

FL200-RGBW40K-OM-10x60-ELV (BL)

PRODUCT PHOTOMETRIC REPORT



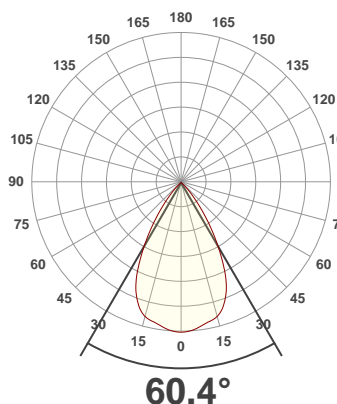
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191016-886

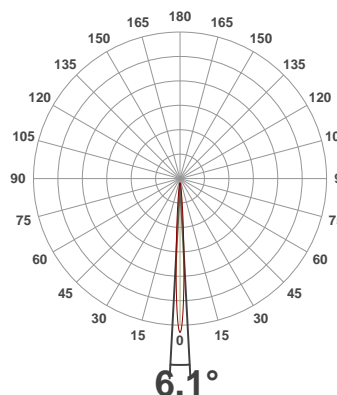
DATE OF MEASUREMENT: 2019-10-16

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



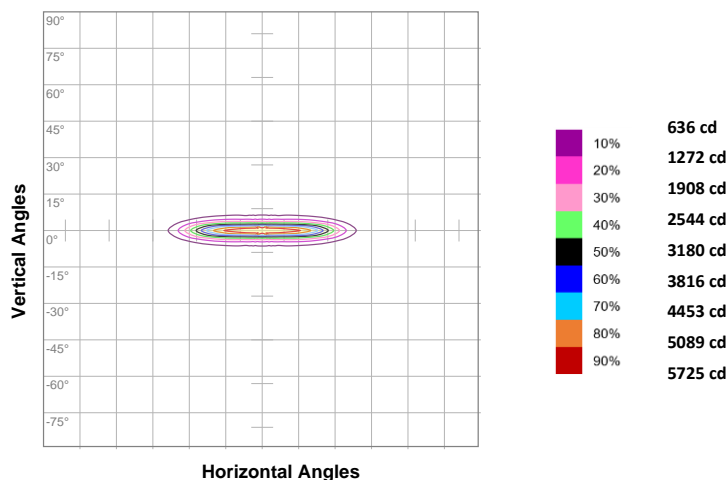
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 951 lm
EFFICACY: 17 lm/W
PEAK INTENSITY: 6364 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

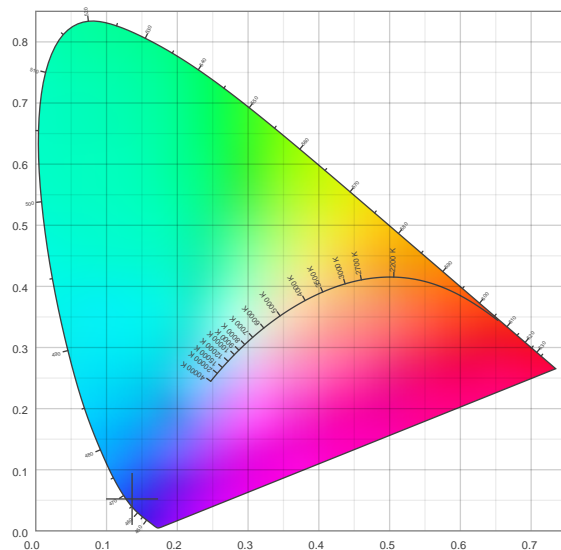
BEAM ANGLE (FWHM) | C0/180: 60.4°
BEAM ANGLE (FWHM) | C90/270: 6.1°
FIELD ANGLE (10%) | C0/180: 86°
FIELD ANGLE (10%) | C90/270: 14.2°
NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

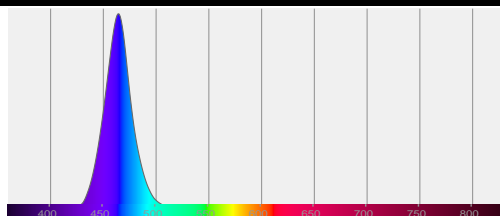


INPUT POWER: 54.4 W
POWER FACTOR: 1.0
OPTICAL POWER: 15.3 mW
PEAK WAVELENGTH: 465 nm
DOMINANT WAVELENGTH: 467 nm

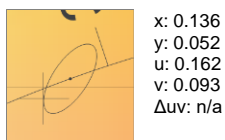
CIE 1931



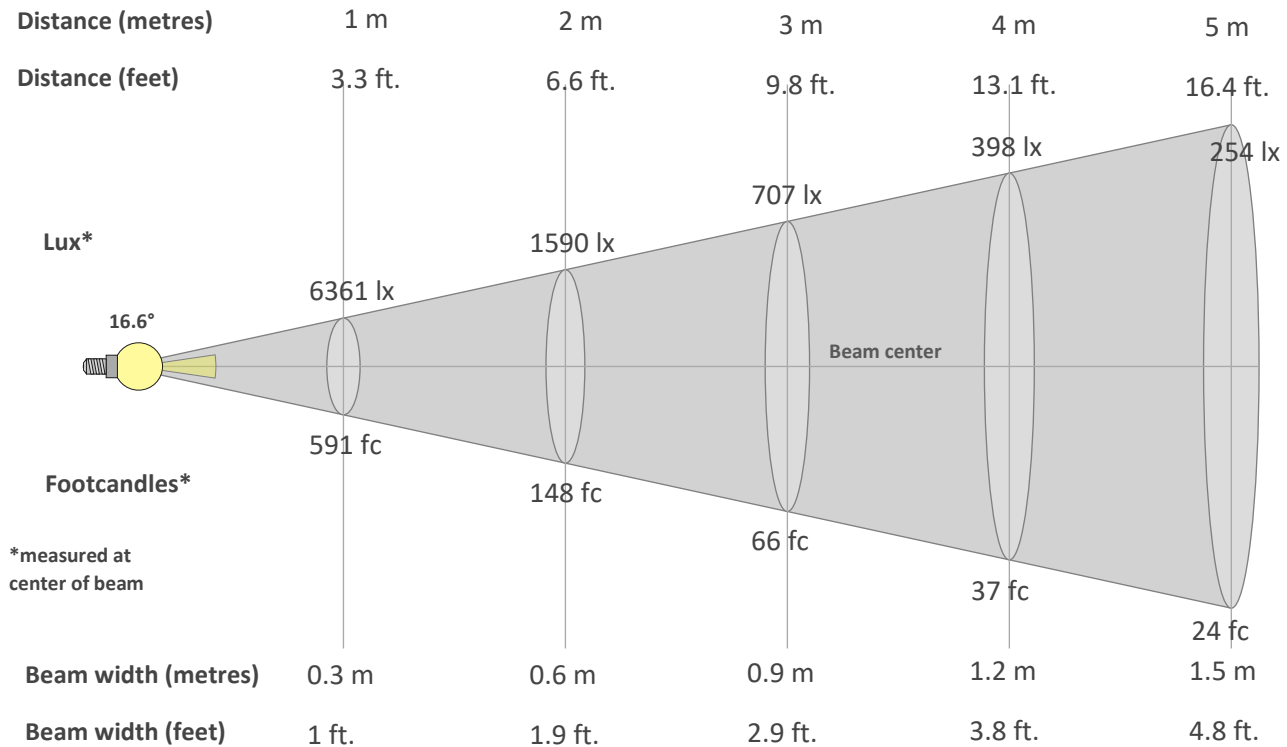
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM



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
6361lx	1590lx	707lx	398lx	254lx	177lx	130lx	99lx	79lx	64lx	53lx	44lx	38lx	32lx	28lx	25lx	22lx	20lx	18lx	16lx
590.9fc	147.7fc	65.7fc	36.9fc	23.6fc	16.4fc	12.1fc	9.2fc	7.3fc	5.9fc	4.9fc	4.1fc	3.5fc	3fc	2.6fc	2.3fc	2fc	1.8fc	1.6fc	1.5fc

Intensity in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6361	6357	6345	6329	6306	6277	6242	6201	6158	6116	6079	6044	6019	5989	5952	5903	5840	5757	5662	5547
100%	100%	100%	99%	99%	99%	98%	97%	97%	96%	96%	95%	95%	94%	94%	93%	92%	91%	89%	87%

Intensity in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6361	5854	4611	3236	2144	1410	948	658	474	353	270	212	171	142	120	105	93	84	75	66
100%	92%	72%	51%	34%	22%	15%	10%	7%	6%	4%	3%	3%	2%	2%	2%	1%	1%	1%	1%

Intensity in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6361	6357	6345	6329	6306	6277	6242	6201	6158	6116	6079	6044	6019	5989	5952	5903	5840	5757	5662	5547
100%	100%	100%	99%	99%	99%	98%	97%	97%	96%	96%	95%	95%	94%	94%	93%	92%	91%	89%	87%

Intensity in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6361	5854	4611	3236	2144	1410	948	658	474	353	270	212	171	142	120	105	93	84	75	66
100%	92%	72%	51%	34%	22%	15%	10%	7%	6%	4%	3%	3%	2%	2%	2%	1%	1%	1%	1%