

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

PRODUCT PHOTOMETRIC REPORT



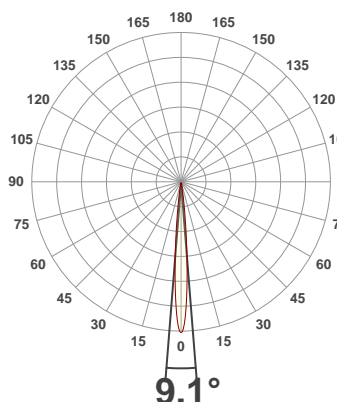
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191011-852

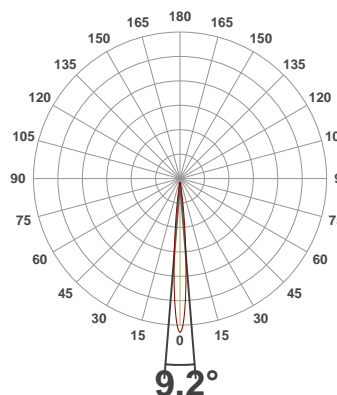
DATE OF MEASUREMENT: 2019-10-11

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



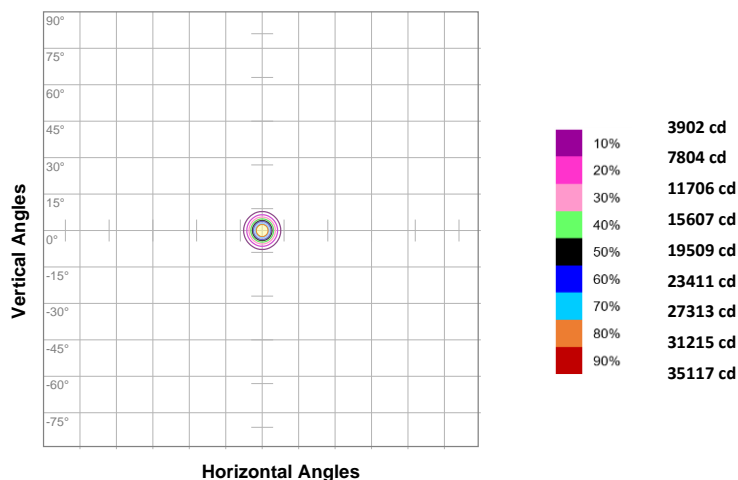
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1325 lm
 EFFICACY: 41 lm/W
 PEAK INTENSITY: 39055 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

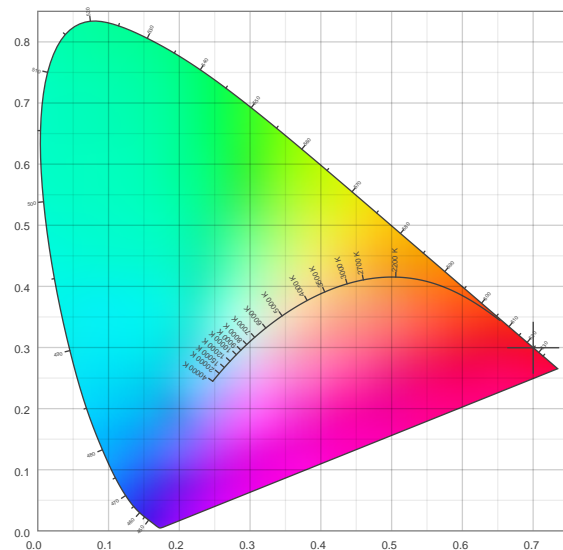
BEAM ANGLE (FWHM) | C0/180: 9.1°
 BEAM ANGLE (FWHM) | C90/270: 9.2°
 FIELD ANGLE (10%) | C0/180: 17.4°
 FIELD ANGLE (10%) | C90/270: 18°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

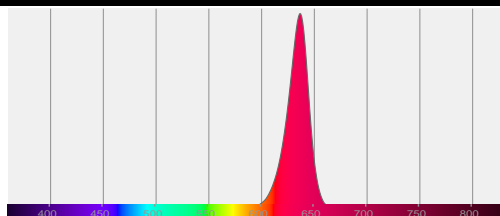


INPUT POWER: 32.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 7.75 mW
 PEAK WAVELENGTH: 637 nm
 DOMINANT WAVELENGTH: 625 nm

CIE 1931



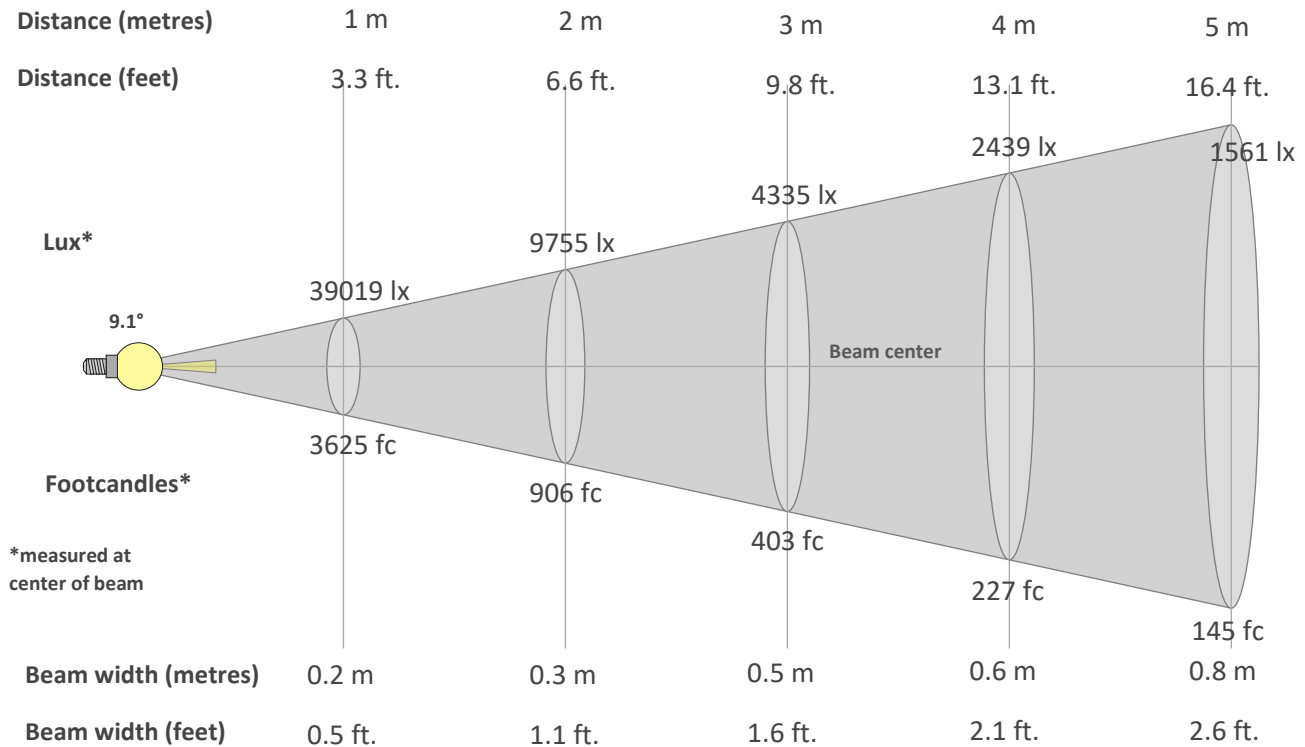
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.700
 y: 0.300
 u: 0.539
 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
39019lx	9755lx	4335lx	2439lx	1561lx	1084lx	796lx	610lx	482lx	390lx	322lx	271lx	231lx	199lx	173lx	152lx	135lx	120lx	108lx	98lx
3624.9fc	906.2fc	402.8fc	226.6fc	145fc	100.7fc	74fc	56.6fc	44.8fc	36.2fc	30fc	25.2fc	21.4fc	18.5fc	16.1fc	14.2fc	12.5fc	11.2fc	10fc	9.1fc

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°
39.0K	37.7K	34.0K	28.6K	22.5K	16.8K	11.8K	7.9K	5.2K	3.4K	2.2K	1.5K	1.0K	0.7K	0.5K	0.4K	0.3K	0.2K	0.2K	0.2K
100%	97%	87%	73%	58%	43%	30%	20%	13%	9%	6%	4%	3%	2%	1%	1%	1%	1%	1%	0%

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°
39.0K	37.7K	34.0K	28.6K	23.0K	17.2K	12.4K	8.5K	5.7K	3.9K	2.6K	1.8K	1.3K	0.9K	0.7K	0.5K	0.4K	0.3K	0.3K	0.2K
100%	97%	87%	74%	59%	44%	32%	22%	15%	10%	7%	5%	3%	2%	2%	1%	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°
39.0K	37.7K	34.0K	28.6K	22.5K	16.8K	11.8K	7.9K	5.2K	3.4K	2.2K	1.5K	1.0K	0.7K	0.5K	0.4K	0.3K	0.2K	0.2K	0.2K
100%	97%	87%	73%	58%	43%	30%	20%	13%	9%	6%	4%	3%	2%	1%	1%	1%	1%	1%	0%

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°
39.0K	37.7K	34.0K	28.8K	23.0K	17.2K	12.4K	8.5K	5.7K	3.9K	2.6K	1.8K	1.3K	0.9K	0.7K	0.5K	0.4K	0.3K	0.3K	0.2K
100%	97%	87%	74%	59%	44%	32%	22%	15%	10%	7%	5%	3%	2%	2%	1%	1%	1%	1%	1%