

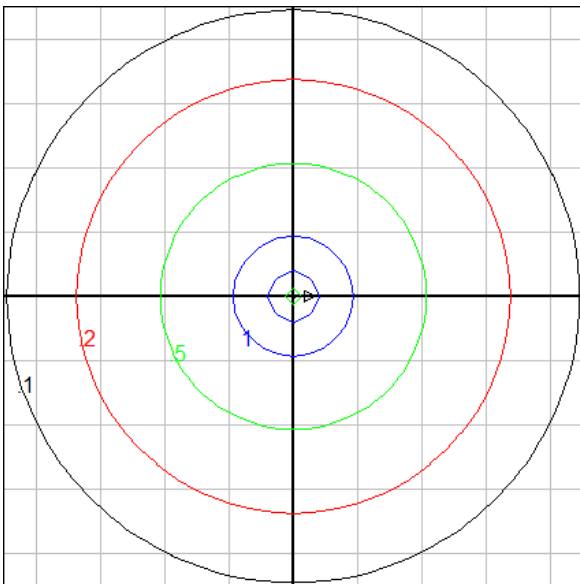
# BEGA

Photometric Filename: 77121.ies

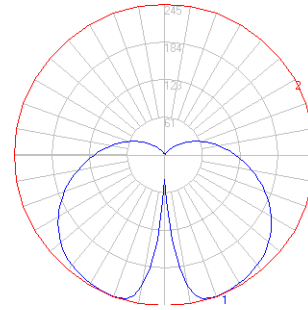
TEST: N/A  
 TEST LAB: BEGA  
 DATE: 08/10/2015  
 LUMINAIRE: 77 121  
 LAMP: 16W LED

## Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1499
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	79
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.19
Max. Cd.	245.4 (0H, 20V)
Max. Cd. (<90 Vert.)	245.4 (0H, 20V)
Max. Cd. (At 90 Deg. Vert.)	115.6 (7.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	144.6 (9.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)



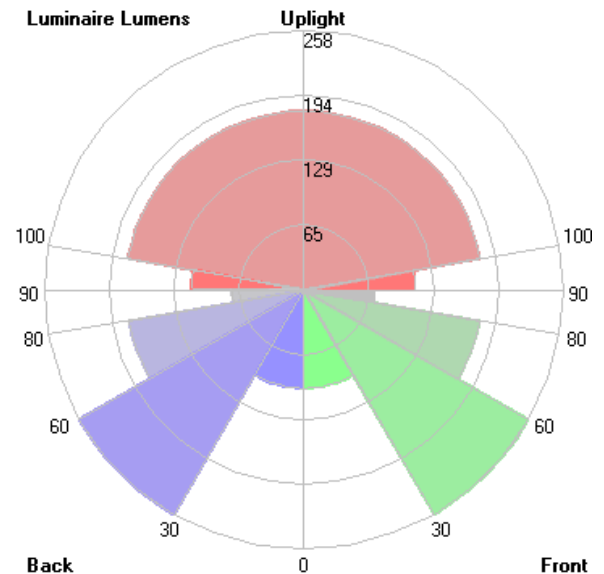
Mounting Height = 14 ft. Grid Spacing = 6 ft.



## Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	98.2	N.A.	6.6
FM (30-60)	258.3	N.A.	17.2
FH (60-80)	177.3	N.A.	11.8
FVH(80-90)	70.9	N.A.	4.7
BL (0-30)	98.2	N.A.	6.6
BM (30-60)	258.3	N.A.	17.2
BH (60-80)	177.3	N.A.	11.8
BVH(80-90)	70.9	N.A.	4.7
UL (90-100)	111.2	N.A.	7.4
UH (100-180)	177.9	N.A.	11.9
Total	1498.5	N.A.	100.0

**BUG Rating B1-U3-G1**



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

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