

B.FLEX mini



PHOTOMETRICS REPORT

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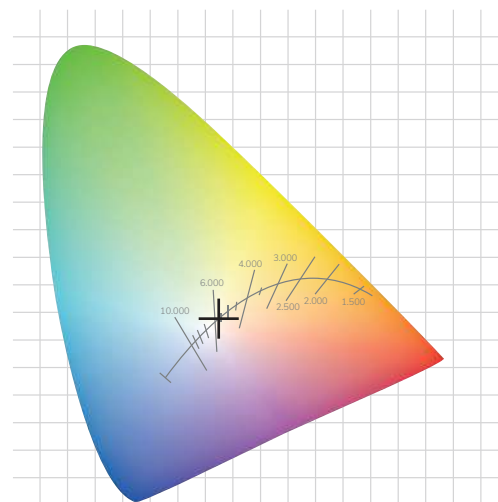
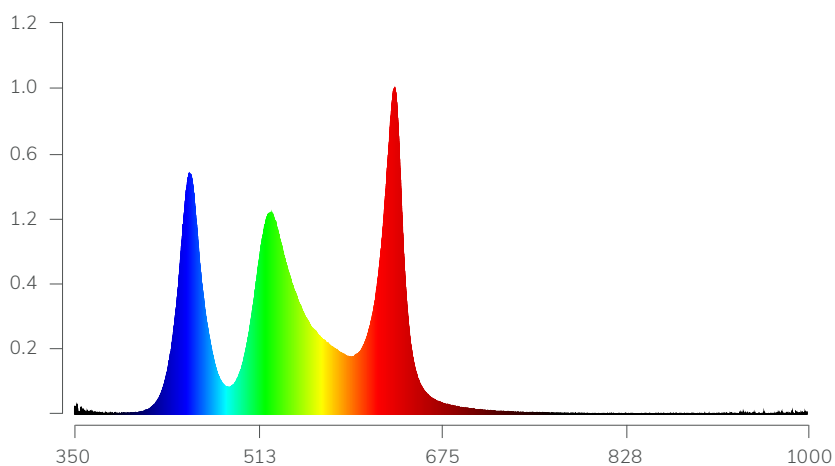
The B.FLEX/B.FLEX mini is a battery driven, dual light source fixture for professional use in indoor and outdoor applications such as wall washer, spotlight, deco-effect light and many more. The very narrow beam lens from centric LED, in combination with various filters and the single pixel controllable HALO EFX ring gives room for unlimited creativity. Due to the special designed dual-bayonet system all our one-size accessories like holographic filters, glare-shields or creative adaptors such as FLEX Light Tubes, HAT and HALO can be combined and fit tool-free to all FLEX models. Thanks to the inner bayonet, filters can be changed easily, from native 3° to circular 5°, 10°, 20°, and elliptical 5°x20° or 5°x30°. A special batwing filter creates a V-shaped beam as a wall wash effect for even more creative effects. One central high-power LED, in combination with twenty-four ultra-bright SMD LEDs create amazing, bi-color effects in wall-wash and deco-light applications. Due to its single pixel control, ROXX® HALO EFX engine allows advanced and creative effect possibilities and a stunning eye-candy look. The individual LED's can be controlled by any DMX source, or by using our internal preprogrammed Macro patterns and chasers. The versatile tool for wall-wash, bi-color, eye-candy effects and light tubes. The individual LED's can be controlled by any DMX, Wireless DMX (Lumenradio® CRMX), via bluetooth by ROXX.APP, or by using our internal preprogrammed Macro patterns and chasers. 6 different sized, white light tubes can be attached to the FLEX series, creating stunning deco effects. Combining the two light sources will create spectacular fading colors or fire effects, due to the different radiation angles. To prevent the B.FLEX/B.FLEX mini from theft a Kensington Security Slot is built inside.

Spectral Distribution
RGBL

Color Parameters RGBL | CALIBRATED

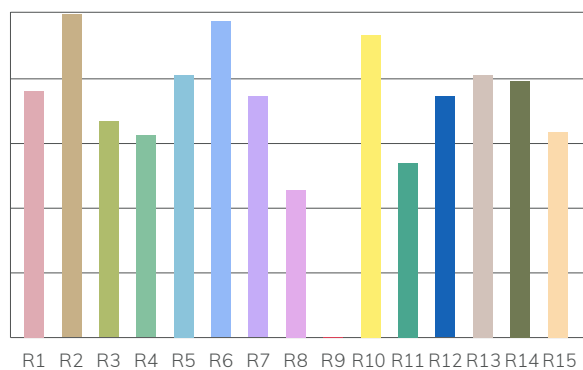
Luminous Flux (Calibrated)	Power Consumption	Color Temperature	Color Rendering Index	Television Lighting Consistency Index	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
520.78 lm	15,71 W	5.639 K	74.7	64.4	x 0.3292	y 0.3443

Spectrum



CIE 1931 EVERFINE
 $x = 0.3292$ | $y = 0.3443$
 CCT = 5.639 K

CRI: 74.7

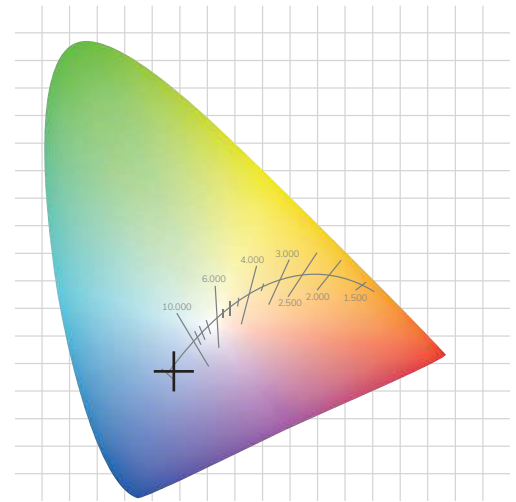
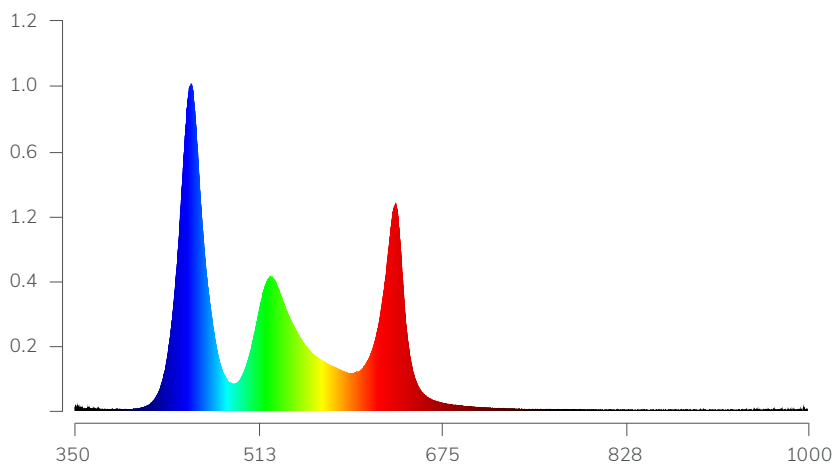


Spectral Distribution
RGBL

Color Parameters RGBL | RAW

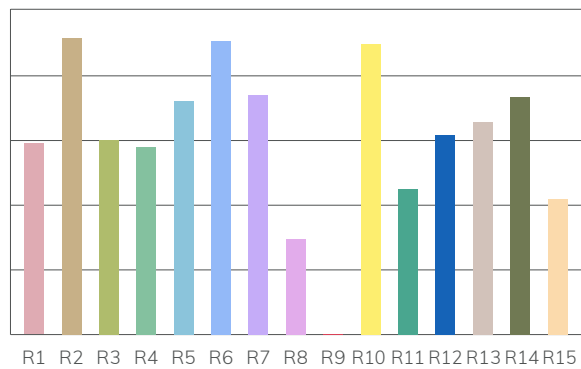
Luminous Flux (Calibrated)	Power Consumption	Color Temperature	Color Rendering Index	Television Lighting Consistency Index	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
544.15 lm	17,76 W	14.428 K	66.8	52.4	x 0.2751	y 0.2550

Spectrum



CIE 1931 EVERFINE
x = 0.2751 | y = 0.2550
CCT = 14.428 K

CRI: 66.8

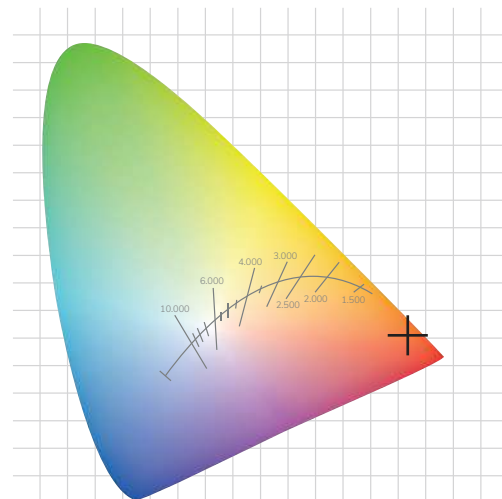
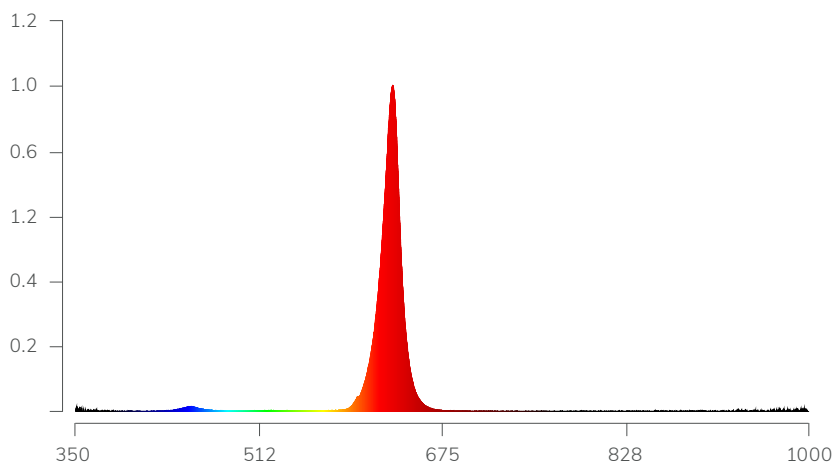


Spectral Distribution
RED

Color Parameters RED | CALIBRATED

Luminous Flux (Calibrated)	Power Consumption	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
98.862 lm	6.885 W	x 0.6735	y 0.2983

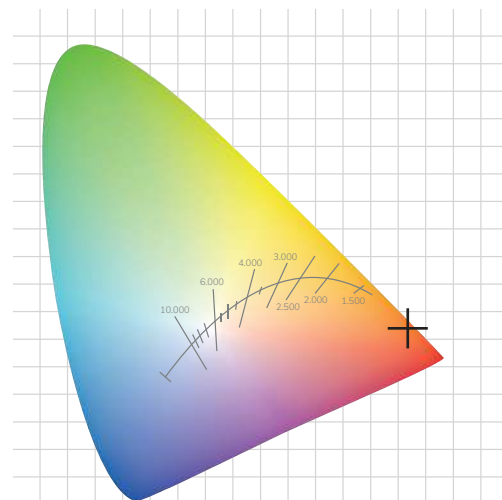
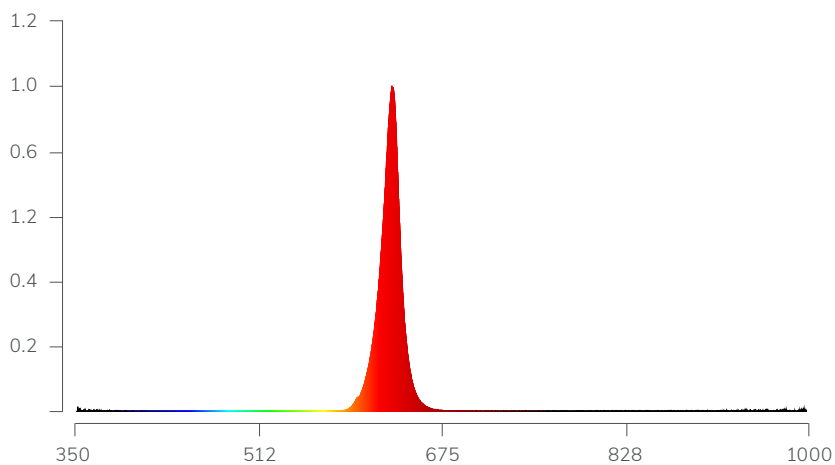
Spectrum

CIE 1931 EVERFINE
x = 0.6735 | y = 0.2983

Color Parameters RED | RAW

Luminous Flux (Raw)	Power Consumption	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
95.052 lm	6.763 W	x 0.6968	y 0.2961

Spectrum

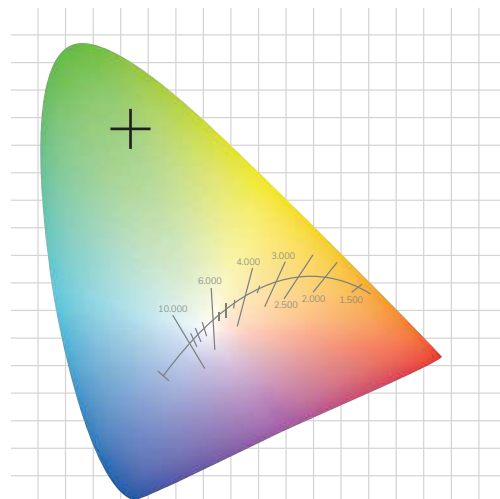
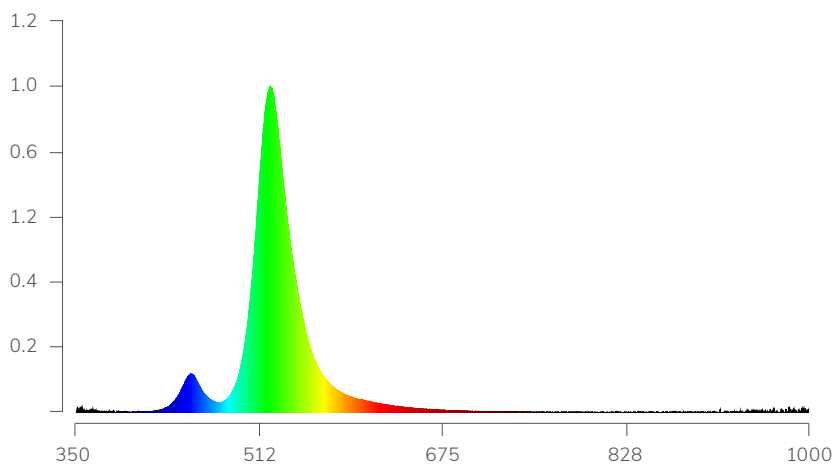
CIE 1931 EVERFINE
x = 0.6968 | y = 0.3028

Spectral Distribution
GREEN

Color Parameters GREEN | CALIBRATED

Luminous Flux (Calibrated)	Power Consumption	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
222.46lm	7.763 W	x 0.2069	y 0.6229

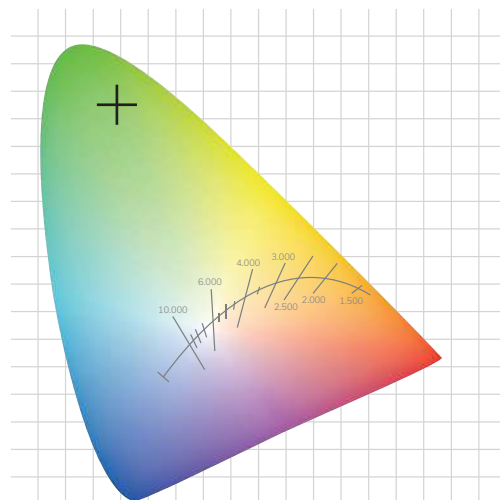
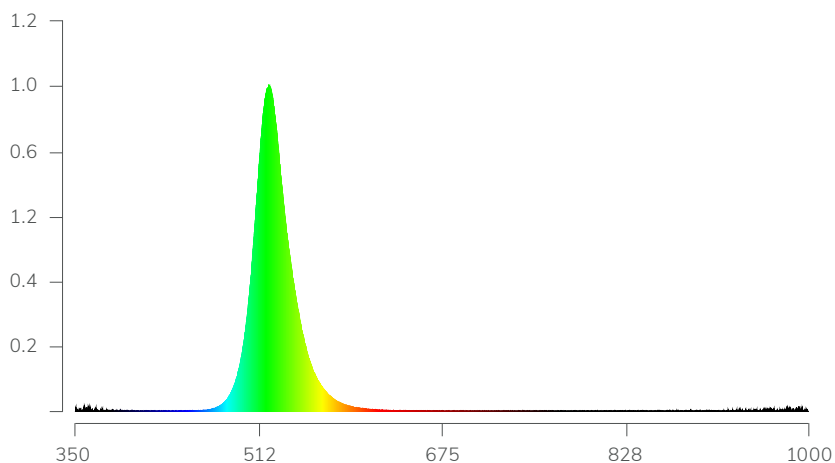
Spectrum

CIE 1931 EVERFINE
x = 0.2069 | y = 0.6229

Color Parameters GREEN | RAW

Luminous Flux (Raw)	Power Consumption	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
196.1lm	7.200 W	x 0.1786	y 0.7314

Spectrum

CIE 1931 EVERFINE
x = 0.1786 | y = 0.7314

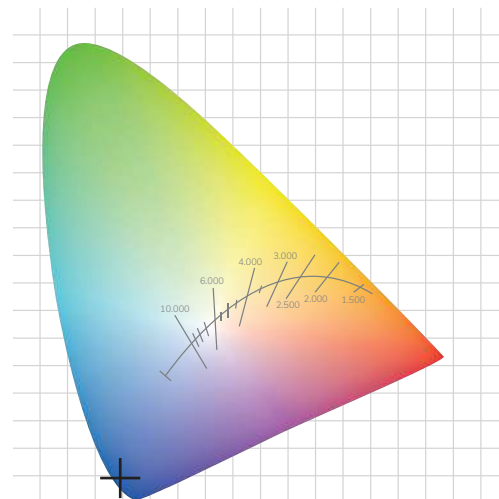
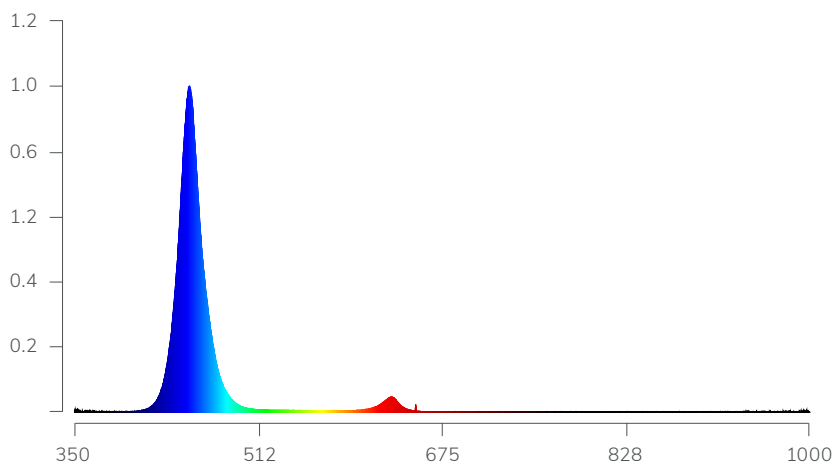
Spectral Distribution

BLUE

Color Parameters BLUE | CALIBRATED

Luminous Flux (Calibrated)	Power Consumption	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
50.577 lm	7.648 W	x 0.1635	y 0.0404

Spectrum

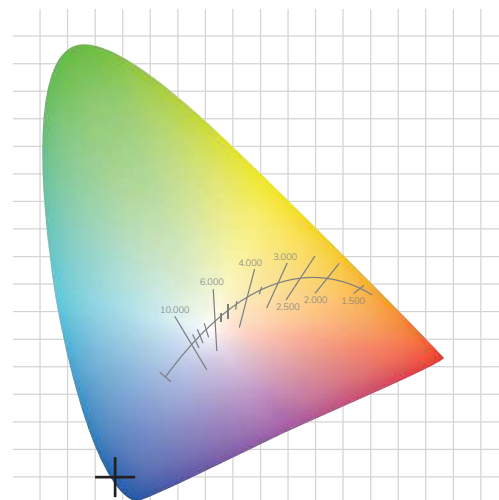
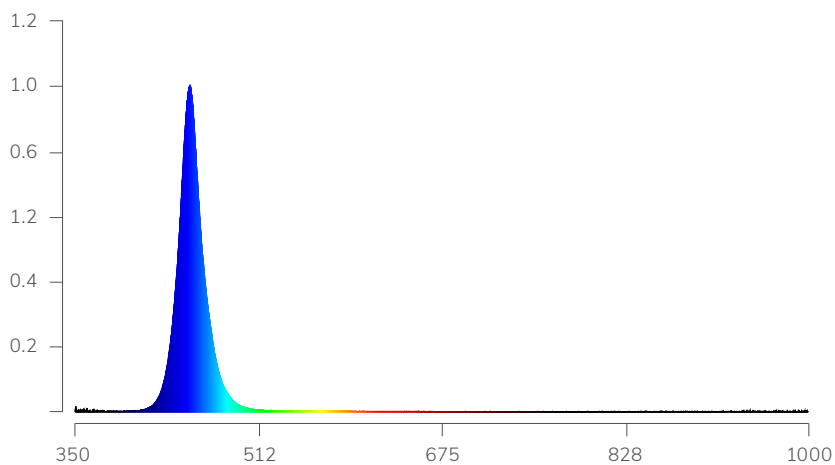


CIE 1931 EVERFINE
x = 0.1635 | y = 0.0404

Color Parameters BLUE | RAW

Luminous Flux (Raw)	Power Consumption	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
38.169 lm	7.366 W	x 0.1555	y 0.0312

Spectrum



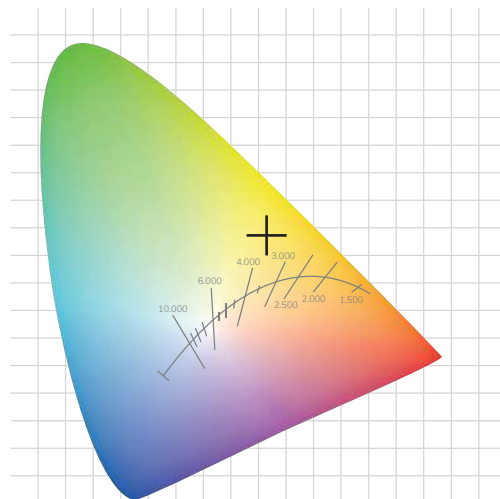
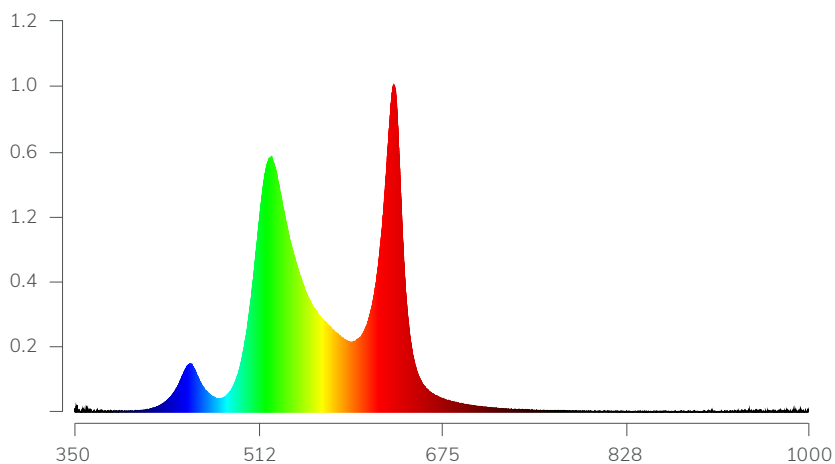
CIE 1931 EVERFINE
x = 0.1519 | y = 0.0312

Spectral Distribution
LIME

Color Parameters LIME | CALIBRATED

Luminous Flux (Calibrated)	Power Consumption	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
505.30 lm	13.63 W	x 0.3925	y 0.4954

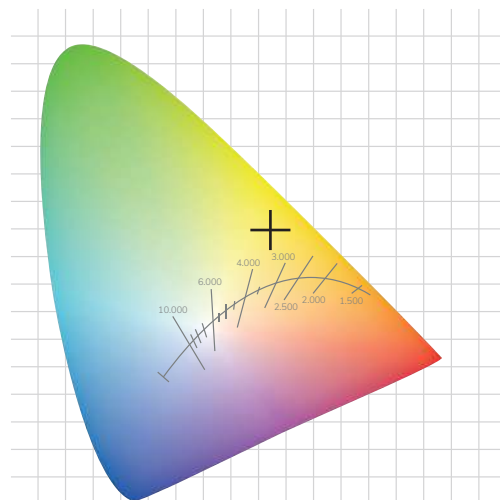
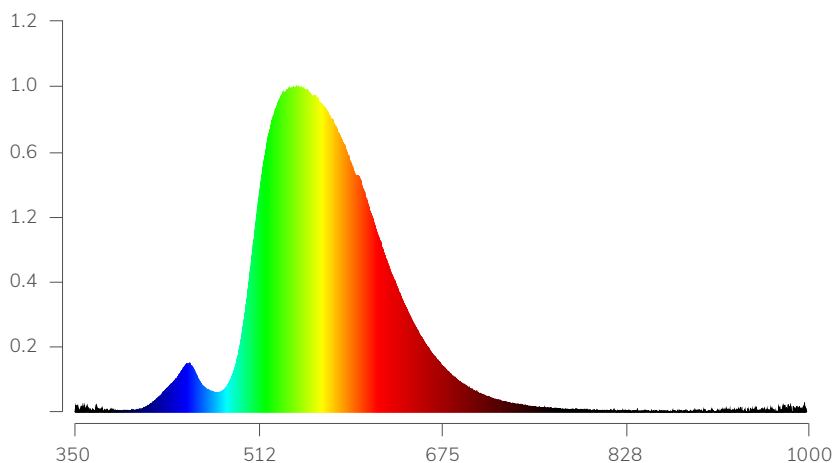
Spectrum

CIE 1931 EVERFINE
x = 0.3925 | y = 0.4954

Color Parameters LIME | RAW

Luminous Flux (Raw)	Power Consumption	Chromaticity Coordinate CIE 1931	Chromaticity Coordinate CIE 1931
255.19 lm	7.388 W	x 0.4082	y 0.5166

Spectrum

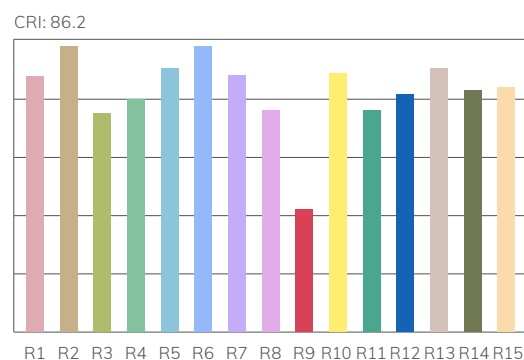
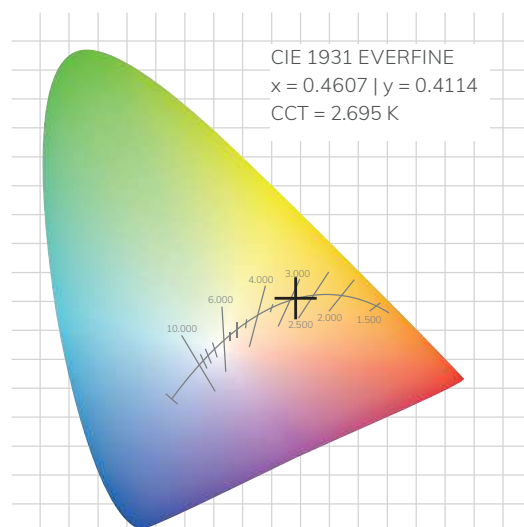
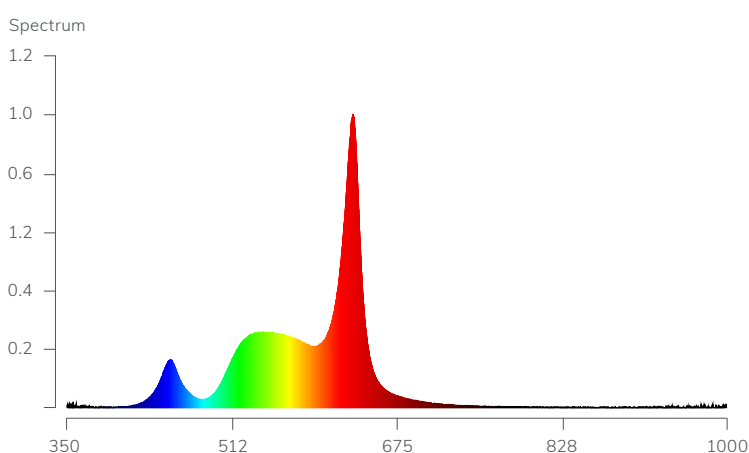
CIE 1931 EVERFINE
x = 0.4082 | y = 0.5166

Chromaticity Reports

2.700 Kelvin – Bulb White

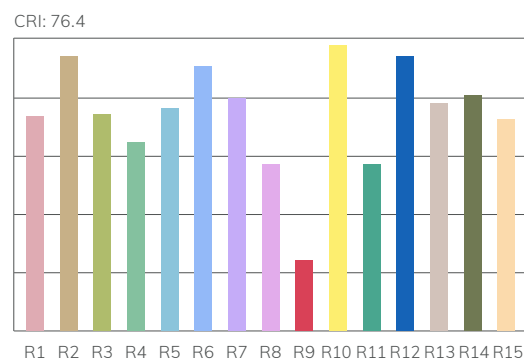
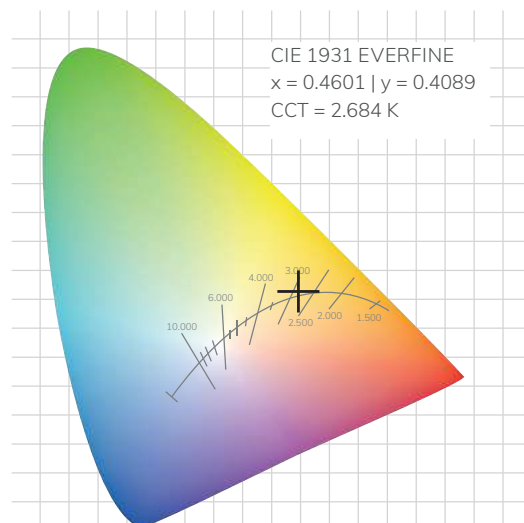
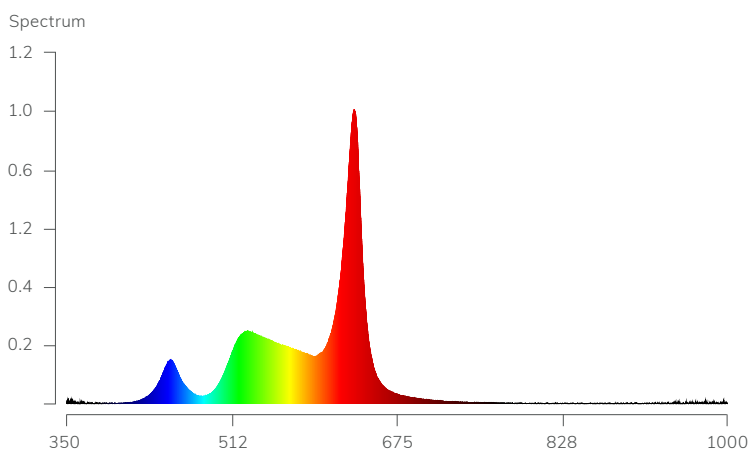
Report Summary 2.700 Kelvin – Bulb White/CALIBRATED

Photometrical Parameters	Electrical Parameters
Total Lumens: 323.54lm	Power Consumption: 9.992 W
Fixture Efficacy: 32.38lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 2.695 Kelvin	Current: 0.07268 A
CRI/Ra: 86.2	Power Factor: 0.6249
TLCI: 74.8	
Chromaticity Coordinate CIE 1931: x 0.4607 y 0.4114	



Report Summary 2.700 Kelvin – Bulb White/RAW

Photometrical Parameters	Electrical Parameters
Total Lumens: 371.04 lm	Power Consumption: 11.57 W
Fixture Efficacy: 32.07lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 2.684 Kelvin	Current: 0.08125 A
CRI/Ra: 76.4	Power Factor: 0.6473
TLCI: 69.2	
Chromaticity Coordinate CIE 1931: x 0.4601 y 0.4089	



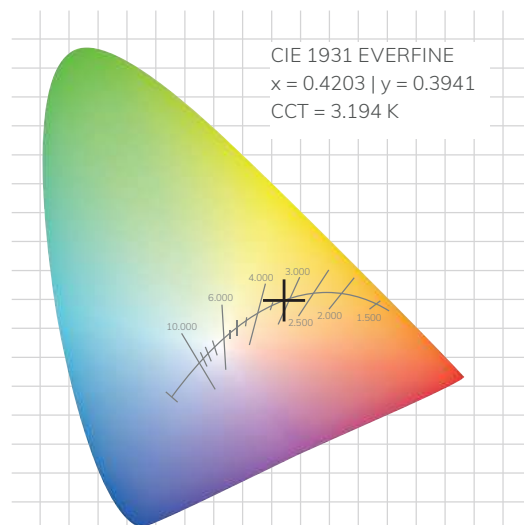
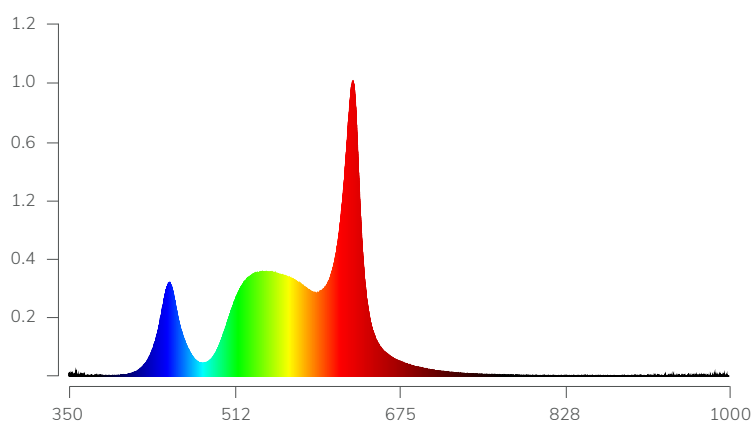
Chromaticity Reports

3.200 Kelvin – Halogen White

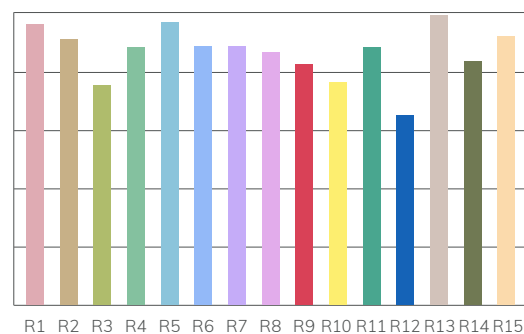
Report Summary 3.200 Kelvin – Halogen White/Calibrated

Photometrical Parameters	Electrical Parameters
Total Lumens: 303.80lm	Power Consumption: 9.440W
Fixture Efficacy: 32.18lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 3.194 Kelvin	Current: 0.06936 A
CRI/Ra: 89.3	Power Factor: 0.6187
TLCI: 78.9	
Chromaticity Coordinate CIE 1931: x 0.4242 y 0.4001	

Spectrum



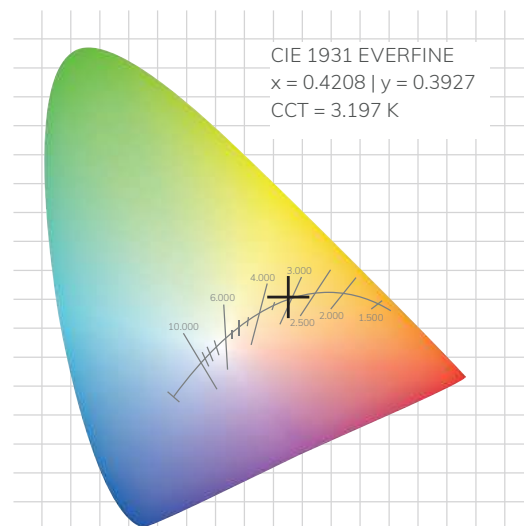
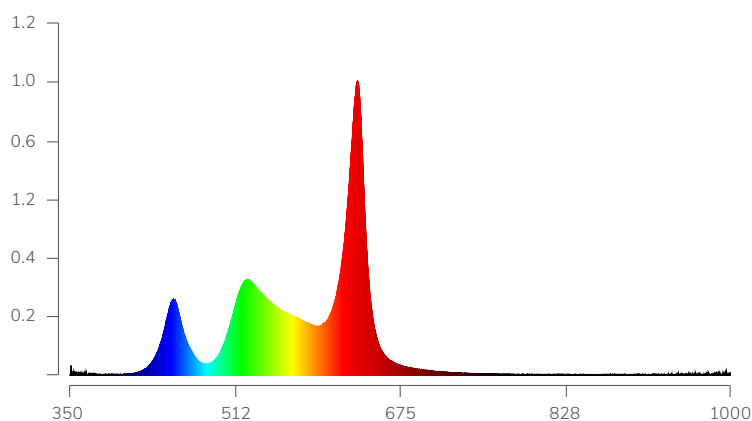
CRI: 89.3



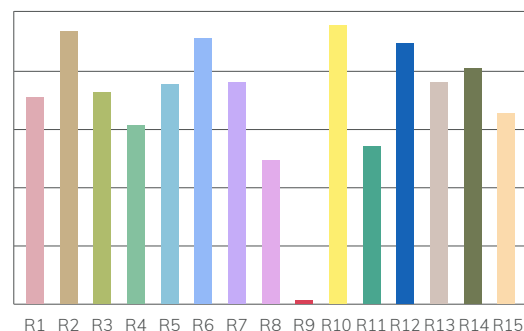
Report Summary 3.200 Kelvin – Halogen White/RAW

Photometrical Parameters	Electrical Parameters
Total Lumens: 402.04lm	Power Consumption: 12.37W
Fixture Efficacy: 32.50lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 3.197 Kelvin	Current: 0.08587 A
CRI/Ra: 73.8	Power Factor: 0.6548
TLCI: 69.5	
Chromaticity Coordinate CIE 1931: x 0.4208 y 0.3927	

Spectrum



CRI: 73.8



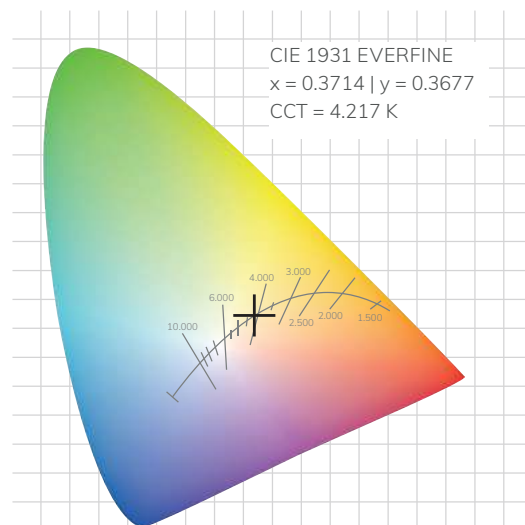
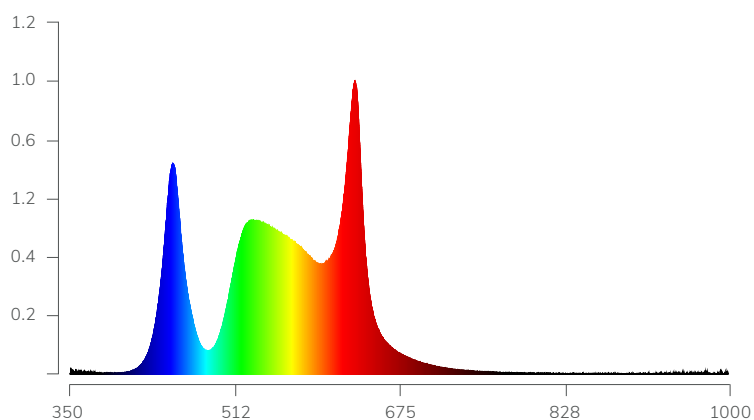
Chromaticity Reports

4.200 Kelvin – Natural White

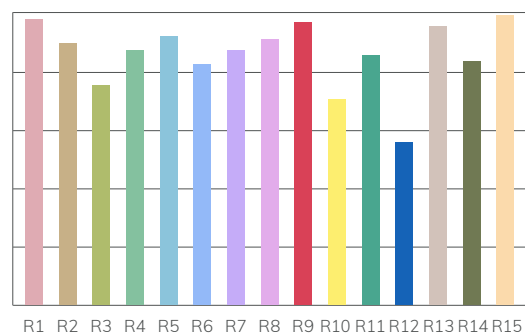
Report Summary 4.200 Kelvin – Natural White/CALIBRATED

Photometrical Parameters	Electrical Parameters
Total Lumens: 308.43lm	Power Consumption: 9.544 W
Fixture Efficacy: 32.32lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 4.217 Kelvin	Current: 0.07039 A
CRI/Ra: 88.8	Power Factor: 0.6163
TLCI: 79.9	
Chromaticity Coordinate CIE 1931: x 0.3713 y 0.3709	

Spectrum



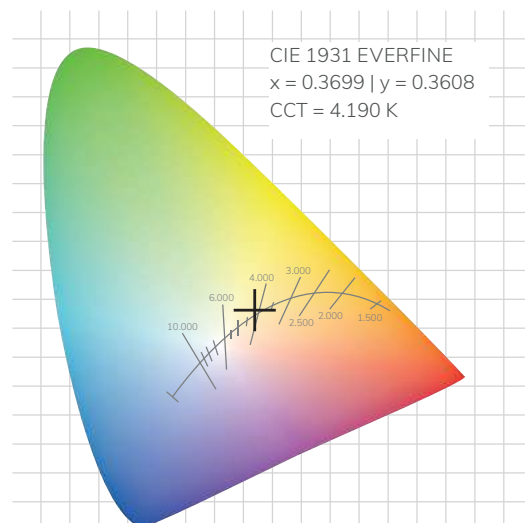
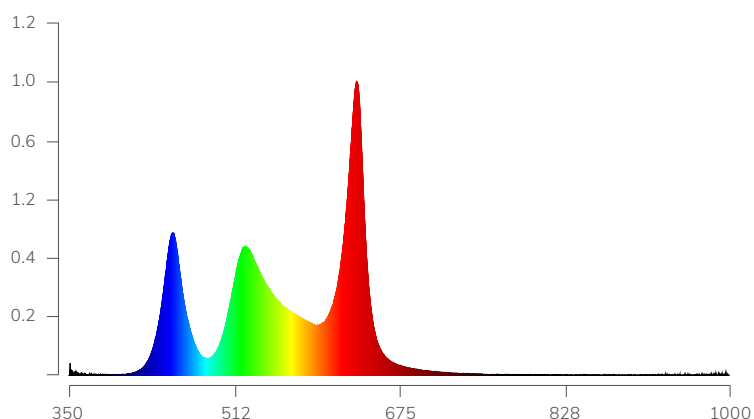
CRI: 88.8



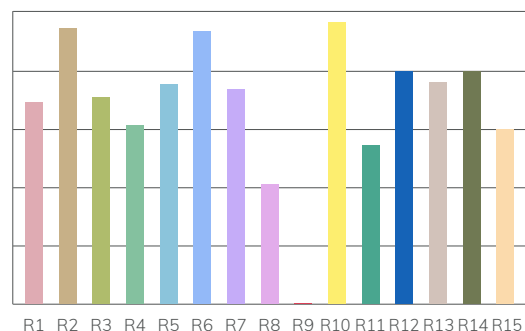
Report Summary 4.200 Kelvin – Natural White/RAW

Photometrical Parameters	Electrical Parameters
Total Lumens: 447.85lm	Power Consumption: 37.50W
Fixture Efficacy: 32.63lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 4.190 Kelvin	Current: 0.2321 A
CRI/Ra: 72.3	Power Factor: 0.7344
TLCI: 68.7	
Chromaticity Coordinate CIE 1931: x 0.3699 y 0.3608	

Spectrum



CRI: 72.3



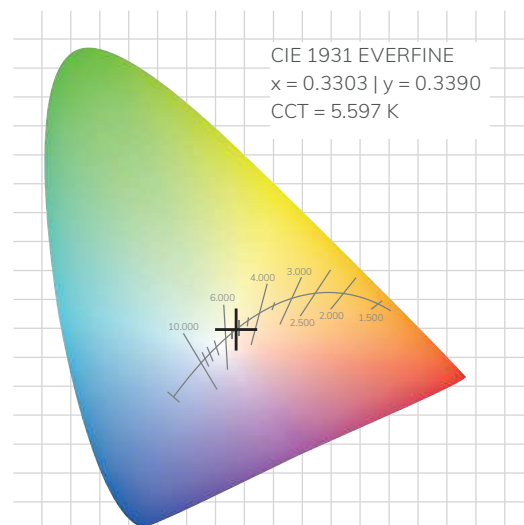
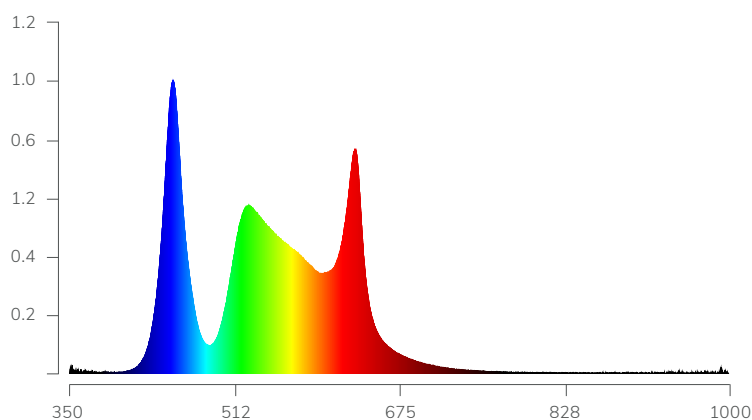
Chromaticity Reports

5.600 Kelvin – Daylight White

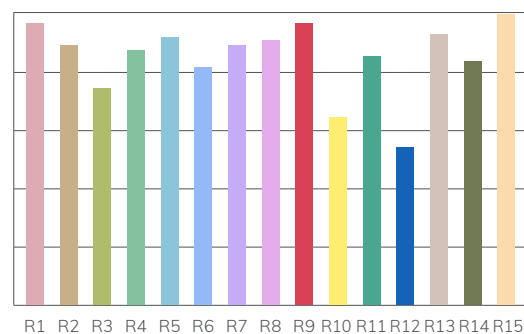
Report Summary 5.600 Kelvin – Daylight White/CALIBRATED

Photometrical Parameters	Electrical Parameters
Total Lumens: 325.12lm	Power Consumption: 10.10 W
Fixture Efficacy: 32.20lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 5.597 Kelvin	Current: 0.07363 A
CRI/Ra: 87.9	Power Factor: 0.6234
TLCI: 82.1	
Chromaticity Coordinate CIE 1931: x 0.3303 y 0.3390	

Spectrum



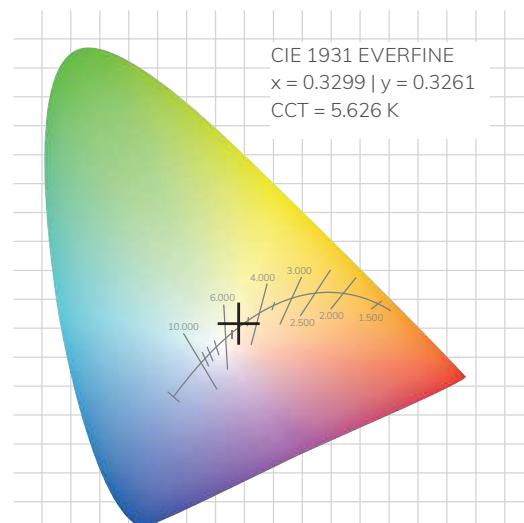
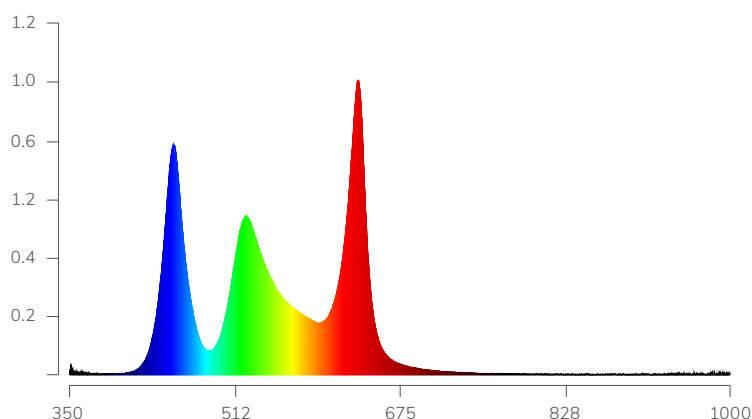
CRI: 87.9



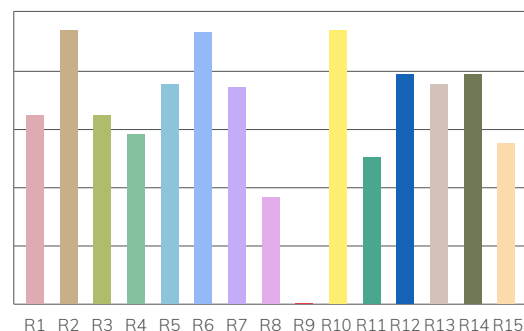
Report Summary 5.600 Kelvin – Daylight White/RAW

Photometrical Parameters	Electrical Parameters
Total Lumens: 484.12lm	Power Consumption: 15.12 W
Fixture Efficacy: 32.02lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 5.626 Kelvin	Current: 0.1026 A
CRI/Ra: 70.4	Power Factor: 0.6702
TLCI: 64.5	
Chromaticity Coordinate CIE 1931: x 0.3299 y 0.3261	

Spectrum



CRI: 70.4



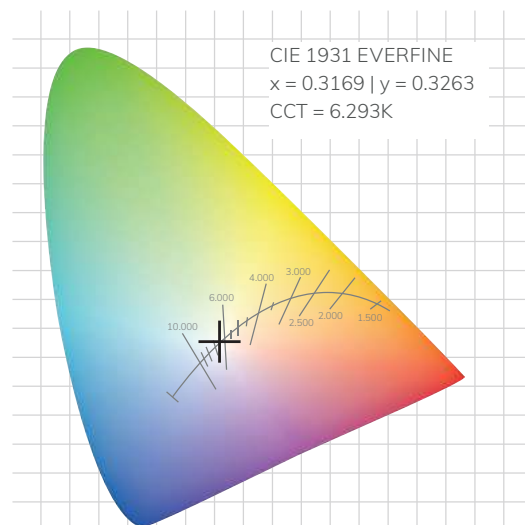
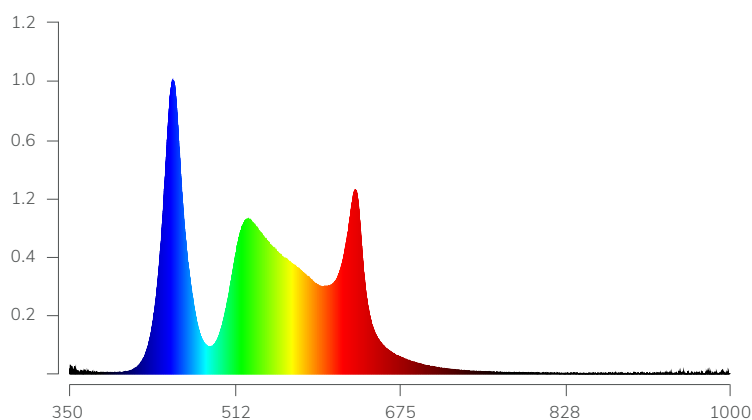
Chromaticity Reports

6.300 Kelvin – Cold White

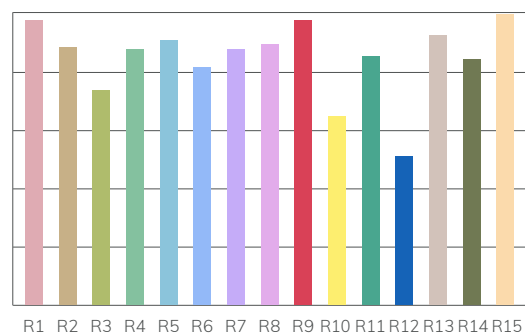
Report Summary 6.300 Kelvin – Cold White/CALIBRATED

Photometrical Parameters	Electrical Parameters
Total Lumens: 331.05lm	Power Consumption: 10.31 W
Fixture Efficacy: 32.11lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 6.293 Kelvin	Current: 0.07505 A
CRI/Ra: 87.7	Power Factor: 0.6245
TLCI: 82.8	
Chromaticity Coordinate CIE 1931: x 0.3169 y 0.3263	

Spectrum



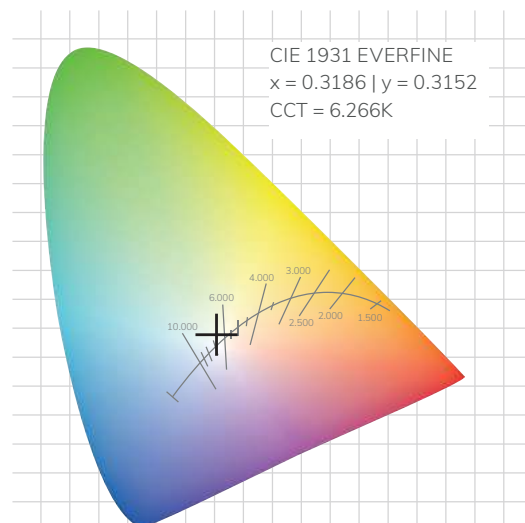
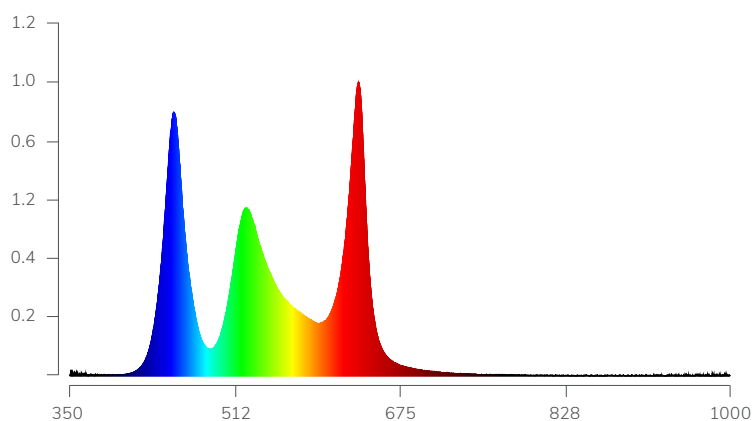
CRI: 87.7



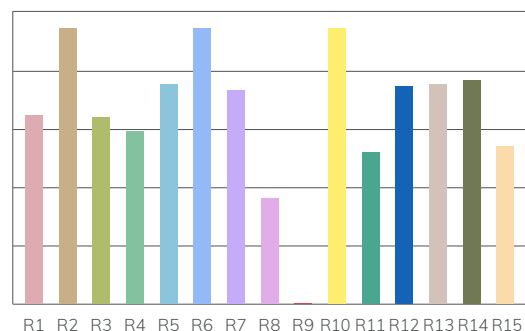
Report Summary 6.300 Kelvin – Cold White/RAW

Photometrical Parameters	Electrical Parameters
Total Lumens: 494.44lm	Power Consumption: 15.53W
Fixture Efficacy: 31.84lm/W	AC Supply: 220.0 V, 50.01Hz
CCT: 6.266Kelvin	Current: 0.1055 A
CRI/Ra: 70.5	Power Factor: 0.6690
TLCI: 62.5	
Chromaticity Coordinate CIE 1931: x 0.3186 y 0.3152	

Spectrum



CRI: 70.5



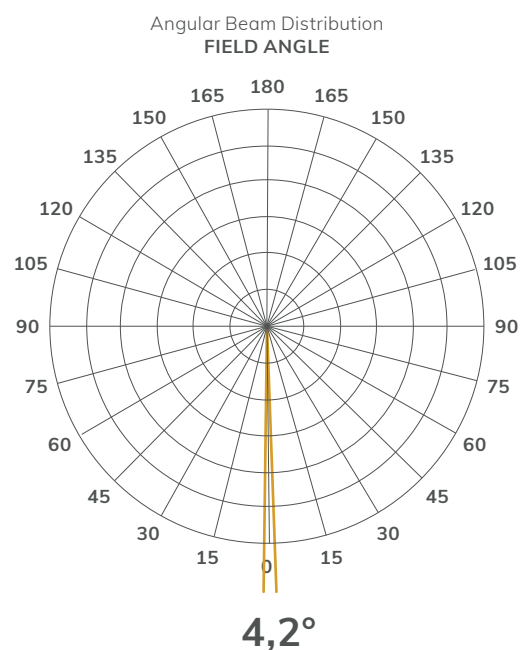
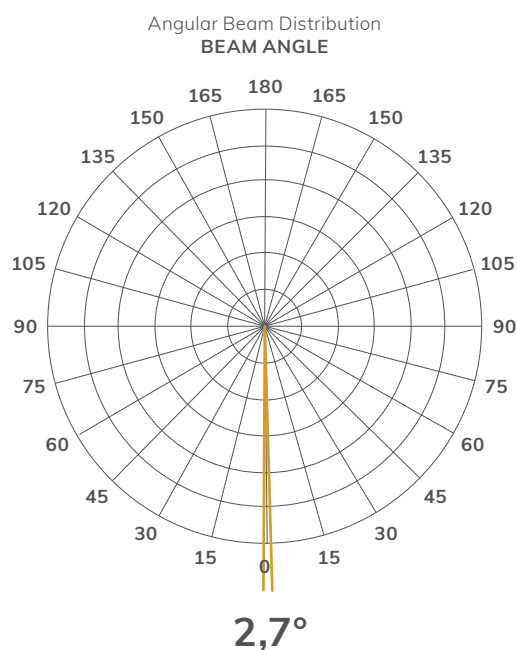
Photometric Report

Native (TIR Lens only)

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Total Lumens: 900.92lm	Beam Angle (50%): 2,7°	Power Consumption: 40.60W
Illuminance @ 3m: 5.200lx	Field Angle (10%): 4,2°	AC Supply: 219,9 V, 50Hz
Fixture Efficacy: 22.19 lm/W		Current: 0.2452 A
		Power Factor: 0.7532

Beam Details



Distance (meter)
Distance (feet)

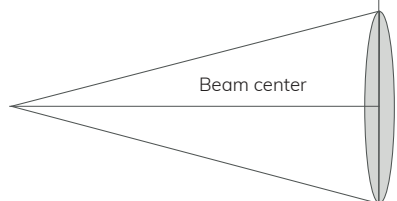
3m
9.8ft

5.200lx

Lux*



*measures at
center of beam



Beam width (cm/feet)

Beam Angle 2,7°

Field Angle 4,2°

28 / 45

Filter (Light Shaping Diffusors)	Beam / Field Angle	Distance	
		3m/9.8ft	
		Diameter (beam angle / field angle)	Illuminance lux
Native (TIR Lens only)	2,7° / 4,2°	28 / 45cm	5.200lx

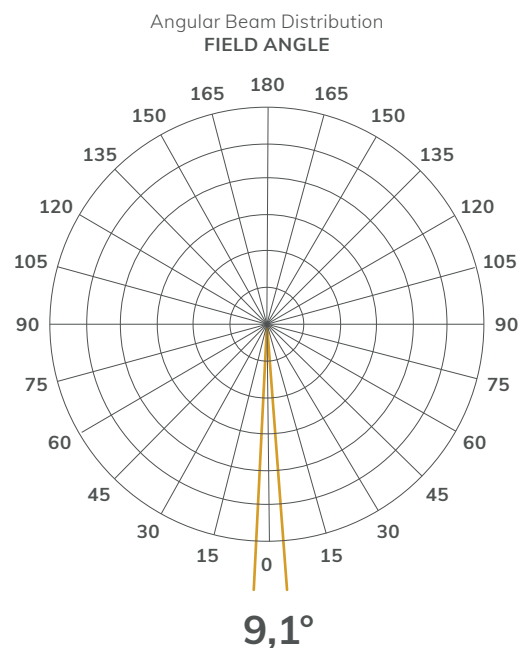
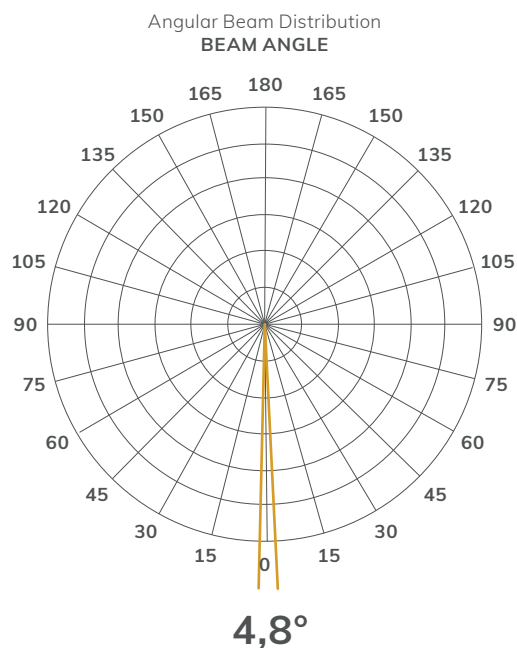
Photometric Report

5° Filter

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Total Lumens: 900.92lm	Beam Angle (50%): 4,8°	Power Consumption: 40.60W
Illuminance @ 3m: 1.353lx	Field Angle (10%): 9,1°	AC Supply: 219,9 V, 50Hz
Fixture Efficacy: 22.19 lm/W		Current: 0.2452 A
		Power Factor: 0.7532

Beam Details



Distance (meter)
Distance (feet)

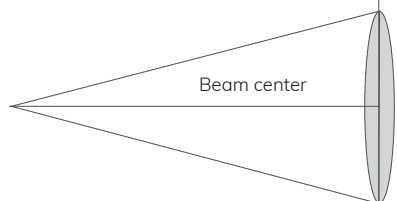
3m
9.8ft

1.353lx

Lux*



*measures at
center of beam



Beam width (cm/feet)

Beam Angle 4,8°

Field Angle 9,1°

50 / 96

Filter (Light Shaping Diffusers)	Beam / Field Angle	Distance	
		3m/9.8ft	
		Diameter (beam angle / field angle)	Illuminance lux
5° Filter	4,8° / 9,1°	50 / 96cm	1.353lx

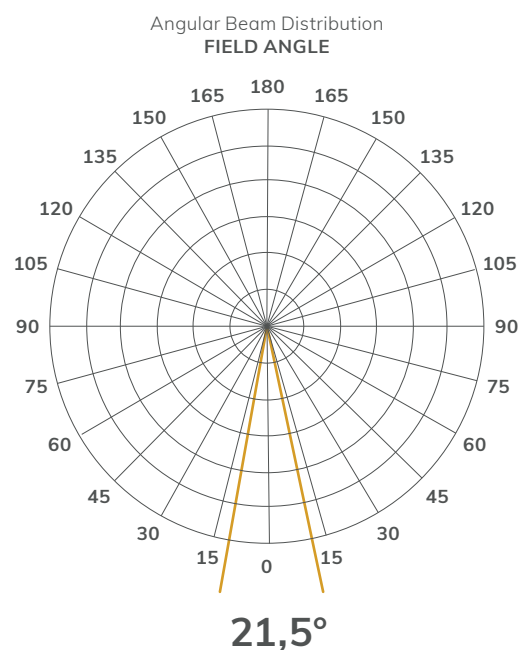
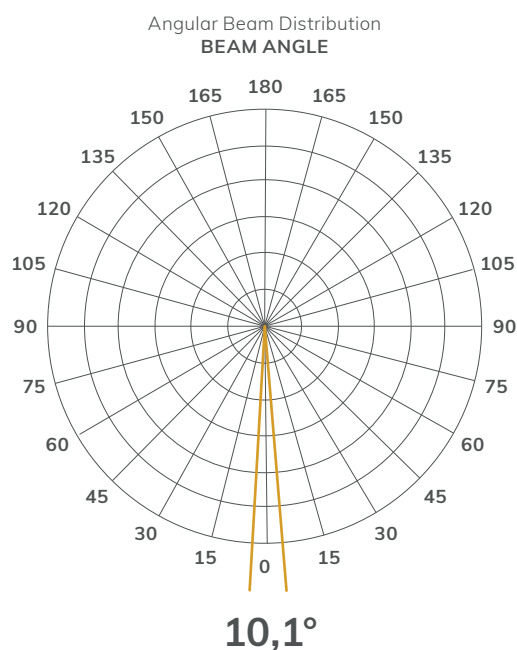
Photometric Report

10° Filter

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Total Lumens: 900.92lm	Beam Angle (50%): 10,1°	Power Consumption: 40.60W
Illuminance @ 3m: 343lx	Field Angle (10%): 21,5°	AC Supply: 219,9 V, 50Hz
Fixture Efficacy: 22.19 lm/W		Current: 0.2452 A
		Power Factor: 0.7532

Beam Details



Distance (meter)
Distance (feet)

3m
9.8ft

343lx

Lux*



*measures at
center of beam

Beam center

Beam width (cm/feet)

Beam Angle 10,1°

Field Angle 21,5°

106 / 228

Filter (Light Shaping Diffusors)	Beam / Field Angle	Distance	
		3m/9.8ft	
		Diameter (beam angle / field angle)	Illuminance lux
10° Filter	10,1° / 21,5°	106 / 228cm	343lx

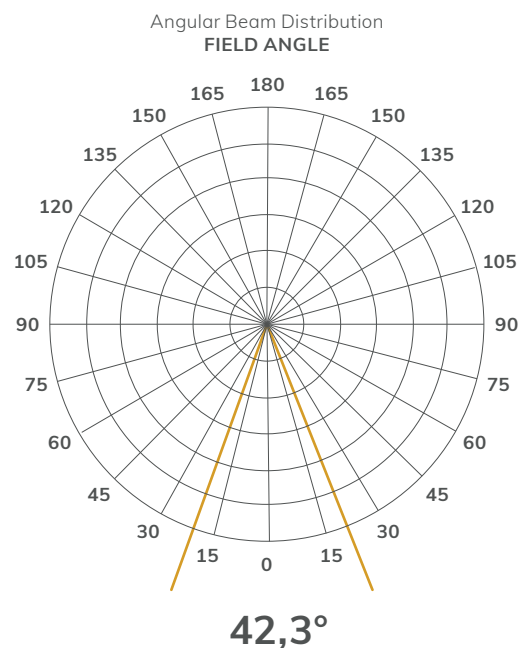
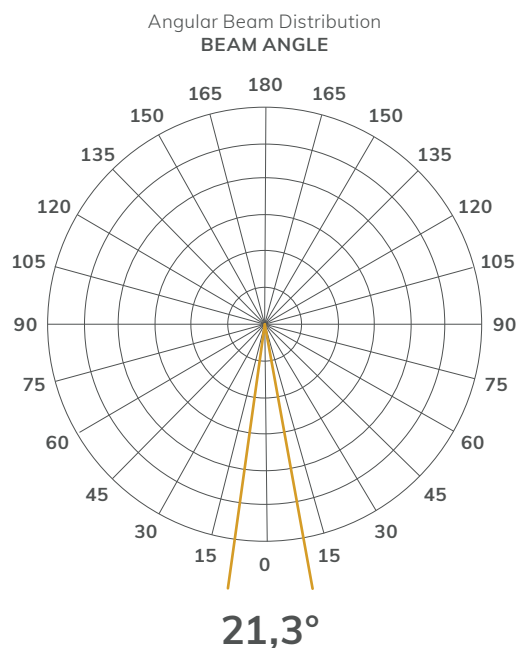
Photometric Report

20° Filter

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Total Lumens: 900.92lm	Beam Angle (50%): 21,3°	Power Consumption: 40.60W
Illuminance @ 3m: 96lx	Field Angle (10%): 42,3°	AC Supply: 219,9 V, 50Hz
Fixture Efficacy: 22.19 lm/W		Current: 0.2452 A
		Power Factor: 0.7532

Beam Details

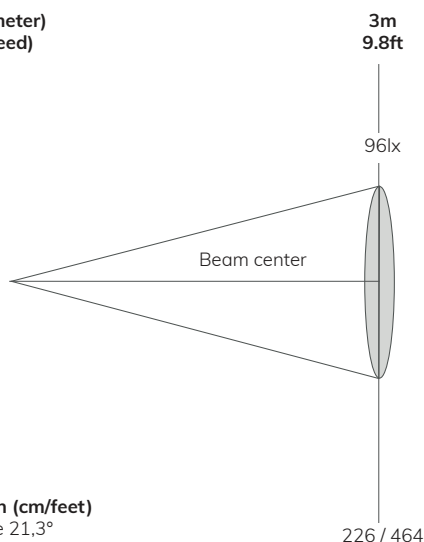


Distance (meter)
Distance (feet)

3m
9.8ft



*measures at
center of beam



Beam width (cm/feet)
Beam Angle 21,3°
Field Angle 42,3°

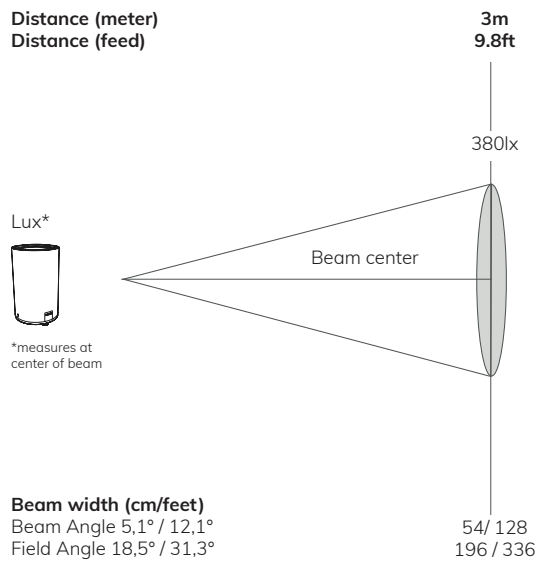
Filter (Light Shaping Diffusors)	Beam / Field Angle	Distance	
		3m/9.8ft	
		Diameter (beam angle / field angle)	Illuminance lux
20° Filter	21,3° / 42,3°	226 / 464cm	96lx

Photometric Report

5° x 20° Filter

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Total Lumens: 900.92lm	Beam Angle (50%): 5,1° / 12,1°	Power Consumption: 40.60W
Illuminance @ 3m: 380lx	Field Angle (10%): 18,5° / 31,3°	AC Supply: 219,9 V, 50Hz
Fixture Efficacy: 22.19 lm/W		Current: 0.2452 A
		Power Factor: 0.7532



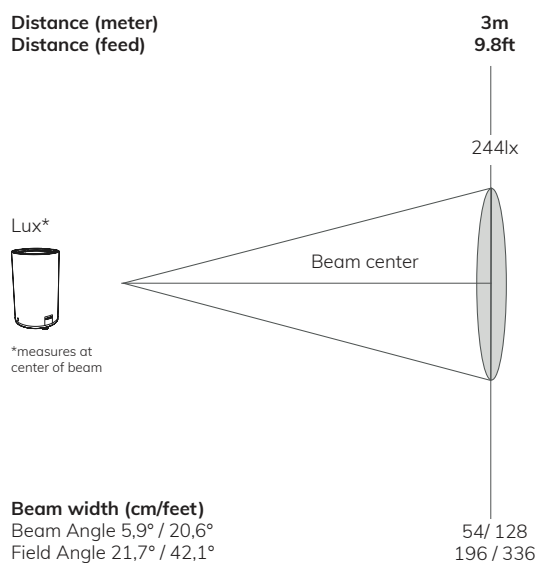
Filter (Light Shaping Diffusors)	Beam / Field Angle	Distance	
		3m/9.8ft	
		Diameter (beam angle / field angle)	Illuminance lux
5° x 20° Filter	5,1° / 12,1° 18,5° / 31,3°	54/ 128cm 196 / 336cm	380lx

Photometric Report

5° x 30° Filter

Report Summary

Photometrical Parameters	Optical Parameters	Electrical Parameters
Total Lumens: 900.92lm	Beam Angle (50%): 5,9° / 20,6°	Power Consumption: 40.60W
Illuminance @ 3m: 244lx	Field Angle (10%): 21,7° / 42,1°	AC Supply: 219,9 V, 50Hz
Fixture Efficacy: 22.19 lm/W		Current: 0.2452 A
		Power Factor: 0.7532



Filter (Light Shaping Diffusors)	Beam / Field Angle	Distance	
		3m/9.8ft	
		Diameter (beam angle / field angle)	Illuminance lux
5° x 30° Filter	5,9° / 20,6° 21,7° / 42,1°	54 / 128cm 196 / 336cm	244lx

