

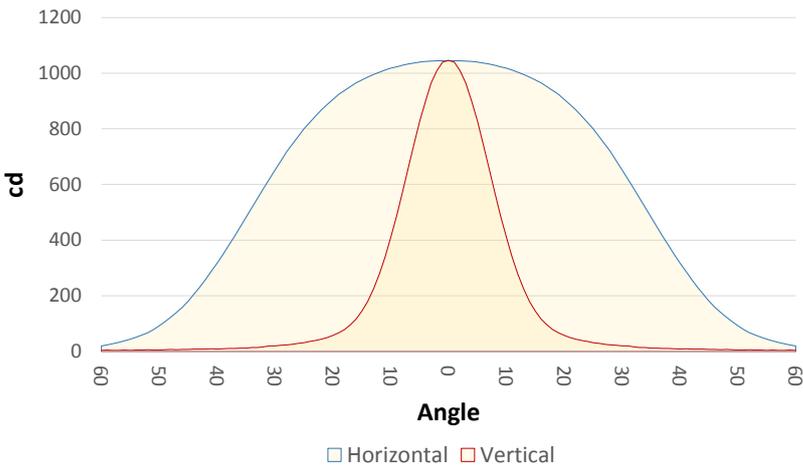
Martin Professional R&D Optical Laboratory, 22-May-18 14:22:33

General Specifications:

Typical Max. Fixture Output:	515 lm
Typical Max. Peak:	1235 cd
Typical Max. Efficacy:	34 lumen/watt
Beam Configuration:	Asymmetric
CRI:	73+
Color Temperature:	Variable



Measurement

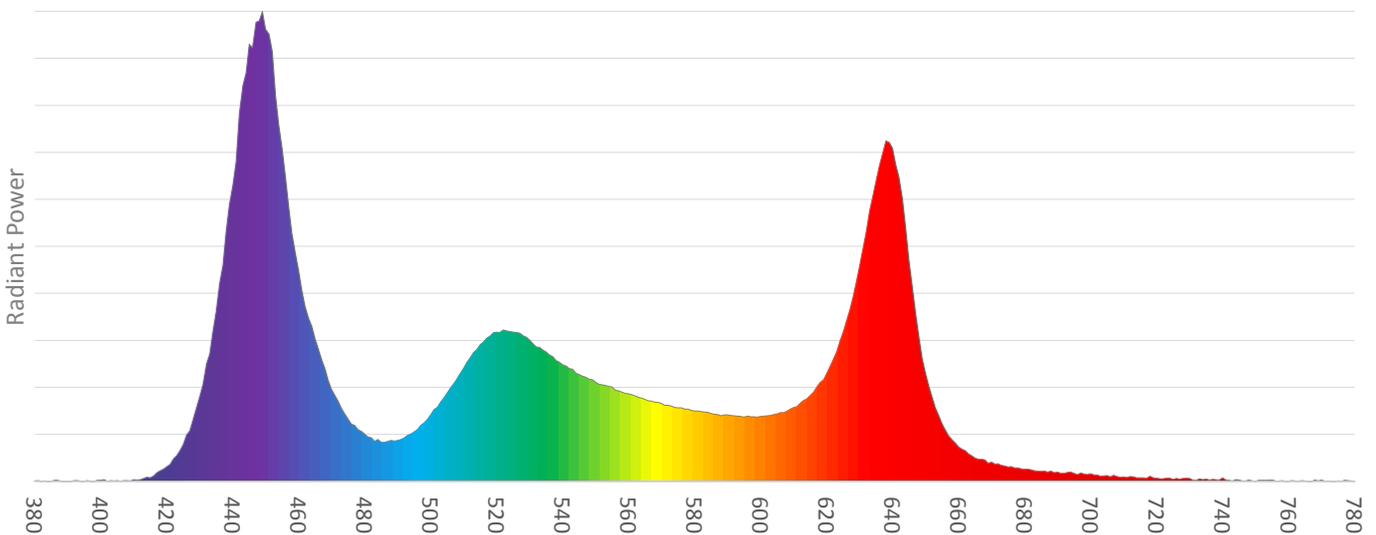


Catalog Number:	90356992
Measured Output:	437 lm
Measured Peak:	1048 cd
Consumed Power:	18.7 W
Efficacy:	23.4 lm/watt

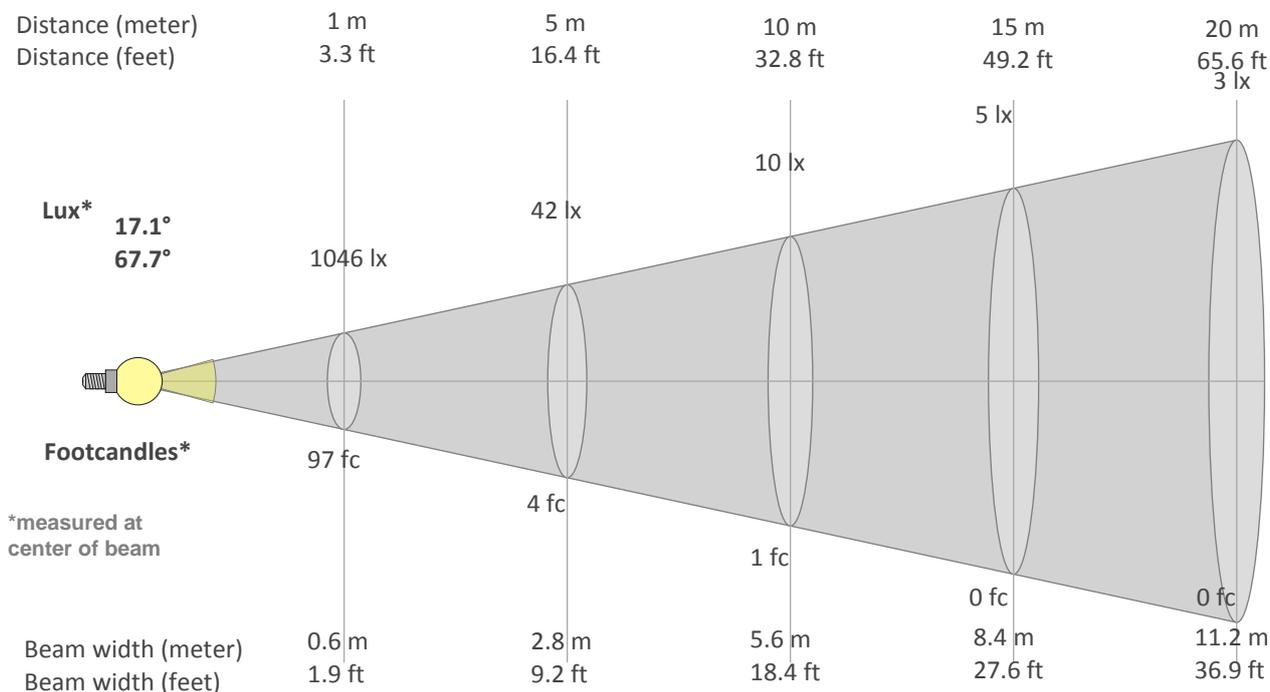
Beam Angle (50%):	17.1°/67.7°
Field Angle (10%):	33°/98.3°
Cutoff Angle (3%):	53.6°/116.7°

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

Spectral distribution



Beam Details



Calculation of beam diameter and luminous intensity

Half-peak diameter = 0.6 x distance

Illuminance = 1046 / (distance²)

*distance in [m] for illuminance in [lux]
 distance in [ft] for illuminance in [fc]*

Measurements are performed according to CIE S:025 / EN13032-4.