

# FL200-RGBW40K-OM-10x40-ELV (BL)

## PRODUCT PHOTOMETRIC REPORT



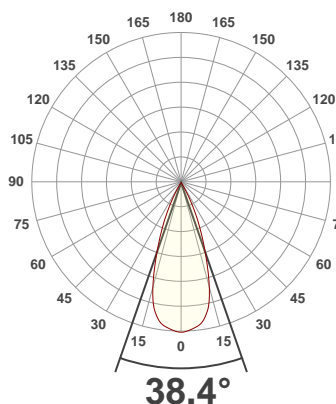
### PRODUCT INFORMATION

SERIAL NUMBER: LL-20191017-898

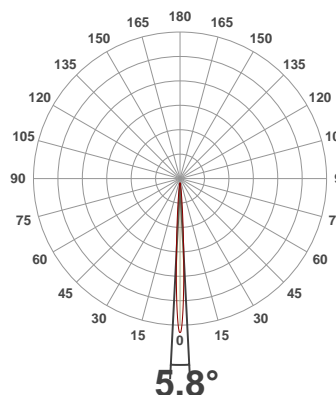
DATE OF MEASUREMENT: 2019-10-17

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

### ANGULAR DISTRIBUTION AT C0/180



### ANGULAR DISTRIBUTION AT C90/270



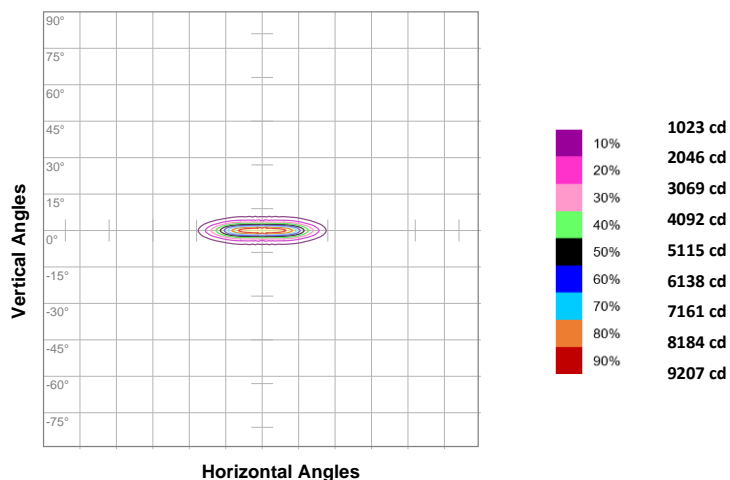
### LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 926 lm  
 EFFICACY: 17 lm/W  
 PEAK INTENSITY: 10237 cd  
 COLOR RENDERING INDEX (CRI): 0.0  
 COLOR TEMPERATURE (CCT): 0K  
 FIDELITY INDEX (TM30Rf): 0.0  
 GAMUT INDEX (TM30Rg): 0.0

### BEAM OUTPUT DATA

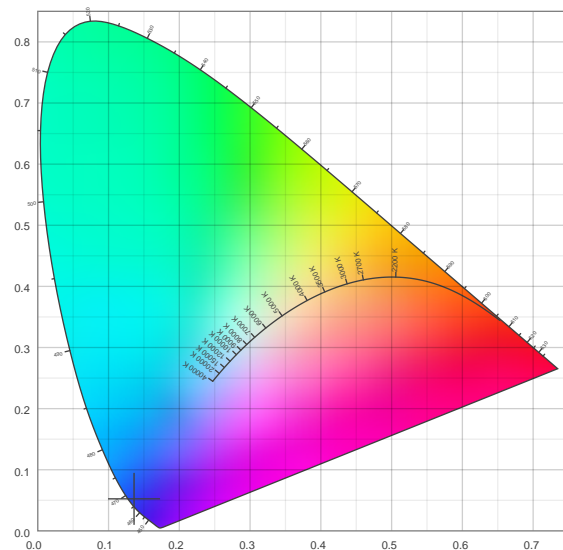
BEAM ANGLE (FWHM) | C0/180: 38.4°  
 BEAM ANGLE (FWHM) | C90/270: 5.8°  
 FIELD ANGLE (10%) | C0/180: 58.5°  
 FIELD ANGLE (10%) | C90/270: 13.1°  
 NUMBER OF PLANES MEASURED: 36

### ISOCANDELA DIAGRAM

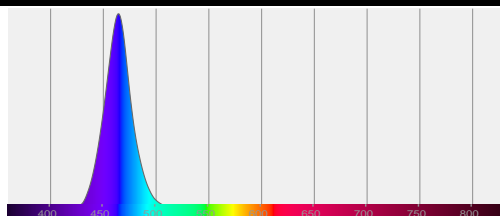


INPUT POWER: 54.4 W  
 POWER FACTOR: 1.0  
 OPTICAL POWER: 14.8 mW  
 PEAK WAVELENGTH: 465 nm  
 DOMINANT WAVELENGTH: 467 nm

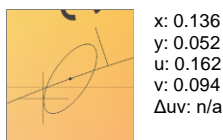
### CIE 1931



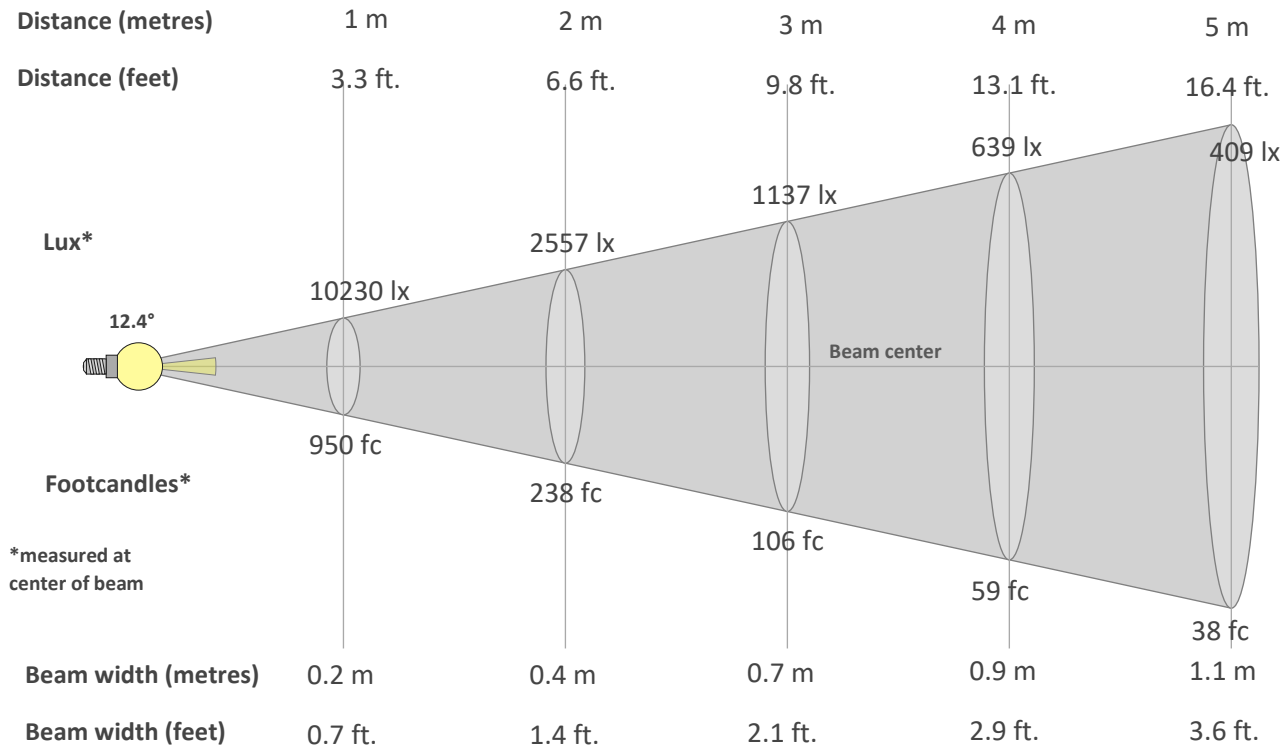
### SPECTRAL DISTRIBUTION



### CIE 1931 ZOOM



**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
10230lx	2557lx	1137lx	639lx	409lx	284lx	209lx	160lx	126lx	102lx	85lx	71lx	61lx	52lx	45lx	40lx	35lx	32lx	28lx	26lx
950.4fc	237.6fc	105.6fc	59.4fc	38fc	26.4fc	19.4fc	14.8fc	11.7fc	9.5fc	7.9fc	6.6fc	5.6fc	4.8fc	4.2fc	3.7fc	3.3fc	2.9fc	2.6fc	2.4fc

**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°
10.2K	10.2K	10.2K	10.1K	10.1K	10.0K	9.9K	9.9K	9.7K	9.6K	9.4K	9.1K	8.9K	8.5K	8.0K	7.5K	7.0K	6.4K	5.8K	5.2K
100%	100%	100%	99%	98%	98%	97%	96%	95%	94%	92%	89%	87%	83%	79%	73%	68%	62%	56%	51%

**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°
10.2K	9.3K	7.2K	4.9K	3.1K	2.0K	1.3K	0.9K	0.6K	0.4K	0.3K	0.2K	0.2K	0.2K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K
100%	91%	70%	48%	30%	19%	12%	8%	6%	4%	3%	2%	2%	2%	1%	1%	1%	1%	1%	1%

**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°
10.2K	10.2K	10.2K	10.1K	10.1K	10.0K	9.9K	9.9K	9.7K	9.6K	9.4K	9.1K	8.9K	8.5K	8.0K	7.5K	7.0K	6.4K	5.8K	5.2K
100%	100%	100%	99%	98%	98%	97%	96%	95%	94%	92%	89%	87%	83%	79%	73%	68%	62%	56%	51%

**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°
10.2K	9.3K	7.2K	4.9K	3.1K	2.0K	1.3K	0.9K	0.6K	0.4K	0.3K	0.2K	0.2K	0.2K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K
100%	91%	70%	48%	30%	19%	12%	8%	6%	4%	3%	2%	2%	2%	1%	1%	1%	1%	1%	1%