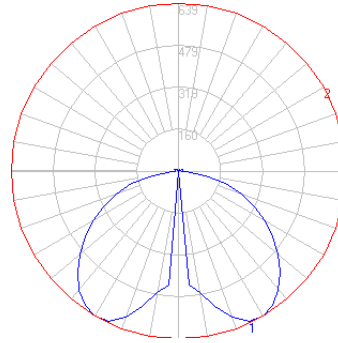


BEGA

Photometric Filename: 88309.ies

TEST: L071401403
 TEST LAB: LUMINAIRE TESTING LABORATORY, INC.
 DATE: 10/13/2010
 LUMINAIRE: 88 309
 LAMP: 56W LED

All results in accordance with IESNA LM-79-08



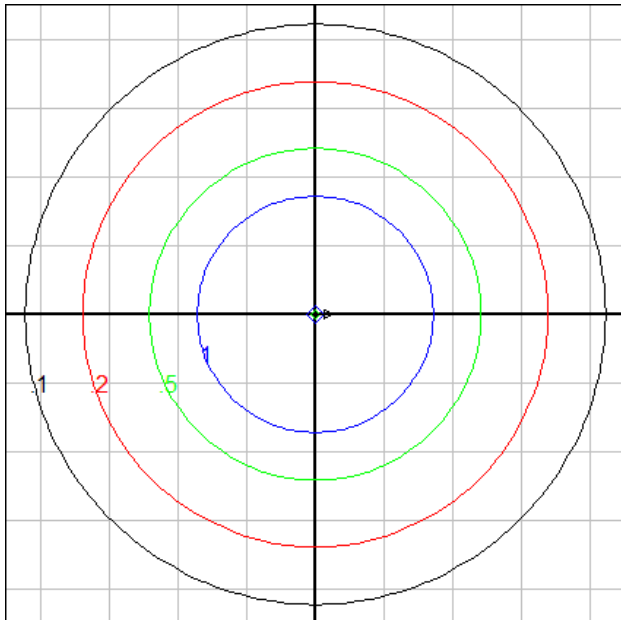
Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2284
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	36
Total Luminaire Watts	63.76
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	638.87 (0H, 30V)
Max. Cd. (<90 Vert.)	638.87 (0H, 30V)
Max. Cd. (At 90 Deg. Vert.)	12.68 (0.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	100.77 (4.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

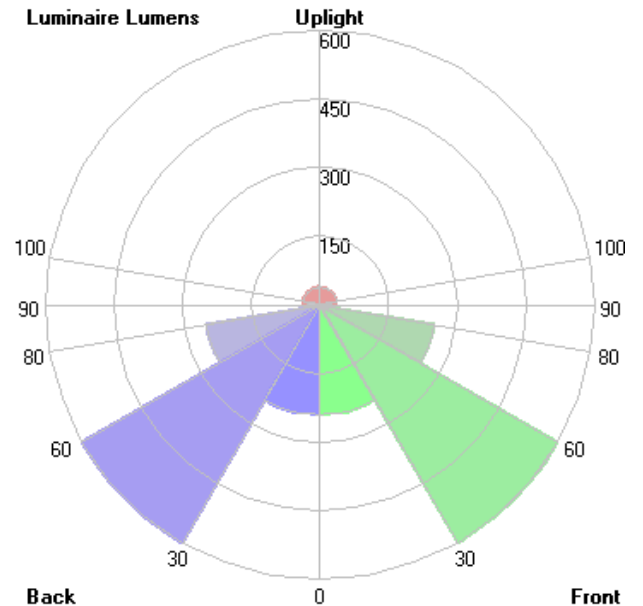
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	239.8	N.A.	10.5
FM (30-60)	600.1	N.A.	26.3
FH (60-80)	253.2	N.A.	11.1
FVH(80-90)	22.3	N.A.	1.0
BL (0-30)	239.8	N.A.	10.5
BM (30-60)	600.1	N.A.	26.3
BH (60-80)	253.2	N.A.	11.1
BVH(80-90)	22.3	N.A.	1.0
UL (90-100)	15.3	N.A.	0.7
UH (100-180)	37.6	N.A.	1.6
Total	2283.7	N.A.	100.0

BUG Rating B1-U2-G1



Mounting Height = 16 ft. Grid Spacing = 8 ft.



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