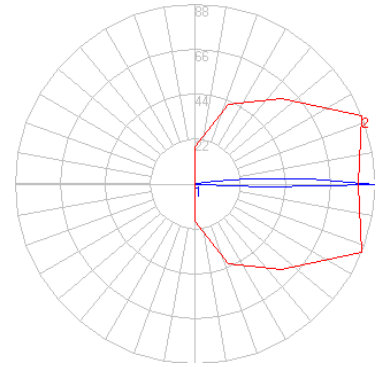


BEGA

Photometric Filename: 88801.ies

TEST: 24027
 TEST LAB: LIGHTING SCIENCES, INC.
 DATE: 8/21/2008
 LUMINAIRE: 88 801
 LAMP: 3W LED



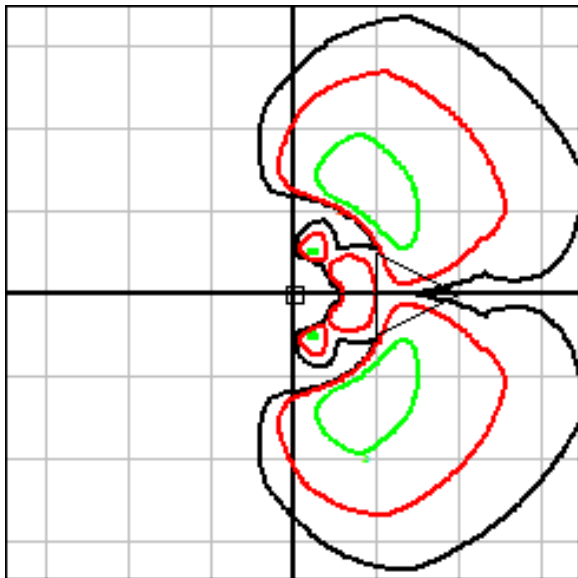
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Long
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	21
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	4
Total Luminaire Watts	4.7
Ballast Factor	1.00
Upward Waste Light Ratio	0.53
Max. Cd.	88 (337.5H, 90V)
Max. Cd. (<90 Vert.)	51.7 (292.5H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	88 (419.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	51.7 (246.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

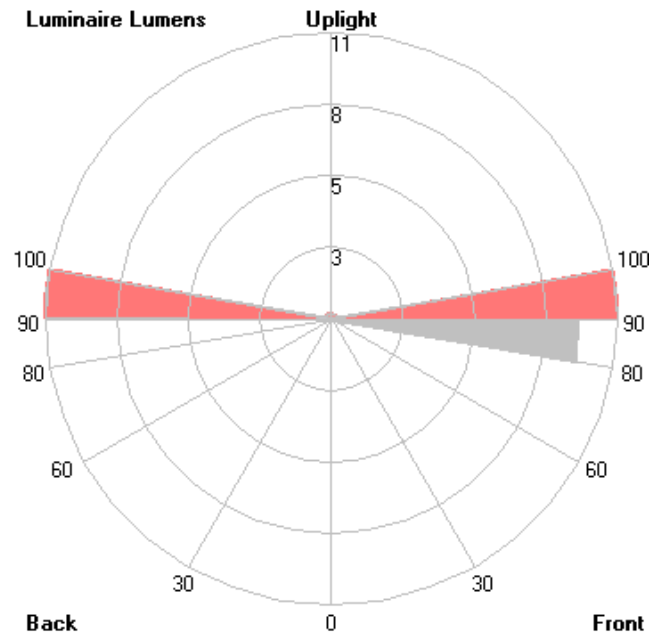
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	0.0	N.A.	0.0
FM (30-60)	0.0	N.A.	0.0
FH (60-80)	< 0.05	N.A.	0.2
FVH(80-90)	9.4	N.A.	44.8
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	< 0.05	N.A.	0.0
BVH(80-90)	0.5	N.A.	2.4
UL (90-100)	10.8	N.A.	51.9
UH (100-180)	0.2	N.A.	0.9
Total	20.9	N.A.	100.0

BUG Rating B0-U2-G0



Mounting Height = 0.1 ft. Grid Spacing = 1 ft.



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

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9/15/2015