

# Photometric Report

VDO Atomic Dot CLD - No Diffuser

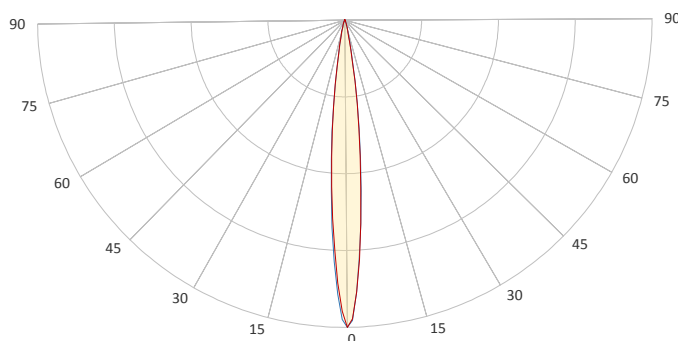
MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

## GENERAL SPECIFICATIONS

Total Fixture Output:	3350 lm
Total Steady Fixture Output:	1600 lm
Light Engine Steady Output:	2300 lm
Total Aura Backlight Output:	66 lm
Luminous Intensity:	60 kcd
Steady Luminous Intensity:	28 kcd
Efficacy:	75 lm/W
Lens Option:	No Diffuser
Zoom range:	11°
CRI:	80
Color Temperature:	5700 K



## MEASUREMENT

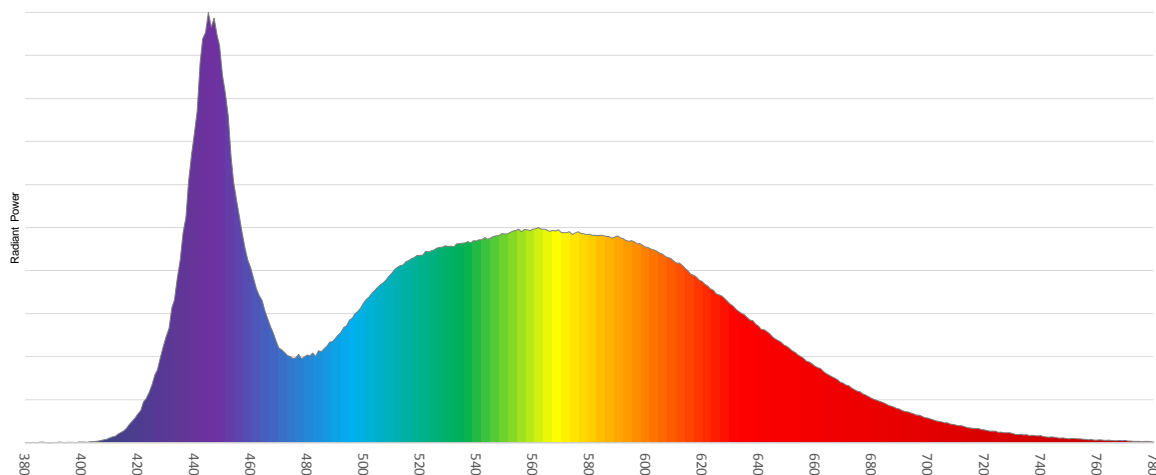


- Vertical - Horizontal

Catalog Number:	90357701
Measured Output:	3335 lm
Measured Steady Output:	1585 lm
Measured Luminous Intensity:	58445 cd
Measured Steady Luminous Intensity:	27774 cd
Consumed Power:	45,0 W
Efficacy:	74,1 lm/W
Beam Angle (50%):	10,9°
Field Angle (10%):	22,3°
Cutoff Angle (3%):	33,9°

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

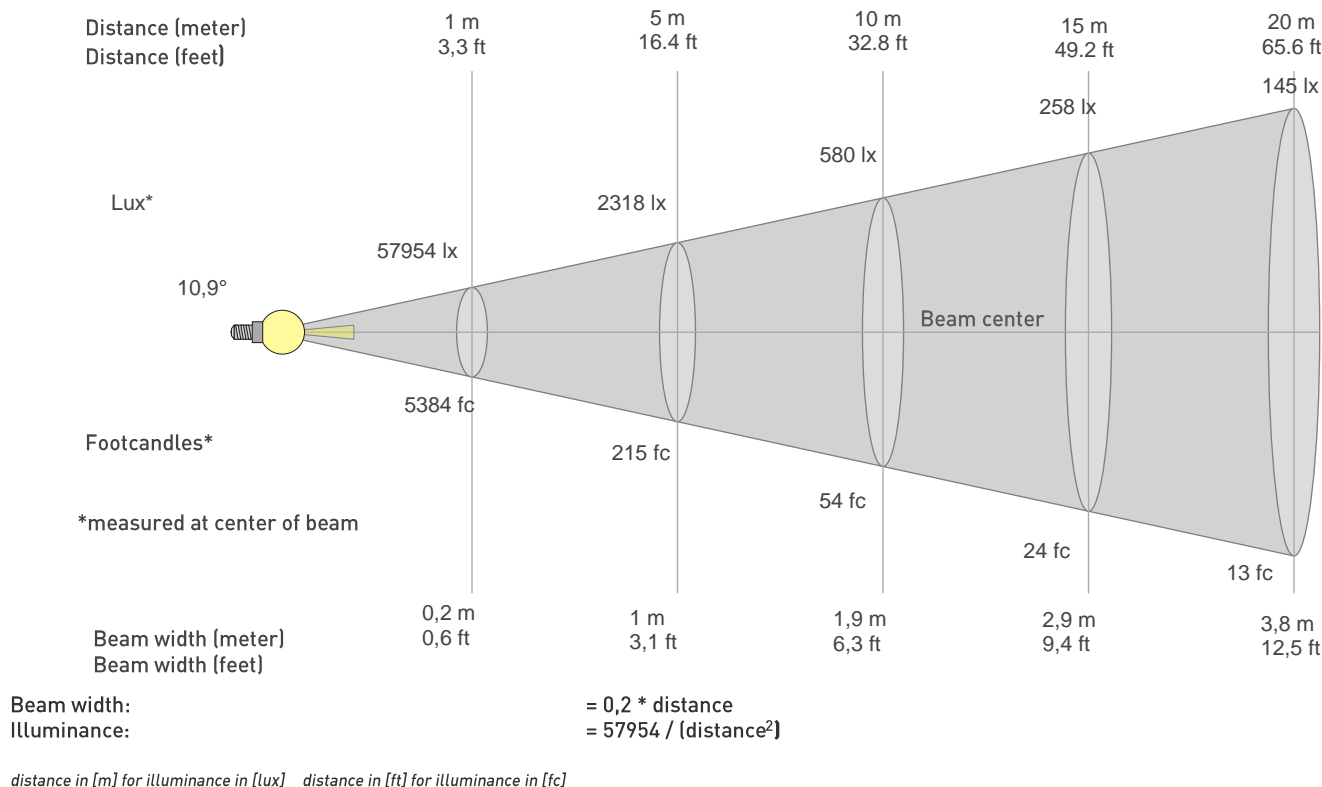
SPECTRAL DISTRIBUTION



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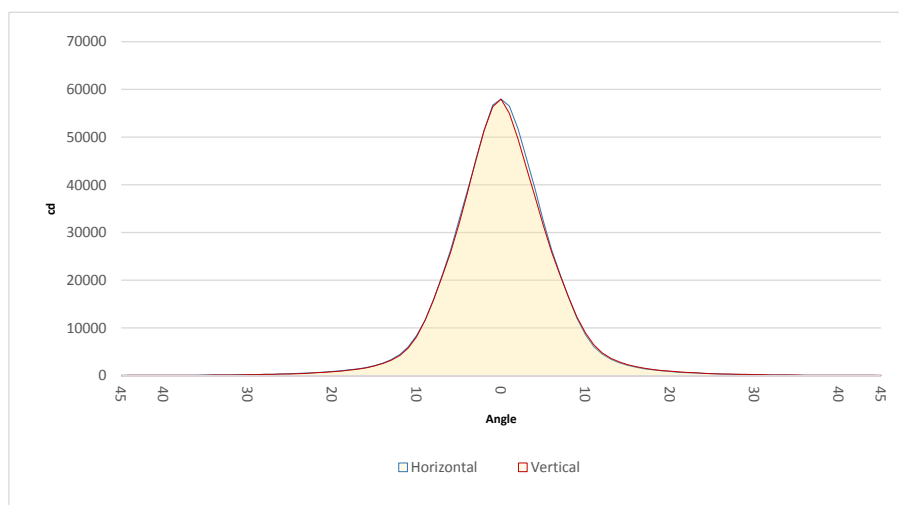
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## BEAM DETAILS



## 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
57954lx	14489lx	6439lx	3622lx	2318lx	1610lx	1183lx	906lx	715lx	580lx	479lx	402lx	343lx	296lx	258lx	226lx	201lx	179lx	161lx	145lx
5384,1fc	1346fc	598,2fc	336,5fc	215,4fc	149,6fc	109,9fc	84,1fc	66,5fc	53,8fc	44,5fc	37,4fc	31,9fc	27,5fc	23,9fc	21fc	18,6fc	16,6fc	14,9fc	13,5fc



BEAM ANGLE 50%	FIELD ANGLE 10%	CUTOFF ANGLE 3%
10,9°	22,3°	33,9°