

FL200-RGBW40K-OM-10x40-ELV (GR)

PRODUCT PHOTOMETRIC REPORT



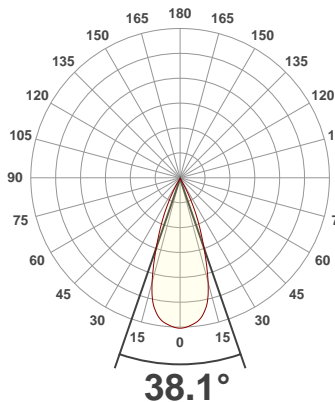
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191017-897

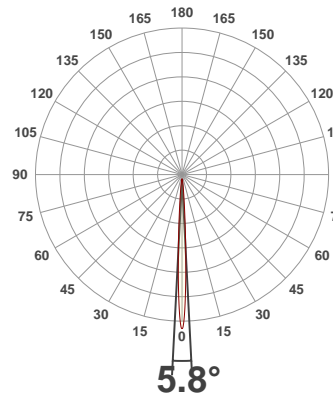
DATE OF MEASUREMENT: 2019-10-17

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



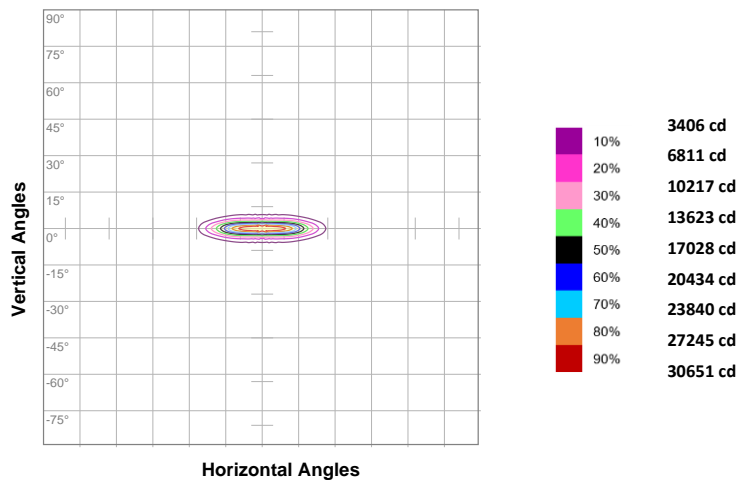
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 3100 lm
 EFFICACY: 56 lm/W
 PEAK INTENSITY: 34088 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

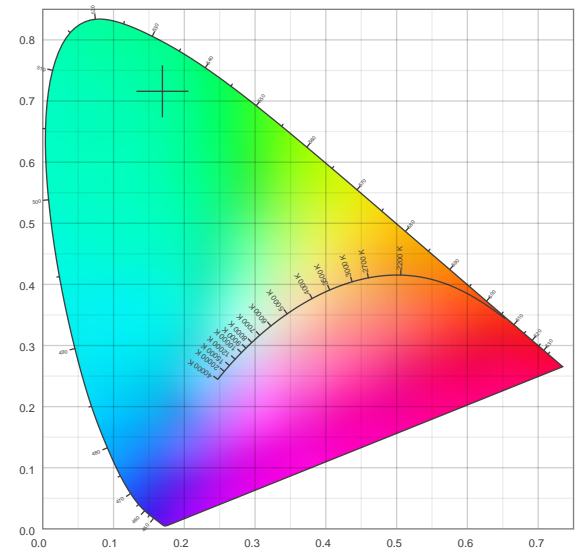
BEAM ANGLE (FWHM) | C0/180: 38.1°
 BEAM ANGLE (FWHM) | C90/270: 5.8°
 FIELD ANGLE (10%) | C0/180: 58.1°
 FIELD ANGLE (10%) | C90/270: 13.1°
 NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

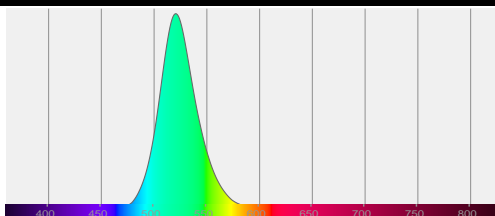


INPUT POWER: 55.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 6.44 mW
 PEAK WAVELENGTH: 521 nm
 DOMINANT WAVELENGTH: 527 nm

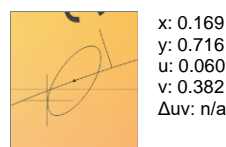
CIE 1931



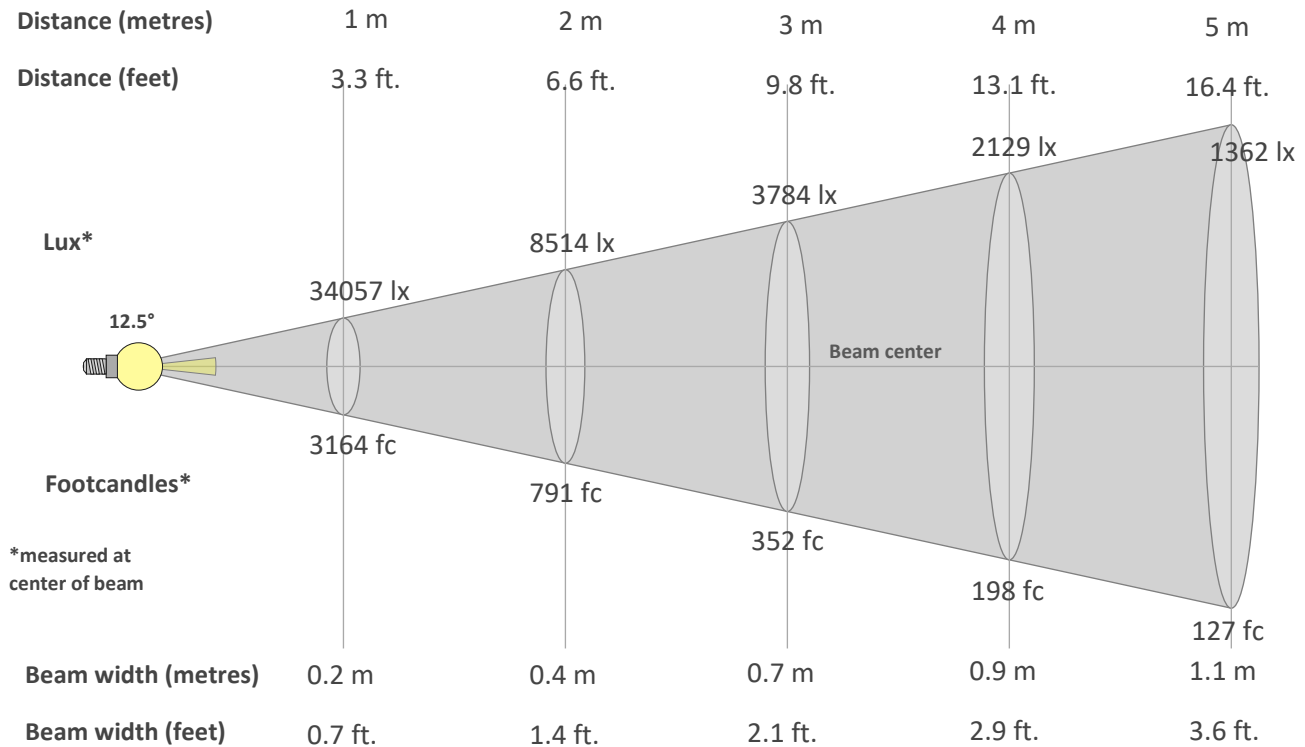
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM



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
34057lx	8514lx	3784lx	2129lx	1362lx	946lx	695lx	532lx	420lx	341lx	281lx	237lx	202lx	174lx	151lx	133lx	118lx	105lx	94lx	85lx
3164fc	791fc	351.6fc	197.7fc	126.6fc	87.9fc	64.6fc	49.4fc	39.1fc	31.6fc	26.1fc	22fc	18.7fc	16.1fc	14.1fc	12.4fc	10.9fc	9.8fc	8.8fc	7.9fc

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°
34.1K	34.0K	33.9K	33.7K	33.5K	33.3K	33.1K	32.8K	32.3K	31.8K	31.1K	30.3K	29.4K	28.2K	26.6K	24.9K	23.0K	21.0K	19.0K	17.1K
100%	100%	100%	99%	98%	98%	97%	96%	95%	93%	91%	89%	86%	83%	78%	73%	67%	62%	56%	50%

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°
34.1K	31.1K	24.1K	16.4K	10.4K	6.5K	4.3K	2.9K	2.0K	1.5K	1.1K	0.9K	0.7K	0.6K	0.5K	0.4K	0.4K	0.3K	0.3K	0.3K
100%	91%	71%	48%	31%	19%	12%	8%	6%	4%	3%	3%	2%	2%	1%	1%	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°
34.1K	34.0K	33.9K	33.7K	33.5K	33.3K	33.1K	32.8K	32.3K	31.8K	31.1K	30.3K	29.4K	28.2K	26.6K	24.9K	23.0K	21.0K	19.0K	17.1K
100%	100%	100%	99%	98%	98%	97%	96%	95%	93%	91%	89%	86%	83%	78%	73%	67%	62%	56%	50%

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°
34.1K	31.1K	24.1K	16.4K	10.4K	6.5K	4.3K	2.9K	2.0K	1.5K	1.1K	0.9K	0.7K	0.6K	0.5K	0.4K	0.4K	0.3K	0.3K	0.3K
100%	91%	71%	48%	31%	19%	12%	8%	6%	4%	3%	3%	2%	2%	1%	1%	1%	1%	1%	1%