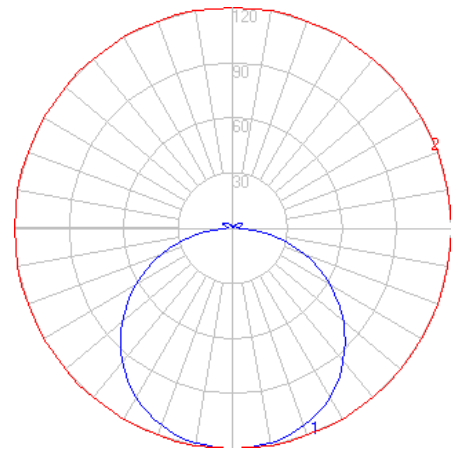


# BEGA

Photometric Filename: 33449.IES

TEST: BE\_33449  
TEST LAB: BEGA  
DATE: 2/9/2017  
LUMINAIRE: 33 449  
LAMP: 8.2W LED



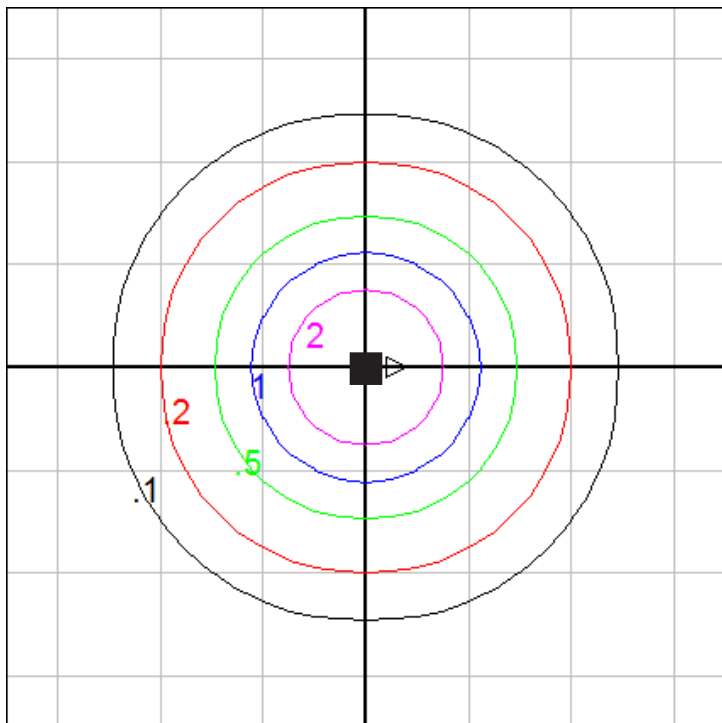
## Characteristics

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	420
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	42
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.06
Max. Cd.	120.4 (90H, 0V)
Max. Cd. (<90 Vert.)	120.4 (90H, 0V)
Max. Cd. (At 90 Deg. Vert.)	7.4 (1.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	23.9 (5.7%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

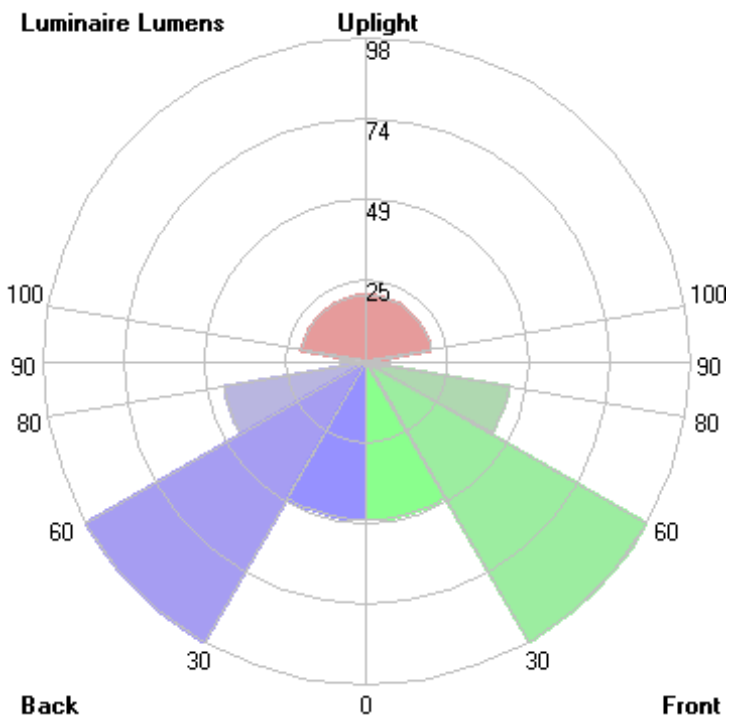
## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	48.0	N.A.	11.4
FM (30-60)	98.4	N.A.	23.4
FH (60-80)	44.1	N.A.	10.5
FVH(80-90)	7.3	N.A.	1.7
BL (0-30)	48.0	N.A.	11.4
BM (30-60)	98.4	N.A.	23.4
BH (60-80)	44.1	N.A.	10.5
BVH(80-90)	7.3	N.A.	1.7
UL (90-100)	4.8	N.A.	1.1
UH (100-180)	19.9	N.A.	4.7
Total	420.3	N.A.	100.0

BUG Rating B0-U2-G0



Mounting Height = 5 ft. Grid Spacing = 5 ft.



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

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8/15/2018