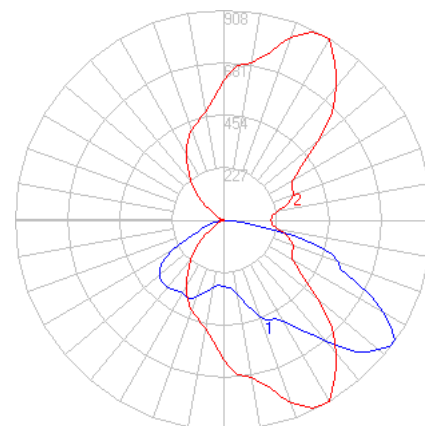


BEGA

Photometric Filename: 99446.IES

TEST: BE_99446
TEST LAB: BEGA
DATE: 8/23/2016
LUMINAIRE: 99 446
LAMP: 11.8W LED



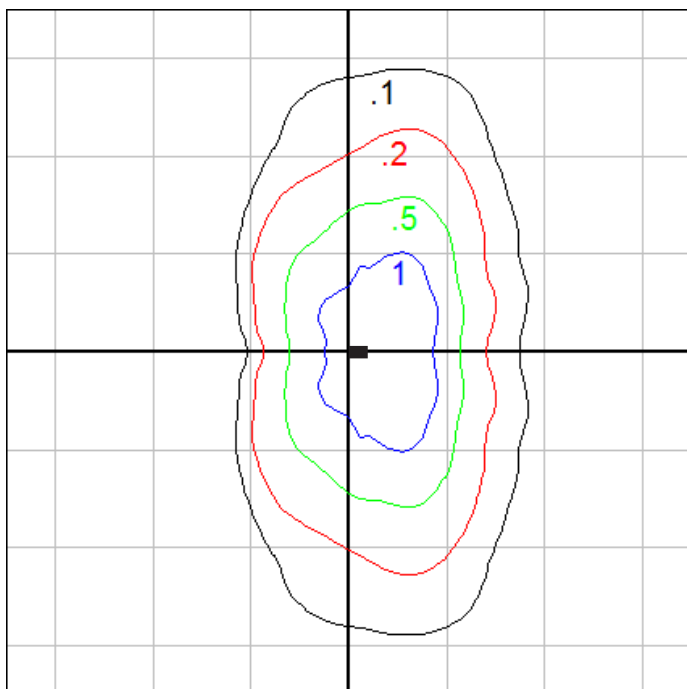
Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1739
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	16
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	908 (300H, 55V)
Max. Cd. (<90 Vert.)	908 (300H, 55V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	176.6 (10.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

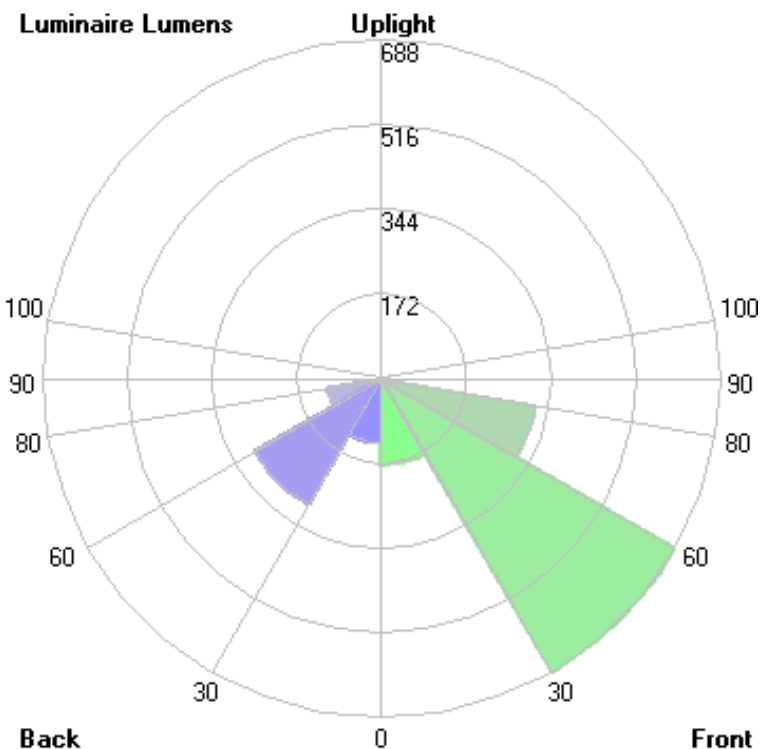
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	175.9	N.A.	10.1
FM (30-60)	687.8	N.A.	39.6
FH (60-80)	317.5	N.A.	18.3
FVH (80-90)	14.0	N.A.	0.8
BL (0-30)	131.6	N.A.	7.6
BM (30-60)	296.3	N.A.	17.0
BH (60-80)	112.3	N.A.	6.5
BVH (80-90)	3.6	N.A.	0.2
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1739.0	N.A.	100.0

BUG Rating B1-U0-G1



Mounting Height = 16 ft.
Grid Spacing = 15 ft.
(Pole 916HR)



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

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3/22/2018