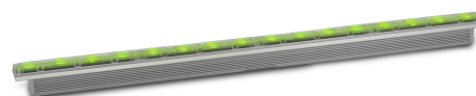


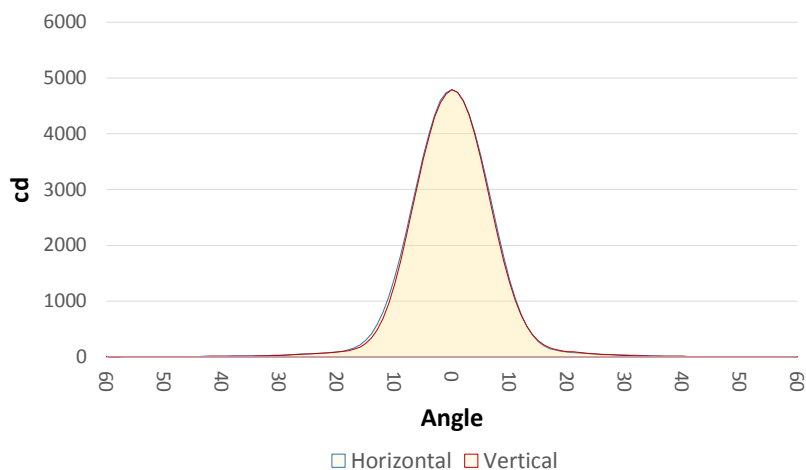
Martin Professional R&D Optical Laboratory, 22-May-18 14:19:14

### General Specifications:

Typical Max. Fixture Output:	2060 lm
Typical Max. Peak:	22595 cd
Typical Max. Efficacy:	34 lumen/watt
Beam Configuration:	Narrow
CRI:	73+
Color Temperature:	Variable



### Measurement

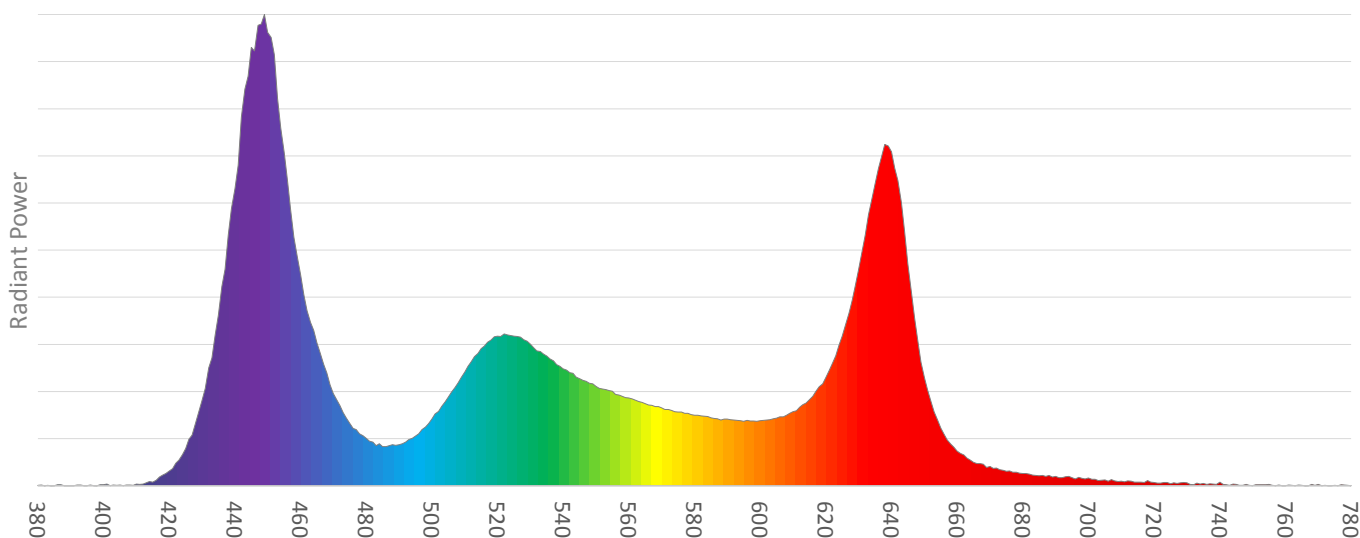


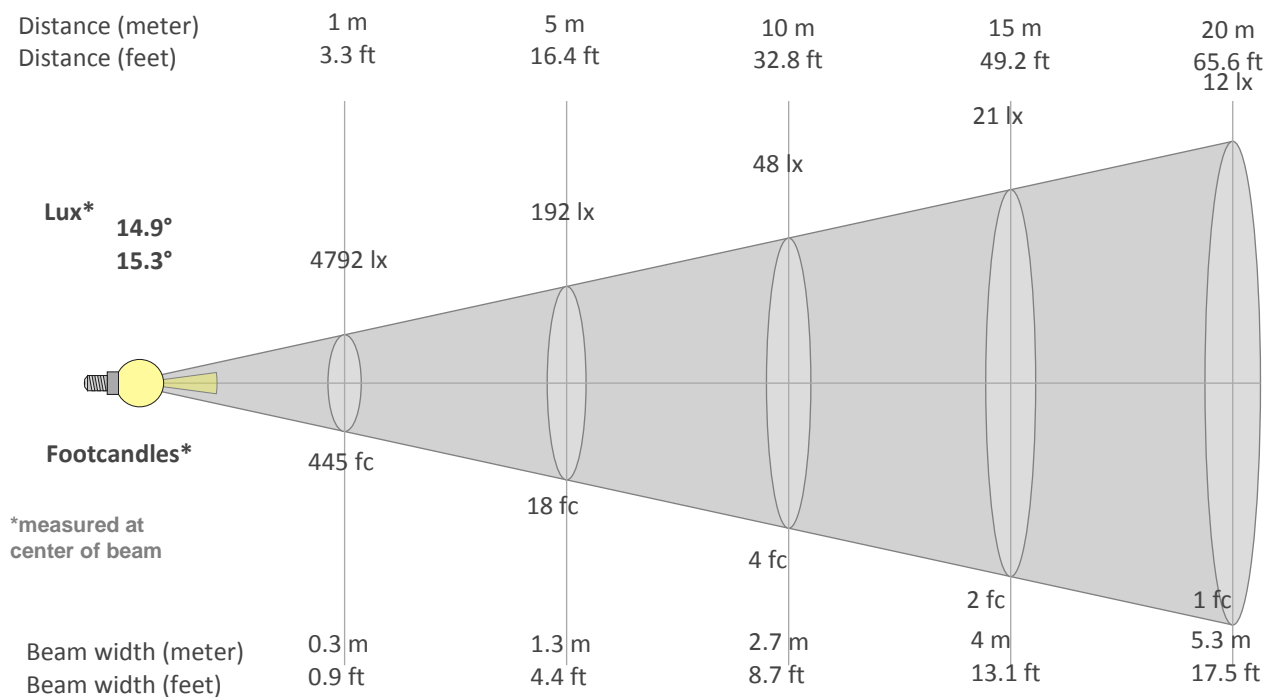
Catalog Number:	90356993
Measured Output:	1748 lm
Measured Peak:	4798 cd
Consumed Power:	74.0 W
Efficacy:	23.6 lm/watt

Beam Angle (50%):	14.9°/15.3°
Field Angle (10%):	26.5°/27°
Cutoff Angle (3%):	36.1°/36.3°

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

### Spectral distribution





### Calculation of beam diameter and luminous intensity

Half-peak diameter = 0.3 x distance

Illuminance =  $4792 / (\text{distance}^2)$

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

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

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