

# Photometric Report

VDO Atomic Dot CLD - 30 Degree Diffuser

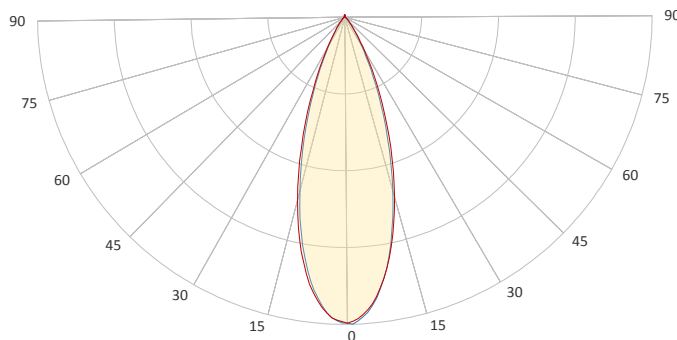
MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

## 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:	7500 cd
Steady Luminous Intensity:	3600 cd
Efficacy:	70 lm/W
Lens Option:	30 Degree Diffuser
Zoom range:	35°
CRI:	80
Color Temperature:	5700 K



## MEASUREMENT

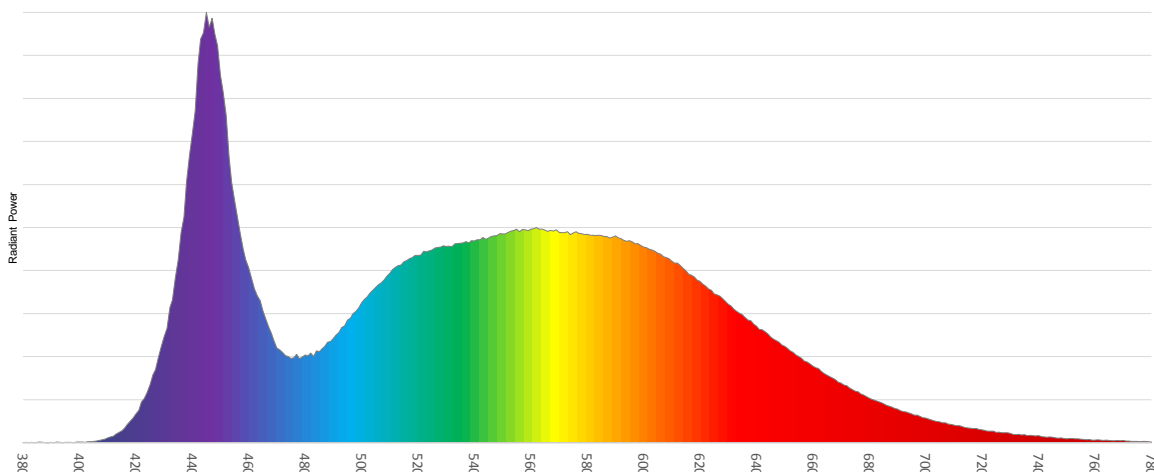


- Vertical - Horizontal

Catalog Number:	90357701
Measured Output:	3154 lm
Measured Steady Output:	1499 lm
Measured Luminous Intensity:	7566 cd
Measured Steady Luminous Intensity:	3595 cd
Consumed Power:	45,0 W
Efficacy:	70,1 lm/W
Beam Angle (50%):	34,8°
Field Angle (10%):	61,7°
Cutoff Angle (3%):	80,9°

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

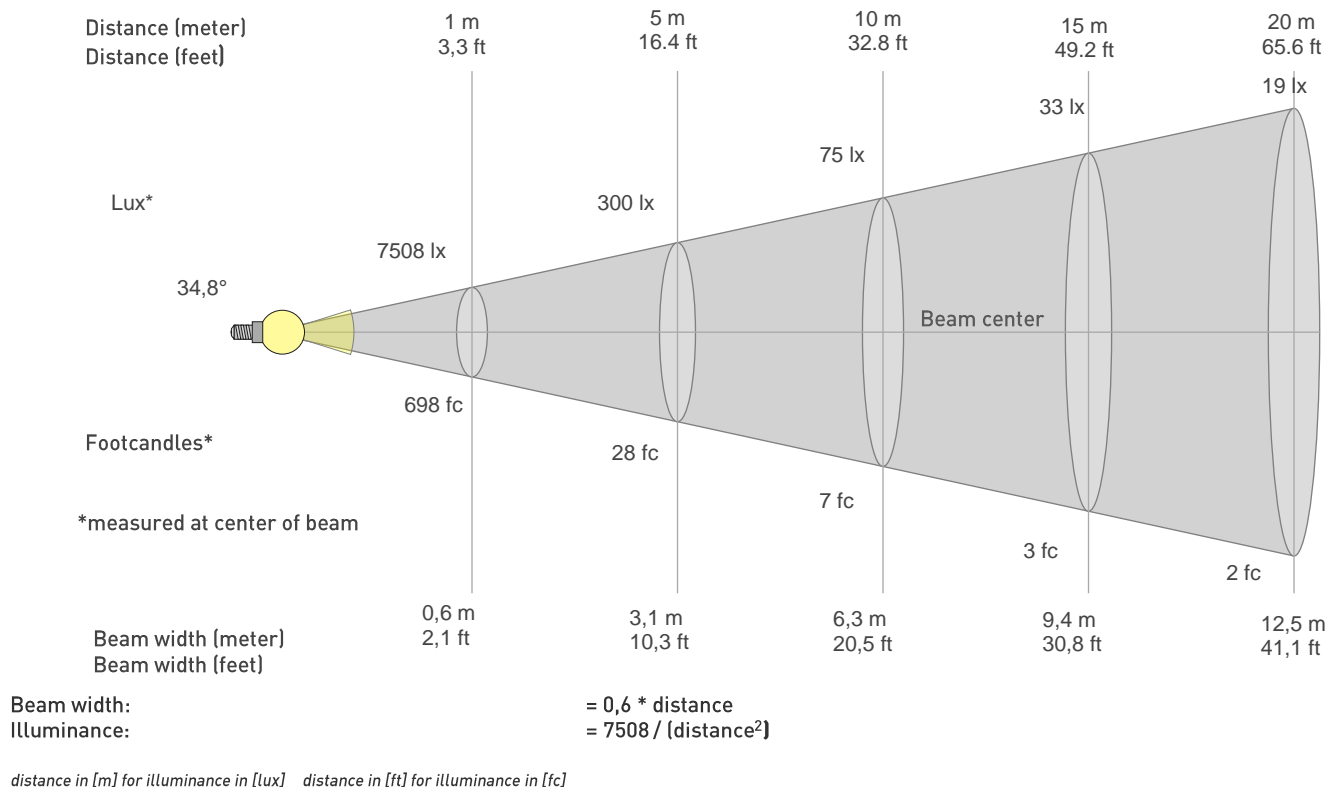
SPECTRAL DISTRIBUTION



# Photometric Report

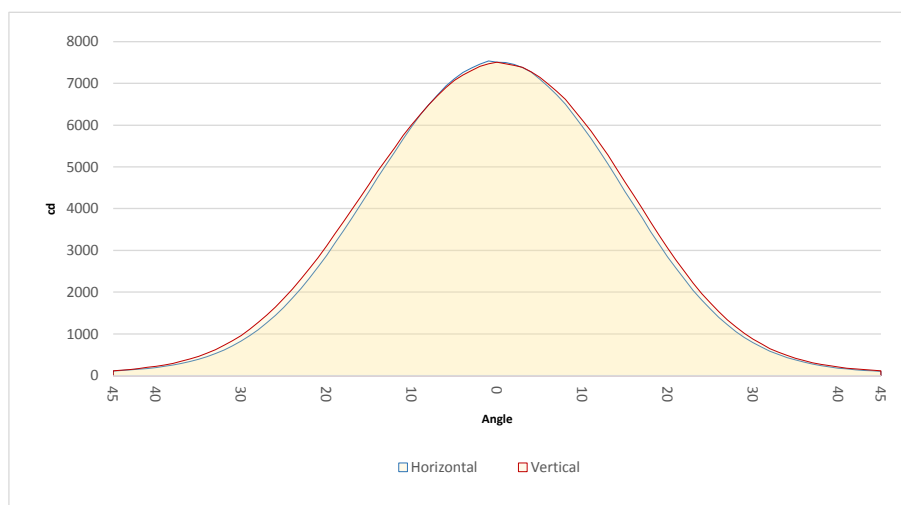
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### BEAM DETAILS



### 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
7508lx	1877lx	834lx	469lx	300lx	209lx	153lx	117lx	93lx	75lx	62lx	52lx	44lx	38lx	33lx	29lx	26lx	23lx	21lx	19lx
697,5fc	174,4fc	77,5fc	43,6fc	27,9fc	19,4fc	14,2fc	10,9fc	8,6fc	7fc	5,8fc	4,8fc	4,1fc	3,6fc	3,1fc	2,7fc	2,4fc	2,2fc	1,9fc	1,7fc



BEAM ANGLE 50%	FIELD ANGLE 10%	CUTOFF ANGLE 3%
34,8°	61,7°	80,9°