

FL200-RGBW40K-OM-40-ELV (GR)

PRODUCT PHOTOMETRIC REPORT



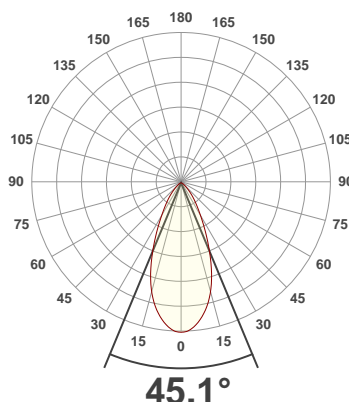
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-864

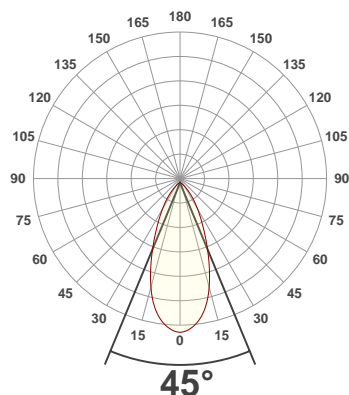
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



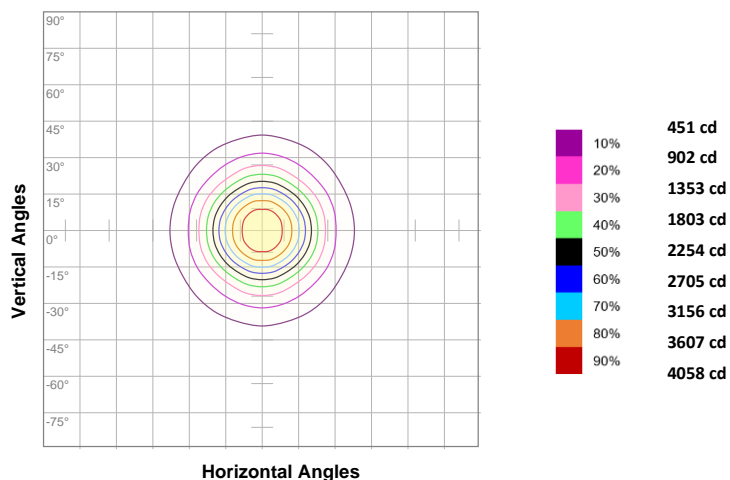
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 3243 lm
EFFICACY: 59 lm/W
PEAK INTENSITY: 4515 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

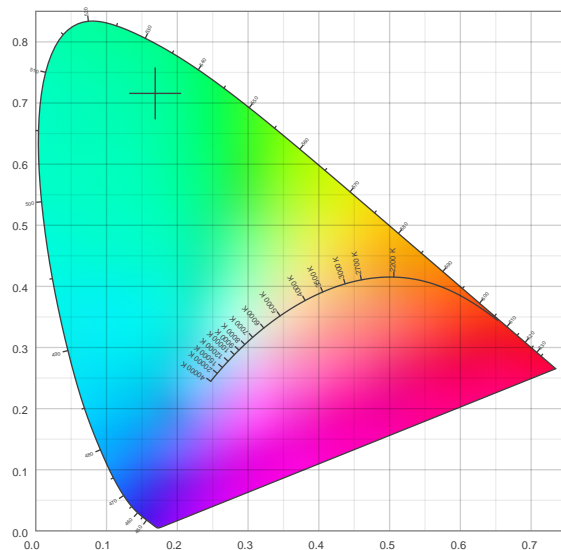
BEAM ANGLE (FWHM) | C0/180: 45.1°
BEAM ANGLE (FWHM) | C90/270: 45°
FIELD ANGLE (10%) | C0/180: 84.4°
FIELD ANGLE (10%) | C90/270: 87.4°
NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

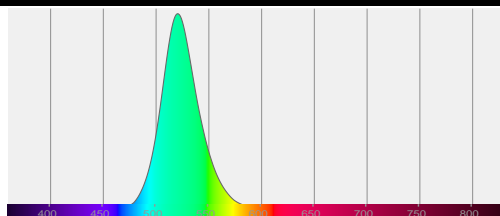


INPUT POWER: 54.7 W
POWER FACTOR: 1.0
OPTICAL POWER: 6.74 mW
PEAK WAVELENGTH: 521 nm
DOMINANT WAVELENGTH: 527 nm

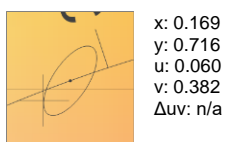
CIE 1931



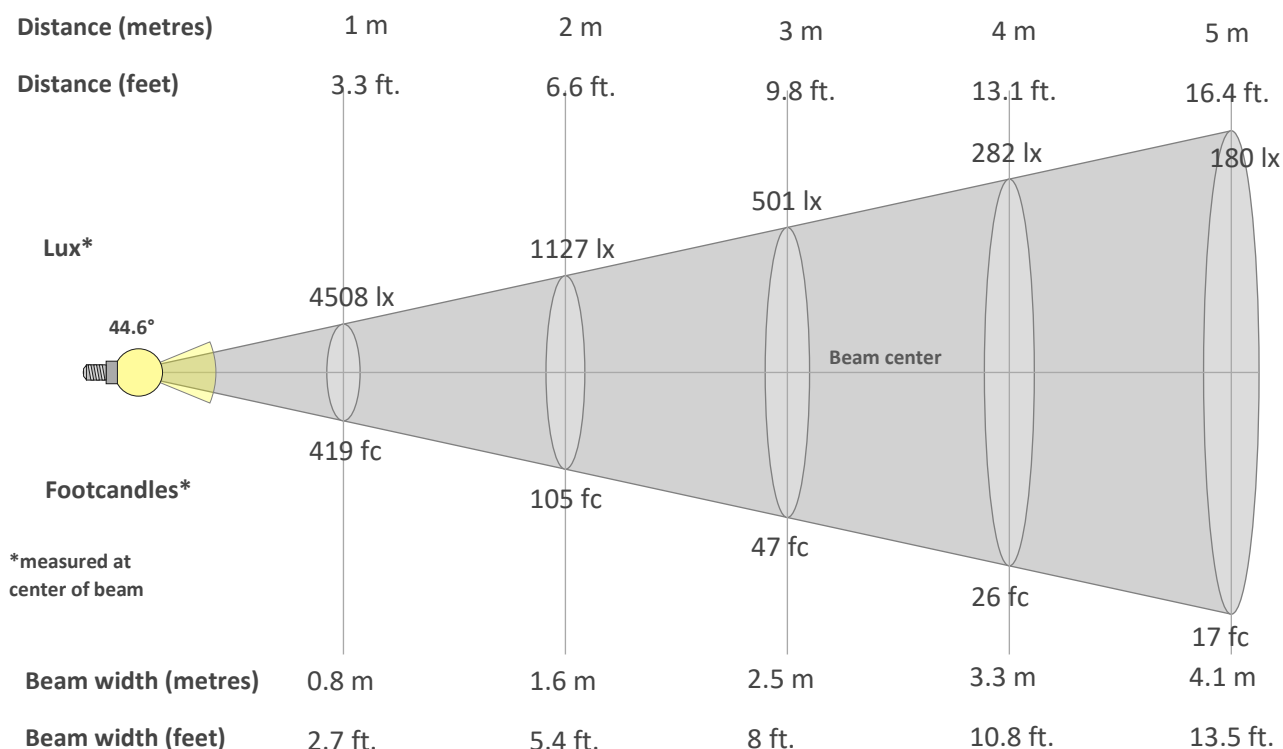
SPECTRAL DISTRIBUTION



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
4508lx	1127lx	501lx	282lx	180lx	125lx	92lx	70lx	56lx	45lx	37lx	31lx	27lx	23lx	20lx	18lx	16lx	14lx	12lx	11lx
418.8fc	104.7fc	46.5fc	26.2fc	16.8fc	11.6fc	8.5fc	6.5fc	5.2fc	4.2fc	3.5fc	2.9fc	2.5fc	2.1fc	1.9fc	1.6fc	1.4fc	1.3fc	1.2fc	1fc

Intensity in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
4508	4482	4410	4300	4156	3984	3786	3552	3288	2989	2669	2340	2024	1732	1470	1242	1052	896	764	651
100%	99%	98%	95%	92%	88%	84%	79%	73%	66%	59%	52%	45%	38%	33%	28%	23%	20%	17%	14%

Intensity in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
4508	4484	4418	4320	4189	4022	3813	3563	3271	2957	2638	2328	2036	1771	1536	1332	1154	1000	861	738
100%	99%	98%	96%	93%	89%	85%	79%	73%	66%	59%	52%	45%	39%	34%	30%	26%	22%	19%	16%

Intensity in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
4508	4482	4410	4300	4156	3984	3786	3552	3288	2989	2669	2340	2024	1732	1470	1242	1052	896	764	651
100%	99%	98%	95%	92%	88%	84%	79%	73%	66%	59%	52%	45%	38%	33%	28%	23%	20%	17%	14%

Intensity in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
4508	4484	4418	4320	4189	4022	3813	3563	3271	2957	2638	2328	2036	1771	1536	1332	1154	1000	861	738
100%	99%	98%	96%	93%	89%	85%	79%	73%	66%	59%	52%	45%	39%	34%	30%	26%	22%	19%	16%