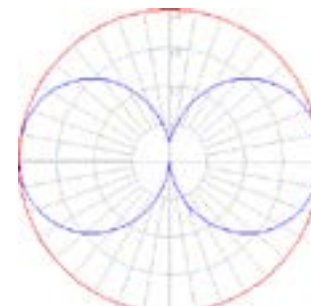


BEGA

Photometric Filename: 55010.IES

TEST: BE-55010
 TEST LAB: BEGA
 DATE: 9/9/2015
 LUMINAIRE: 55 010
 LAMP: 3.2W LED



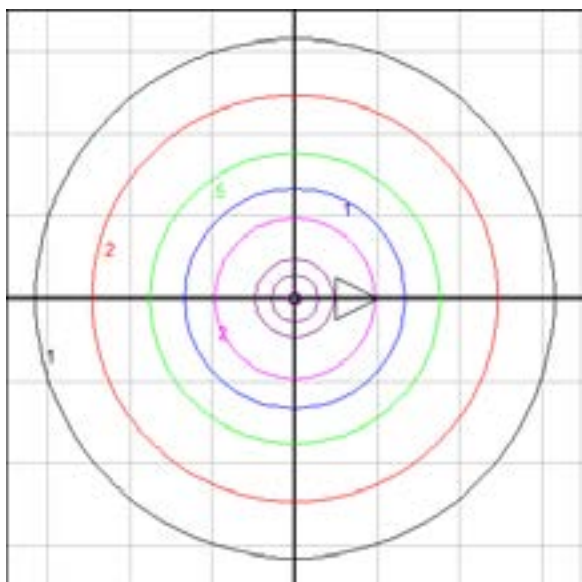
Characteristics

| | |
|------------------------------------|------------------|
| IES Classification | Type V |
| Longitudinal Classification | Very Long |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 171 |
| Downward Total Efficiency | N.A. |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 34 |
| Total Luminaire Watts | 5 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.52 |
| Max. Cd. | 17.2 (0H, 97.5V) |
| Max. Cd. (<90 Vert.) | 17.1 (0H, 87.5V) |
| Max. Cd. (At 90 Deg. Vert.) | 17.2 (10.1%Lum) |
| Max. Cd. (80 to <90 Deg. Vert.) | 17.1 (10.0%Lum) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

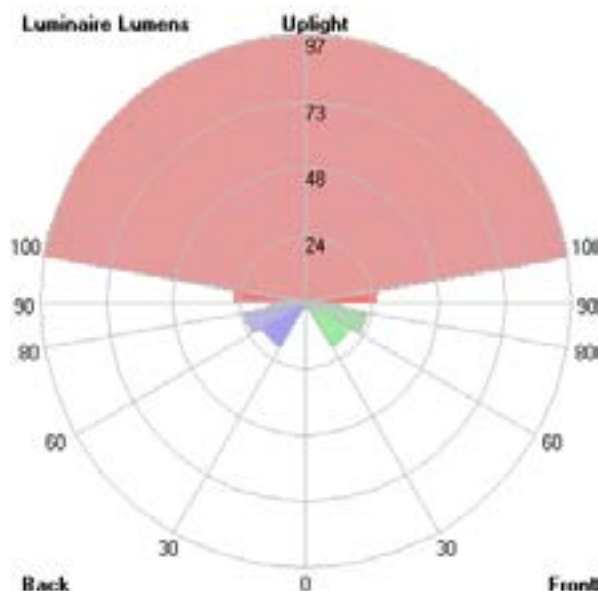
Lum. Classification System (LCS)

| LCS Zone | Lumens | %Lamp | %Lum |
|--------------|--------------|-------------|--------------|
| FL (0-30) | 2.0 | N.A. | 1.1 |
| FM (30-60) | 13.4 | N.A. | 7.9 |
| FH (60-80) | 16.3 | N.A. | 9.6 |
| FVH (80-90) | 9.3 | N.A. | 5.4 |
| BL (0-30) | 2.0 | N.A. | 1.1 |
| BM (30-60) | 13.4 | N.A. | 7.9 |
| BH (60-80) | 16.3 | N.A. | 9.6 |
| BVH (80-90) | 9.3 | N.A. | 5.4 |
| UL (90-100) | 18.8 | N.A. | 11.0 |
| UH (100-180) | 70.2 | N.A. | 41.1 |
| Total | 171.0 | N.A. | 100.0 |

BUG Rating B0-U3-G0



Fixture Height = 13-1/2 in Grid Spacing = 2 ft.

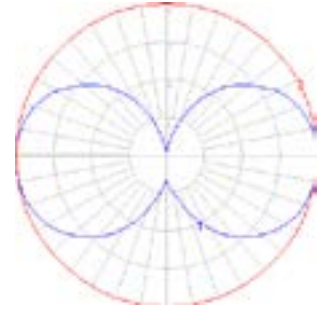


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

Photometric Filename: 55010AMB.IES

TEST: L121804103
 TEST LAB: Light Laboratory Inc.
 DATE: 1/6/2019
 LUMINAIRE: 55 010 Amber
 LAMP: 2.1W LED



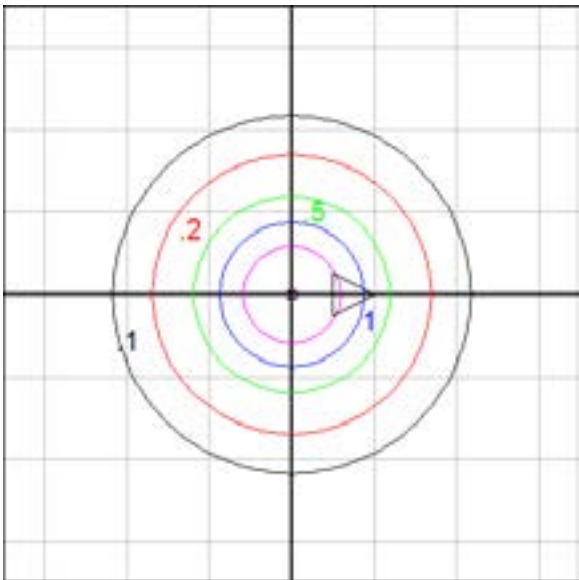
Characteristics

| | |
|------------------------------------|-----------------|
| IES Classification | N.A. |
| Longitudinal Classification | N.A. |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 88 |
| Downward Total Efficiency | N.A. |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 31 |
| Total Luminaire Watts | 2.87 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.48 |
| Max. Cd. | 8.9 (0H, 90V) |
| Max. Cd. (<90 Vert.) | 8.9 (0H, 85V) |
| Max. Cd. (At 90 Deg. Vert.) | 8.9 (10.1%Lum) |
| Max. Cd. (80 to <90 Deg. Vert.) | 8.9 (10.1%Lum) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

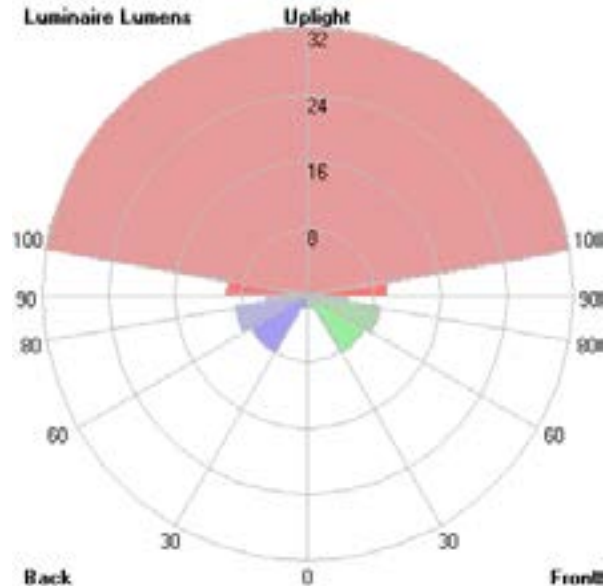
Lum. Classification System (LCS)

| <u>LCS Zone</u> | <u>Lumens</u> | <u>%Lamp</u> | <u>%Lum</u> |
|-----------------|---------------|--------------|--------------|
| FL (0-30) | 1.5 | N.A. | 1.7 |
| FM (30-60) | 7.9 | N.A. | 9.0 |
| FH (60-80) | 8.8 | N.A. | 10.0 |
| FVH(80-90) | 4.9 | N.A. | 5.5 |
| BL (0-30) | 1.5 | N.A. | 1.7 |
| BM (30-60) | 7.9 | N.A. | 9.0 |
| BH (60-80) | 8.8 | N.A. | 10.0 |
| BVH(80-90) | 4.9 | N.A. | 5.5 |
| UL (90-100) | 9.6 | N.A. | 11.0 |
| UH (100-180) | 32.1 | N.A. | 36.6 |
| Total | 87.9 | N.A. | 100.0 |

BUG Rating B0-U2-G0



Fixture Height = 13-1/2 in Grid Spacing = 2 ft.



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