

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

PRODUCT PHOTOMETRIC REPORT



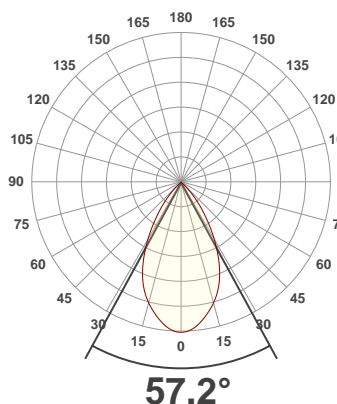
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191017-893

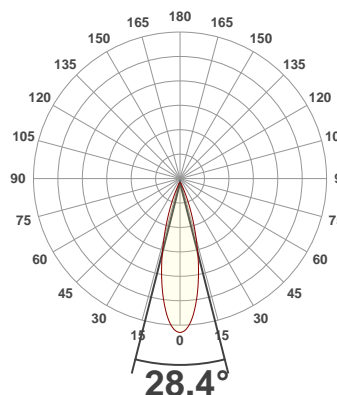
DATE OF MEASUREMENT: 2019-10-17

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



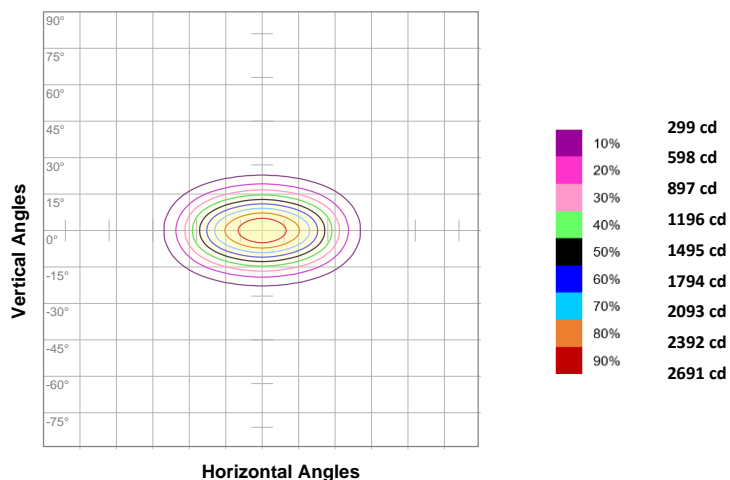
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1564 lm
EFFICACY: 49 lm/W
PEAK INTENSITY: 2992 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

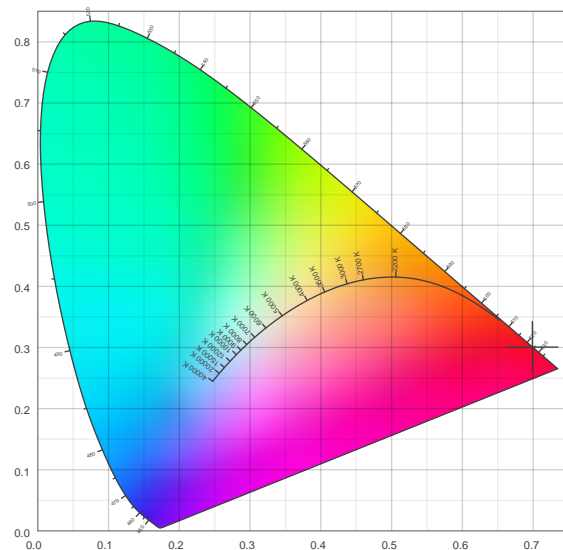
BEAM ANGLE (FWHM) | C0/180: 57.2°
BEAM ANGLE (FWHM) | C90/270: 28.4°
FIELD ANGLE (10%) | C0/180: 89.9°
FIELD ANGLE (10%) | C90/270: 50.9°
NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

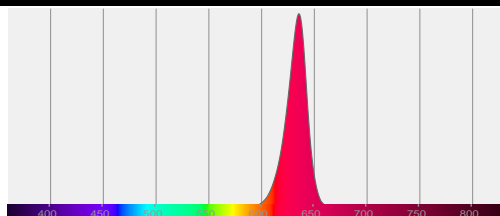


INPUT POWER: 32.1 W
POWER FACTOR: 1.0
OPTICAL POWER: 8.79 mW
PEAK WAVELENGTH: 636 nm
DOMINANT WAVELENGTH: 624 nm

CIE 1931

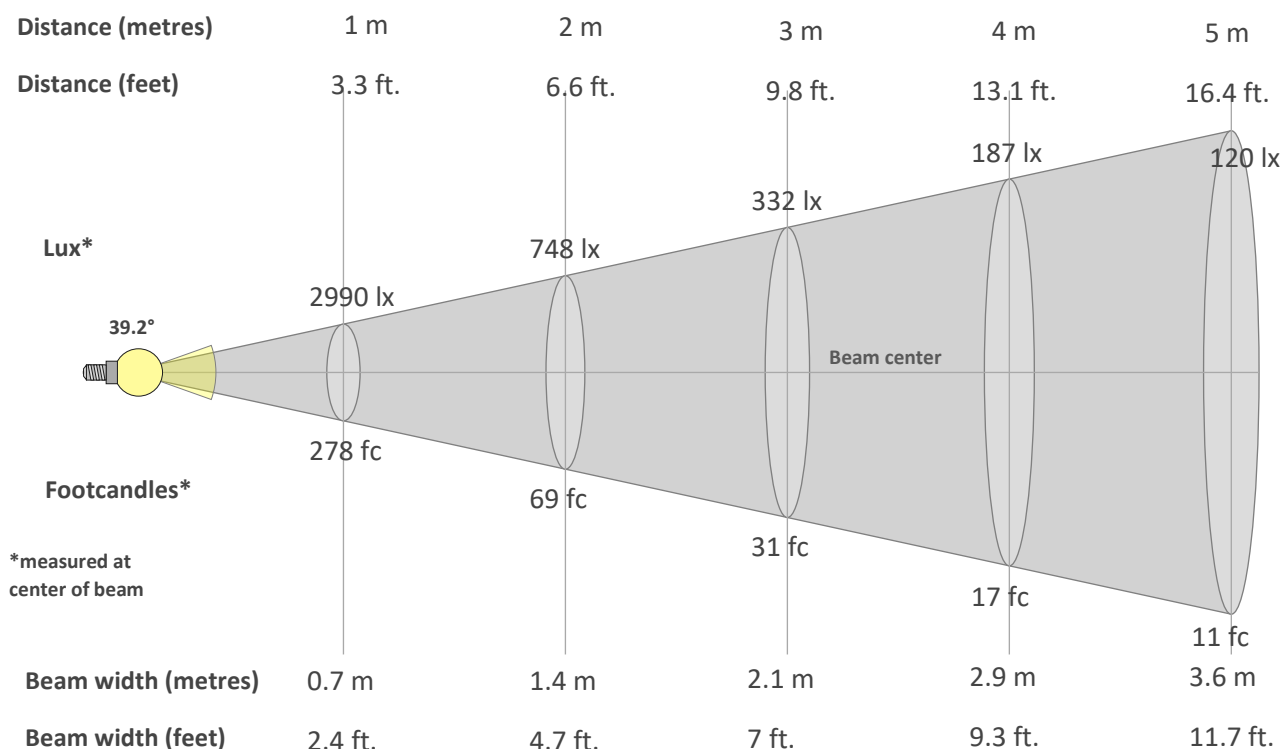


SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.699
y: 0.301
u: 0.537
v: 0.346
 $\Delta u/v$: 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
2990lx	748lx	332lx	187lx	120lx	83lx	61lx	47lx	37lx	30lx	25lx	21lx	18lx	15lx	13lx	12lx	10lx	9lx	8lx	7lx
277.8fc	69.5fc	30.9fc	17.4fc	11.1fc	7.7fc	5.7fc	4.3fc	3.4fc	2.8fc	2.3fc	1.9fc	1.6fc	1.4fc	1.2fc	1.1fc	1fc	0.9fc	0.8fc	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°
2990	2980	2945	2888	2816	2734	2643	2550	2447	2335	2209	2066	1905	1733	1550	1367	1186	1010	845	699
100%	100%	98%	97%	94%	91%	88%	85%	82%	78%	74%	69%	64%	58%	52%	46%	40%	34%	28%	23%

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°
2990	2952	2828	2635	2392	2116	1823	1527	1238	972	735	539	385	268	188	136	102	82	69	60
100%	99%	95%	88%	80%	71%	61%	51%	41%	33%	25%	18%	13%	9%	6%	5%	3%	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°
2990	2980	2945	2888	2816	2734	2643	2550	2447	2335	2209	2066	1905	1733	1550	1367	1186	1010	845	699
100%	100%	98%	97%	94%	91%	88%	85%	82%	78%	74%	69%	64%	58%	52%	46%	40%	34%	28%	23%

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°
2990	2952	2828	2635	2392	2116	1823	1527	1238	972	735	539	385	268	188	136	102	82	69	60
100%	99%	95%	88%	80%	71%	61%	51%	41%	33%	25%	18%	13%	9%	6%	5%	3%	3%	2%	2%