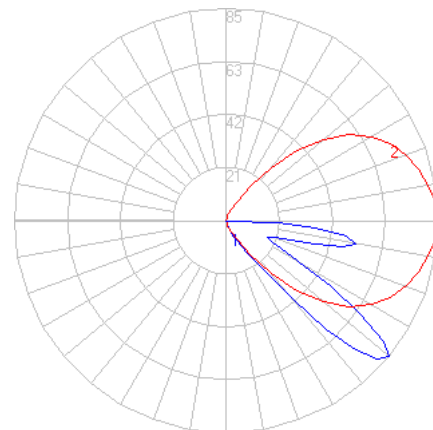


BEGA

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)



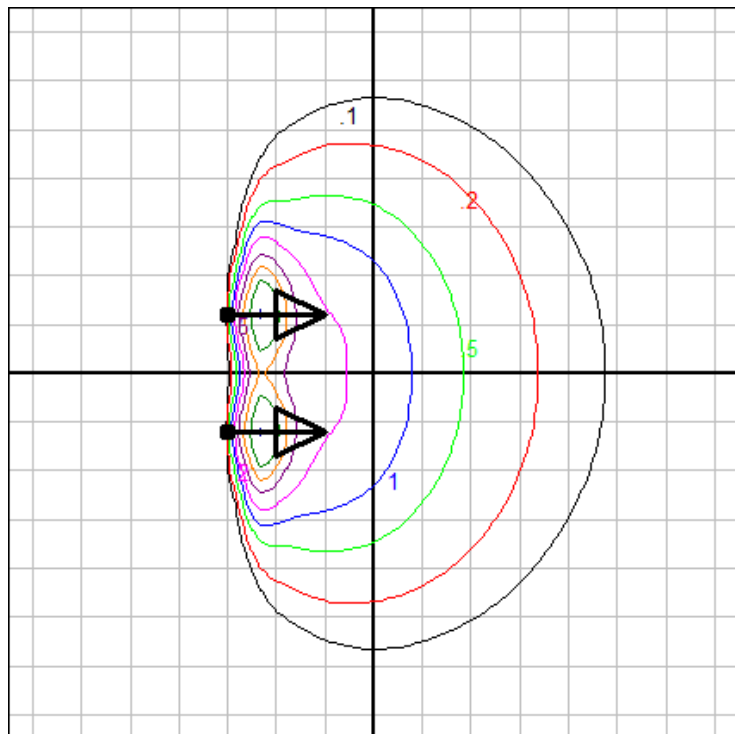
Characteristics

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

