

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

PRODUCT PHOTOMETRIC REPORT



PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-863

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

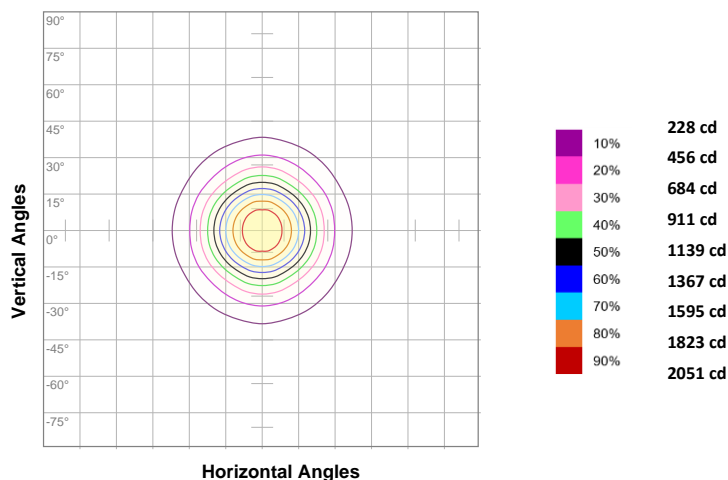
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1559 lm
 EFFICACY: 49 lm/W
 PEAK INTENSITY: 2281 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

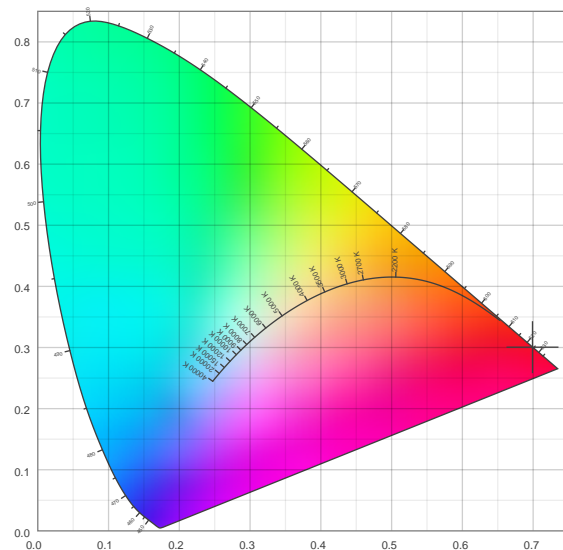
BEAM ANGLE (FWHM) | C0/180: 44.2°
 BEAM ANGLE (FWHM) | C90/270: 44.1°
 FIELD ANGLE (10%) | C0/180: 82.3°
 FIELD ANGLE (10%) | C90/270: 85.3°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM



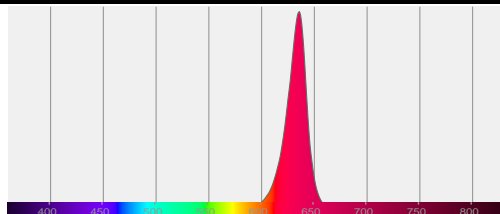
INPUT POWER: 32.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 8.74 mW
 PEAK WAVELENGTH: 636 nm
 DOMINANT WAVELENGTH: 624 nm

CIE 1931

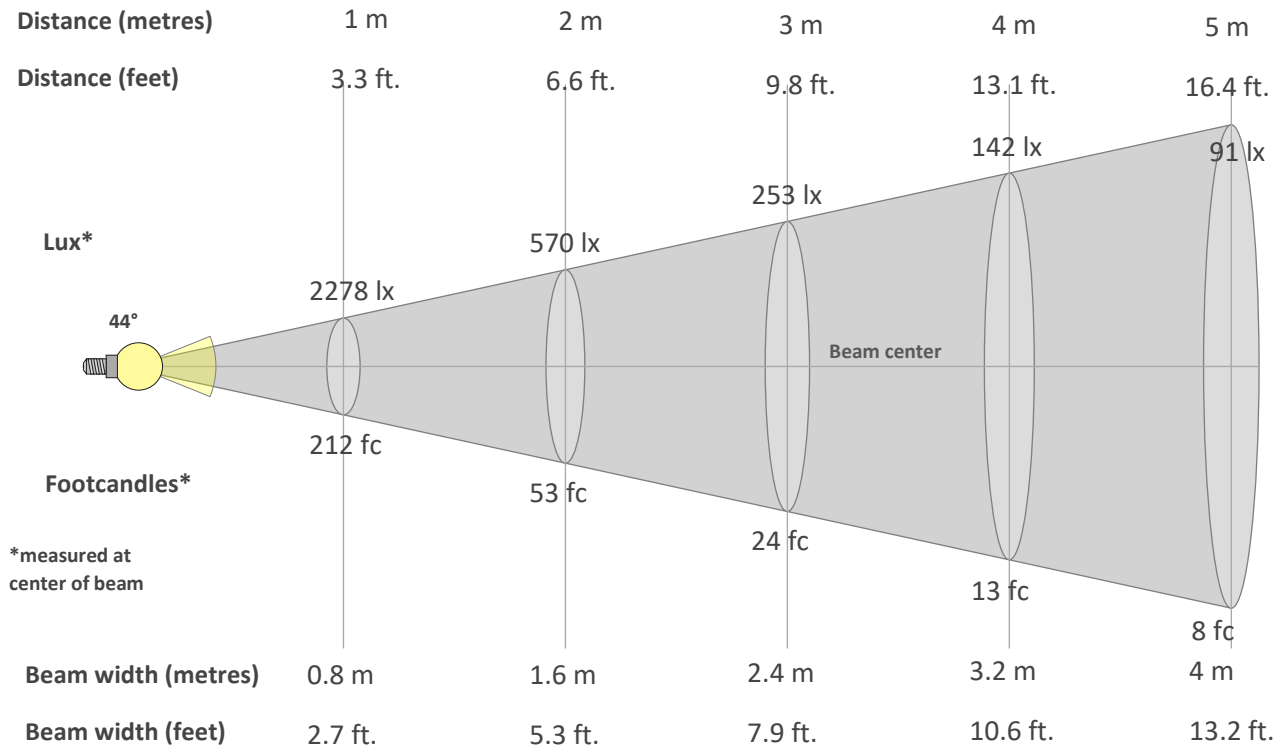


SPECTRAL DISTRIBUTION

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
2278lx	570lx	253lx	142lx	91lx	63lx	46lx	36lx	28lx	23lx	19lx	16lx	13lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx
211.7fc	52.9fc	23.5fc	13.2fc	8.5fc	5.9fc	4.3fc	3.3fc	2.6fc	2.1fc	1.7fc	1.5fc	1.3fc	1.1fc	0.9fc	0.8fc	0.7fc	0.7fc	0.6fc	0.5fc

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°
2278	2264	2225	2167	2093	2004	1900	1780	1642	1486	1317	1147	986	838	706	593	501	425	361	305
100%	99%	98%	95%	92%	88%	83%	78%	72%	65%	58%	50%	43%	37%	31%	26%	22%	19%	16%	13%

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°
2278	2265	2232	2181	2113	2026	1914	1783	1631	1466	1300	1141	992	858	740	639	551	475	407	346
100%	99%	98%	96%	93%	89%	84%	78%	72%	64%	57%	50%	44%	38%	32%	28%	24%	21%	18%	15%

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°
2278	2264	2225	2167	2093	2004	1900	1780	1642	1486	1317	1147	986	838	706	593	501	425	361	305
100%	99%	98%	95%	92%	88%	83%	78%	72%	65%	58%	50%	43%	37%	31%	26%	22%	19%	16%	13%

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°
2278	2265	2232	2181	2113	2026	1914	1783	1631	1466	1300	1141	992	858	740	639	551	475	407	346
100%	99%	98%	96%	93%	89%	84%	78%	72%	64%	57%	50%	44%	38%	32%	28%	24%	21%	18%	15%