

Encore FR Pro Color



Light Efficiency:

5 Lumen/Watt

Dominant Wavelength:

453 nm

Output:

305 lm

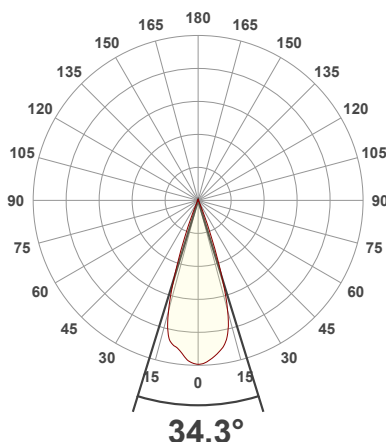
Power:

55.6 W

Peak:

1012 cd

Beam Angle



Test:

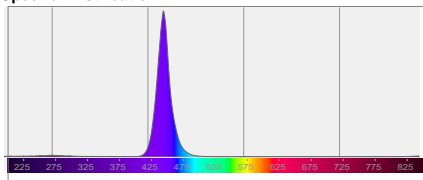
Zoom Out Blue

Date:

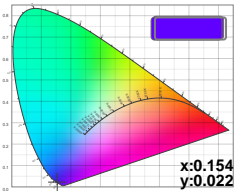
11/15/2021

Note:

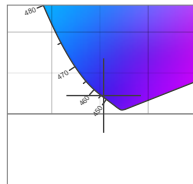
Spectral Distribution



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*

34.3°

Foot Candles*

*measured at
center of beam

1012 lx

94 fcd

112 lx

10 fcd

40 lx

4 fcd

21 lx

2 fcd

10 lx

1 fcd

Beam center

Beam Width (meter)

0.6

Beam Width (feet)

2

1.9

6

3.1

10.1

4.3

14.1

6.2

20.2

| Beam Angle 50% | Field Angle 10% | Cutoff Angle 2,5% | Intensity Ratio in 120° Cone | Intensity Ratio in 90° Cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 34.3° | 44.8° | 52.9° | 99.6% | 98.6% |

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 | 1012 | 253 | 112 | 63 | 40 | 28 | 21 | 16 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 4 | 4 | 3 | 3 | 3 |
| fcd | 94 | 23.5 | 10.4 | 5.9 | 3.8 | 2.6 | 1.9 | 1.5 | 1.2 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 |