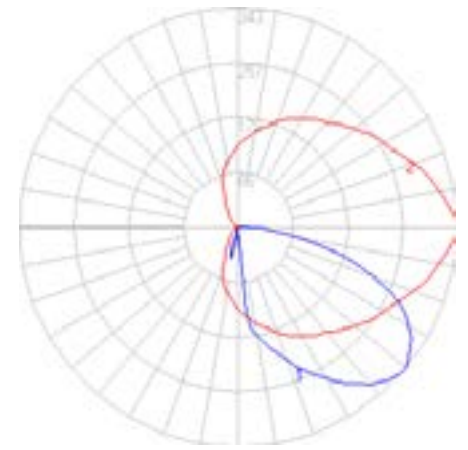


BEGA

Photometric Filename: 77735.ies

TEST: BE_77735
 TEST LAB: BEGA
 DATE: 9/13/2012
 LUMINAIRE: 77 735
 LAMP: 12.3W LED



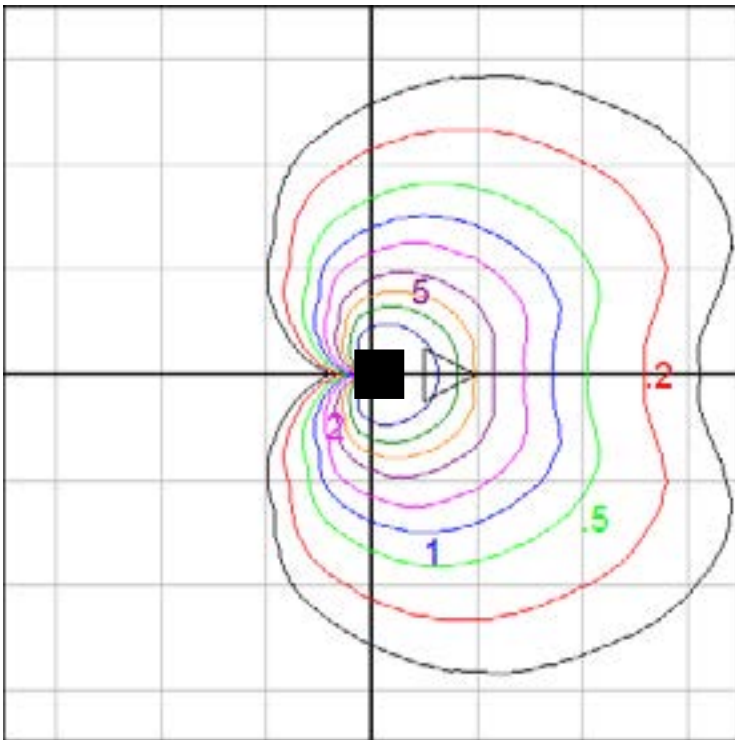
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	648
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	41
Total Luminaire Watts	16
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	343.206 (360H, 50V)
Max. Cd. (<90 Vert.)	343.206 (360H, 50V)
Max. Cd. (At 90 Deg. Vert.)	53.13 (8.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	139.794 (21.6%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

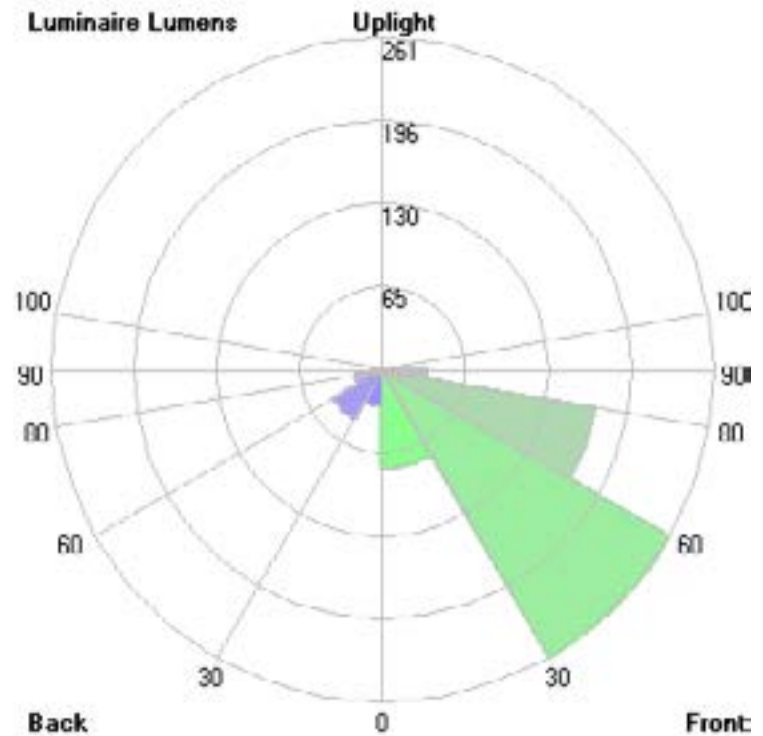
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	77.0	N.A.	11.9
FM (30-60)	261.0	N.A.	40.2
FH (60-80)	170.0	N.A.	26.2
FVH (80-90)	34.9	N.A.	5.4
BL (0-30)	28.5	N.A.	4.4
BM (30-60)	43.8	N.A.	6.8
BH (60-80)	21.7	N.A.	3.4
BVH (80-90)	3.5	N.A.	0.5
UL (90-100)	7.3	N.A.	1.1
UH (100-180)	0.7	N.A.	0.1
Total	648.4	N.A.	100.0

BUG Rating B0-U1-G1



Grid Spacing = 2 ft.

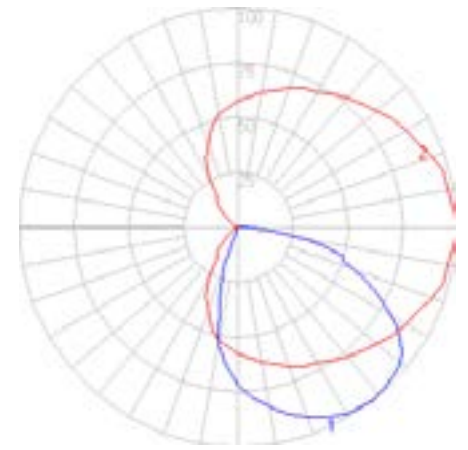


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

Photometric Filename: 77735AMB.ies

TEST: L121804112
 TEST LAB: Light Laboratory, Inc.
 DATE: 1/18/2019
 LUMINAIRE: 77 735 Amber
 LAMP: (3) 4.5W LED



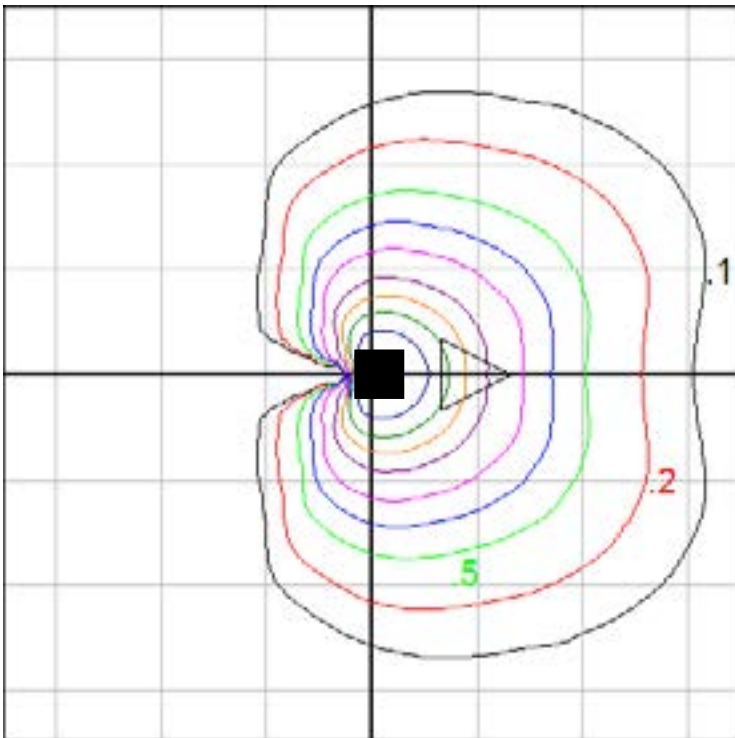
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	230
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	13
Total Luminaire Watts	17.13
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Max. Cd.	100.32 (0H, 37.5V)
Max. Cd. (<90 Vert.)	100.32 (0H, 37.5V)
Max. Cd. (At 90 Deg. Vert.)	14.81 (6.4%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	39.56 (17.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

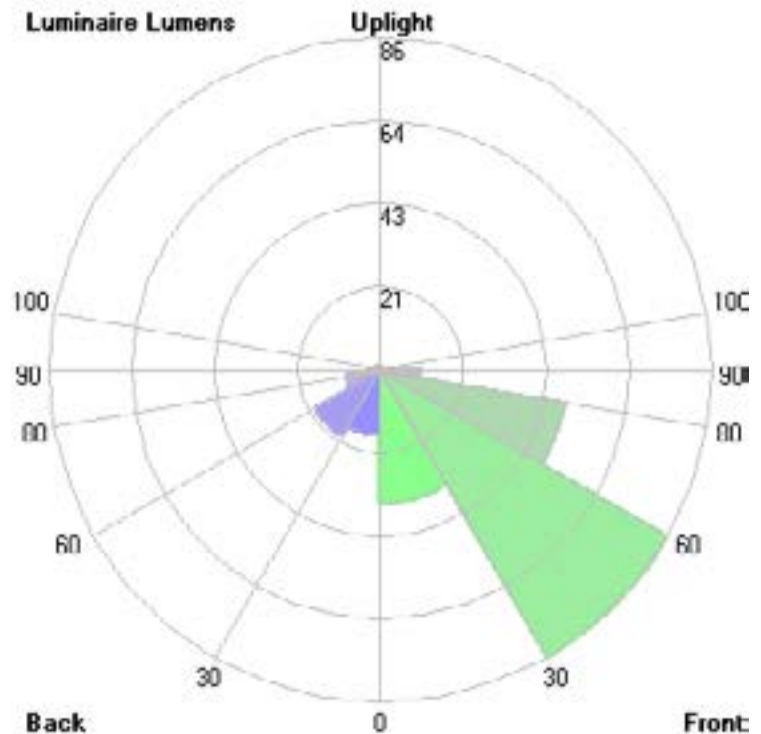
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	34.3	N.A.	14.9
FM (30-60)	85.7	N.A.	37.3
FH (60-80)	48.4	N.A.	21.1
FVH(80-90)	10.4	N.A.	4.5
BL (0-30)	16.9	N.A.	7.4
BM (30-60)	19.6	N.A.	8.5
BH (60-80)	9.0	N.A.	3.9
BVH(80-90)	1.5	N.A.	0.6
UL (90-100)	2.8	N.A.	1.2
UH (100-180)	1.2	N.A.	0.5
Total	229.8	N.A.	100.0

BUG Rating B0-U1-G1



Grid Spacing = 1.5 ft.



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