

FL200-RGBW40K-OM-7-ELV (GR)

PRODUCT PHOTOMETRIC REPORT



PRODUCT INFORMATION

SERIAL NUMBER: LL-20190927-764

DATE OF MEASUREMENT: 2019-09-27

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

ANGULAR DISTRIBUTION AT C0/180

ANGULAR DISTRIBUTION AT C90/270

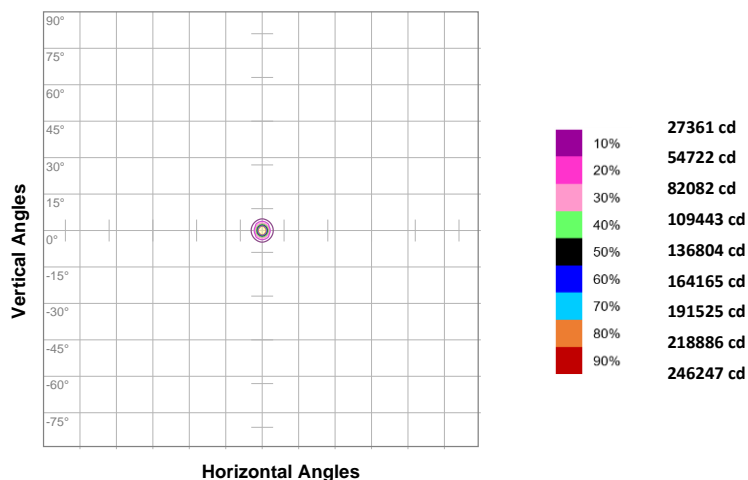
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 3230 lm
 EFFICACY: 58 lm/W
 PEAK INTENSITY: 273890 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

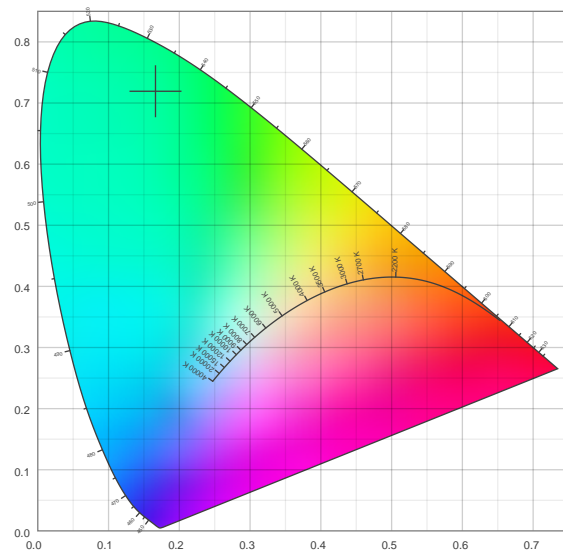
BEAM ANGLE (FWHM) | C0/180: 4.9°
 BEAM ANGLE (FWHM) | C90/270: 5.3°
 FIELD ANGLE (10%) | C0/180: 10.1°
 FIELD ANGLE (10%) | C90/270: 11.1°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

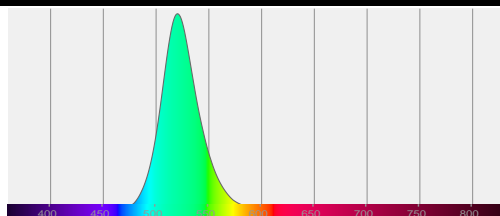


INPUT POWER: 55.5 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 6.71 mW
 PEAK WAVELENGTH: 521 nm
 DOMINANT WAVELENGTH: 527 nm

CIE 1931



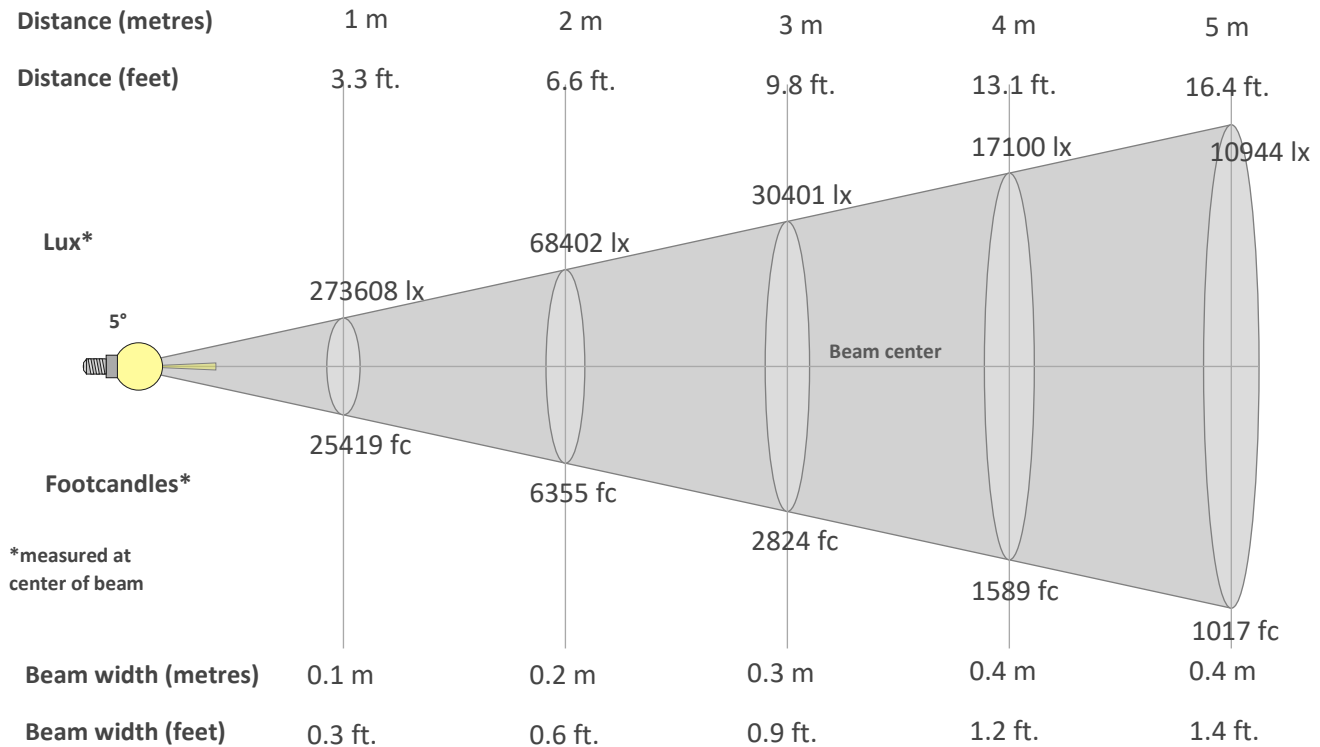
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.166
 y: 0.719
 u: 0.059
 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
273608lx	68402lx	30401lx	17100lx	10944lx	7600lx	5584lx	4275lx	3378lx	2736lx	2261lx	1900lx	1619lx	1396lx	1216lx	1069lx	947lx	844lx	758lx	684lx
25419fc	6354.7fc	2824.3fc	1588.7fc	1016.8fc	706.1fc	518.8fc	397.2fc	313.8fc	254.2fc	210.1fc	176.5fc	150.4fc	129.7fc	113fc	99.3fc	88fc	78.5fc	70.4fc	63.5fc

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°
274K	243K	172K	101K	54K	28K	15K	9K	5K	3K	2K	2K	1K	1K	0K	0K	0K	0K	0K	0K
100%	89%	63%	37%	20%	10%	6%	3%	2%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	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°
274K	245K	180K	114K	65K	37K	21K	13K	8K	5K	4K	3K	2K	1K	1K	0K	0K	0K	0K	0K
100%	90%	66%	42%	24%	13%	8%	5%	3%	2%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%

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°
274K	243K	172K	101K	54K	28K	15K	9K	5K	3K	2K	2K	1K	1K	0K	0K	0K	0K	0K	0K
100%	89%	63%	37%	20%	10%	6%	3%	2%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	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°
274K	245K	180K	114K	65K	37K	21K	13K	8K	5K	4K	3K	2K	1K	1K	0K	0K	0K	0K	0K
100%	90%	66%	42%	24%	13%	8%	5%	3%	2%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%