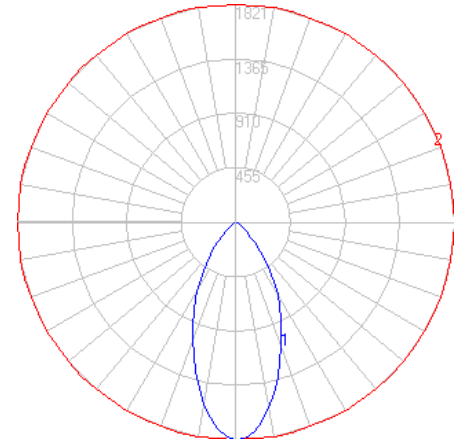


# BEGA

Photometric Filename: 33816.IES

TEST: BE\_33816  
 TEST LAB: BEGA  
 DATE: 01/15/2015  
 LUMINAIRE: 33 816  
 LAMP: 13.9W LED



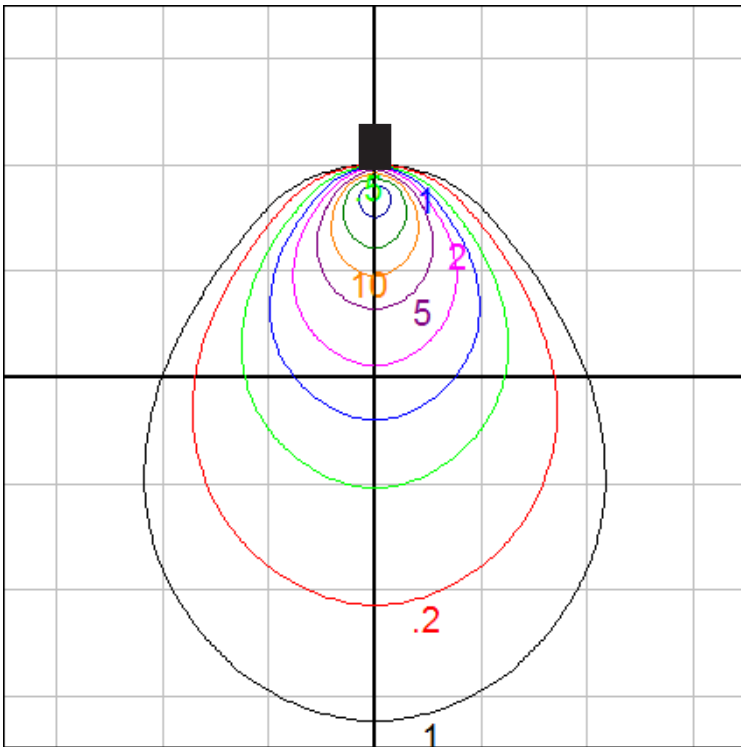
**Characteristics**

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1659
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	17
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1820.656 (180H, 0V)
Max. Cd. (<90 Vert.)	1820.656 (180H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	4.068 (0.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

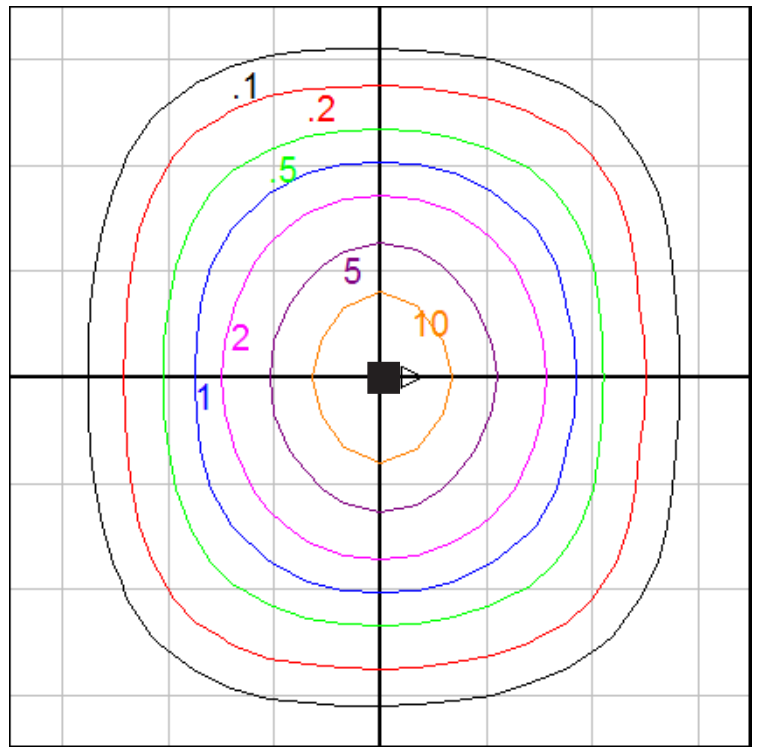
**Lum. Classification System (LCS)**

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	506.1	N.A.	30.5
FM (30-60)	325.7	N.A.	19.6
FH (60-80)	15.9	N.A.	1.0
FVH (80-90)	0.5	N.A.	0.0
BL (0-30)	491.1	N.A.	29.6
BM (30-60)	304.0	N.A.	18.3
BH (60-80)	15.5	N.A.	0.9
BVH (80-90)	0.5	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1659.3	N.A.	100.0

**BUG Rating B1-U0-G0**



Wall Mount - Isofootcandle grid on wall  
 Grid Spacing = 5 ft.



Wall Mount - Isofootcandle grid on floor  
 Mounting Height = 10 ft. Grid Spacing = 5 ft.

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