

FL200-RGBW40K-OM-60-ELV (GR)

PRODUCT PHOTOMETRIC REPORT



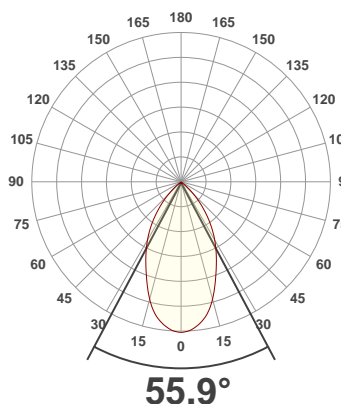
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-879

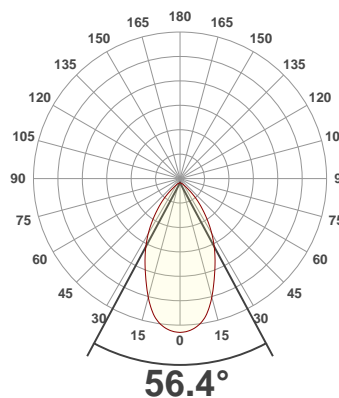
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



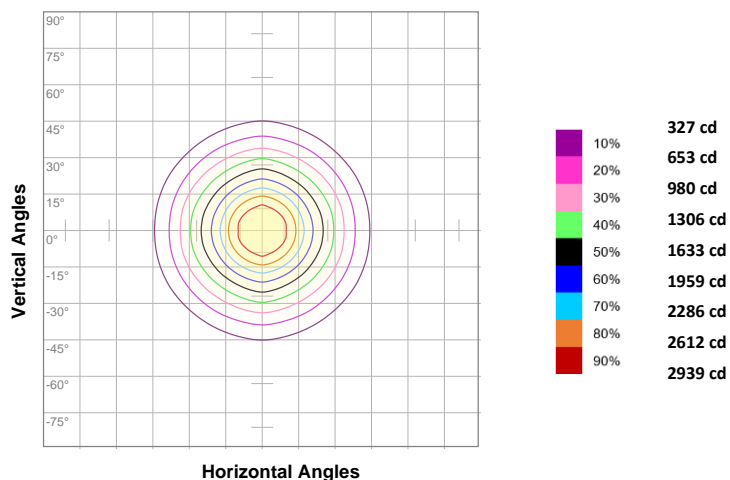
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT:	3245 lm
EFFICACY:	59 lm/W
PEAK INTENSITY:	3268 cd
COLOR RENDERING INDEX (CRI):	0.0
COLOR TEMPERATURE (CCT):	0K
FIDELITY INDEX (TM30Rf):	0.0
GAMUT INDEX (TM30Rg):	0.0

BEAM OUTPUT DATA

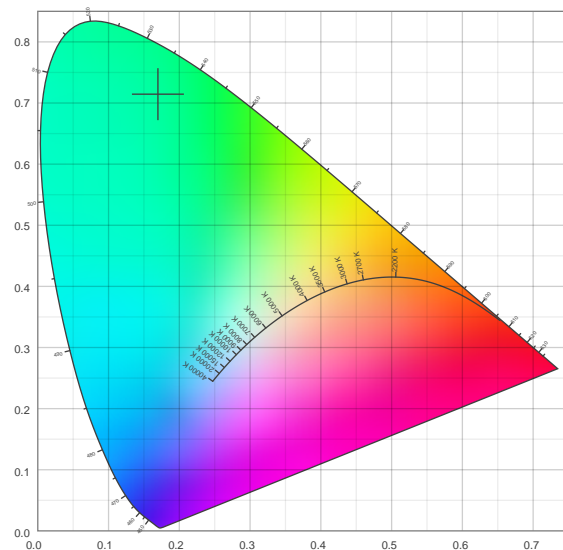
BEAM ANGLE (FWHM) C0/180:	55.9°
BEAM ANGLE (FWHM) C90/270:	56.4°
FIELD ANGLE (10%) C0/180:	98.5°
FIELD ANGLE (10%) C90/270:	100.2°
NUMBER OF PLANES MEASURED:	12

ISOCANDELA DIAGRAM

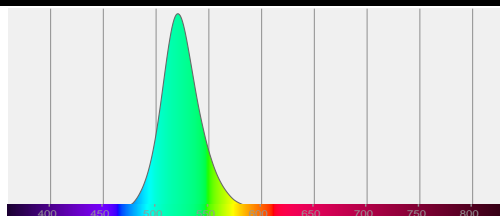


INPUT POWER:	55.1 W
POWER FACTOR:	1.0
OPTICAL POWER:	6.74 mW
PEAK WAVELENGTH:	521 nm
DOMINANT WAVELENGTH:	527 nm

CIE 1931



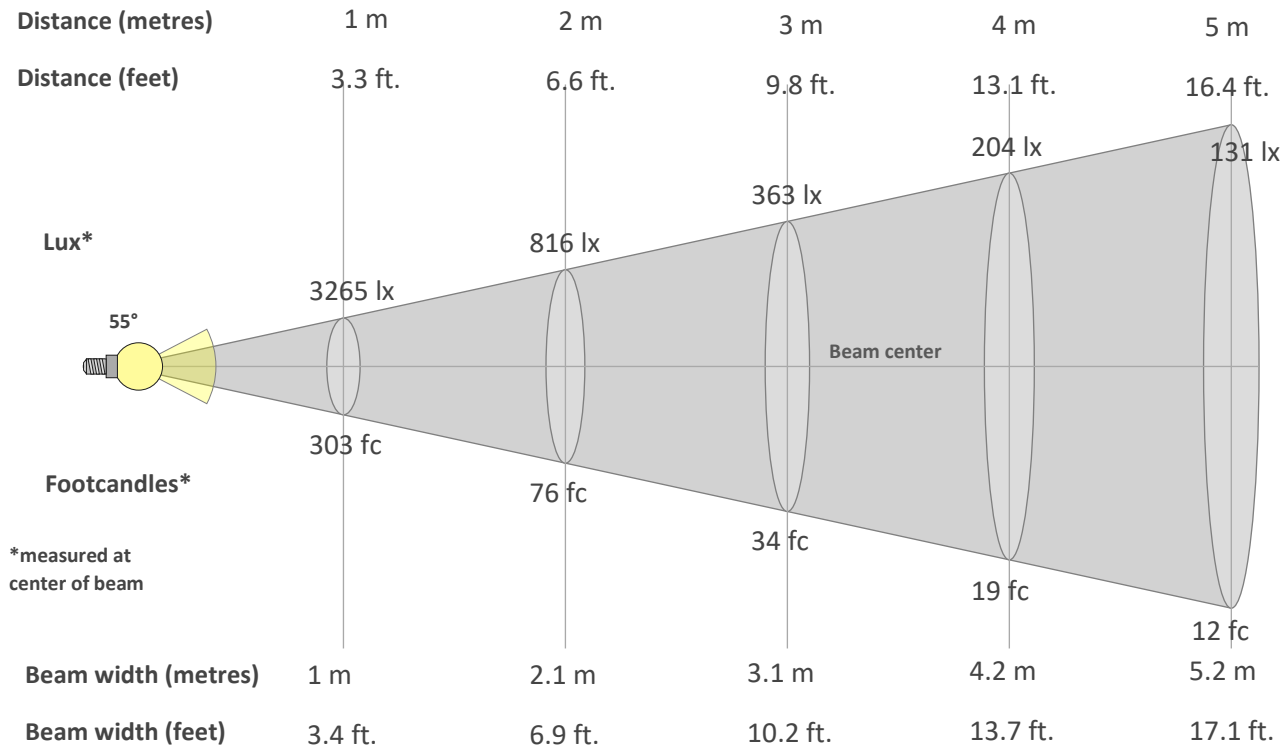
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.170
y: 0.714
u: 0.060
v: 0.382
 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
3265lx	816lx	363lx	204lx	131lx	91lx	67lx	51lx	40lx	33lx	27lx	23lx	19lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx
303.3fc	75.8fc	33.7fc	19fc	12.1fc	8.4fc	6.2fc	4.7fc	3.7fc	3fc	2.5fc	2.1fc	1.8fc	1.5fc	1.3fc	1.2fc	1fc	0.9fc	0.8fc	0.8fc

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°
3265	3244	3209	3152	3078	2984	2867	2725	2563	2388	2217	2056	1906	1763	1625	1491	1355	1217	1079	942
100%	99%	98%	97%	94%	91%	88%	83%	78%	73%	68%	63%	58%	54%	50%	46%	41%	37%	33%	29%

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°
3265	3254	3230	3186	3119	3027	2907	2757	2589	2412	2241	2080	1929	1785	1645	1506	1366	1227	1088	955
100%	100%	99%	98%	96%	93%	89%	84%	79%	74%	69%	64%	59%	55%	50%	46%	42%	38%	33%	29%

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°
3265	3244	3209	3152	3078	2984	2867	2725	2563	2388	2217	2056	1906	1763	1625	1491	1355	1217	1079	942
100%	99%	98%	97%	94%	91%	88%	83%	78%	73%	68%	63%	58%	54%	50%	46%	41%	37%	33%	29%

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°
3265	3254	3230	3186	3119	3027	2907	2757	2589	2412	2241	2080	1929	1785	1645	1506	1366	1227	1088	955
100%	100%	99%	98%	96%	93%	89%	84%	79%	74%	69%	64%	59%	55%	50%	46%	42%	38%	33%	29%