

# Photometric Report

VDO Atomic Dot WRM - 30 Degree Diffuser

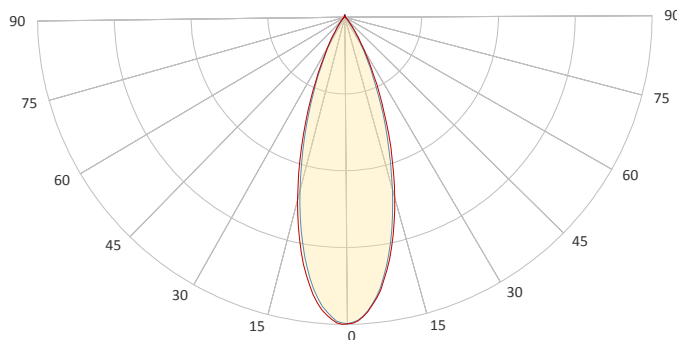
MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

## 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:	6500 cd
Steady Luminous Intensity:	3200 cd
Efficacy:	60 lm/W
Lens Option:	30 Degree Diffuser
Zoom range:	35°
CRI:	84
Color Temperature:	2700 K



## MEASUREMENT

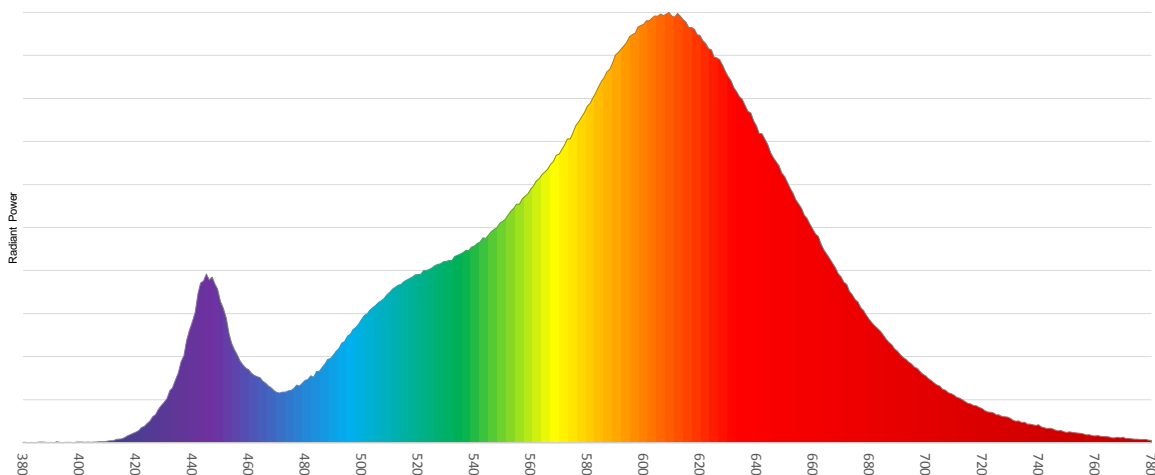


- Vertical - Horizontal

Catalog Number:	90357702
Measured Output:	2681 lm
Measured Steady Output:	1313 lm
Measured Luminous Intensity:	6487 cd
Measured Steady Luminous Intensity:	3178 cd
Consumed Power:	45,0 W
Efficacy:	59,6 lm/W
Beam Angle (50%):	34,6°
Field Angle (10%):	61,4°
Cutoff Angle (3%):	80°

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

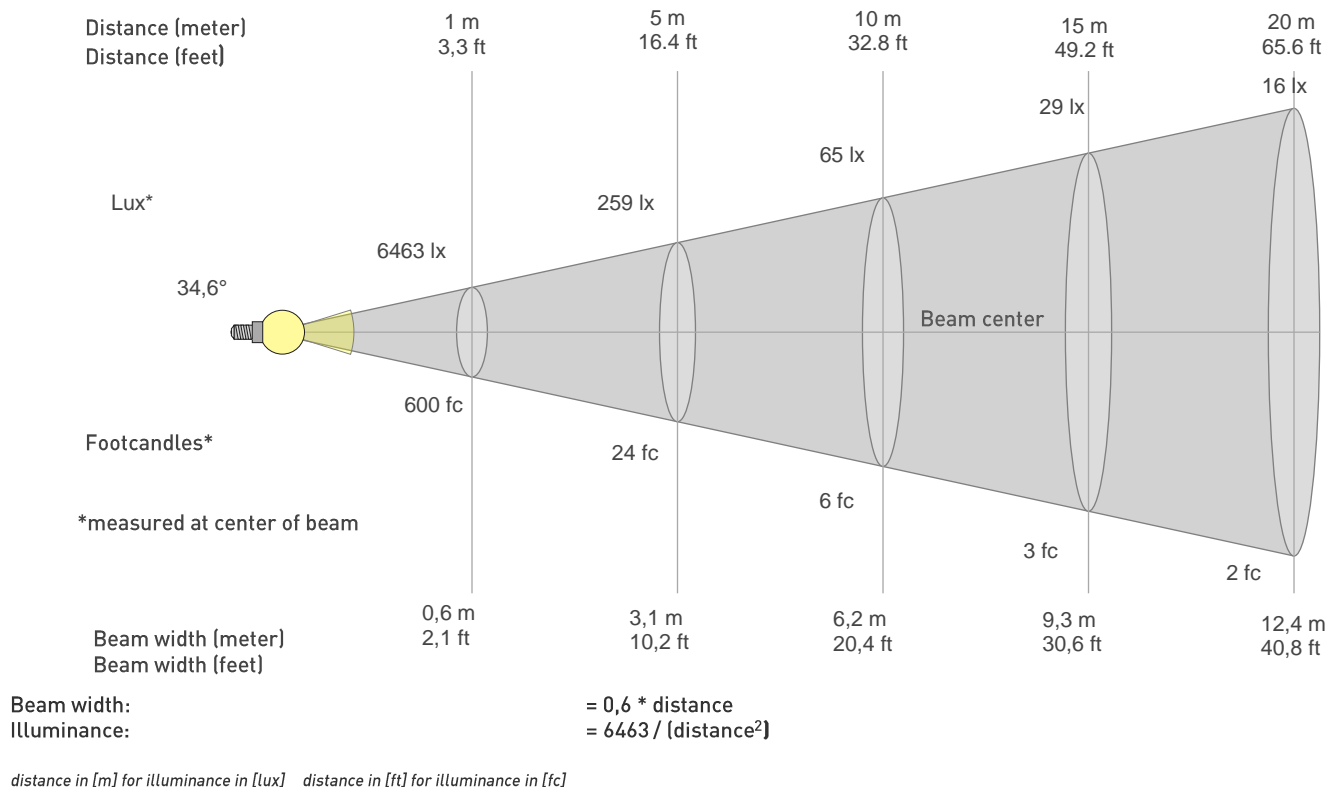
SPECTRAL DISTRIBUTION



# Photometric Report

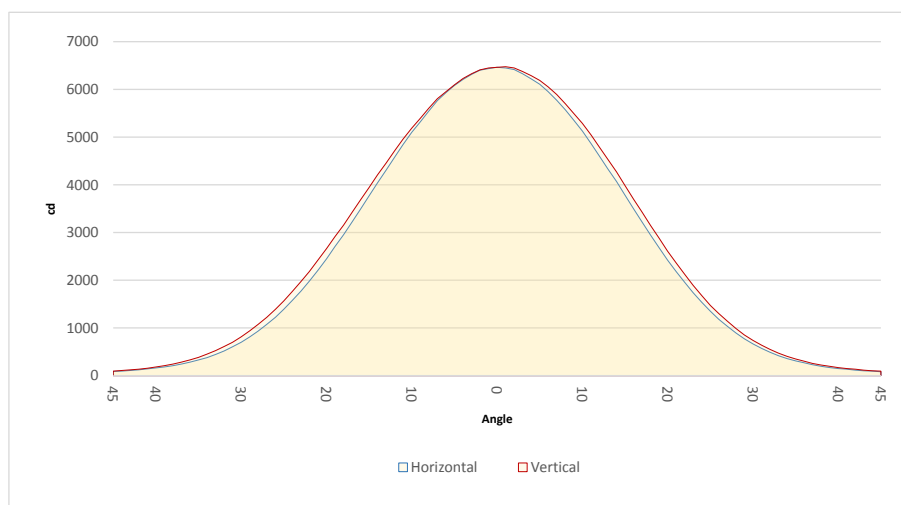
## VDO Atomic Dot WRM - 30 Degree Diffuser

### 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
6463lx	1616lx	718lx	404lx	259lx	180lx	132lx	101lx	80lx	65lx	53lx	45lx	38lx	33lx	29lx	25lx	22lx	20lx	18lx	16lx
600,4fc	150,1fc	66,7fc	37,5fc	24fc	16,7fc	12,3fc	9,4fc	7,4fc	6fc	5fc	4,2fc	3,6fc	3,1fc	2,7fc	2,3fc	2,1fc	1,9fc	1,7fc	1,5fc



BEAM ANGLE 50%	FIELD ANGLE 10%	CUTOFF ANGLE 3%
34,6°	61,4°	80°