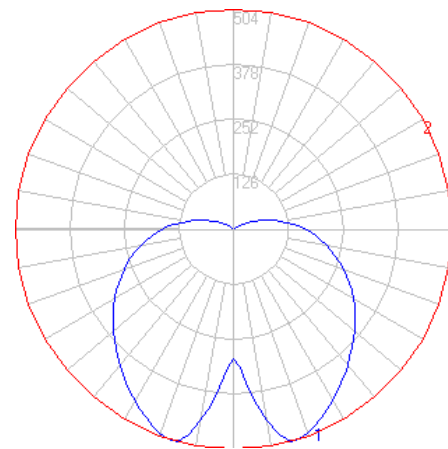


BEGA

Photometric Filename: 77180.ies

TEST: BE_77180
TEST LAB: BEGA
DATE: 9/8/2017
LUMINAIRE: 77 180
LAMP: 23.4W LED



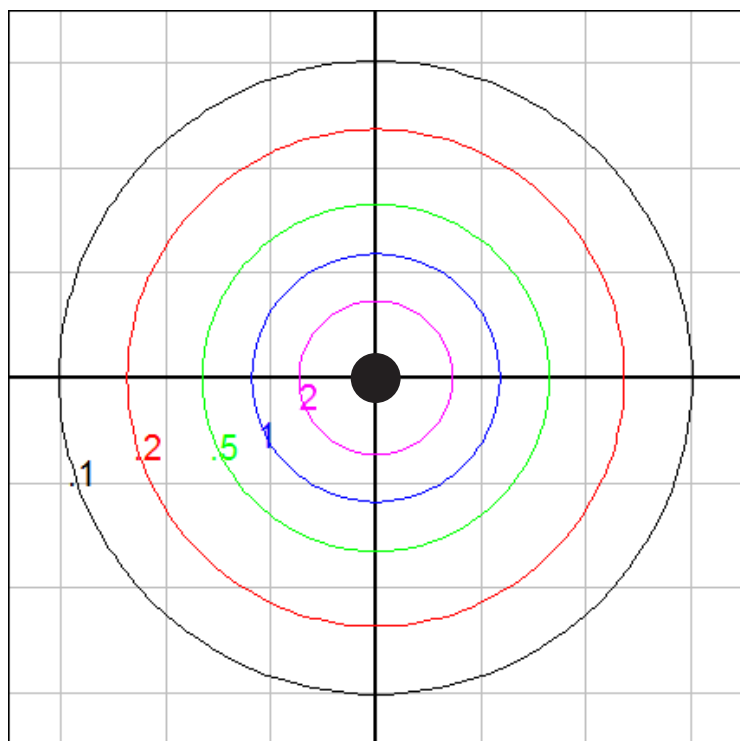
Characteristics

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2368
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.12
Max. Cd.	517.7 (0H, 17.5V)
Max. Cd. (<90 Vert.)	517.7 (0H, 17.5V)
Max. Cd. (At 90 Deg. Vert.)	169.8 (7.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	224.1 (9.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

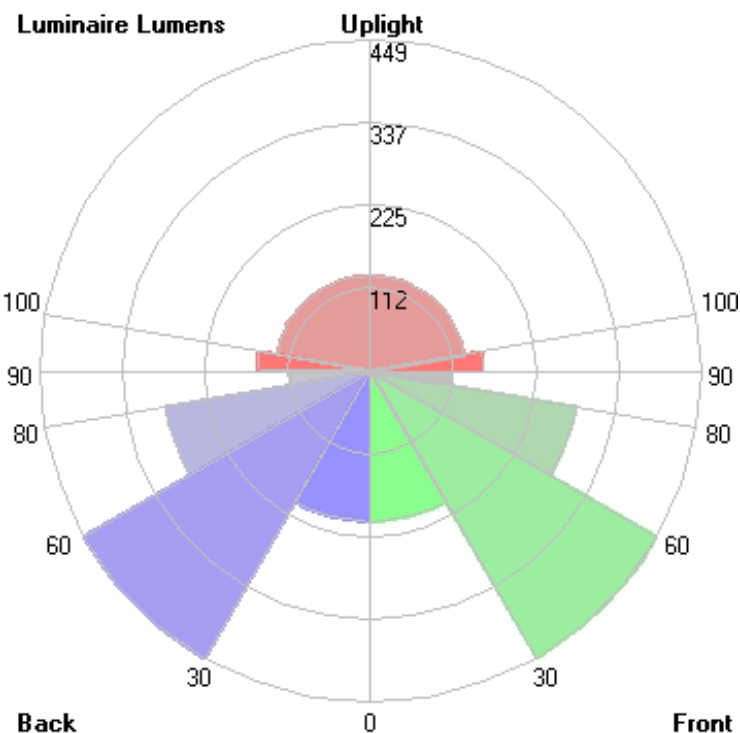
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	204.3	N.A.	8.6
FM (30-60)	449.1	N.A.	19.0
FH (60-80)	282.1	N.A.	11.9
FVH (80-90)	107.5	N.A.	4.5
BL (0-30)	204.3	N.A.	8.6
BM (30-60)	449.1	N.A.	19.0
BH (60-80)	282.1	N.A.	11.9
BVH (80-90)	107.5	N.A.	4.5
UL (90-100)	152.9	N.A.	6.5
UH (100-180)	128.8	N.A.	5.4
Total	2367.7	N.A.	100.0

BUG Rating B1-U3-G2



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.

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7/19/2018