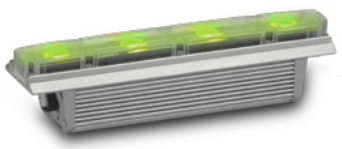
Photometric Report

Exterior Linear 310 QUAD Graze Asymmetric @ Max

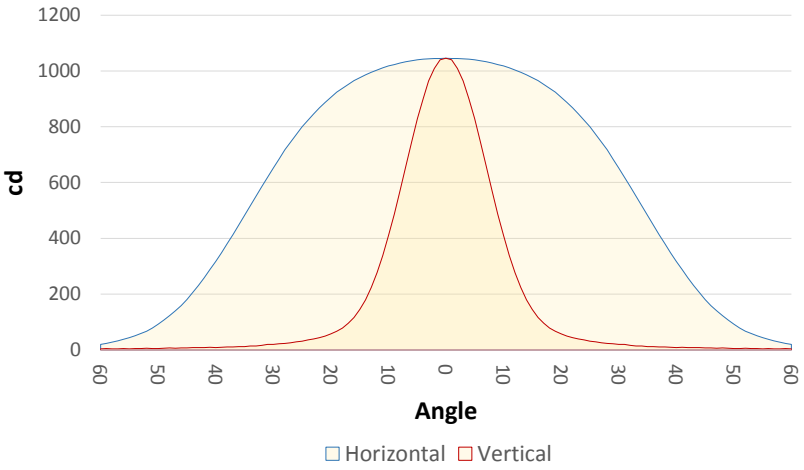
Martin Professional R&D Optical Laboratory, 22-May-18 11:31:24

General Specifications:

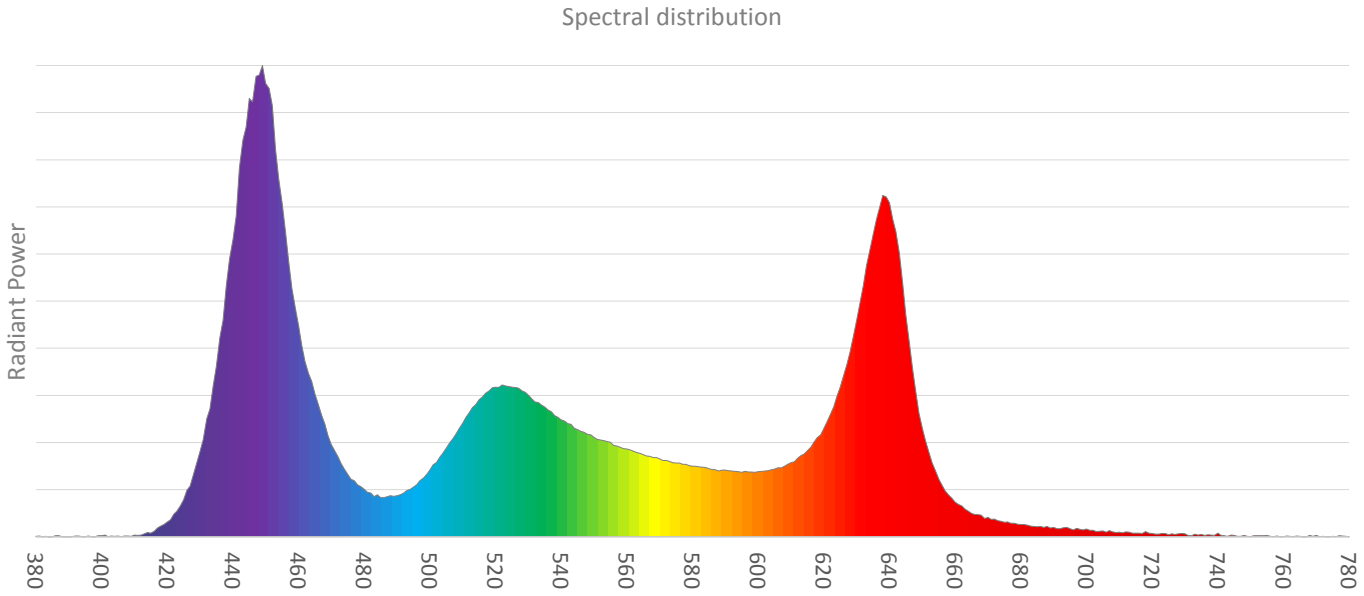
Typical Max. Fixture Output:	515 lm
Typical Max. Peak:	1235 cd
Typical Max. Efficacy:	34 lumen/watt
Beam Configuration:	Asymmetric
CRI:	73+
Color Temperature:	Variable



Measurement



Catalog Number:	90356992
Measured Output:	515 lm
Measured Peak:	1048 cd
Consumed Power:	18.7 W
Efficacy:	27.5 lm/watt
Beam Angle (50%):	17.1˚/67.7˚
Field Angle (10%):	33˚/98.3˚
Cuttoff Angle (3%):	53.6˚/116.7˚
Measurement Condition:	
Ambient Temperature:	25 +/- 5 ˚C
AC Supply:	230V/50Hz



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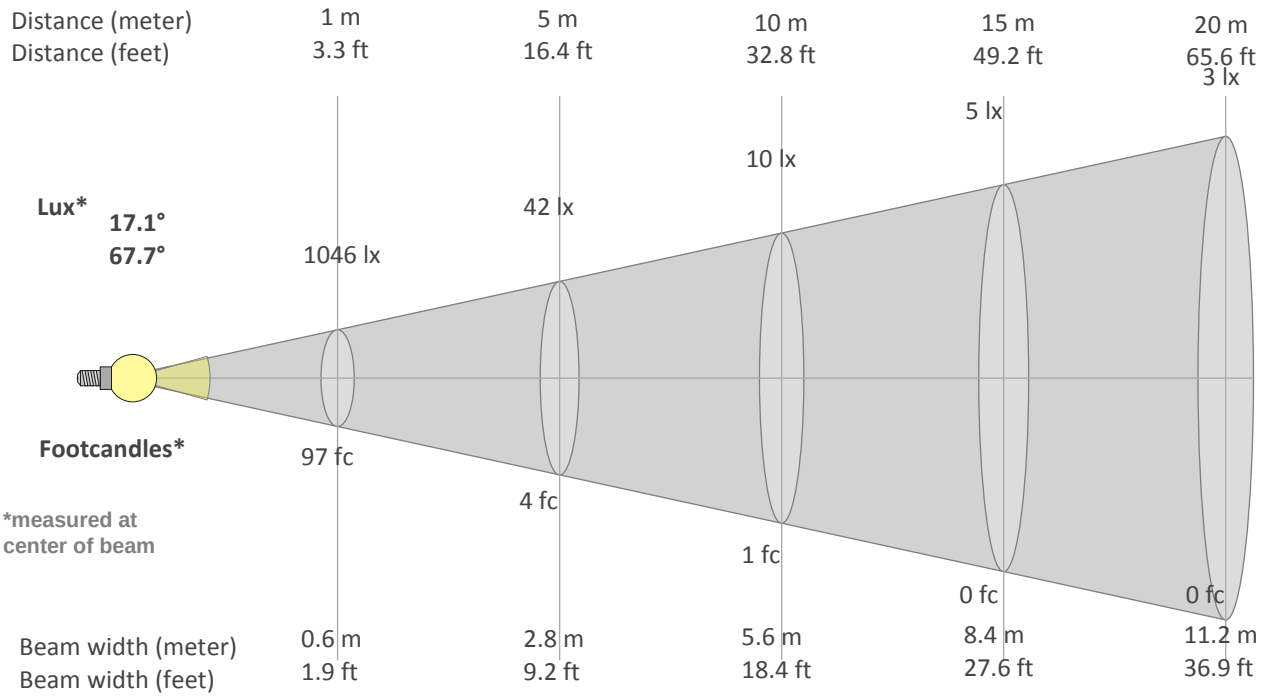

Calculation of beam diameter and luminous intensity

Half-peak diameter	=	0.6 x distance
Illuminance	=	1046 / (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.