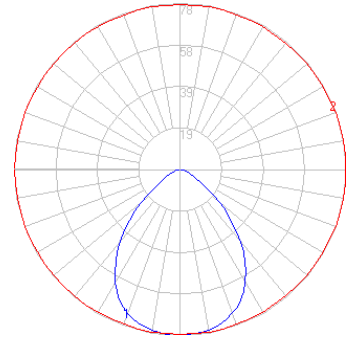


BEGA

Photometric Filename: 78047.IES

TEST: LM2649
 TEST LAB: BEGA
 DATE: 6/5/2014
 LUMINAIRE: 78 047
 LAMP: 3.3W LED



Characteristics

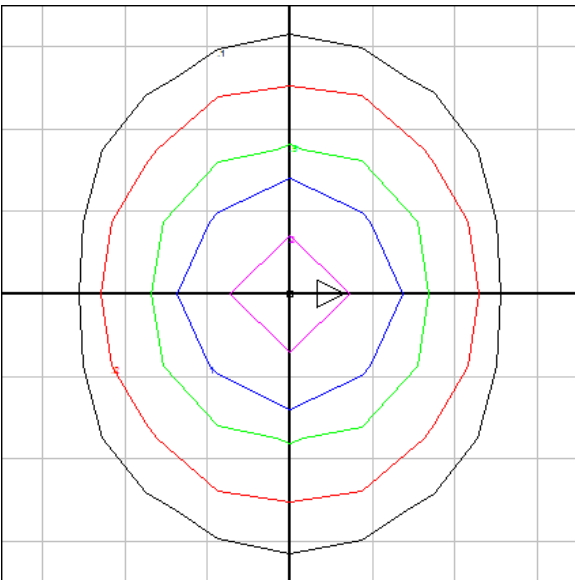
| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 164 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 33 |
| Total Luminaire Watts | 5 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.18 |
| Spacing Criterion (90-270) | 1.18 |
| Spacing Criterion (Diagonal) | 1.26 |
| Basic Luminous Shape | Rectangular w/Sides |
| Luminous Length (0-180) | 0.04 m |
| Luminous Width (90-270) | 0.09 m |
| Luminous Height | 0.01 m |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 14178 | 16842 | 18803 |
| 55 | 7590 | 12799 | 15833 |
| 65 | 3347 | 8402 | 12496 |
| 75 | 1863 | 4660 | 8622 |
| 85 | 732 | 1759 | 3458 |

Zonal Lumen Summary

| Zone | Lumens |
|---------|--------|
| 0-10 | 7.32 |
| 10-20 | 20.76 |
| 20-30 | 30.48 |
| 30-40 | 33.82 |
| 40-50 | 30.13 |
| 50-60 | 21.59 |
| 60-70 | 12.54 |
| 70-80 | 5.62 |
| 80-90 | 1.27 |
| 90-100 | 0.13 |
| 100-110 | 0.08 |
| 110-120 | 0.10 |
| 120-130 | 0.09 |
| 130-140 | 0.07 |
| 140-150 | 0.05 |
| 150-160 | 0.01 |
| 160-170 | 0.00 |
| 170-180 | 0.00 |



Mounting Height = 5 ft. Grid Spacing = 3 ft.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.