



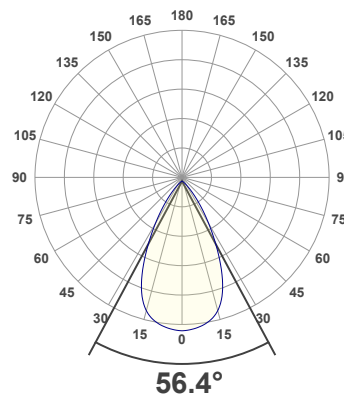
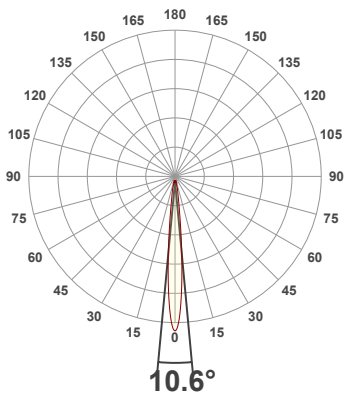
PRODUCT INFORMATION

SERIAL NUMBER: LL-20190827-550-BMS

DATE OF MEASUREMENT: 2019-08-27

SIZE (dia. x h): 298 mm x 59.5 mm

ANGULAR DISTRIBUTION AT C0/180 | ANGULAR DISTRIBUTION AT C90/270 | LIGHT OUTPUT DATA

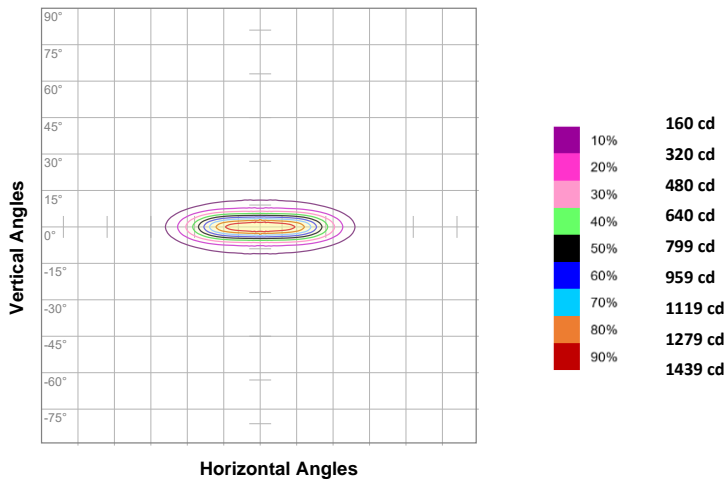


TOTAL LUMEN OUTPUT:	401 lm
EFFICACY:	24 lm/W
PEAK INTENSITY:	1600 cd
COLOR RENDERING INDEX (CRI):	N/A
COLOR TEMPERATURE (CCT):	N/A
FIDELITY INDEX (TM30Rf):	N/A
GAMUT INDEX (TM30Rg):	N/A

BEAM OUTPUT DATA

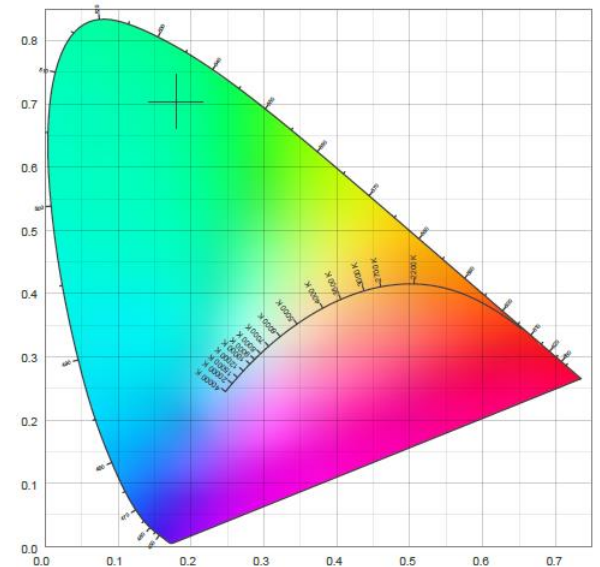
BEAM ANGLE (FWHM) C0/180:	10.6°
BEAM ANGLE (FWHM) C90/270:	56.4°
FIELD ANGLE (10%) C0/180:	24.7°
FIELD ANGLE (10%) C90/270:	86.7°
NUMBER OF PLANES MEASURED:	36

ISOCANDELA DIAGRAM

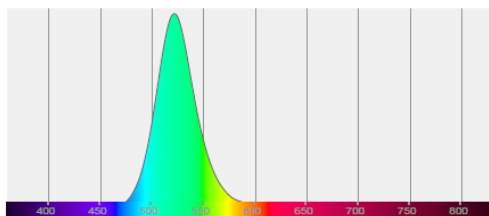


INPUT POWER:	16.6 W
POWER FACTOR:	1.0
OPTICAL POWER:	0.849 mW
PEAK WAVELENGTH:	522 nm
DOMINANT WAVELENGTH:	528 nm

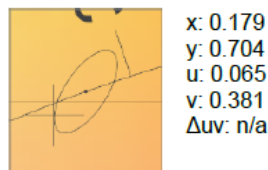
CIE 1931

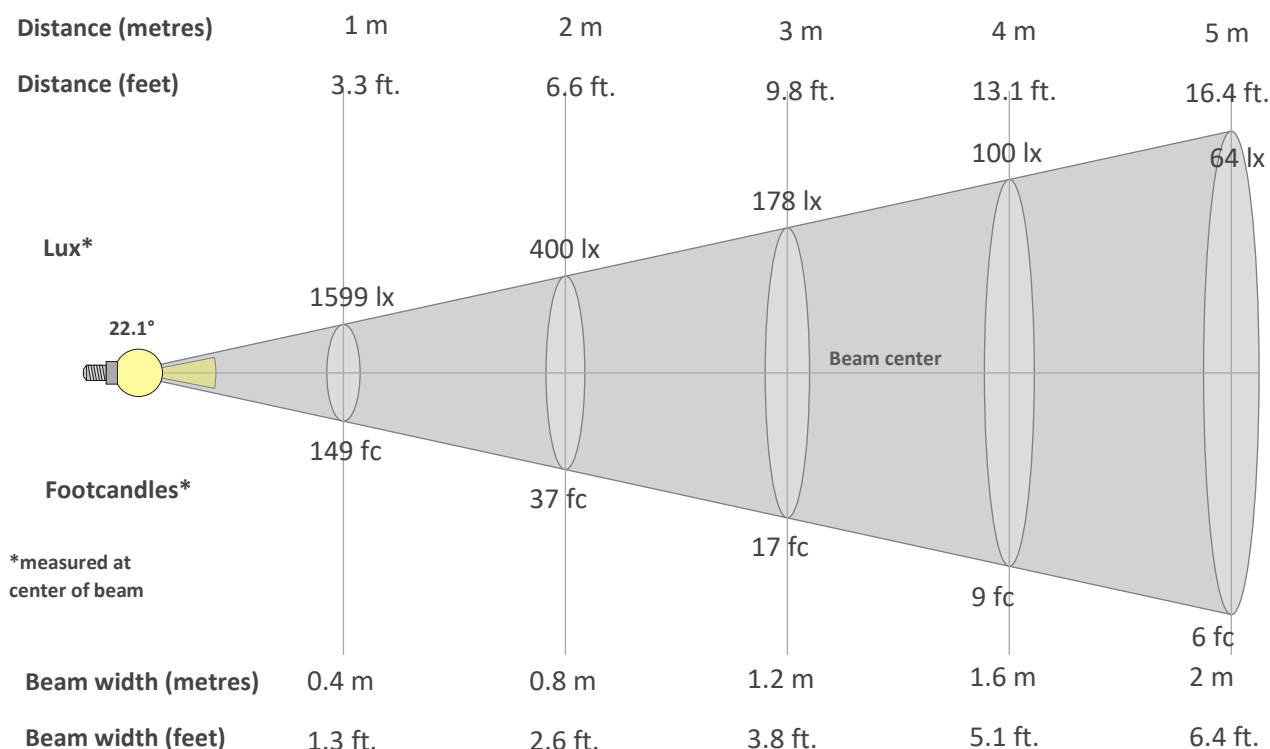


SPECTRAL DISTRIBUTION



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
1599lx	400lx	178lx	100lx	64lx	44lx	33lx	25lx	20lx	16lx	13lx	11lx	9lx	8lx	7lx	6lx	6lx	5lx	4lx	4lx
148.5fc	37.1fc	16.5fc	9.3fc	5.9fc	4.1fc	3fc	2.3fc	1.8fc	1.5fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.5fc	0.5fc	0.4fc	0.4fc

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°
1599	1442	1069	671	390	241	168	129	105	85	67	51	38	29	23	18	15	12	10	9
100%	90%	67%	42%	24%	15%	10%	8%	7%	5%	4%	3%	2%	2%	1%	1%	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°
1599	1596	1588	1577	1561	1541	1515	1480	1431	1367	1286	1186	1068	942	814	692	580	481	392	314
100%	100%	99%	99%	98%	96%	95%	93%	90%	85%	80%	74%	67%	59%	51%	43%	36%	30%	25%	20%

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°
1599	1442	1069	671	390	241	168	129	105	85	67	51	38	29	23	18	15	12	10	9
100%	90%	67%	42%	24%	15%	10%	8%	7%	5%	4%	3%	2%	2%	1%	1%	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°
1599	1596	1588	1577	1561	1541	1515	1480	1431	1367	1286	1186	1068	942	814	692	580	481	392	314
100%	100%	99%	99%	98%	96%	95%	93%	90%	85%	80%	74%	67%	59%	51%	43%	36%	30%	25%	20%