



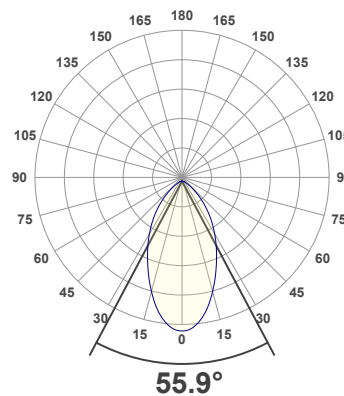
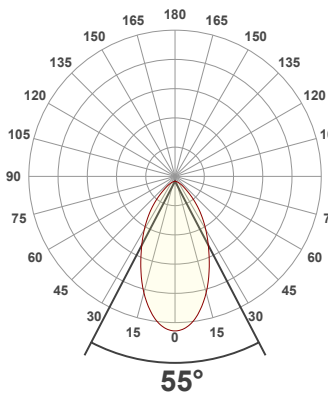
PRODUCT INFORMATION

SERIAL NUMBER: LL-20190828-569-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

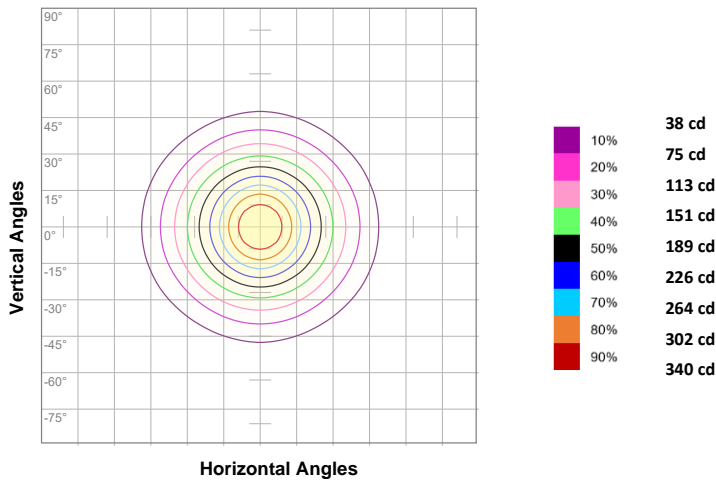


TOTAL LUMEN OUTPUT:	405 lm
EFFICACY:	21 lm/W
PEAK INTENSITY:	377 cd
COLOR RENDERING INDEX (CRI):	N/A
COLOR TEMPERATURE (CCT):	N/A
FIDELITY INDEX (TM30Rf):	N/A
GAMUT INDEX (TM30Rg):	N/A

BEAM OUTPUT DATA

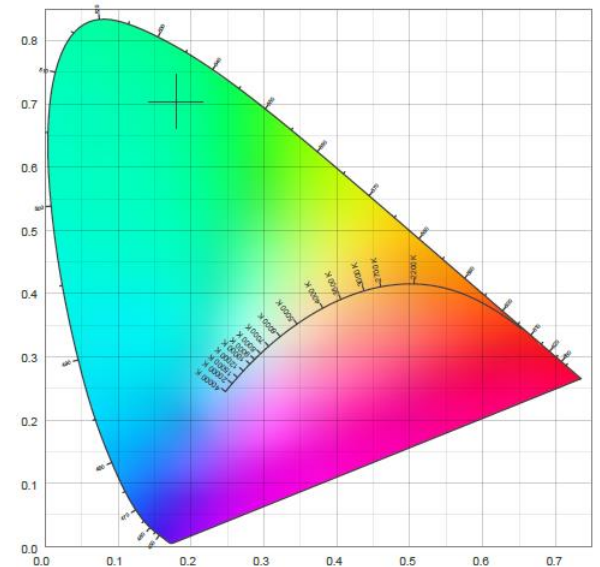
BEAM ANGLE (FWHM) C0/180:	55°
BEAM ANGLE (FWHM) C90/270:	55.9°
FIELD ANGLE (10%) C0/180:	105.7°
FIELD ANGLE (10%) C90/270:	108.5°
NUMBER OF PLANES MEASURED:	12

ISOCANDELA DIAGRAM

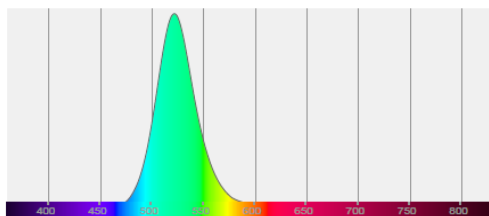


INPUT POWER:	19.2 W
POWER FACTOR:	1.0
OPTICAL POWER:	0.849 mW
PEAK WAVELENGTH:	522 nm
DOMINANT WAVELENGTH:	528 nm

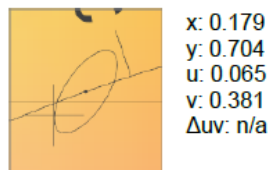
CIE 1931

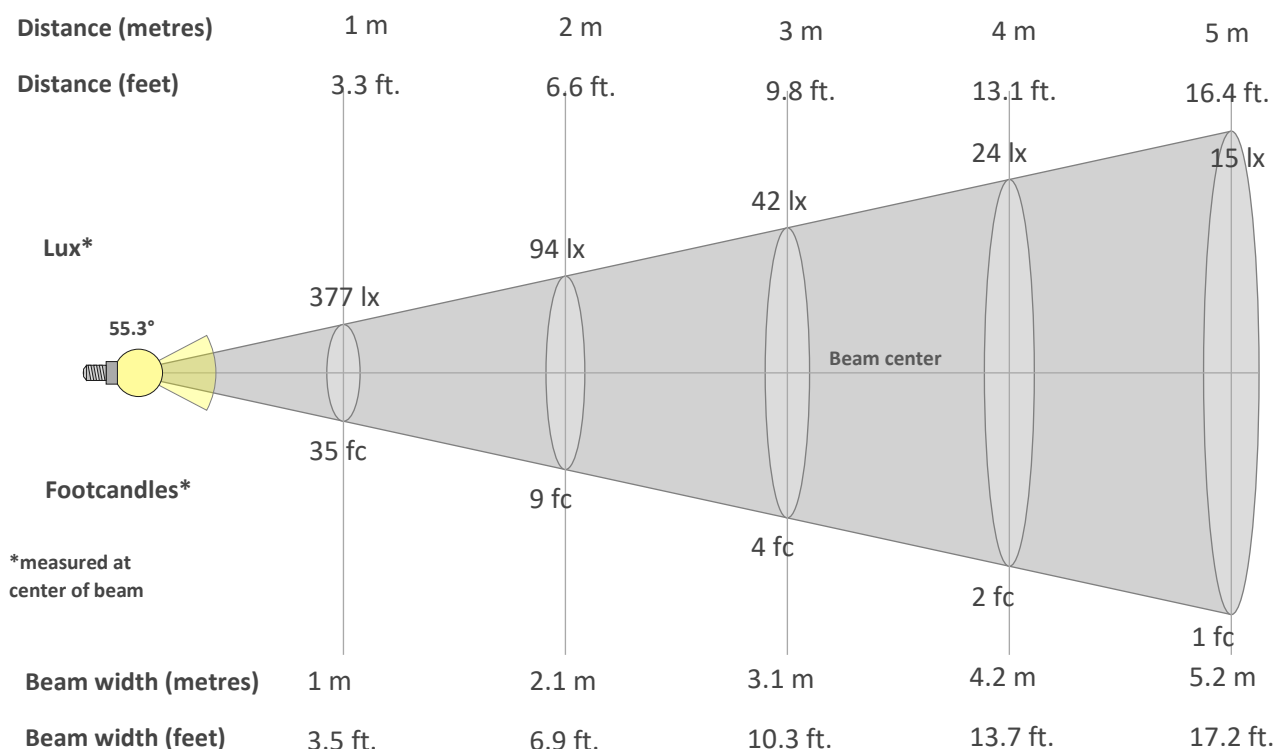


SPECTRAL DISTRIBUTION



CIE 1931 ZOOM



BEAM DETAILS


*measured at center of beam

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
377lx	94lx	42lx	24lx	15lx	10lx	8lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx
35fc	8.8fc	3.9fc	2.2fc	1.4fc	1fc	0.7fc	0.5fc	0.4fc	0.4fc	0.3fc	0.2fc	0.2fc	0.2fc	0.2fc	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°
377	368	341	301	256	210	169	133	101	72	48	32	22	14	9	5	2	0	0	0
100%	98%	90%	80%	68%	56%	45%	35%	27%	19%	13%	8%	6%	4%	2%	1%	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°
377	367	338	296	252	211	174	140	108	79	54	35	23	14	9	5	2	0	0	0
100%	97%	89%	79%	67%	56%	46%	37%	29%	21%	14%	9%	6%	4%	2%	1%	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°
377	368	341	301	256	210	169	133	101	72	48	32	22	14	9	5	2	0	0	0
100%	98%	90%	80%	68%	56%	45%	35%	27%	19%	13%	8%	6%	4%	2%	1%	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°
377	367	338	296	252	211	174	140	108	79	54	35	23	14	9	5	2	0	0	0
100%	97%	89%	79%	67%	56%	46%	37%	29%	21%	14%	9%	6%	4%	2%	1%	1%	0%	0%	0%