

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

PRODUCT PHOTOMETRIC REPORT



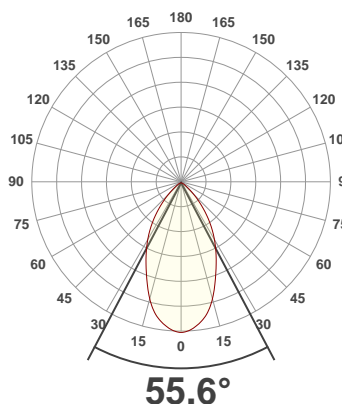
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-878

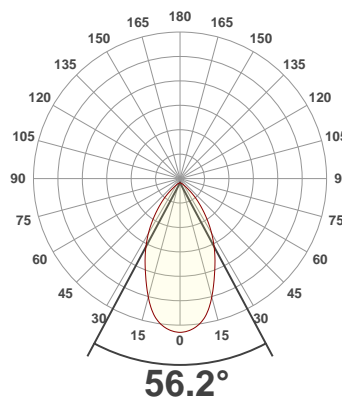
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



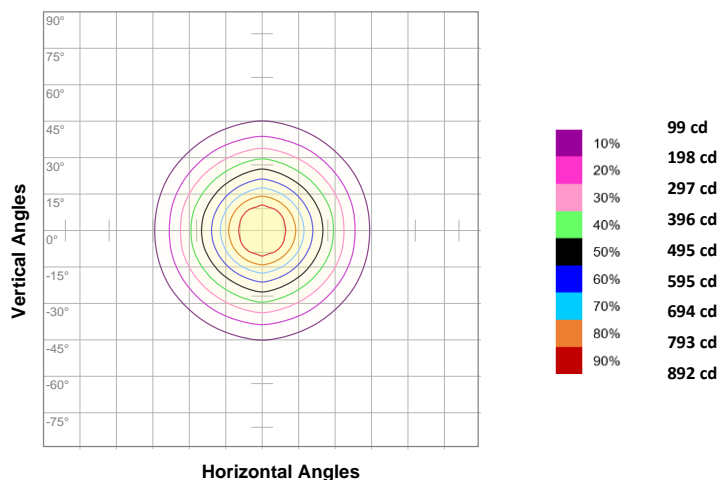
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 977 lm
EFFICACY: 18 lm/W
PEAK INTENSITY: 992 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

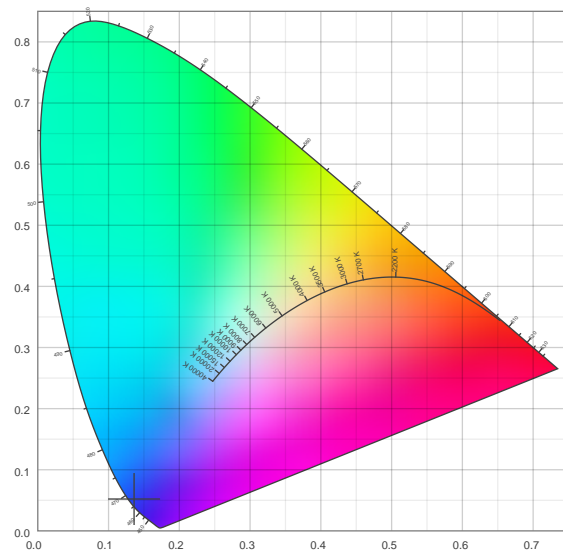
BEAM ANGLE (FWHM) | C0/180: 55.6°
BEAM ANGLE (FWHM) | C90/270: 56.2°
FIELD ANGLE (10%) | C0/180: 98.4°
FIELD ANGLE (10%) | C90/270: 100.2°
NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

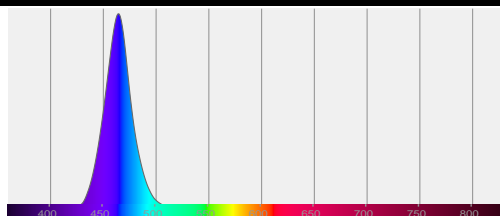


INPUT POWER: 54.4 W
POWER FACTOR: 1.0
OPTICAL POWER: 15.7 mW
PEAK WAVELENGTH: 465 nm
DOMINANT WAVELENGTH: 467 nm

CIE 1931



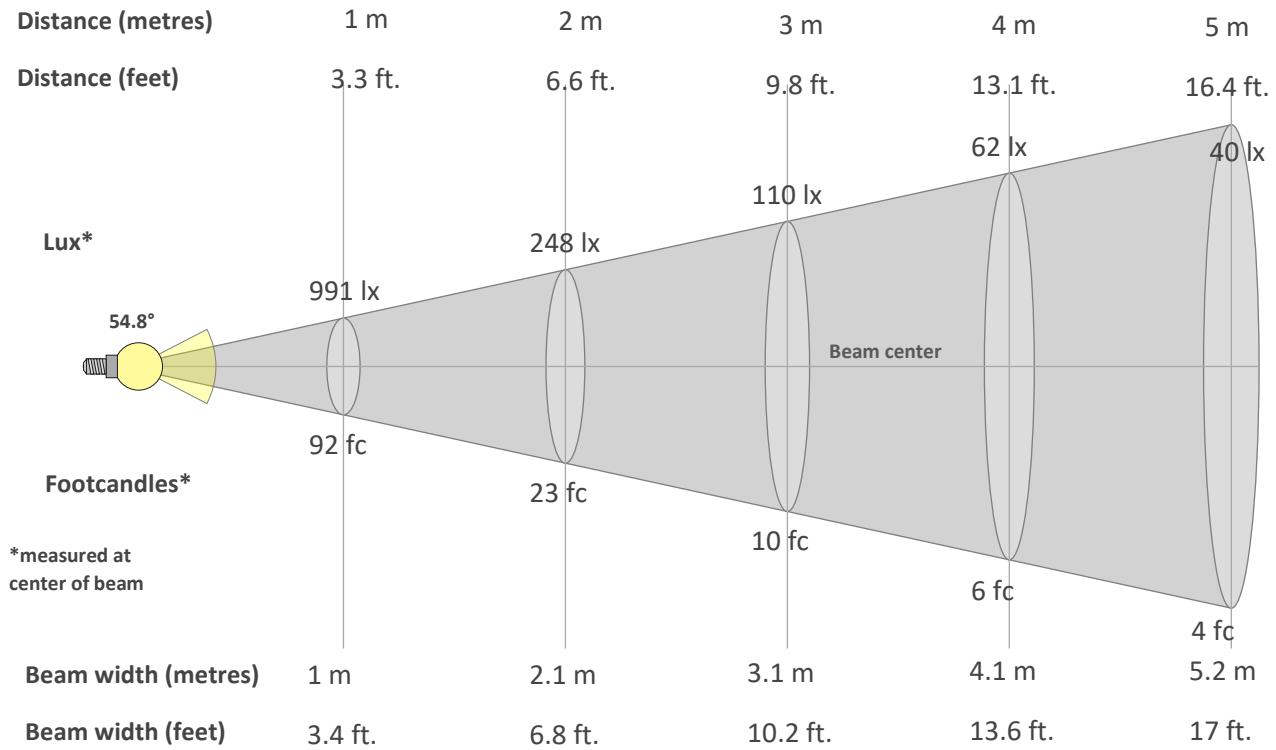
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.136
y: 0.052
u: 0.162
v: 0.093
 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
991lx	248lx	110lx	62lx	40lx	28lx	20lx	15lx	12lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx
92.1fc	23fc	10.2fc	5.8fc	3.7fc	2.6fc	1.9fc	1.4fc	1.1fc	0.9fc	0.8fc	0.6fc	0.5fc	0.5fc	0.4fc	0.4fc	0.3fc	0.3fc	0.3fc	0.2fc

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°
991	985	973	954	931	903	868	825	776	723	671	622	576	532	490	449	408	367	326	285
100%	99%	98%	96%	94%	91%	88%	83%	78%	73%	68%	63%	58%	54%	49%	45%	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°
991	987	979	965	945	917	881	836	785	731	679	630	584	541	497	455	413	371	329	289
100%	100%	99%	97%	95%	93%	89%	84%	79%	74%	69%	64%	59%	55%	50%	46%	42%	37%	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°
991	985	973	954	931	903	868	825	776	723	671	622	576	532	490	449	408	367	326	285
100%	99%	98%	96%	94%	91%	88%	83%	78%	73%	68%	63%	58%	54%	49%	45%	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°
991	987	979	965	945	917	881	836	785	731	679	630	584	541	497	455	413	371	329	289
100%	100%	99%	97%	95%	93%	89%	84%	79%	74%	69%	64%	59%	55%	50%	46%	42%	37%	33%	29%