

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

PRODUCT PHOTOMETRIC REPORT



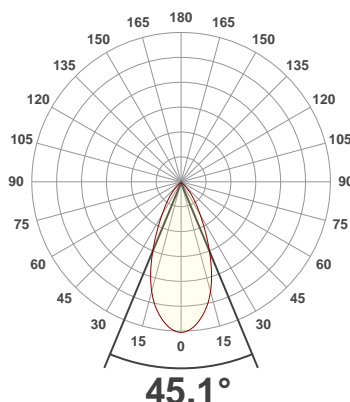
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-865

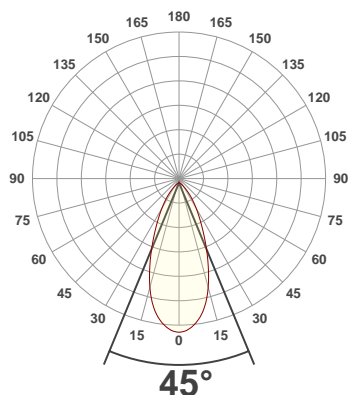
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



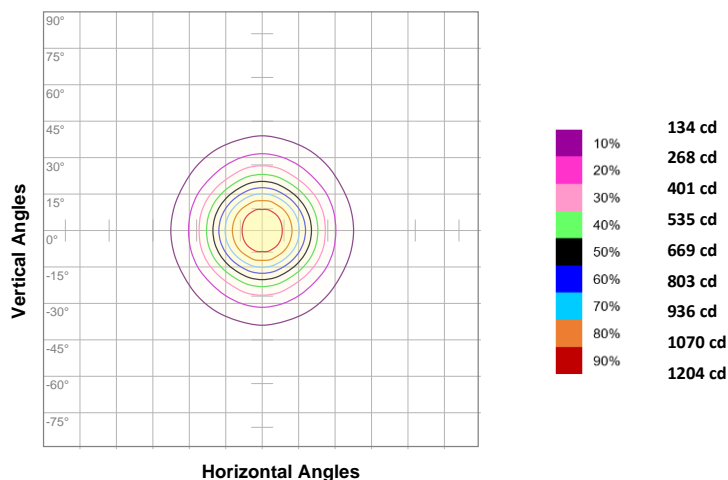
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 945 lm
EFFICACY: 17 lm/W
PEAK INTENSITY: 1338 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

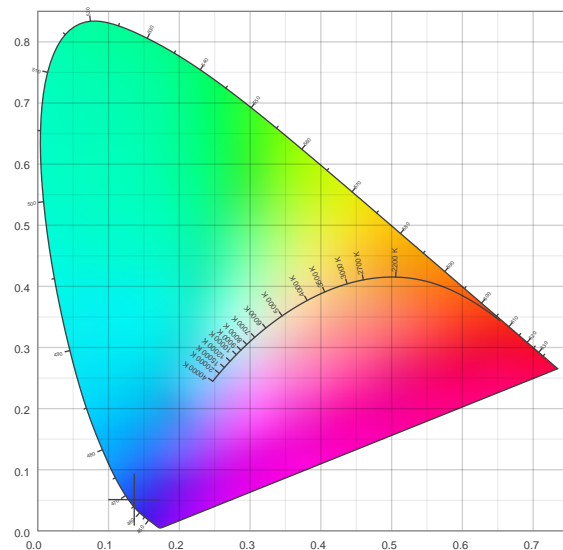
BEAM ANGLE (FWHM) | C0/180: 45.1°
BEAM ANGLE (FWHM) | C90/270: 45°
FIELD ANGLE (10%) | C0/180: 83.6°
FIELD ANGLE (10%) | C90/270: 86.7°
NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

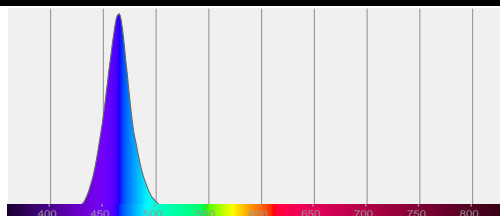


INPUT POWER: 54.4 W
POWER FACTOR: 1.0
OPTICAL POWER: 15.4 mW
PEAK WAVELENGTH: 465 nm
DOMINANT WAVELENGTH: 467 nm

CIE 1931



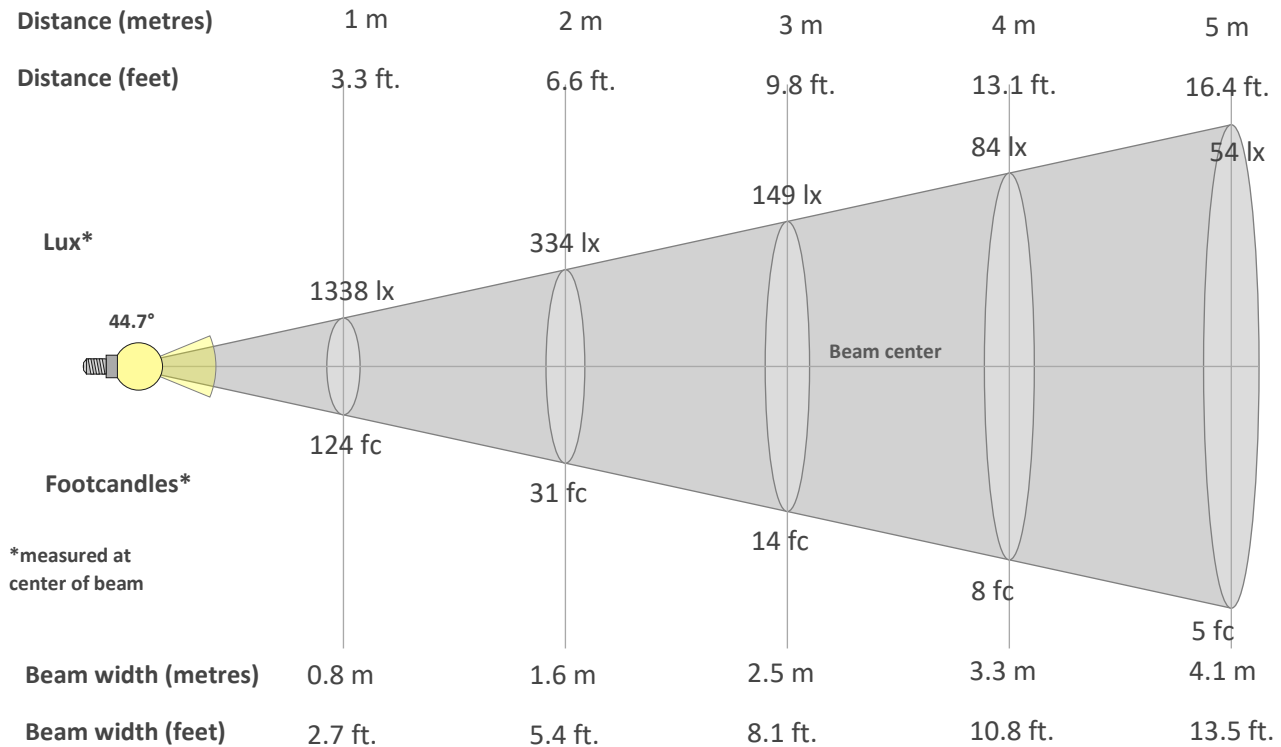
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.136
y: 0.051
u: 0.163
v: 0.092
 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
1338lx	334lx	149lx	84lx	54lx	37lx	27lx	21lx	17lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
124.3fc	31.1fc	13.8fc	7.8fc	5fc	3.5fc	2.5fc	1.9fc	1.5fc	1.2fc	1fc	0.9fc	0.7fc	0.6fc	0.6fc	0.5fc	0.4fc	0.4fc	0.3fc	0.3fc

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°
1338	1329	1308	1275	1232	1182	1124	1054	976	888	793	695	600	513	434	365	308	261	222	188
100%	99%	98%	95%	92%	88%	84%	79%	73%	66%	59%	52%	45%	38%	32%	27%	23%	19%	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°
1338	1331	1312	1282	1243	1194	1132	1057	971	878	782	690	603	523	452	391	338	291	250	214
100%	99%	98%	96%	93%	89%	85%	79%	73%	66%	58%	52%	45%	39%	34%	29%	25%	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°
1338	1329	1308	1275	1232	1182	1124	1054	976	888	793	695	600	513	434	365	308	261	222	188
100%	99%	98%	95%	92%	88%	84%	79%	73%	66%	59%	52%	45%	38%	32%	27%	23%	19%	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°
1338	1331	1312	1282	1243	1194	1132	1057	971	878	782	690	603	523	452	391	338	291	250	214
100%	99%	98%	96%	93%	89%	85%	79%	73%	66%	58%	52%	45%	39%	34%	29%	25%	22%	19%	16%