

# FL200-RGBW40K-OM-7-ELV (BL)

## PRODUCT PHOTOMETRIC REPORT



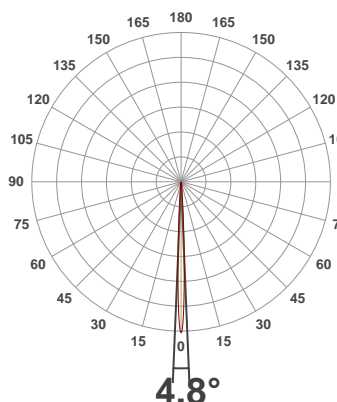
### PRODUCT INFORMATION

SERIAL NUMBER: LL-20190927-765

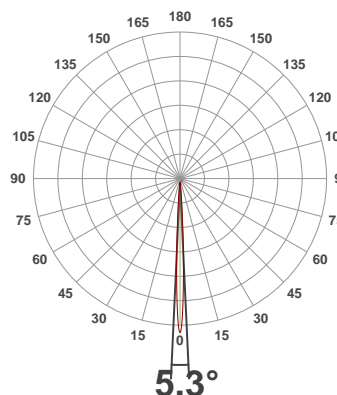
DATE OF MEASUREMENT: 2019-09-27

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

### ANGULAR DISTRIBUTION AT C0/180



### ANGULAR DISTRIBUTION AT C90/270



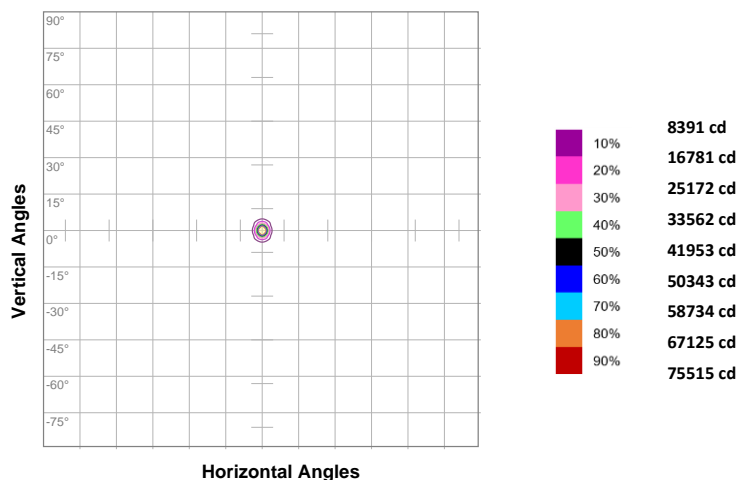
### LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 962 lm  
 EFFICACY: 18 lm/W  
 PEAK INTENSITY: 84025 cd  
 COLOR RENDERING INDEX (CRI): 0.0  
 COLOR TEMPERATURE (CCT): 0K  
 FIDELITY INDEX (TM30Rf): 0.0  
 GAMUT INDEX (TM30Rg): 0.0

### BEAM OUTPUT DATA

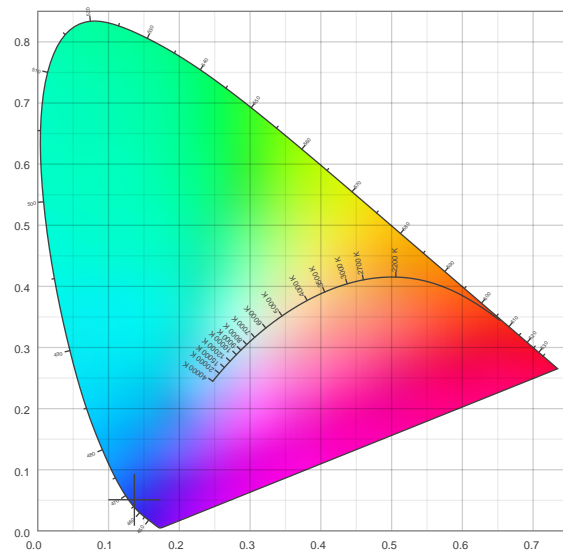
BEAM ANGLE (FWHM) | C0/180: 4.8°  
 BEAM ANGLE (FWHM) | C90/270: 5.3°  
 FIELD ANGLE (10%) | C0/180: 9.8°  
 FIELD ANGLE (10%) | C90/270: 11°  
 NUMBER OF PLANES MEASURED: 12

### ISOCANDELA DIAGRAM

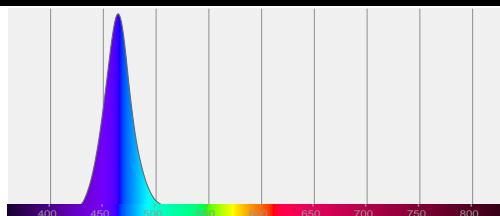


INPUT POWER: 55.0 W  
 POWER FACTOR: 1.0  
 OPTICAL POWER: 15.7 mW  
 PEAK WAVELENGTH: 465 nm  
 DOMINANT WAVELENGTH: 467 nm

### CIE 1931

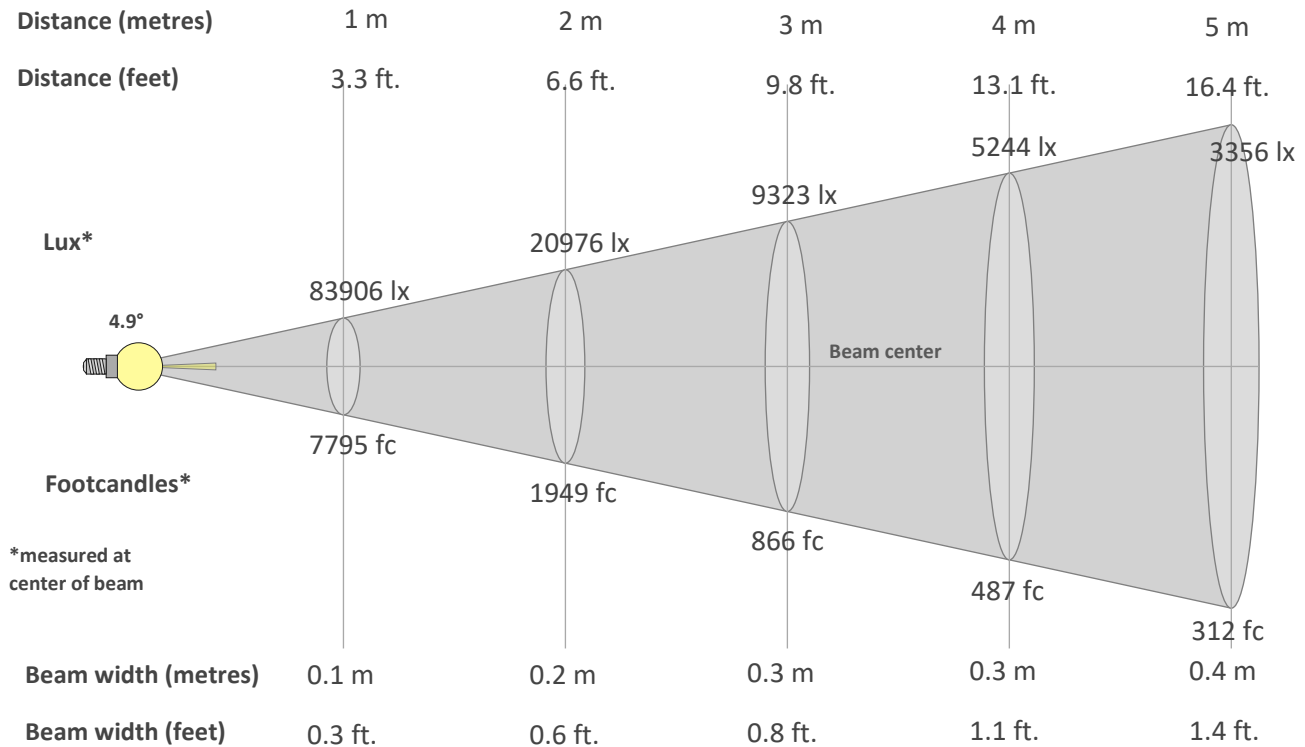


### SPECTRAL DISTRIBUTION



### CIE 1931 ZOOM

x: 0.136  
 y: 0.051  
 u: 0.164  
 v: 0.092  
 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
83906lx	20976lx	9323lx	5244lx	3356lx	2331lx	1712lx	1311lx	1036lx	839lx	693lx	583lx	496lx	428lx	373lx	328lx	290lx	259lx	232lx	210lx
7795.1fc	1948.8fc	866.1fc	487.2fc	311.8fc	216.5fc	159.1fc	121.8fc	96.2fc	78fc	64.4fc	54.1fc	46.1fc	39.8fc	34.6fc	30.4fc	27fc	24.1fc	21.6fc	19.5fc

**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°
83.9K	74.2K	50.9K	29.5K	15.4K	7.9K	4.3K	2.5K	1.5K	1.0K	0.7K	0.5K	0.3K	0.2K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K
100%	88%	61%	35%	18%	9%	5%	3%	2%	1%	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°
83.9K	75.3K	55.5K	34.9K	19.6K	11.1K	6.5K	3.9K	2.4K	1.6K	1.1K	0.8K	0.5K	0.3K	0.2K	0.1K	0.1K	0.1K	0.1K	0.1K
100%	90%	66%	42%	23%	13%	8%	5%	3%	2%	1%	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°
83.9K	74.2K	50.9K	29.5K	15.4K	7.9K	4.3K	2.5K	1.5K	1.0K	0.7K	0.5K	0.3K	0.2K	0.1K	0.1K	0.1K	0.1K	0.1K	0.1K
100%	88%	61%	35%	18%	9%	5%	3%	2%	1%	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°
83.9K	75.3K	55.5K	34.9K	19.6K	11.1K	6.5K	3.9K	2.4K	1.6K	1.1K	0.8K	0.5K	0.3K	0.2K	0.1K	0.1K	0.1K	0.1K	0.1K
100%	90%	66%	42%	23%	13%	8%	5%	3%	2%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%