

# UBL12H



## Light Efficiency:

87 Lumen/Watt

## Dominant Wavelength:

560 nm

## Output:

3332 lm

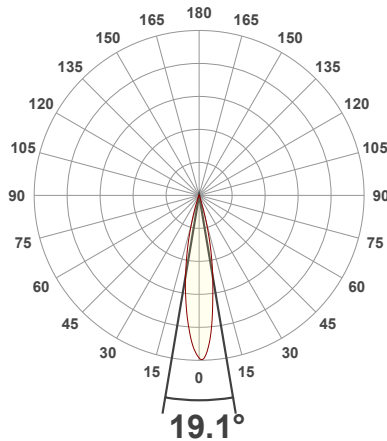
## Power:

38.4 W

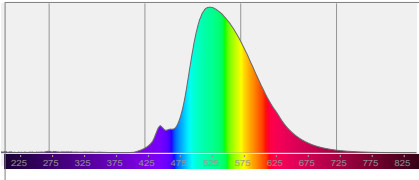
## Peak:

26746 cd

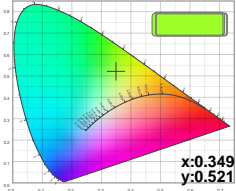
## Beam Angle



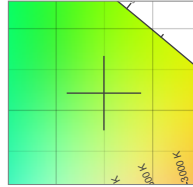
## Spectral Distribution



## Color Coordinates



## Zoom Color Point



## Test:

Lime

## Date:

2/5/2024

## Note:

Distance (meter)

1

Distance (feet)

3.3

3

9.8

5

16.4

7

22.9

10

32.8

Lux\*

19.1°

Foot Candles\*

\*measured at  
center of beam

Beam Width (meter)

Beam Width (feet)

0.3

1.1

1

3.3

1.7

5.5

2.3

7.7

3.4

11

| Beam Angle 50% | Field Angle 10% | Cutoff Angle 2,5% | Intensity Ratio in 120° Cone | Intensity Ratio in 90° Cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 19.1°          | 33.8°           | 42°               | 100.0%                       | 99.8%                       |

## 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  | 26487  | 6622  | 2943  | 1655  | 1059 | 736  | 541  | 414  | 327  | 265  | 219  | 184  | 157  | 135  | 118  | 103  | 92   | 82   | 73   | 66   |
| fcd | 2460.7 | 615.2 | 273.4 | 153.8 | 98.4 | 68.4 | 50.2 | 38.4 | 30.4 | 24.6 | 20.3 | 17.1 | 14.6 | 12.6 | 10.9 | 9.6  | 8.5  | 7.6  | 6.8  | 6.2  |