

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

PRODUCT PHOTOMETRIC REPORT



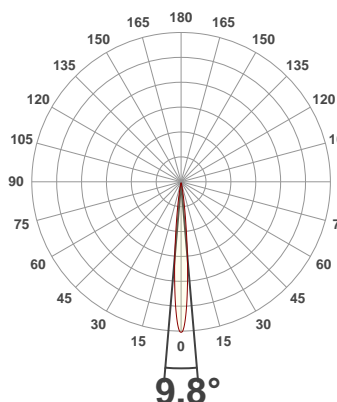
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191011-853

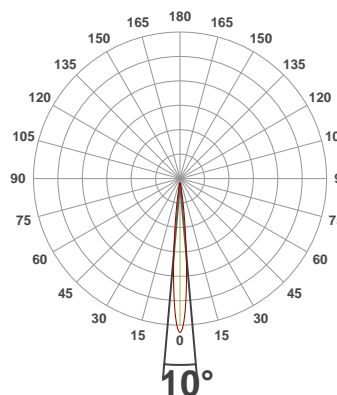
DATE OF MEASUREMENT: 2019-10-11

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



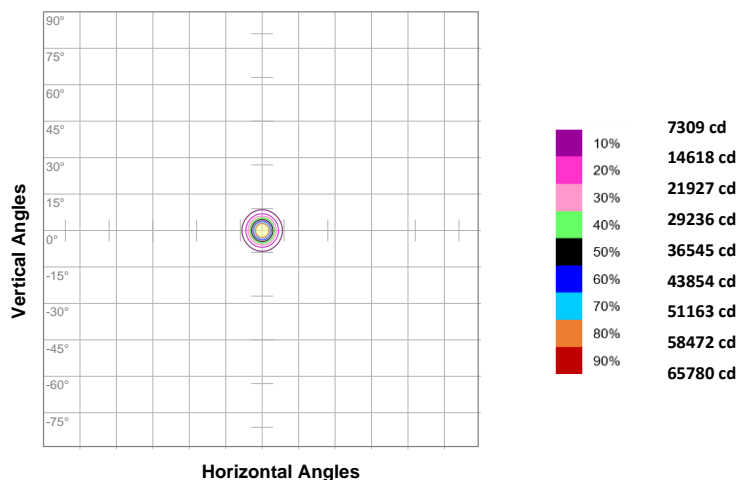
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 2948 lm
 EFFICACY: 54 lm/W
 PEAK INTENSITY: 73157 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

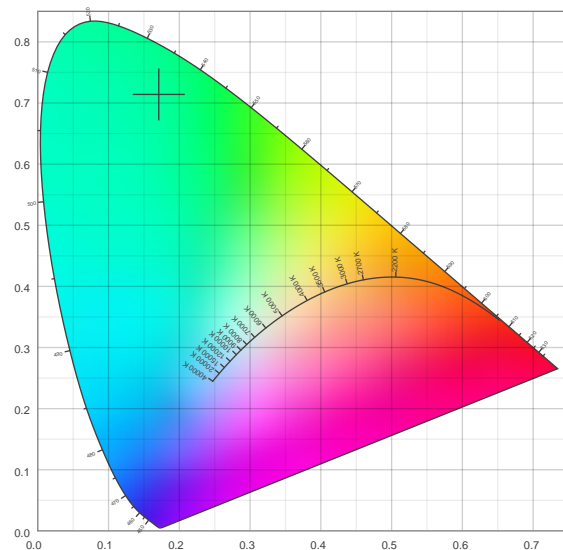
BEAM ANGLE (FWHM) | C0/180: 9.8°
 BEAM ANGLE (FWHM) | C90/270: 10°
 FIELD ANGLE (10%) | C0/180: 18.7°
 FIELD ANGLE (10%) | C90/270: 19.4°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

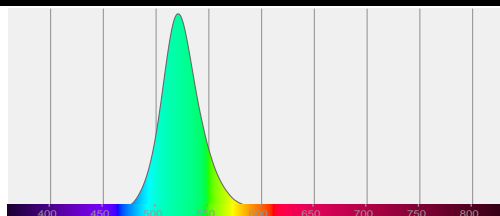


INPUT POWER: 55.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 6.11 mW
 PEAK WAVELENGTH: 521 nm
 DOMINANT WAVELENGTH: 527 nm

CIE 1931



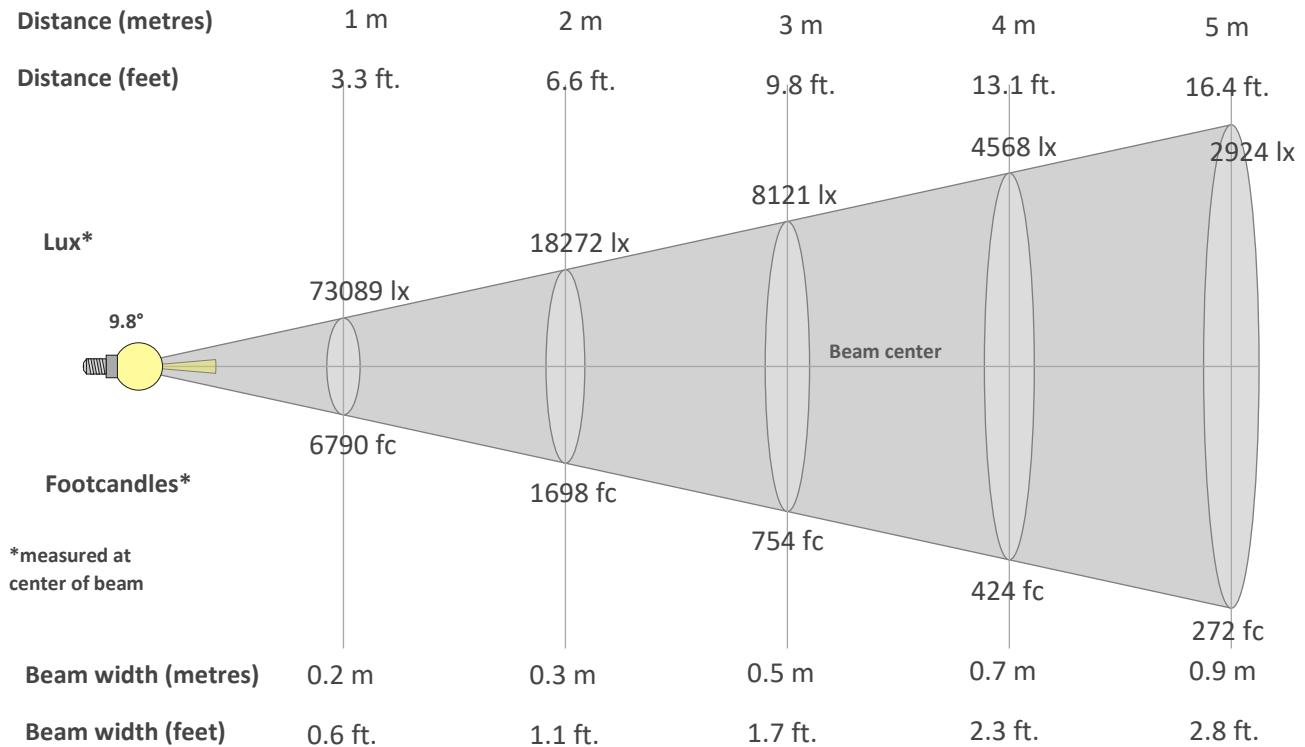
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.171
 y: 0.714
 u: 0.061
 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
73089lx	18272lx	8121lx	4568lx	2924lx	2030lx	1492lx	1142lx	902lx	731lx	604lx	508lx	432lx	373lx	325lx	286lx	253lx	226lx	202lx	183lx
6790.2fc	1697.6fc	754.5fc	424.4fc	271.6fc	188.6fc	138.6fc	106.1fc	83.8fc	67.9fc	56.1fc	47.2fc	40.2fc	34.6fc	30.2fc	26.5fc	23.5fc	21fc	18.8fc	17fc

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°
73.1K	71.0K	64.9K	56.1K	45.8K	35.3K	25.9K	18.2K	12.4K	8.4K	5.6K	3.8K	2.7K	1.9K	1.4K	1.1K	0.8K	0.7K	0.6K	0.5K
100%	97%	89%	77%	63%	48%	35%	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°
73.1K	71.0K	65.3K	56.7K	46.6K	36.4K	27.1K	19.5K	13.6K	9.5K	6.5K	4.6K	3.2K	2.4K	1.8K	1.3K	1.1K	0.9K	0.7K	0.6K
100%	97%	89%	78%	64%	50%	37%	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°
73.1K	71.0K	64.9K	56.1K	45.8K	35.3K	25.9K	18.2K	12.4K	8.4K	5.6K	3.8K	2.7K	1.9K	1.4K	1.1K	0.8K	0.7K	0.6K	0.5K
100%	97%	89%	77%	63%	48%	35%	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°
73.1K	71.0K	65.3K	56.7K	46.6K	36.4K	27.1K	19.5K	13.6K	9.5K	6.5K	4.6K	3.2K	2.4K	1.8K	1.3K	1.1K	0.9K	0.7K	0.6K
100%	97%	89%	78%	64%	50%	37%	27%	19%	13%	9%	6%	4%	3%	2%	2%	1%	1%	1%	1%