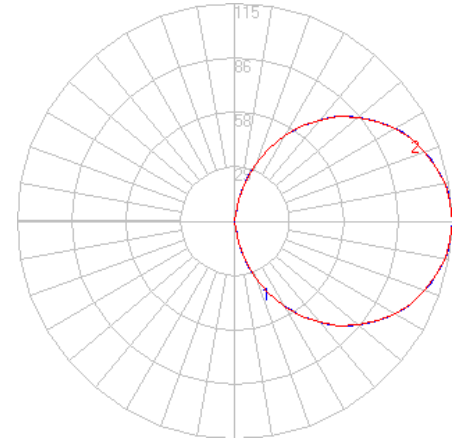


BEGA

Photometric Filename: 33109.ies

TEST: 33109
 TEST LAB: BEGA
 DATE: 8/28/2015
 LUMINAIRE: 33 109
 LAMP: 4.1W LED

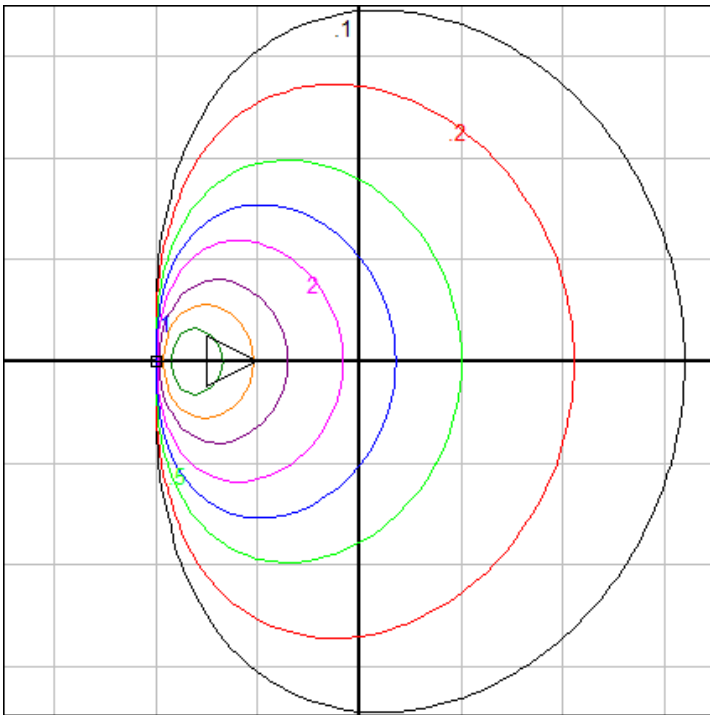


Characteristics

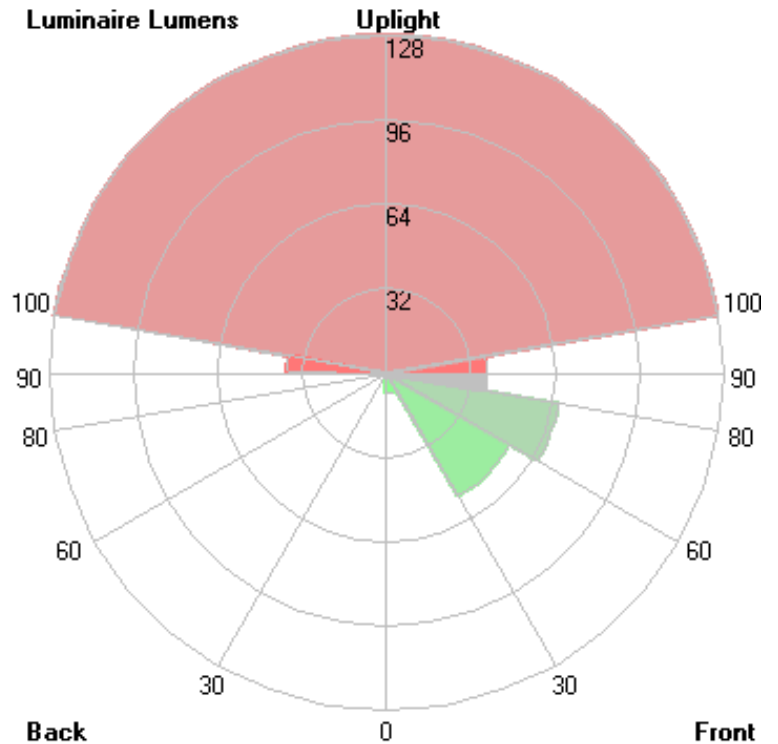
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	331
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	55
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	115 (0H, 90V)
Max. Cd. (<90 Vert.)	114.7 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	115 (34.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	114.7 (34.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	7.5	N.A.	2.3
FM (30-60)	54.1	N.A.	16.3
FH (60-80)	66.1	N.A.	20.0
FVH(80-90)	37.7	N.A.	11.4
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	< 0.05	N.A.	0.0
BH (60-80)	< 0.05	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	37.7	N.A.	11.4
UH (100-180)	127.7	N.A.	38.6
Total	330.8	N.A.	100.0
BUG Rating	B0-U3-G1		



Mounting Height = 1 ft. Grid Spacing = 2 ft.



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