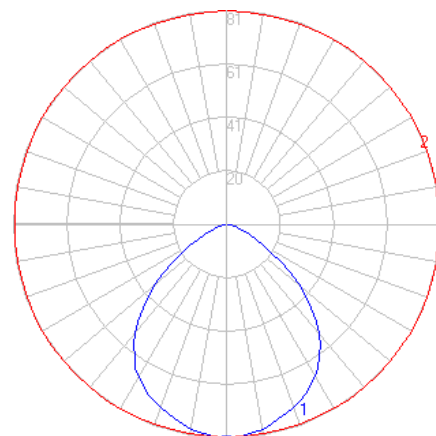


BEGA

Photometric Filename: 33513.IES

TEST: BE_33513
TEST LAB: BEGA
DATE: 4/24/2013
LUMINAIRE: 33 513
LAMP: 2.1W LED



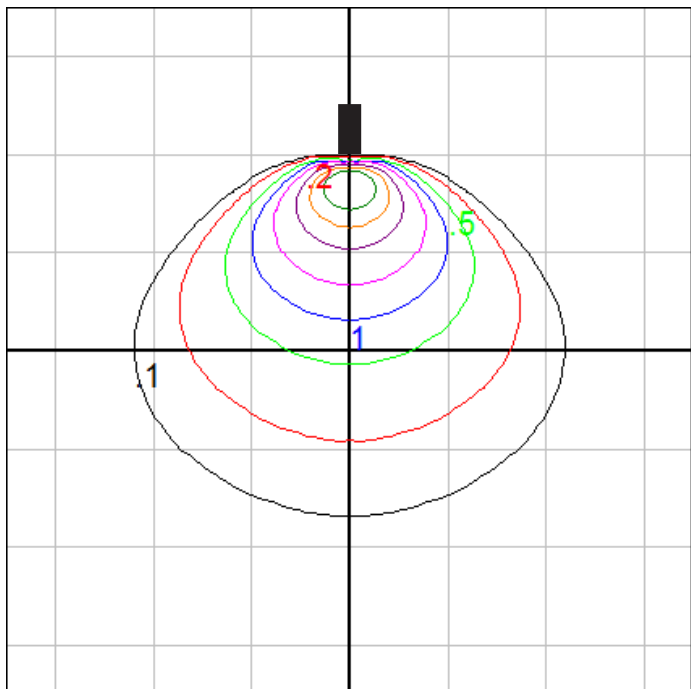
Characteristics

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	159
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	40
Total Luminaire Watts	4
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	81.1 (50H, 2.5V)
Max. Cd. (<90 Vert.)	81.1 (50H, 2.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.2 (0.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

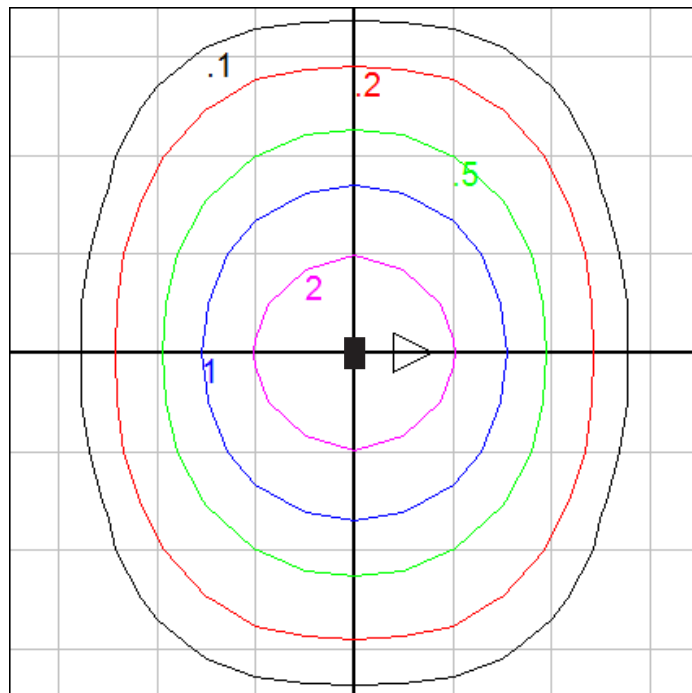
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL(0-30)	31.0	N.A.	19.5
FM (30-60)	43.9	N.A.	27.7
FH (60-80)	4.4	N.A.	2.8
FVH (80-90)	0.1	N.A.	0.1
BL (0-30)	31.0	N.A.	19.5
BM (30-60)	43.9	N.A.	27.7
BH (60-80)	4.4	N.A.	2.8
BVH (80-90)	0.1	N.A.	0.1
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	158.8	N.A.	100.0

BUG Rating B0-U0-G0



Wall Mount - Iso-footcandle grid on wall
Grid Spacing = 2 ft.



Wall Mount - Iso-footcandle grid on floor
Mounting Height = 5 ft
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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1/3/2018