

# Photometric Report

VDO Atomic Dot WRM - 60 Degree Diffuser

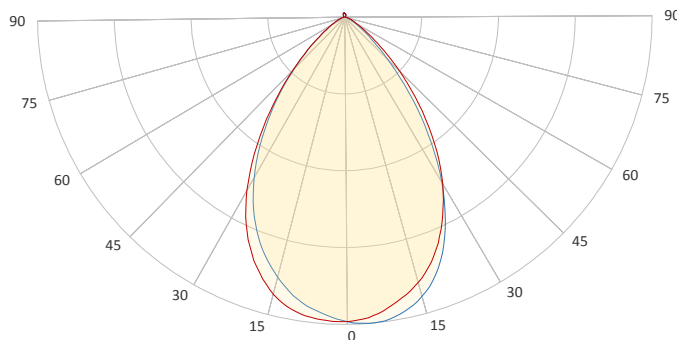
MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

## GENERAL SPECIFICATIONS

Total Fixture Output:	2700 lm
Total Steady Fixture Output:	1300 lm
Light Engine Steady Output:	2000 lm
Total Aura Backlight Output:	66 lm
Luminous Intensity:	2000 cd
Steady Luminous Intensity:	1000 cd
Efficacy:	60 lm/W
Lens Option:	60 Degree Diffuser
Zoom range:	70°
CRI:	84
Color Temperature:	2700 K



## MEASUREMENT

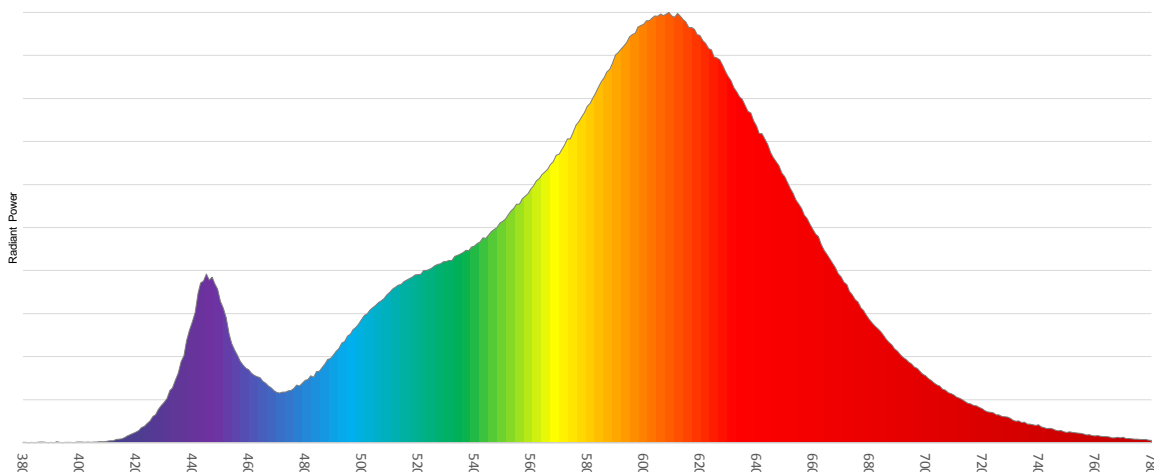


- Vertical - Horizontal

Catalog Number:	90357702
Measured Output:	2683 lm
Measured Steady Output:	1314 lm
Measured Luminous Intensity:	2049 cd
Measured Steady Luminous Intensity:	1003 cd
Consumed Power:	45,0 W
Efficacy:	59,6 lm/W
Beam Angle (50%):	69,3°
Field Angle (10%):	106°
Cutoff Angle (3%):	131,5°

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

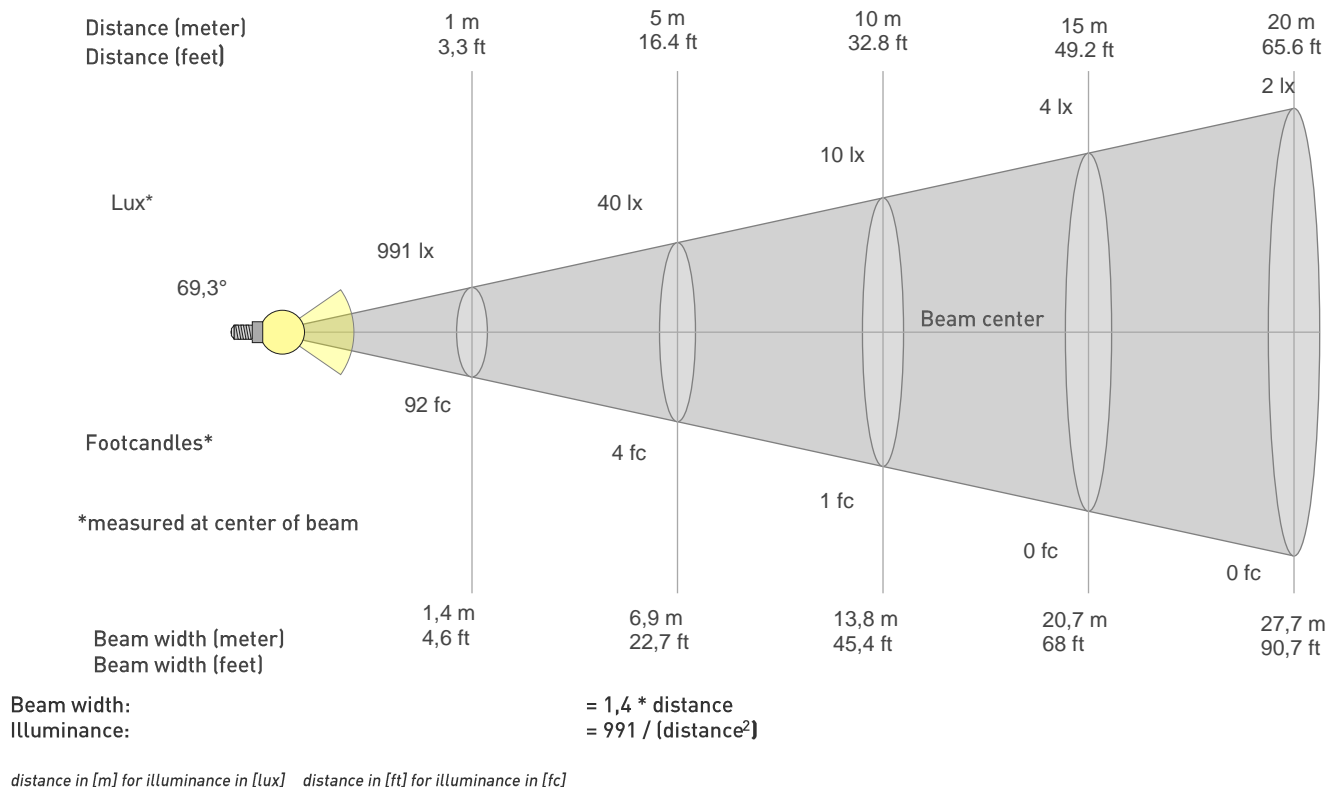
SPECTRAL DISTRIBUTION



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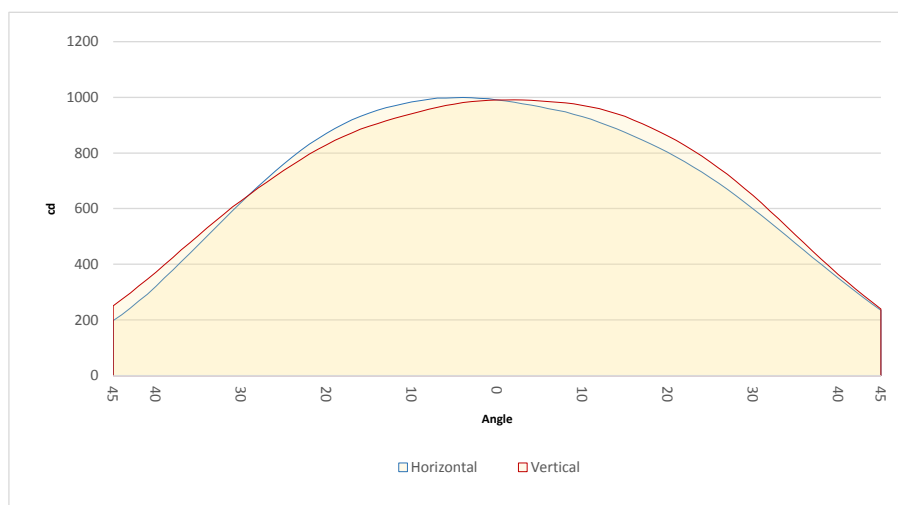
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### BEAM DETAILS



### 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
991lx	248lx	110lx	62lx	40lx	28lx	20lx	15lx	12lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx
92fc	23fc	10,2fc	5,8fc	3,7fc	2,6fc	1,9fc	1,4fc	1,1fc	0,9fc	0,8fc	0,6fc	0,5fc	0,5fc	0,4fc	0,4fc	0,3fc	0,3fc	0,3fc	0,2fc



BEAM ANGLE 50%	FIELD ANGLE 10%	CUTOFF ANGLE 3%
69,3°	106°	131,5°