

Photometric Report

VDO Atomic Dot CLD - 60 Degree Diffuser

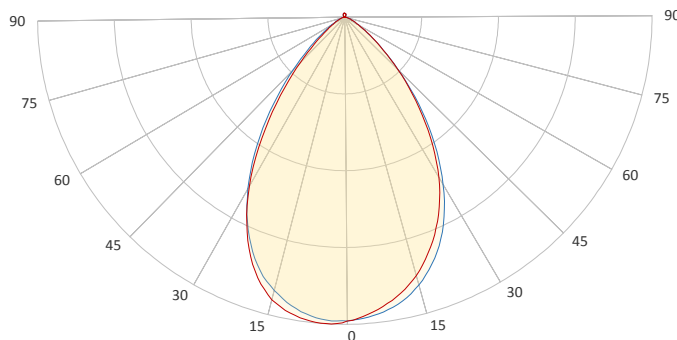
MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

GENERAL SPECIFICATIONS

Total Fixture Output:	3150 lm
Total Steady Fixture Output:	1500 lm
Light Engine Steady Output:	2300 lm
Total Aura Backlight Output:	66 lm
Luminous Intensity:	2500 cd
Steady Luminous Intensity:	1150 cd
Efficacy:	70 lm/W
Lens Option:	60 Degree Diffuser
Zoom range:	70°
CRI:	80
Color Temperature:	5700 K



MEASUREMENT

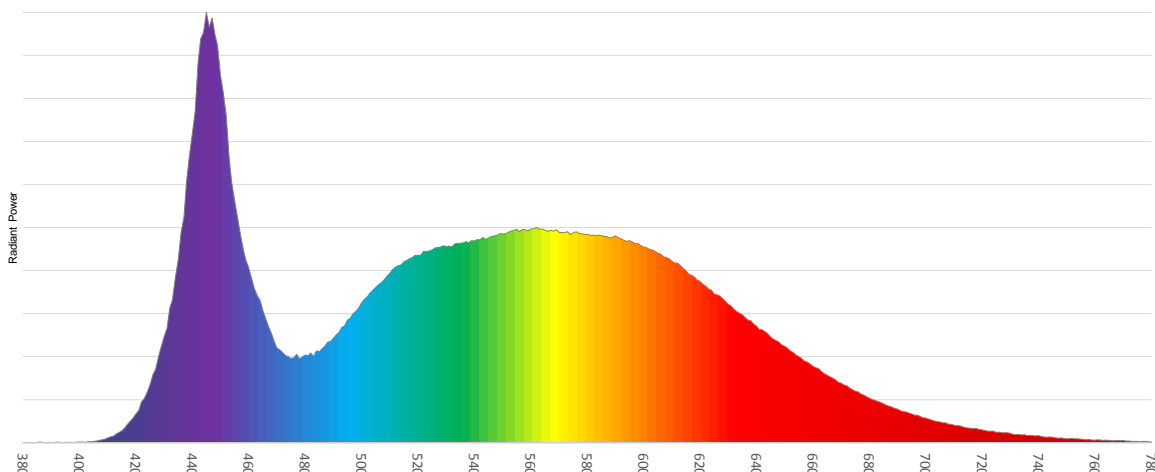


- Vertical - Horizontal

Catalog Number:	90357701
Measured Output:	3162 lm
Measured Steady Output:	1503 lm
Measured Luminous Intensity:	2399 cd
Measured Steady Luminous Intensity:	1140 cd
Consumed Power:	45,0 W
Efficacy:	70,3 lm/W
Beam Angle (50%):	69,6°
Field Angle (10%):	106,5°
Cutoff Angle (3%):	132,6°

Measurement Condition:	
Ambient Temperature:	25° +/- 5° C
AC Supply:	230V/50Hz

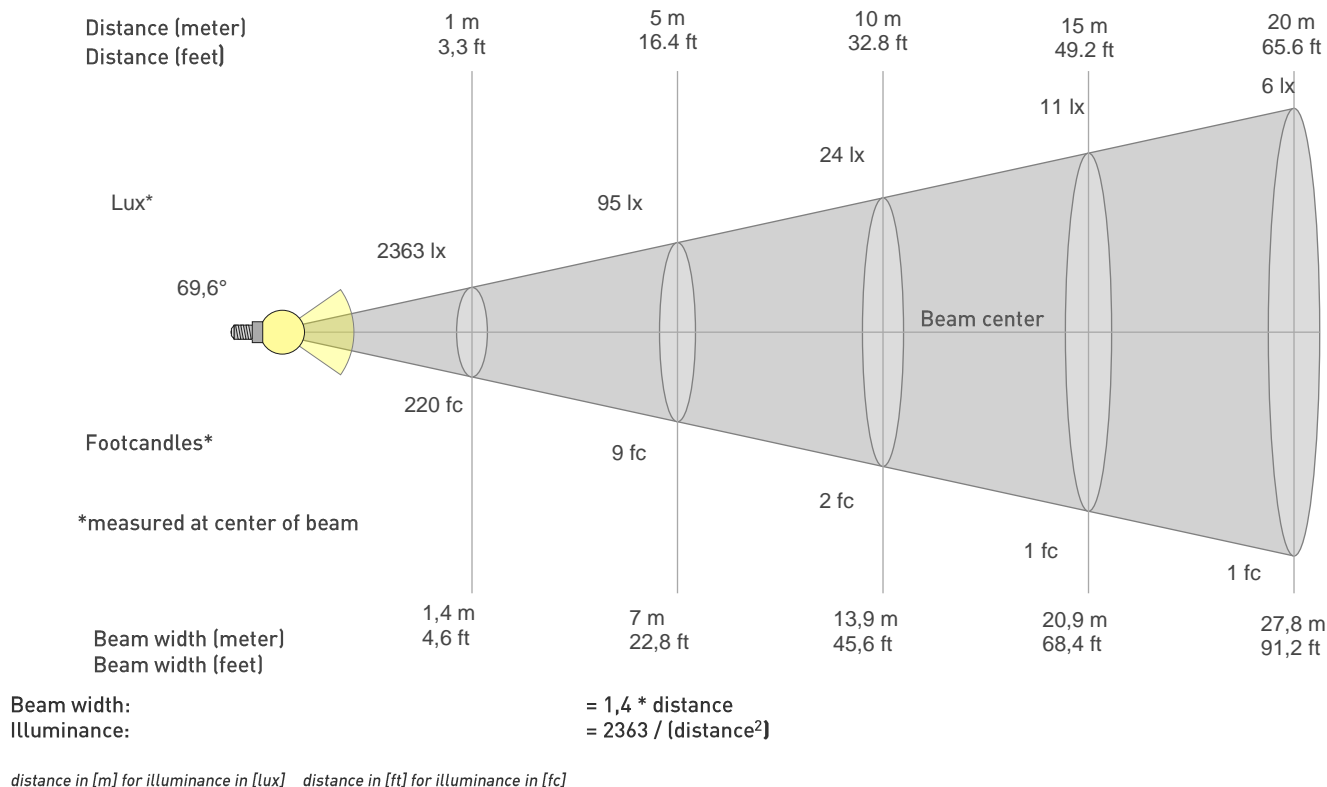
SPECTRAL DISTRIBUTION



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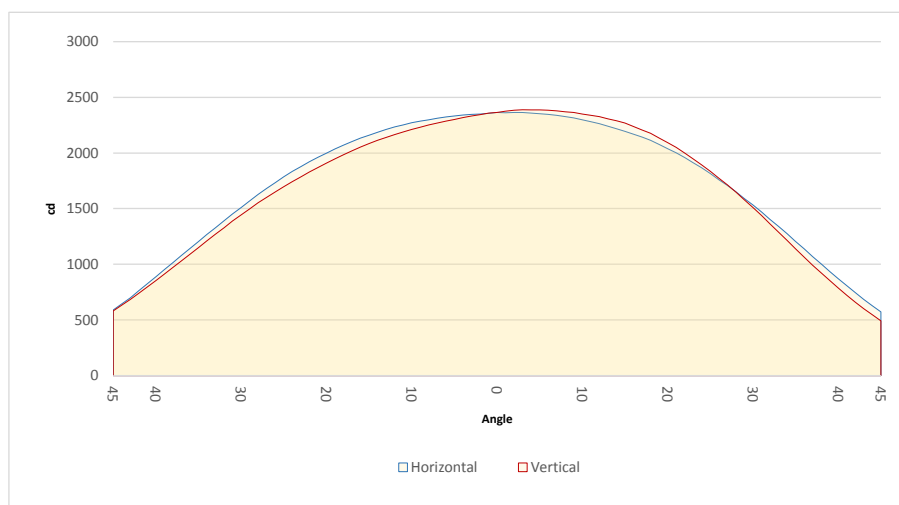
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BEAM DETAILS



BEAM ILLUMINANCE 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
2363lx	591lx	263lx	148lx	95lx	66lx	48lx	37lx	29lx	24lx	20lx	16lx	14lx	12lx	11lx	9lx	8lx	7lx	7lx	6lx
219,5fc	54,9fc	24,4fc	13,7fc	8,8fc	6,1fc	4,5fc	3,4fc	2,7fc	2,2fc	1,8fc	1,5fc	1,3fc	1,1fc	1fc	0,9fc	0,8fc	0,7fc	0,6fc	0,5fc



BEAM ANGLE 50%	FIELD ANGLE 10%	CUTOFF ANGLE 3%
69,6°	106,5°	132,6°