

FL200-RGBW40K-OM-20-ELV (ALL ON)

PRODUCT PHOTOMETRIC REPORT



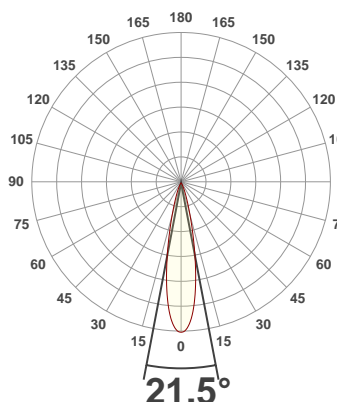
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-860

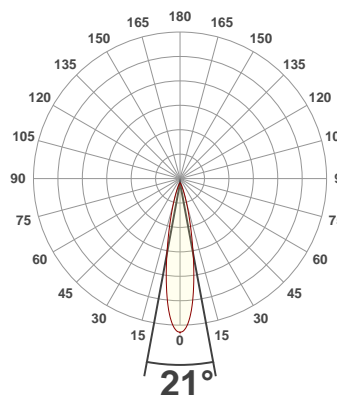
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



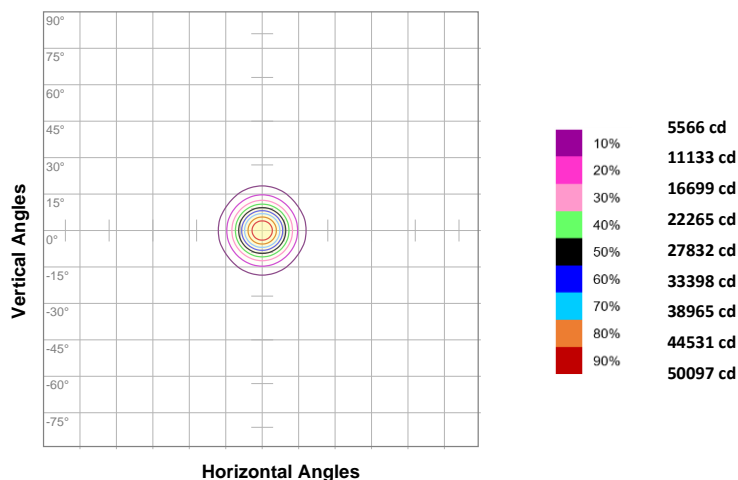
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 9705 lm
 EFFICACY: 49 lm/W
 PEAK INTENSITY: 55698 cd
 COLOR RENDERING INDEX (CRI): 52.8
 COLOR TEMPERATURE (CCT): 11549K
 FIDELITY INDEX (TM30Rf): 67.6
 GAMUT INDEX (TM30Rg): 107.0

BEAM OUTPUT DATA

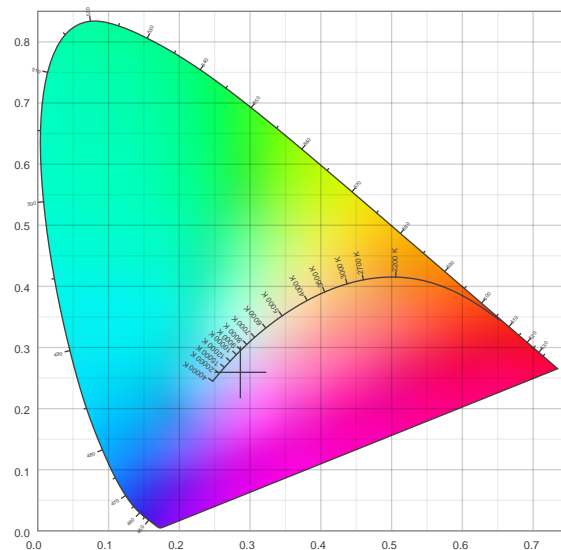
BEAM ANGLE (FWHM) | C0/180: 21.5°
 BEAM ANGLE (FWHM) | C90/270: 21°
 FIELD ANGLE (10%) | C0/180: 40.2°
 FIELD ANGLE (10%) | C90/270: 41°
 NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

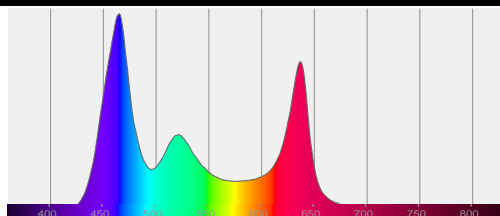


INPUT POWER: 198.2 W
 POWER FACTOR: 1.0
 OPTICAL POWER: 42.2 mW
 PEAK WAVELENGTH: 465 nm
 DOMINANT WAVELENGTH: 360 nm

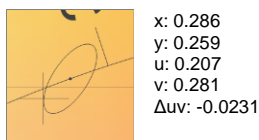
CIE 1931



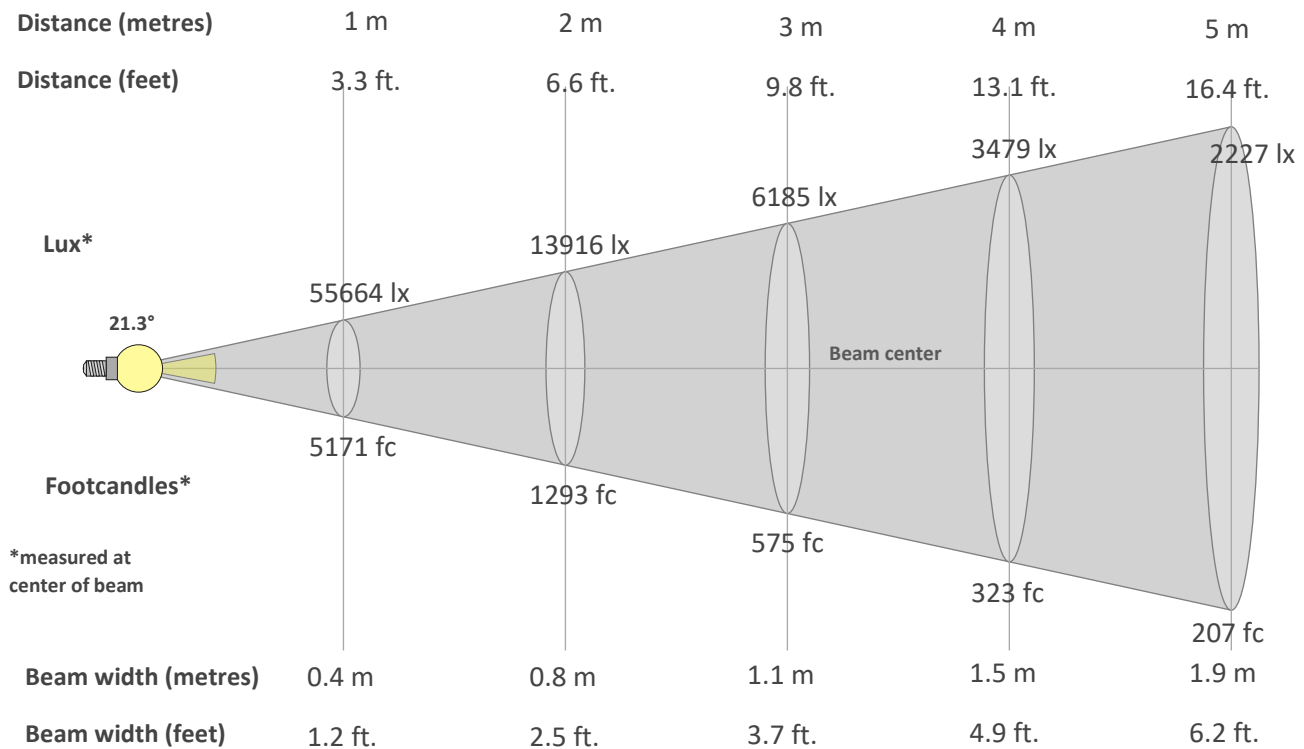
SPECTRAL DISTRIBUTION



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
55664lx	13916lx	6185lx	3479lx	2227lx	1546lx	1136lx	870lx	687lx	557lx	460lx	387lx	329lx	284lx	247lx	217lx	193lx	172lx	154lx	139lx
5171.3fc	1292.8fc	574.6fc	323.2fc	206.9fc	143.6fc	105.5fc	80.8fc	63.8fc	51.7fc	42.7fc	35.9fc	30.6fc	26.4fc	23fc	20.2fc	17.9fc	16fc	14.3fc	12.9fc

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°
55.7K	54.6K	51.3K	45.9K	38.8K	30.8K	23.2K	16.6K	11.6K	8.0K	5.6K	4.0K	2.9K	2.1K	1.5K	1.1K	0.8K	0.6K	0.4K	0.4K
100%	98%	92%	82%	70%	55%	42%	30%	21%	14%	10%	7%	5%	4%	3%	2%	1%	1%	1%	1%

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°
55.7K	54.5K	50.9K	45.0K	37.6K	29.7K	22.4K	16.4K	11.8K	8.4K	6.0K	4.3K	3.0K	2.1K	1.5K	1.1K	0.8K	0.6K	0.5K	0.4K
100%	98%	91%	81%	67%	53%	40%	30%	21%	15%	11%	8%	5%	4%	3%	2%	1%	1%	1%	1%

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°
55.7K	54.6K	51.3K	45.9K	38.8K	30.8K	23.2K	16.6K	11.6K	8.0K	5.6K	4.0K	2.9K	2.1K	1.5K	1.1K	0.8K	0.6K	0.4K	0.4K
100%	98%	92%	82%	70%	55%	42%	30%	21%	14%	10%	7%	5%	4%	3%	2%	1%	1%	1%	1%

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°
55.7K	54.5K	50.9K	45.0K	37.6K	29.7K	22.4K	16.4K	11.8K	8.4K	6.0K	4.3K	3.0K	2.1K	1.5K	1.1K	0.8K	0.6K	0.5K	0.4K
100%	98%	91%	81%	67%	53%	40%	30%	21%	15%	11%	8%	5%	4%	3%	2%	1%	1%	1%	1%