

FL200-RGBW40K-OM-60x30-ELV (GR)

PRODUCT PHOTOMETRIC REPORT



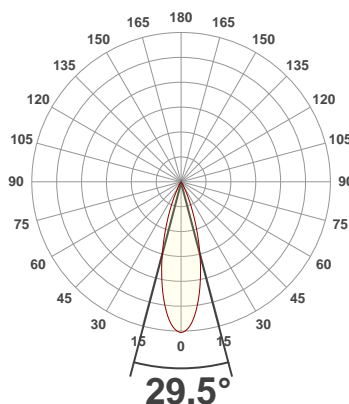
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191016-888

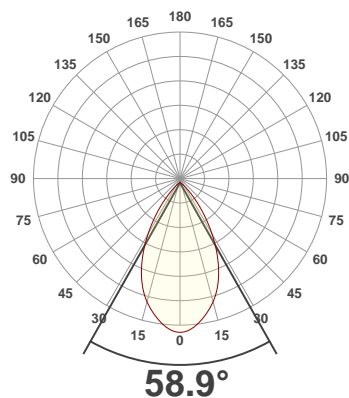
DATE OF MEASUREMENT: 2019-10-16

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



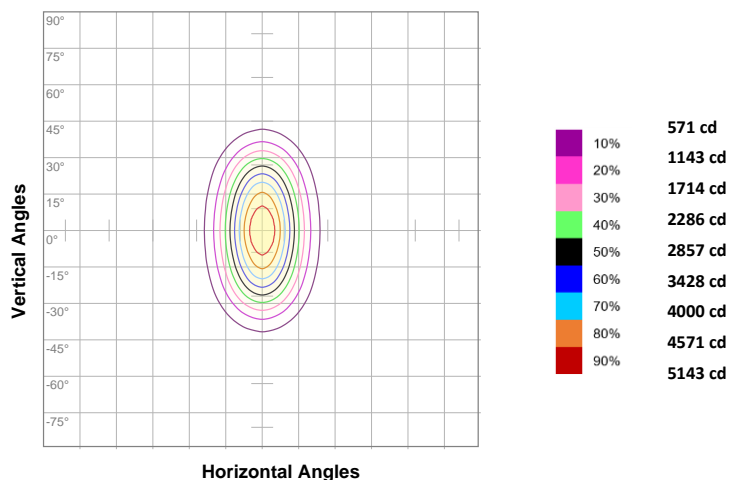
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 3215 lm
EFFICACY: 58 lm/W
PEAK INTENSITY: 5721 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

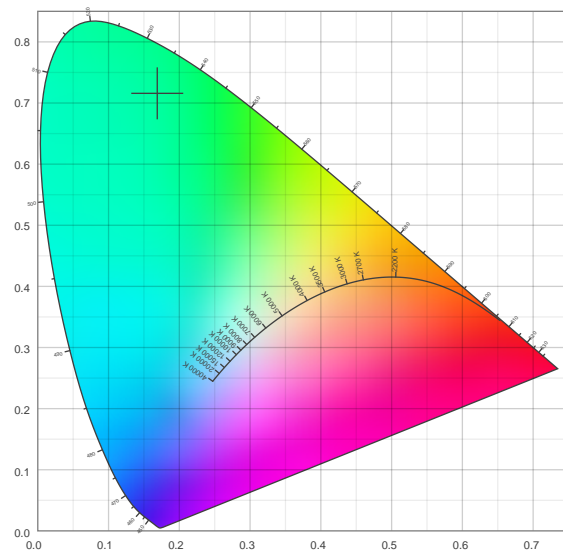
BEAM ANGLE (FWHM) | C0/180: 29.5°
BEAM ANGLE (FWHM) | C90/270: 58.9°
FIELD ANGLE (10%) | C0/180: 53.1°
FIELD ANGLE (10%) | C90/270: 92.6°
NUMBER OF PLANES MEASURED: 36

ISOCANDELA DIAGRAM

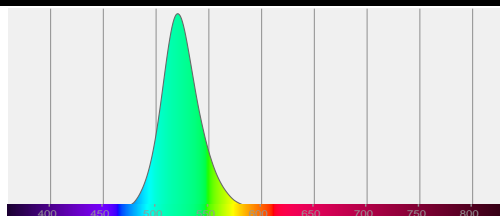


INPUT POWER: 55.1 W
POWER FACTOR: 1.0
OPTICAL POWER: 6.68 mW
PEAK WAVELENGTH: 521 nm
DOMINANT WAVELENGTH: 527 nm

CIE 1931



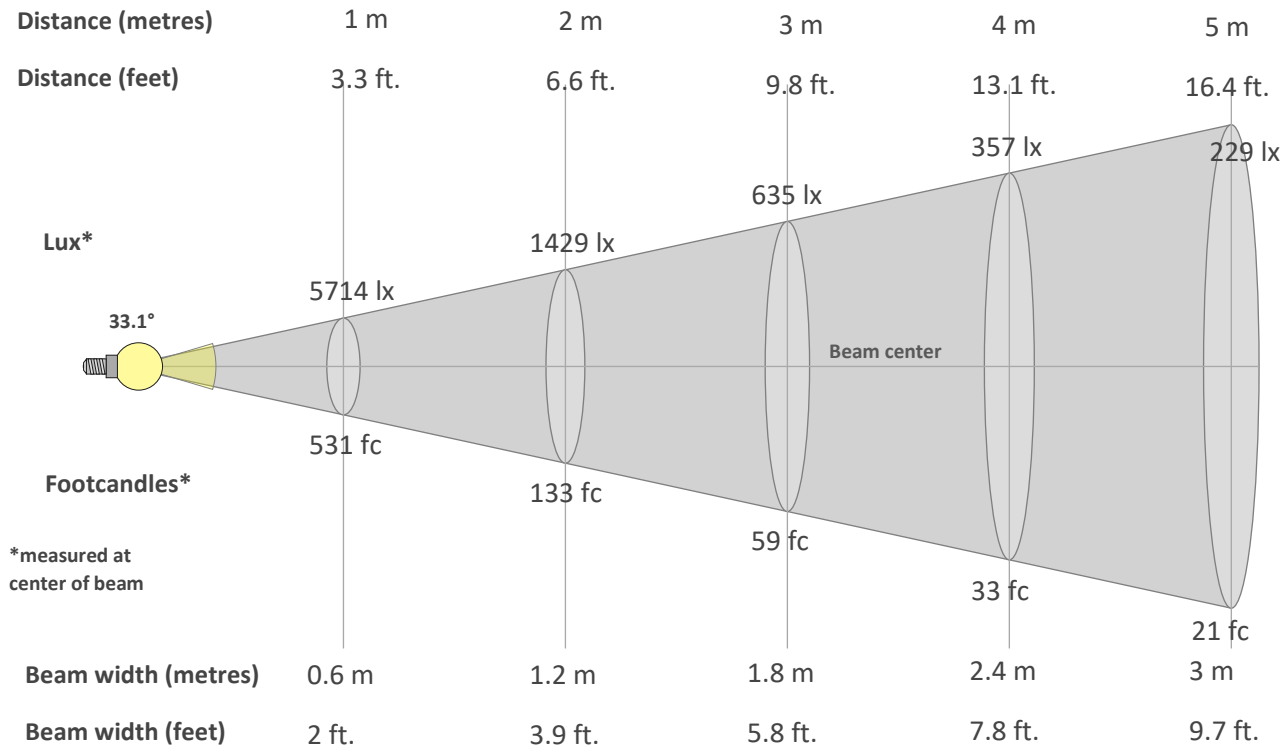
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.169
y: 0.716
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
5714lx	1429lx	635lx	357lx	229lx	159lx	117lx	89lx	71lx	57lx	47lx	40lx	34lx	29lx	25lx	22lx	20lx	18lx	16lx	14lx
530.8fc	132.7fc	59fc	33.2fc	21.2fc	14.7fc	10.8fc	8.3fc	6.6fc	5.3fc	4.4fc	3.7fc	3.1fc	2.7fc	2.4fc	2.1fc	1.8fc	1.6fc	1.5fc	1.3fc

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°
5714	5640	5415	5068	4629	4129	3596	3058	2522	2021	1567	1184	870	624	452	332	251	201	168	146
100%	99%	95%	89%	81%	72%	63%	54%	44%	35%	27%	21%	15%	11%	8%	6%	4%	4%	3%	3%

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°
5714	5690	5623	5520	5390	5241	5079	4904	4717	4508	4270	4008	3721	3414	3096	2768	2436	2109	1793	1495
100%	100%	98%	97%	94%	92%	89%	86%	83%	79%	75%	70%	65%	60%	54%	48%	43%	37%	31%	26%

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°
5714	5640	5415	5068	4629	4129	3596	3058	2522	2021	1567	1184	870	624	452	332	251	201	168	146
100%	99%	95%	89%	81%	72%	63%	54%	44%	35%	27%	21%	15%	11%	8%	6%	4%	4%	3%	3%

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°
5714	5690	5623	5520	5390	5241	5079	4904	4717	4508	4270	4008	3721	3414	3096	2768	2436	2109	1793	1495
100%	100%	98%	97%	94%	92%	89%	86%	83%	79%	75%	70%	65%	60%	54%	48%	43%	37%	31%	26%