

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

PRODUCT PHOTOMETRIC REPORT



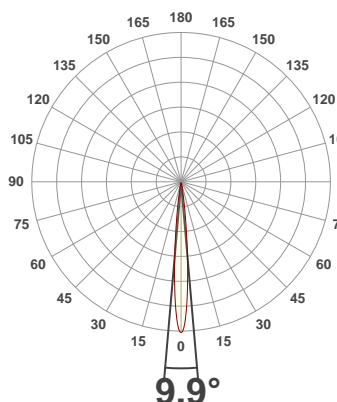
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191011-854

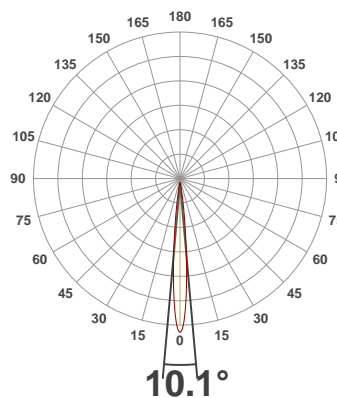
DATE OF MEASUREMENT: 2019-10-11

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



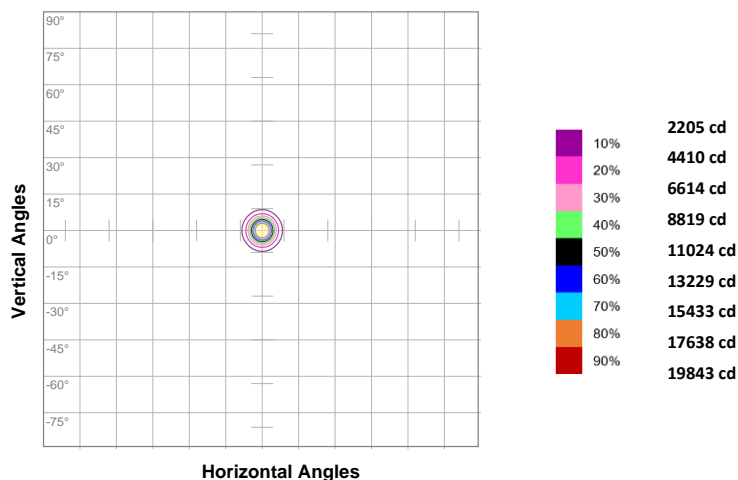
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 898 lm
 EFFICACY: 16 lm/W
 PEAK INTENSITY: 22062 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

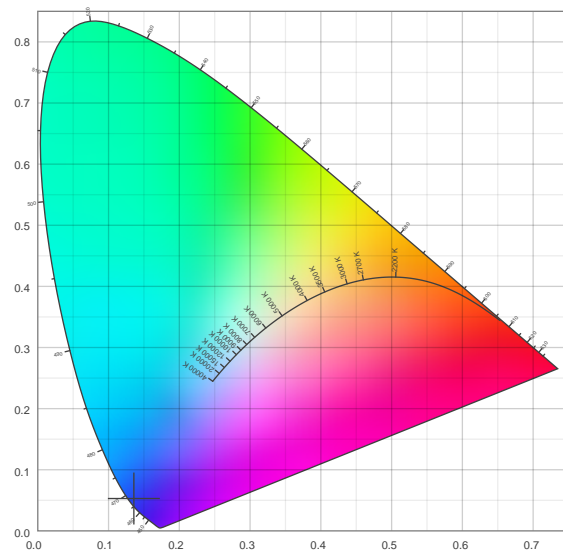
BEAM ANGLE (FWHM) | C0/180: 9.9°
 BEAM ANGLE (FWHM) | C90/270: 10.1°
 FIELD ANGLE (10%) | C0/180: 18.8°
 FIELD ANGLE (10%) | C90/270: 19.5°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

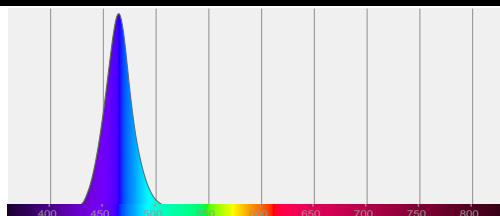


INPUT POWER: 54.4 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 14.3 mW
 PEAK WAVELENGTH: 465 nm
 DOMINANT WAVELENGTH: 467 nm

CIE 1931



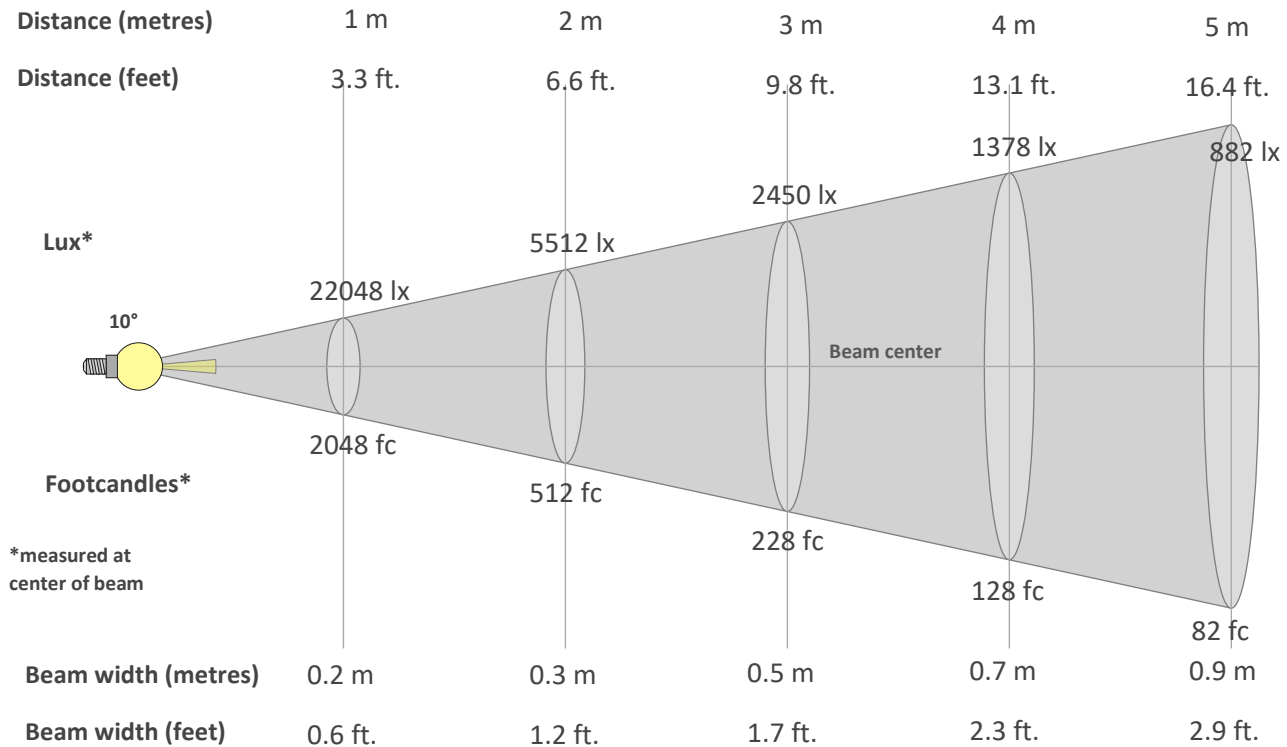
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.136
 y: 0.053
 u: 0.161
 v: 0.094
 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
22048lx	5512lx	2450lx	1378lx	882lx	612lx	450lx	344lx	272lx	220lx	182lx	153lx	130lx	112lx	98lx	86lx	76lx	68lx	61lx	55lx
2048.3fc	512.1fc	227.6fc	128fc	81.9fc	56.9fc	41.8fc	32fc	25.3fc	20.5fc	16.9fc	14.2fc	12.1fc	10.5fc	9.1fc	8fc	7.1fc	6.3fc	5.7fc	5.1fc

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°
22.0K	21.4K	19.6K	17.0K	13.9K	10.8K	7.9K	5.5K	3.8K	2.6K	1.7K	1.2K	0.8K	0.6K	0.4K	0.3K	0.3K	0.2K	0.2K	0.1K
100%	97%	89%	77%	63%	49%	36%	25%	17%	12%	8%	5%	4%	3%	2%	1%	1%	1%	1%	1%

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°
22.0K	21.5K	19.8K	17.2K	14.2K	11.2K	8.3K	6.0K	4.2K	2.9K	2.0K	1.4K	1.0K	0.7K	0.5K	0.4K	0.3K	0.2K	0.2K	0.2K
100%	97%	90%	78%	65%	51%	38%	27%	19%	13%	9%	6%	4%	3%	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°
22.0K	21.4K	19.6K	17.0K	13.9K	10.8K	7.9K	5.5K	3.8K	2.6K	1.7K	1.2K	0.8K	0.6K	0.4K	0.3K	0.3K	0.2K	0.2K	0.1K
100%	97%	89%	77%	63%	49%	36%	25%	17%	12%	8%	5%	4%	3%	2%	1%	1%	1%	1%	1%

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°
22.0K	21.5K	19.8K	17.2K	14.2K	11.2K	8.3K	6.0K	4.2K	2.9K	2.0K	1.4K	1.0K	0.7K	0.5K	0.4K	0.3K	0.2K	0.2K	0.2K
100%	97%	90%	78%	65%	51%	38%	27%	19%	13%	9%	6%	4%	3%	2%	2%	1%	1%	1%	1%