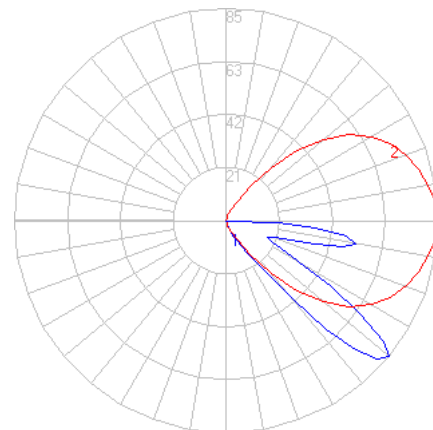


# BEGA

File: Modular Furniture\_Recessed Vertical\_IES.ies

TEST: BE\_33019K4  
TEST LAB: BEGA  
DATE: 09/01/2015  
LUMINAIRE: 33 019K3  
LAMP: (2X) 3.8W LED

\*As seen in long, closed benches within the BEGA Modular Furniture System (i.e. M045)



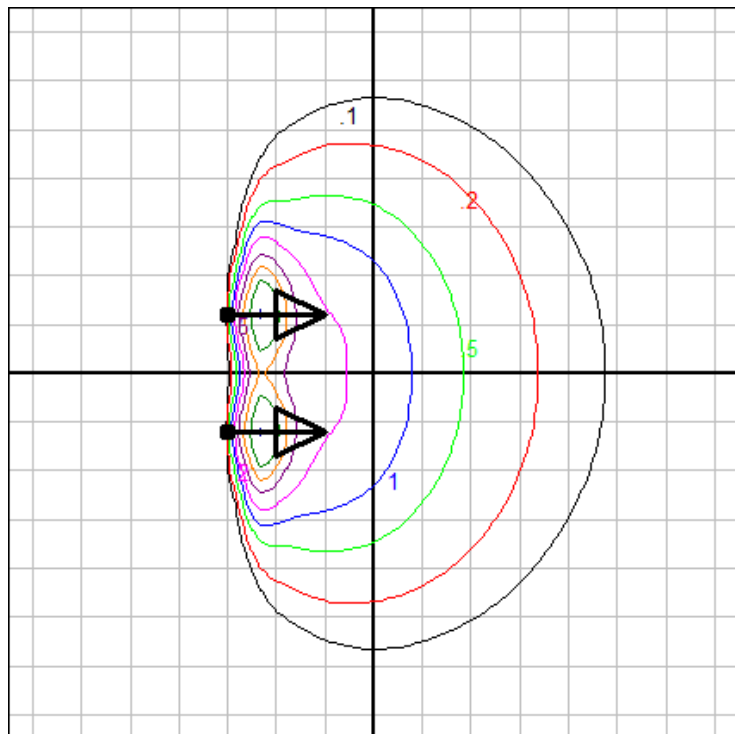
## Characteristics

|                                    |                 |
|------------------------------------|-----------------|
| IES Classification                 | Type IV         |
| Longitudinal Classification        | Very Short      |
| Lumens Per Lamp                    | N.A. (absolute) |
| Total Lamp Lumens                  | N.A. (absolute) |
| Luminaire Lumens                   | 125             |
| Downward Total Efficiency          | N.A.            |
| Total Luminaire Efficiency         | N.A.            |
| Luminaire Efficacy Rating (LER)    | 6.3             |
| Total Luminaire Watts              | 10              |
| Ballast Factor                     | 1.00            |
| Upward Waste Light Ratio           | 0.00            |
| Max. Cd.                           | 84.6 (0H, 50V)  |
| Max. Cd. (<90 Vert.)               | 84.6 (0H, 50V)  |
| Max. Cd. (At 90 Deg. Vert.)        | 0 (0.0%Lum)     |
| Max. Cd. (80 to <90 Deg. Vert.)    | 52.4 (83.2%Lum) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

## Lum. Classification System (LCS)

| LCS Zone     | Lumens | %Lamp | %Lum  |
|--------------|--------|-------|-------|
| FL (0-30)    | 1.7    | N.A.  | 1.4   |
| FM (30-60)   | 61.7   | N.A.  | 49.3  |
| FH (60-80)   | 42.4   | N.A.  | 33.9  |
| FVH (80-90)  | 19.3   | N.A.  | 15.4  |
| BL (0-30)    | 0.0    | N.A.  | 0.0   |
| BM (30-60)   | 0.0    | N.A.  | 0.0   |
| BH (60-80)   | 0.0    | N.A.  | 0.0   |
| BVH (80-90)  | 0.0    | N.A.  | 0.0   |
| UL (90-100)  | 0.0    | N.A.  | 0.0   |
| UH (100-180) | 0.0    | N.A.  | 0.0   |
| Total        | 125.4  | N.A.  | 100.0 |

BUG Rating B0-U0-G1

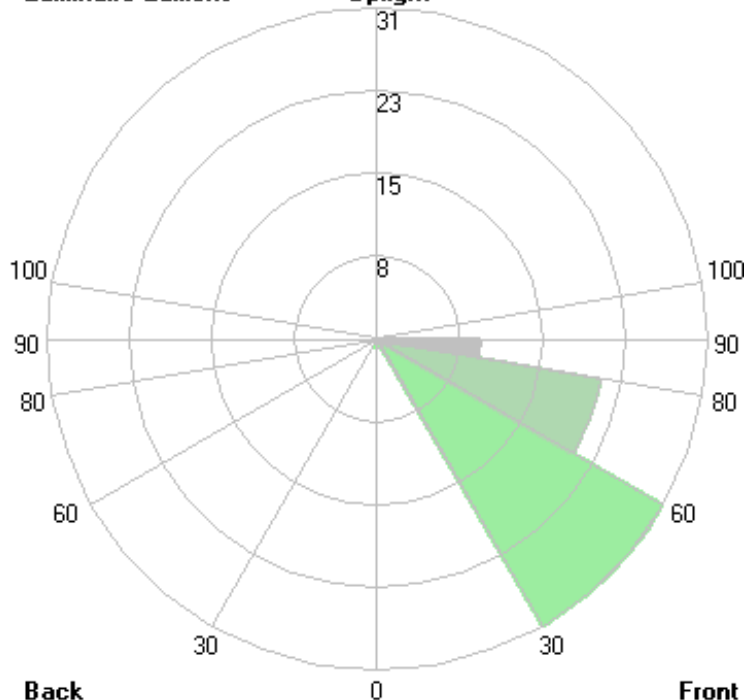


Mounting Height: .7 ft.  
(Standard height on modular bench seat)

Grid Spacing: 1 ft.

Luminaire Lumens

Uplight



Back

Front