

# FL200-RGBW40K-OM-55-ELV (ALL ON)

## PRODUCT PHOTOMETRIC REPORT



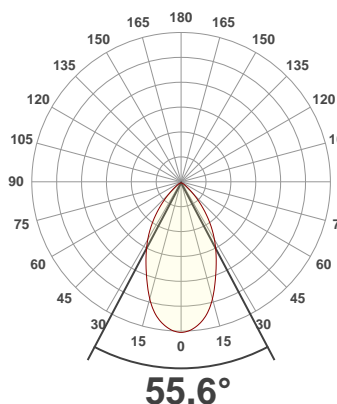
### PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-882

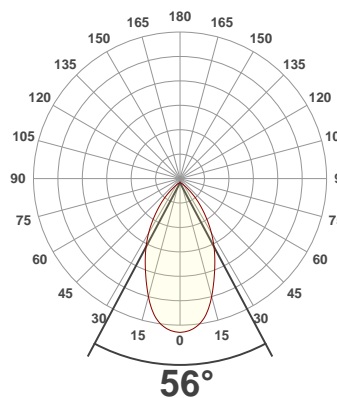
DATE OF MEASUREMENT: 2019-10-15

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

### ANGULAR DISTRIBUTION AT C0/180



### ANGULAR DISTRIBUTION AT C90/270



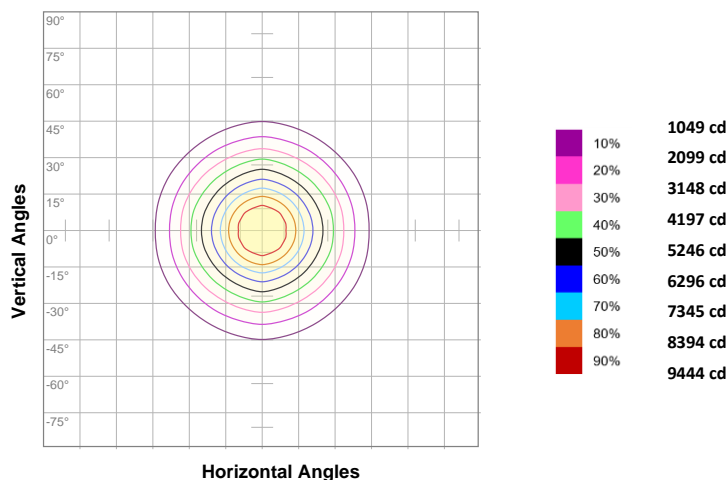
### LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 10289 lm  
EFFICACY: 52 lm/W  
PEAK INTENSITY: 10512 cd  
COLOR RENDERING INDEX (CRI): 52.2  
COLOR TEMPERATURE (CCT): 11588K  
FIDELITY INDEX (TM30Rf): 67.5  
GAMUT INDEX (TM30Rg): 107.5

### BEAM OUTPUT DATA

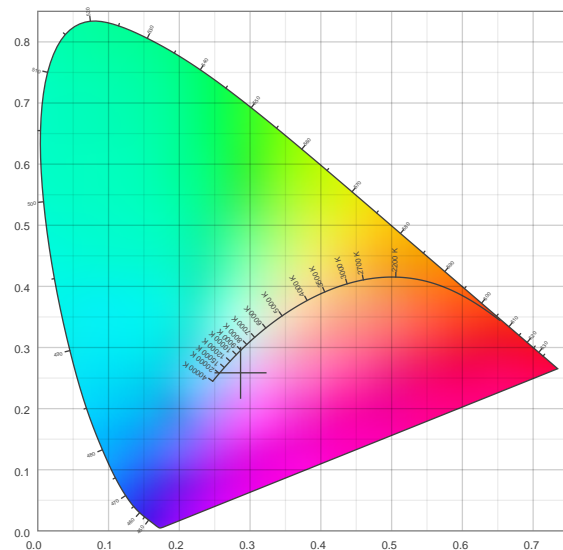
BEAM ANGLE (FWHM) | C0/180: 55.6°  
BEAM ANGLE (FWHM) | C90/270: 56°  
FIELD ANGLE (10%) | C0/180: 98°  
FIELD ANGLE (10%) | C90/270: 99.7°  
NUMBER OF PLANES MEASURED: 12

### ISOCANDELA DIAGRAM

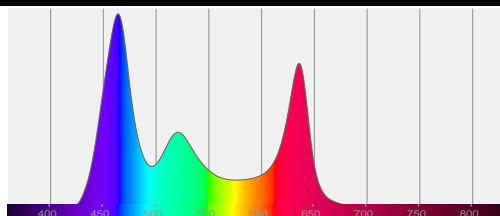


INPUT POWER: 197.5 W  
POWER FACTOR: 1.0  
OPTICAL POWER: 44.7 mW  
PEAK WAVELENGTH: 465 nm  
DOMINANT WAVELENGTH: 360 nm

### CIE 1931

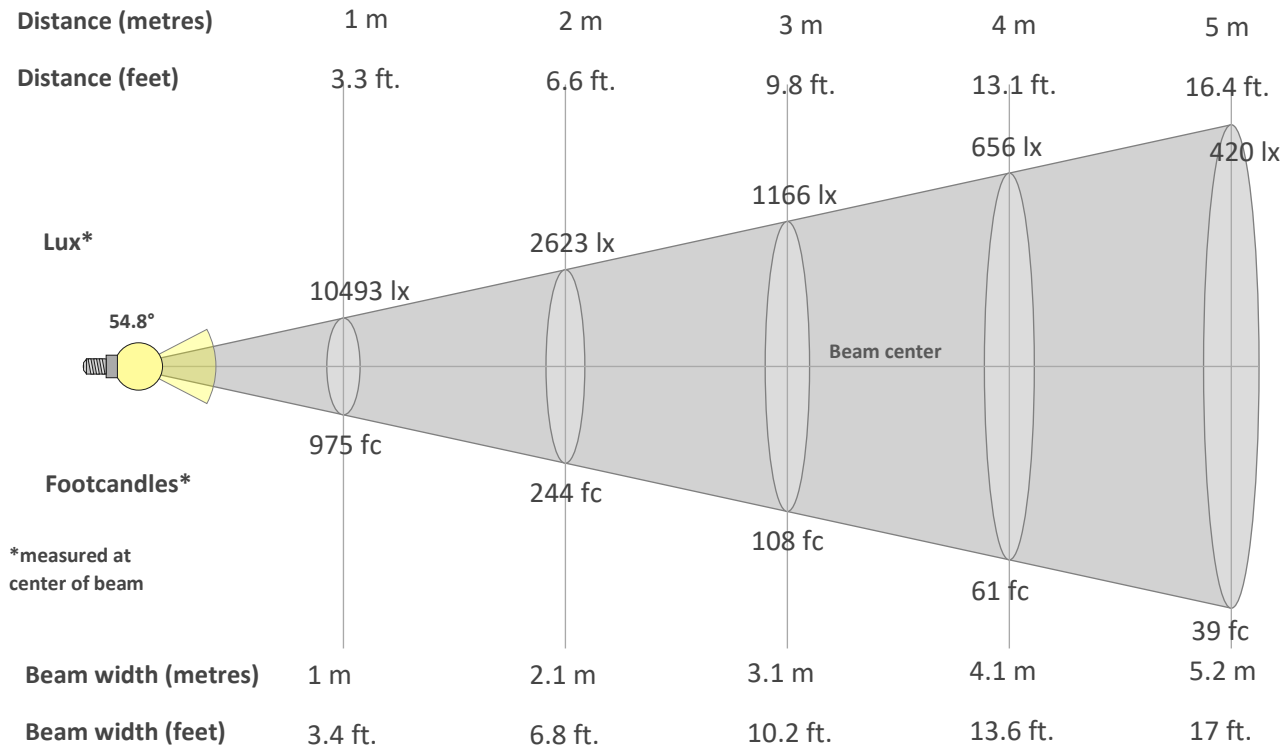


### SPECTRAL DISTRIBUTION



### 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
10493lx	2623lx	1166lx	656lx	420lx	291lx	214lx	164lx	130lx	105lx	87lx	73lx	62lx	54lx	47lx	41lx	36lx	32lx	29lx	26lx
974.8fc	243.7fc	108.3fc	60.9fc	39fc	27.1fc	19.9fc	15.2fc	12fc	9.7fc	8.1fc	6.8fc	5.8fc	5fc	4.3fc	3.8fc	3.4fc	3fc	2.7fc	2.4fc

**Intensity in 0° c-plane**

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
10.5K	10.4K	10.3K	10.1K	9.9K	9.6K	9.2K	8.7K	8.2K	7.7K	7.1K	6.6K	6.1K	5.6K	5.2K	4.8K	4.3K	3.9K	3.4K	3.0K
100%	100%	98%	97%	94%	91%	88%	83%	78%	73%	68%	63%	58%	54%	50%	45%	41%	37%	33%	29%

**Intensity in 90° c-plane**

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
10.5K	10.5K	10.4K	10.2K	10.0K	9.7K	9.3K	8.8K	8.3K	7.7K	7.2K	6.7K	6.2K	5.7K	5.2K	4.8K	4.3K	3.9K	3.5K	3.0K
100%	100%	99%	98%	95%	92%	89%	84%	79%	74%	68%	63%	59%	54%	50%	46%	41%	37%	33%	29%

**Intensity in 180° c-plane**

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
10.5K	10.4K	10.3K	10.1K	9.9K	9.6K	9.2K	8.7K	8.2K	7.7K	7.1K	6.6K	6.1K	5.6K	5.2K	4.8K	4.3K	3.9K	3.4K	3.0K
100%	100%	98%	97%	94%	91%	88%	83%	78%	73%	68%	63%	58%	54%	50%	45%	41%	37%	33%	29%

**Intensity in 270° c-plane**

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
10.5K	10.5K	10.4K	10.2K	10.0K	9.7K	9.3K	8.8K	8.3K	7.7K	7.2K	6.7K	6.2K	5.7K	5.2K	4.8K	4.3K	3.9K	3.5K	3.0K
100%	100%	99%	98%	95%	92%	89%	84%	79%	74%	68%	63%	59%	54%	50%	46%	41%	37%	33%	29%