

# FL200-RGBW40K-OM-20-ELV (GR)

## PRODUCT PHOTOMETRIC REPORT



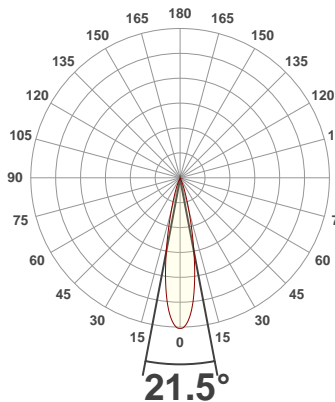
### PRODUCT INFORMATION

SERIAL NUMBER: LL-20191011-857

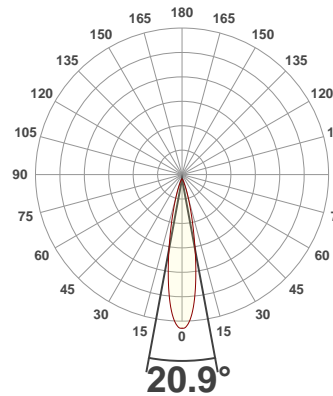
DATE OF MEASUREMENT: 2019-10-11

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

### ANGULAR DISTRIBUTION AT C0/180



### ANGULAR DISTRIBUTION AT C90/270



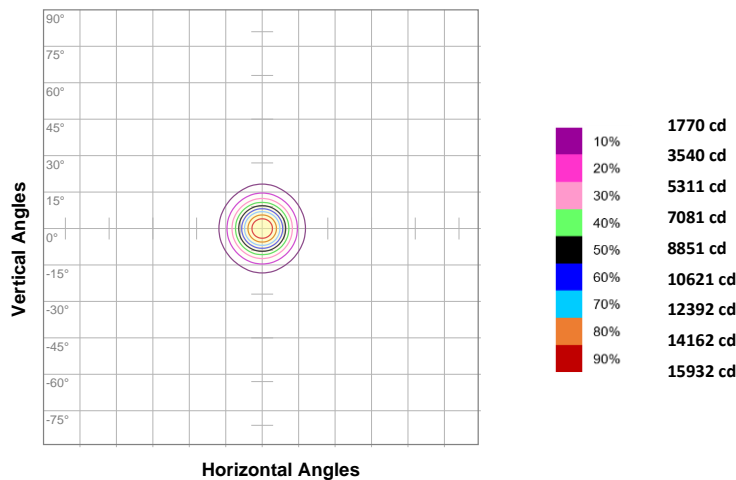
### LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 3087 lm  
EFFICACY: 56 lm/W  
PEAK INTENSITY: 17726 cd  
COLOR RENDERING INDEX (CRI): 0.0  
COLOR TEMPERATURE (CCT): 0K  
FIDELITY INDEX (TM30Rf): 0.0  
GAMUT INDEX (TM30Rg): 0.0

### BEAM OUTPUT DATA

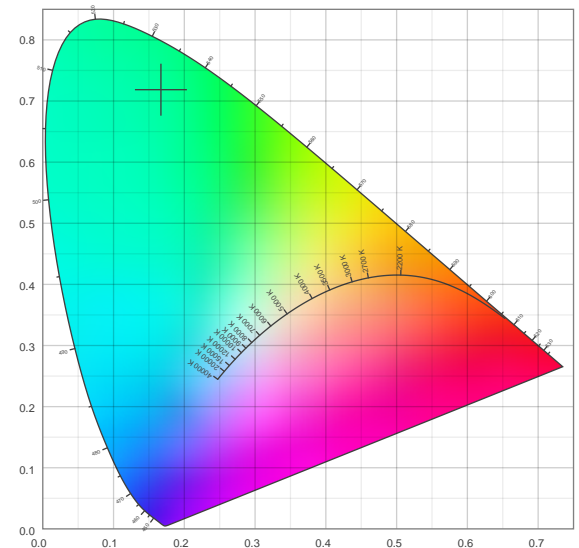
BEAM ANGLE (FWHM) | C0/180: 21.5°  
BEAM ANGLE (FWHM) | C90/270: 20.9°  
FIELD ANGLE (10%) | C0/180: 39.9°  
FIELD ANGLE (10%) | C90/270: 40.8°  
NUMBER OF PLANES MEASURED: 12

### ISOCANDELA DIAGRAM

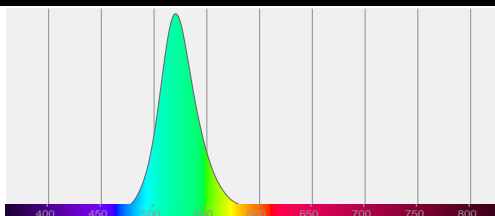


INPUT POWER: 55.1 W  
POWER FACTOR: 1.0  
OPTICAL POWER: 6.41 mW  
PEAK WAVELENGTH: 521 nm  
DOMINANT WAVELENGTH: 527 nm

### CIE 1931

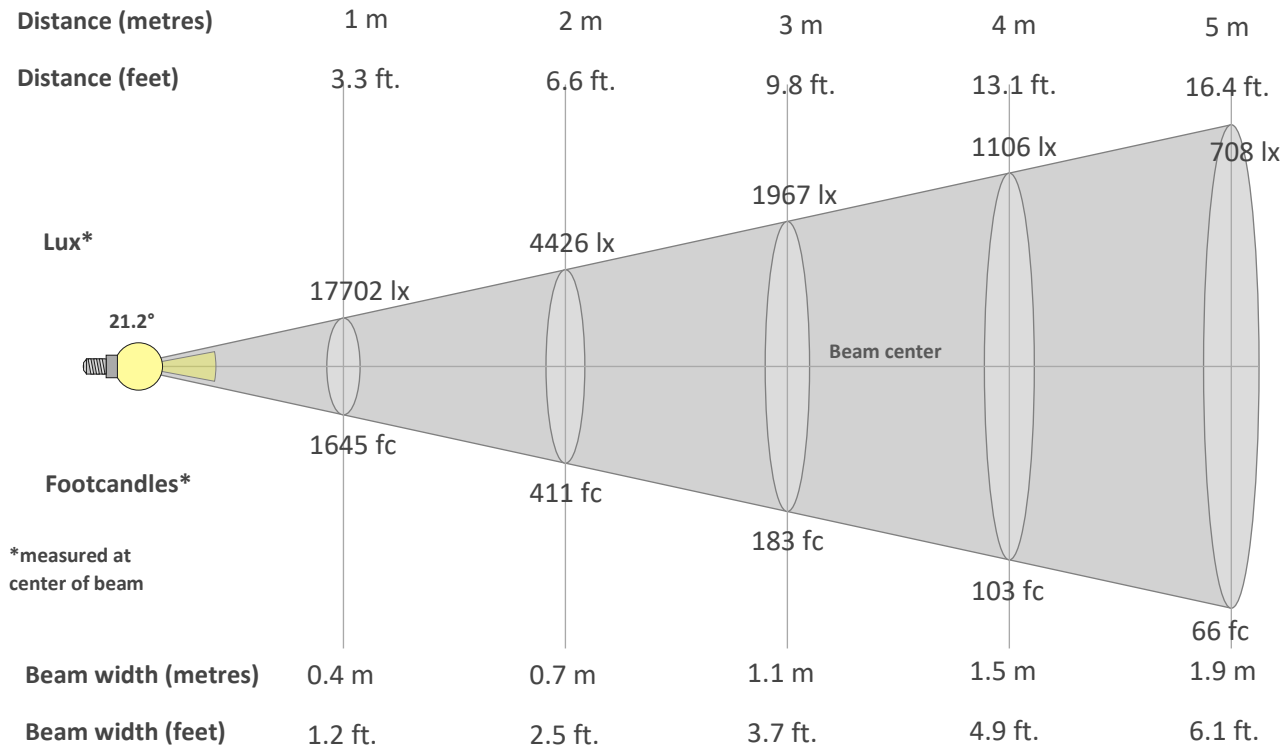


### SPECTRAL DISTRIBUTION



### CIE 1931 ZOOM

x: 0.167  
y: 0.719  
u: 0.059  
v: 0.382  
 $\Delta uv$ : 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
17702lx	4426lx	1967lx	1106lx	708lx	492lx	361lx	277lx	219lx	177lx	146lx	123lx	105lx	90lx	79lx	69lx	61lx	55lx	49lx	44lx
1644.6fc	411.1fc	182.7fc	102.8fc	65.8fc	45.7fc	33.6fc	25.7fc	20.3fc	16.4fc	13.6fc	11.4fc	9.7fc	8.4fc	7.3fc	6.4fc	5.7fc	5.1fc	4.6fc	4.1fc

**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°
17.7K	17.6K	17.4K	16.9K	16.3K	15.6K	14.6K	13.5K	12.4K	11.1K	9.8K	8.5K	7.3K	6.2K	5.2K	4.3K	3.6K	3.0K	2.5K	2.1K
100%	100%	98%	96%	92%	88%	83%	76%	70%	63%	55%	48%	41%	35%	29%	24%	20%	17%	14%	12%

**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°
17.7K	17.6K	17.3K	16.9K	16.2K	15.4K	14.3K	13.2K	11.9K	10.7K	9.4K	8.2K	7.1K	6.1K	5.2K	4.4K	3.7K	3.1K	2.6K	2.2K
100%	100%	98%	95%	92%	87%	81%	74%	67%	60%	53%	46%	40%	34%	29%	25%	21%	18%	15%	13%

**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°
17.7K	17.6K	17.4K	16.9K	16.3K	15.6K	14.6K	13.5K	12.4K	11.1K	9.8K	8.5K	7.3K	6.2K	5.2K	4.3K	3.6K	3.0K	2.5K	2.1K
100%	100%	98%	96%	92%	88%	83%	76%	70%	63%	55%	48%	41%	35%	29%	24%	20%	17%	14%	12%

**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°
17.7K	17.6K	17.3K	16.9K	16.2K	15.4K	14.3K	13.2K	11.9K	10.7K	9.4K	8.2K	7.1K	6.1K	5.2K	4.4K	3.7K	3.1K	2.6K	2.2K
100%	100%	98%	95%	92%	87%	81%	74%	67%	60%	53%	46%	40%	34%	29%	25%	21%	18%	15%	13%