

FL200-RGBW40K-OM-55-ELV (RD)

PRODUCT PHOTOMETRIC REPORT



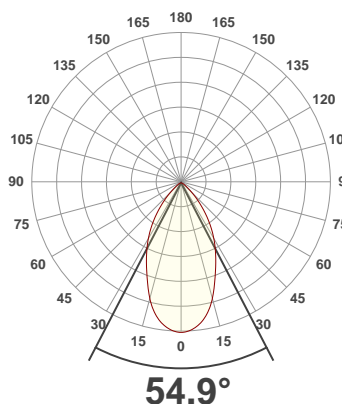
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-880

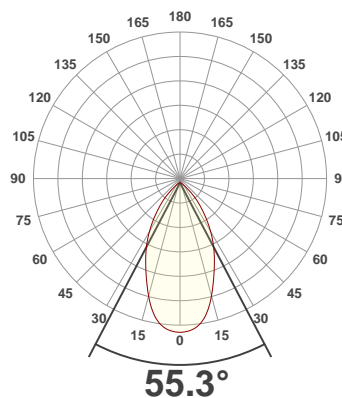
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



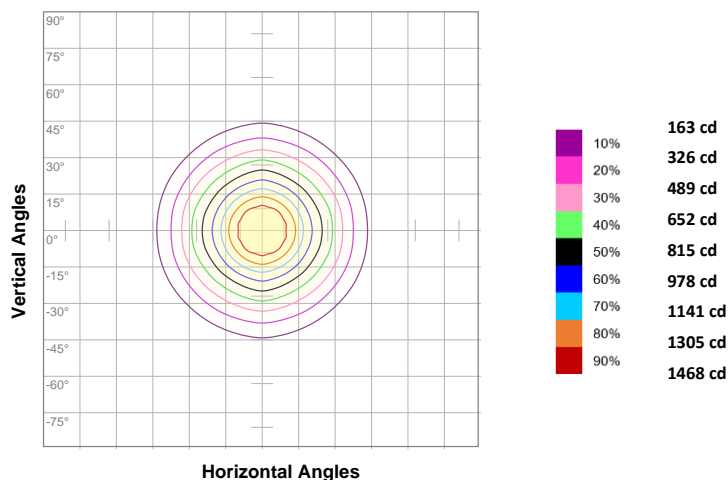
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1557 lm
EFFICACY: 49 lm/W
PEAK INTENSITY: 1633 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

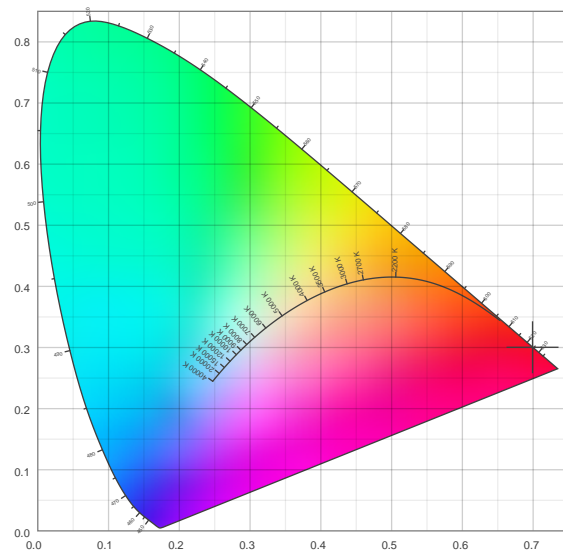
BEAM ANGLE (FWHM) | C0/180: 54.9°
BEAM ANGLE (FWHM) | C90/270: 55.3°
FIELD ANGLE (10%) | C0/180: 96.4°
FIELD ANGLE (10%) | C90/270: 98.2°
NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

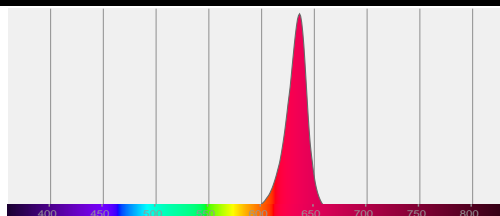


INPUT POWER: 32.1 W
POWER FACTOR: 1.0
OPTICAL POWER: 8.82 mW
PEAK WAVELENGTH: 636 nm
DOMINANT WAVELENGTH: 624 nm

CIE 1931



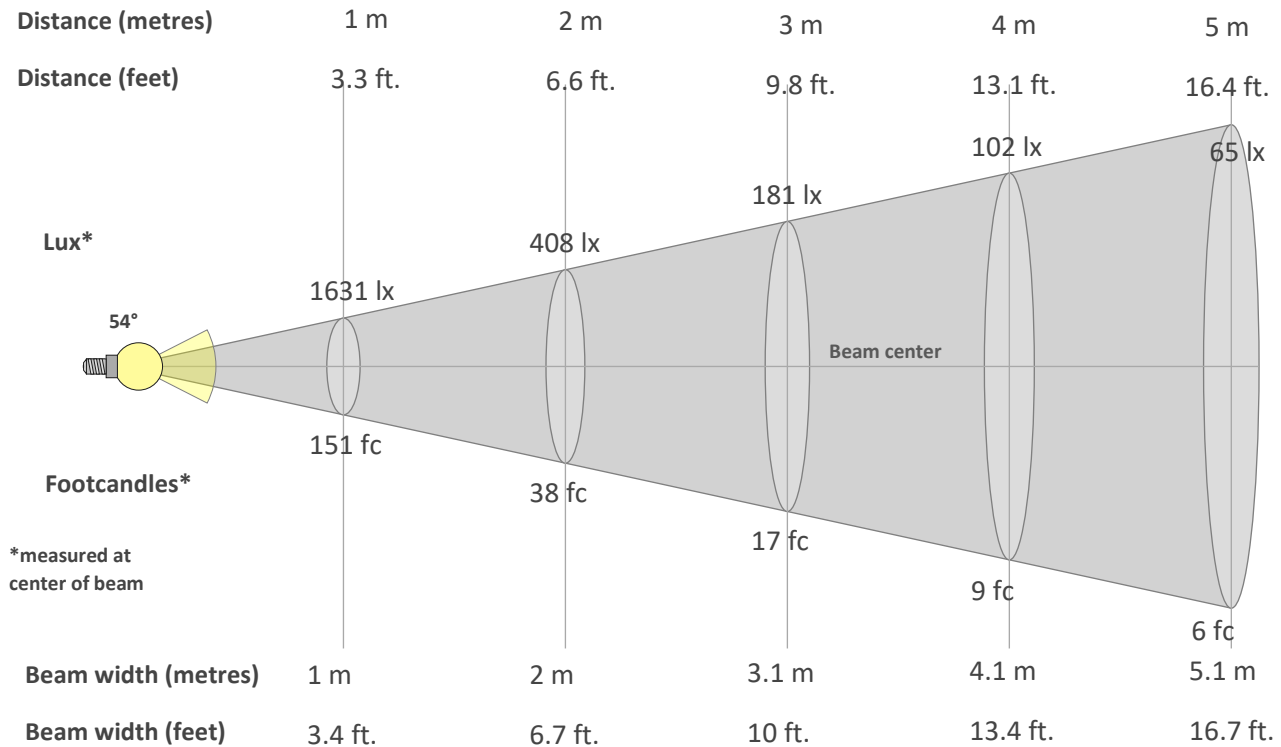
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.699
y: 0.300
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
1631lx	408lx	181lx	102lx	65lx	45lx	33lx	25lx	20lx	16lx	13lx	11lx	10lx	8lx	7lx	6lx	6lx	5lx	5lx	4lx
151.5fc	37.9fc	16.8fc	9.5fc	6.1fc	4.2fc	3.1fc	2.4fc	1.9fc	1.5fc	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°
1631	1624	1608	1580	1542	1492	1431	1358	1273	1181	1094	1012	937	864	796	727	658	588	517	448
100%	100%	99%	97%	95%	91%	88%	83%	78%	72%	67%	62%	57%	53%	49%	45%	40%	36%	32%	27%

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°
1631	1626	1615	1595	1560	1510	1445	1367	1280	1189	1103	1022	946	874	803	732	661	590	520	452
100%	100%	99%	98%	96%	93%	89%	84%	79%	73%	68%	63%	58%	54%	49%	45%	41%	36%	32%	28%

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°
1631	1624	1608	1580	1542	1492	1431	1358	1273	1181	1094	1012	937	864	796	727	658	588	517	448
100%	100%	99%	97%	95%	91%	88%	83%	78%	72%	67%	62%	57%	53%	49%	45%	40%	36%	32%	27%

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°
1631	1626	1615	1595	1560	1510	1445	1367	1280	1189	1103	1022	946	874	803	732	661	590	520	452
100%	100%	99%	98%	96%	93%	89%	84%	79%	73%	68%	63%	58%	54%	49%	45%	41%	36%	32%	28%