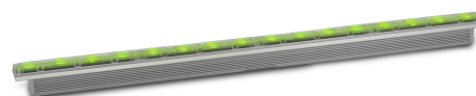


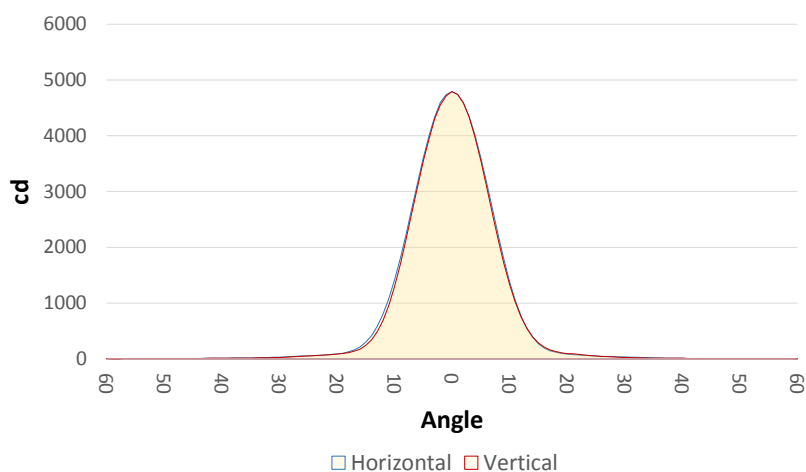
Martin Professional R&D Optical Laboratory, 22-May-18 11:09:30

### 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

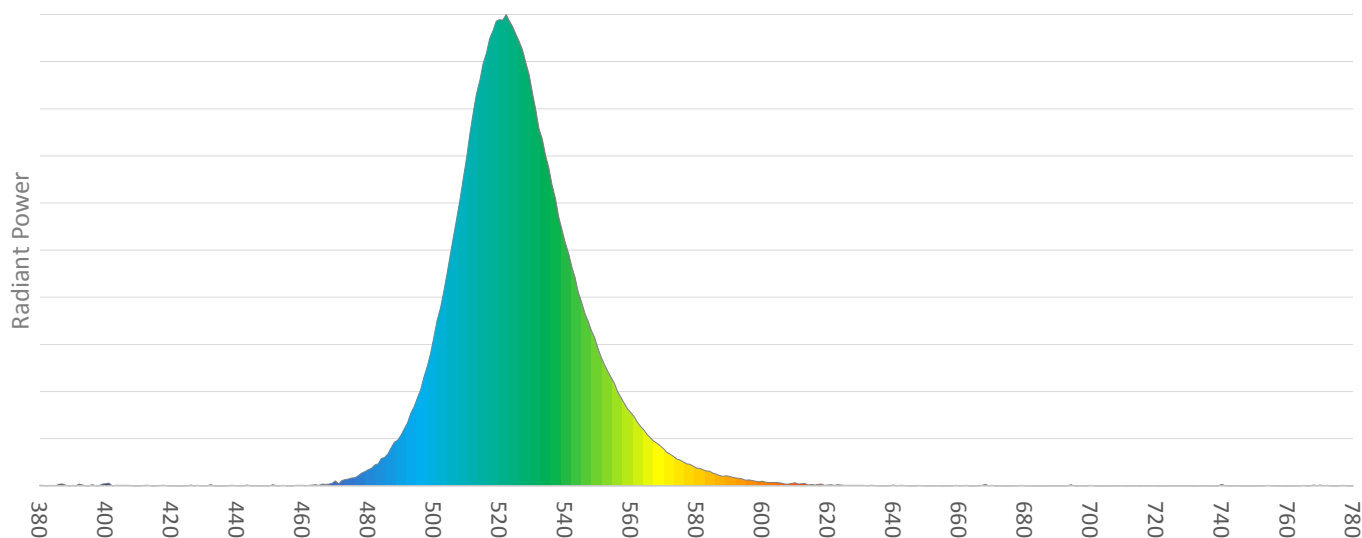


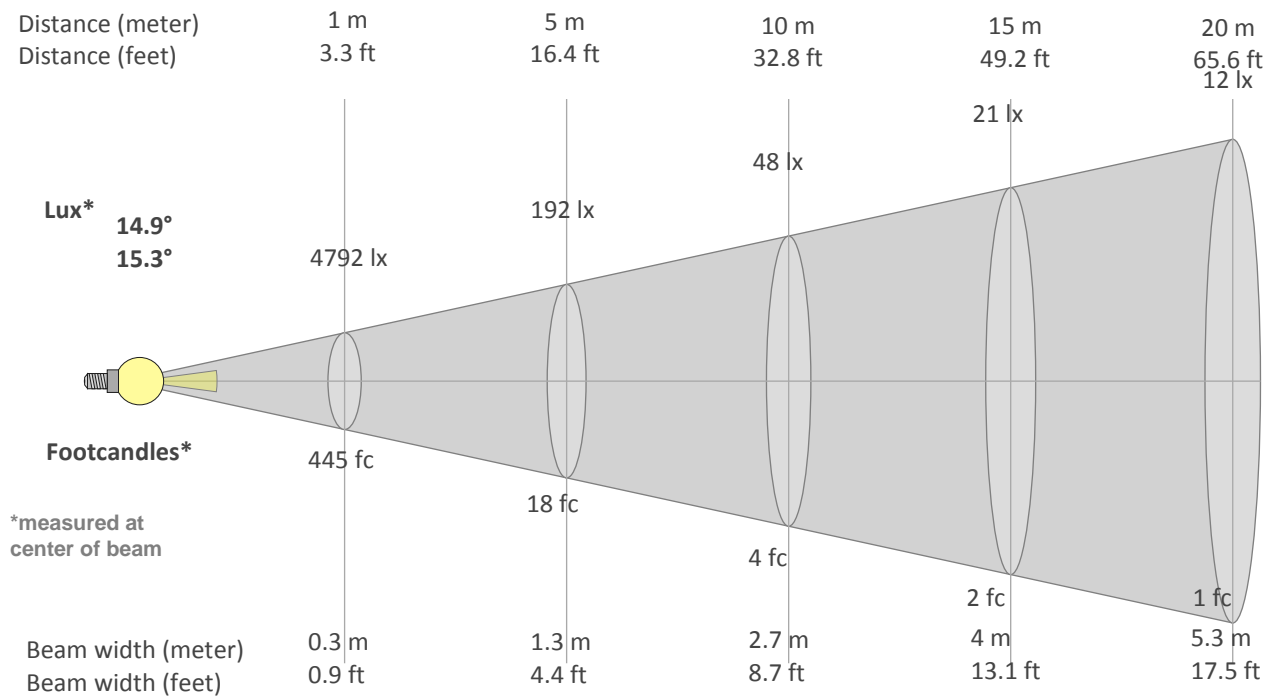
|                  |              |
|------------------|--------------|
| Catalog Number:  | 90356993     |
| Measured Output: | 1260 lm      |
| Measured Peak:   | 4798 cd      |
| Consumed Power:  | 57.9 W       |
| Efficacy:        | 21.8 lm/watt |

|                    |             |
|--------------------|-------------|
| 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.