

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

PRODUCT PHOTOMETRIC REPORT



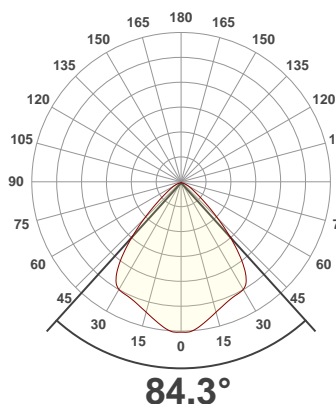
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-875

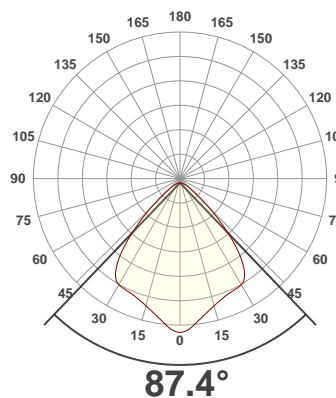
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



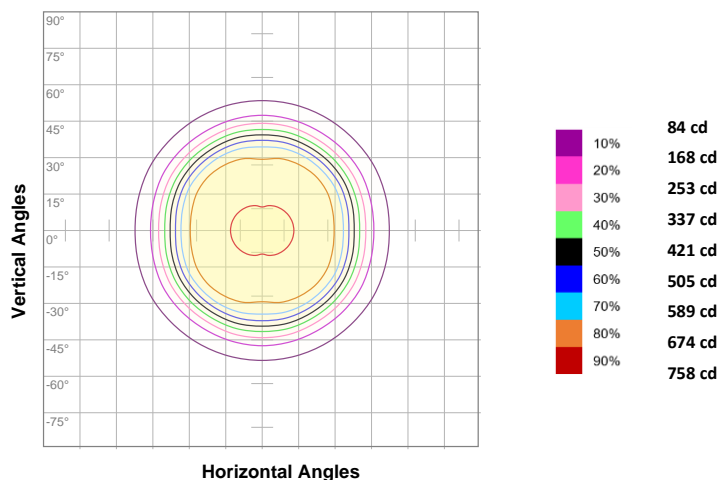
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 1497 lm
 EFFICACY: 47 lm/W
 PEAK INTENSITY: 843 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

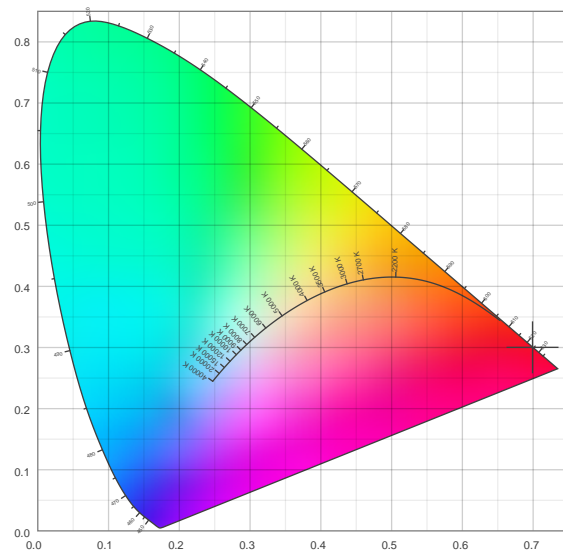
BEAM ANGLE (FWHM) | C0/180: 84.3°
 BEAM ANGLE (FWHM) | C90/270: 87.4°
 FIELD ANGLE (10%) | C0/180: 116.4°
 FIELD ANGLE (10%) | C90/270: 118.9°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

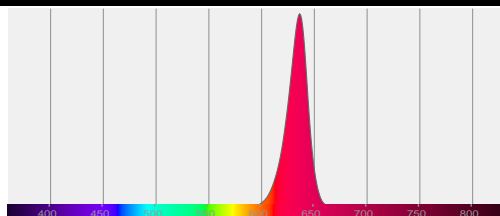


INPUT POWER: 32.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 8.59 mW
 PEAK WAVELENGTH: 636 nm
 DOMINANT WAVELENGTH: 624 nm

CIE 1931



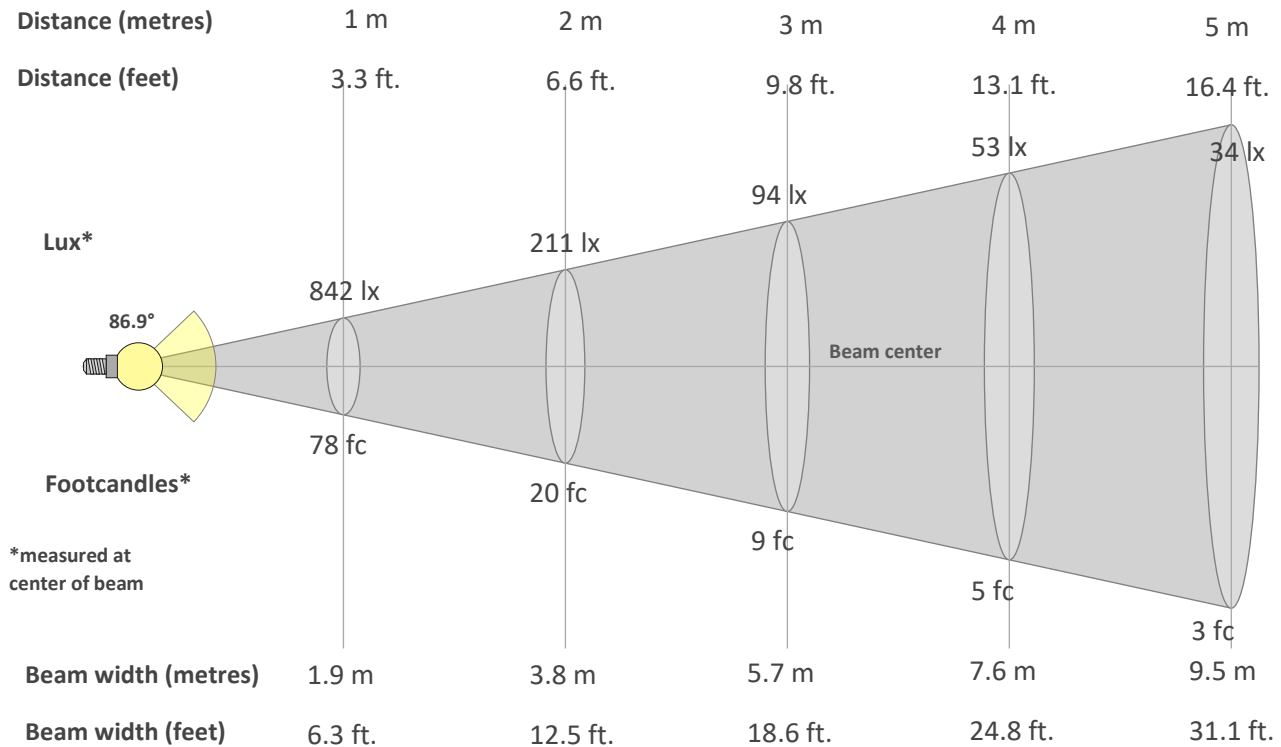
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.699
 y: 0.300
 u: 0.537
 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
842lx	211lx	94lx	53lx	34lx	23lx	17lx	13lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx
78.2fc	19.6fc	8.7fc	4.9fc	3.1fc	2.2fc	1.6fc	1.2fc	1fc	0.8fc	0.6fc	0.5fc	0.5fc	0.4fc	0.3fc	0.3fc	0.3fc	0.2fc	0.2fc	0.2fc

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°
842	829	792	754	724	705	695	637	493	323	190	113	73	50	34	22	11	3	0	0
100%	98%	94%	90%	86%	84%	82%	76%	59%	38%	23%	13%	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°
842	813	765	726	700	684	678	647	541	377	227	131	80	53	36	22	12	4	0	0
100%	97%	91%	86%	83%	81%	80%	77%	64%	45%	27%	16%	10%	6%	4%	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°
842	829	792	754	724	705	695	637	493	323	190	113	73	50	34	22	11	3	0	0
100%	98%	94%	90%	86%	84%	82%	76%	59%	38%	23%	13%	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°
842	813	765	726	700	684	678	647	541	377	227	131	80	53	36	22	12	4	0	0
100%	97%	91%	86%	83%	81%	80%	77%	64%	45%	27%	16%	10%	6%	4%	3%	1%	0%	0%	0%