

FL200-RGBW40K-OM-20-ELV (RD)

PRODUCT PHOTOMETRIC REPORT



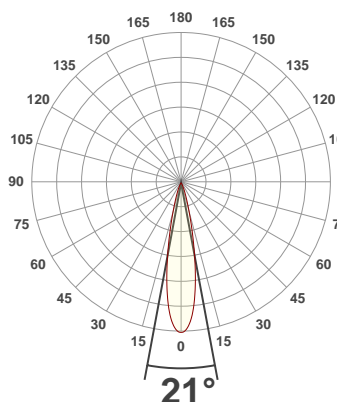
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191011-856

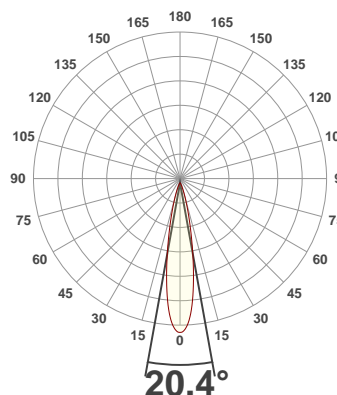
DATE OF MEASUREMENT: 2019-10-11

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



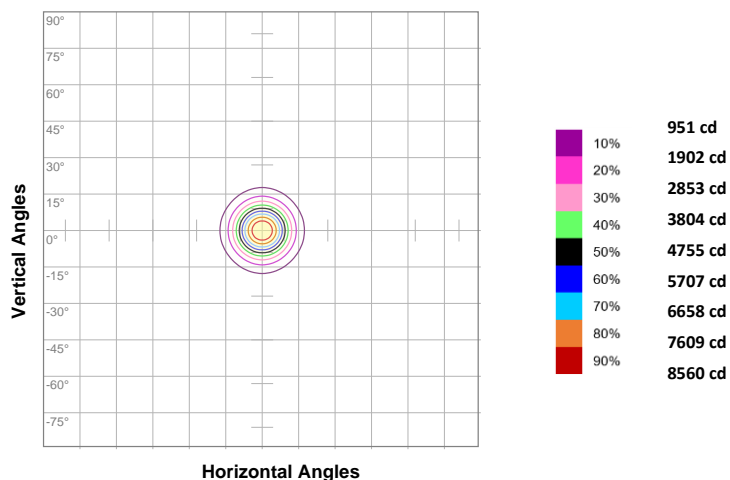
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1570 lm
 EFFICACY: 49 lm/W
 PEAK INTENSITY: 9522 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

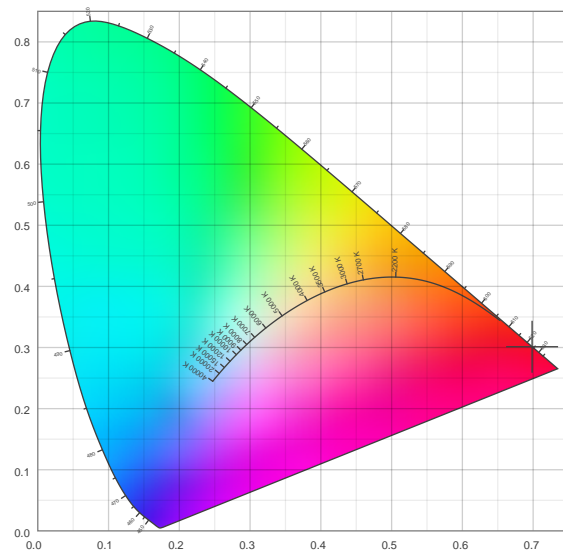
BEAM ANGLE (FWHM) | C0/180: 21°
 BEAM ANGLE (FWHM) | C90/270: 20.4°
 FIELD ANGLE (10%) | C0/180: 38.8°
 FIELD ANGLE (10%) | C90/270: 39.6°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

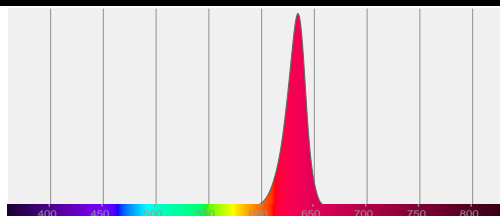


INPUT POWER: 32.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 8.59 mW
 PEAK WAVELENGTH: 635 nm
 DOMINANT WAVELENGTH: 624 nm

CIE 1931



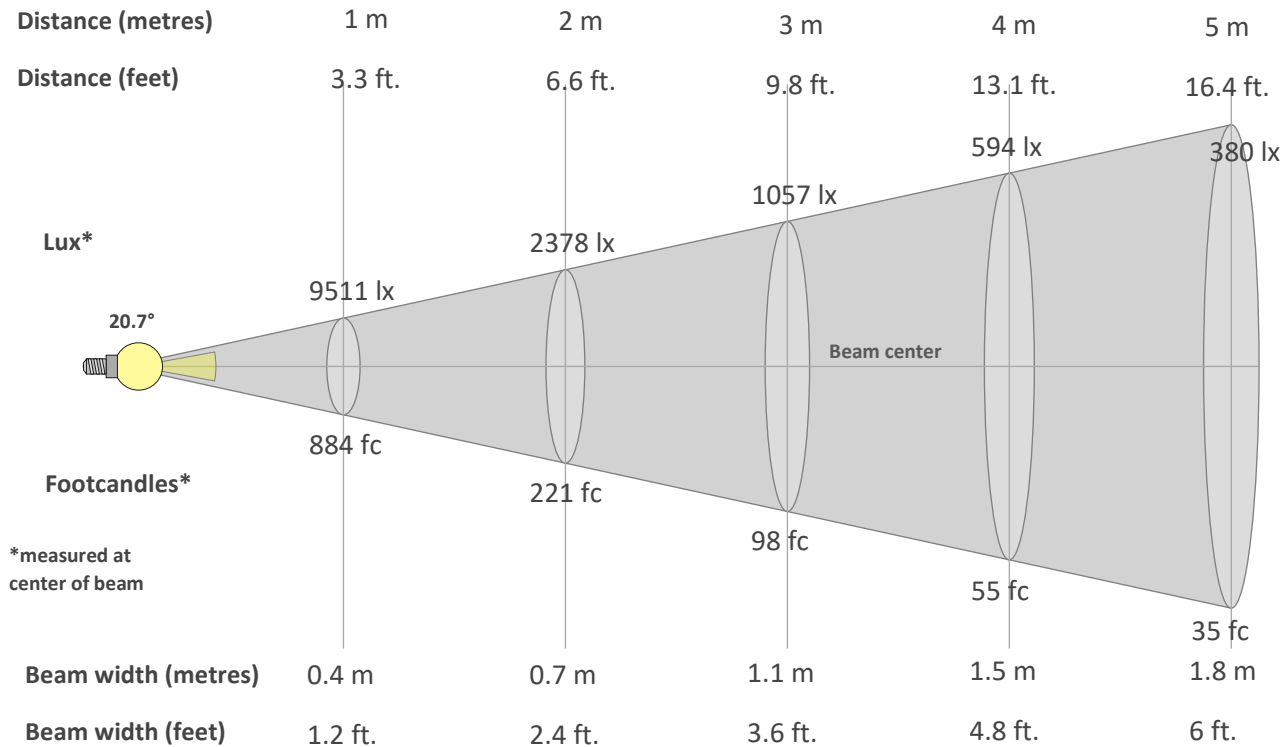
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.699
 y: 0.301
 u: 0.535
 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
9511lx	2378lx	1057lx	594lx	380lx	264lx	194lx	149lx	117lx	95lx	79lx	66lx	56lx	49lx	42lx	37lx	33lx	29lx	26lx	24lx
883.6fc	220.9fc	98.2fc	55.2fc	35.3fc	24.5fc	18fc	13.8fc	10.9fc	8.8fc	7.3fc	6.1fc	5.2fc	4.5fc	3.9fc	3.5fc	3.1fc	2.7fc	2.4fc	2.2fc

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°
9511	9462	9323	9087	8760	8334	7811	7199	6537	5830	5111	4409	3753	3151	2620	2167	1788	1475	1223	1016
100%	99%	98%	96%	92%	88%	82%	76%	69%	61%	54%	46%	39%	33%	28%	23%	19%	16%	13%	11%

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°
9511	9457	9303	9047	8684	8214	7640	6987	6284	5576	4879	4220	3618	3082	2607	2196	1847	1550	1299	1090
100%	99%	98%	95%	91%	86%	80%	73%	66%	59%	51%	44%	38%	32%	27%	23%	19%	16%	14%	11%

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°
9511	9462	9323	9087	8760	8334	7811	7199	6537	5830	5111	4409	3753	3151	2620	2167	1788	1475	1223	1016
100%	99%	98%	96%	92%	88%	82%	76%	69%	61%	54%	46%	39%	33%	28%	23%	19%	16%	13%	11%

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°
9511	9457	9303	9047	8684	8214	7640	6987	6284	5576	4879	4220	3618	3082	2607	2196	1847	1550	1299	1090
100%	99%	98%	95%	91%	86%	80%	73%	66%	59%	51%	44%	38%	32%	27%	23%	19%	16%	14%	11%