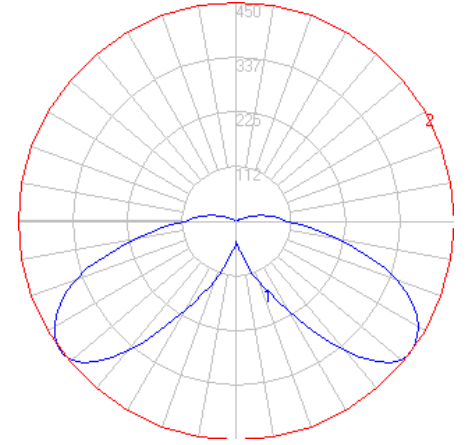


# BEGA



Photometric Filename: 77181.ies

TEST: BE\_77181  
 TEST LAB: BEGA  
 DATE: 1/8/2018  
 LUMINAIRE: 77 181  
 LAMP: 23.4W LED

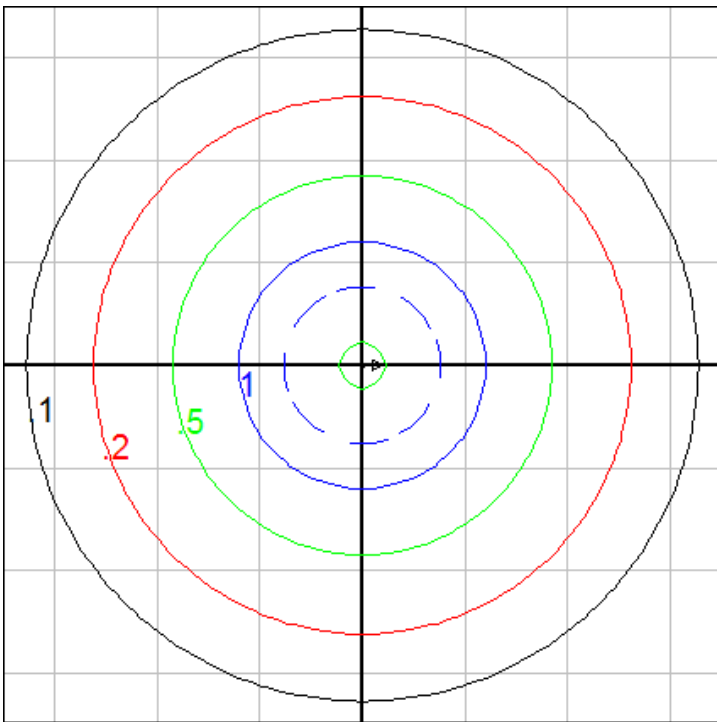
**Characteristics**

IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2018
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	75
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.08
Max. Cd.	449.9 (0H, 52.5V)
Max. Cd. (<90 Vert.)	449.9 (0H, 52.5V)
Max. Cd. (At 90 Deg. Vert.)	103.3 (5.1%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	212.2 (10.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

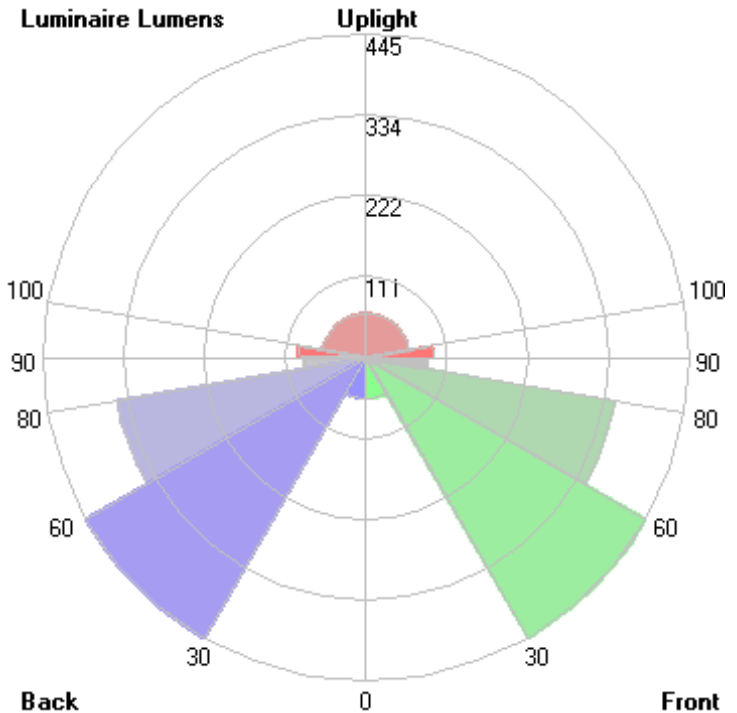
**Lum. Classification System (LCS)**

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	56.7	N.A.	2.8
FM (30-60)	444.7	N.A.	22.0
FH (60-80)	347.2	N.A.	17.2
FVH (80-90)	84.0	N.A.	4.2
BL (0-30)	56.7	N.A.	2.8
BM (30-60)	444.7	N.A.	22.0
BH (60-80)	347.2	N.A.	17.2
BVH (80-90)	84.0	N.A.	4.2
UL (90-100)	92.8	N.A.	4.6
UH (100-180)	60.2	N.A.	3.0
Total	2018.2	N.A.	100.0

**BUG Rating B1-U3-G1**



Mounting Height = 12 ft. (Pole 906HR)  
 Grid Spacing = 10 ft.



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