Photometric Report

Exterior Linear 310 QUAD Cove @ RGBW@100%

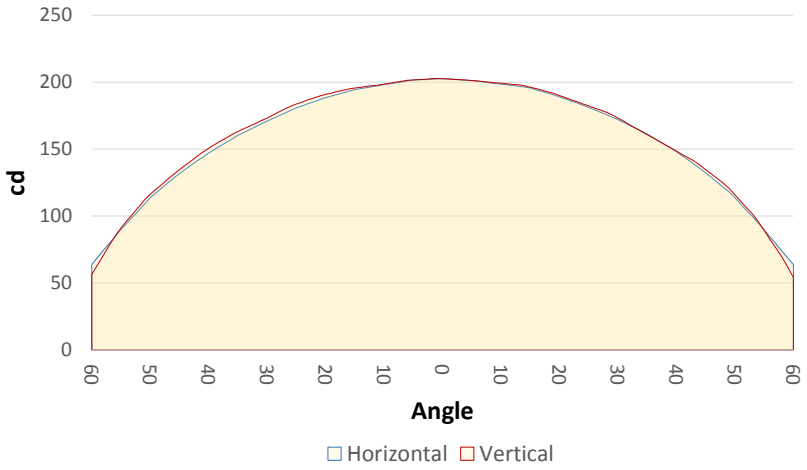
Martin Professional R&D Optical Laboratory, 22-May-18 14:15:47

General Specifications:

Typical Max. Fixture Output:	579 lm
Typical Max. Peak:	239 cd
Typical Max. Efficacy:	38 lumen/watt
Beam Configuration:	Cove
CRI:	73+
Color Temperature:	Variable

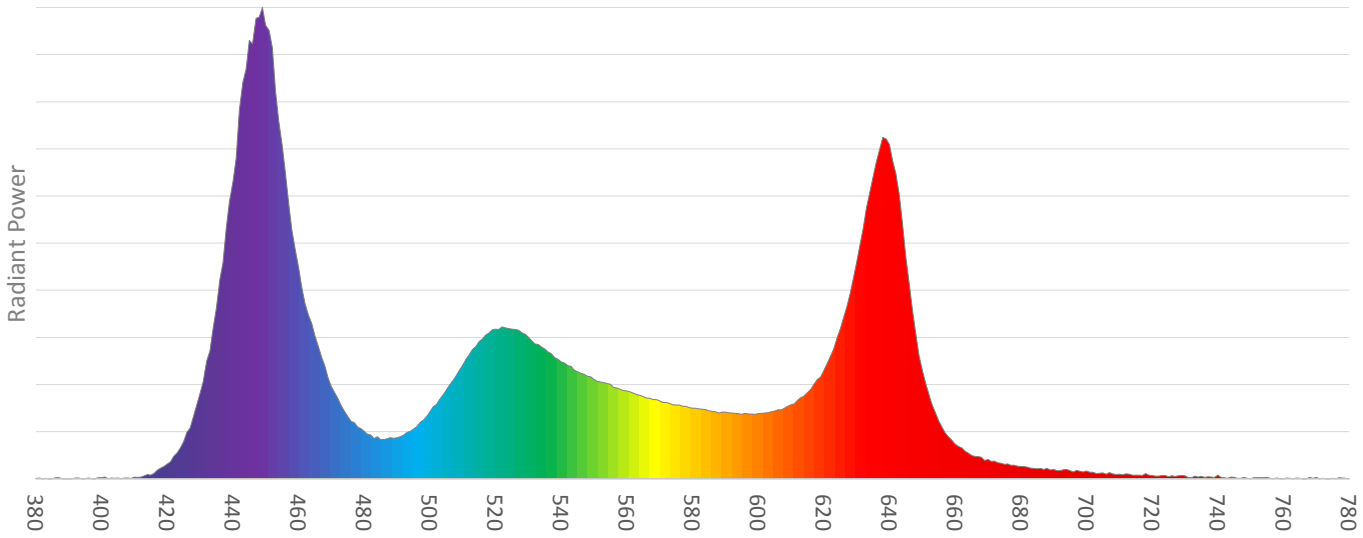


Measurement



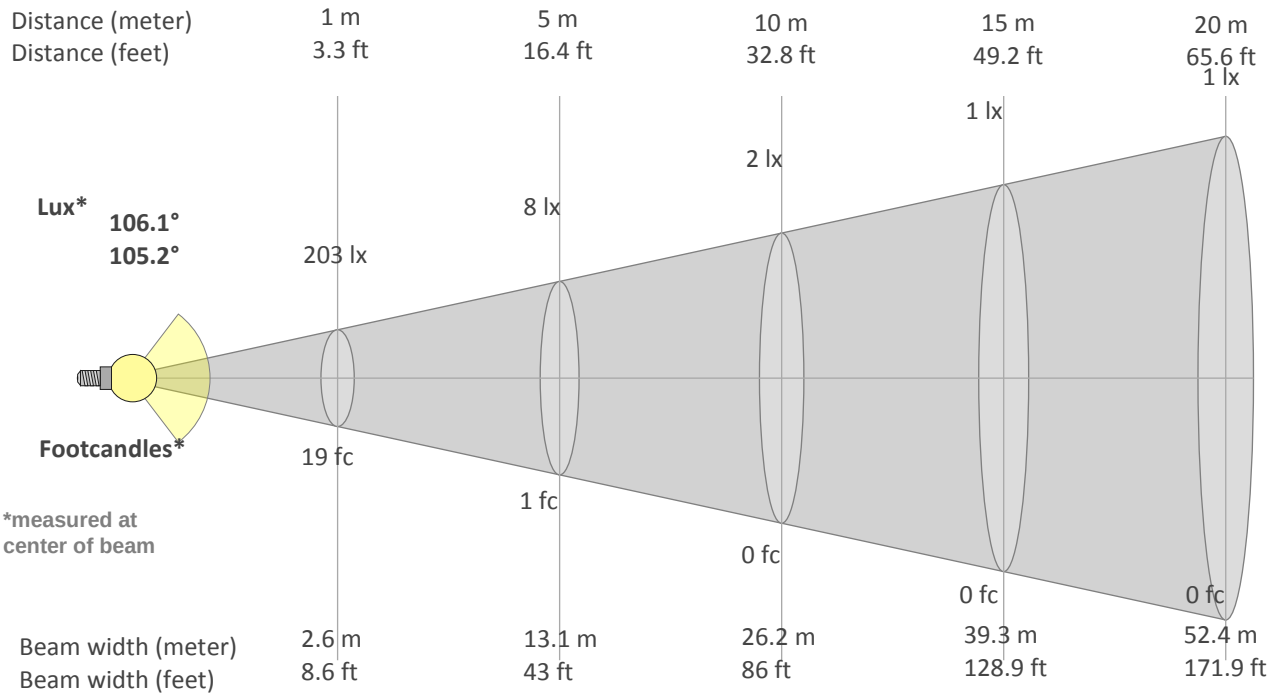
Catalog Number:	90356997
Measured Output:	491 lm
Measured Peak:	203 cd
Consumed Power:	18.7 W
Efficacy:	26.3 lm/watt
Beam Angle (50%):	106.1˚/105.2˚
Field Angle (10%):	129.9˚/138.4˚
Cuttoff Angle (3%):	137.8˚/156.1˚
Measurement Condition:	
Ambient Temperature:	25 +/- 5 ˚C
AC Supply:	230V/50Hz

Spectral distribution



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Calculation of beam diameter and luminous intensity

Half-peak diameter	=	2.6 x distance
Illuminance	=	203 / (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.

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