

Ultra LB18



Light Efficiency:

52 Lumen/Watt

Dominant Wavelength:

567 nm

Output:

2621 lm

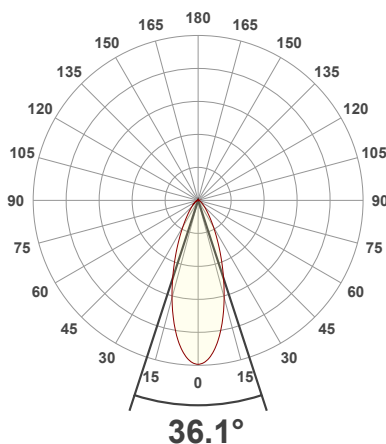
Power:

50.2 W

Peak:

4674 cd

Beam Angle



Test:

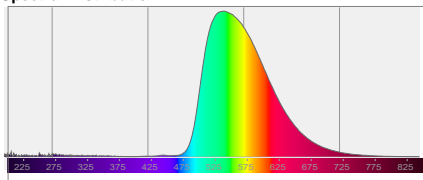
Lime

Date:

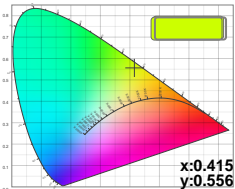
1/12/2023

Note:

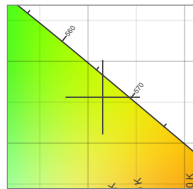
Spectral Distribution



Color Coordinates



Zoom Color Point



Distance (meter)

1

Distance (feet)

3.3

3

9.8

5

16.4

7

22.9

10

32.8

Lux*

36.1°

4674 lx

519 lx

187 lx

95 lx

47 lx

Foot Candles*

434 fcd

48 fcd

17 fcd

9 fcd

4 fcd

*measured at
center of beam

Beam Width (meter)

0.7

Beam Width (feet)

2.2

2

6.4

3.3

10.7

4.6

14.9

6.5

21.4

| Beam Angle 50% | Field Angle 10% | Cutoff Angle 2,5% | Intensity Ratio in 120° Cone | Intensity Ratio in 90° Cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 36.1° | 74.4° | 115.1° | 95.1% | 87.2% |

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 | 4674 | 1168 | 519 | 292 | 187 | 130 | 95 | 73 | 58 | 47 | 39 | 32 | 28 | 24 | 21 | 18 | 16 | 14 | 13 | 12 |
| fcd | 434.2 | 108.5 | 48.2 | 27.1 | 17.4 | 12.1 | 8.9 | 6.8 | 5.4 | 4.3 | 3.6 | 3 | 2.6 | 2.2 | 1.9 | 1.7 | 1.5 | 1.3 | 1.2 | 1.1 |