

FL200-RGBW40K-OM-30x60-ELV (BL)

PRODUCT PHOTOMETRIC REPORT



PRODUCT INFORMATION

SERIAL NUMBER: LL-20191017-891

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

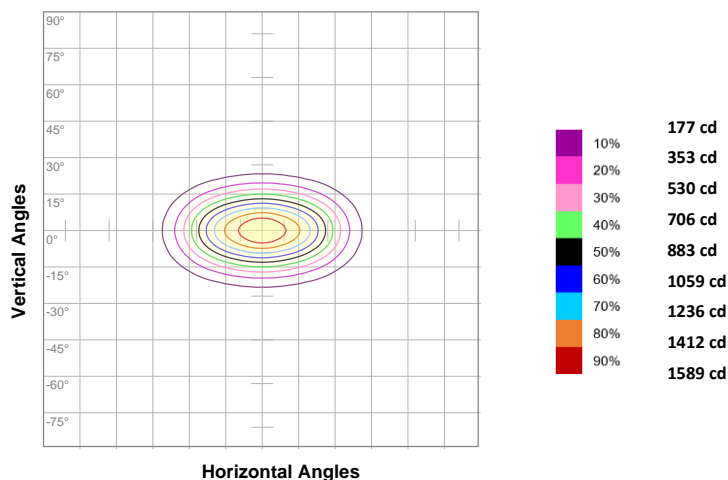
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 956 lm
 EFFICACY: 18 lm/W
 PEAK INTENSITY: 1767 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

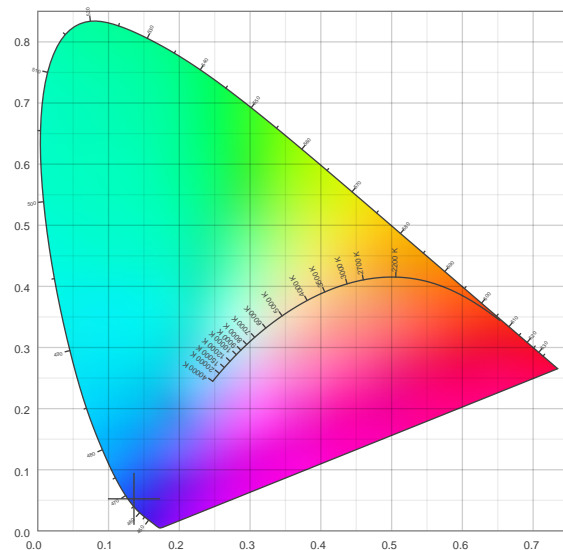
BEAM ANGLE (FWHM) | C0/180: 57.9°
 BEAM ANGLE (FWHM) | C90/270: 29.1°
 FIELD ANGLE (10%) | C0/180: 91.3°
 FIELD ANGLE (10%) | C90/270: 52°
 NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

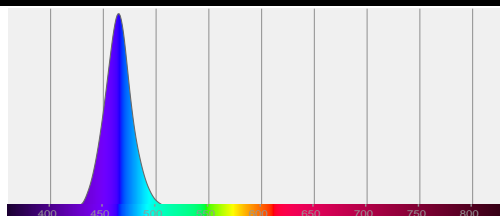


INPUT POWER: 54.4 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 15.3 mW
 PEAK WAVELENGTH: 465 nm
 DOMINANT WAVELENGTH: 467 nm

CIE 1931



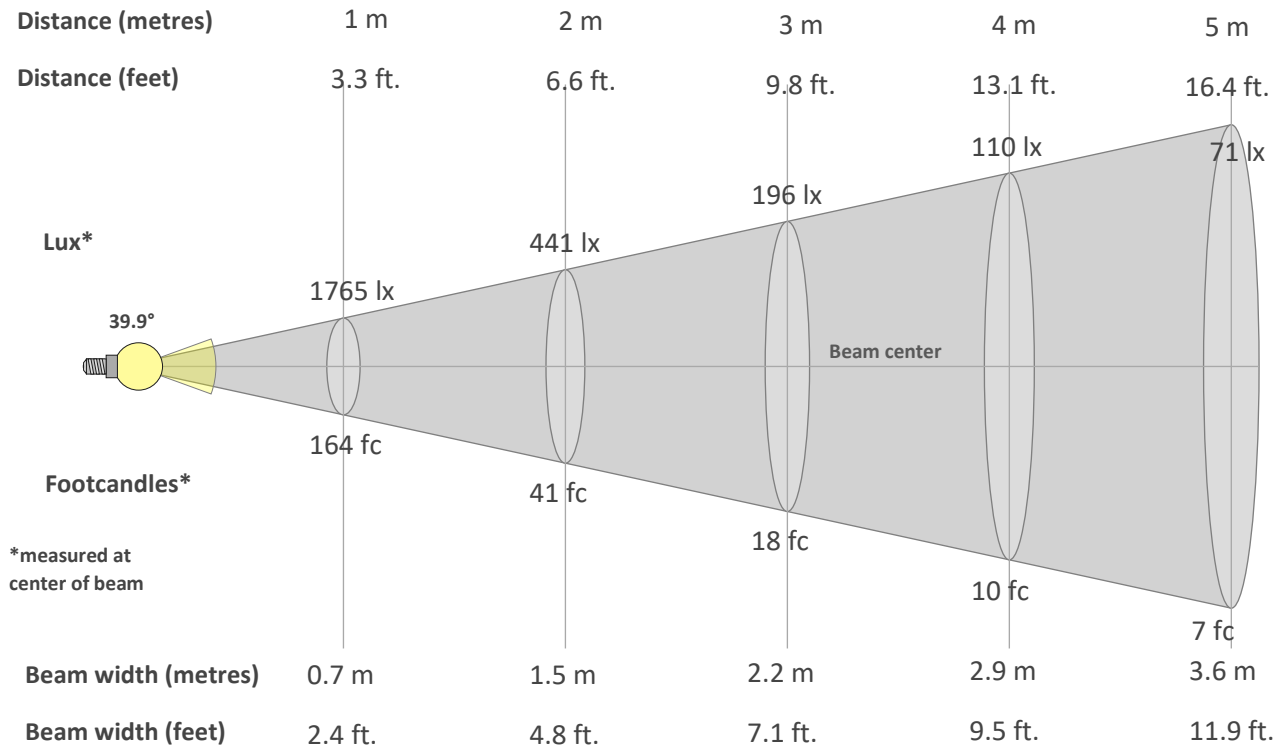
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.136
 y: 0.052
 u: 0.162
 v: 0.094
 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
1765lx	441lx	196lx	110lx	71lx	49lx	36lx	28lx	22lx	18lx	15lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx
164fc	41fc	18.2fc	10.3fc	6.6fc	4.6fc	3.3fc	2.6fc	2fc	1.6fc	1.4fc	1.1fc	1fc	0.8fc	0.7fc	0.6fc	0.6fc	0.5fc	0.5fc	0.4fc

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°
1765	1757	1735	1700	1656	1610	1560	1508	1451	1385	1311	1227	1136	1038	934	827	722	620	522	432
100%	99%	98%	96%	94%	91%	88%	85%	82%	78%	74%	70%	64%	59%	53%	47%	41%	35%	30%	24%

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°
1765	1742	1671	1563	1426	1268	1100	927	760	603	462	345	249	176	125	90	67	53	44	38
100%	99%	95%	89%	81%	72%	62%	53%	43%	34%	26%	20%	14%	10%	7%	5%	4%	3%	2%	2%

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°
1765	1757	1735	1700	1656	1610	1560	1508	1451	1385	1311	1227	1136	1038	934	827	722	620	522	432
100%	99%	98%	96%	94%	91%	88%	85%	82%	78%	74%	70%	64%	59%	53%	47%	41%	35%	30%	24%

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°
1765	1742	1671	1563	1426	1268	1100	927	760	603	462	345	249	176	125	90	67	53	44	38
100%	99%	95%	89%	81%	72%	62%	53%	43%	34%	26%	20%	14%	10%	7%	5%	4%	3%	2%	2%