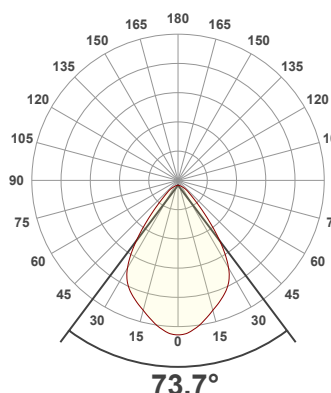




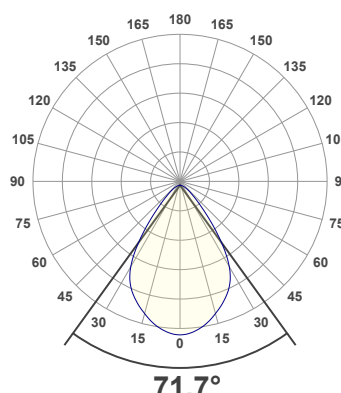
PRODUCT INFORMATION

SERIAL NUMBER:	LL-20190828-570-BMS
DATE OF MEASUREMENT:	2019-08-28
SIZE (dia. x h):	298 mm x 59.5 mm

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



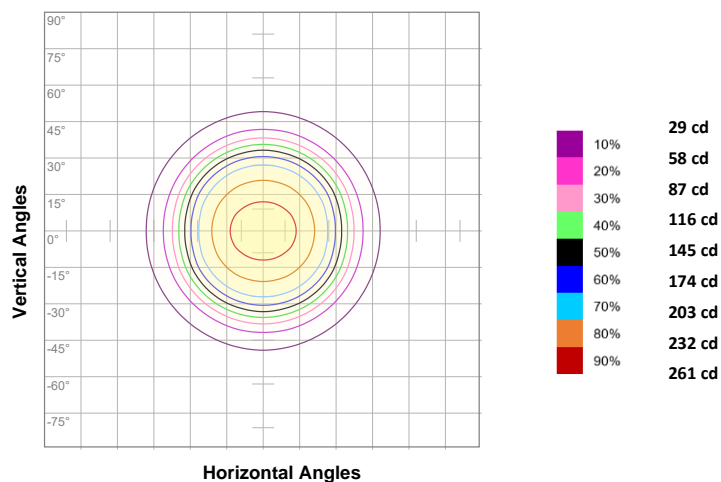
LIGHT OUTPUT DATA

TOTAL LUMEN OUTPUT:	398 lm
EFFICACY:	21 lm/W
PEAK INTENSITY:	290 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

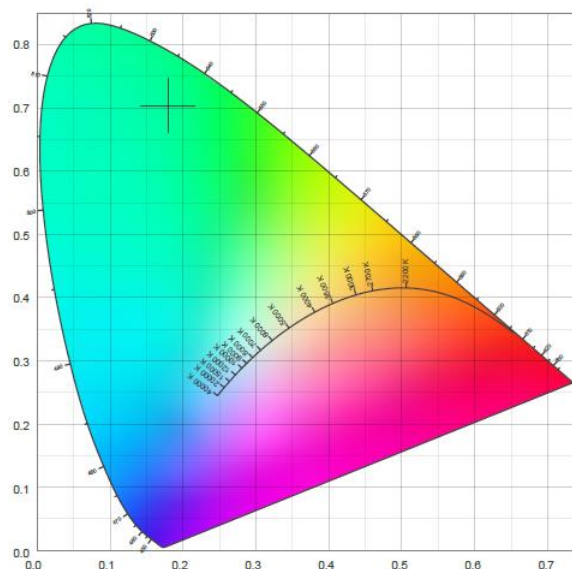
BEAM ANGLE (FWHM) C0/180:	73.7°
BEAM ANGLE (FWHM) C90/270:	71.7°
FIELD ANGLE (10%) C0/180:	109.4°
FIELD ANGLE (10%) C90/270:	107°
NUMBER OF PLANES MEASURED:	12

ISOCANDELA DIAGRAM

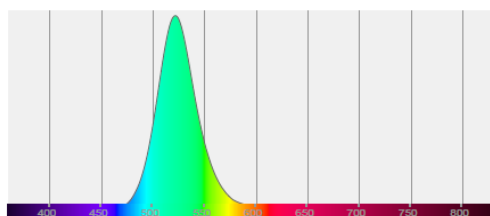


INPUT POWER:	19.2 W
POWER FACTOR:	1.0
OPTICAL POWER:	0.849 mW
PEAK WAVELENGTH:	522 nm
DOMINANT WAVELENGTH:	528 nm

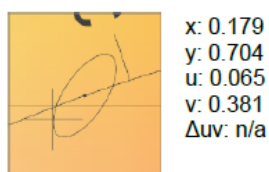
CIE 1931

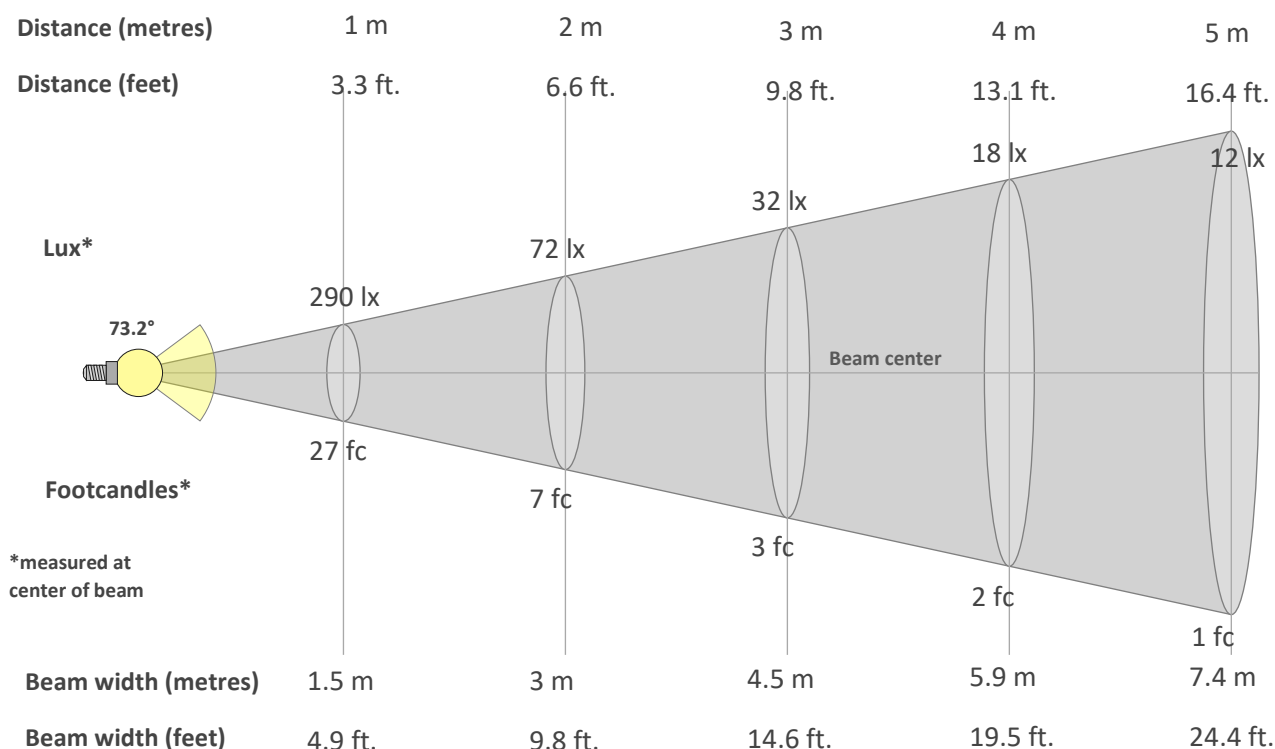


SPECTRAL DISTRIBUTION



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
290lx	72lx	32lx	18lx	12lx	8lx	6lx	5lx	4lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx
26.9fc	6.7fc	3fc	1.7fc	1.1fc	0.7fc	0.5fc	0.4fc	0.3fc	0.3fc	0.2fc	0.2fc	0.2fc	0.1fc	0.1fc	0.1fc	0.1fc	0.1fc	0.1fc	0.1fc

Intensity in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
290	284	271	255	241	226	203	164	111	68	42	28	21	15	9	5	2	1	0	0
100%	98%	94%	88%	83%	78%	70%	56%	38%	23%	14%	10%	7%	5%	3%	2%	1%	0%	0%	0%

Intensity in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
290	286	275	261	244	225	198	154	102	62	39	26	18	13	8	5	2	0	0	0
100%	99%	95%	90%	84%	78%	68%	53%	35%	21%	13%	9%	6%	4%	3%	2%	1%	0%	0%	0%

Intensity in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
290	284	271	255	241	226	203	164	111	68	42	28	21	15	9	5	2	1	0	0
100%	98%	94%	88%	83%	78%	70%	56%	38%	23%	14%	10%	7%	5%	3%	2%	1%	0%	0%	0%

Intensity in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
290	286	275	261	244	225	198	154	102	62	39	26	18	13	8	5	2	0	0	0
100%	99%	95%	90%	84%	78%	68%	53%	35%	21%	13%	9%	6%	4%	3%	2%	1%	0%	0%	0%