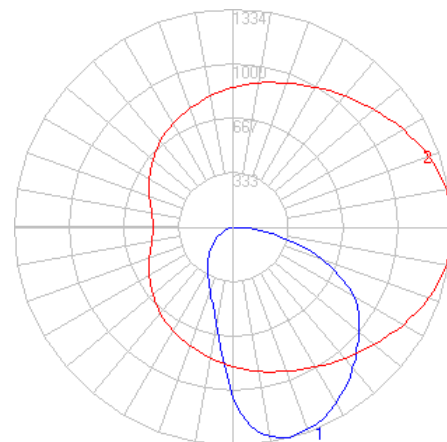


BEGA

Photometric Filename: 99407.IES

TEST: BE_99407
TEST LAB: BEGA
DATE: 7/3/2017
LUMINAIRE: 99 407
LAMP: 23.6W LED



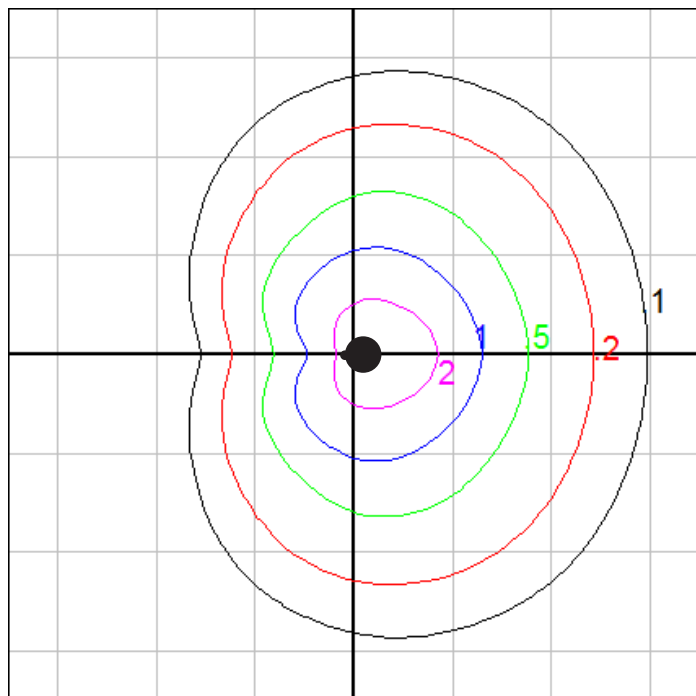
Characteristics

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3117
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	28
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1333.9 (360H, 15V)
Max. Cd. (<90 Vert.)	1333.9 (360H, 15V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	249.8 (8.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

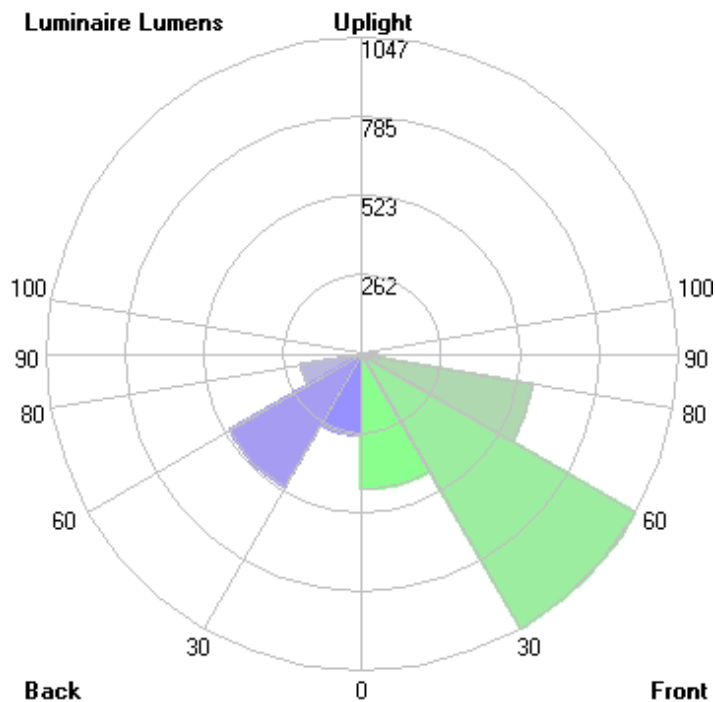
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	446.7	N.A.	14.3
FM (30-60)	1046.8	N.A.	33.6
FH (60-80)	574.5	N.A.	18.4
FVH (80-90)	52.3	N.A.	1.7
BL (0-30)	270.2	N.A.	8.7
BM (30-60)	507.8	N.A.	16.3
BH (60-80)	204.9	N.A.	6.6
BVH (80-90)	13.5	N.A.	0.4
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	3116.7	N.A.	100.0

BUG Rating B1-U0-G1



Mounting Height = 17 ft. 8 in. (Pole - 1708HR)
Grid Spacing = 15 ft.



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

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4/18/2018