

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

PRODUCT PHOTOMETRIC REPORT



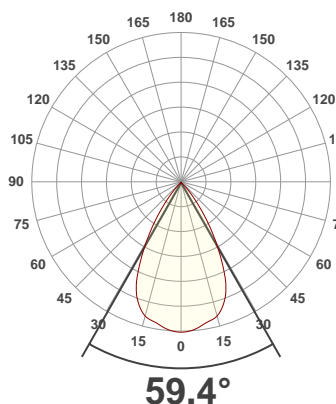
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191016-884

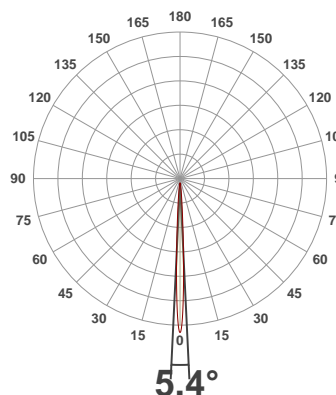
DATE OF MEASUREMENT: 2019-10-16

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



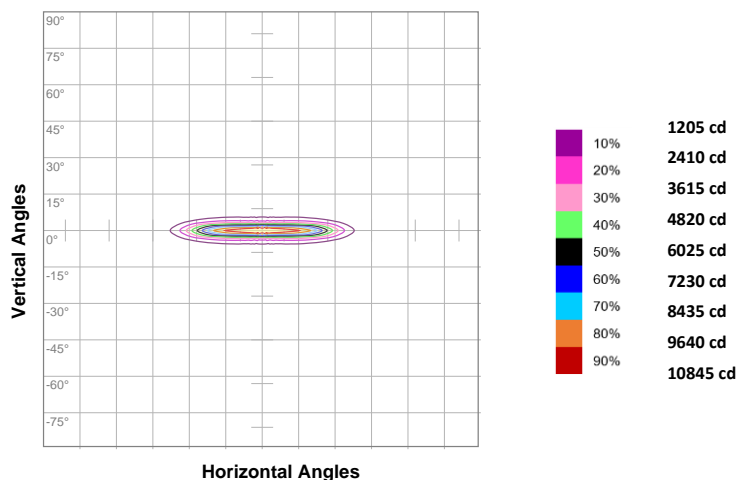
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1561 lm
EFFICACY: 49 lm/W
PEAK INTENSITY: 12060 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

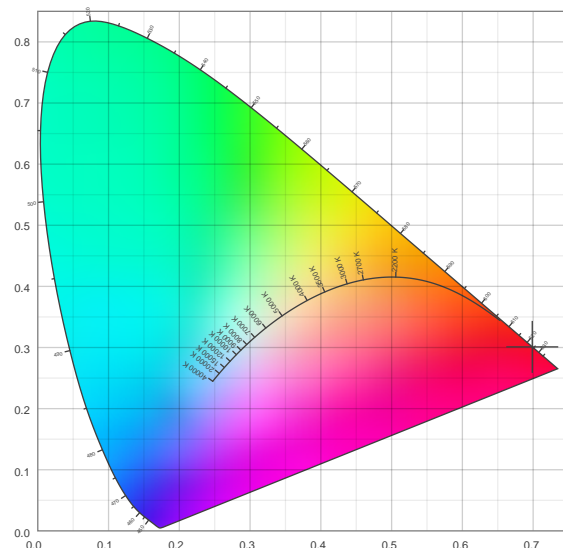
BEAM ANGLE (FWHM) | C0/180: 59.4°
BEAM ANGLE (FWHM) | C90/270: 5.4°
FIELD ANGLE (10%) | C0/180: 84.2°
FIELD ANGLE (10%) | C90/270: 12.5°
NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

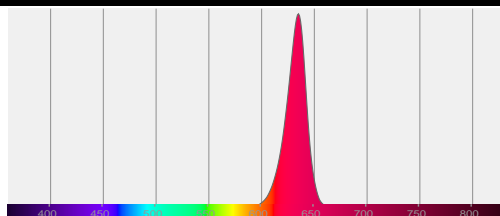


INPUT POWER: 32.1 W
POWER FACTOR: 1.0
OPTICAL POWER: 8.63 mW
PEAK WAVELENGTH: 635 nm
DOMINANT WAVELENGTH: 624 nm

CIE 1931



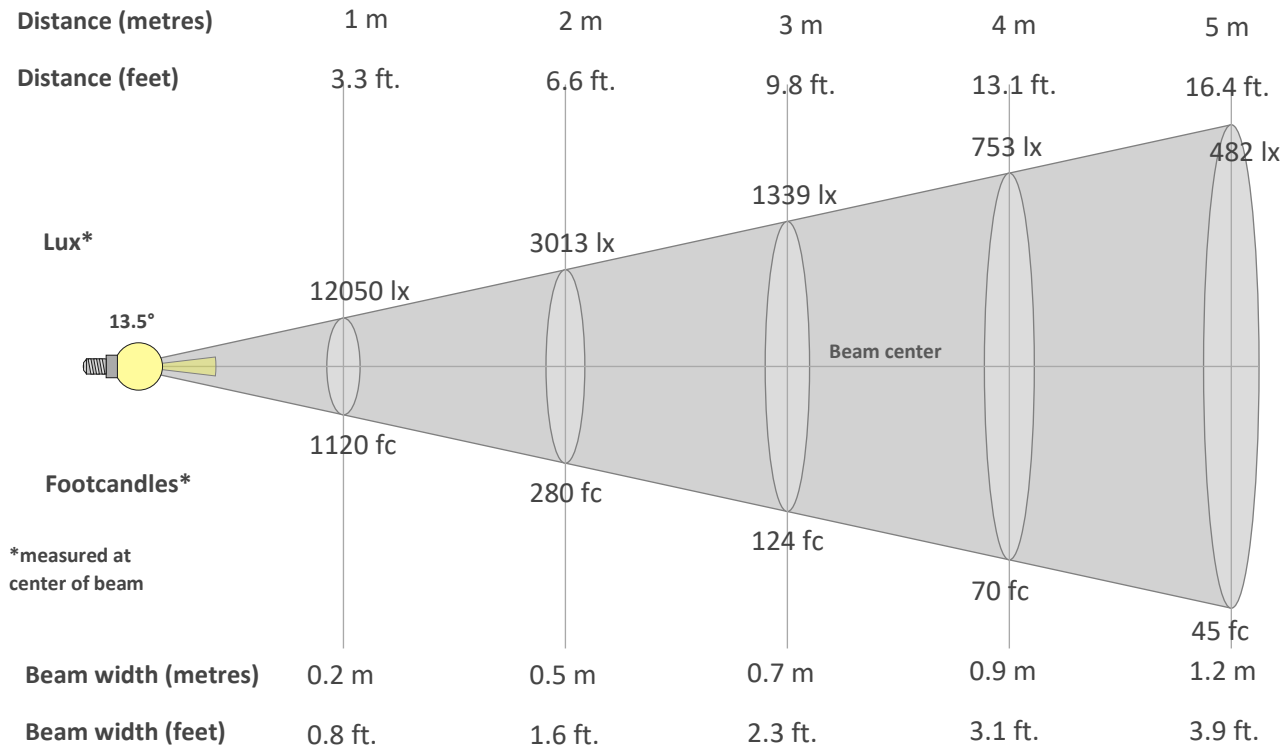
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.699
y: 0.301
u: 0.536
v: 0.346
 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
12050lx	3013lx	1339lx	753lx	482lx	335lx	246lx	188lx	149lx	121lx	100lx	84lx	71lx	61lx	54lx	47lx	42lx	37lx	33lx	30lx
1119.5fc	279.9fc	124.4fc	70fc	44.8fc	31.1fc	22.8fc	17.5fc	13.8fc	11.2fc	9.3fc	7.8fc	6.6fc	5.7fc	5fc	4.4fc	3.9fc	3.5fc	3.1fc	2.8fc

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°
12.1K	12.0K	12.0K	12.0K	11.9K	11.9K	11.8K	11.7K	11.7K	11.6K	11.5K	11.4K	11.4K	11.3K	11.2K	11.1K	11.0K	10.9K	10.7K	10.4K
100%	100%	100%	100%	99%	99%	98%	97%	97%	96%	95%	95%	94%	94%	93%	93%	91%	90%	88%	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°
12.1K	10.9K	8.2K	5.3K	3.2K	2.0K	1.3K	0.9K	0.7K	0.5K	0.4K	0.3K	0.2K	0.2K	0.2K	0.2K	0.1K	0.1K	0.1K	0.1K
100%	91%	68%	44%	27%	17%	11%	8%	5%	4%	3%	2%	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°
12.1K	12.0K	12.0K	12.0K	11.9K	11.9K	11.8K	11.7K	11.7K	11.6K	11.5K	11.4K	11.4K	11.3K	11.2K	11.1K	11.0K	10.9K	10.7K	10.4K
100%	100%	100%	100%	99%	99%	98%	97%	97%	96%	95%	95%	94%	94%	93%	93%	91%	90%	88%	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°
12.1K	10.9K	8.2K	5.3K	3.2K	2.0K	1.3K	0.9K	0.7K	0.5K	0.4K	0.3K	0.2K	0.2K	0.2K	0.2K	0.1K	0.1K	0.1K	0.1K
100%	91%	68%	44%	27%	17%	11%	8%	5%	4%	3%	2%	2%	2%	1%	1%	1%	1%	1%	1%