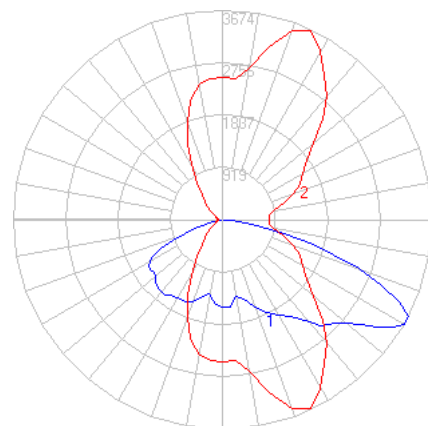


BEGA

Photometric Filename: 99454.ies

TEST: L081708901
TEST LAB: LIGHT LABORATORY, INC.
DATE: 8/30/2017
LUMINAIRE: 99 454
LAMP: 47.2W LED



All results in accordance with IESNA LM-79

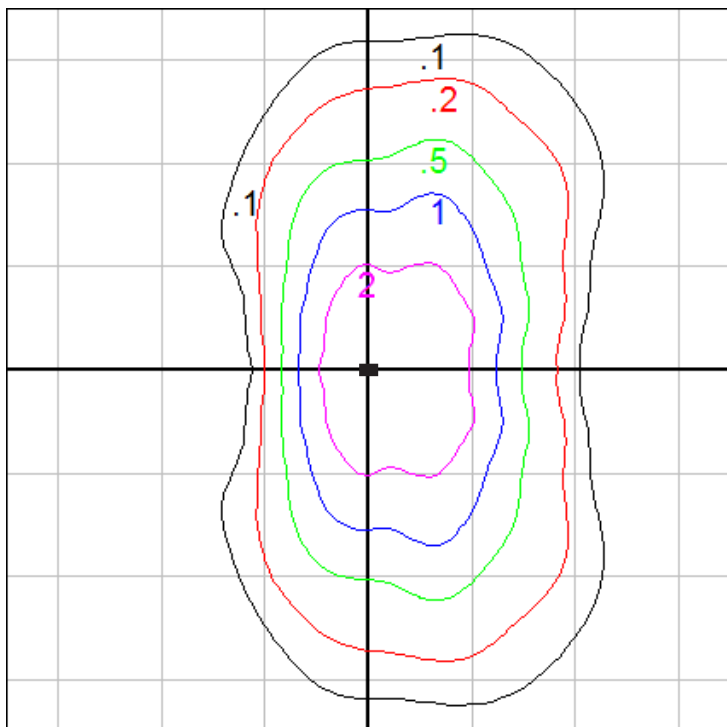
Characteristics

IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7343
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	59.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	3674 (65H, 60V)
Max. Cd. (<90 Vert.)	3674 (65H, 60V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	532 (7.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

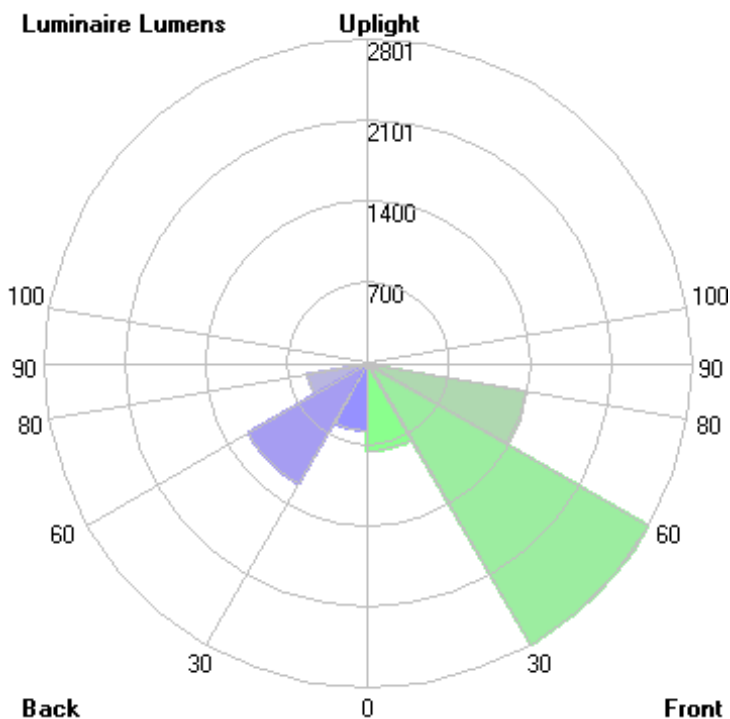
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	754.1	N.A.	10.3
FM (30-60)	2800.8	N.A.	38.1
FH (60-80)	1380.0	N.A.	18.8
FVH (80-90)	65.7	N.A.	0.9
BL (0-30)	583.9	N.A.	8.0
BM (30-60)	1201.5	N.A.	16.4
BH (60-80)	530.5	N.A.	7.2
BVH (80-90)	26.6	N.A.	0.4
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	7343.1	N.A.	100.0

BUG Rating B2-U0-G2



Mounting Height = 20 ft.

Grid Spacing = 20 ft.



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

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3/20/2018