

FL200-RGBW40K-OM-10x60-ELV (GR)

PRODUCT PHOTOMETRIC REPORT



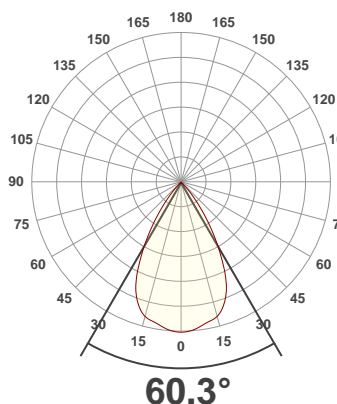
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191016-885

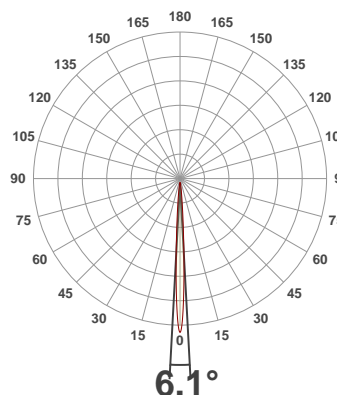
DATE OF MEASUREMENT: 2019-10-16

SIZE (dia. x h): 430 mm x 85 mm

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



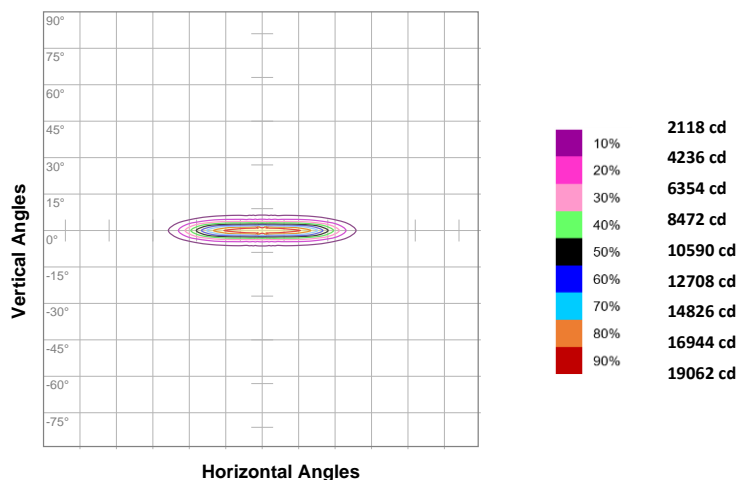
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 3152 lm
 EFFICACY: 57 lm/W
 PEAK INTENSITY: 21192 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

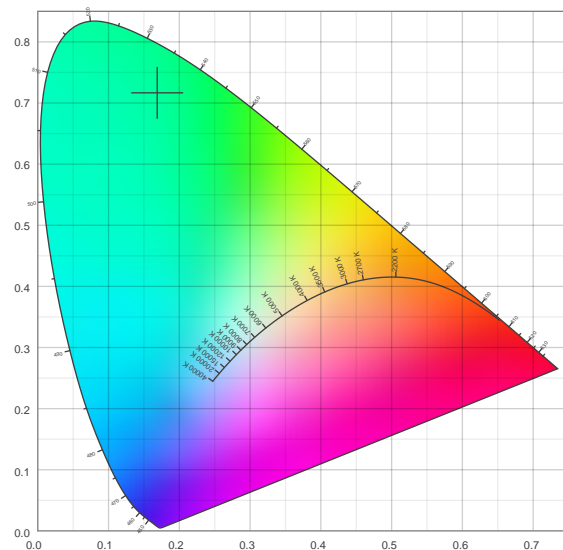
BEAM ANGLE (FWHM) | C0/180: 60.3°
 BEAM ANGLE (FWHM) | C90/270: 6.1°
 FIELD ANGLE (10%) | C0/180: 85.8°
 FIELD ANGLE (10%) | C90/270: 14.2°
 NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

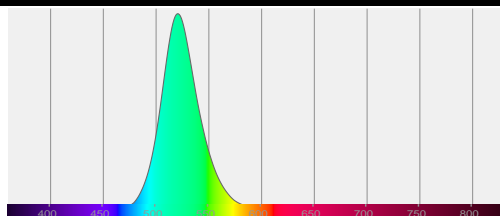


INPUT POWER: 55.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 6.54 mW
 PEAK WAVELENGTH: 521 nm
 DOMINANT WAVELENGTH: 527 nm

CIE 1931



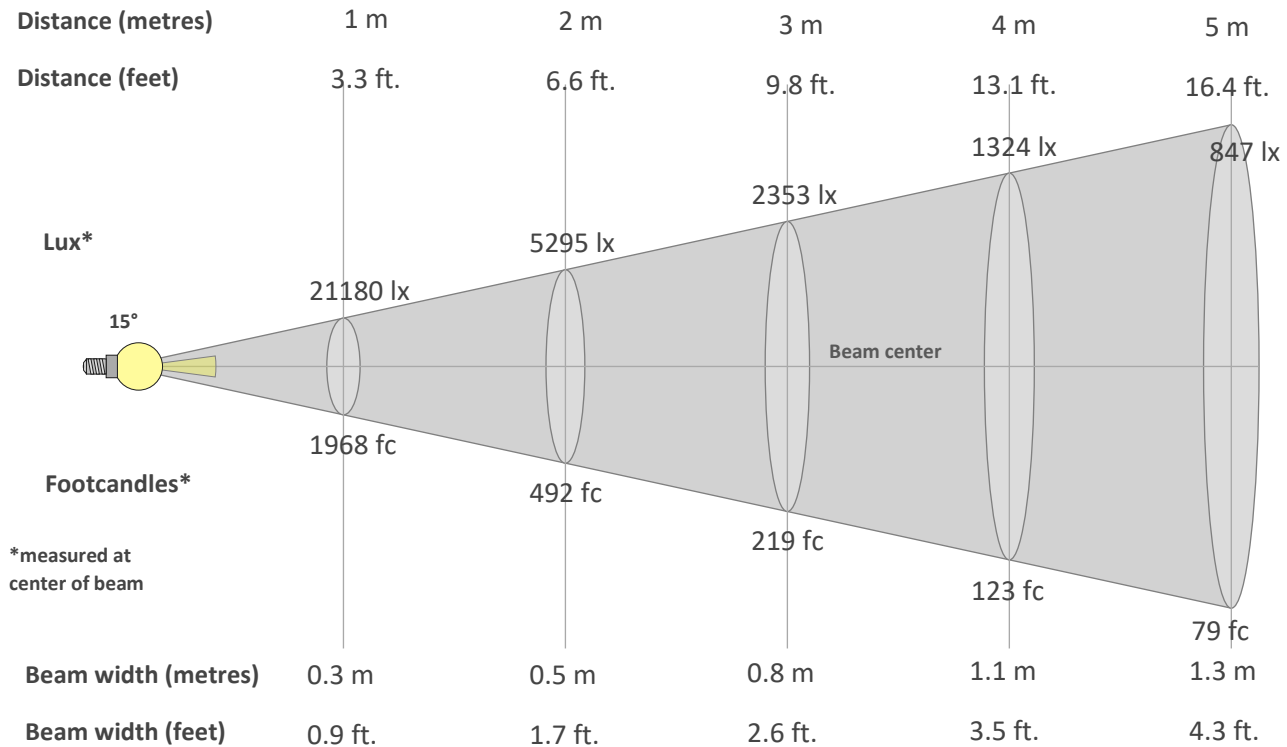
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.169
 y: 0.717
 u: 0.060
 v: 0.382
 Δuv: n/a

BEAM DETAILS



Beam intensity from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
21180lx	5295lx	2353lx	1324lx	847lx	588lx	432lx	331lx	261lx	212lx	175lx	147lx	125lx	108lx	94lx	83lx	73lx	65lx	59lx	53lx
1967.7fc	491.9fc	218.6fc	123fc	78.7fc	54.7fc	40.2fc	30.7fc	24.3fc	19.7fc	16.3fc	13.7fc	11.6fc	10fc	8.7fc	7.7fc	6.8fc	6.1fc	5.5fc	4.9fc

Intensity in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
21.2K	21.2K	21.1K	21.1K	21.0K	20.9K	20.8K	20.6K	20.5K	20.4K	20.2K	20.1K	20.0K	19.9K	19.8K	19.6K	19.4K	19.2K	18.8K	18.5K
100%	100%	100%	99%	99%	99%	98%	97%	97%	96%	95%	95%	94%	94%	94%	93%	92%	90%	89%	87%

Intensity in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
21.2K	19.5K	15.4K	10.9K	7.1K	4.7K	3.1K	2.2K	1.6K	1.2K	0.9K	0.7K	0.6K	0.5K	0.4K	0.3K	0.3K	0.3K	0.3K	0.2K
100%	92%	73%	51%	34%	22%	15%	10%	7%	6%	4%	3%	3%	2%	2%	2%	1%	1%	1%	1%

Intensity in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
21.2K	21.2K	21.1K	21.1K	21.0K	20.9K	20.8K	20.6K	20.5K	20.4K	20.2K	20.1K	20.0K	19.9K	19.8K	19.6K	19.4K	19.2K	18.8K	18.5K
100%	100%	100%	99%	99%	99%	98%	97%	97%	96%	95%	95%	94%	94%	94%	93%	92%	90%	89%	87%

Intensity in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
21.2K	19.5K	15.4K	10.9K	7.1K	4.7K	3.1K	2.2K	1.6K	1.2K	0.9K	0.7K	0.6K	0.5K	0.4K	0.3K	0.3K	0.3K	0.3K	0.2K
100%	92%	73%	51%	34%	22%	15%	10%	7%	6%	4%	3%	3%	2%	2%	2%	1%	1%	1%	1%