

# MOD HEX100



## Light Efficiency:

5 Lumen/Watt

## Dominant Wavelength:

456 nm

## Output:

109 lm

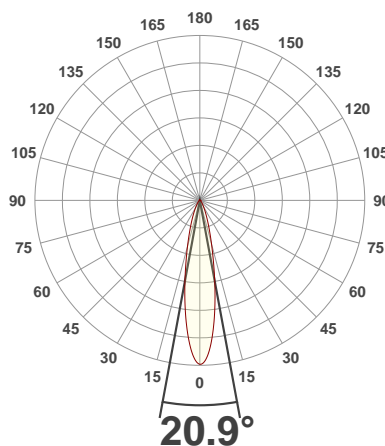
## Power:

22.6 W

## Peak:

462 cd

## Beam Angle



Test:

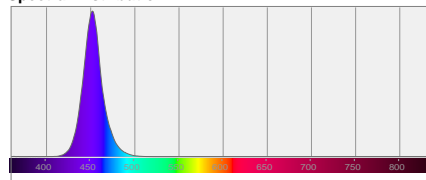
20Deg Blue

Date:

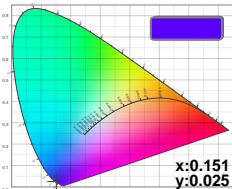
11/20/2018

Note:

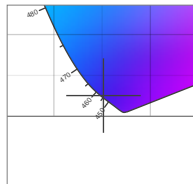
## Spectral Distribution



## Color Coordinates



## Zoom Color Point



Distance (meter)

Distance (feet)

1

3.3

3

9.8

5

16.4

7

22.9

10

32.8

Lux\*

20.9°

Foot Candles\*

\*measured at  
center of beam

Beam Width (meter)

Beam Width (feet)

0.4

1.2

1.1

3.6

1.8

6.1

2.6

8.5

3.7

12.1

| Beam Angle 50% | Field Angle 10% | Cutoff Angle 2,5% | Intensity Ratio in 120° Cone | Intensity Ratio in 90° Cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 20.9°          | 47.2°           | 75.5°             | 97.1%                        | 91.7%                       |

## Beam Intensities from 1-20m

| m   | 1    | 2    | 3   | 4    | 5    | 6    | 7   | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   |
|-----|------|------|-----|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ft  | 3.3  | 6.6  | 9.8 | 13.1 | 16.4 | 19.7 | 23  | 26.2 | 29.5 | 32.8 | 36.1 | 39.4 | 42.7 | 45.9 | 49.2 | 52.5 | 55.8 | 59.1 | 62.3 | 65.6 |
| lx  | 462  | 115  | 51  | 29   | 18   | 13   | 9   | 7    | 6    | 5    | 4    | 3    | 3    | 2    | 2    | 2    | 2    | 1    | 1    | 1    |
| fcd | 42.9 | 10.7 | 4.8 | 2.7  | 1.7  | 1.2  | 0.9 | 0.7  | 0.5  | 0.4  | 0.4  | 0.3  | 0.3  | 0.2  | 0.2  | 0.2  | 0.1  | 0.1  | 0.1  | 0.1  |