

FL200-RGBW40K-OM-80-ELV (RD)

PRODUCT PHOTOMETRIC REPORT



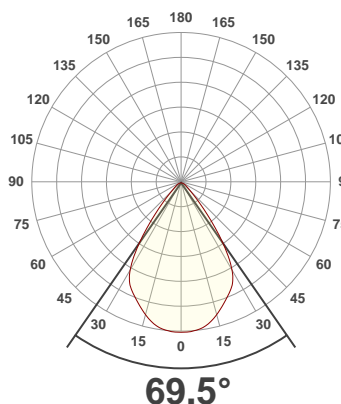
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-868

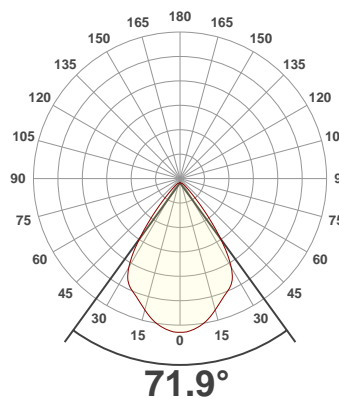
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



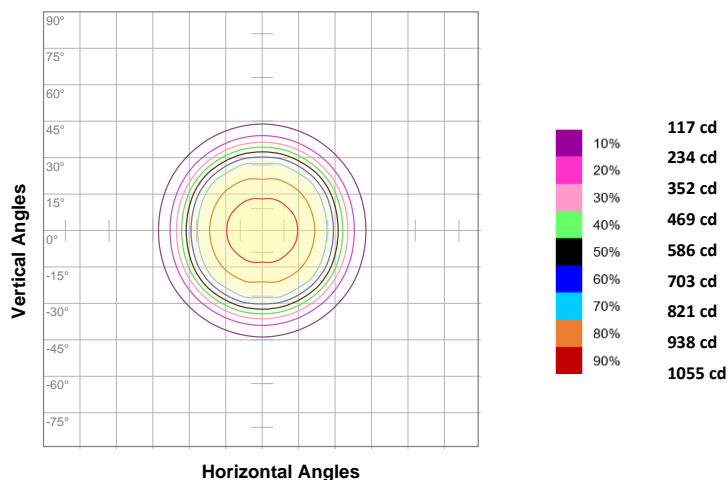
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1473 lm
EFFICACY: 46 lm/W
PEAK INTENSITY: 1174 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

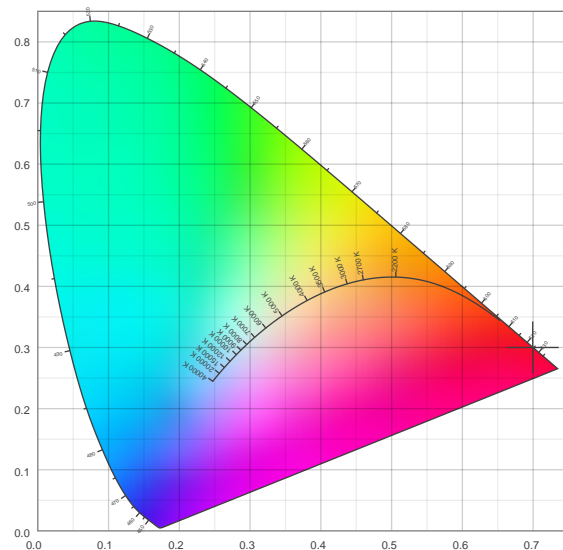
BEAM ANGLE (FWHM) | C0/180: 69.5°
BEAM ANGLE (FWHM) | C90/270: 71.9°
FIELD ANGLE (10%) | C0/180: 95°
FIELD ANGLE (10%) | C90/270: 97.4°
NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

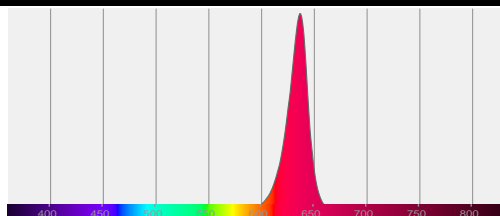


INPUT POWER: 32.1 W
POWER FACTOR: 1.0
OPTICAL POWER: 8.52 mW
PEAK WAVELENGTH: 637 nm
DOMINANT WAVELENGTH: 625 nm

CIE 1931

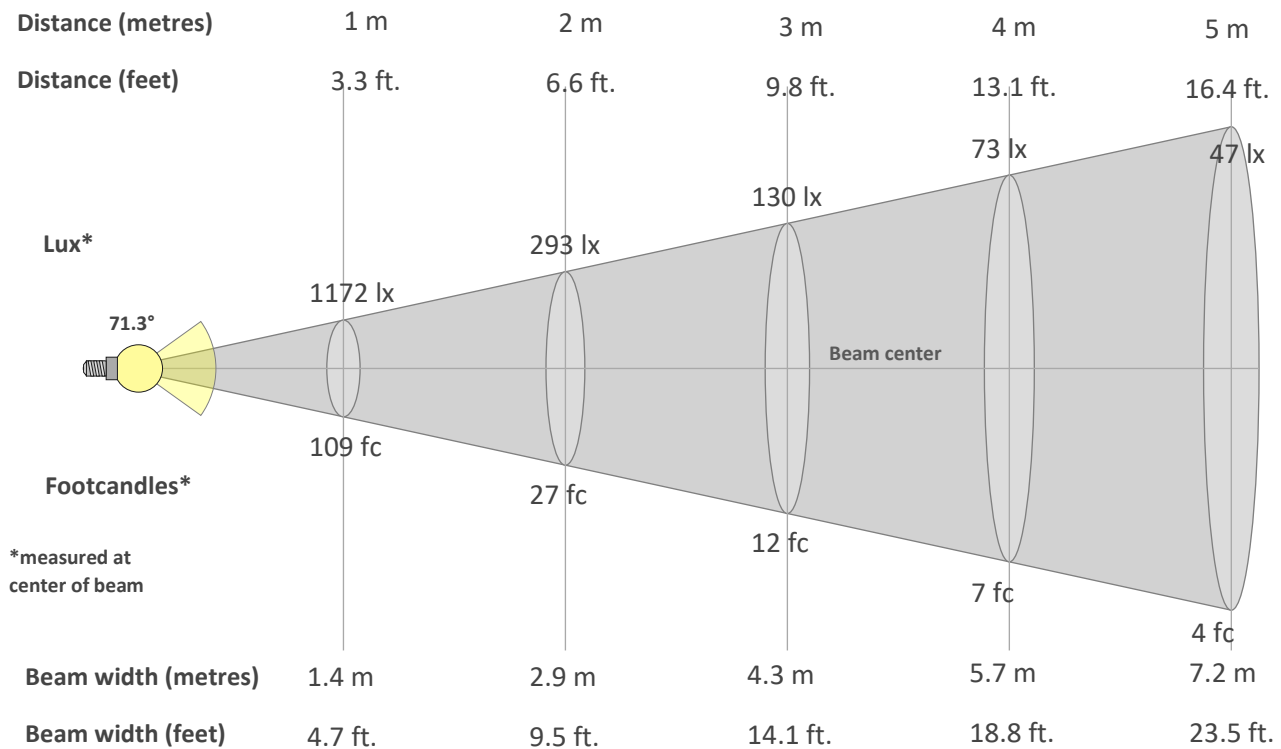


SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.699
y: 0.300
u: 0.538
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
1172lx	293lx	130lx	73lx	47lx	33lx	24lx	18lx	14lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx
108.9fc	27.2fc	12.1fc	6.8fc	4.4fc	3fc	2.2fc	1.7fc	1.3fc	1.1fc	0.9fc	0.8fc	0.6fc	0.6fc	0.5fc	0.4fc	0.4fc	0.3fc	0.3fc	0.3fc

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°
1172	1170	1166	1160	1150	1135	1113	1087	1058	1028	997	968	939	907	865	808	726	625	517	410
100%	100%	99%	99%	98%	97%	95%	93%	90%	88%	85%	83%	80%	77%	74%	69%	62%	53%	44%	35%

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°
1172	1169	1161	1148	1133	1113	1090	1062	1032	1004	977	953	932	911	881	837	773	685	581	474
100%	100%	99%	98%	97%	95%	93%	91%	88%	86%	83%	81%	80%	78%	75%	71%	66%	58%	50%	40%

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°
1172	1170	1166	1160	1150	1135	1113	1087	1058	1028	997	968	939	907	865	808	726	625	517	410
100%	100%	99%	99%	98%	97%	95%	93%	90%	88%	85%	83%	80%	77%	74%	69%	62%	53%	44%	35%

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°
1172	1169	1161	1148	1133	1113	1090	1062	1032	1004	977	953	932	911	881	837	773	685	581	474
100%	100%	99%	98%	97%	95%	93%	91%	88%	86%	83%	81%	80%	78%	75%	71%	66%	58%	50%	40%