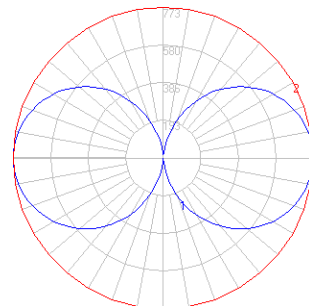


# BEGA

Photometric Filename: 84991.ies

TEST: N/A  
TEST LAB: BEGA  
DATE: 1/13/17  
LUMINAIRE: 84 991  
LAMP: 46.8W LED



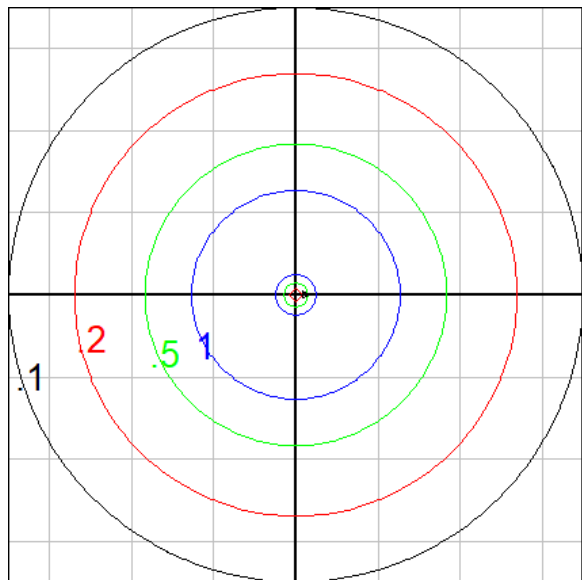
## Characteristics

|                                    |                   |
|------------------------------------|-------------------|
| IES Classification                 | N.A.              |
| Longitudinal Classification        | N.A.              |
| Lumens Per Lamp                    | N.A. (absolute)   |
| Total Lamp Lumens                  | N.A. (absolute)   |
| Luminaire Lumens                   | 7351              |
| Downward Total Efficiency          | N.A.              |
| Total Luminaire Efficiency         | N.A.              |
| Luminaire Efficacy Rating (LER)    | 136               |
| Total Luminaire Watts              | 54                |
| Ballast Factor                     | 1.00              |
| Upward Waste Light Ratio           | 0.50              |
| Max. Cd.                           | 772.8 (0H, 90V)   |
| Max. Cd. (<90 Vert.)               | 771.9 (0H, 87.5V) |
| Max. Cd. (At 90 Deg. Vert.)        | 772.8 (10.5%Lum)  |
| Max. Cd. (80 to <90 Deg. Vert.)    | 771.9 (10.5%Lum)  |
| Cutoff Classification (deprecated) | N.A. (absolute)   |

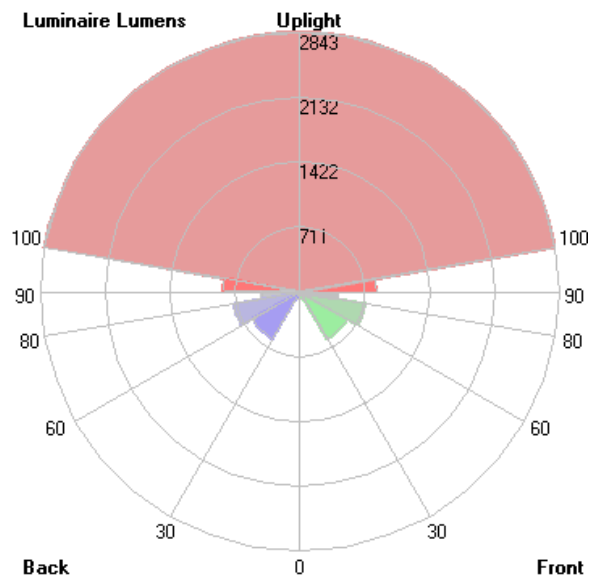
## Lum. Classification System (LCS)

| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 84.8   | N.A.  | 1.2   |
| FM (30-60)   | 597.9  | N.A.  | 8.1   |
| FH (60-80)   | 733.2  | N.A.  | 10.0  |
| FVH(80-90)   | 419.0  | N.A.  | 5.7   |
| BL (0-30)    | 84.8   | N.A.  | 1.2   |
| BM (30-60)   | 597.9  | N.A.  | 8.1   |
| BH (60-80)   | 733.2  | N.A.  | 10.0  |
| BVH(80-90)   | 419.0  | N.A.  | 5.7   |
| UL (90-100)  | 838.5  | N.A.  | 11.4  |
| UH (100-180) | 2843.3 | N.A.  | 38.7  |
| Total        | 7351.6 | N.A.  | 100.0 |

**BUG Rating B2-U5-G3**



Mounting Height (Light Center) = 11 ft. Grid Spacing = 12 ft.



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

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9/8/2017