

FL200-RGBW40K-OM-90-ELV (BL)

PRODUCT PHOTOMETRIC REPORT



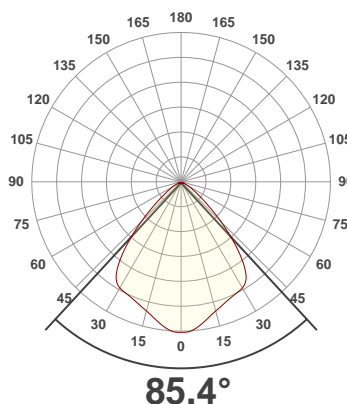
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-877

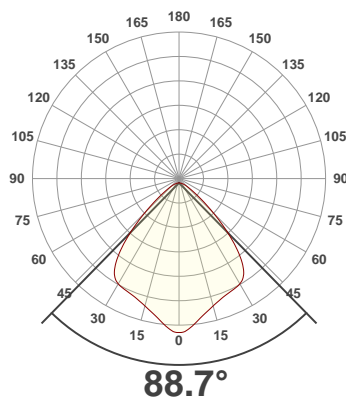
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



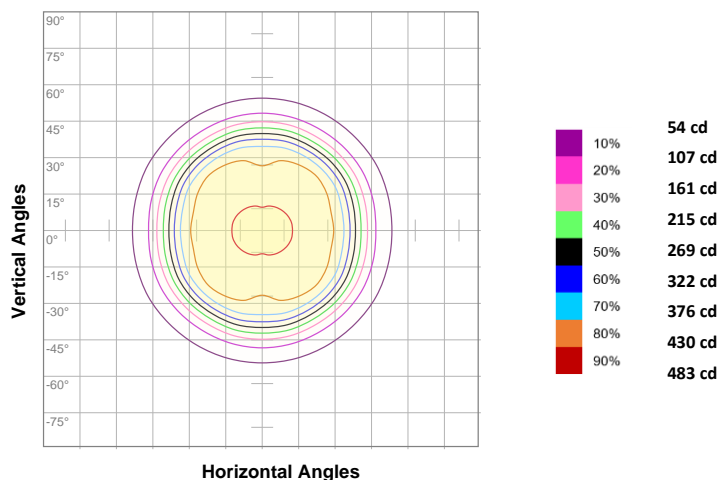
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 976 lm
 EFFICACY: 18 lm/W
 PEAK INTENSITY: 539 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

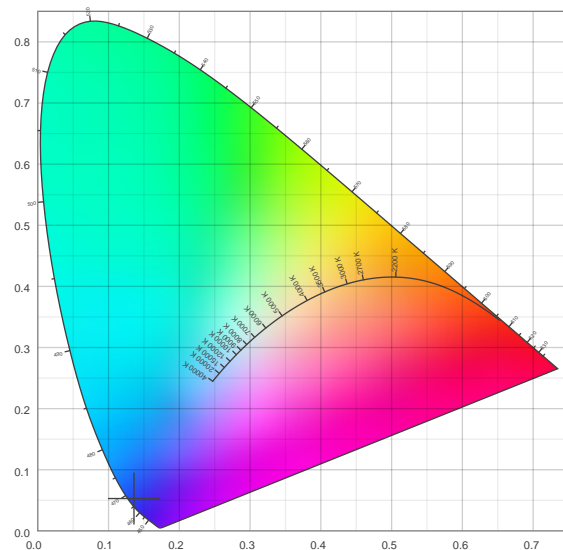
BEAM ANGLE (FWHM) | C0/180: 85.4°
 BEAM ANGLE (FWHM) | C90/270: 88.7°
 FIELD ANGLE (10%) | C0/180: 118.7°
 FIELD ANGLE (10%) | C90/270: 121.2°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

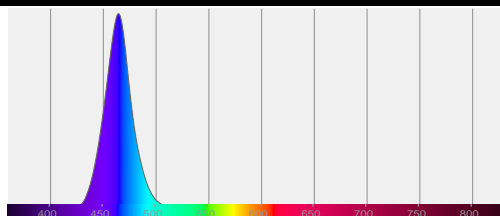


INPUT POWER: 54.4 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 15.5 mW
 PEAK WAVELENGTH: 465 nm
 DOMINANT WAVELENGTH: 467 nm

CIE 1931



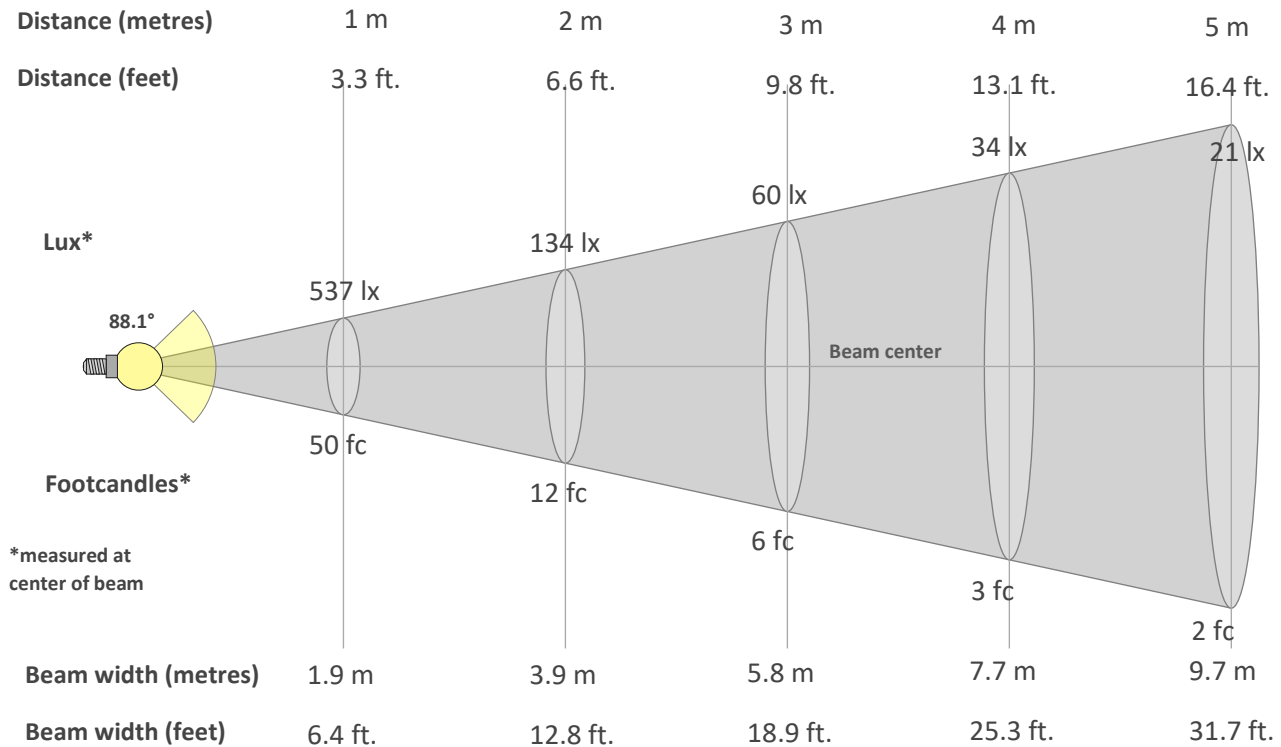
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.136
 y: 0.053
 u: 0.162
 v: 0.094
 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
537lx	134lx	60lx	34lx	21lx	15lx	11lx	8lx	7lx	5lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx
49.9fc	12.5fc	5.5fc	3.1fc	2fc	1.4fc	1fc	0.8fc	0.6fc	0.5fc	0.4fc	0.3fc	0.3fc	0.3fc	0.2fc	0.2fc	0.2fc	0.2fc	0.1fc	0.1fc

Intensity in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
537	529	504	478	460	447	439	409	326	219	132	79	51	34	23	15	8	2	0	0
100%	99%	94%	89%	86%	83%	82%	76%	61%	41%	25%	15%	9%	6%	4%	3%	1%	0%	0%	0%

Intensity in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
537	519	487	463	446	435	429	411	352	255	159	93	56	37	24	15	8	3	0	0
100%	97%	91%	86%	83%	81%	80%	77%	66%	47%	30%	17%	11%	7%	5%	3%	1%	0%	0%	0%

Intensity in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
537	529	504	478	460	447	439	409	326	219	132	79	51	34	23	15	8	2	0	0
100%	99%	94%	89%	86%	83%	82%	76%	61%	41%	25%	15%	9%	6%	4%	3%	1%	0%	0%	0%

Intensity in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
537	519	487	463	446	435	429	411	352	255	159	93	56	37	24	15	8	3	0	0
100%	97%	91%	86%	83%	81%	80%	77%	66%	47%	30%	17%	11%	7%	5%	3%	1%	0%	0%	0%