

# FL200-RGBW40K-OM-10x60-ELV (ALL ON)

## PRODUCT PHOTOMETRIC REPORT



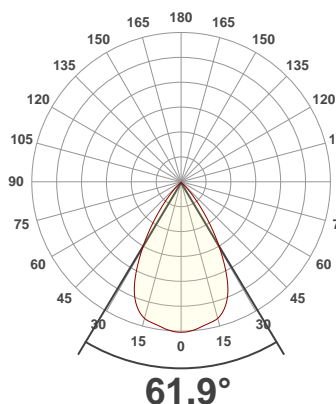
### PRODUCT INFORMATION

SERIAL NUMBER: LL-20190930-776

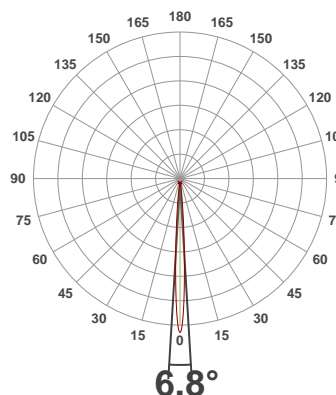
DATE OF MEASUREMENT: 2019-09-30

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

### ANGULAR DISTRIBUTION AT C0/180



### ANGULAR DISTRIBUTION AT C90/270



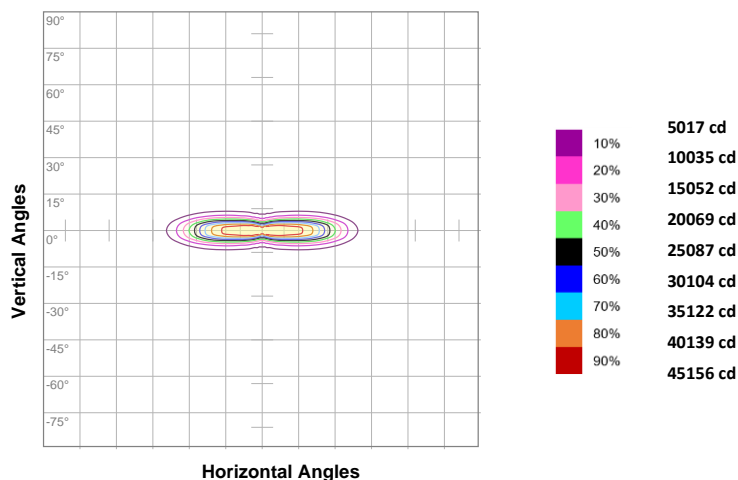
### LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 10285 lm  
 EFFICACY: 52 lm/W  
 PEAK INTENSITY: 50971 cd  
 COLOR RENDERING INDEX (CRI): 55.7  
 COLOR TEMPERATURE (CCT): 12160K  
 FIDELITY INDEX (TM30Rf): 67.9  
 GAMUT INDEX (TM30Rg): 105.4

### BEAM OUTPUT DATA

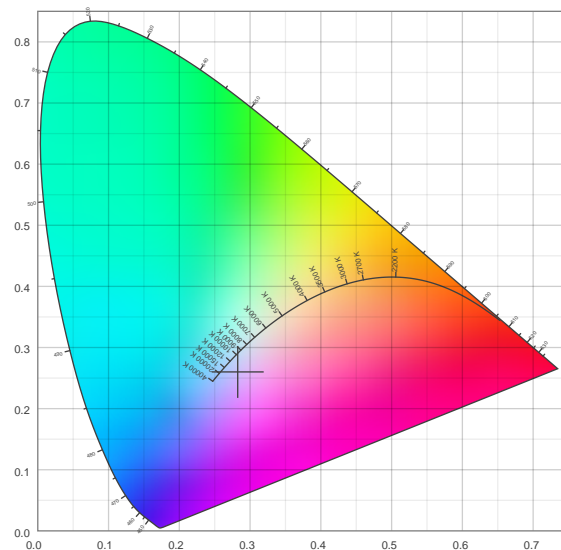
BEAM ANGLE (FWHM) | C0/180: 61.9°  
 BEAM ANGLE (FWHM) | C90/270: 6.8°  
 FIELD ANGLE (10%) | C0/180: 87.9°  
 FIELD ANGLE (10%) | C90/270: 15.5°  
 NUMBER OF PLANES MEASURED: 36

### ISOCANDELA DIAGRAM

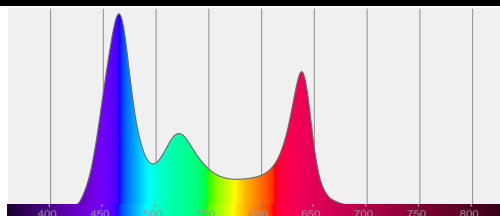


INPUT POWER: 198.1 W  
 POWER FACTOR: 1.0  
 OPTICAL POWER: 44.9 mW  
 PEAK WAVELENGTH: 466 nm  
 DOMINANT WAVELENGTH: 422 nm

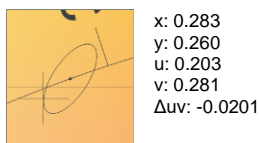
### CIE 1931



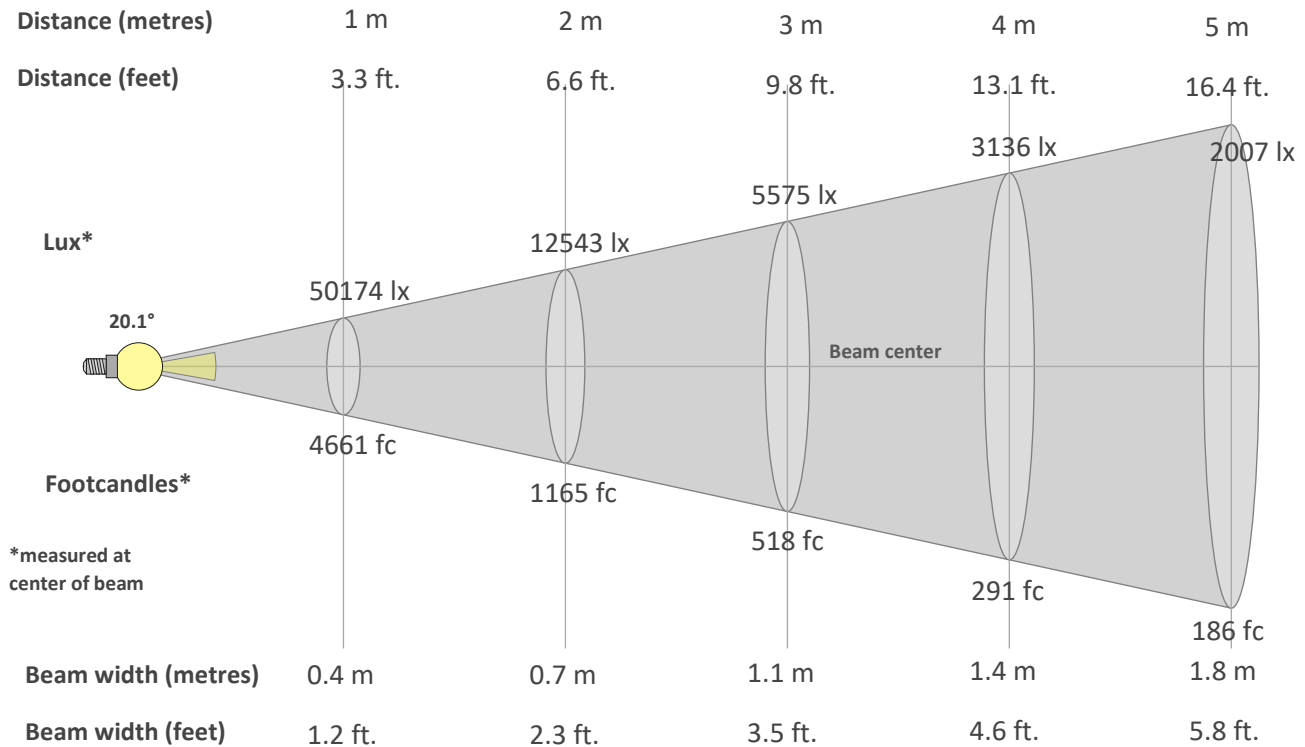
### SPECTRAL DISTRIBUTION



### 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
50174lx	12543lx	5575lx	3136lx	2007lx	1394lx	1024lx	784lx	619lx	502lx	415lx	348lx	297lx	256lx	223lx	196lx	174lx	155lx	139lx	125lx
4661.3fc	1165.3fc	517.9fc	291.3fc	186.5fc	129.5fc	95.1fc	72.8fc	57.5fc	46.6fc	38.5fc	32.4fc	27.6fc	23.8fc	20.7fc	18.2fc	16.1fc	14.4fc	12.9fc	11.7fc

**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°
50.2K	50.1K	50.0K	49.9K	49.7K	49.5K	49.3K	49.1K	48.8K	48.5K	48.3K	48.1K	47.9K	47.7K	47.5K	47.2K	46.7K	46.2K	45.5K	44.7K
100%	100%	100%	99%	99%	99%	98%	98%	97%	97%	96%	96%	95%	95%	95%	94%	93%	92%	91%	89%

**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°
50.2K	46.9K	38.9K	29.0K	20.2K	13.7K	9.3K	6.5K	4.6K	3.4K	2.6K	2.0K	1.5K	1.2K	1.0K	0.9K	0.8K	0.7K	0.6K	0.5K
100%	94%	77%	58%	40%	27%	19%	13%	9%	7%	5%	4%	3%	2%	2%	2%	2%	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°
50.2K	50.1K	50.0K	49.9K	49.7K	49.5K	49.3K	49.1K	48.8K	48.5K	48.3K	48.1K	47.9K	47.7K	47.5K	47.2K	46.7K	46.2K	45.5K	44.7K
100%	100%	100%	99%	99%	99%	98%	98%	97%	97%	96%	96%	95%	95%	95%	94%	93%	92%	91%	89%

**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°
50.2K	46.9K	38.9K	29.0K	20.2K	13.7K	9.3K	6.5K	4.6K	3.4K	2.6K	2.0K	1.5K	1.2K	1.0K	0.9K	0.8K	0.7K	0.6K	0.5K
100%	94%	77%	58%	40%	27%	19%	13%	9%	7%	5%	4%	3%	2%	2%	2%	2%	1%	1%	1%