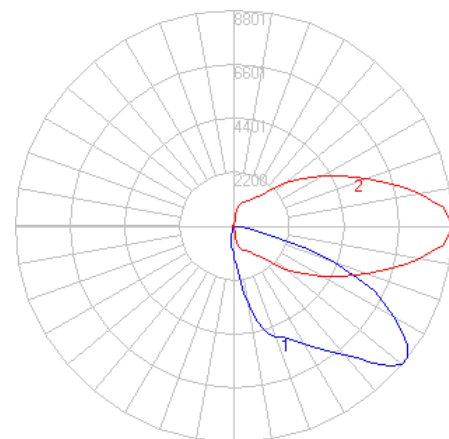


# BEGA

Photometric Filename: 84407.ies

TEST: BE\_84407  
TEST LAB: BEGA  
DATE: 11/30/2016  
LUMINAIRE: 84 407  
LAMP: 55.3W LED



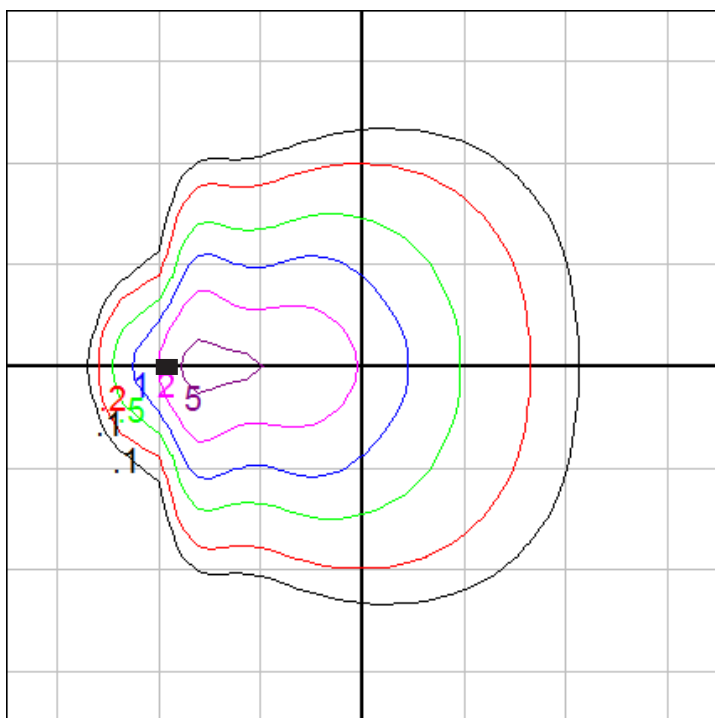
## Characteristics

|                                    |                    |
|------------------------------------|--------------------|
| IES Classification                 | Type III           |
| Longitudinal Classification        | Very Short         |
| Lumens Per Lamp                    | N.A. (absolute)    |
| Total Lamp Lumens                  | N.A. (absolute)    |
| Luminaire Lumens                   | 6672               |
| Downward Total Efficiency          | N.A.               |
| Total Luminaire Efficiency         | N.A.               |
| Luminaire Efficacy Rating (LER)    | 109                |
| Total Luminaire Watts              | 61                 |
| Ballast Factor                     | 1.00               |
| Upward Waste Light Ratio           | 0.00               |
| Max. Cd.                           | 8801 (360H, 52.5V) |
| Max. Cd. (<90 Vert.)               | 8801 (360H, 52.5V) |
| Max. Cd. (At 90 Deg. Vert.)        | 0 (0.0%Lum)        |
| Max. Cd. (80 to <90 Deg. Vert.)    | 551.2 (8.3%Lum)    |
| Cutoff Classification (deprecated) | N.A. (absolute)    |

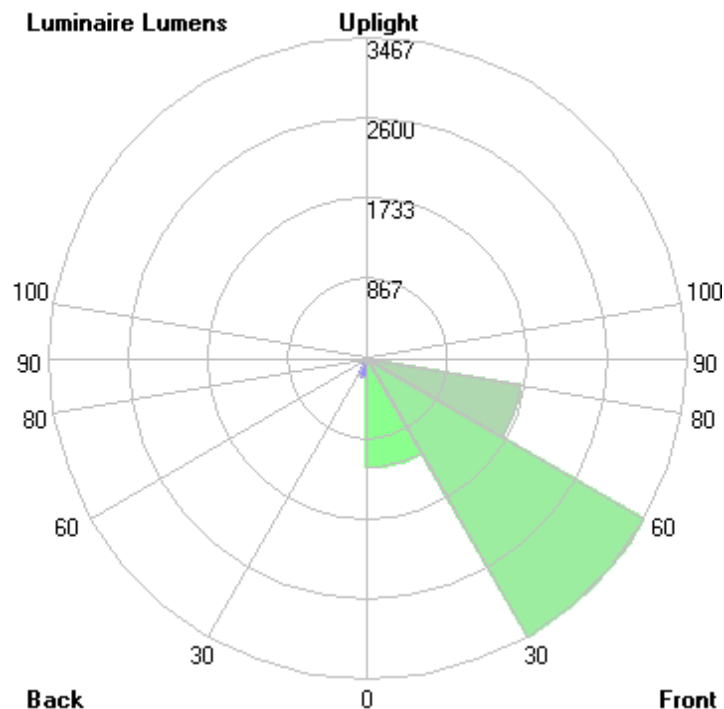
## Lum. Classification System (LCS)

| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 1181.6 | N.A.  | 17.7  |
| FM (30-60)   | 3466.9 | N.A.  | 52.0  |
| FH (60-80)   | 1690.9 | N.A.  | 25.3  |
| FVH(80-90)   | 39.4   | N.A.  | 0.6   |
| BL (0-30)    | 203.0  | N.A.  | 3.0   |
| BM (30-60)   | 72.8   | N.A.  | 1.1   |
| BH (60-80)   | 14.8   | N.A.  | 0.2   |
| BVH(80-90)   | 2.4    | N.A.  | 0.0   |
| UL (90-100)  | 0.0    | N.A.  | 0.0   |
| UH (100-180) | 0.0    | N.A.  | 0.0   |
| Total        | 6671.7 | N.A.  | 100.0 |

**BUG Rating B1-U0-G1**



Mounting Height = 24 ft. 8in. (Pole - 2408FR)  
Grid Spacing = 20 ft.



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

**BEGA** 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 [www.bega-us.com](http://www.bega-us.com) © Copyright BEGA-US 2018

6/11/2018