

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

PRODUCT PHOTOMETRIC REPORT



PRODUCT INFORMATION

SERIAL NUMBER: LL-20190927-763

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

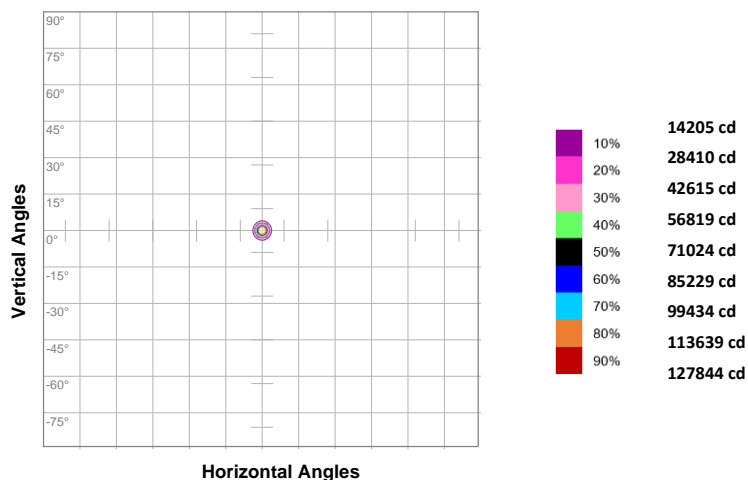
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1340 lm
 EFFICACY: 42 lm/W
 PEAK INTENSITY: 142108 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

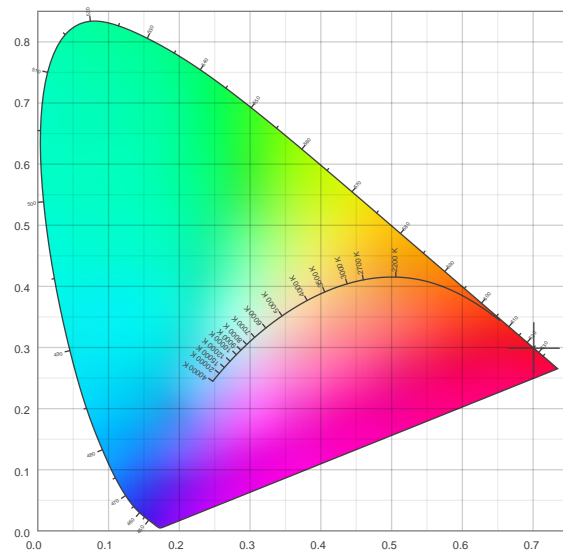
BEAM ANGLE (FWHM) | C0/180: 4.7°
 BEAM ANGLE (FWHM) | C90/270: 4.7°
 FIELD ANGLE (10%) | C0/180: 9°
 FIELD ANGLE (10%) | C90/270: 9.8°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

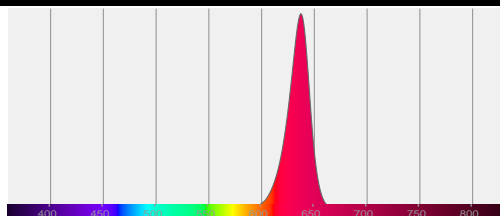


INPUT POWER: 32.3 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 8.04 mW
 PEAK WAVELENGTH: 638 nm
 DOMINANT WAVELENGTH: 625 nm

CIE 1931



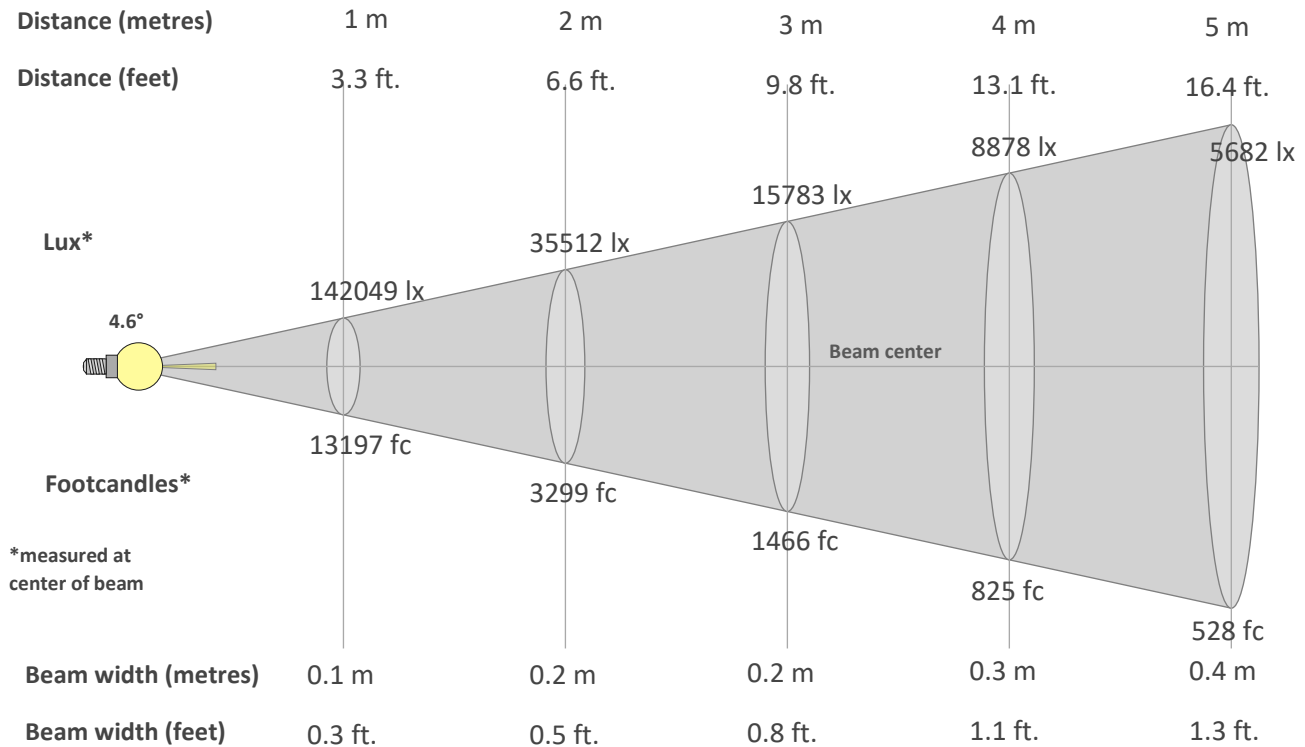
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.701
 y: 0.299
 u: 0.541
 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
142049lx	35512lx	15783lx	8878lx	5682lx	3946lx	2899lx	2220lx	1754lx	1420lx	1174lx	986lx	841lx	725lx	631lx	555lx	492lx	438lx	393lx	355lx
13196.8fc	3299.2fc	1466.3fc	824.8fc	527.9fc	366.6fc	269.3fc	206.2fc	162.9fc	132fc	109.1fc	91.6fc	78.1fc	67.3fc	58.7fc	51.5fc	45.7fc	40.7fc	36.6fc	33fc

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°
142K	125K	86K	46K	21K	10K	5K	3K	2K	1K	1K	1K	0K	0K	0K	0K	0K	0K	0K	0K
100%	88%	61%	32%	15%	7%	4%	2%	1%	1%	1%	0%	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°
142K	125K	86K	46K	24K	13K	8K	5K	3K	2K	1K	1K	0K	0K	0K	0K	0K	0K	0K	0K
100%	88%	60%	32%	17%	9%	5%	3%	2%	1%	1%	1%	0%	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°
142K	125K	86K	46K	21K	10K	5K	3K	2K	1K	1K	1K	0K	0K	0K	0K	0K	0K	0K	0K
100%	88%	61%	32%	15%	7%	4%	2%	1%	1%	1%	0%	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°
142K	125K	86K	46K	24K	13K	8K	5K	3K	2K	1K	1K	0K	0K	0K	0K	0K	0K	0K	0K
100%	88%	60%	32%	17%	9%	5%	3%	2%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%