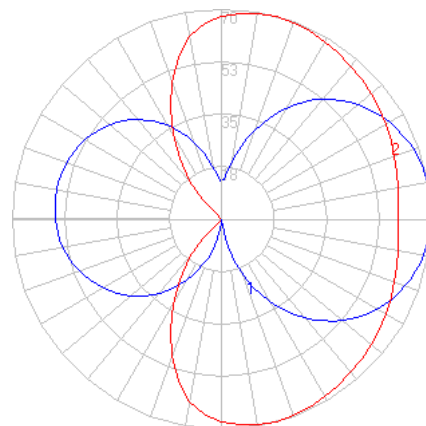


BEGA

Photometric Filename: 31099.IES

TEST: BE31099
TEST LAB: BEGA
DATE: 11/10/2014
LUMINAIRE: 31 099
LAMP: 8.4W LED



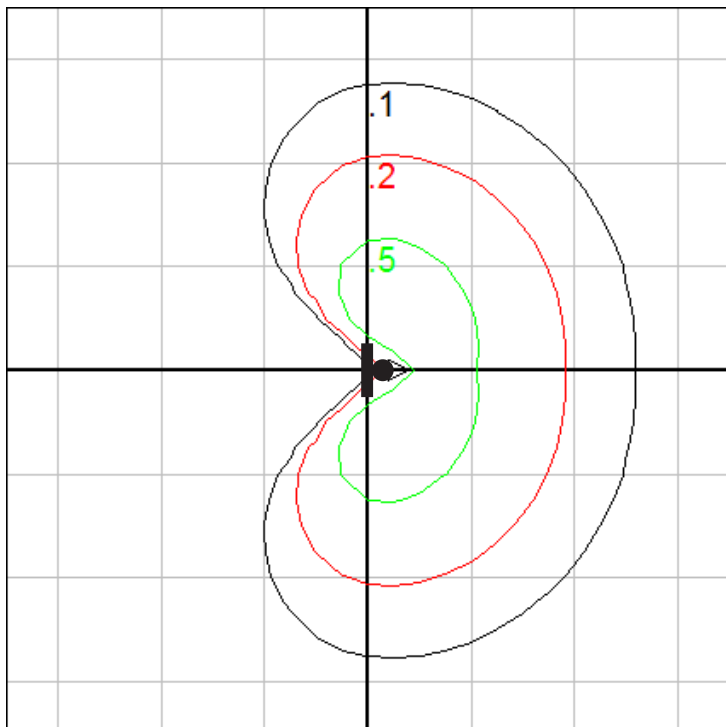
Characteristics

IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	447
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	45
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.54
Max. Cd.	70.4 (75H, 97.5V)
Max. Cd. (<90 Vert.)	70.2 (75H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	70.3 (15.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	70.2 (15.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

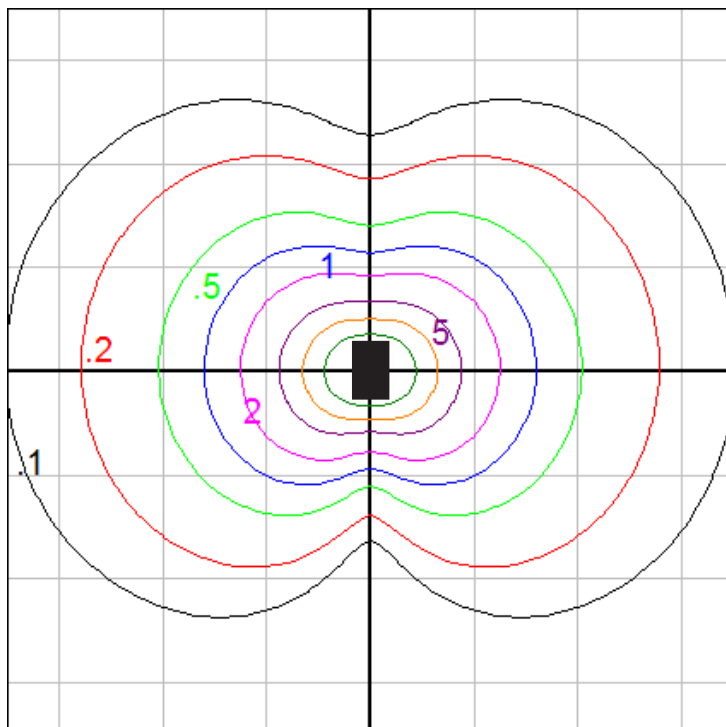
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	7.2	N.A.	1.6
FM (30-60)	51.0	N.A.	11.4
FH (60-80)	62.5	N.A.	14.0
FVH (80-90)	35.7	N.A.	8.0
BL (0-30)	2.3	N.A.	0.5
BM (30-60)	16.5	N.A.	3.7
BH (60-80)	20.3	N.A.	4.6
BVH (80-90)	11.8	N.A.	2.6
UL (90-100)	47.9	N.A.	10.7
UH (100-180)	191.7	N.A.	42.9
Total	446.9	N.A.	100.0

BUG Rating B0-U3-G1



Mounting Height = 5 ft. Grid Spacing = 5 ft.



Wall Mount - Isogrid on wall

Grid Spacing = 2.5 ft.

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

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7/21/2017