

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

PRODUCT PHOTOMETRIC REPORT



PRODUCT INFORMATION

SERIAL NUMBER: LL-20191016-887

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

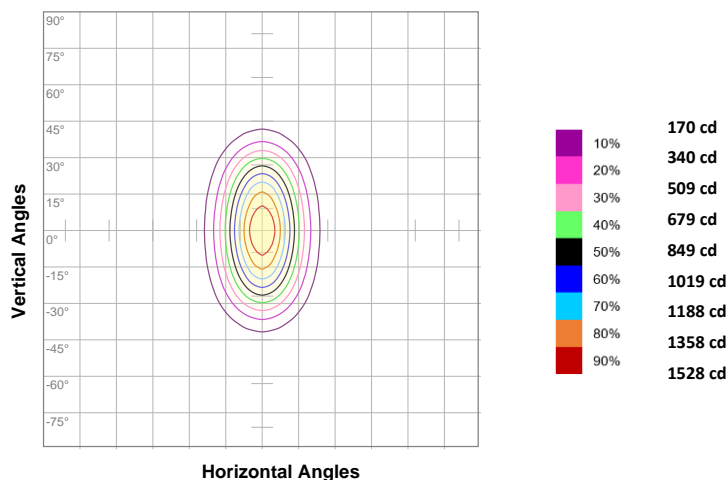
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 949 lm
 EFFICACY: 17 lm/W
 PEAK INTENSITY: 1699 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

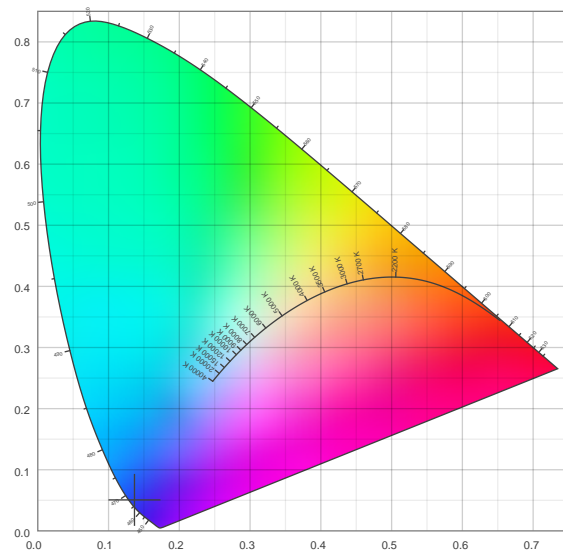
BEAM ANGLE (FWHM) | C0/180: 29.6°
 BEAM ANGLE (FWHM) | C90/270: 59.1°
 FIELD ANGLE (10%) | C0/180: 53.1°
 FIELD ANGLE (10%) | C90/270: 92.7°
 NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

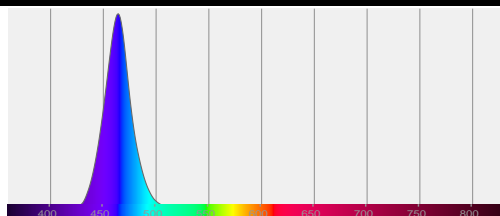


INPUT POWER: 54.4 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 15.6 mW
 PEAK WAVELENGTH: 465 nm
 DOMINANT WAVELENGTH: 466 nm

CIE 1931

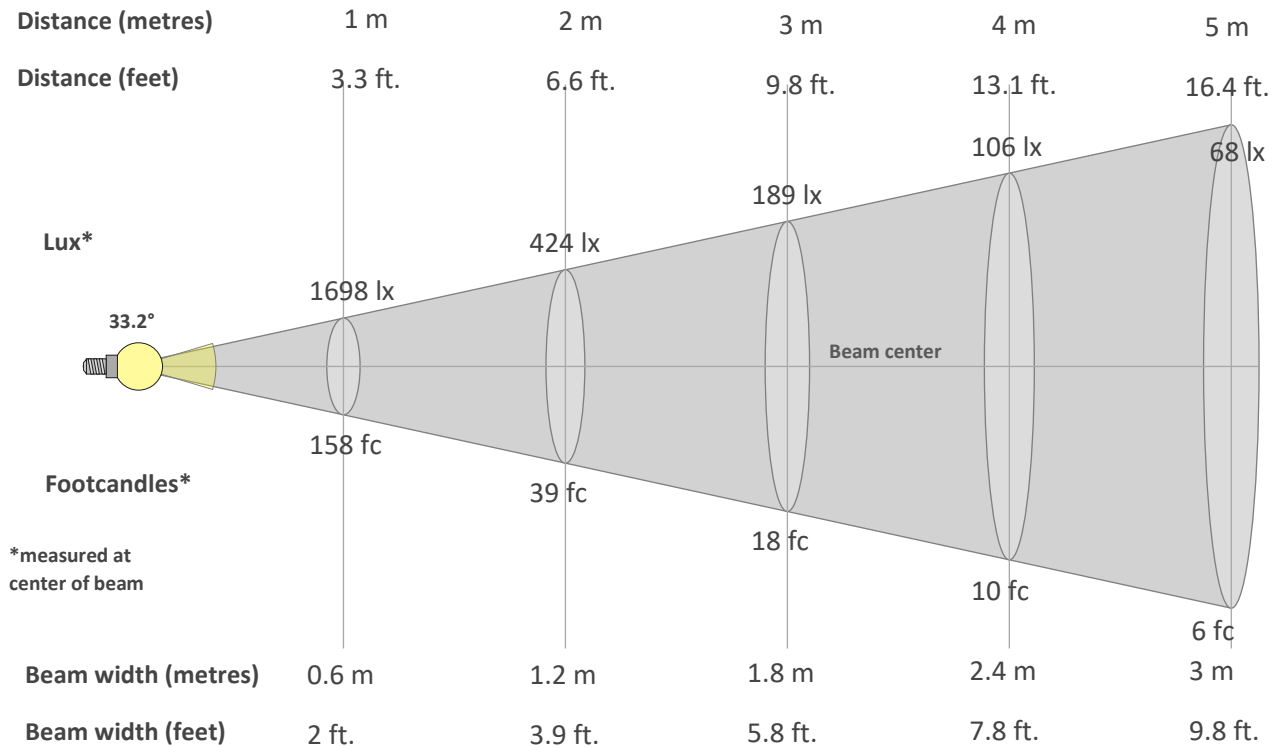


SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.137
 y: 0.051
 u: 0.164
 v: 0.091
 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
1698lx	424lx	189lx	106lx	68lx	47lx	35lx	27lx	21lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx
157.7fc	39.4fc	17.5fc	9.9fc	6.3fc	4.4fc	3.2fc	2.5fc	1.9fc	1.6fc	1.3fc	1.1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.5fc	0.5fc	0.4fc	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°
1698	1676	1610	1507	1378	1229	1072	911	752	603	467	353	258	185	132	96	71	56	46	40
100%	99%	95%	89%	81%	72%	63%	54%	44%	36%	28%	21%	15%	11%	8%	6%	4%	3%	3%	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°
1698	1690	1671	1640	1601	1557	1511	1460	1406	1343	1273	1194	1108	1018	924	826	728	631	537	448
100%	100%	98%	97%	94%	92%	89%	86%	83%	79%	75%	70%	65%	60%	54%	49%	43%	37%	32%	26%

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°
1698	1676	1610	1507	1378	1229	1072	911	752	603	467	353	258	185	132	96	71	56	46	40
100%	99%	95%	89%	81%	72%	63%	54%	44%	36%	28%	21%	15%	11%	8%	6%	4%	3%	3%	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°
1698	1690	1671	1640	1601	1557	1511	1460	1406	1343	1273	1194	1108	1018	924	826	728	631	537	448
100%	100%	98%	97%	94%	92%	89%	86%	83%	79%	75%	70%	65%	60%	54%	49%	43%	37%	32%	26%