

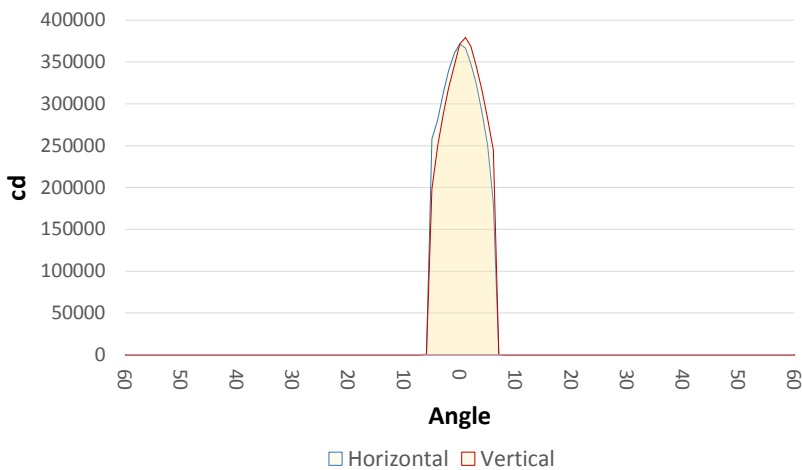
Martin Professional R&D Optical Laboratory

General Specifications:

Typical Max. Fixture Output:	9500 lm
Typical Max. Peak:	370 kcd
Typical Max. Efficacy:	30 lumen/watt
Beam Configuration:	N/A
CRI:	74
Color Temperature:	6500 K



Measurement

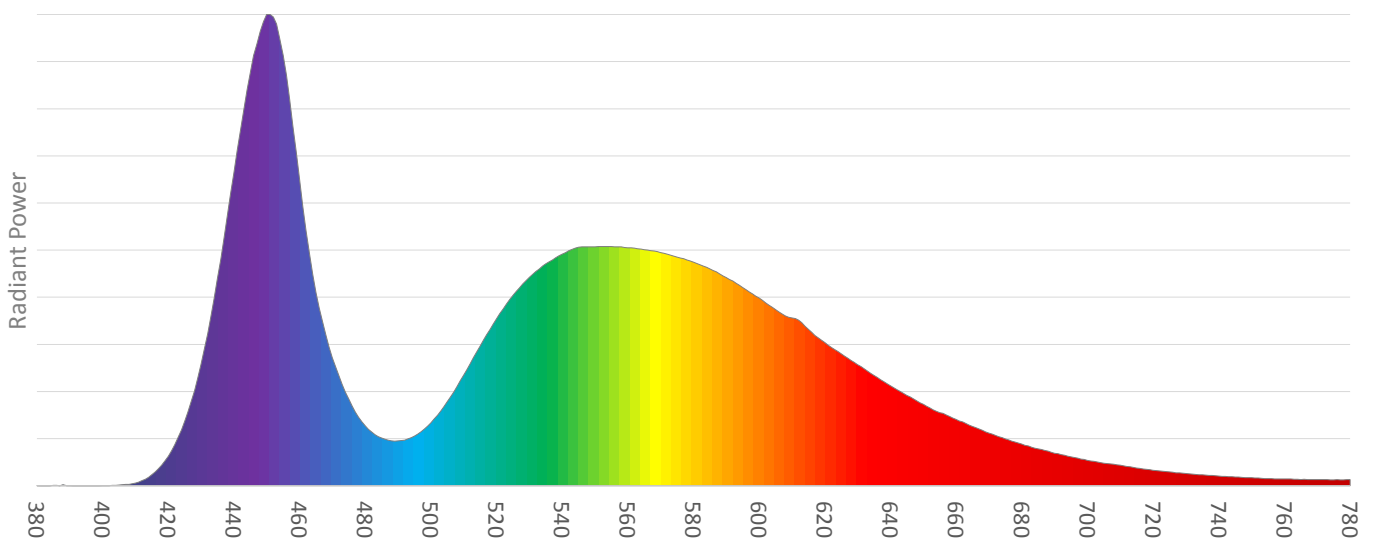


Catalog Number:	9025109547
Measured Output:	9695 lm
Measured Peak:	379309 cd
Consumed Power:	314 W
Efficacy:	30.9 lm/watt

Beam Angle (50%):	11.3°/11.2°
Field Angle (10%):	12.7°/12.7°
Cutoff Angle (3%):	12.9°/12.9°

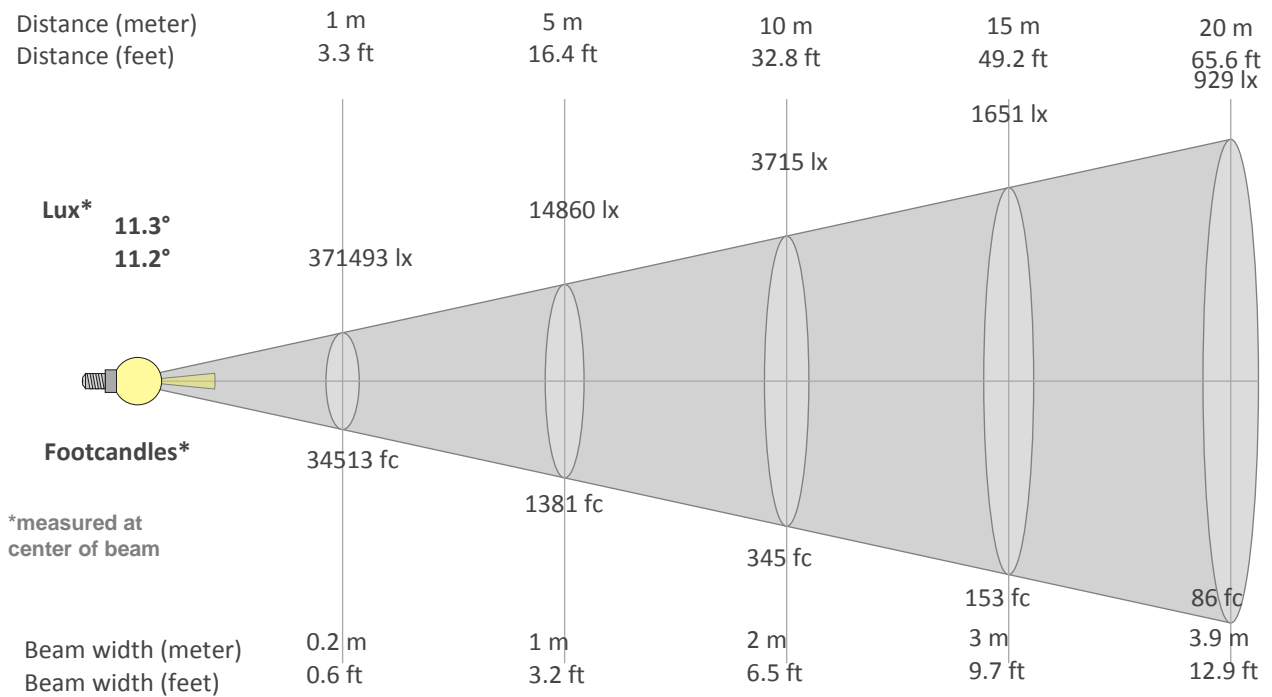
Measurement Condition:	
Ambient Temperature:	25 +/- 5 °C
AC Supply:	230V/50Hz

Spectral distribution



Beam Details

ERA300 @ Narrow



Calculation of beam diameter and luminous intensity

Half-peak diameter = 0.2 x distance

Illuminance = 371493 / (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.