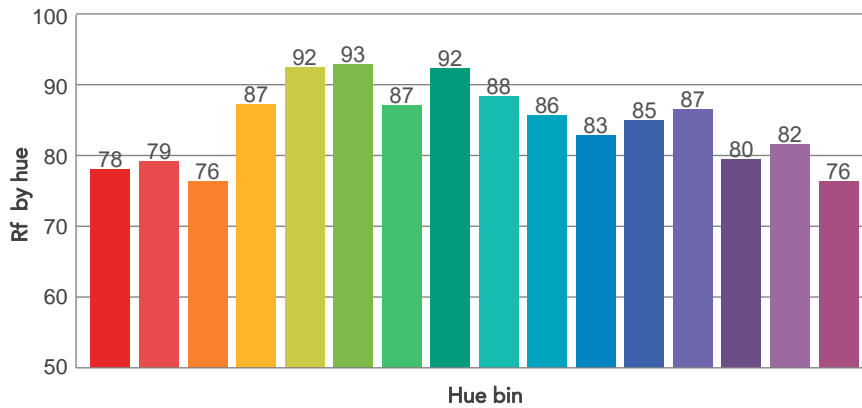
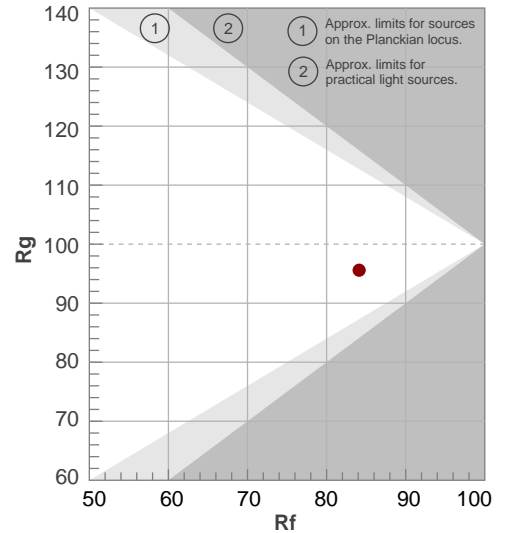
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
2680 K	80,8	-1,4	84,1	95,6	80,6	63	0,464	0,416	0,0015

TM30 DETAILS

Rf 84,1
Fidelity index Rf

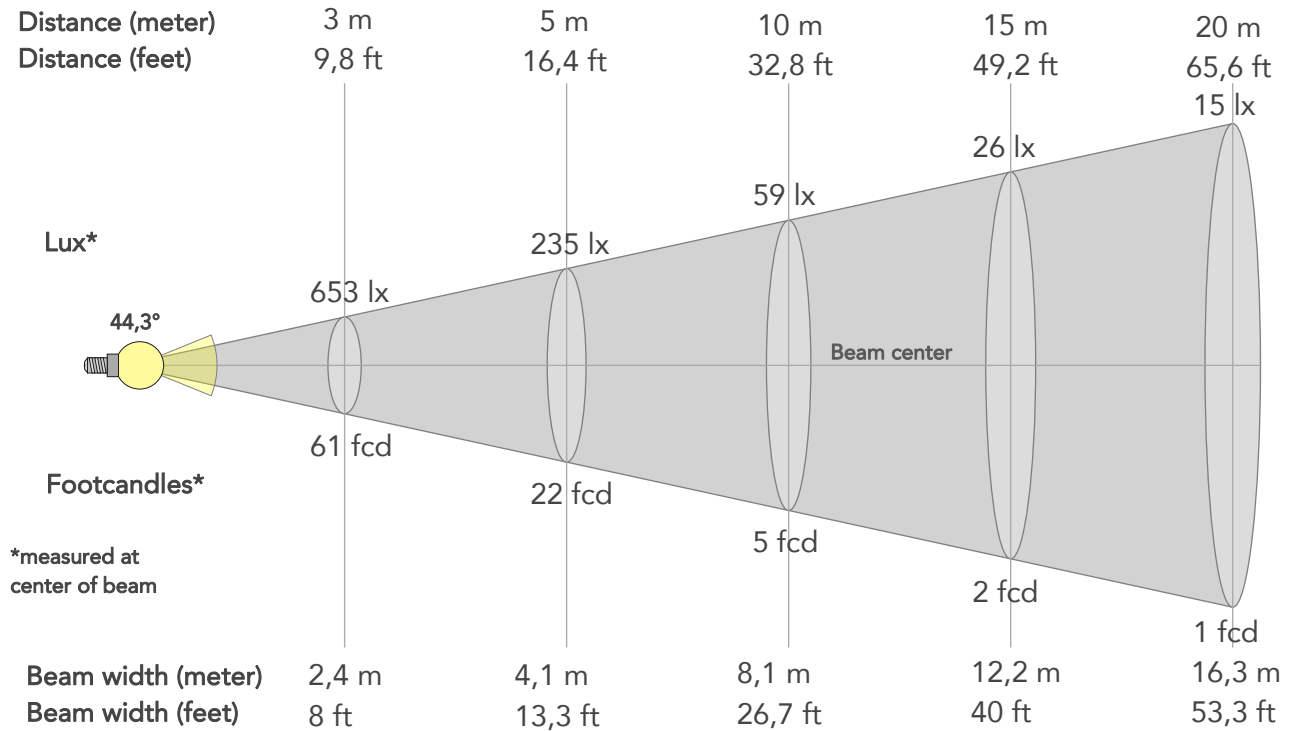
Rg 95,6
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	79	-9%	8%
3	76	-4%	12%
4	87	2%	8%
5	92	4%	5%
6	93	4%	-1%
7	87	-1%	-8%
8	92	-3%	-3%
9	88	-7%	0%
10	86	-6%	7%
11	83	-2%	12%
12	85	6%	2%
13	87	6%	-8%
14	80	4%	-16%
15	82	-2%	-11%
16	76	-10%	-15%



BEAM DETAILS

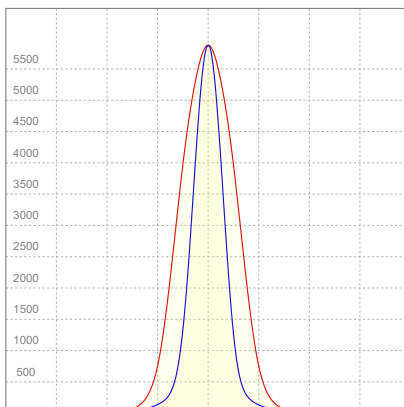
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44,3°	75,6°	103,4°	98,2%	90,9%



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	5878lx	1469lx	653lx	367lx	235lx	104lx	59lx	26lx	15lx	9lx	7lx	4lx	2lx
Footcand.	546fcd	137fcd	61fcd	34fcd	22fcd	10fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,8m	1,6m	2,4m	3,3m	4,1m	6,1m	8,1m	12,2m	16,3m	20,3m	24,4m	32,5m	40,7m
Beam wid.	2,7ft	5,4ft	8ft	10,7ft	13,3ft	20ft	26,7ft	40ft	53,3ft	66,7ft	80ft	106,7ft	133,4ft

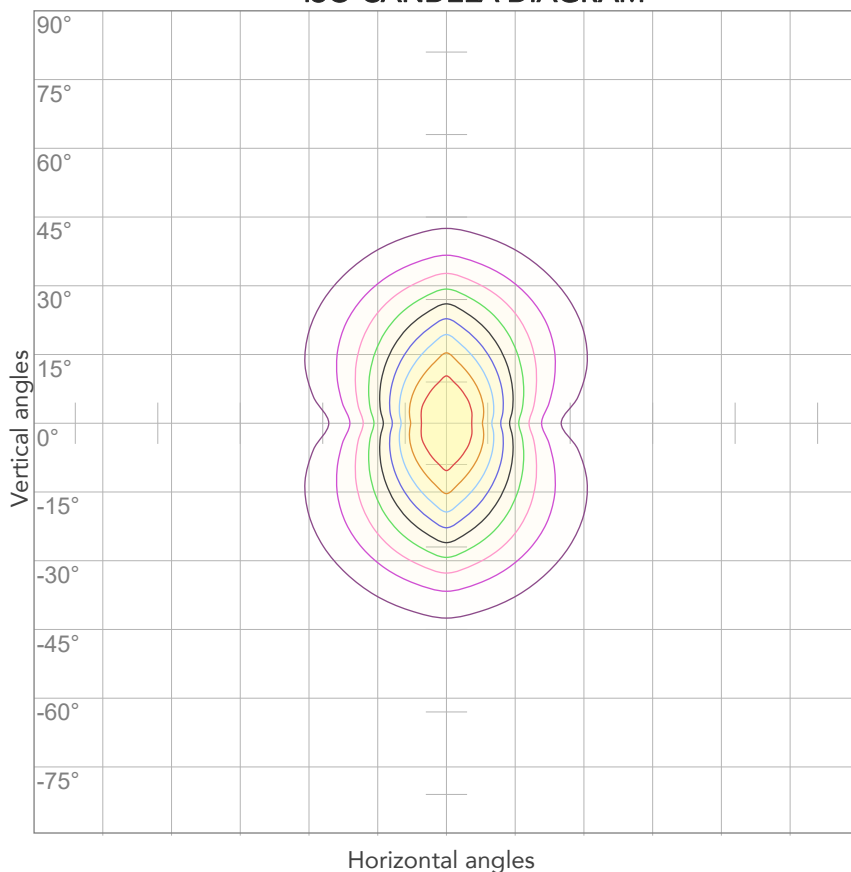
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,353A	71,4W	55lm/W

ISO CANDELA DIAGRAM



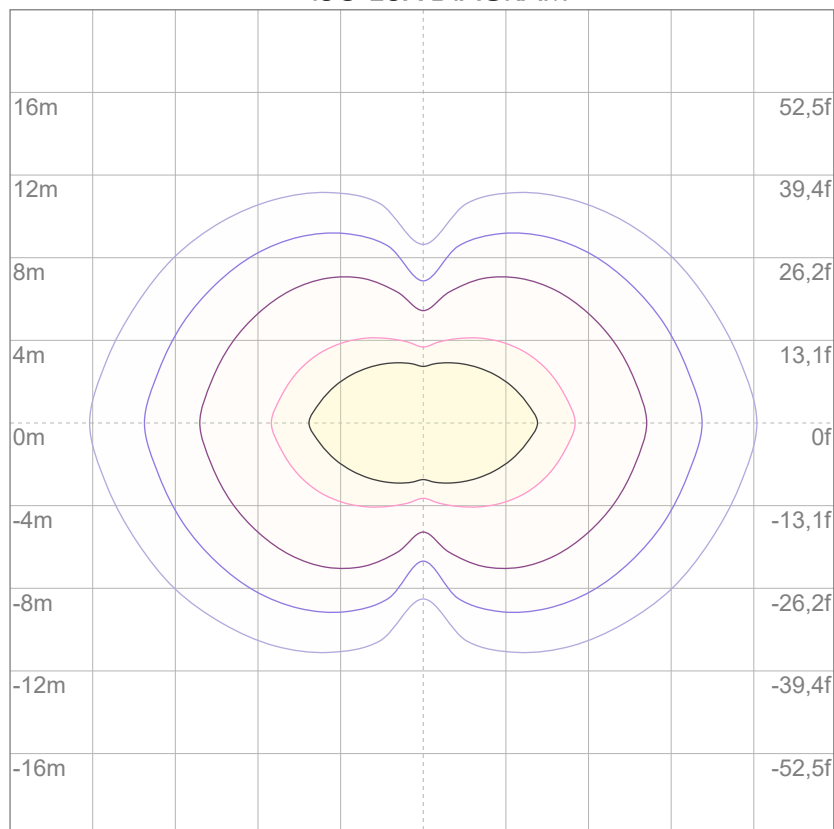
10%	588 cd
20%	1176 cd
30%	1763 cd
40%	2351 cd
50%	2939 cd
60%	3527 cd
70%	4114 cd
80%	4702 cd

Conditions:

Number of c-planes: 4

Candela at center: 5878 cd

ISO LUX DIAGRAM



3%	1,76 lx
5%	2,94 lx
10%	5,88 lx
30%	17,6 lx
50%	29,4 lx

Conditions:

Number of c-planes: 4

Lux at center: 58,8 lx

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



Total lumen output:

4711 lm

Peak candela output:

104895 cd

Light quality:

CRI: 83,9

Color temperature:

7136 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15°

Target:

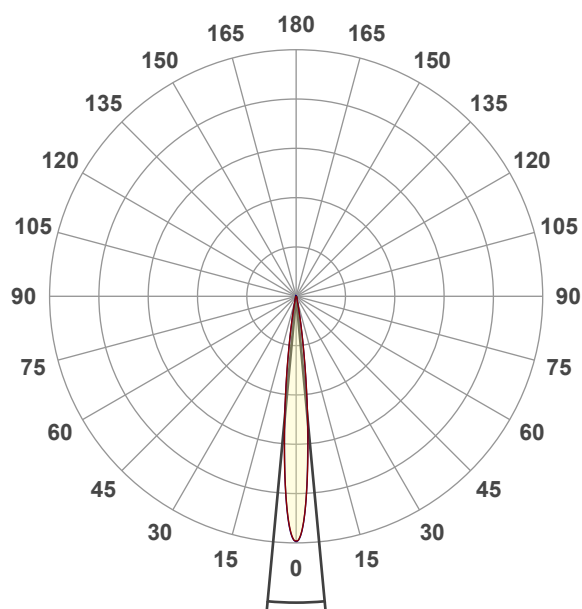
Cold White

Operator:

Nicola Savarese

Date and time:

15/07/2022 11:27:16

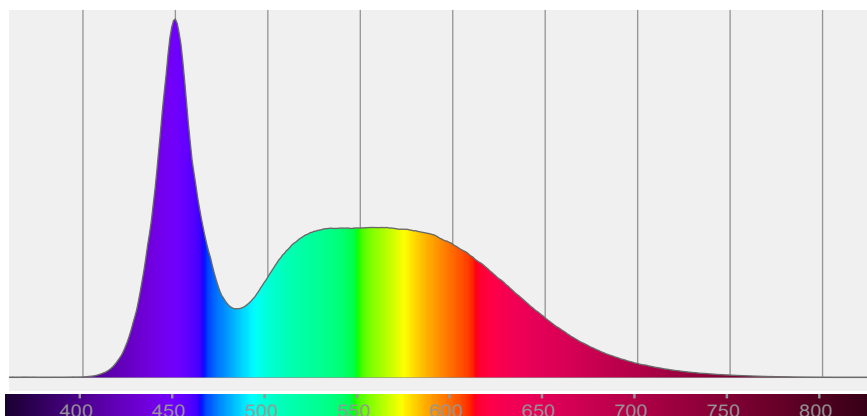


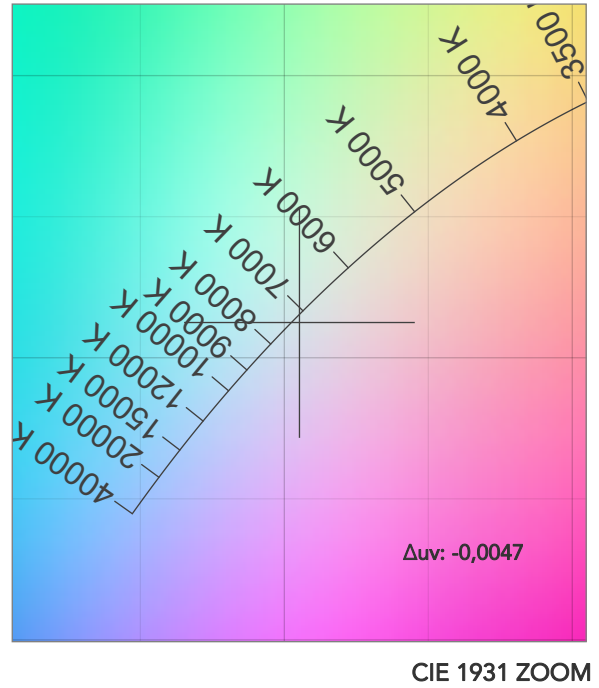
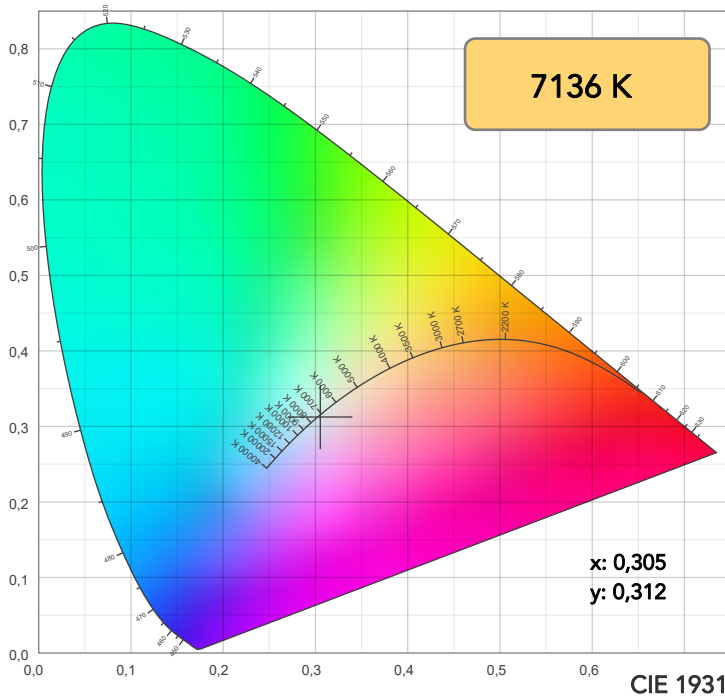
Beam angle 50%: 10,7°

Field angle 10%: 19,6°

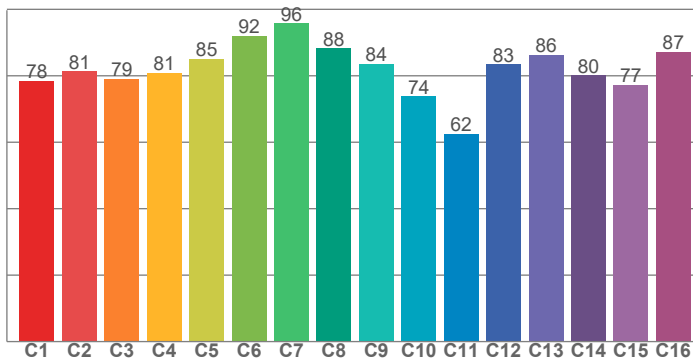
Cut off angle 2.5%: 26,9°

Spectra

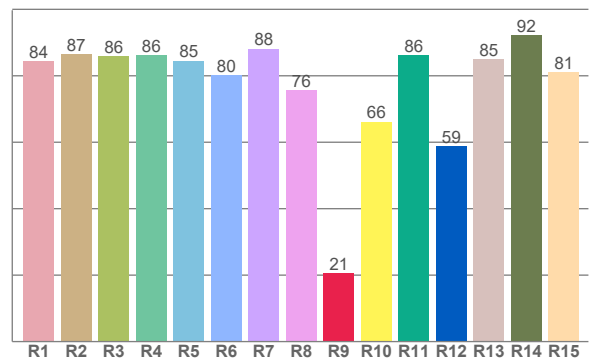




TM30: 82,3



CRI: 83,9 (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
84,3	86,6	85,9	86,2	84,6	80,1	88,1	75,6	20,6	66,2	86,1	58,7	85,0	92,2	81,0

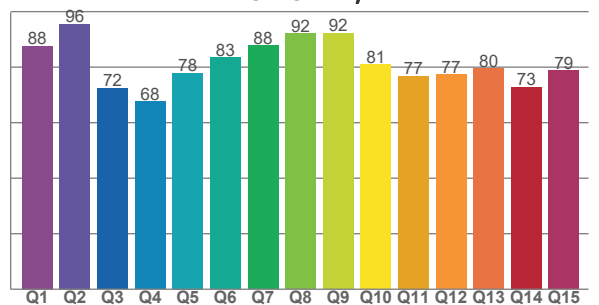
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,5	81,3	79,0	80,8	85,1	92,1	95,8	88,3	83,7	73,8	62,5	83,4	86,3	80,1	77,3	87,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87,6	95,6	72,4	67,6	77,8	83,4	87,7	92,1	92,2	80,9	76,8	77,3	79,5	72,8	78,8

CQS: 79,9



COLOR PARAMETERS

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
7136 K	83,9	20,6	82,3	97,4	79,9	71	0,305	0,312	-0,0047

TM30 DETAILS

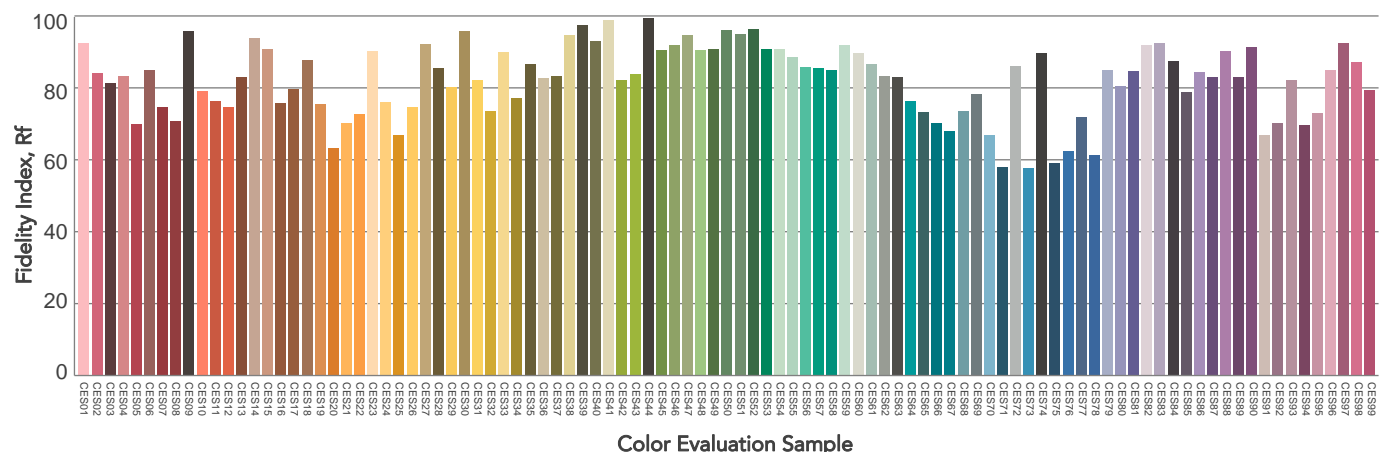
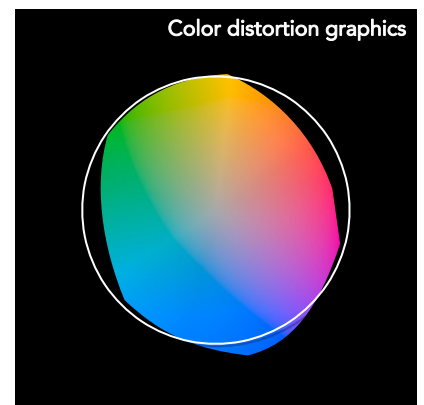
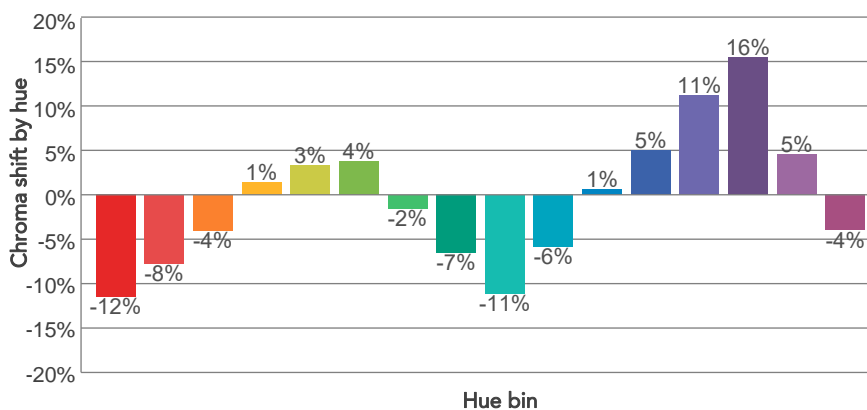
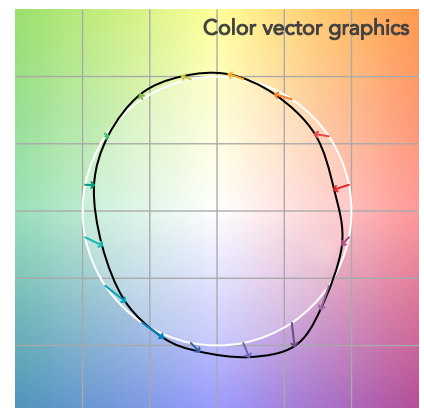
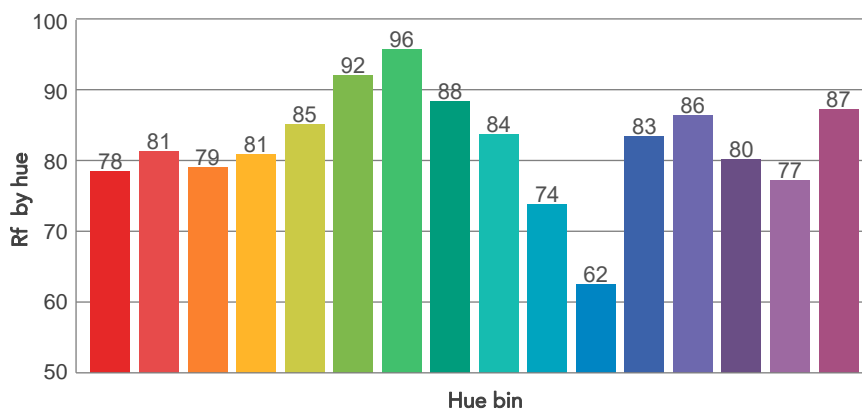
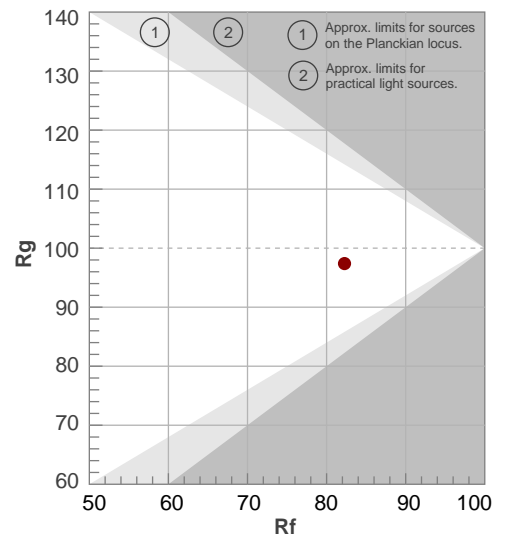
Rf 82,3

Fidelity index Rf

Rg 97,4

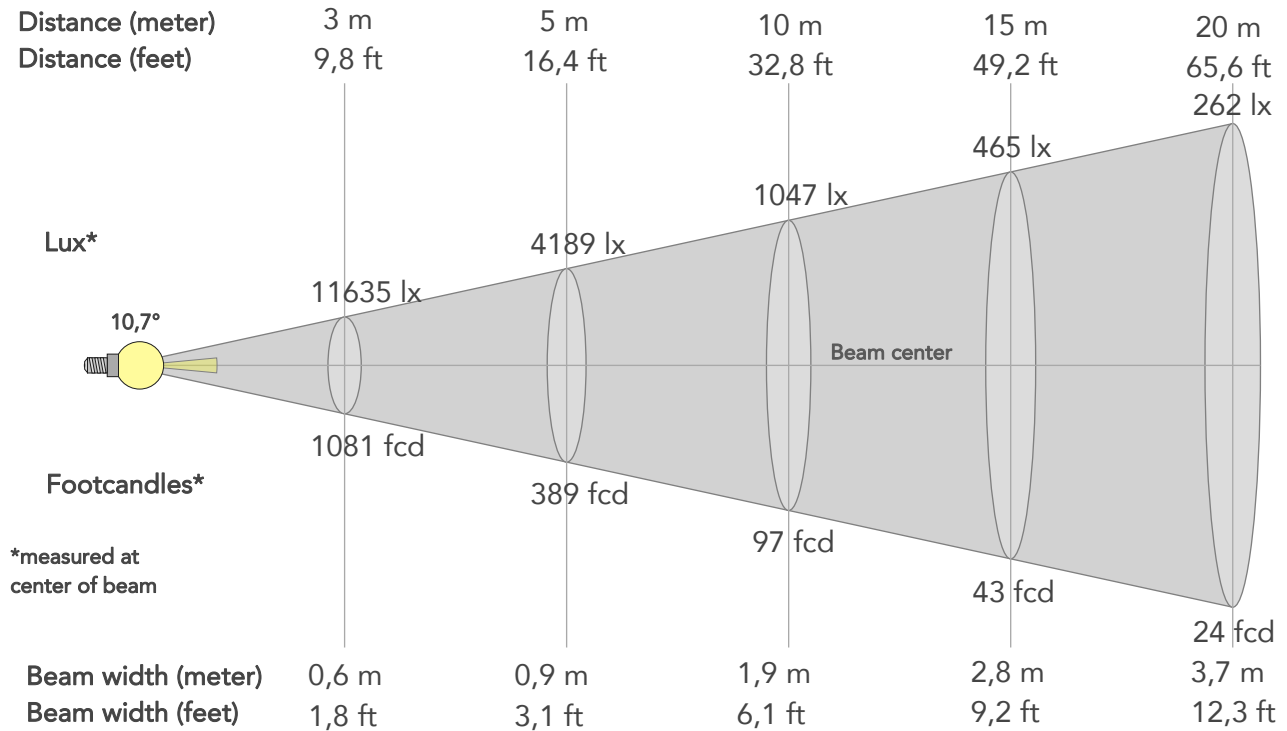
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	81	-8%	7%
3	79	-4%	12%
4	81	1%	11%
5	85	3%	6%
6	92	4%	-1%
7	96	-2%	-2%
8	88	-7%	-1%
9	84	-11%	8%
10	74	-6%	18%
11	62	1%	19%
12	83	5%	7%
13	86	11%	2%
14	80	16%	-8%
15	77	5%	-18%
16	87	-4%	-6%



BEAM DETAILS

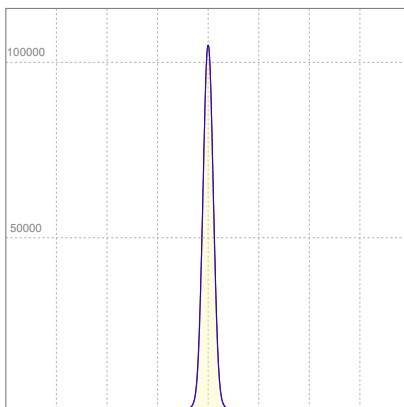
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10,7°	19,6°	26,9°	100,0%	100,0%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	104716lx	26179lx	11635lx	6545lx	4189lx	1862lx	1047lx	465lx	262lx	168lx	116lx	65lx	42lx
Footcand.	9728fcd	2432fcd	1081fcd	608fcd	389fcd	173fcd	97fcd	43fcd	24fcd	16fcd	11fcd	6fcd	4fcd
Beam wid.	0,2m	0,4m	0,6m	0,7m	0,9m	1,4m	1,9m	2,8m	3,7m	4,7m	5,6m	7,5m	9,4m
Beam wid.	0,6ft	1,2ft	1,8ft	2,5ft	3,1ft	4,6ft	6,1ft	9,2ft	12,3ft	15,3ft	18,4ft	24,5ft	30,7ft

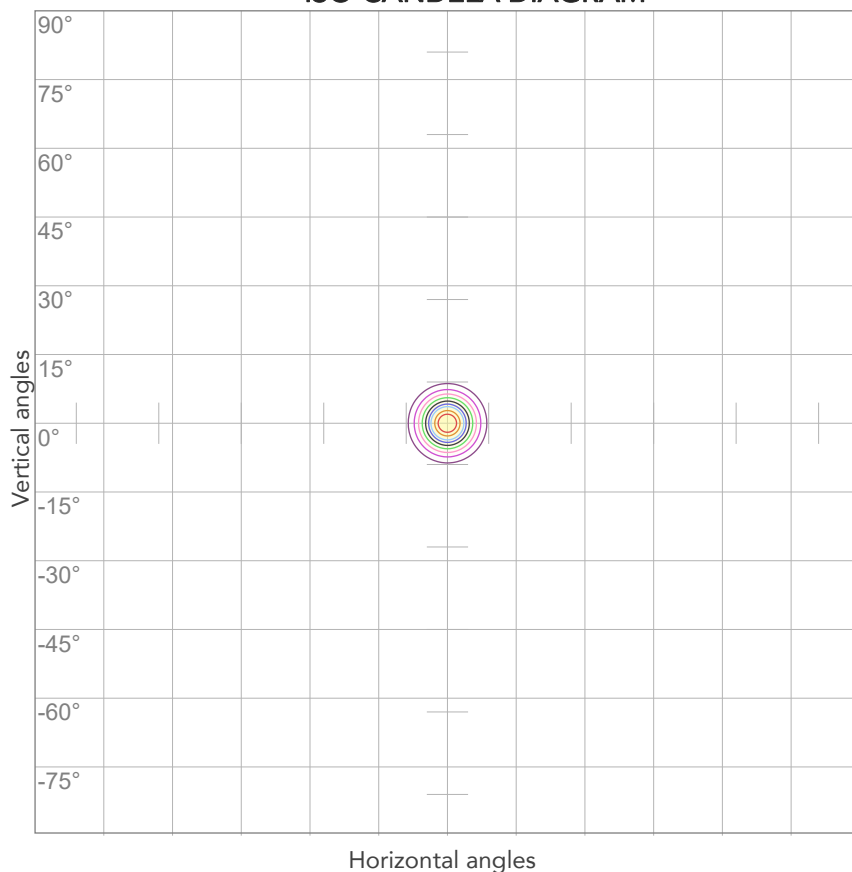
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,360A	72,7W	65lm/W

ISO CANDELA DIAGRAM



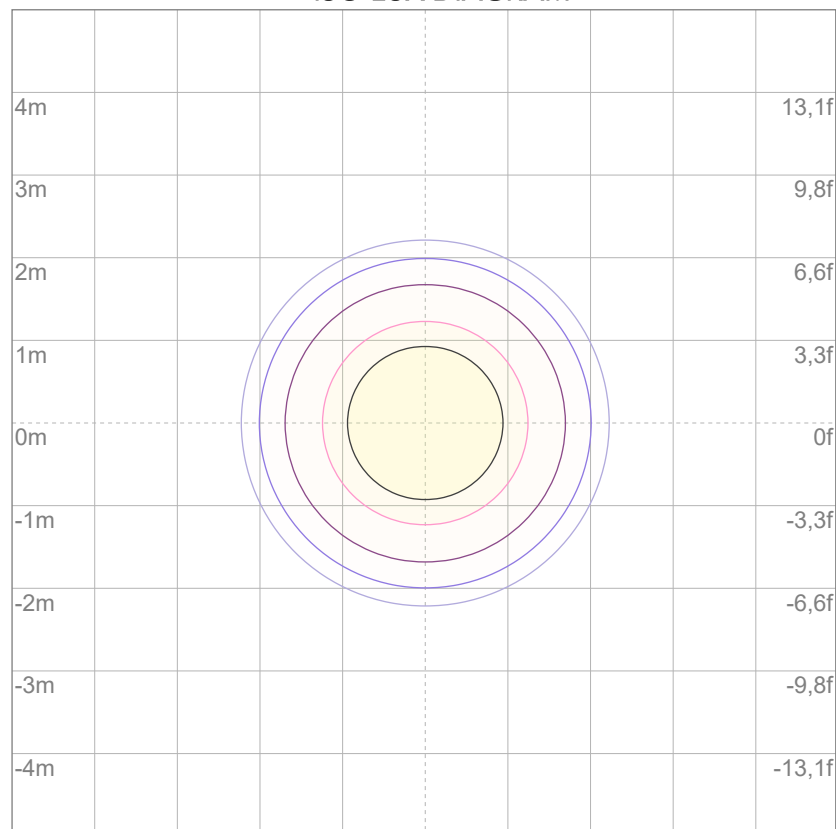
10%	10472 cd
20%	20943 cd
30%	31415 cd
40%	41886 cd
50%	52358 cd
60%	62829 cd
70%	73301 cd
80%	83773 cd

Conditions:

Number of c-planes: 4

Candela at center: 104716 cd

ISO LUX DIAGRAM



3%	31,4 lx
5%	52,4 lx
10%	105 lx
30%	314 lx
50%	524 lx

Conditions:

Number of c-planes: 4

Lux at center: 1047 lx

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



Total lumen output:

4225 lm

Peak candela output:

18621 cd

Light quality:

CRI: 83,2

Color temperature:

7082 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 20° Filter

Target:

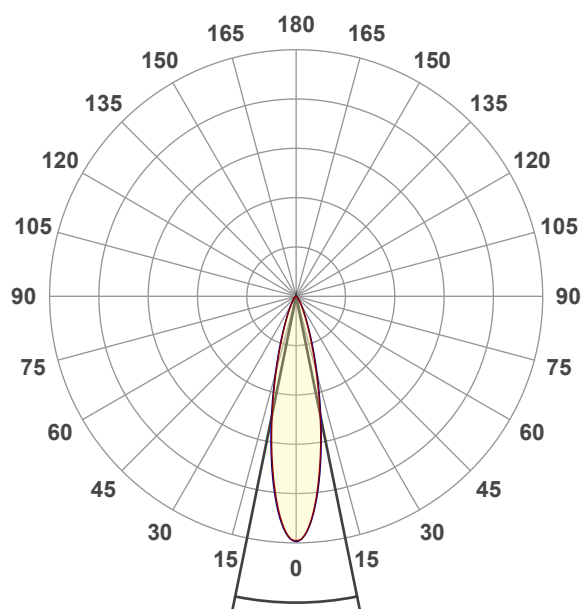
Cold White

Operator:

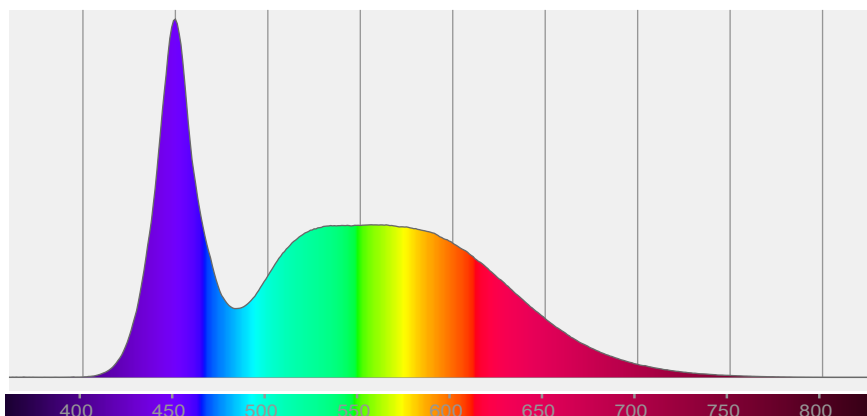
Nicola Savarese

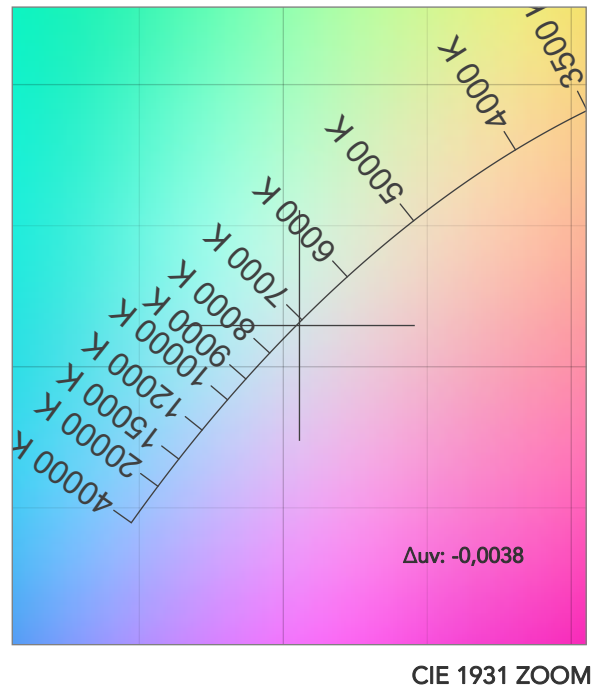
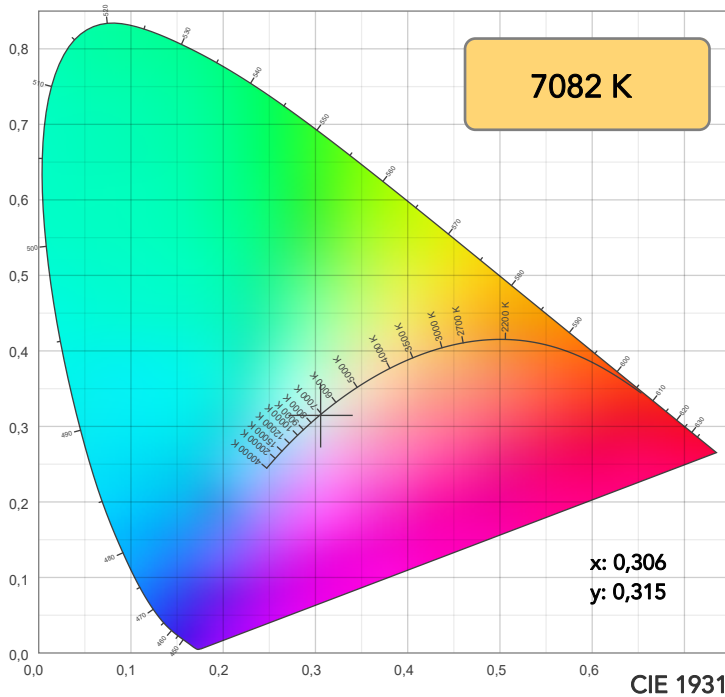
Date and time:

15/07/2022 11:49:13

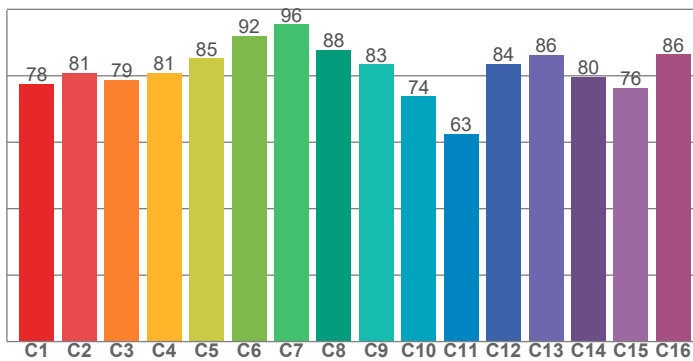


Spectra

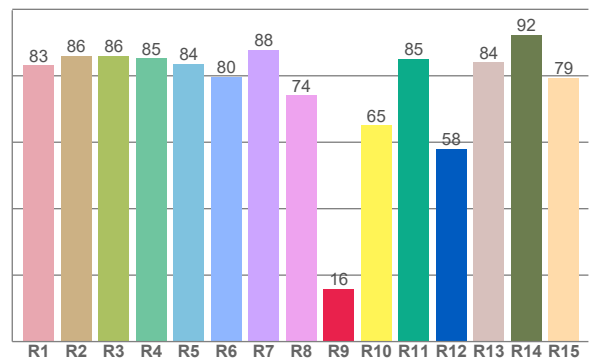




TM30: 82,0



CRI: 83,2 (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
83,2	86,1	86,0	85,3	83,6	79,7	87,8	74,1	15,9	65,1	85,1	58,0	84,0	92,3	79,4

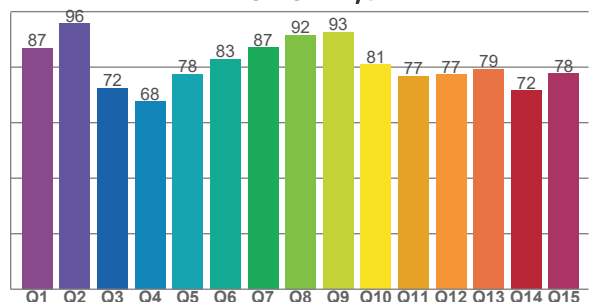
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,6	80,9	78,7	80,8	85,2	92,0	95,5	87,7	83,4	73,8	62,5	83,6	86,3	79,7	76,4	86,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,9	95,7	72,5	67,6	77,5	82,8	87,1	91,6	92,5	81,0	76,8	77,3	79,3	71,6	77,8

CQS: 79,6



COLOR PARAMETERS

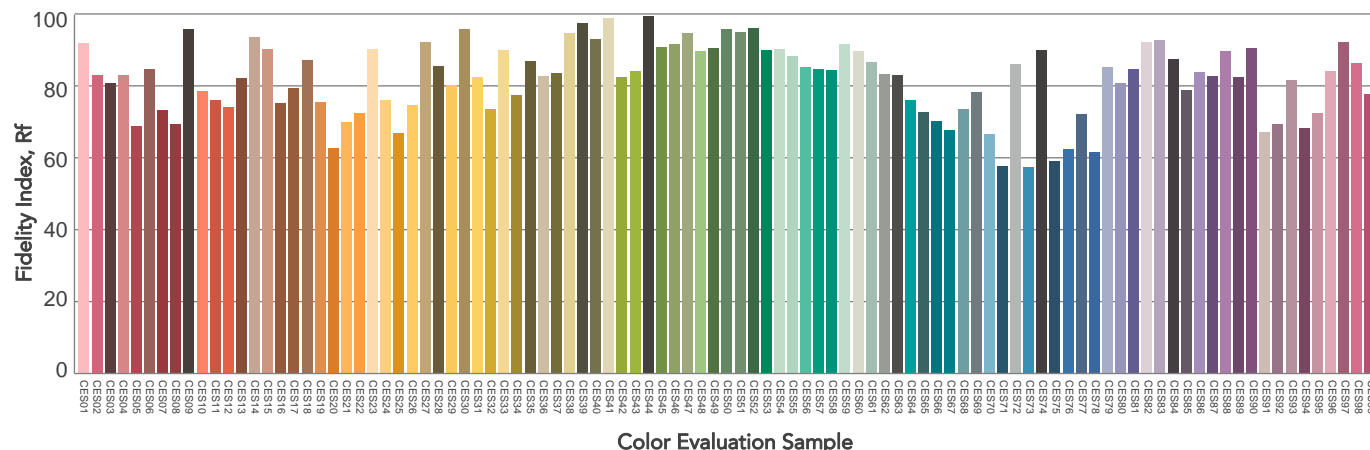
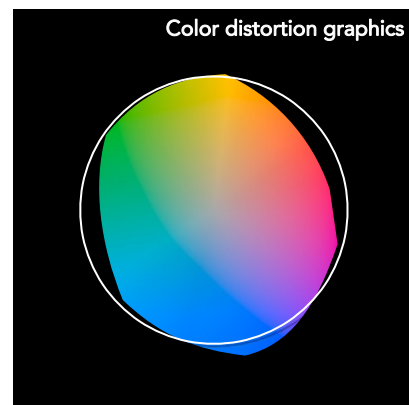
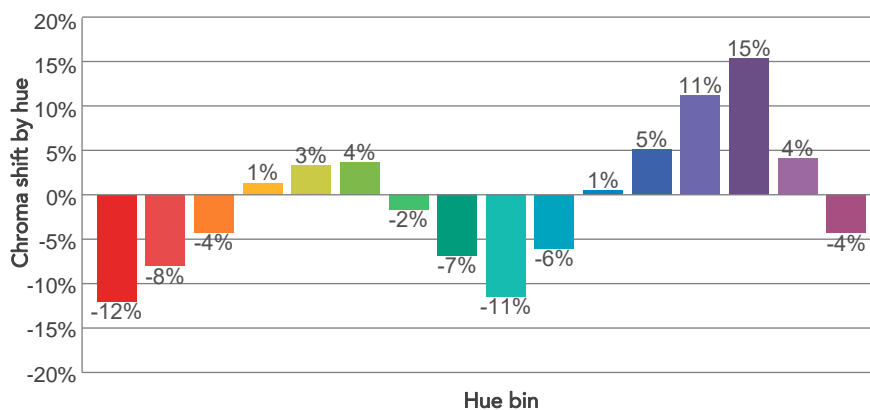
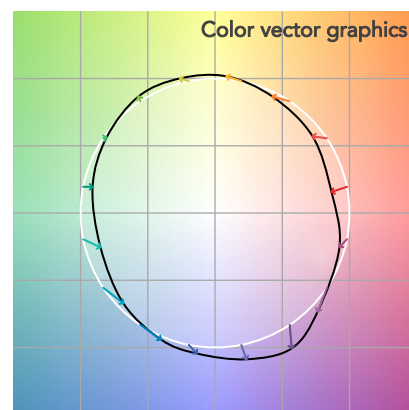
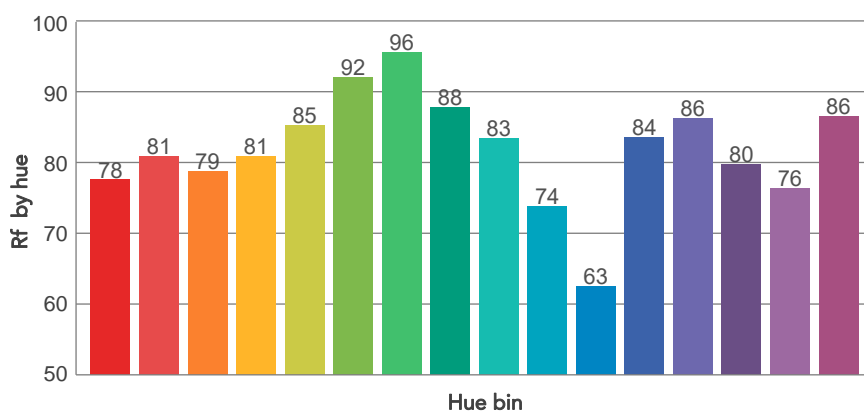
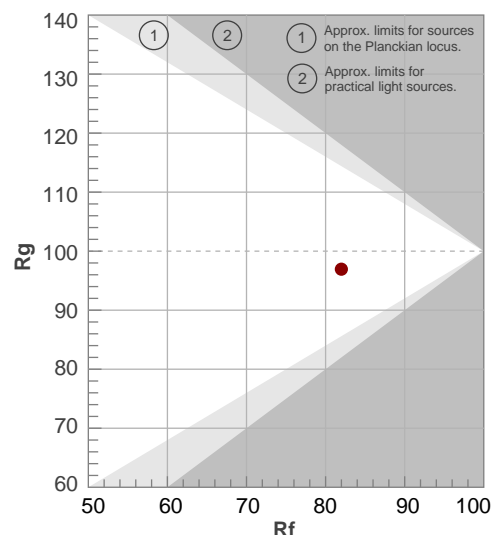
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
7082 K	83,2	15,9	82,0	96,9	79,6	70	0,306	0,315	-0,0038

TM30 DETAILS

Rf 82,0
Fidelity index Rf

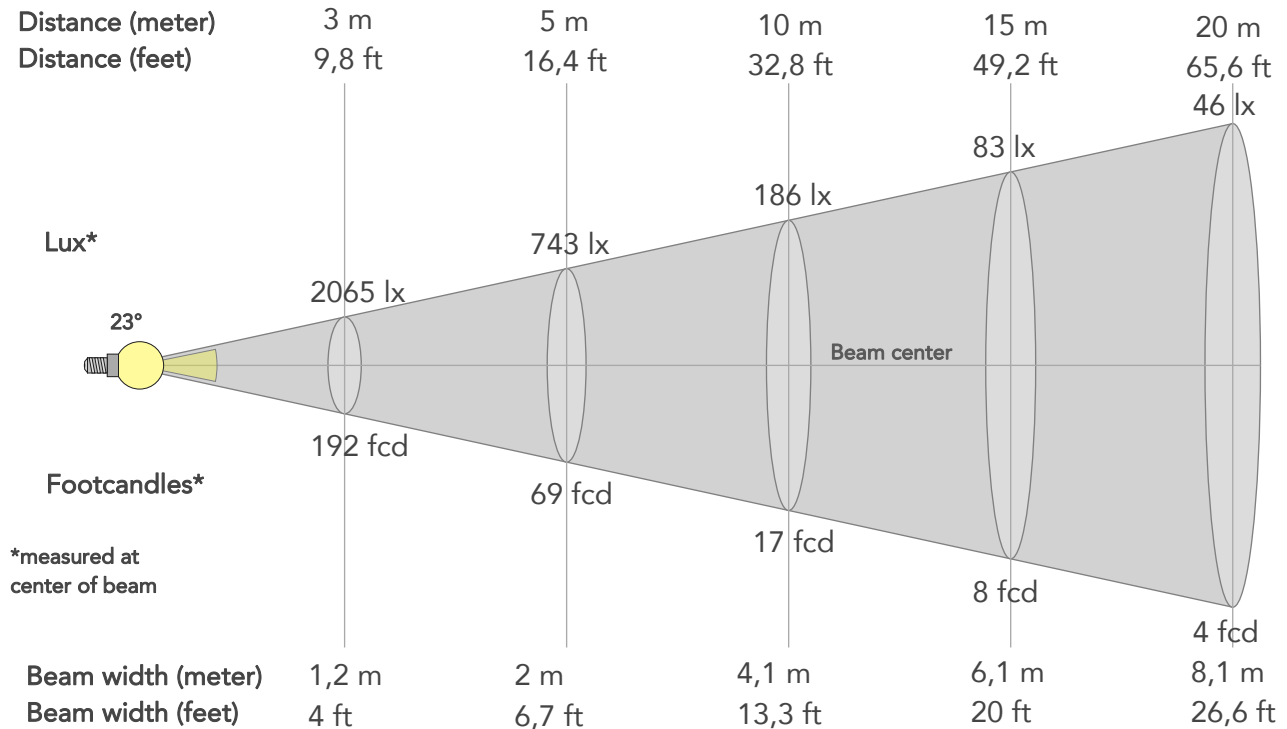
Rg 96,9
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-2%
2	81	-8%	7%
3	79	-4%	13%
4	81	1%	11%
5	85	3%	6%
6	92	4%	-1%
7	96	-2%	-2%
8	88	-7%	-1%
9	83	-11%	8%
10	74	-6%	18%
11	63	1%	19%
12	84	5%	7%
13	86	11%	2%
14	80	15%	-9%
15	76	4%	-19%
16	86	-4%	-7%



BEAM DETAILS

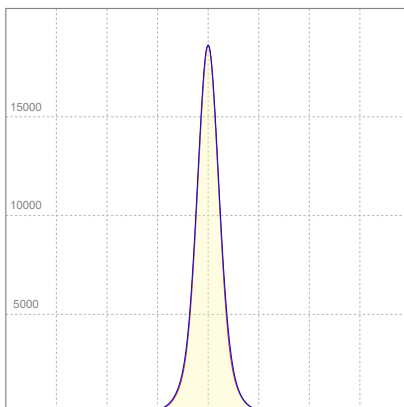
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
23°	46,7°	69,2°	99,8%	97,4%



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	18585lx	4646lx	2065lx	1162lx	743lx	330lx	186lx	83lx	46lx	30lx	21lx	12lx	7lx
Footcand.	1727fcd	432fcd	192fcd	108fcd	69fcd	31fcd	17fcd	8fcd	4fcd	3fcd	2fcd	1fcd	1fcd
Beam wid.	0,4m	0,8m	1,2m	1,6m	2m	3m	4,1m	6,1m	8,1m	10,2m	12,2m	16,2m	20,3m
Beam wid.	1,3ft	2,7ft	4ft	5,3ft	6,7ft	10ft	13,3ft	20ft	26,6ft	33,3ft	40ft	53,3ft	66,6ft

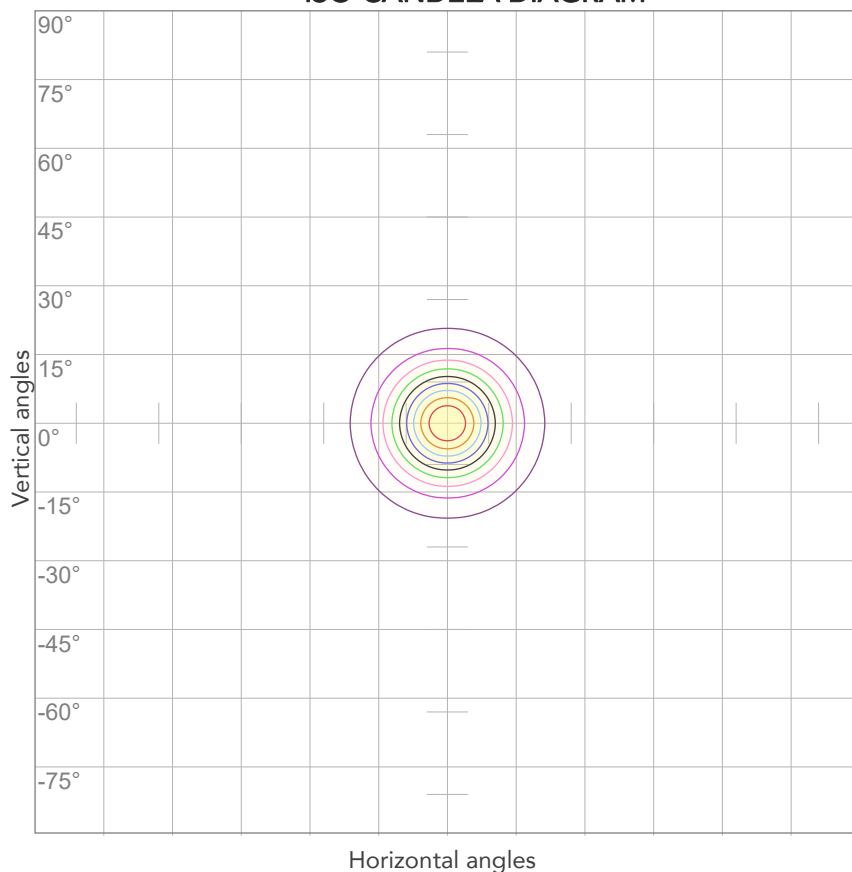
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,360A	72,7W	58lm/W

ISO CANDELA DIAGRAM



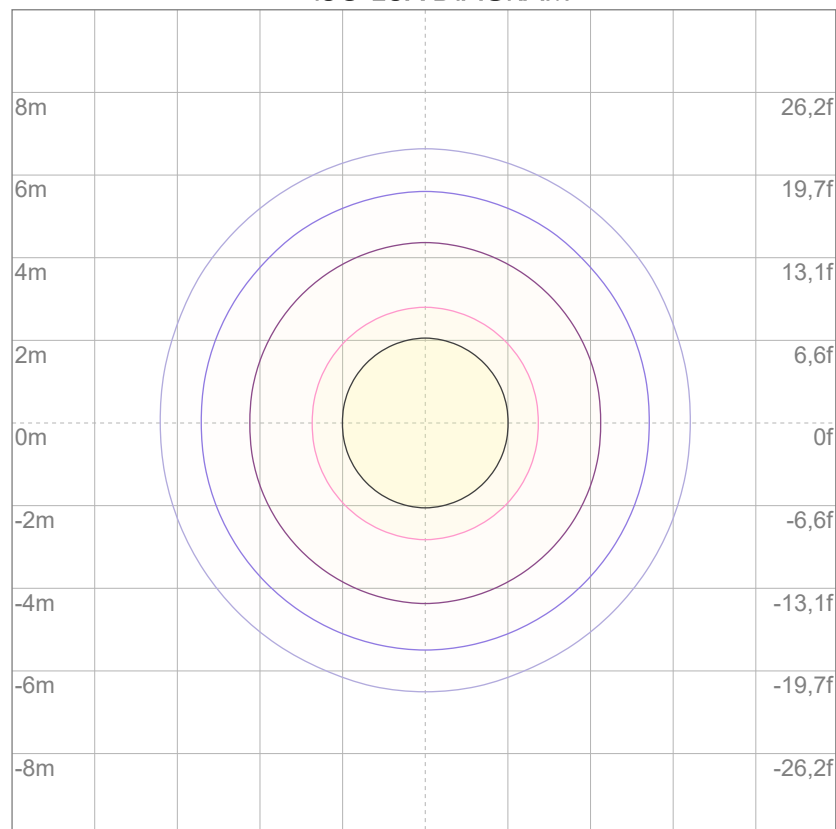
10%	1859 cd
20%	3717 cd
30%	5576 cd
40%	7434 cd
50%	9293 cd
60%	11151 cd
70%	13010 cd
80%	14868 cd

Conditions:

Number of c-planes: 4

Candela at center: 18585 cd

ISO LUX DIAGRAM



3%	5,58 lx
5%	9,29 lx
10%	18,6 lx
30%	55,8 lx
50%	92,9 lx

Conditions:

Number of c-planes: 4

Lux at center: 186 lx

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



Total lumen output:

4298 lm

Peak candela output:

11402 cd

Light quality:

CRI: 83,1

Color temperature:

7073 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 30° Filter

Target:

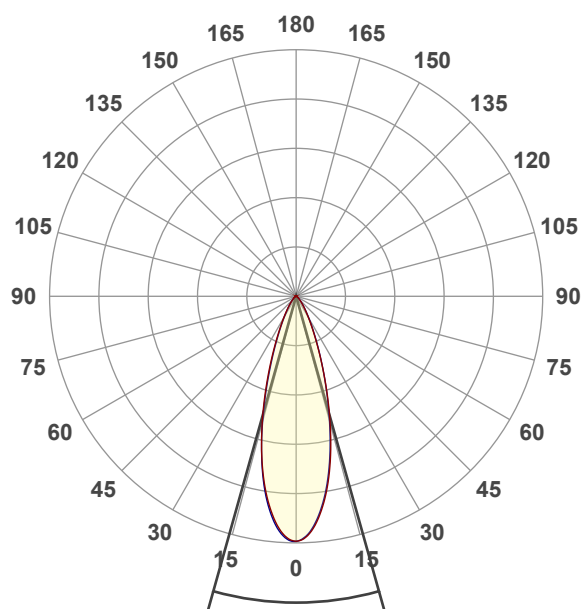
Cold White

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:05:22

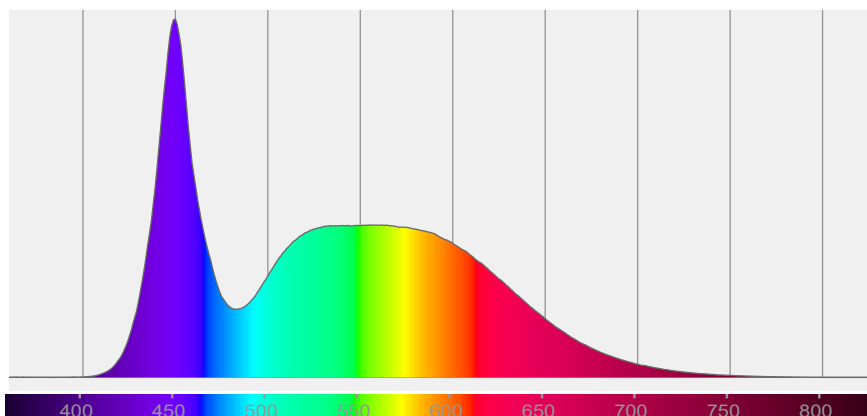


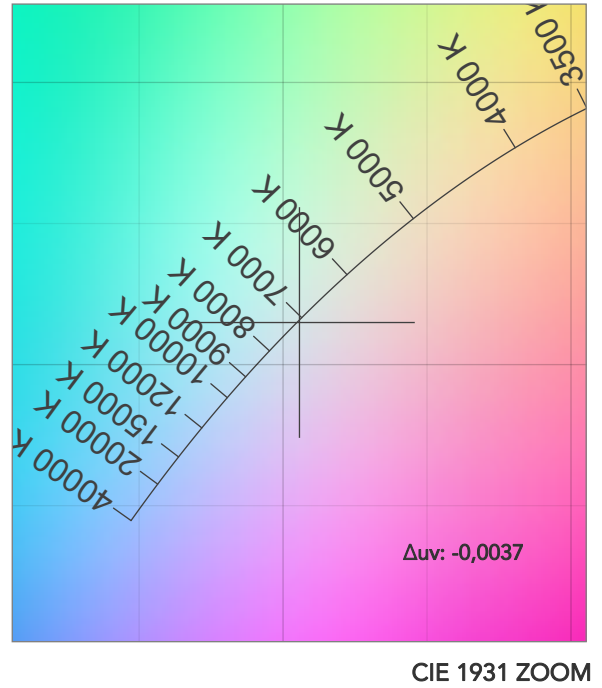
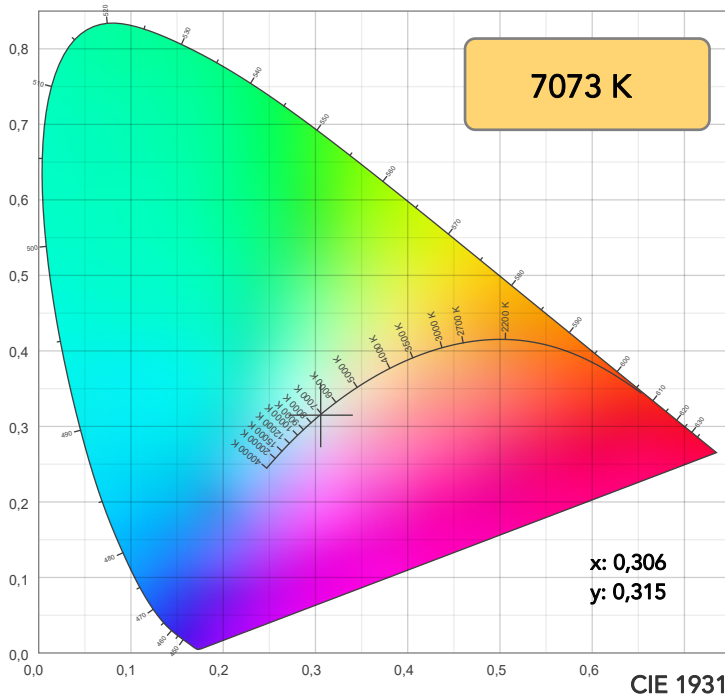
Beam angle 50%: 31,4°

Field angle 10%: 60,1°

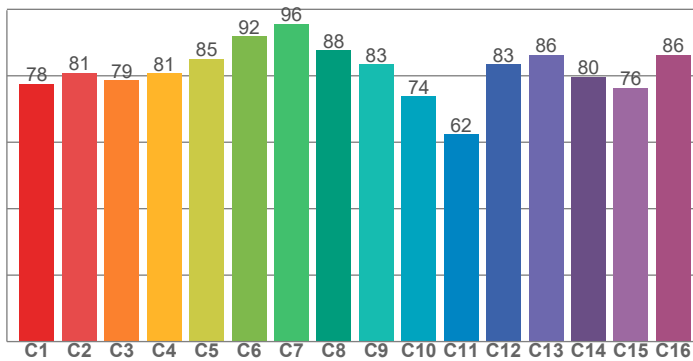
Cut off angle 2.5%: 85,9°

Spectra

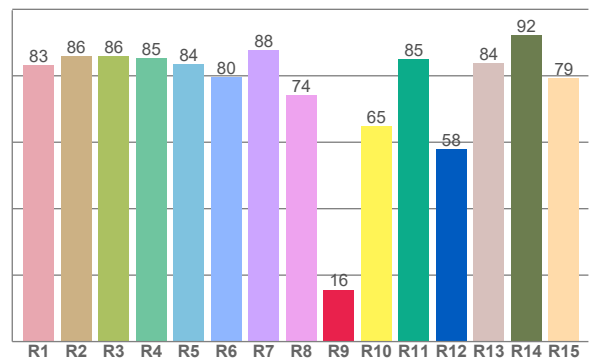




TM30: 81,9



CRI: 83,1 (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
83,1	85,9	85,9	85,2	83,5	79,6	87,7	74,1	15,6	64,8	85,1	57,9	83,9	92,2	79,3

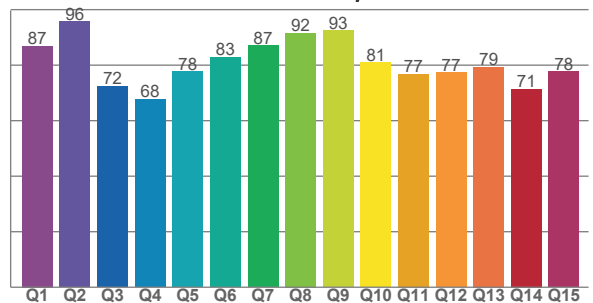
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,5	80,9	78,6	80,7	85,1	91,9	95,6	87,7	83,5	73,8	62,4	83,5	86,3	79,7	76,4	86,4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,9	95,7	72,4	67,7	77,6	82,9	87,0	91,6	92,5	80,9	76,8	77,3	79,3	71,5	77,7

CQS: 79,6



COLOR PARAMETERS

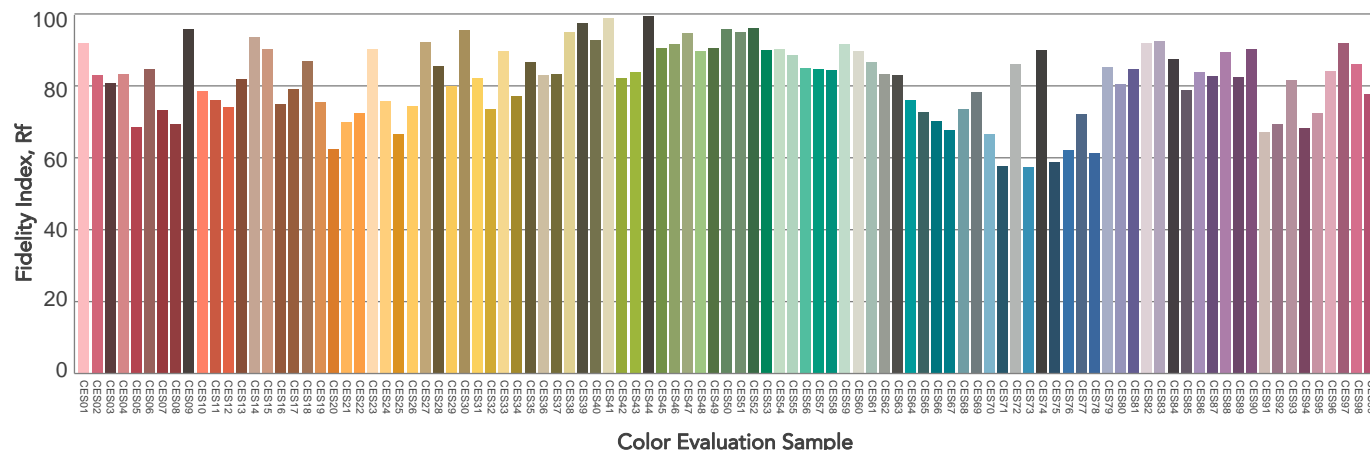
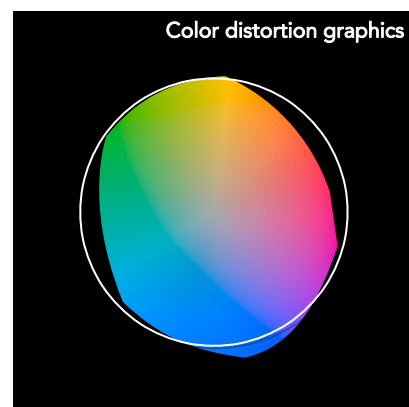
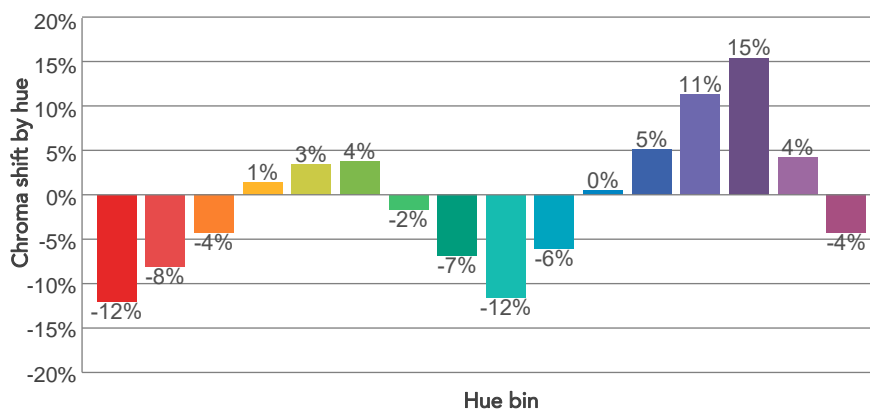
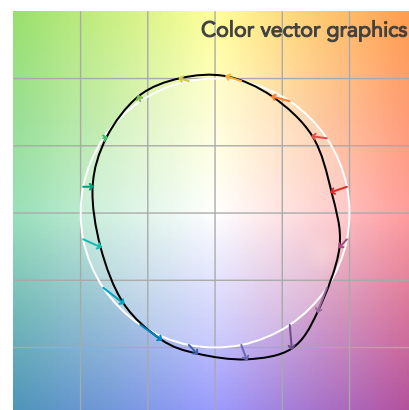
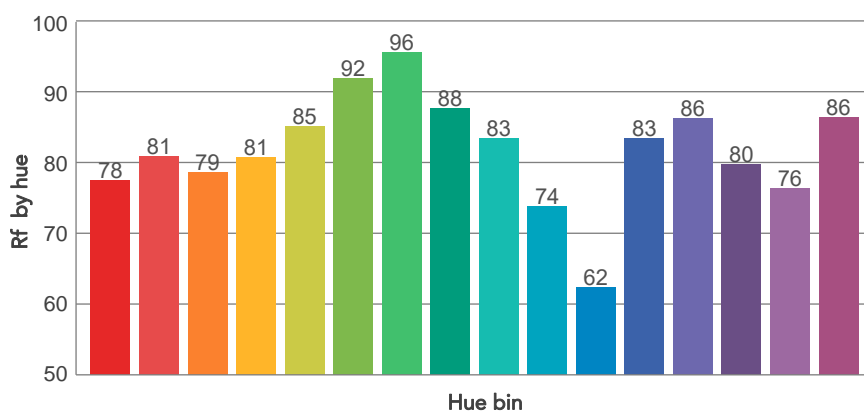
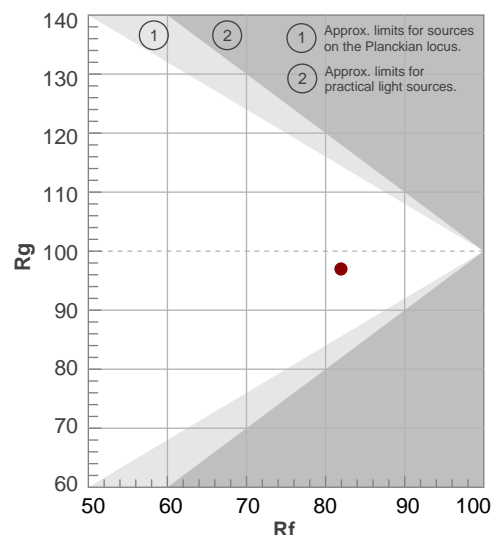
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
7073 K	83,1	15,6	81,9	97,0	79,6	70	0,306	0,315	-0,0037

TM30 DETAILS

Rf 81,9
Fidelity index Rf

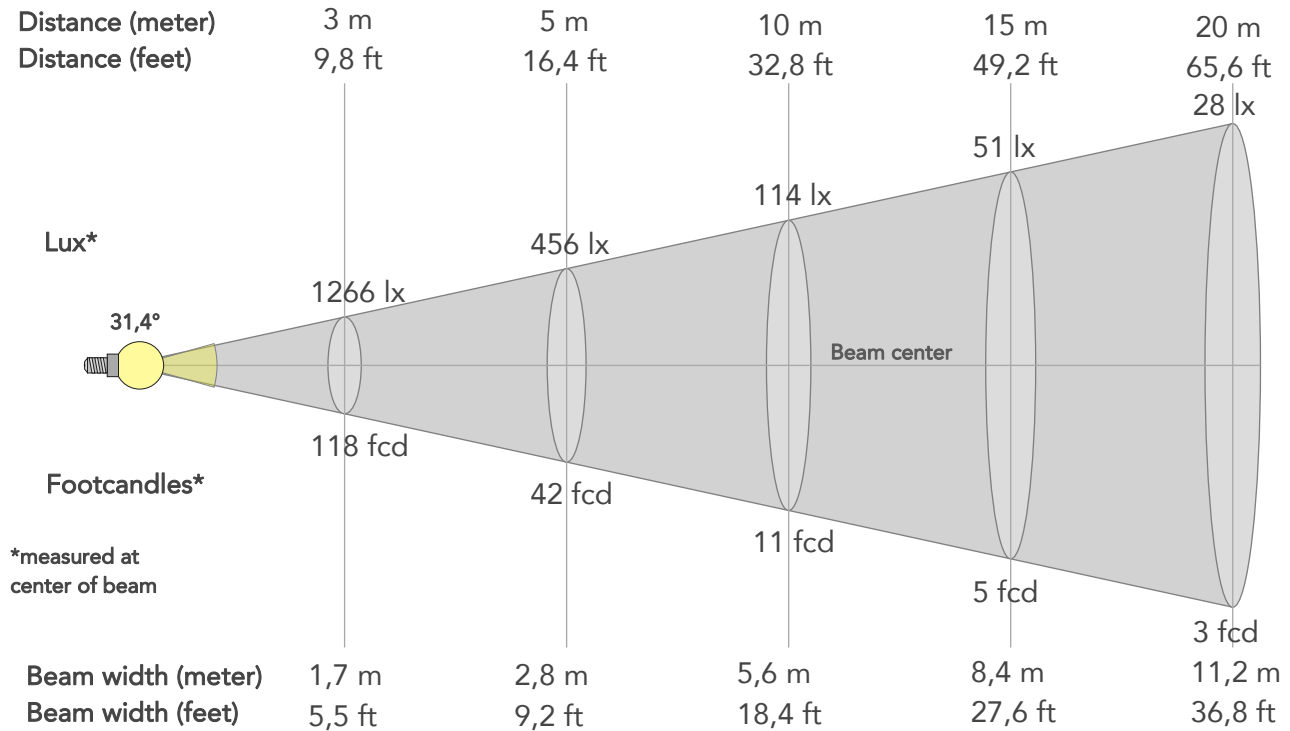
Rg 97,0
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-2%
2	81	-8%	7%
3	79	-4%	13%
4	81	1%	12%
5	85	3%	6%
6	92	4%	-1%
7	96	-2%	-2%
8	88	-7%	-1%
9	83	-12%	8%
10	74	-6%	18%
11	62	0%	19%
12	83	5%	7%
13	86	11%	2%
14	80	15%	-9%
15	76	4%	-19%
16	86	-4%	-7%



BEAM DETAILS

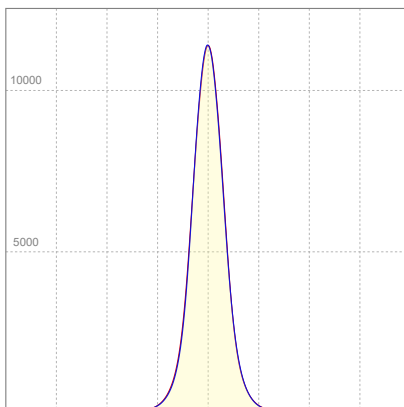
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
31,4°	60,1°	85,9°	99,2%	95,4%



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	11393lx	2848lx	1266lx	712lx	456lx	203lx	114lx	51lx	28lx	18lx	13lx	7lx	5lx
Footcand.	1058fcd	265fcd	118fcd	66fcd	42fcd	19fcd	11fcd	5fcd	3fcd	2fcd	1fcd	1fcd	0fcd
Beam wid.	0,6m	1,1m	1,7m	2,2m	2,8m	4,2m	5,6m	8,4m	11,2m	14m	16,8m	22,5m	28,1m
Beam wid.	1,9ft	3,7ft	5,5ft	7,4ft	9,2ft	13,8ft	18,4ft	27,6ft	36,8ft	46,1ft	55,3ft	73,7ft	92,1ft

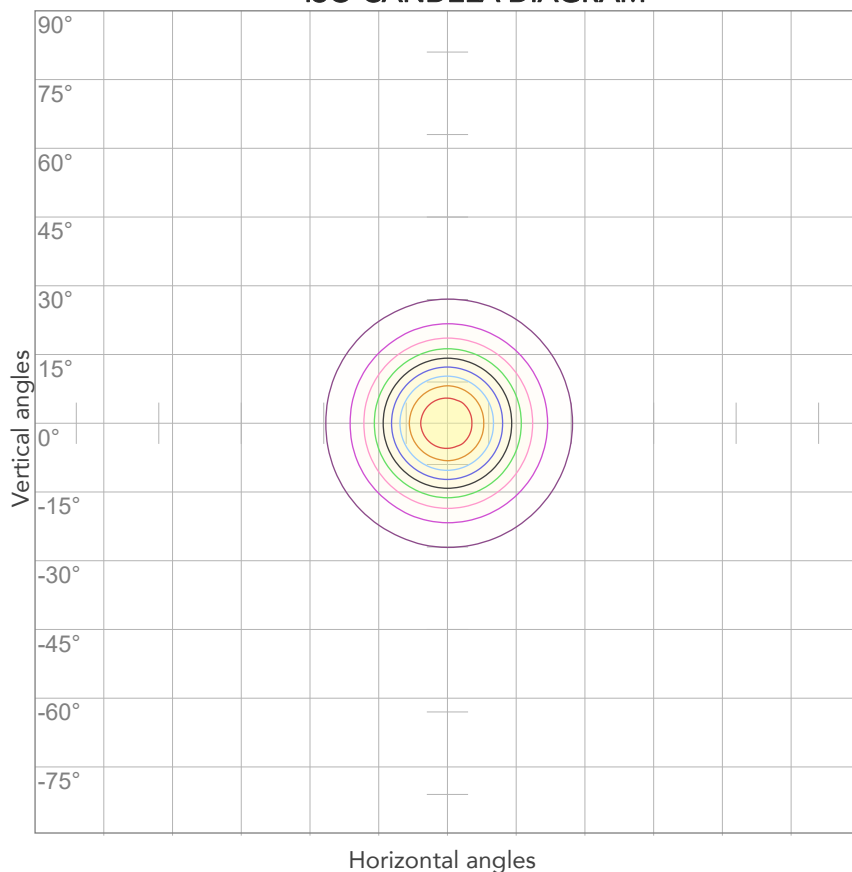
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,362A	73,0W	59lm/W

ISO CANDELA DIAGRAM



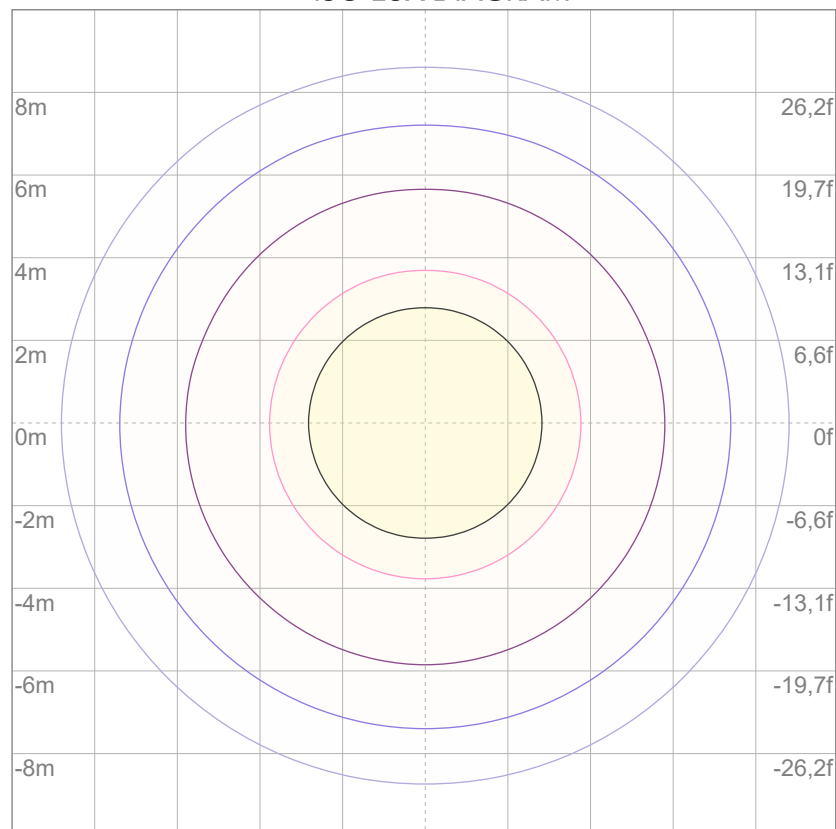
10%	1139 cd
20%	2279 cd
30%	3418 cd
40%	4557 cd
50%	5696 cd
60%	6836 cd
70%	7975 cd
80%	9114 cd

Conditions:

Number of c-planes: 4

Candela at center: 11393 cd

ISO LUX DIAGRAM



3%	3,42 lx
5%	5,70 lx
10%	11,4 lx
30%	34,2 lx
50%	57,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 114 lx

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



Total lumen output:

4328 lm

Peak candela output:

5595 cd

Light quality:

CRI: 83,0

Color temperature:

7089 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 40° Filter

Target:

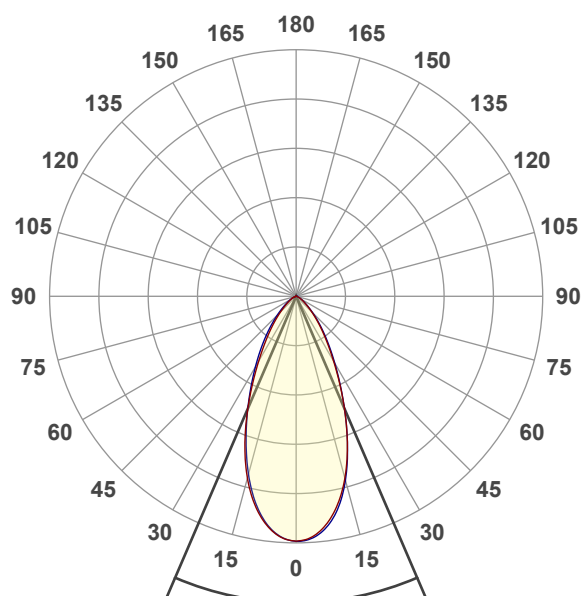
Cold White

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:24:59

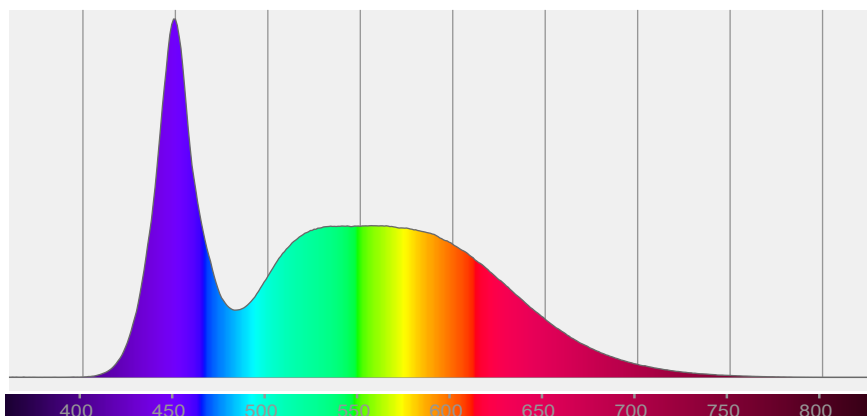


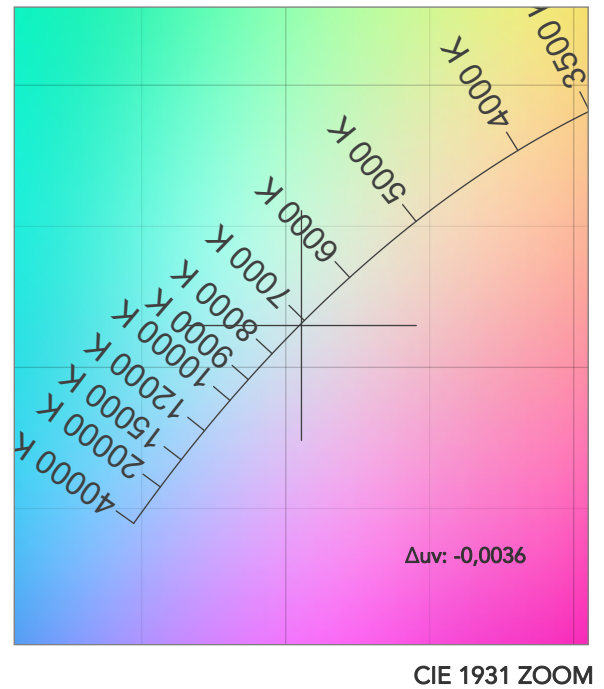
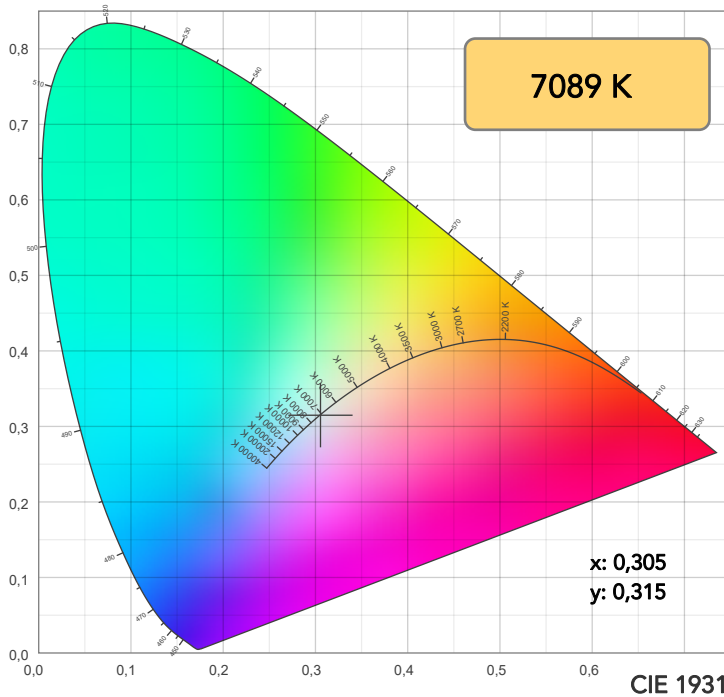
Beam angle 50%: 46,5°

Field angle 10%: 89,1°

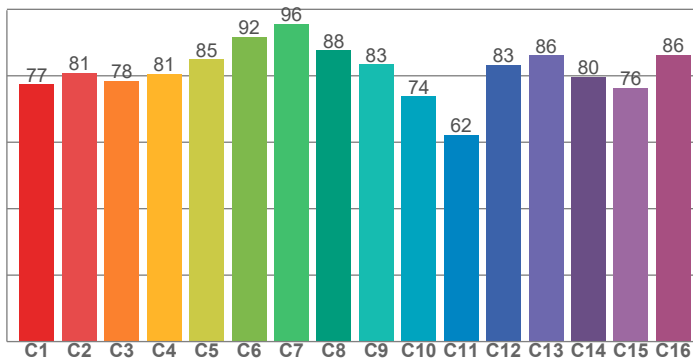
Cut off angle 2.5%: 119,2°

Spectra

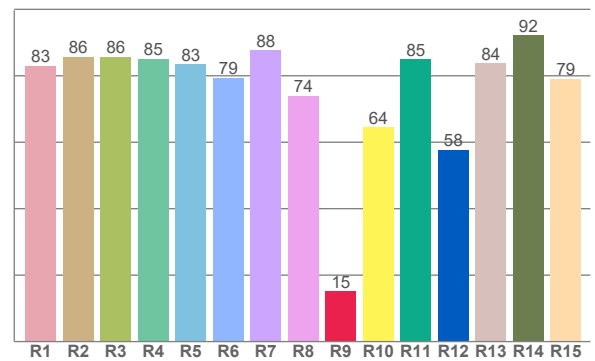




TM30: 81,9



CRI: 83,0 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83,0	85,7	85,7	85,2	83,5	79,4	87,6	74,0	15,1	64,5	85,0	57,8	83,7	92,2	79,1

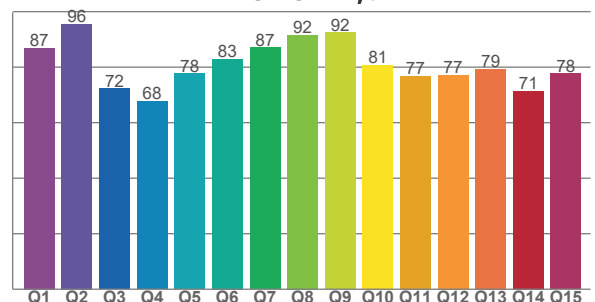
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,5	80,8	78,5	80,6	85,0	91,8	95,6	87,7	83,5	73,8	62,1	83,3	86,2	79,6	76,3	86,3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,9	95,6	72,3	67,7	77,7	82,9	87,0	91,6	92,5	80,8	76,7	77,2	79,3	71,4	77,6

CQS: 79,6



COLOR PARAMETERS

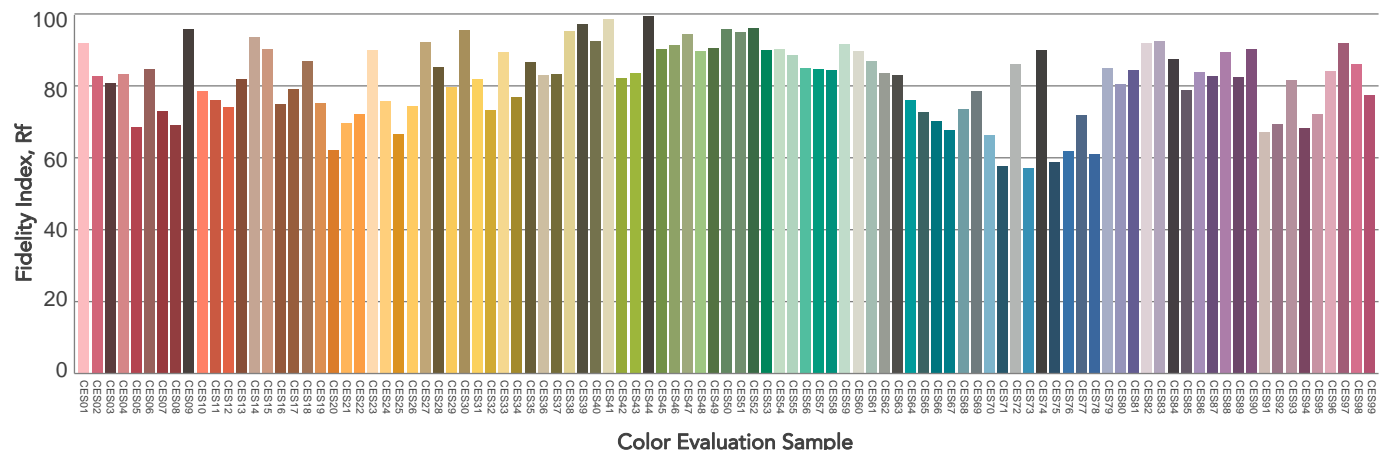
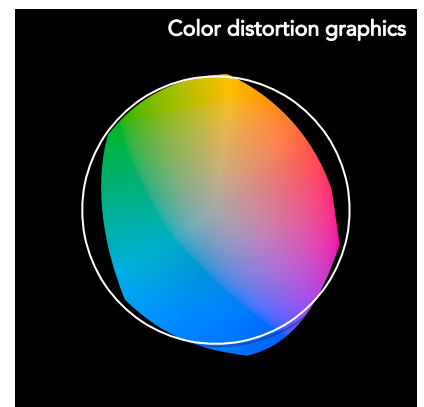
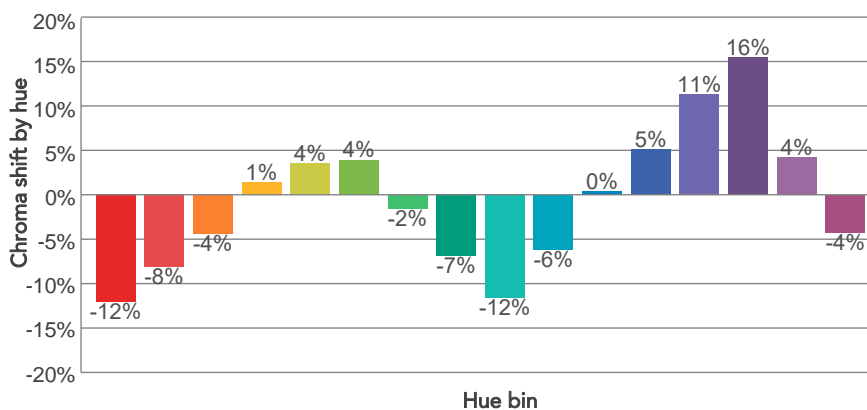
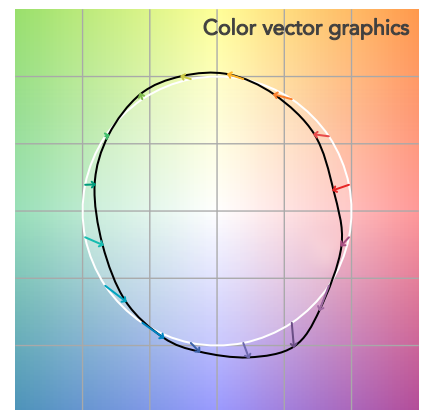
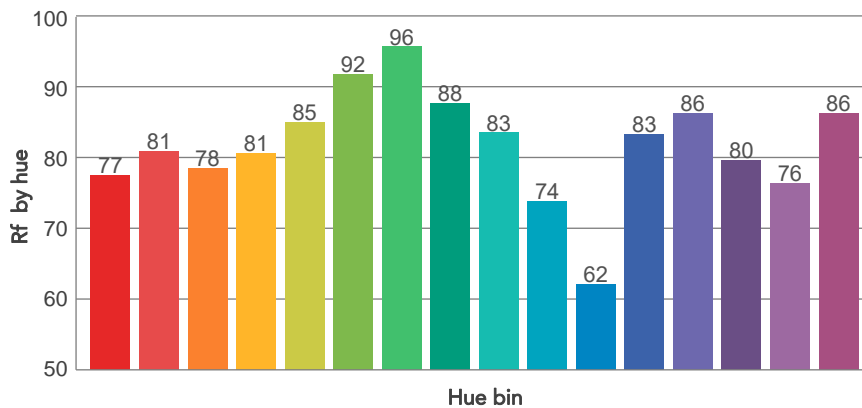
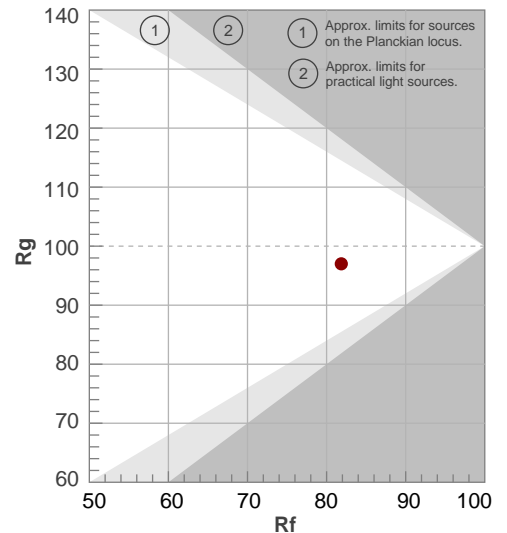
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
7089 K	83,0	15,1	81,9	97,0	79,6	70	0,305	0,315	-0,0036

TM30 DETAILS

Rf 81,9
Fidelity index Rf

Rg 97,0
Gammut index

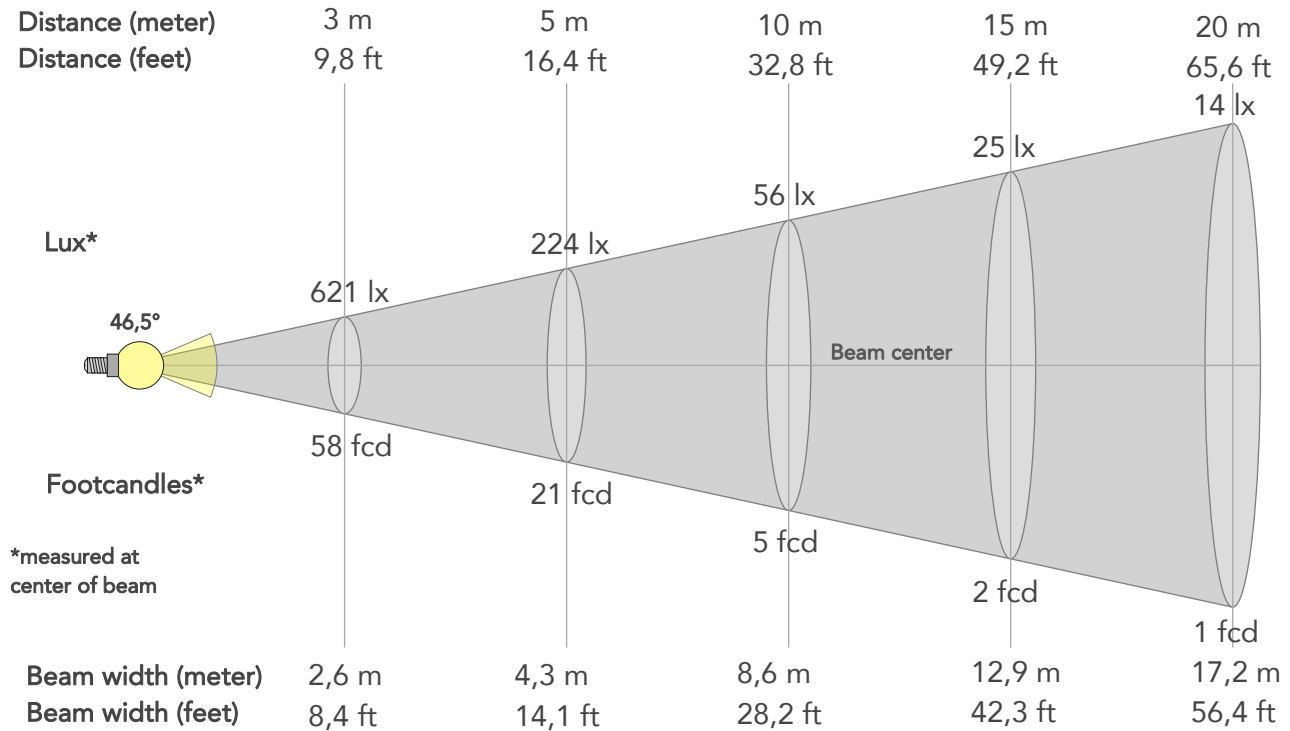
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	77	-12%	-2%
2	81	-8%	7%
3	78	-4%	13%
4	81	1%	12%
5	85	4%	6%
6	92	4%	-1%
7	96	-2%	-2%
8	88	-7%	-2%
9	83	-12%	8%
10	74	-6%	18%
11	62	0%	19%
12	83	5%	7%
13	86	11%	2%
14	80	16%	-8%
15	76	4%	-19%
16	86	-4%	-7%



BEAM DETAILS



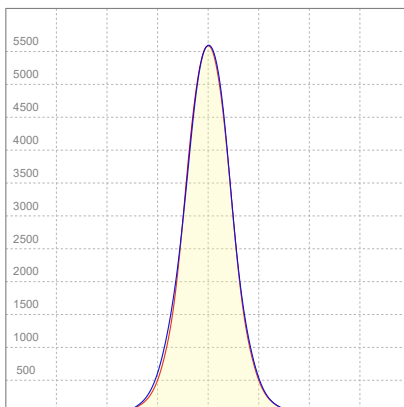
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
46,5°	89,1°	119,2°	97,5%	89,0%



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	5588lx	1397lx	621lx	349lx	224lx	99lx	56lx	25lx	14lx	9lx	6lx	3lx	2lx
Footcand.	519fcd	130fcd	58fcd	32fcd	21fcd	9fcd	5fcd	2fcd	1fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,9m	1,7m	2,6m	3,4m	4,3m	6,5m	8,6m	12,9m	17,2m	21,5m	25,8m	34,4m	43m
Beam wid.	2,8ft	5,7ft	8,4ft	11,3ft	14,1ft	21,2ft	28,2ft	42,3ft	56,4ft	70,5ft	84,6ft	112,8ft	141,1ft

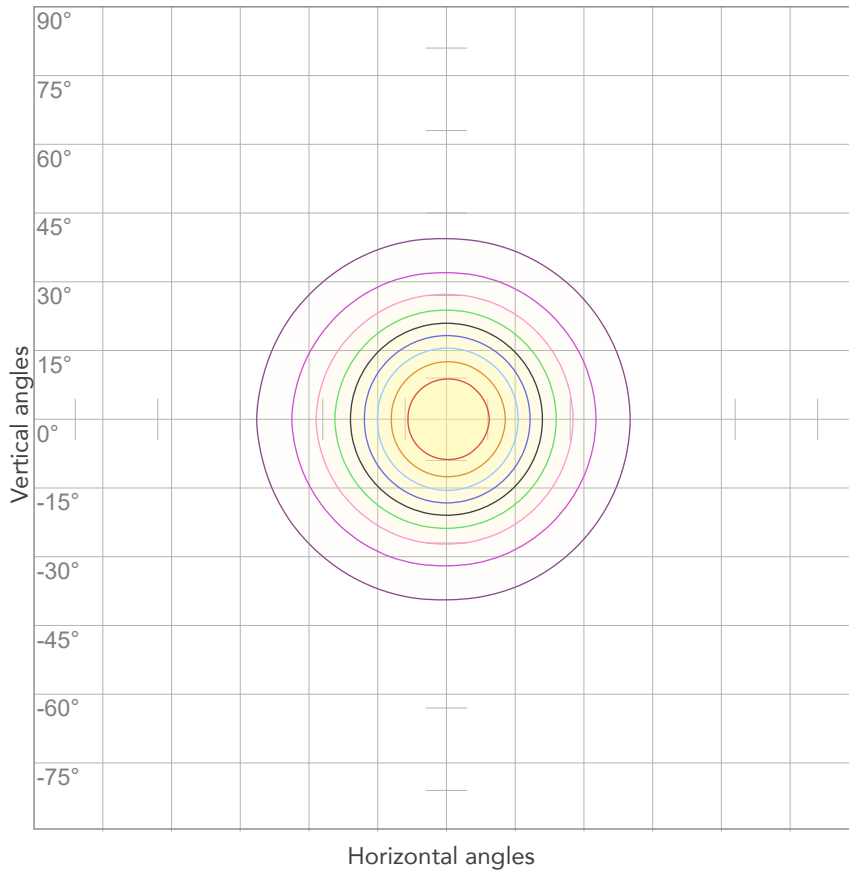
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,362A	73,2W	59lm/W

ISO CANDELA DIAGRAM



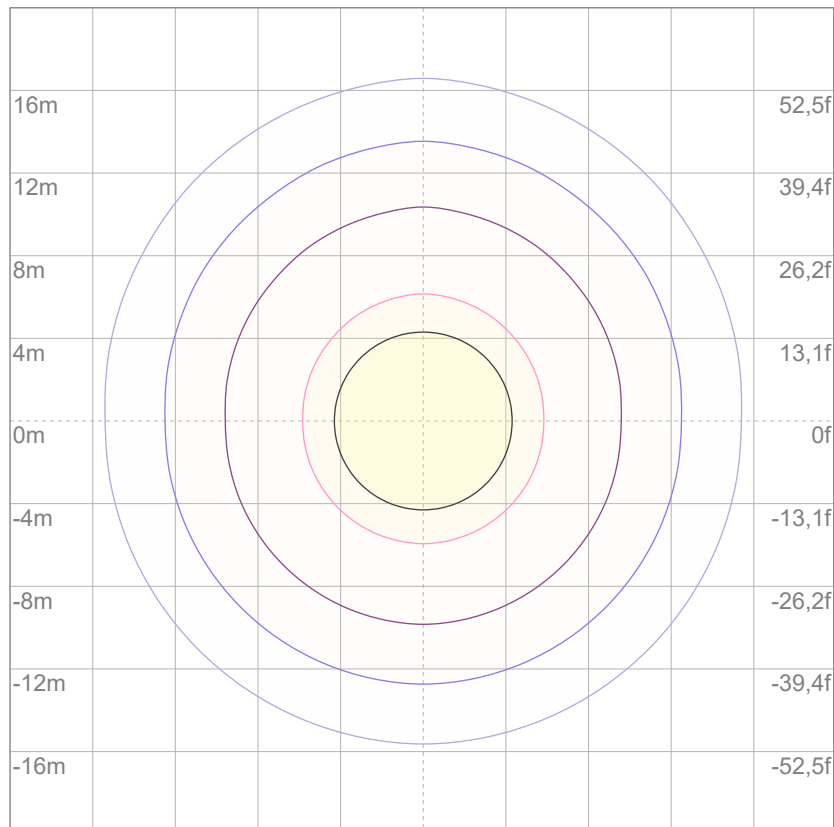
10%	559 cd
20%	1118 cd
30%	1676 cd
40%	2235 cd
50%	2794 cd
60%	3353 cd
70%	3912 cd
80%	4470 cd

Conditions:

Number of c-planes: 4

Candela at center: 5588 cd

ISO LUX DIAGRAM



3%	1,68 lx
5%	2,79 lx
10%	5,59 lx
30%	16,8 lx
50%	27,9 lx

Conditions:

Number of c-planes: 4

Lux at center: 55,9 lx

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



Total lumen output:

4288 lm

Peak candela output:

3988 cd

Light quality:

CRI: 82,9

Color temperature:

7092 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 60° Filter

Target:

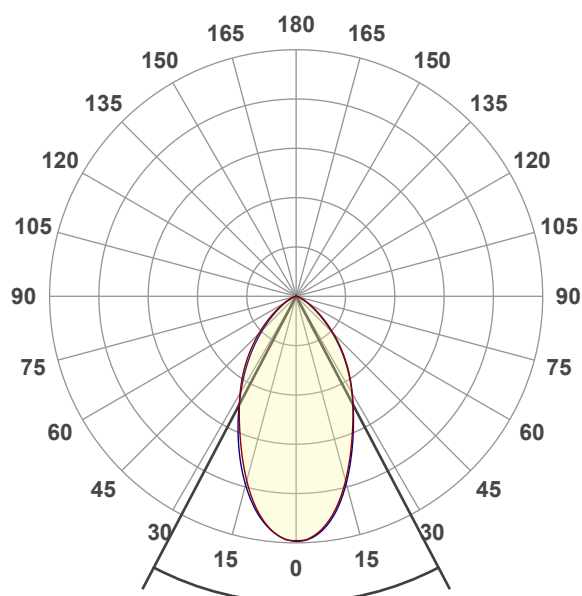
Cold White

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:42:06

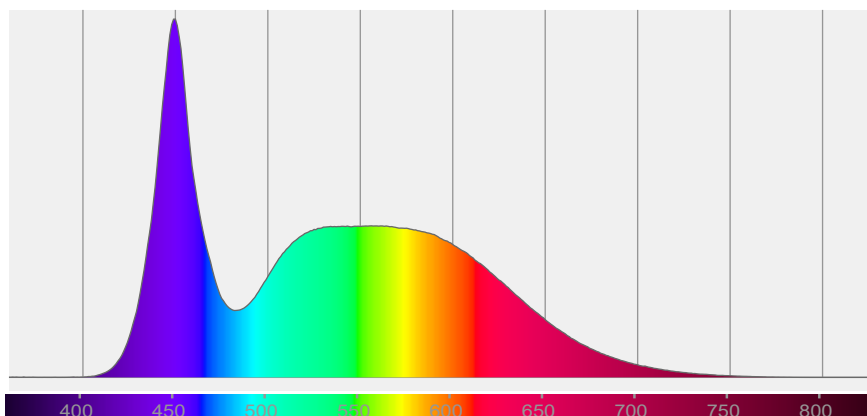


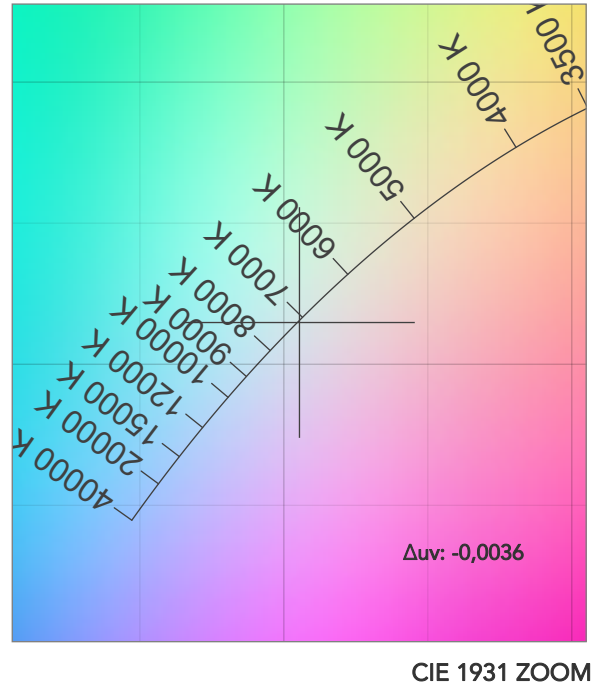
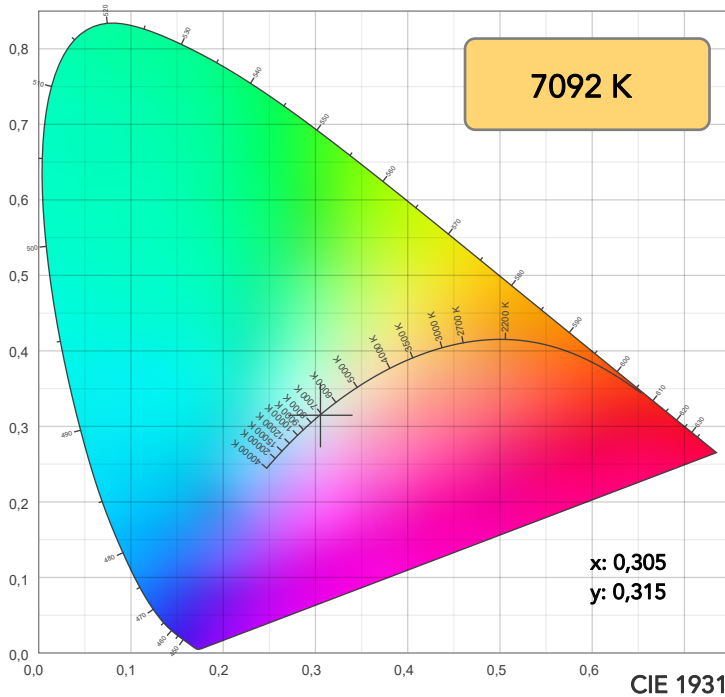
Beam angle 50%: 55,4°

Field angle 10%: 107,8°

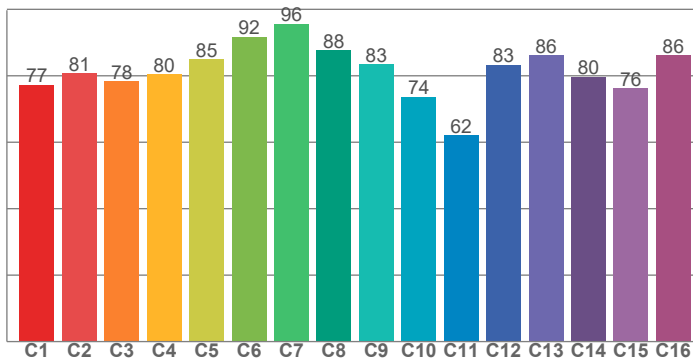
Cut off angle 2.5%: 134,2°

Spectra

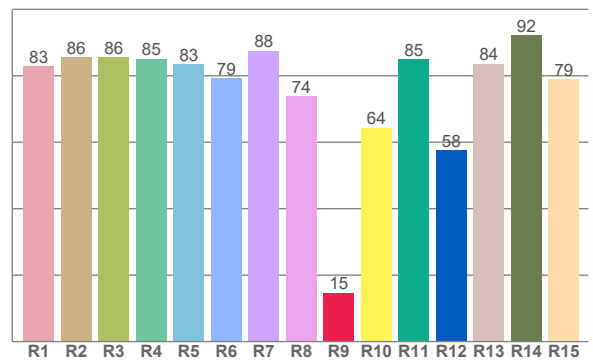




TM30: 81,8



CRI: 82,9 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82,9	85,7	85,7	85,1	83,4	79,3	87,6	73,8	14,7	64,3	84,9	57,7	83,6	92,1	79,0

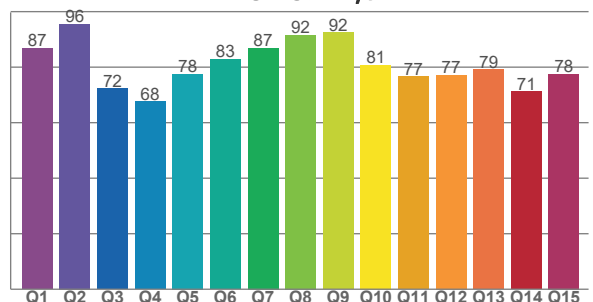
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,3	80,7	78,4	80,5	84,9	91,8	95,6	87,6	83,4	73,7	62,0	83,2	86,1	79,6	76,2	86,2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,8	95,6	72,2	67,6	77,6	82,8	86,9	91,5	92,4	80,7	76,6	77,1	79,2	71,2	77,5

CQS: 79,5



COLOR PARAMETERS

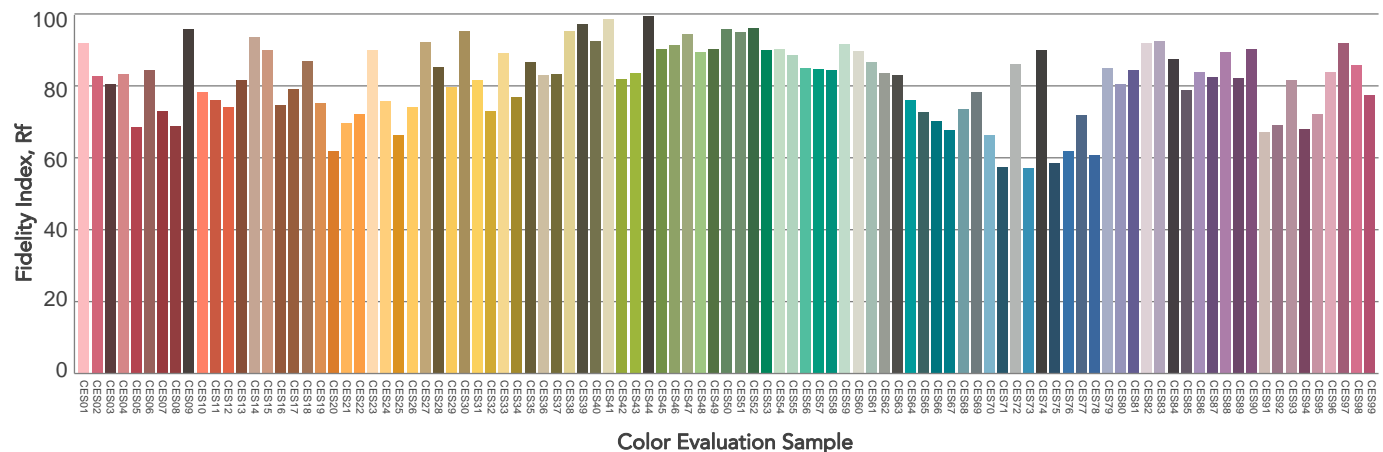
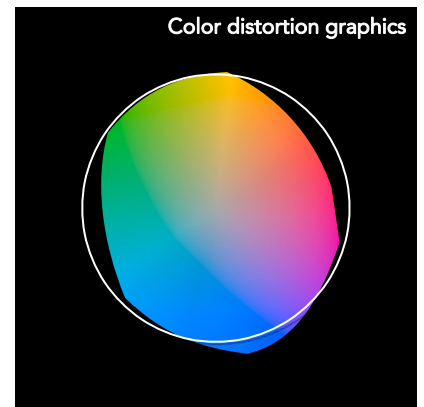
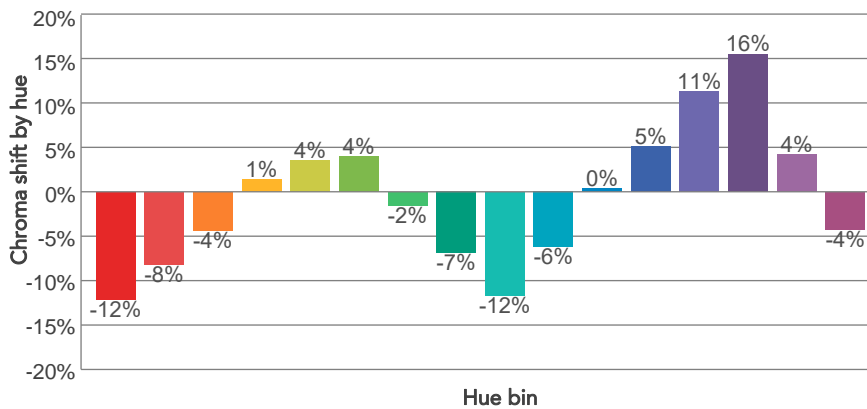
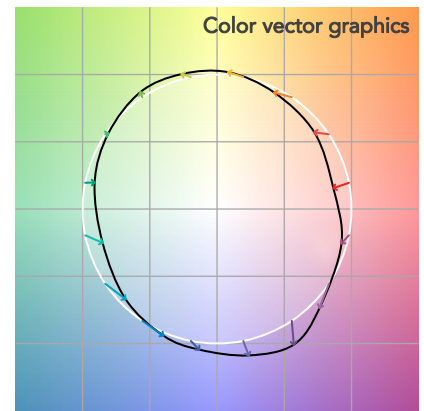
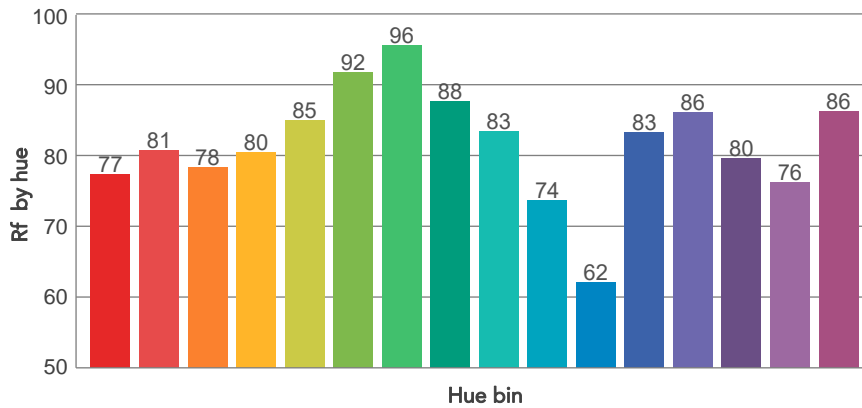
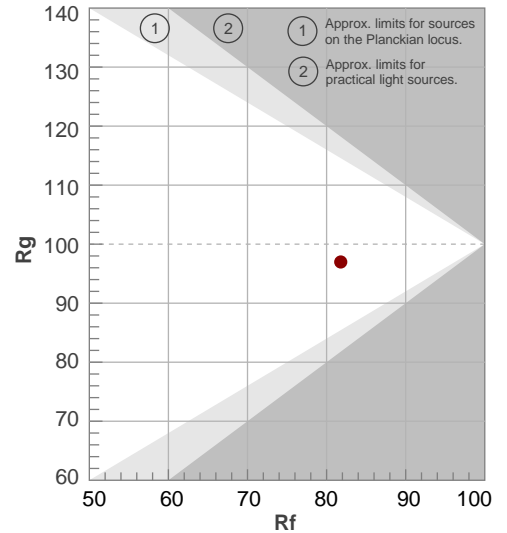
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
7092 K	82,9	14,7	81,8	97,0	79,5	70	0,305	0,315	-0,0036

TM30 DETAILS

Rf 81,8
Fidelity index Rf

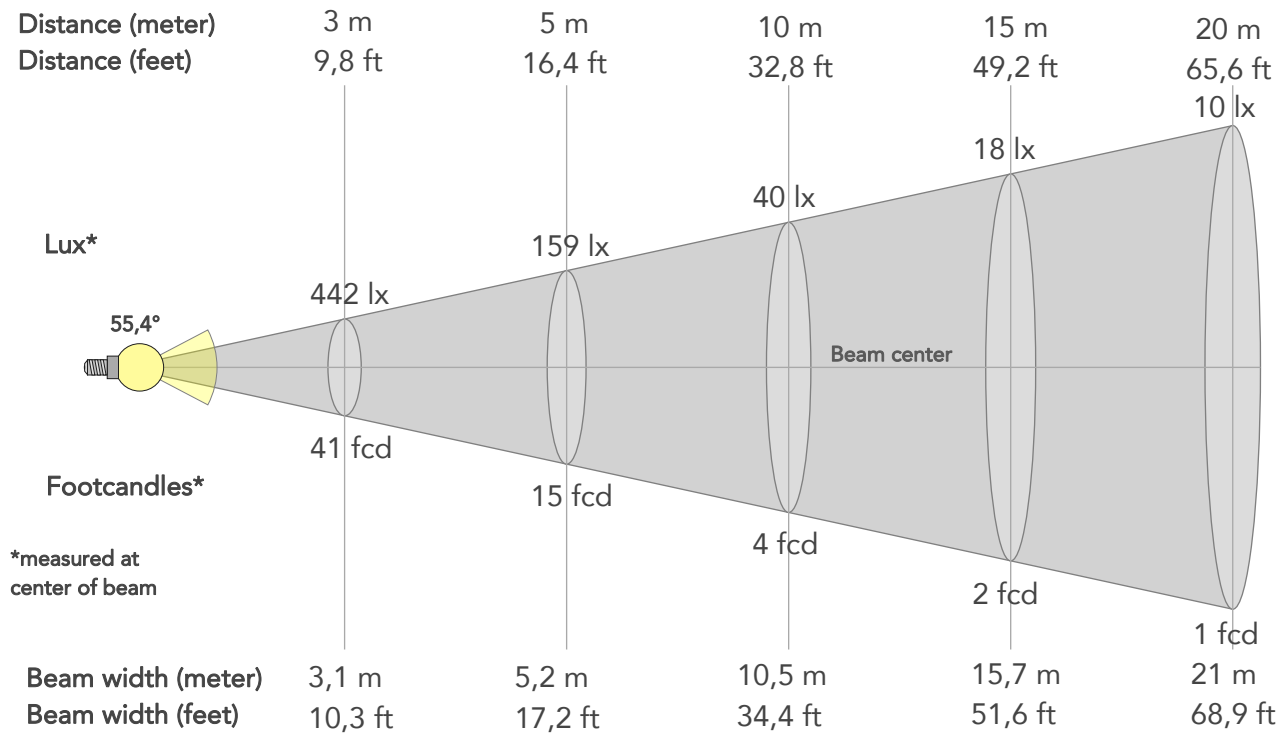
Rg 97,0
Gammut index

		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	77	-12%	-2%
2	81	-8%	7%
3	78	-4%	13%
4	80	1%	12%
5	85	4%	6%
6	92	4%	-1%
7	96	-2%	-2%
8	88	-7%	-2%
9	83	-12%	8%
10	74	-6%	18%
11	62	0%	19%
12	83	5%	7%
13	86	11%	2%
14	80	16%	-9%
15	76	4%	-19%
16	86	-4%	-7%



BEAM DETAILS

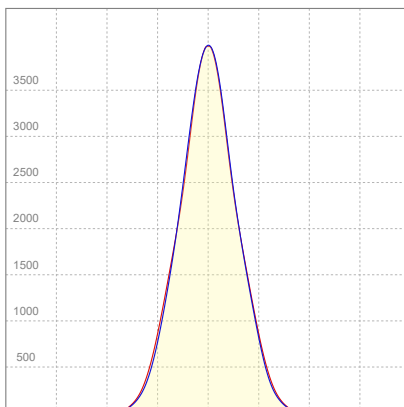
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
55,4°	107,8°	134,2°	96,2%	82,1%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	3979lx	995lx	442lx	249lx	159lx	71lx	40lx	18lx	10lx	6lx	4lx	2lx	2lx
Footcand.	370fcd	92fcd	41fcd	23fcd	15fcd	7fcd	4fcd	2fcd	1fcd	1fcd	0fcd	0fcd	0fcd
Beam wid.	1m	2,1m	3,1m	4,2m	5,2m	7,9m	10,5m	15,7m	21m	26,2m	31,5m	42m	52,5m
Beam wid.	3,5ft	6,9ft	10,3ft	13,7ft	17,2ft	25,8ft	34,4ft	51,6ft	68,9ft	86,1ft	103,3ft	137,7ft	172,1ft

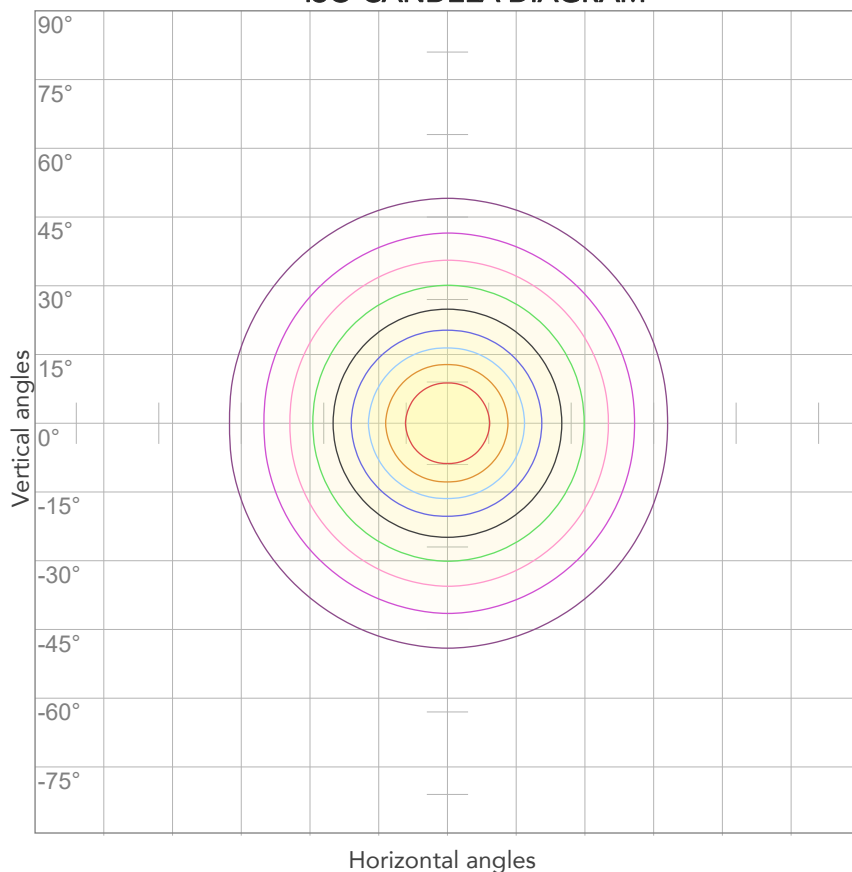
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
224V	0,361A	73,2W	59lm/W

ISO CANDELA DIAGRAM



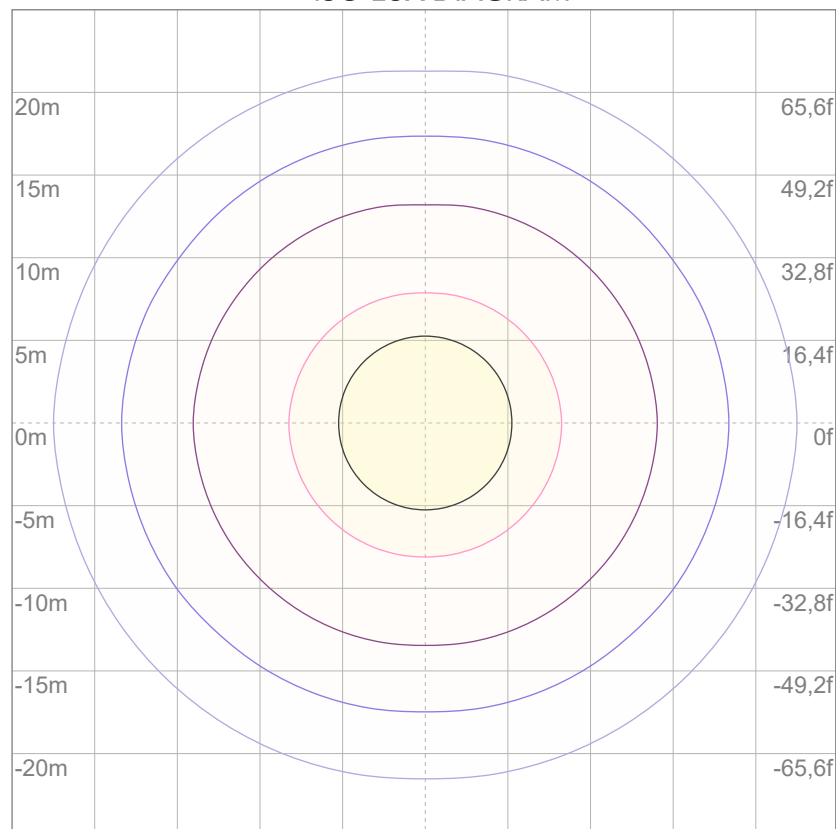
10%	398 cd
20%	796 cd
30%	1194 cd
40%	1591 cd
50%	1989 cd
60%	2387 cd
70%	2785 cd
80%	3183 cd

Conditions:

Number of c-planes: 4

Candela at center: 3979 cd

ISO LUX DIAGRAM



3%	1,19 lx
5%	1,99 lx
10%	3,98 lx
30%	11,9 lx
50%	19,9 lx

Conditions:

Number of c-planes: 4

Lux at center: 39,8 lx

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



Total lumen output:

4322 lm

Peak candela output:

2799 cd

Light quality:

CRI: 82,7

Color temperature:

7022 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 80° Filter

Target:

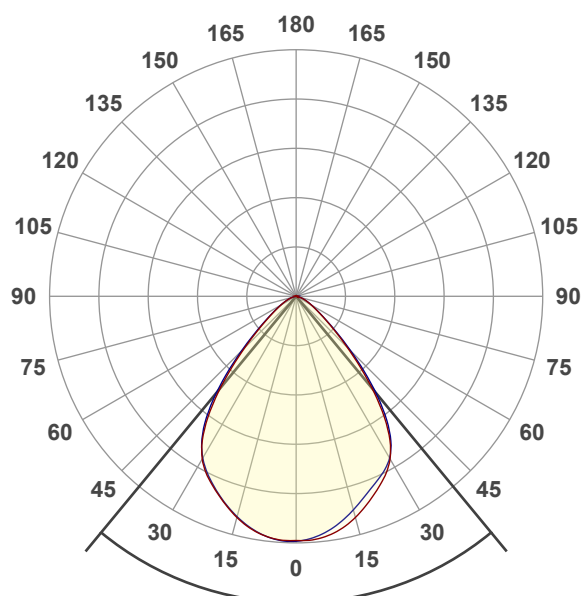
Cold White

Operator:

Nicola Savarese

Date and time:

15/07/2022 14:25:18

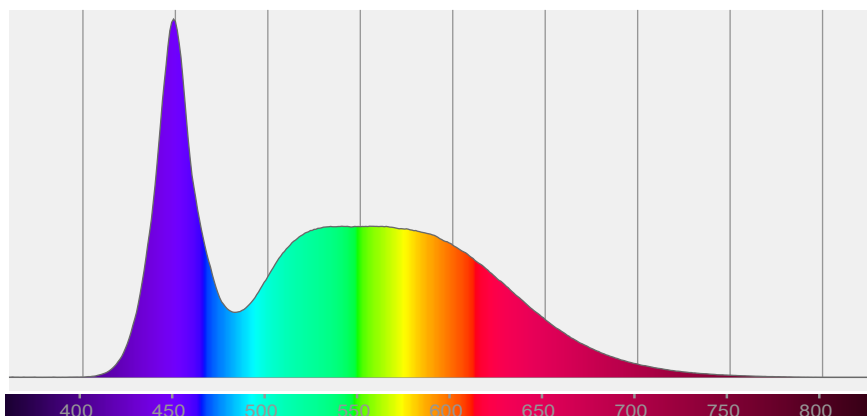


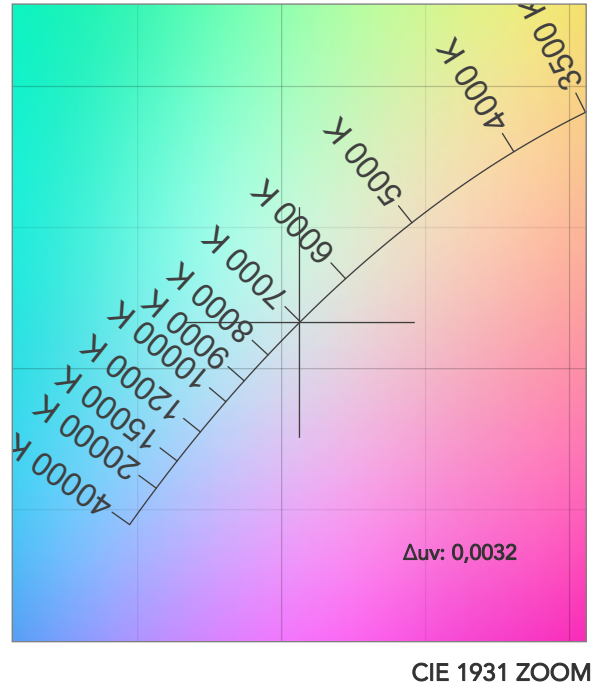
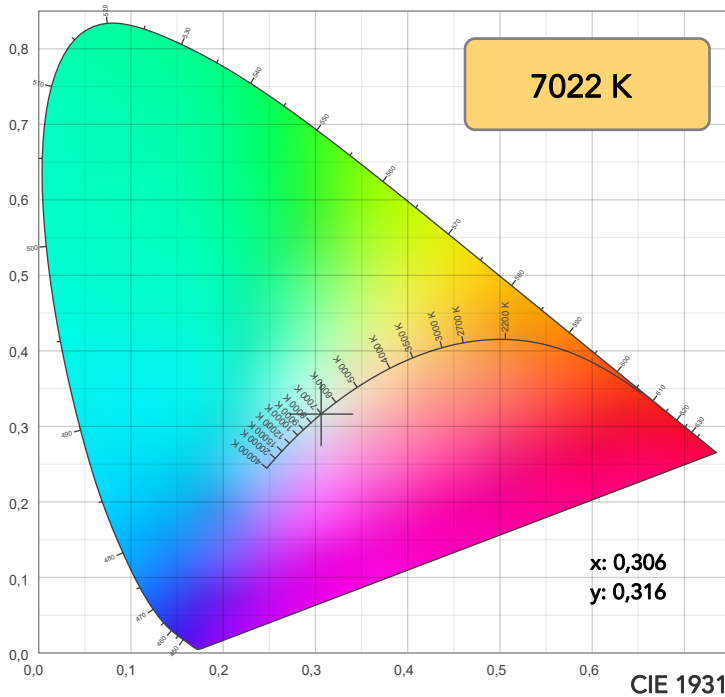
Beam angle 50%: 79,1°

Field angle 10%: 112,7°

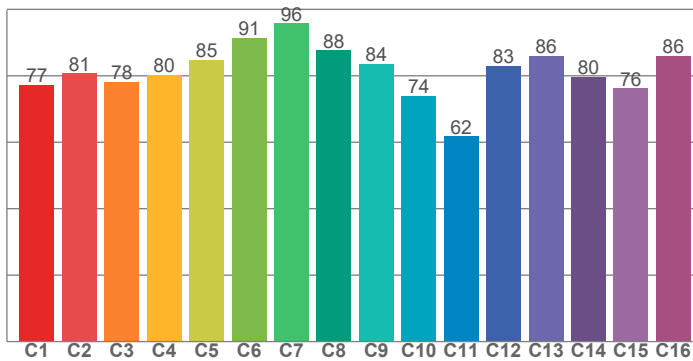
Cut off angle 2.5%: 142,9°

Spectra

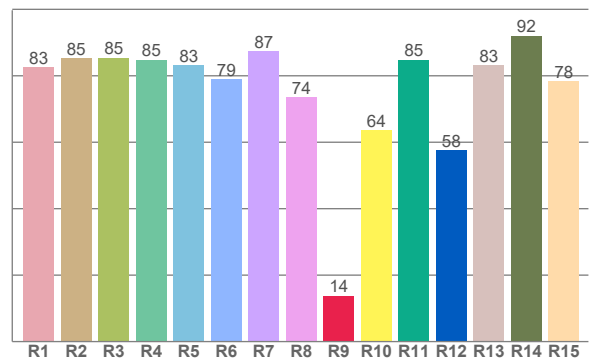




TM30: 81,7



CRI: 82,7 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82,6	85,3	85,4	84,8	83,2	79,1	87,3	73,6	13,8	63,6	84,8	57,6	83,2	92,0	78,4

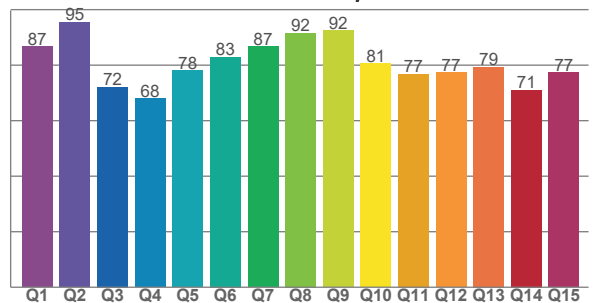
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,3	80,8	78,2	80,2	84,7	91,4	95,7	87,6	83,7	74,0	61,8	83,0	86,1	79,6	76,2	86,0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
86,7	95,4	72,2	68,0	78,0	83,0	86,7	91,5	92,4	80,6	76,8	77,3	79,3	71,0	77,4

CQS: 79,5



COLOR PARAMETERS

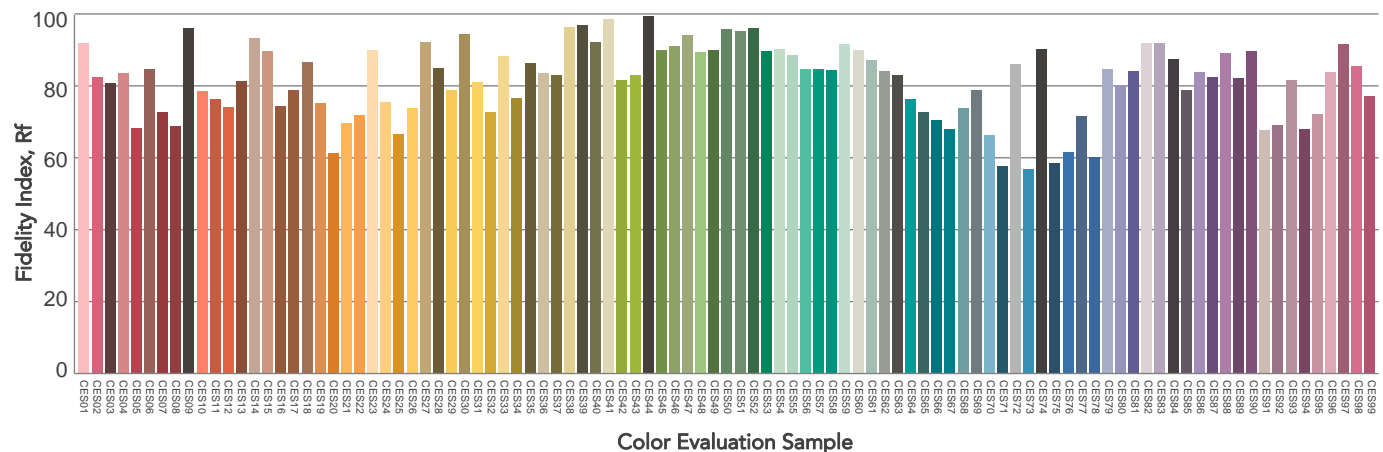
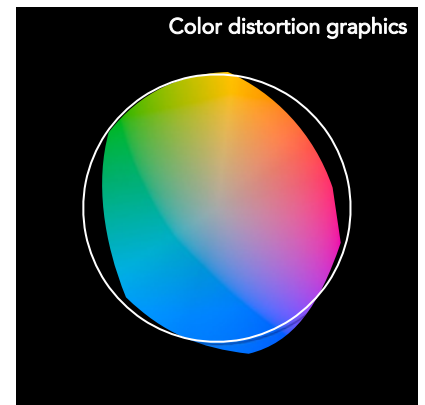
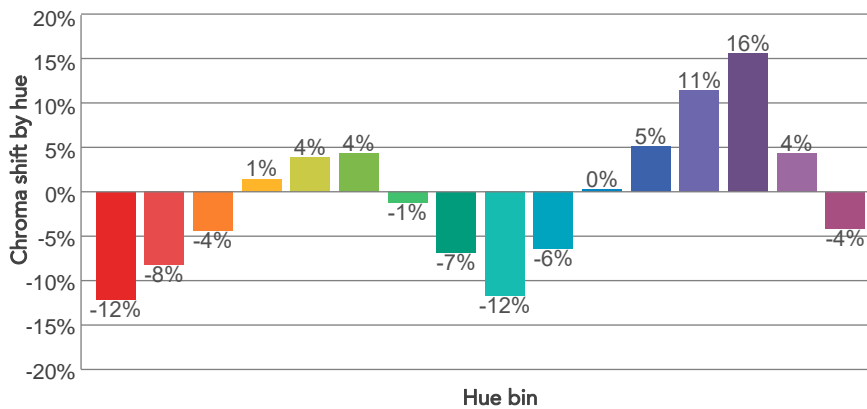
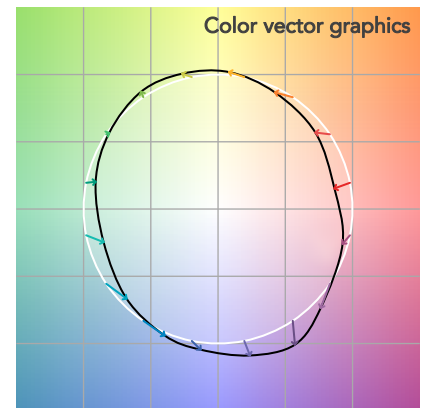
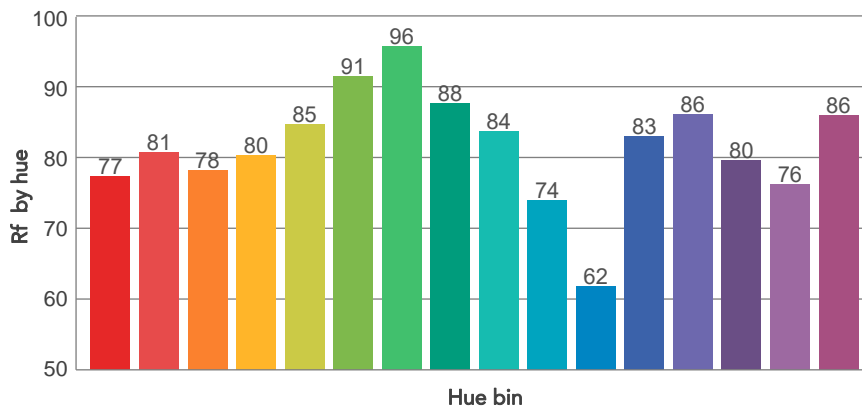
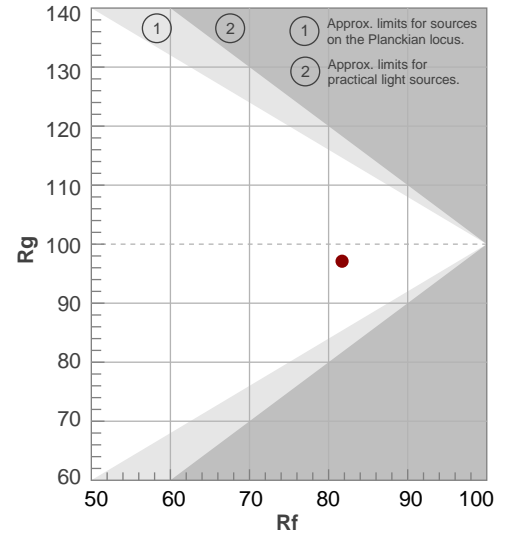
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
7022 K	82,7	13,8	81,7	97,1	79,5	70	0,306	0,316	0,0032

TM30 DETAILS

Rf 81,7
Fidelity index Rf

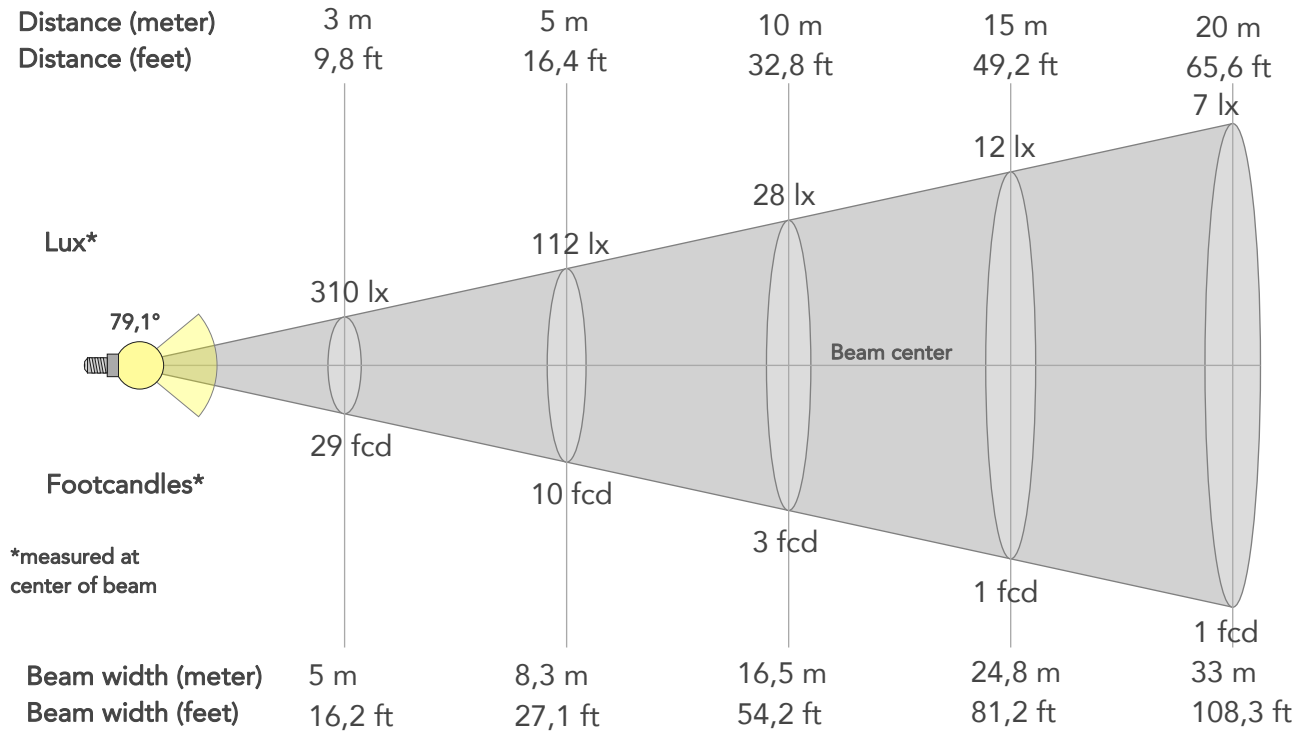
Rg 97,1
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	77	-12%	-2%
2	81	-8%	7%
3	78	-4%	13%
4	80	1%	12%
5	85	4%	6%
6	91	4%	-1%
7	96	-1%	-2%
8	88	-7%	-2%
9	84	-12%	8%
10	74	-6%	18%
11	62	0%	19%
12	83	5%	8%
13	86	11%	2%
14	80	16%	-8%
15	76	4%	-19%
16	86	-4%	-7%



BEAM DETAILS

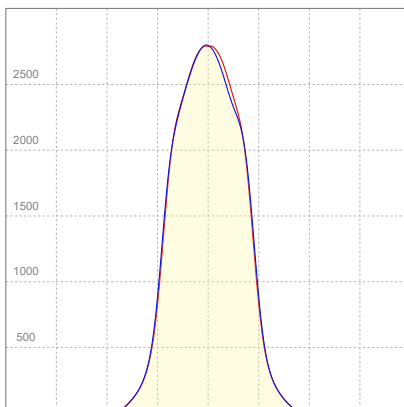
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
79,1°	112,7°	142,9°	95,8%	82,7%



BEAM INTENSITIES AND WIDTHS

Distance	1m	2m	3m	4m	5m	7,5m	10m	15m	20m	25m	30m	40m	50m
Distance	3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	24,6ft	32,8ft	49,2ft	65,6ft	82ft	98,4ft	131,2ft	164ft
Lux	2793lx	698lx	310lx	175lx	112lx	50lx	28lx	12lx	7lx	4lx	3lx	2lx	1lx
Footcand.	259fcd	65fcd	29fcd	16fcd	10fcd	5fcd	3fcd	1fcd	1fcd	0fcd	0fcd	0fcd	0fcd
Beam wid.	1,7m	3,3m	5m	6,6m	8,3m	12,4m	16,5m	24,8m	33m	41,3m	49,5m	66m	82,5m
Beam wid.	5,4ft	10,9ft	16,2ft	21,6ft	27,1ft	40,6ft	54,2ft	81,2ft	108,3ft	135,4ft	162,5ft	216,6ft	270,8ft

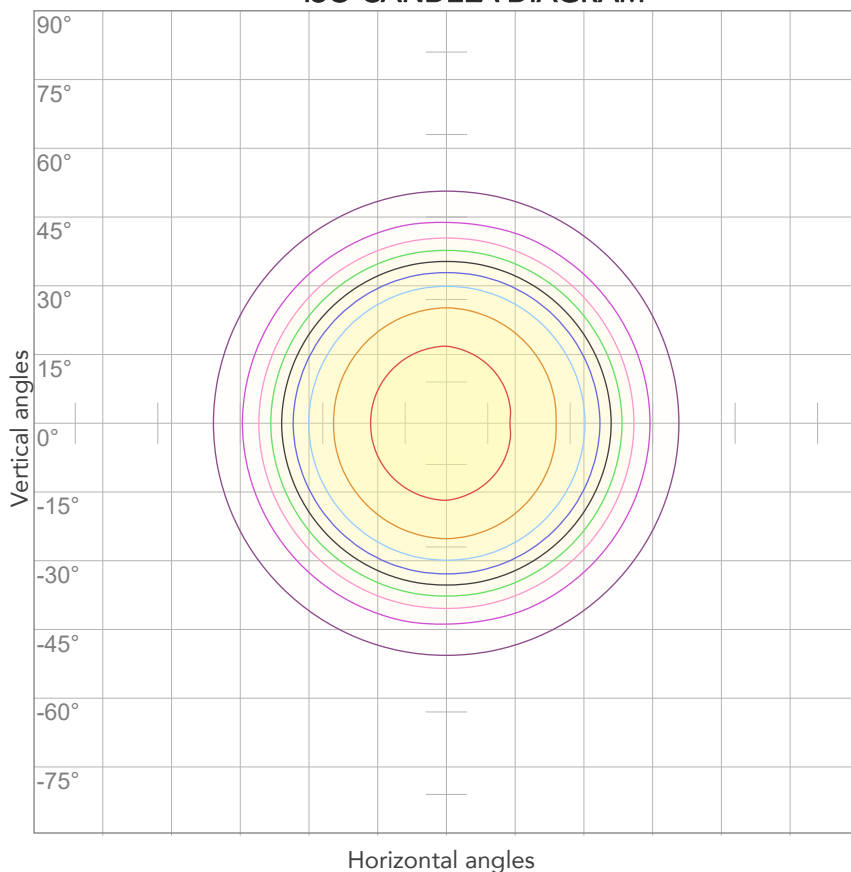
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,361A	73,8W	59lm/W

ISO CANDELA DIAGRAM



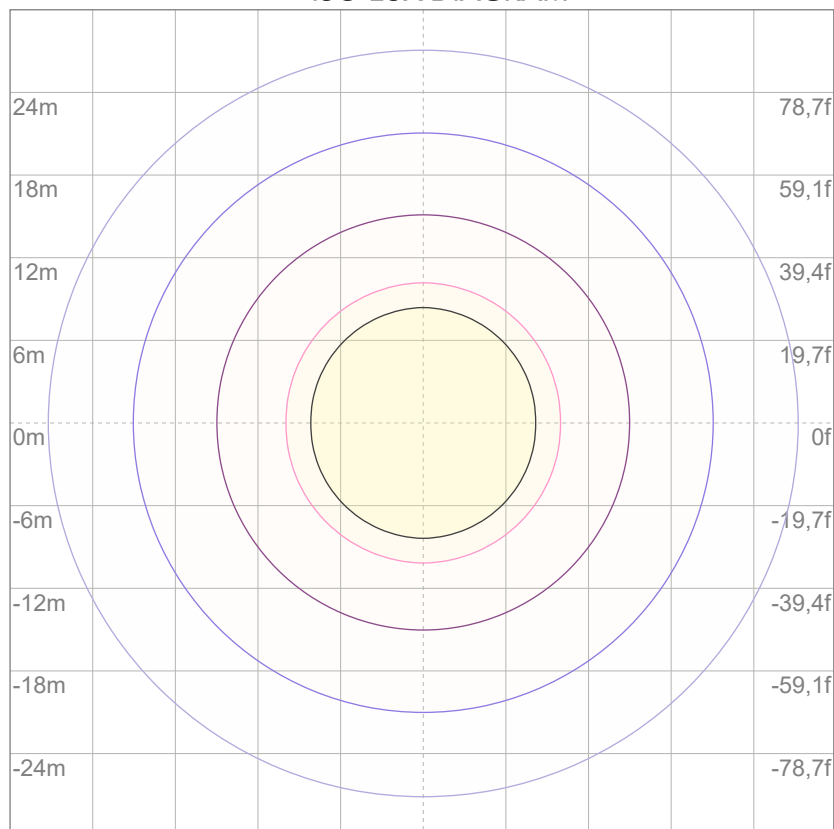
10%	279 cd
20%	559 cd
30%	838 cd
40%	1117 cd
50%	1397 cd
60%	1676 cd
70%	1955 cd
80%	2234 cd

Conditions:

Number of c-planes: 4

Candela at center: 2793 cd

ISO LUX DIAGRAM



3%	0,838 lx
5%	1,40 lx
10%	2,79 lx
30%	8,38 lx
50%	14,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 27,9 lx

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



Total lumen output:

8411 lm

Peak candela output:

15409 cd

Light quality:

CRI: 83,3

Color temperature:

7038 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 10°x60° Filter

Target:

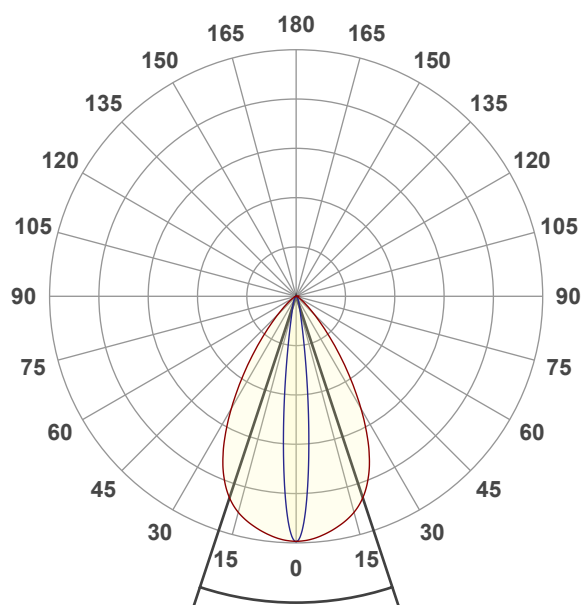
Cold White

Operator:

Nicola Savarese

Date and time:

15/07/2022 12:55:03

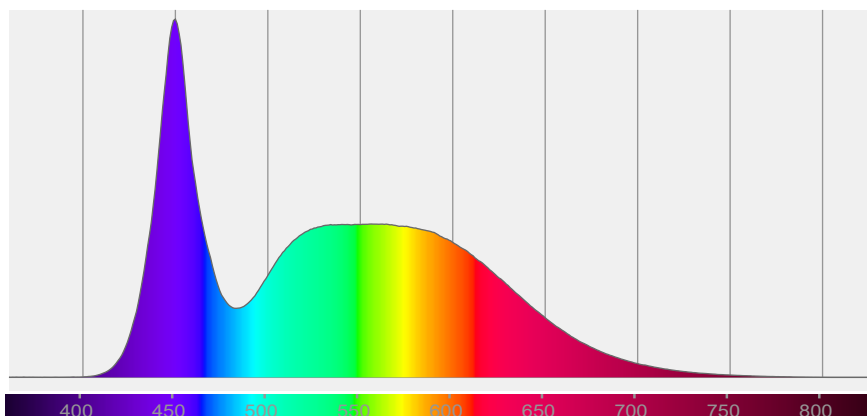


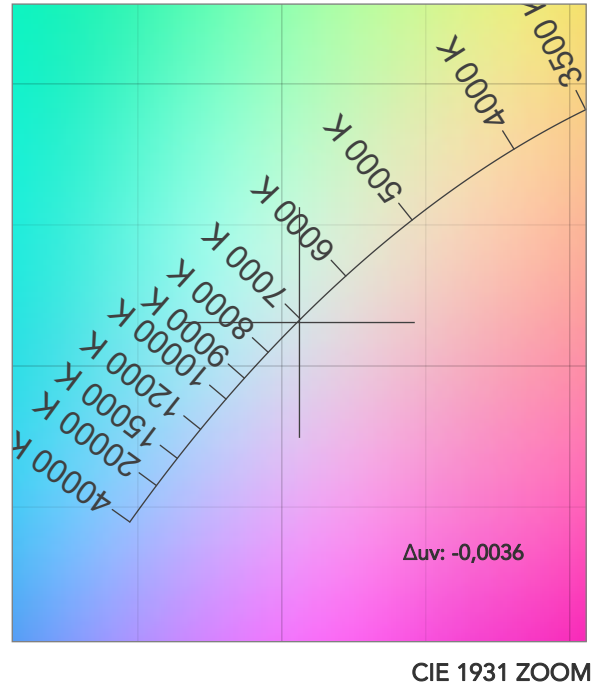
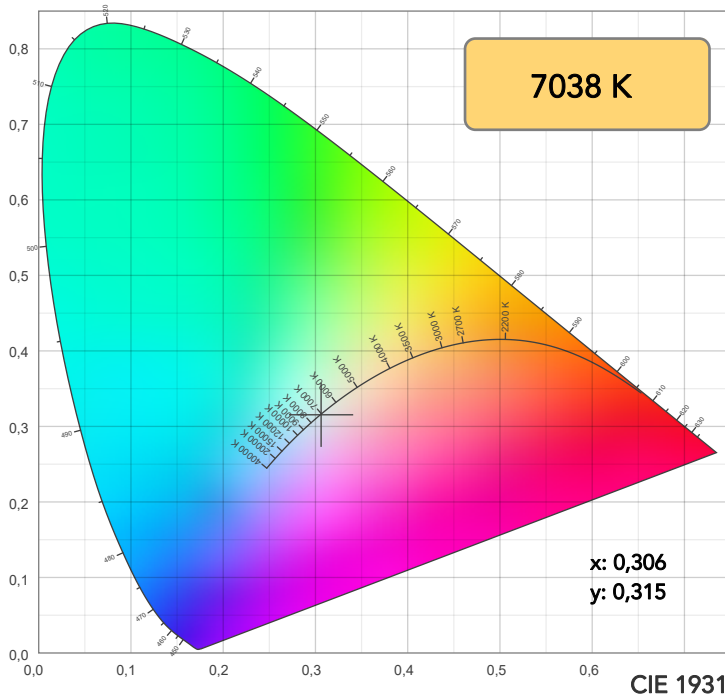
Beam angle 50%: 36,6°

Field angle 10%: 57,7°

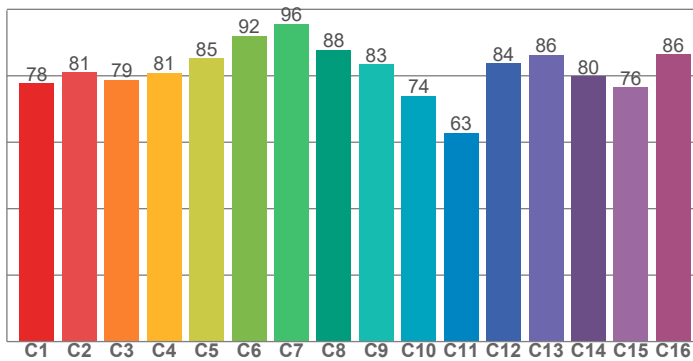
Cut off angle 2.5%: 80,3°

Spectra

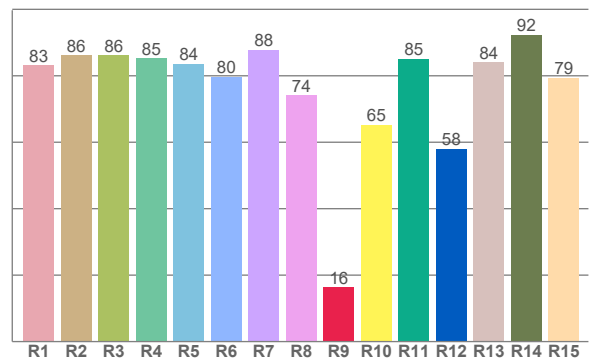




TM30: 82,1



CRI: 83,3 (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
83,3	86,1	86,1	85,3	83,6	79,8	87,9	74,2	16,3	65,3	85,1	58,1	84,0	92,3	79,4

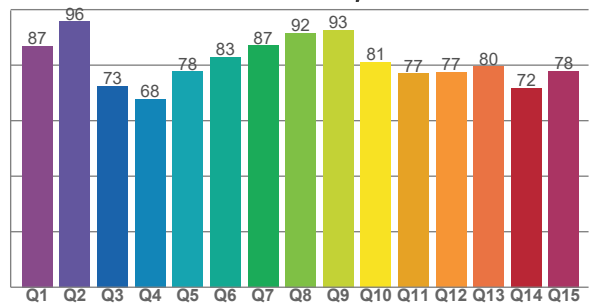
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,7	81,1	78,8	80,9	85,3	92,0	95,6	87,8	83,5	73,9	62,7	83,7	86,4	79,8	76,5	86,5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87,0	95,8	72,6	67,9	77,7	82,9	87,1	91,6	92,6	81,1	77,0	77,5	79,5	71,7	77,9

CQS: 79,7



COLOR PARAMETERS

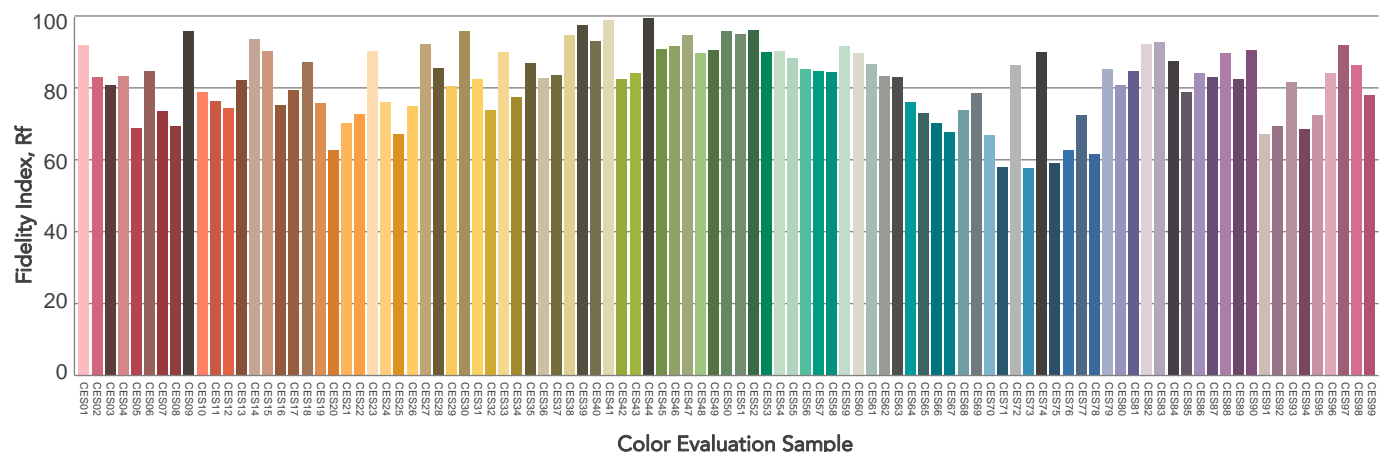
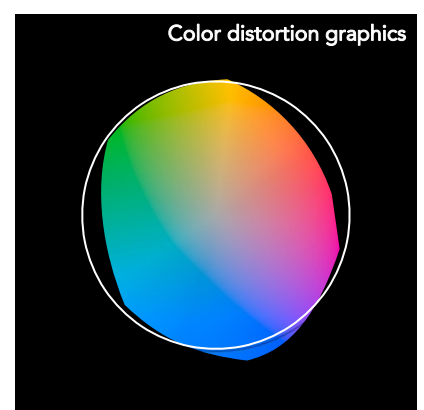
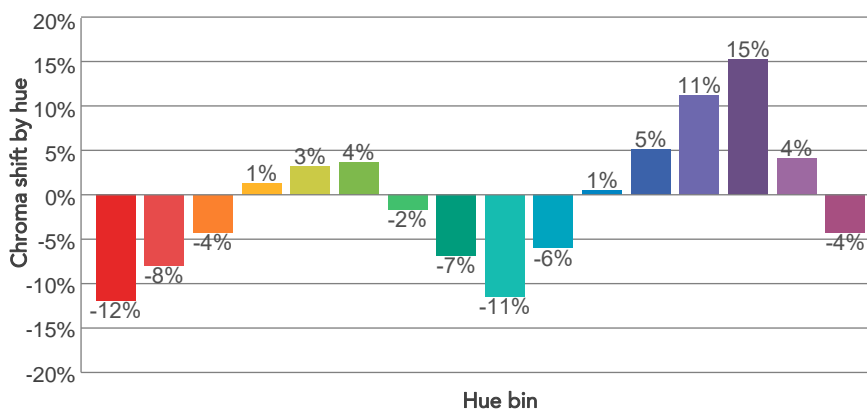
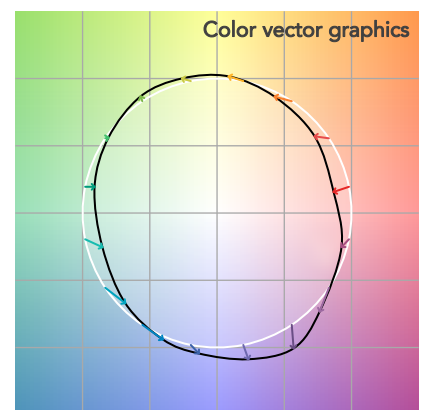
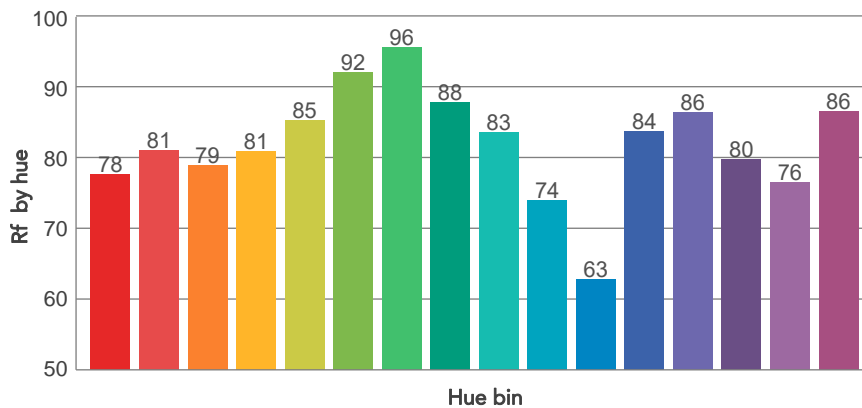
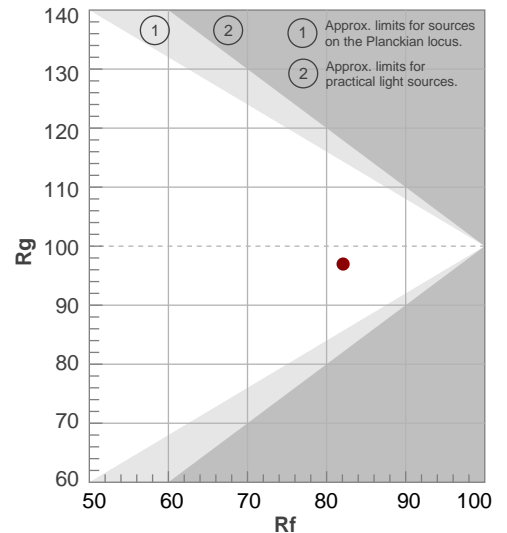
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
7038 K	83,3	16,3	82,1	97,0	79,7	71	0,306	0,315	-0,0036

TM30 DETAILS

Rf 82,1
Fidelity index Rf

Rg 97,0
Gammut index

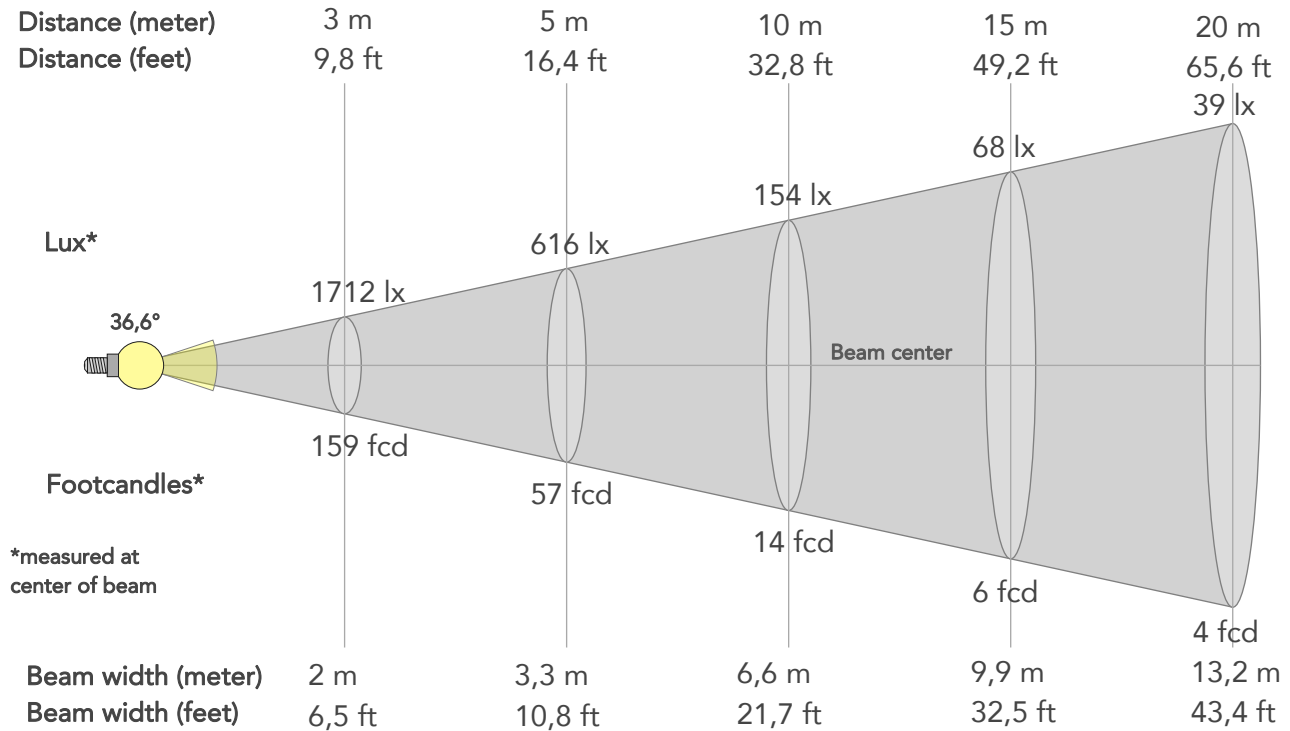
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-2%
2	81	-8%	7%
3	79	-4%	12%
4	81	1%	11%
5	85	3%	6%
6	92	4%	-1%
7	96	-2%	-2%
8	88	-7%	-1%
9	83	-11%	8%
10	74	-6%	18%
11	63	1%	19%
12	84	5%	7%
13	86	11%	2%
14	80	15%	-9%
15	76	4%	-18%
16	86	-4%	-7%



BEAM DETAILS



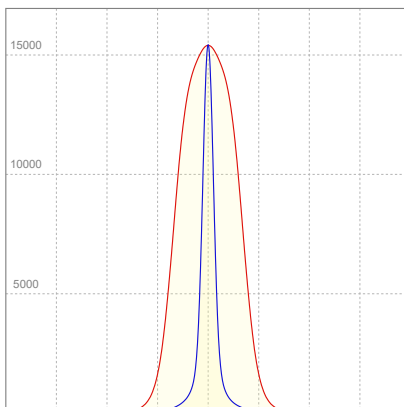
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36,6°	57,7°	80,3°	99,1%	93,6%



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	15405lx	3851lx	1712lx	963lx	616lx	274lx	154lx	68lx	39lx	25lx	17lx	10lx	6lx
Footcand.	1431fcd	358fcd	159fcd	89fcd	57fcd	25fcd	14fcd	6fcd	4fcd	2fcd	2fcd	1fcd	1fcd
Beam wid.	0,7m	1,3m	2m	2,6m	3,3m	5m	6,6m	9,9m	13,2m	16,5m	19,8m	26,5m	33,1m
Beam wid.	2,2ft	4,4ft	6,5ft	8,7ft	10,8ft	16,3ft	21,7ft	32,5ft	43,4ft	54,2ft	65,1ft	86,8ft	108,5ft

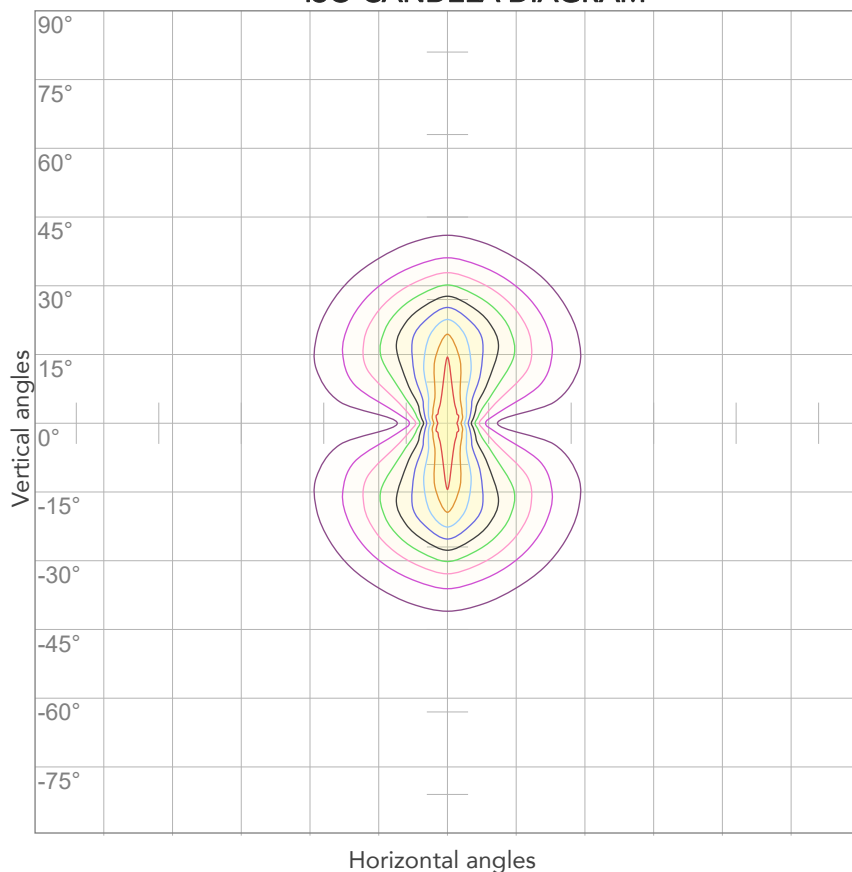
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
225V	0,360A	72,9W	115lm/W

ISO CANDELA DIAGRAM



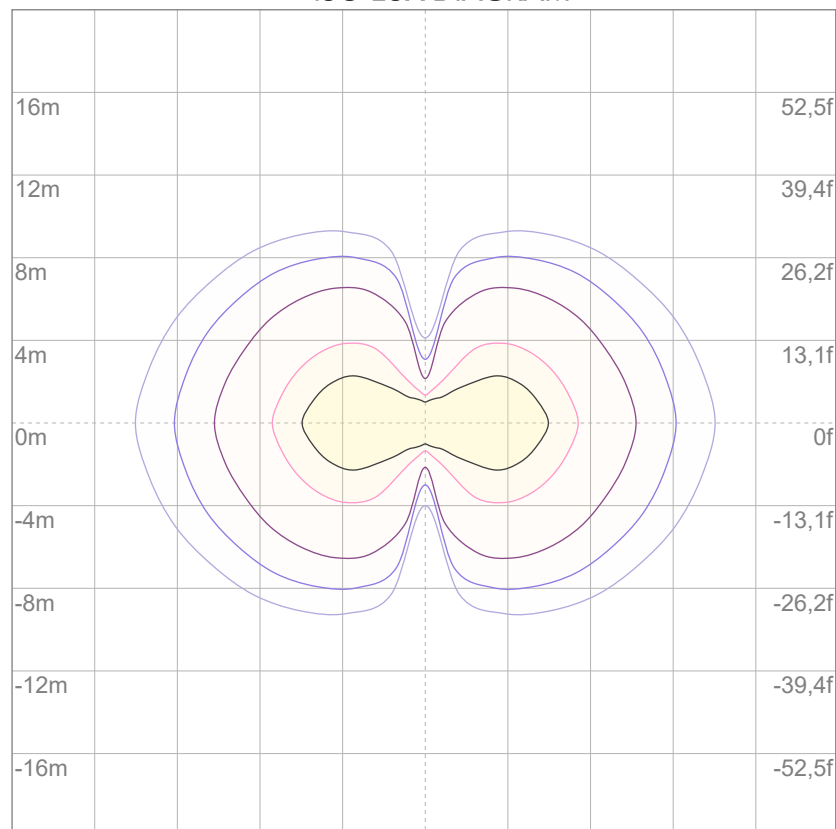
10%	1540 cd
20%	3081 cd
30%	4621 cd
40%	6162 cd
50%	7702 cd
60%	9243 cd
70%	10783 cd
80%	12324 cd

Conditions:

Number of c-planes: 4

Candela at center: 15405 cd

ISO LUX DIAGRAM



3%	4,62 lx
5%	7,70 lx
10%	15,4 lx
30%	46,2 lx
50%	77,0 lx

Conditions:

Number of c-planes: 4

Lux at center: 154 lx

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



Total lumen output:

4780 lm

Peak candela output:

7147 cd

Light quality:

CRI: 83,5

Color temperature:

7152 K

PRODUCT NAME:

ArcPod15 VW

MEASUREMENT CONDITIONS:

Beam angle:

15° + 30°x60° Filter

Target:

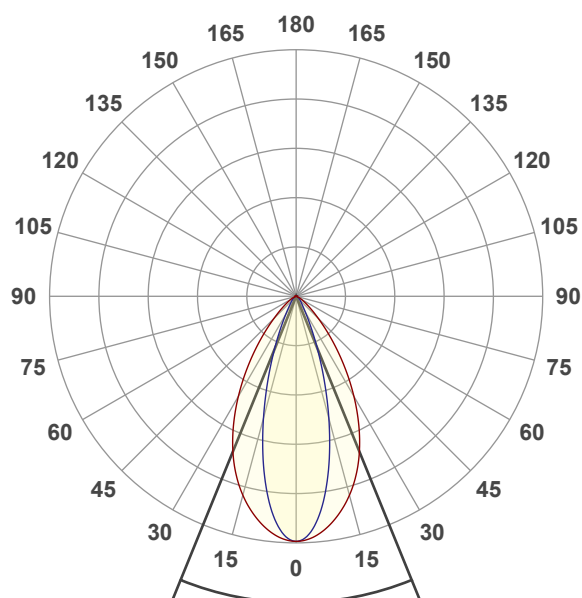
Cold White

Operator:

Nicola Savarese

Date and time:

15/07/2022 13:29:56

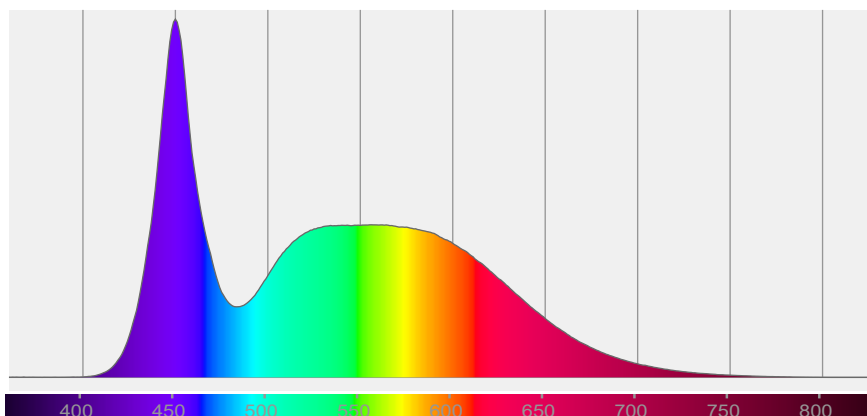


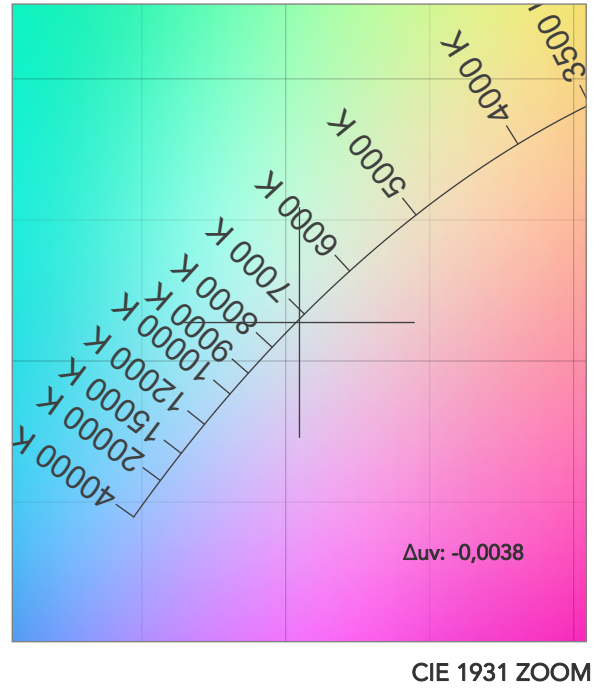
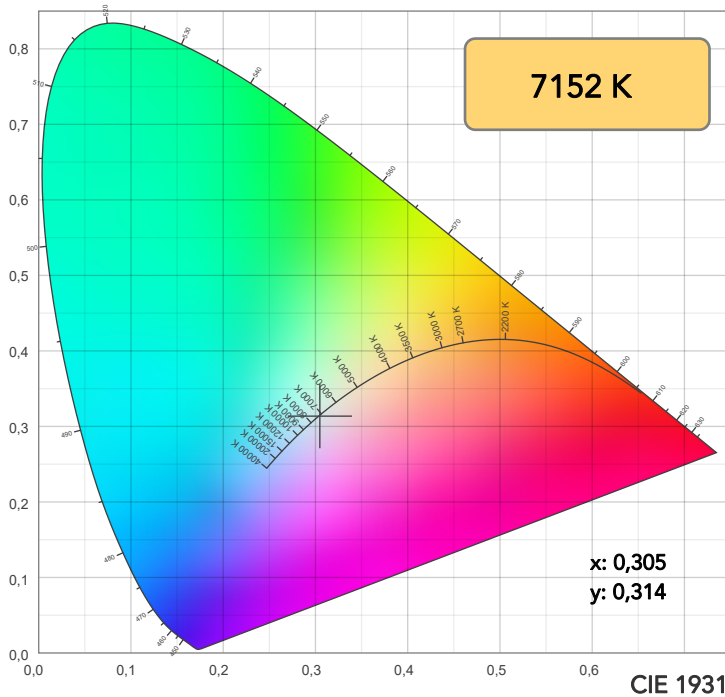
Beam angle 50%: 44,3°

Field angle 10%: 75,7°

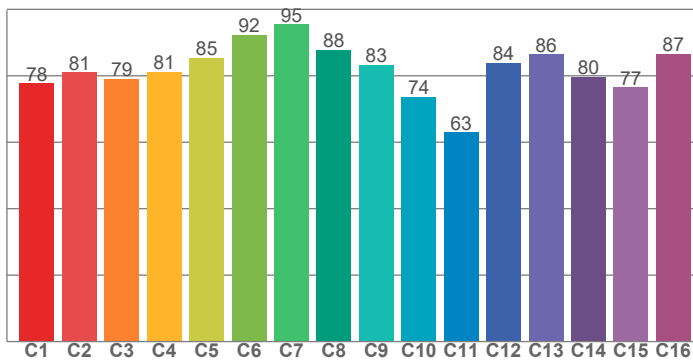
Cut off angle 2.5%: 103,8°

Spectra

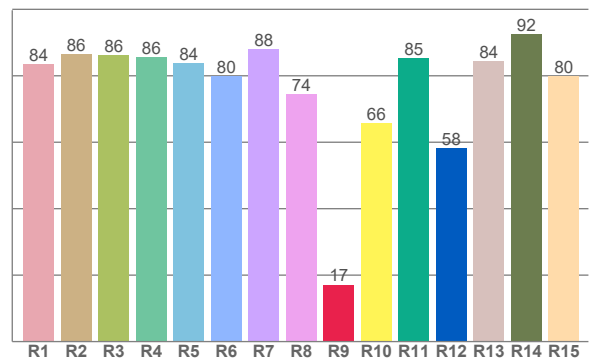




TM30: 82,2



CRI: 83,5 (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
83,5	86,4	86,3	85,5	83,8	80,0	88,1	74,5	17,1	65,8	85,2	58,1	84,4	92,4	79,8

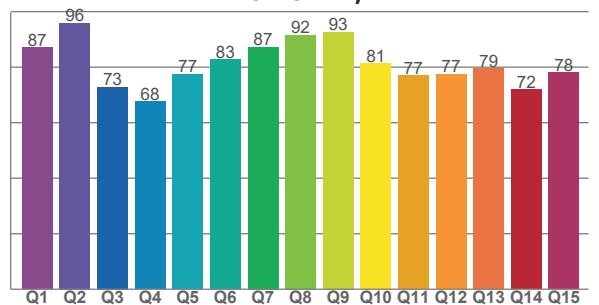
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,7	81,1	79,1	81,2	85,5	92,3	95,4	87,7	83,3	73,7	63,0	83,9	86,5	79,7	76,5	86,7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87,1	95,9	72,8	67,6	77,4	82,8	87,3	91,6	92,6	81,2	77,0	77,4	79,5	71,9	78,0

CQS: 79,7



COLOR PARAMETERS

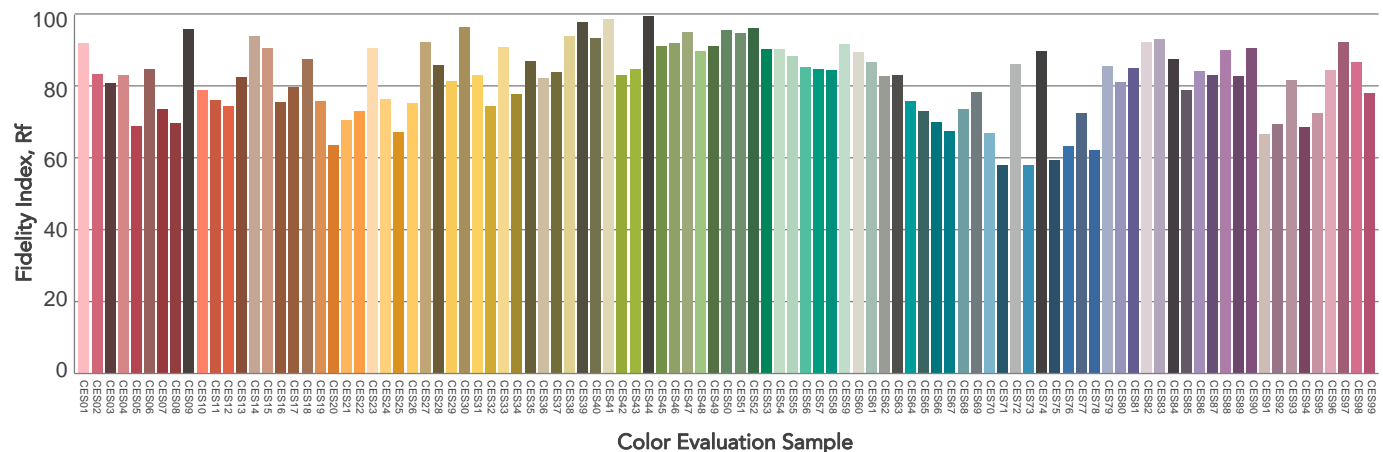
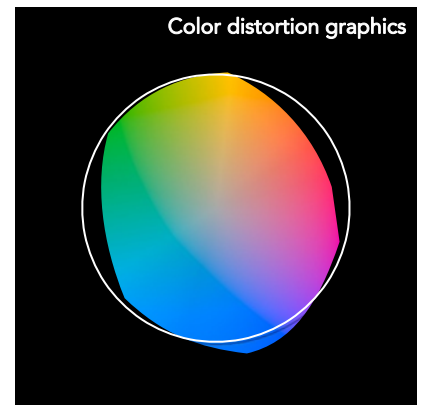
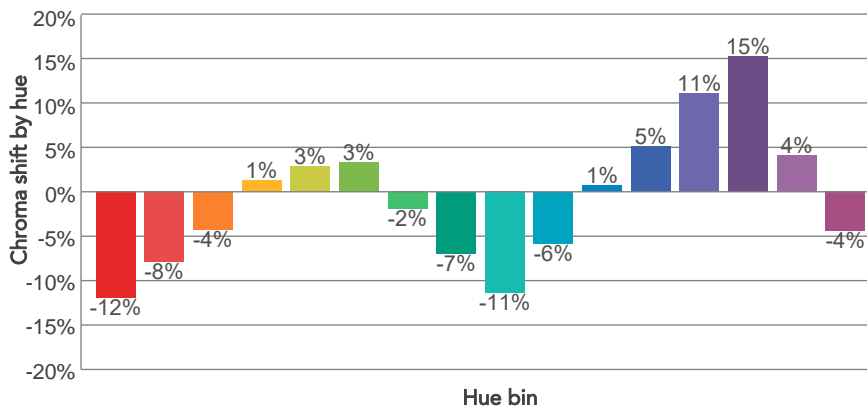
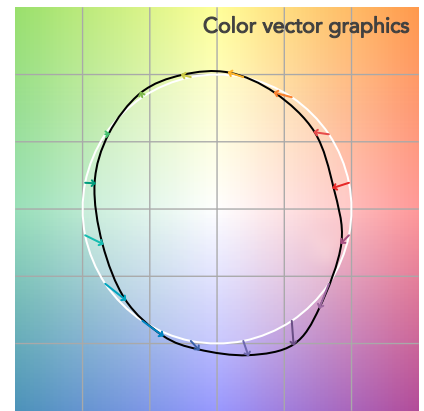
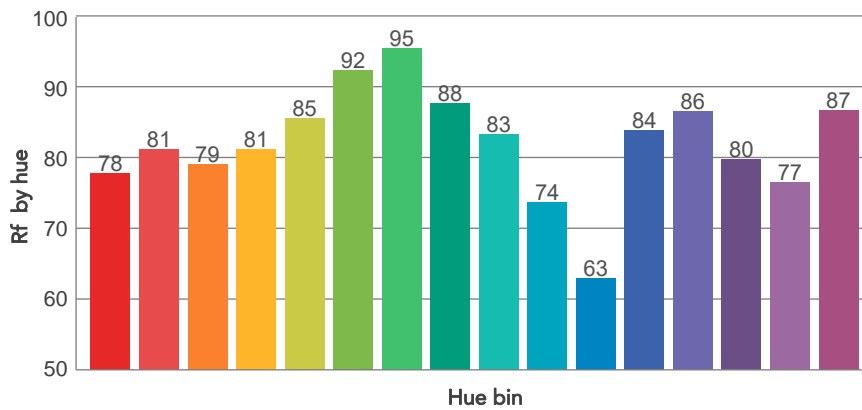
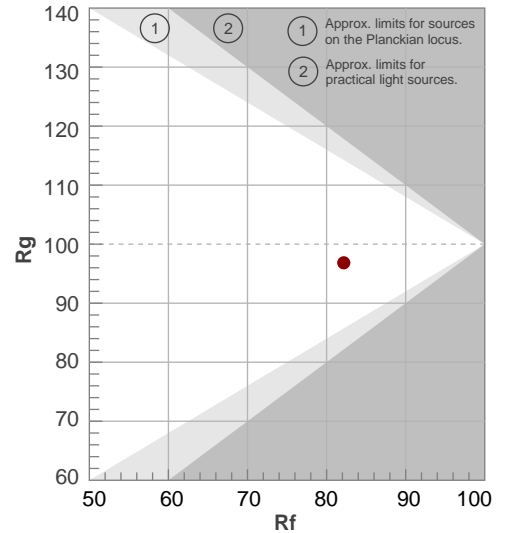
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Television lighting index	Color coordinate cie 1931	Color coordinate cie 1931	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	TLCI	x	y	Δuv
7152 K	83,5	17,1	82,2	96,8	79,7	70	0,305	0,314	-0,0038

TM30 DETAILS

Rf 82,2
Fidelity index Rf

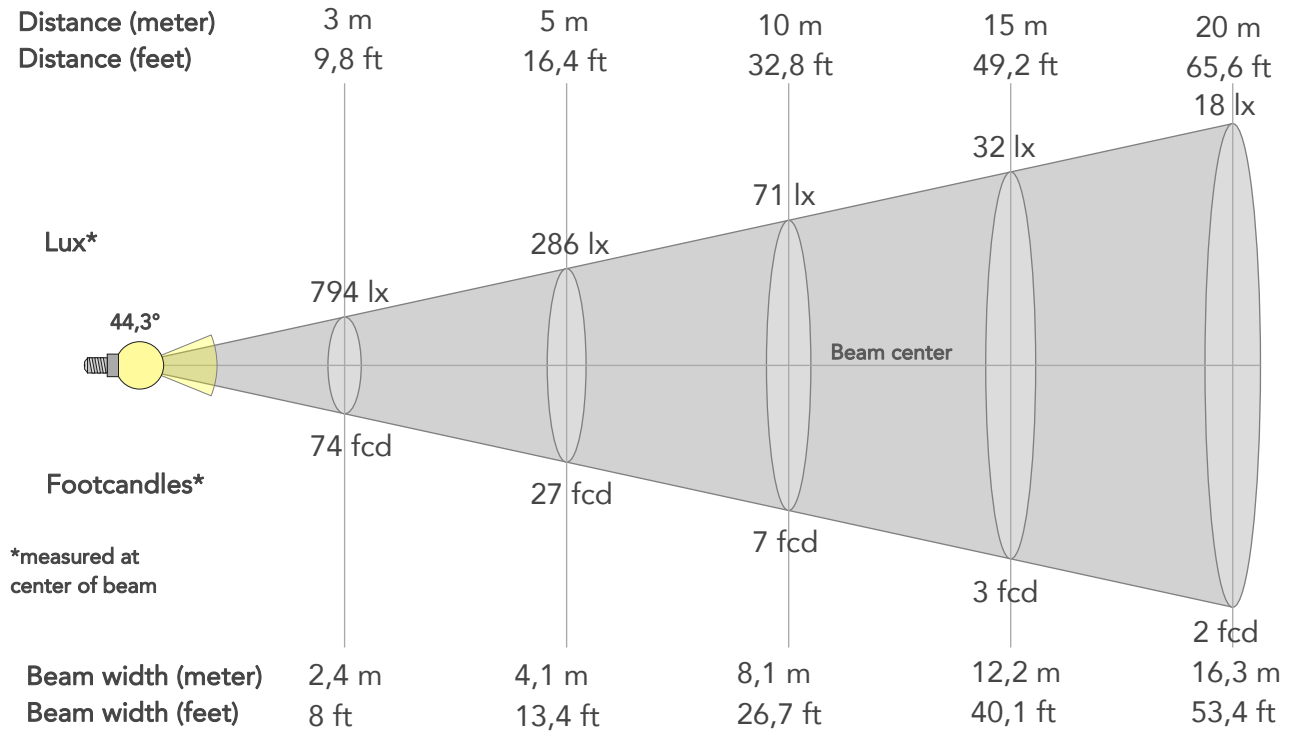
Rg 96,8
Gammut index

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	81	-8%	7%
3	79	-4%	12%
4	81	1%	11%
5	85	3%	6%
6	92	3%	-1%
7	95	-2%	-2%
8	88	-7%	-1%
9	83	-11%	9%
10	74	-6%	18%
11	63	1%	19%
12	84	5%	7%
13	86	11%	2%
14	80	15%	-9%
15	77	4%	-18%
16	87	-4%	-7%



BEAM DETAILS

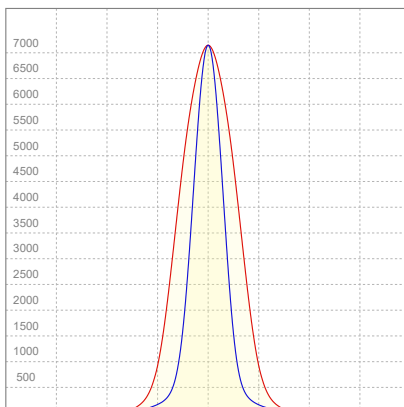
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44,3°	75,7°	103,8°	98,2%	90,7%



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	7145lx	1786lx	794lx	447lx	286lx	127lx	71lx	32lx	18lx	11lx	8lx	4lx	3lx
Footcand.	664fcd	166fcd	74fcd	41fcd	27fcd	12fcd	7fcd	3fcd	2fcd	1fcd	1fcd	0fcd	0fcd
Beam wid.	0,8m	1,6m	2,4m	3,3m	4,1m	6,1m	8,1m	12,2m	16,3m	20,4m	24,4m	32,6m	40,7m
Beam wid.	2,7ft	5,4ft	8ft	10,7ft	13,4ft	20ft	26,7ft	40,1ft	53,4ft	66,8ft	80,2ft	106,9ft	133,6ft

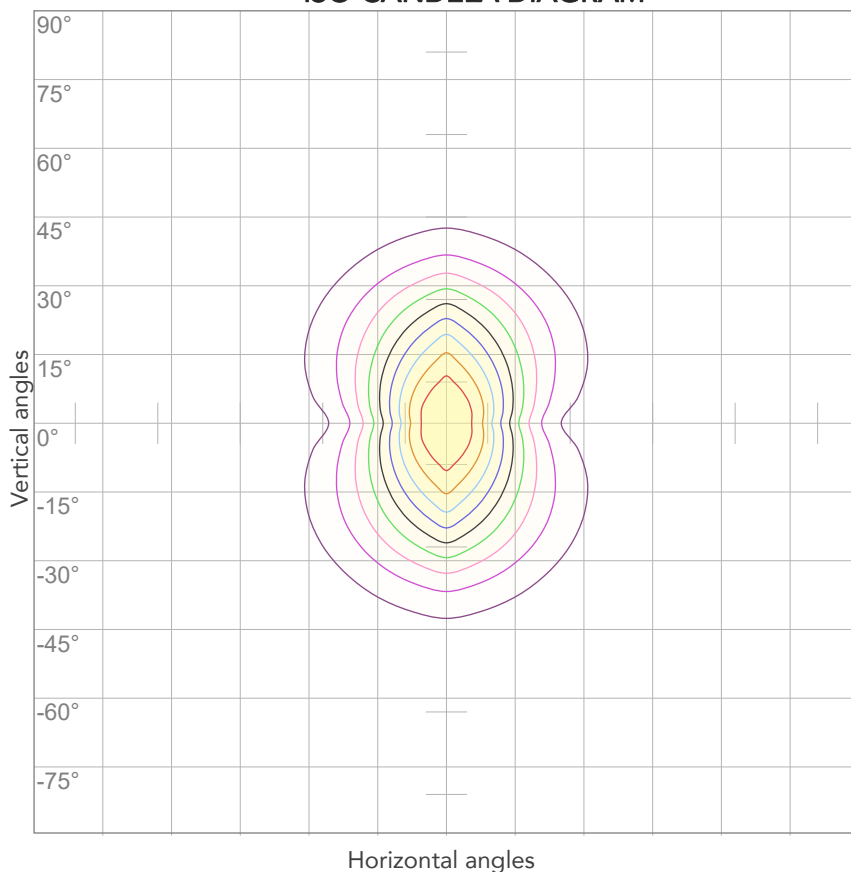
LINEAR DISTRIBUTION DIAGRAM



ELECTRICAL SPECIFICATIONS

Input voltage	Input current	Input power	Effeciency
226V	0,357A	72,4W	66lm/W

ISO CANDELA DIAGRAM



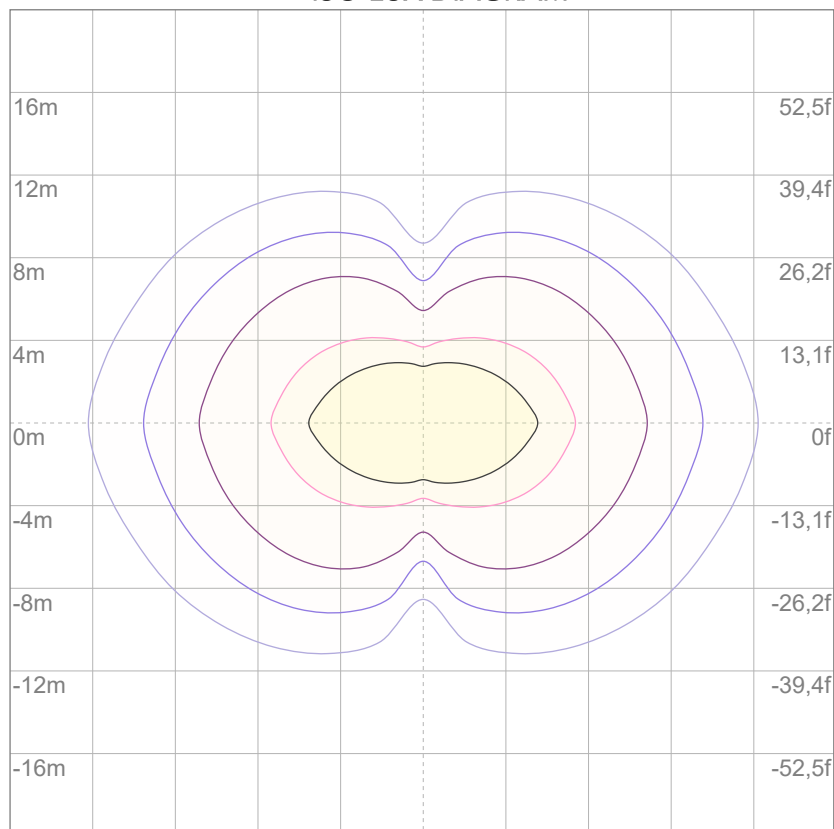
10%	715 cd
20%	1429 cd
30%	2144 cd
40%	2858 cd
50%	3573 cd
60%	4287 cd
70%	5002 cd
80%	5716 cd

Conditions:

Number of c-planes: 4

Candela at center: 7145 cd

ISO LUX DIAGRAM



3%	2,14 lx
5%	3,57 lx
10%	7,15 lx
30%	21,4 lx
50%	35,7 lx

Conditions:

Number of c-planes: 4

Lux at center: 71,5 lx

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