

FL200-RGBW40K-OM-30x60-ELV (GR)

PRODUCT PHOTOMETRIC REPORT



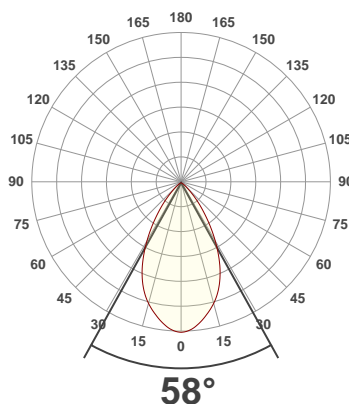
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191017-892

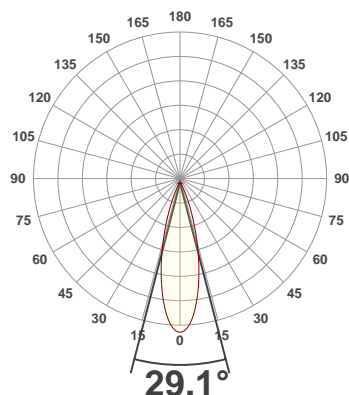
DATE OF MEASUREMENT: 2019-10-17

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



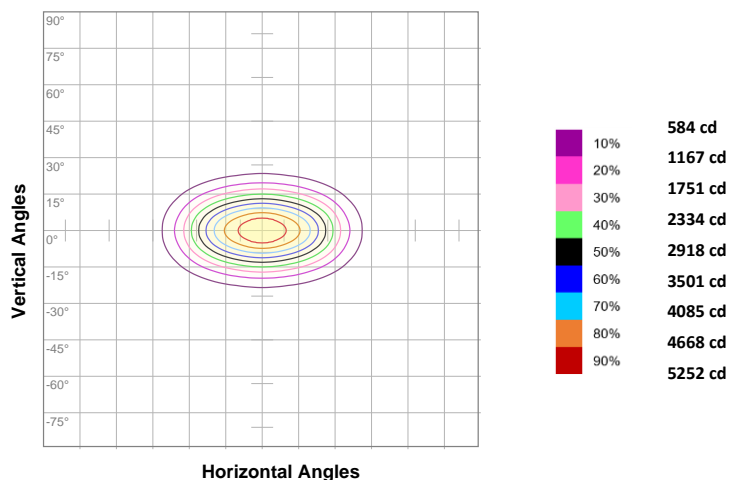
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 3194 lm
EFFICACY: 58 lm/W
PEAK INTENSITY: 5838 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

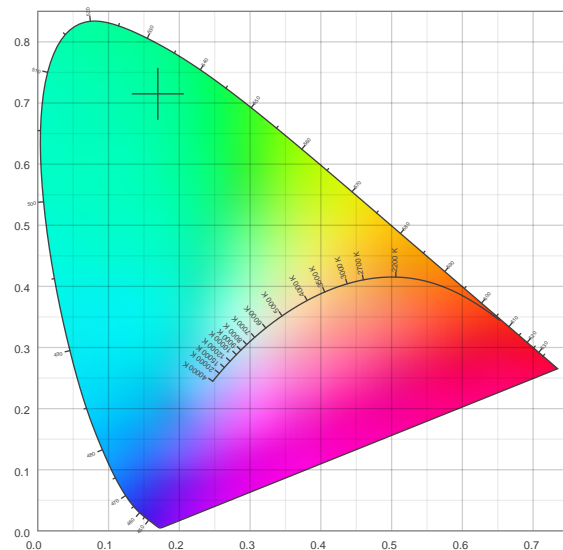
BEAM ANGLE (FWHM) | C0/180: 58°
BEAM ANGLE (FWHM) | C90/270: 29.1°
FIELD ANGLE (10%) | C0/180: 91.5°
FIELD ANGLE (10%) | C90/270: 52.2°
NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

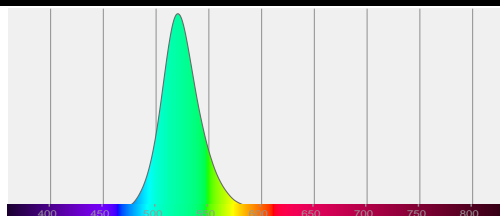


INPUT POWER: 55.1 W
POWER FACTOR: 1.0
OPTICAL POWER: 6.63 mW
PEAK WAVELENGTH: 521 nm
DOMINANT WAVELENGTH: 527 nm

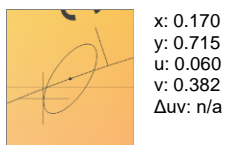
CIE 1931



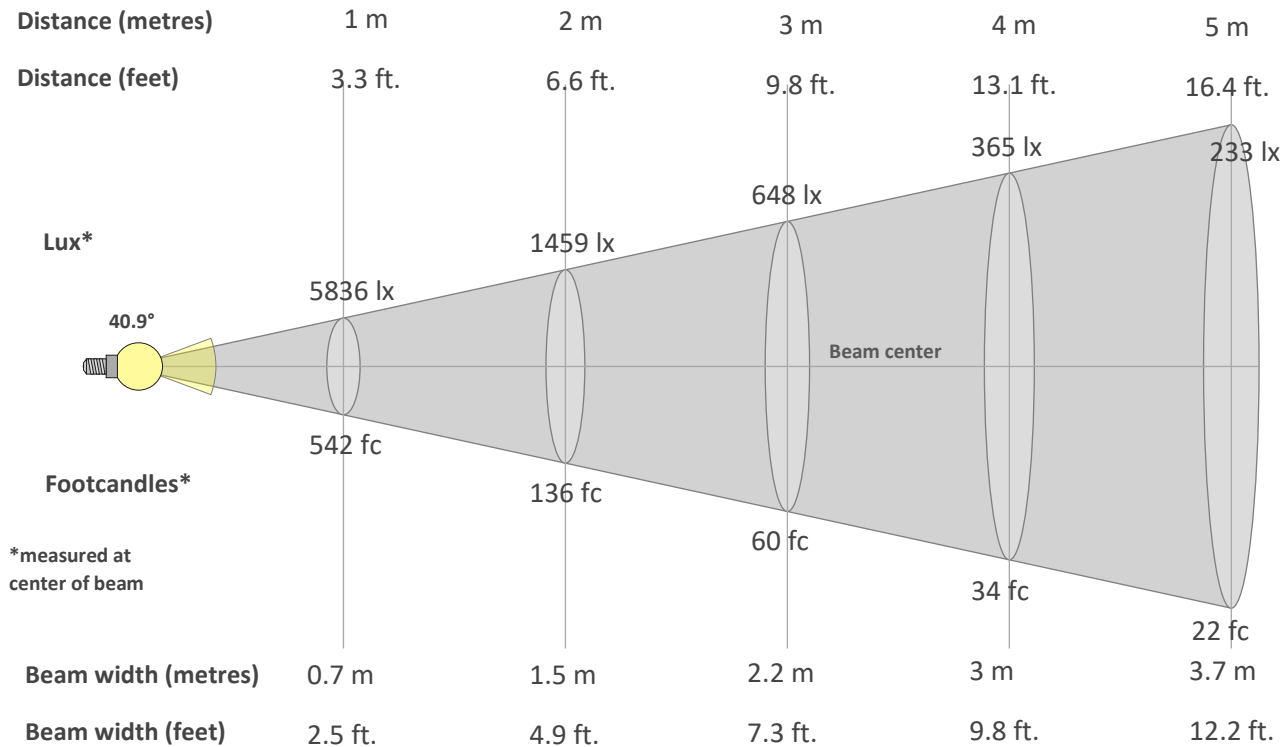
SPECTRAL DISTRIBUTION



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
5836lx	1459lx	648lx	365lx	233lx	162lx	119lx	91lx	72lx	58lx	48lx	41lx	35lx	30lx	26lx	23lx	20lx	18lx	16lx	15lx
542.1fc	135.5fc	60.2fc	33.9fc	21.7fc	15.1fc	11.1fc	8.5fc	6.7fc	5.4fc	4.5fc	3.8fc	3.2fc	2.8fc	2.4fc	2.1fc	1.9fc	1.7fc	1.5fc	1.4fc

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°
5836	5810	5735	5624	5487	5330	5165	4991	4801	4586	4343	4068	3768	3442	3096	2744	2398	2058	1734	1437
100%	100%	98%	96%	94%	91%	89%	86%	82%	79%	74%	70%	65%	59%	53%	47%	41%	35%	30%	25%

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°
5836	5754	5520	5166	4705	4186	3631	3068	2513	1996	1533	1147	829	593	425	309	235	190	158	138
100%	99%	95%	89%	81%	72%	62%	53%	43%	34%	26%	20%	14%	10%	7%	5%	4%	3%	3%	2%

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°
5836	5810	5735	5624	5487	5330	5165	4991	4801	4586	4343	4068	3768	3442	3096	2744	2398	2058	1734	1437
100%	100%	98%	96%	94%	91%	89%	86%	82%	79%	74%	70%	65%	59%	53%	47%	41%	35%	30%	25%

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°
5836	5754	5520	5166	4705	4186	3631	3068	2513	1996	1533	1147	829	593	425	309	235	190	158	138
100%	99%	95%	89%	81%	72%	62%	53%	43%	34%	26%	20%	14%	10%	7%	5%	4%	3%	3%	2%