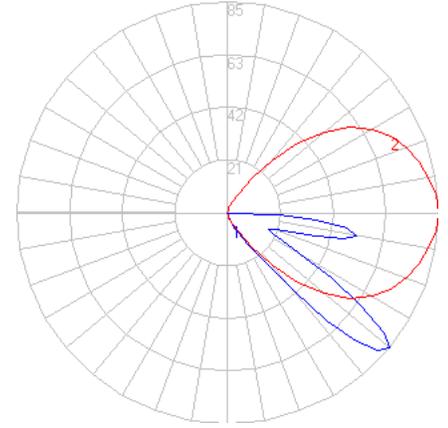


# BEGA

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)



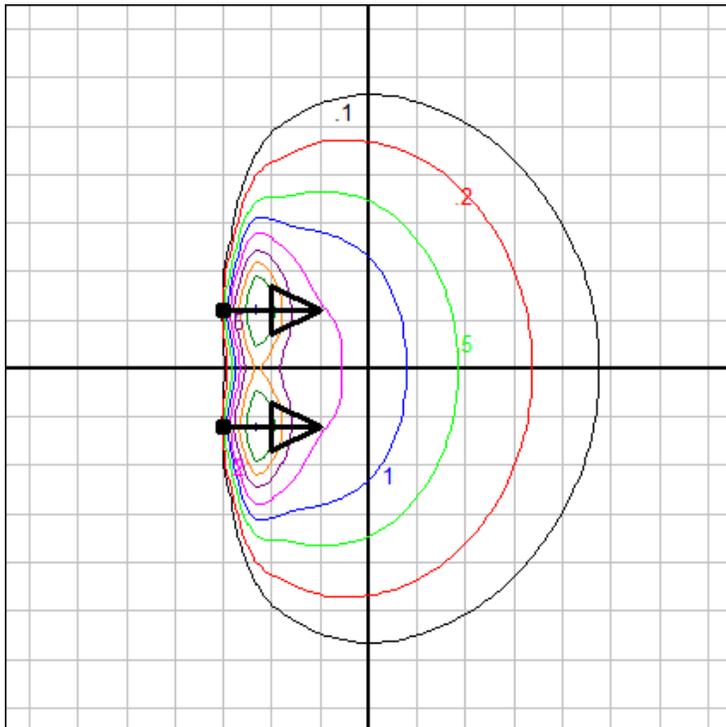
### Characteristics

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)

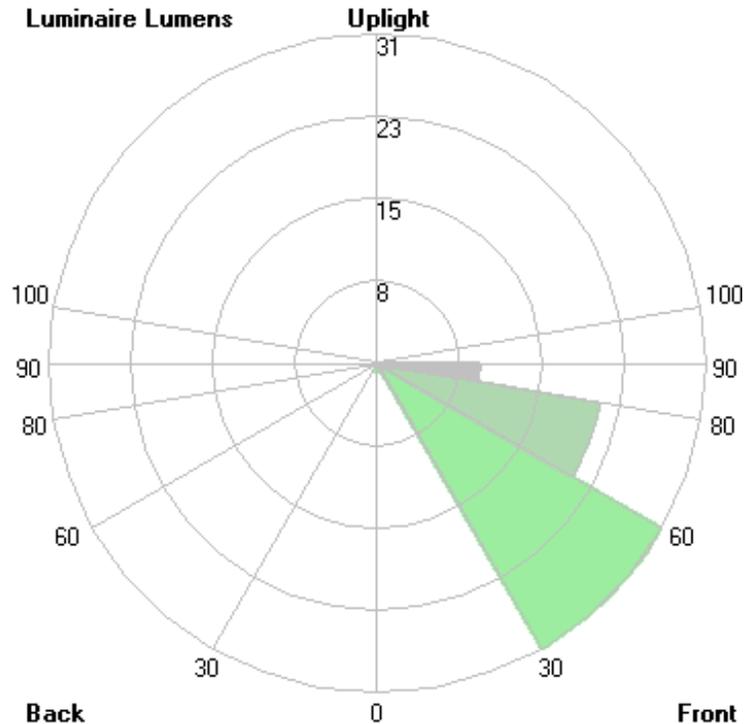
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	1.7	N.A.	1.4
FM (30-60)	61.7	N.A.	49.3
FH (60-80)	42.4	N.A.	33.9
FVH (80-90)	19.3	N.A.	15.4
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH (80-90)	0.0	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	125.4	N.A.	100.0

**BUG Rating B0-U0-G1**



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

Grid Spacing: 1 ft.



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