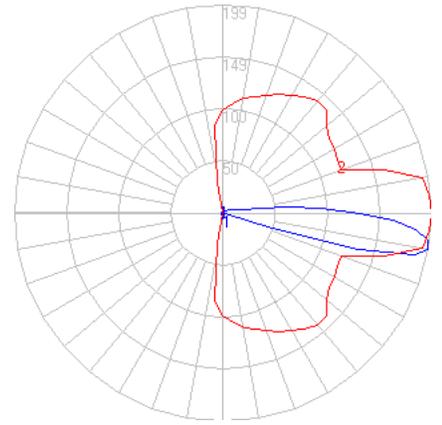


BEGA

Photometric Filename: 77089.IES

TEST: BE_77089
 TEST LAB: BEGA
 DATE: 7/12/2017
 LUMINAIRE: 77 089
 LAMP: 5.9W LED



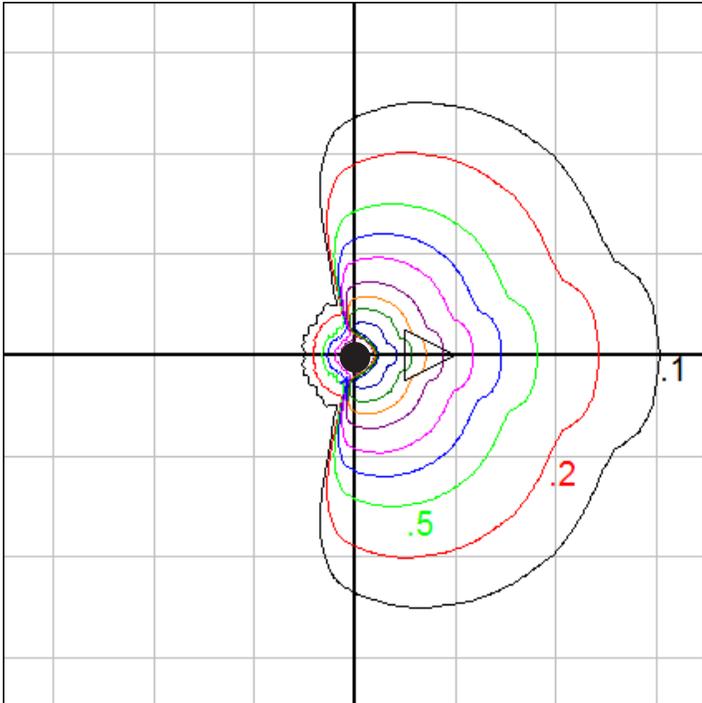
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	177
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	22
Total Luminaire Watts	8
Ballast Factor	1.00
Upward Waste Light Ratio	0.26
Max. Cd.	199.2 (0H, 80V)
Max. Cd. (<90 Vert.)	199.2 (0H, 80V)
Max. Cd. (At 90 Deg. Vert.)	131.4 (74.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	199.2 (112.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

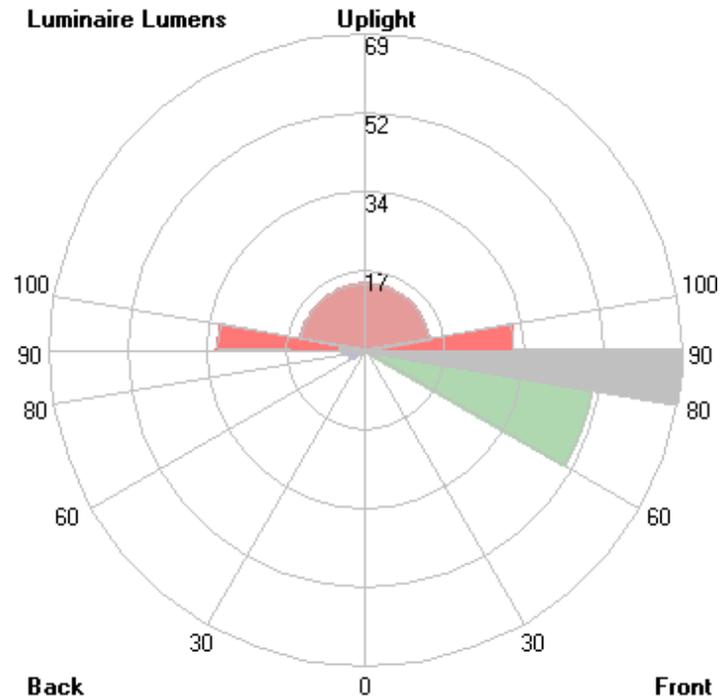
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.3	N.A.	0.1
FM (30-60)	0.7	N.A.	0.4
FH (60-80)	49.9	N.A.	28.2
FVH (80-90)	68.9	N.A.	39.0
BL (0-30)	0.7	N.A.	0.4
BM (30-60)	1.3	N.A.	0.7
BH (60-80)	3.6	N.A.	2.0
BVH (80-90)	5.1	N.A.	2.9
UL (90-100)	32.1	N.A.	18.2
UH (100-180)	14.2	N.A.	8.1
Total	176.8	N.A.	100.0

BUG Rating B0-U2-G1



Grid Spacing = 2 ft.



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