

# Allegro Z6



Light Efficiency:

7 Lumen/Watt

Dominant Wavelength:

525 nm

Output:

655 lm

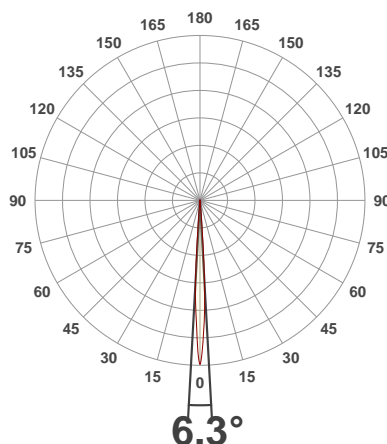
Power:

96.4 W

Peak:

65583 cd

Beam Angle



Test:

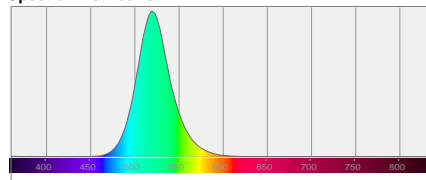
Zoom In Green

Date:

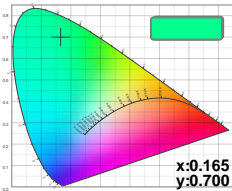
9/4/2019

Note:

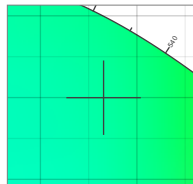
Spectral Distribution



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\*

6.3°

Foot Candles\*

\*measured at  
center of beam

Beam Width (meter)

Beam Width (feet)

| Beam Angle 50% | Field Angle 10% | Cutoff Angle 2,5% | Intensity Ratio in 120° Cone | Intensity Ratio in 90° Cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 6.3°           | 9.3°            | 10.6°             | 99.7%                        | 99.7%                       |

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  | 65547  | 16387  | 7283  | 4097  | 2622  | 1821  | 1338  | 1024 | 809  | 655  | 542  | 455  | 388  | 334  | 291  | 256  | 227  | 202  | 182  | 164  |
| fcd | 6089.6 | 1522.4 | 676.6 | 380.6 | 243.6 | 169.2 | 124.3 | 95.1 | 75.2 | 60.9 | 50.3 | 42.3 | 36   | 31.1 | 27.1 | 23.8 | 21.1 | 18.8 | 16.9 | 15.2 |