# Photometric Report

## Exterior Linear 310 QUAD Cove @ Max

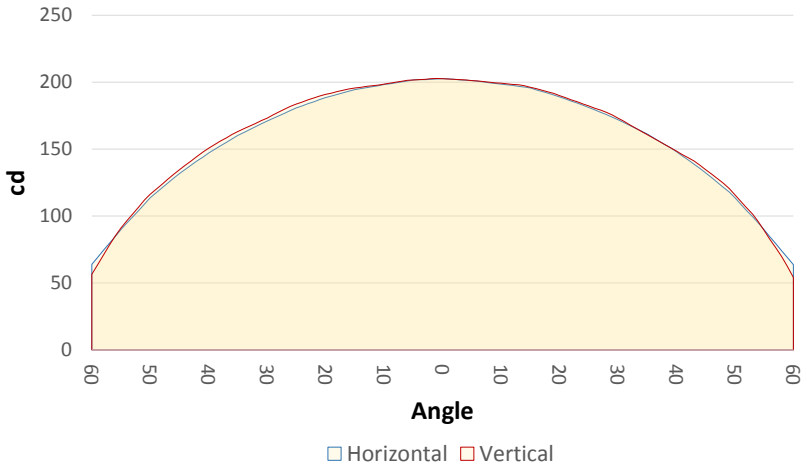
*Martin Professional R&D Optical Laboratory, 22-May-18 10:35:09*

### General Specifications:

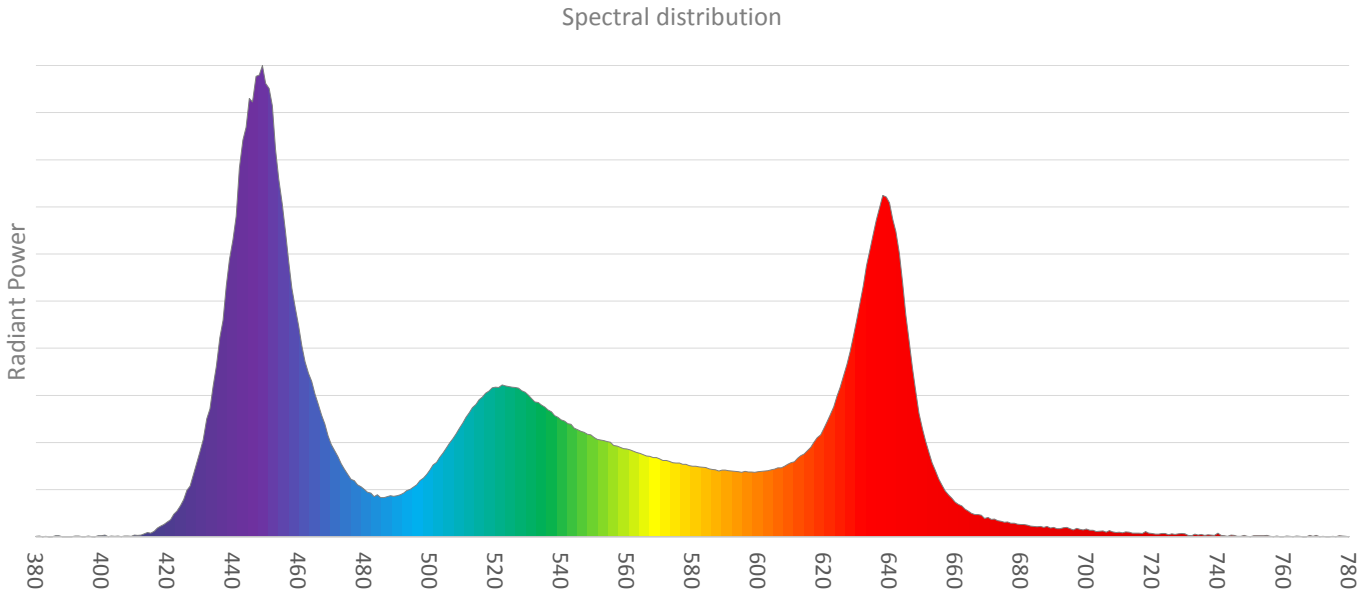
| | |
|---|---|
| Typical Max. Fixture Output: | 579 lm |
| Typical Max. Peak: | 239 cd |
| Typical Max. Efficacy: | 38 lumen/watt |
| Beam Configuration: | Cove |
| CRI: | 73+ |
| Color Temperature: | Variable |



## Measurement

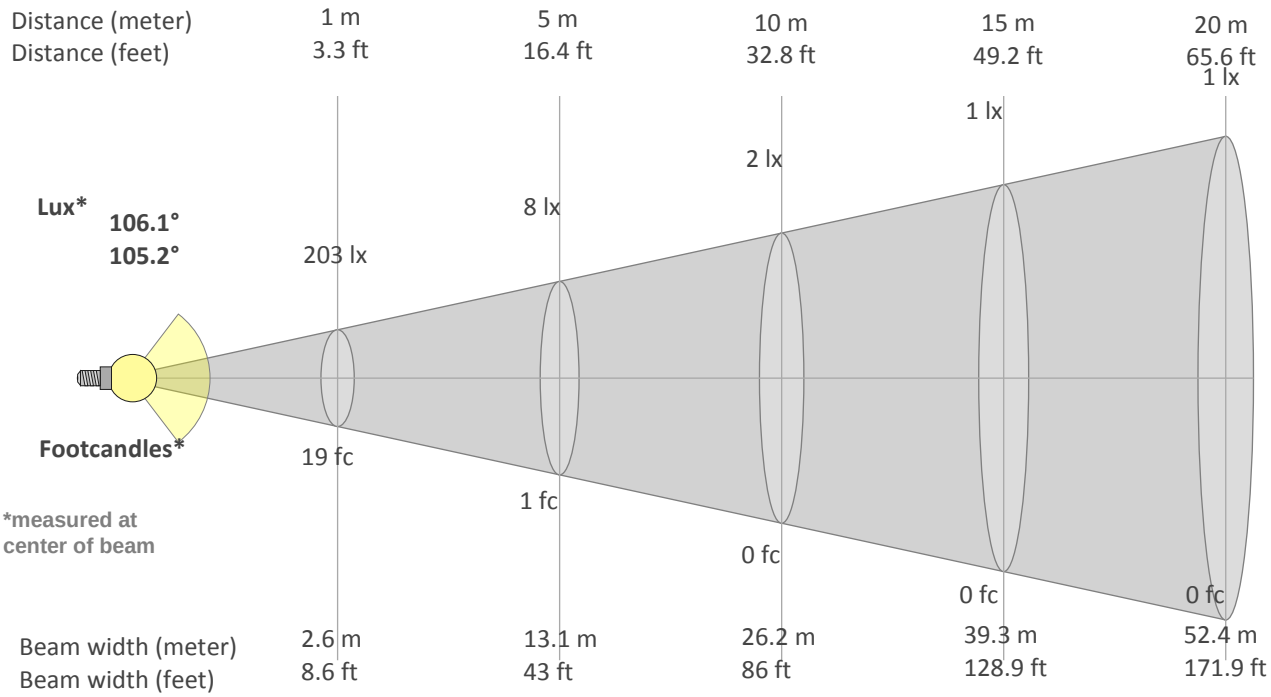



| | |
|---|---|
| Catalog Number: | 90356997 |
| Measured Output: | 579 lm |
| Measured Peak: | 203 cd |
| Consumed Power: | 18.7 W |
| Efficacy: | 31.0 lm/watt |
| Beam Angle (50%): | 106.1˚/105.2˚ |
| Field Angle (10%): | 129.9˚/138.4˚ |
| Cuttoff Angle (3%): | 137.8˚/156.1˚ |
| Measurement Condition: | |
| Ambient Temperature: | 25 +/- 5 ˚C |
| AC Supply: | 230V/50Hz |




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# Exterior Linear 310 QUAD Cove @ Max




## 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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