

# Photometric Report

VDO Atomic Dot WRM - No Diffuser

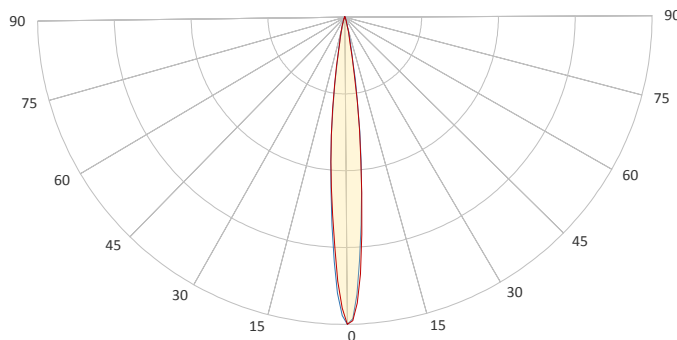
MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

## GENERAL SPECIFICATIONS

Total Fixture Output:	2850 lm
Total Steady Fixture Output:	1400 lm
Light Engine Steady Output:	2000 lm
Total Aura Backlight Output:	66 lm
Luminous Intensity:	50 kcd
Steady Luminous Intensity:	24 kcd
Efficacy:	63 lm/W
Lens Option:	No Diffuser
Zoom range:	11°
CRI:	84
Color Temperature:	2700 K



## MEASUREMENT

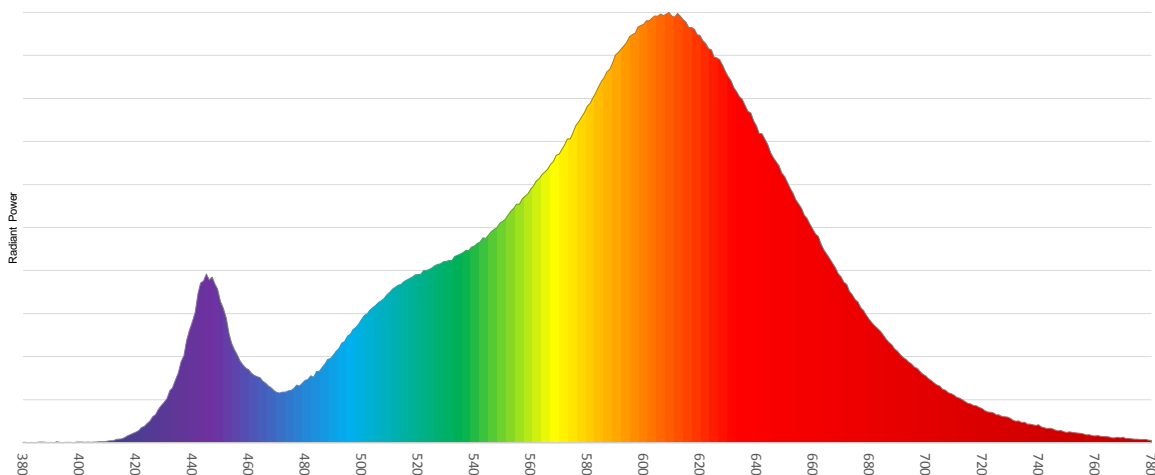


- Vertical - Horizontal

Catalog Number:	90357702
Measured Output:	2818 lm
Measured Steady Output:	1380 lm
Measured Luminous Intensity:	48356 cd
Measured Steady Luminous Intensity:	23675 cd
Consumed Power:	45,0 W
Efficacy:	62,6 lm/W
Beam Angle (50%):	11,4°
Field Angle (10%):	22,3°
Cutoff Angle (3%):	33,8°

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

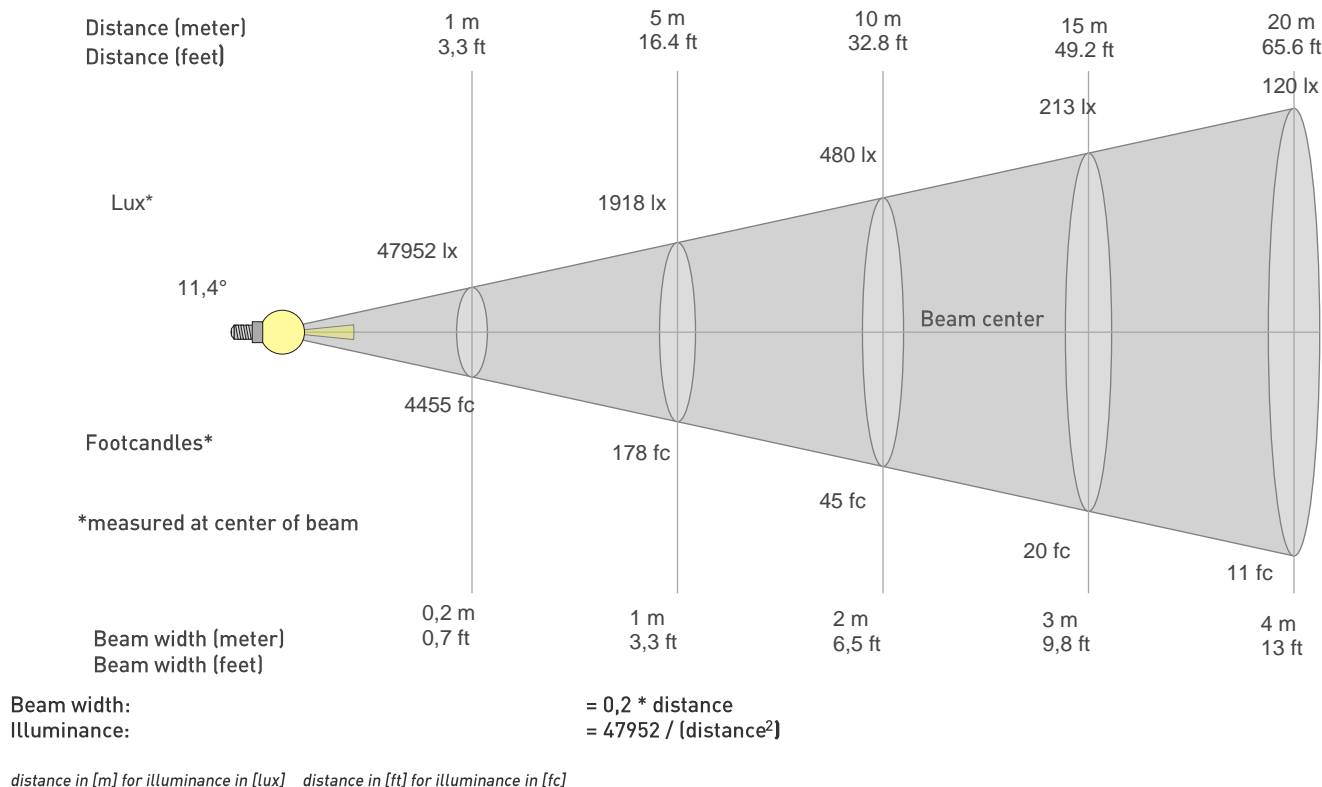
SPECTRAL DISTRIBUTION



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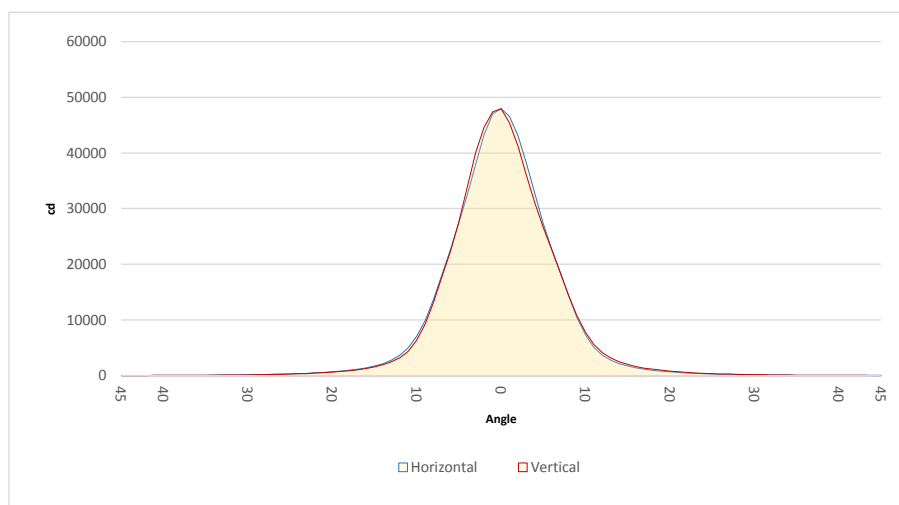
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## BEAM DETAILS



## 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
47952lx	11988lx	5328lx	2997lx	1918lx	1332lx	979lx	749lx	592lx	480lx	396lx	333lx	284lx	245lx	213lx	187lx	166lx	148lx	133lx	120lx
4454,9fc	1113,7fc	495fc	278,4fc	178,2fc	123,7fc	90,9fc	69,6fc	55fc	44,5fc	36,8fc	30,9fc	26,4fc	22,7fc	19,8fc	17,4fc	15,4fc	13,7fc	12,3fc	11,1fc



BEAM ANGLE 50%	FIELD ANGLE 10%	CUTOFF ANGLE 3%
11,4°	22,3°	33,8°