

FL200-RGBW40K-OM-60x30-ELV (RD)

PRODUCT PHOTOMETRIC REPORT



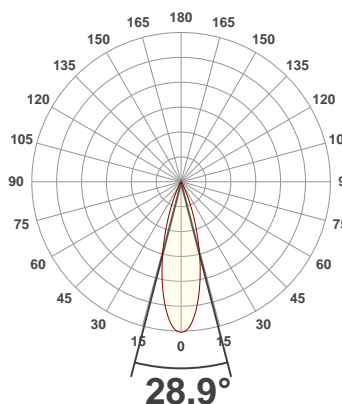
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191016-889

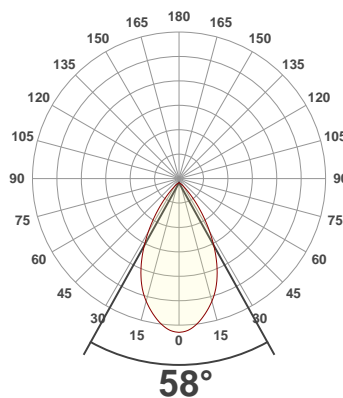
DATE OF MEASUREMENT: 2019-10-16

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



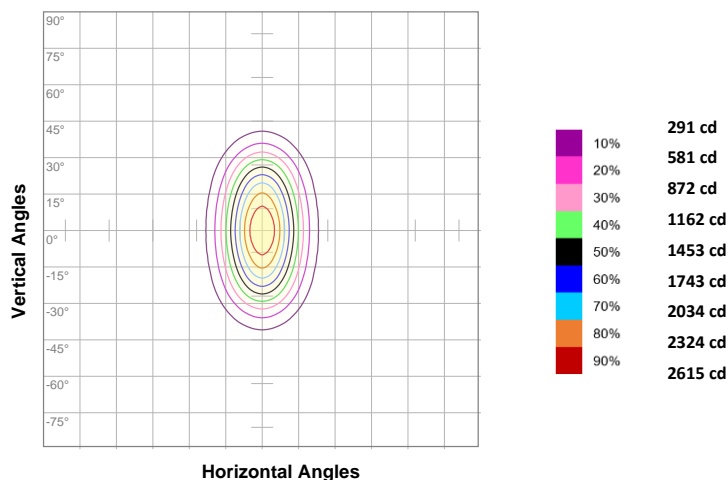
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1559 lm
 EFFICACY: 49 lm/W
 PEAK INTENSITY: 2908 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

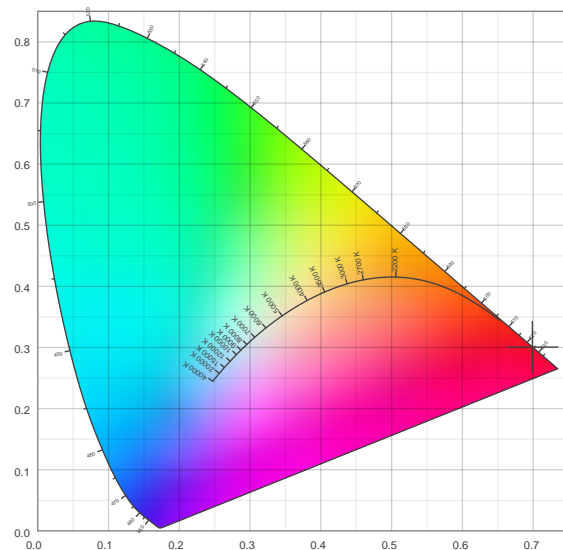
BEAM ANGLE (FWHM) | C0/180: 28.9°
 BEAM ANGLE (FWHM) | C90/270: 58°
 FIELD ANGLE (10%) | C0/180: 51.7°
 FIELD ANGLE (10%) | C90/270: 91°
 NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

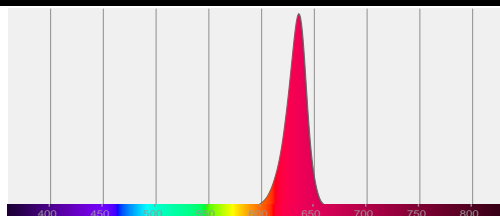


INPUT POWER: 32.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 8.75 mW
 PEAK WAVELENGTH: 636 nm
 DOMINANT WAVELENGTH: 624 nm

CIE 1931

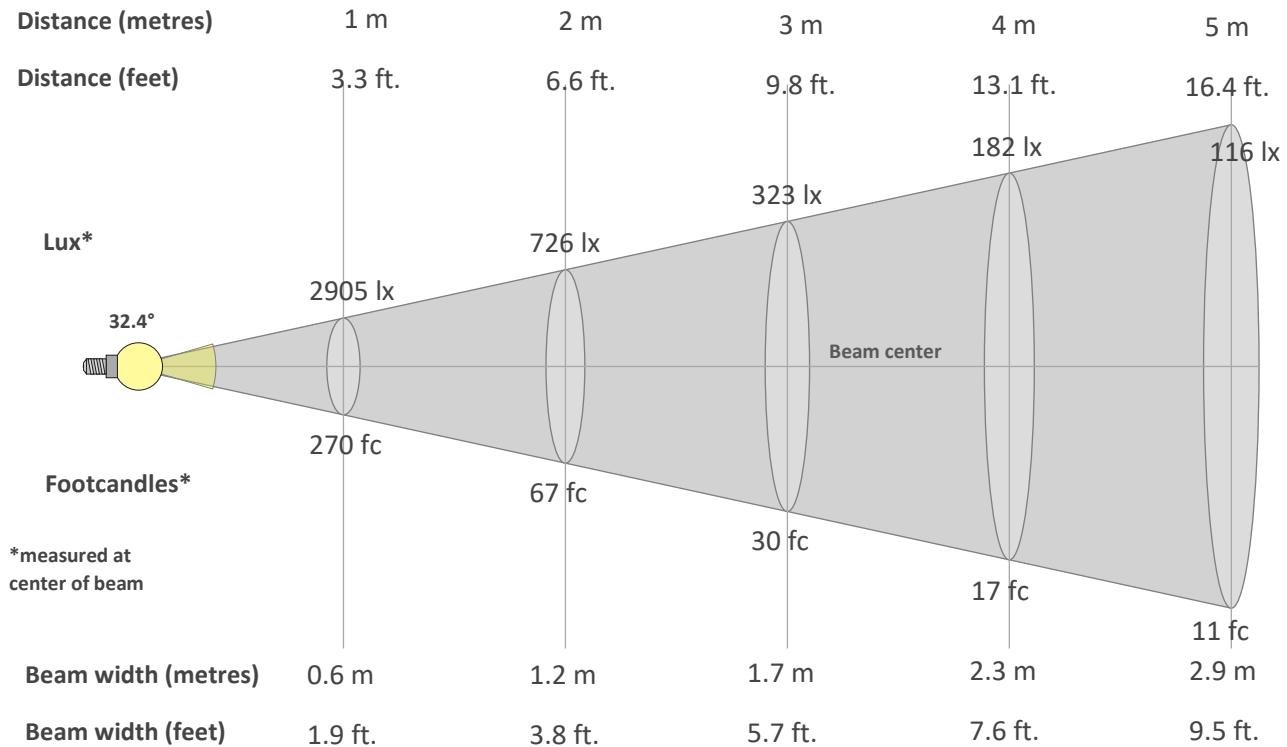


SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.699
 y: 0.301
 u: 0.537
 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
2905lx	726lx	323lx	182lx	116lx	81lx	59lx	45lx	36lx	29lx	24lx	20lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx
269.9fc	67.5fc	30fc	16.9fc	10.8fc	7.5fc	5.5fc	4.2fc	3.3fc	2.7fc	2.2fc	1.9fc	1.6fc	1.4fc	1.2fc	1.1fc	0.9fc	0.8fc	0.7fc	0.7fc

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°
2905	2862	2745	2563	2331	2069	1792	1513	1237	980	750	557	401	283	201	145	109	87	72	62
100%	99%	94%	88%	80%	71%	62%	52%	43%	34%	26%	19%	14%	10%	7%	5%	4%	3%	2%	2%

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°
2905	2891	2861	2809	2743	2664	2576	2483	2385	2276	2153	2015	1865	1706	1539	1367	1195	1027	865	714
100%	100%	98%	97%	94%	92%	89%	85%	82%	78%	74%	69%	64%	59%	53%	47%	41%	35%	30%	25%

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°
2905	2862	2745	2563	2331	2069	1792	1513	1237	980	750	557	401	283	201	145	109	87	72	62
100%	99%	94%	88%	80%	71%	62%	52%	43%	34%	26%	19%	14%	10%	7%	5%	4%	3%	2%	2%

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°
2905	2891	2861	2809	2743	2664	2576	2483	2385	2276	2153	2015	1865	1706	1539	1367	1195	1027	865	714
100%	100%	98%	97%	94%	92%	89%	85%	82%	78%	74%	69%	64%	59%	53%	47%	41%	35%	30%	25%