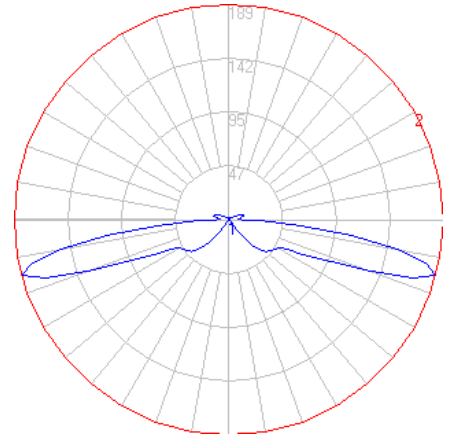


BEGA

Photometric Filename: 99578.ies

TEST: BE_99578
 TEST LAB: BEGA
 DATE: 10/24/2017
 LUMINAIRE: 99 578
 LAMP: 12.4W LED



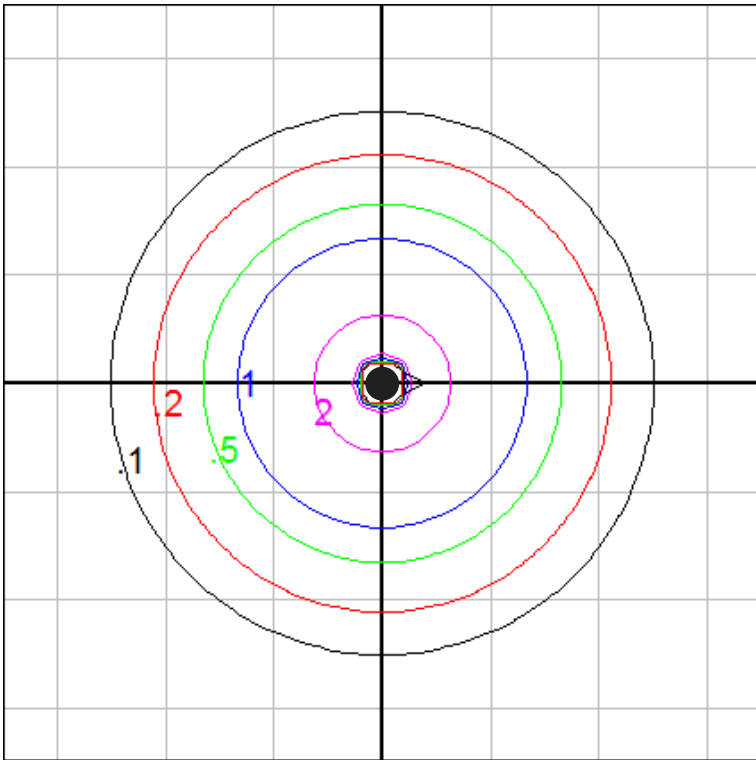
Characteristics

IES Classification	Type V
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	451
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	30
Total Luminaire Watts	15
Ballast Factor	1.00
Upward Waste Light Ratio	0.09
Max. Cd.	189.176 (0H, 75V)
Max. Cd. (<90 Vert.)	189.176 (0H, 75V)
Max. Cd. (At 90 Deg. Vert.)	12.844 (2.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	150.332 (33.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

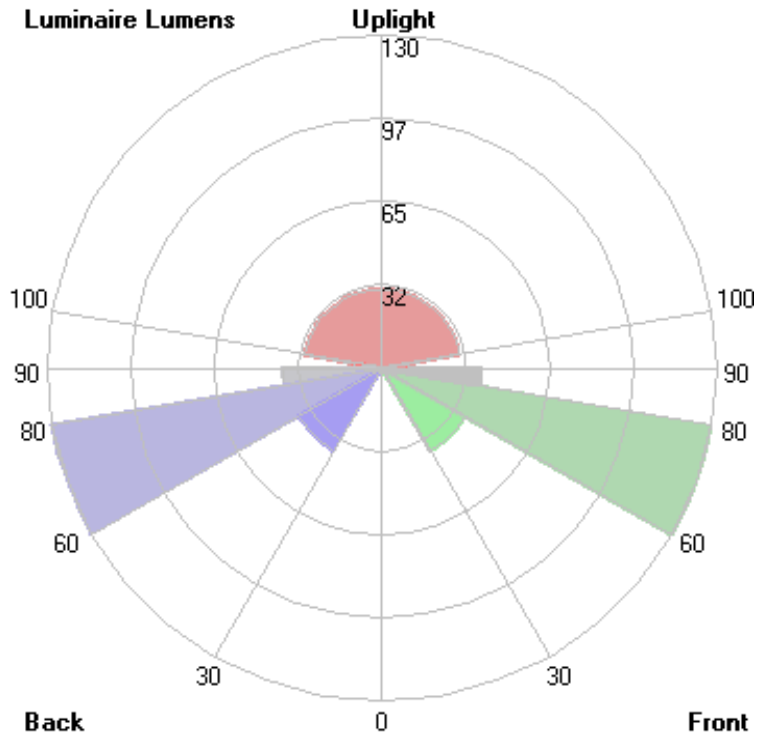
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	< 0.05	N.A.	0.0
FM (30-60)	37.3	N.A.	8.3
FH (60-80)	129.6	N.A.	28.7
FVH (80-90)	38.3	N.A.	8.5
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	37.3	N.A.	8.3
BH (60-80)	129.6	N.A.	28.7
BVH (80-90)	38.3	N.A.	8.5
UL (90-100)	10.4	N.A.	2.3
UH (100-180)	30.5	N.A.	6.8
Total	451.3	N.A.	100.0

BUG Rating B1-U2-G1



Grid Spacing = 5 ft.



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