

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

PRODUCT PHOTOMETRIC REPORT



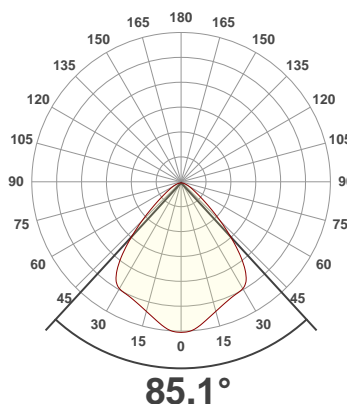
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-876

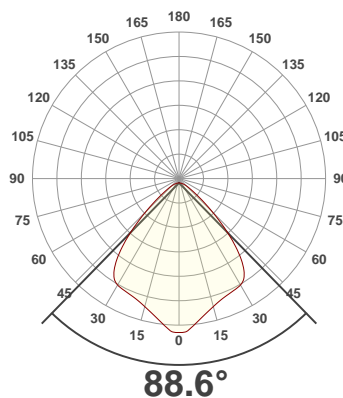
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



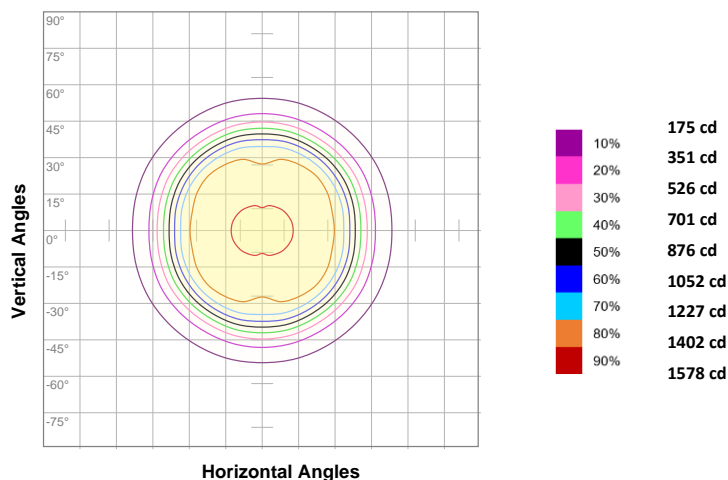
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 3186 lm
 EFFICACY: 58 lm/W
 PEAK INTENSITY: 1760 cd
 COLOR RENDERING INDEX (CRI): 0.0
 COLOR TEMPERATURE (CCT): 0K
 FIDELITY INDEX (TM30Rf): 0.0
 GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

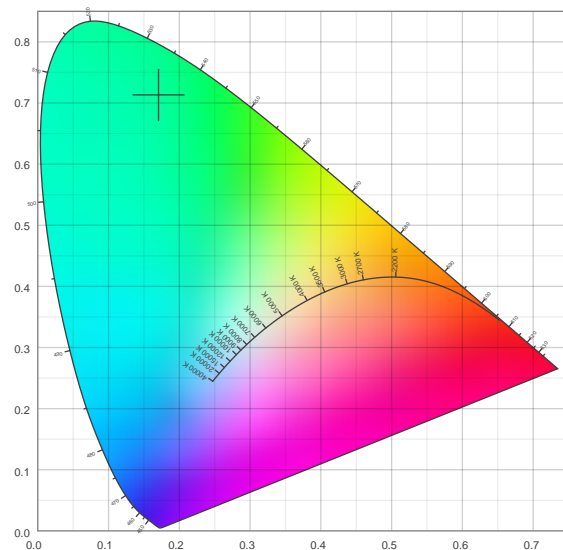
BEAM ANGLE (FWHM) | C0/180: 85.1°
 BEAM ANGLE (FWHM) | C90/270: 88.6°
 FIELD ANGLE (10%) | C0/180: 118.9°
 FIELD ANGLE (10%) | C90/270: 121.3°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

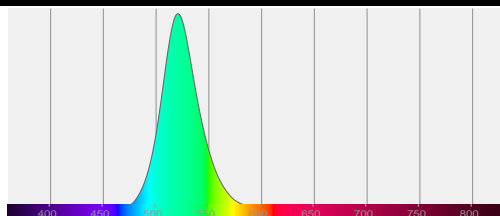


INPUT POWER: 55.1 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 6.62 mW
 PEAK WAVELENGTH: 521 nm
 DOMINANT WAVELENGTH: 527 nm

CIE 1931



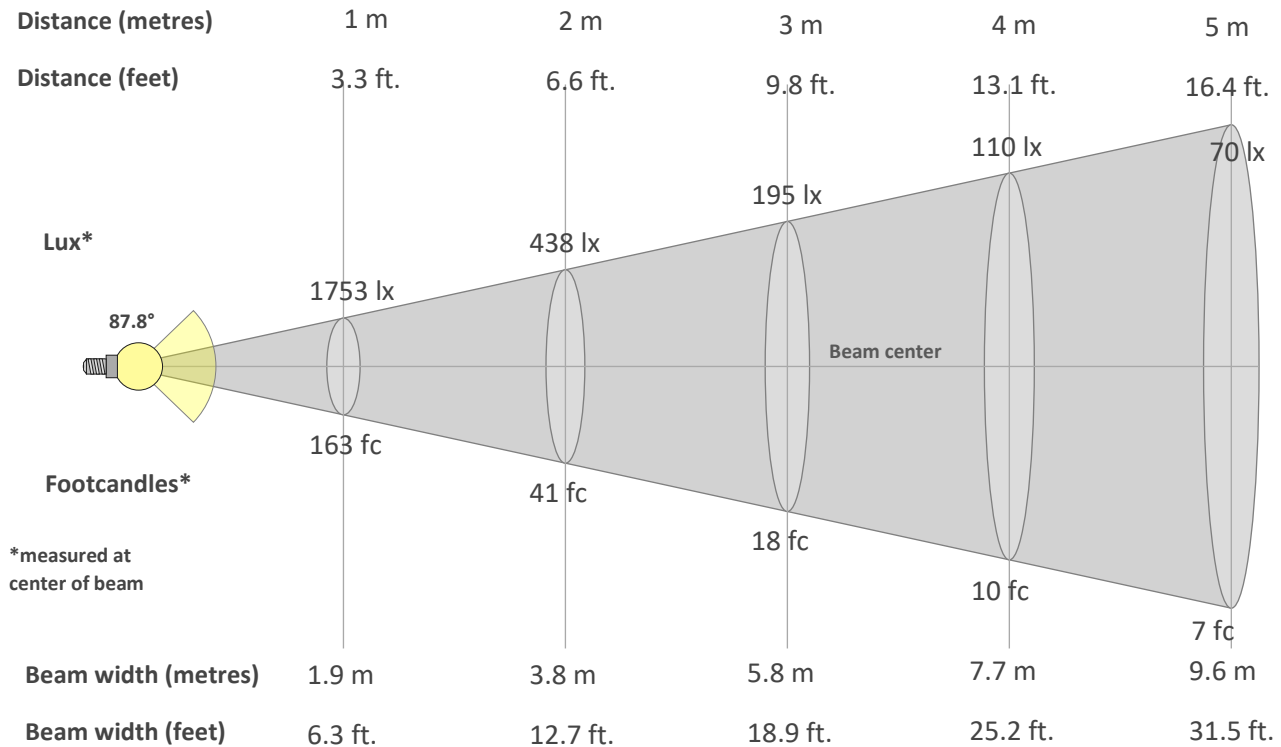
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM

x: 0.171
 y: 0.713
 u: 0.061
 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
1753lx	438lx	195lx	110lx	70lx	49lx	36lx	27lx	22lx	18lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx
162.8fc	40.7fc	18.1fc	10.2fc	6.5fc	4.5fc	3.3fc	2.5fc	2fc	1.6fc	1.3fc	1.1fc	1fc	0.8fc	0.7fc	0.6fc	0.6fc	0.5fc	0.5fc	0.4fc

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°
1753	1726	1646	1566	1505	1465	1440	1333	1056	710	429	259	168	116	80	51	27	9	1	1
100%	98%	94%	89%	86%	84%	82%	76%	60%	41%	24%	15%	10%	7%	5%	3%	2%	1%	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°
1753	1690	1587	1508	1452	1422	1404	1348	1146	820	506	297	183	122	83	53	28	9	1	1
100%	96%	91%	86%	83%	81%	80%	77%	65%	47%	29%	17%	10%	7%	5%	3%	2%	1%	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°
1753	1726	1646	1566	1505	1465	1440	1333	1056	710	429	259	168	116	80	51	27	9	1	1
100%	98%	94%	89%	86%	84%	82%	76%	60%	41%	24%	15%	10%	7%	5%	3%	2%	1%	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°
1753	1690	1587	1508	1452	1422	1404	1348	1146	820	506	297	183	122	83	53	28	9	1	1
100%	96%	91%	86%	83%	81%	80%	77%	65%	47%	29%	17%	10%	7%	5%	3%	2%	1%	0%	0%