

FL200-RGBW40K-OM-80-ELV (BL)

PRODUCT PHOTOMETRIC REPORT



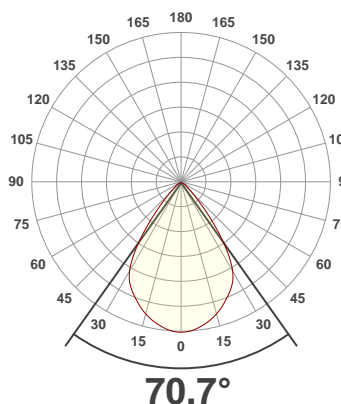
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-870

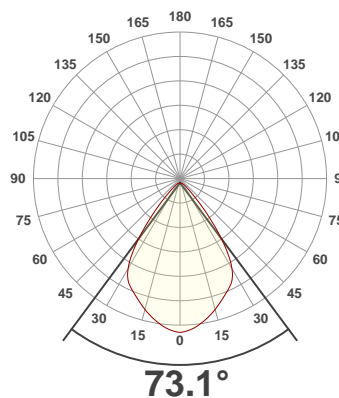
DATE OF MEASUREMENT: 2019-10-15

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

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



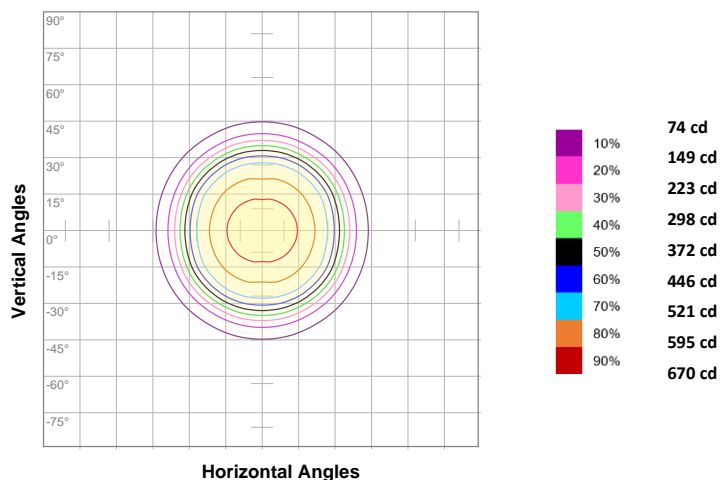
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT: 964 lm
EFFICACY: 18 lm/W
PEAK INTENSITY: 745 cd
COLOR RENDERING INDEX (CRI): 0.0
COLOR TEMPERATURE (CCT): 0K
FIDELITY INDEX (TM30Rf): 0.0
GAMUT INDEX (TM30Rg): 0.0

BEAM OUTPUT DATA

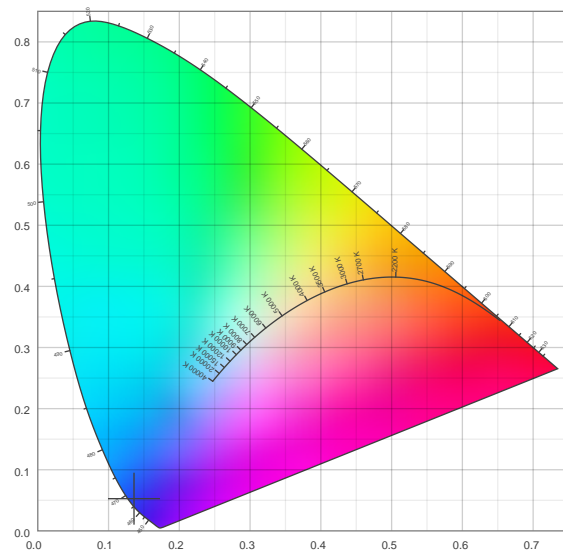
BEAM ANGLE (FWHM) | C0/180: 70.7°
BEAM ANGLE (FWHM) | C90/270: 73.1°
FIELD ANGLE (10%) | C0/180: 97.3°
FIELD ANGLE (10%) | C90/270: 99.6°
NUMBER OF PLANES MEASURED: 12

ISOCANDELA DIAGRAM

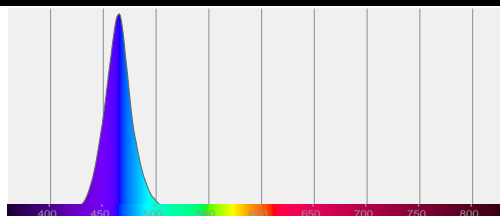


INPUT POWER: 54.4 W
POWER FACTOR: 1.0
OPTICAL POWER: 15.4 mW
PEAK WAVELENGTH: 465 nm
DOMINANT WAVELENGTH: 467 nm

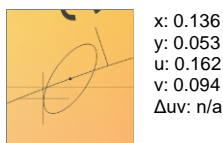
CIE 1931



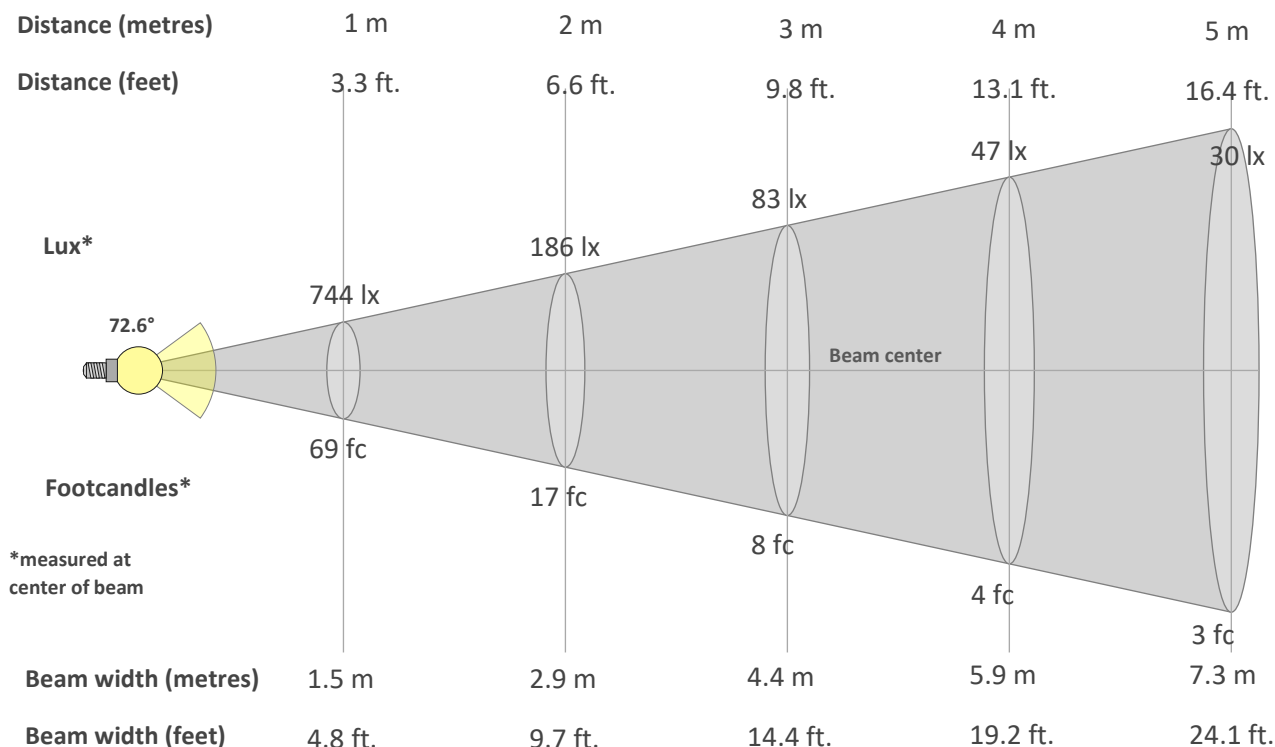
SPECTRAL DISTRIBUTION



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
744lx	186lx	83lx	47lx	30lx	21lx	15lx	12lx	9lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx
69.1fc	17.3fc	7.7fc	4.3fc	2.8fc	1.9fc	1.4fc	1.1fc	0.9fc	0.7fc	0.6fc	0.5fc	0.4fc	0.4fc	0.3fc	0.3fc	0.2fc	0.2fc	0.2fc	0.2fc

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°
744	742	738	731	721	711	699	685	670	653	635	616	597	576	551	517	471	415	352	285
100%	100%	99%	98%	97%	96%	94%	92%	90%	88%	85%	83%	80%	77%	74%	69%	63%	56%	47%	38%

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°
744	741	735	726	713	700	686	671	655	639	623	607	592	577	561	534	498	450	391	324
100%	100%	99%	98%	96%	94%	92%	90%	88%	86%	84%	82%	80%	78%	75%	72%	67%	60%	52%	44%

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°
744	742	738	731	721	711	699	685	670	653	635	616	597	576	551	517	471	415	352	285
100%	100%	99%	98%	97%	96%	94%	92%	90%	88%	85%	83%	80%	77%	74%	69%	63%	56%	47%	38%

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°
744	741	735	726	713	700	686	671	655	639	623	607	592	577	561	534	498	450	391	324
100%	100%	99%	98%	96%	94%	92%	90%	88%	86%	84%	82%	80%	78%	75%	72%	67%	60%	52%	44%