

FL200-RGBW40K-OM-7-ELV (ALL ON)

PRODUCT PHOTOMETRIC REPORT



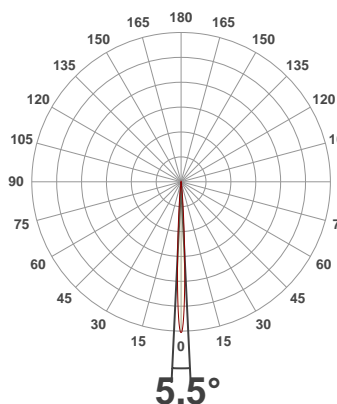
PRODUCT INFORMATION

SERIAL NUMBER: LL-20190927-762

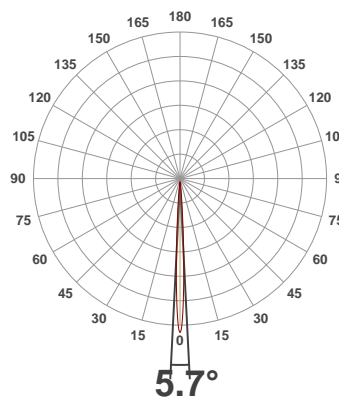
DATE OF MEASUREMENT: 2019-09-27

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



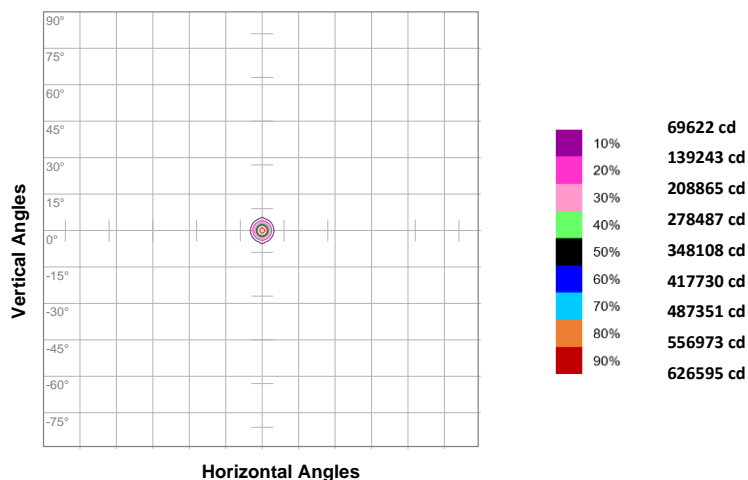
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 9498 lm
 EFFICACY: 48 lm/W
 PEAK INTENSITY: 696767 cd
 COLOR RENDERING INDEX (CRI): 55.5
 COLOR TEMPERATURE (CCT): 11987K
 FIDELITY INDEX (TM30Rf): 68.2
 GAMUT INDEX (TM30Rg): 105.9

BEAM OUTPUT DATA

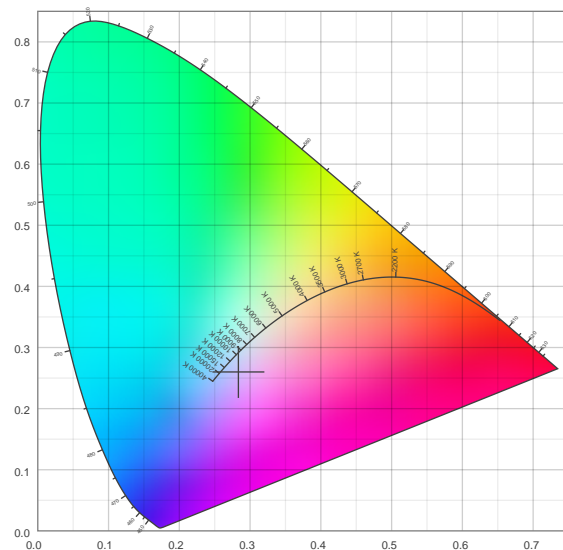
BEAM ANGLE (FWHM) | C0/180: 5.5°
 BEAM ANGLE (FWHM) | C90/270: 5.7°
 FIELD ANGLE (10%) | C0/180: 11.2°
 FIELD ANGLE (10%) | C90/270: 12.1°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

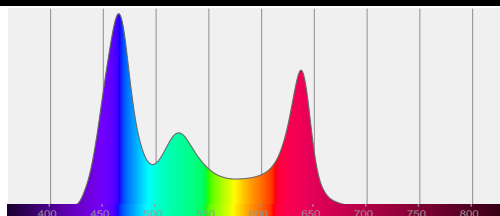


INPUT POWER: 198.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 41.3 mW
 PEAK WAVELENGTH: 465 nm
 DOMINANT WAVELENGTH: 360 nm

CIE 1931

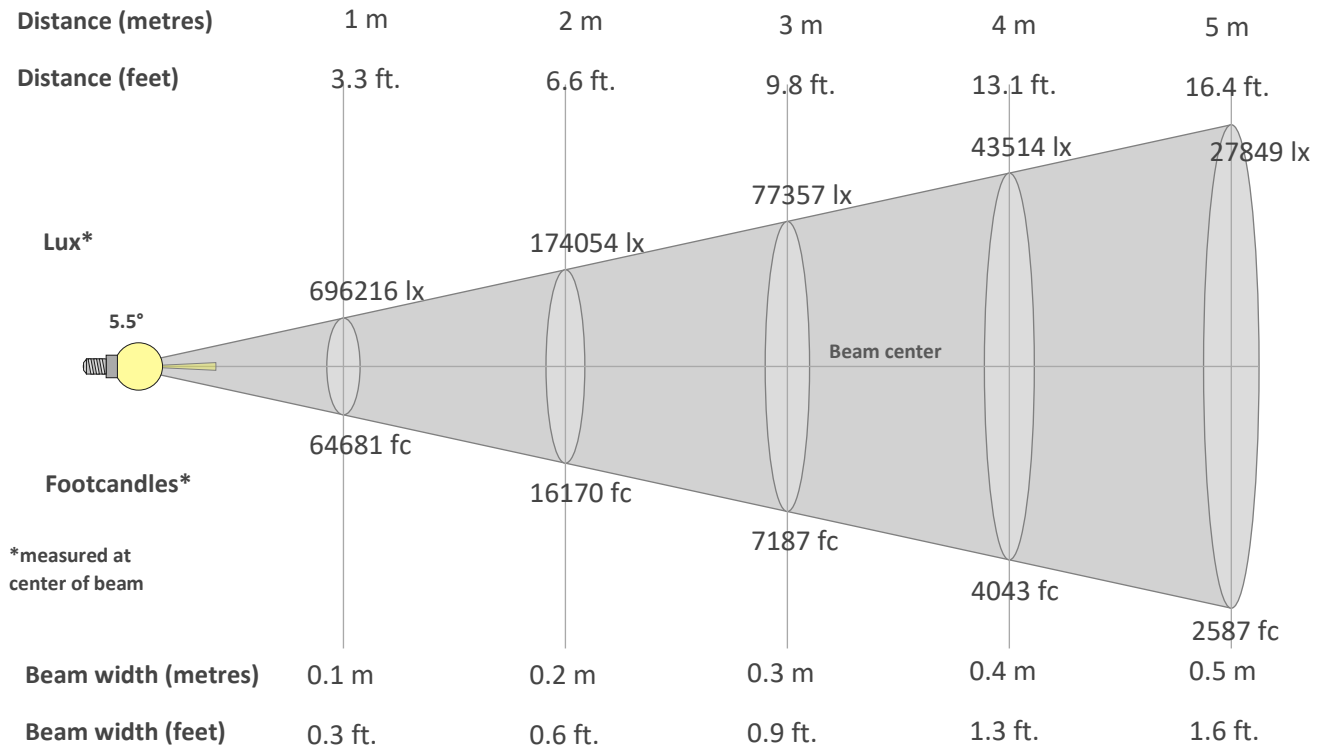


SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.283
 y: 0.260
 u: 0.204
 v: 0.281
 Δuv: -0.0208

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
696216lx	174054lx	77357lx	43514lx	27849lx	19339lx	14208lx	10878lx	8595lx	6962lx	5754lx	4835lx	4120lx	3552lx	3094lx	2720lx	2409lx	2149lx	1929lx	1741lx
64680.6fc	16170.2fc	7186.7fc	4042.5fc	2587.2fc	1796.7fc	1320fc	1010.6fc	798.5fc	646.8fc	534.6fc	449.2fc	382.7fc	330fc	287.5fc	252.7fc	223.8fc	199.6fc	179.2fc	161.7fc

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°
696K	634K	478K	305K	175K	98K	56K	33K	20K	12K	8K	5K	3K	2K	1K	0K	0K	0K	0K	0K
100%	91%	69%	44%	25%	14%	8%	5%	3%	2%	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°
696K	637K	489K	325K	197K	117K	71K	43K	26K	17K	11K	7K	4K	2K	1K	1K	0K	0K	0K	0K
100%	91%	70%	47%	28%	17%	10%	6%	4%	2%	2%	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°
696K	634K	478K	305K	175K	98K	56K	33K	20K	12K	8K	5K	3K	2K	1K	0K	0K	0K	0K	0K
100%	91%	69%	44%	25%	14%	8%	5%	3%	2%	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°
696K	637K	489K	325K	197K	117K	71K	43K	26K	17K	11K	7K	4K	2K	1K	1K	0K	0K	0K	0K
100%	91%	70%	47%	28%	17%	10%	6%	4%	2%	2%	1%	1%	0%	0%	0%	0%	0%	0%	0%