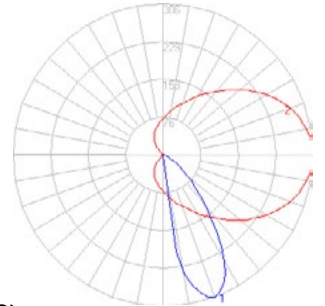


BEGA

Photometric Filename: 77239K3.ies

TEST: BE8195
 TEST LAB: BEGA
 DATE: 3/7/2016
 LUMINAIRE: 77239
 LAMP: 1.9W LED



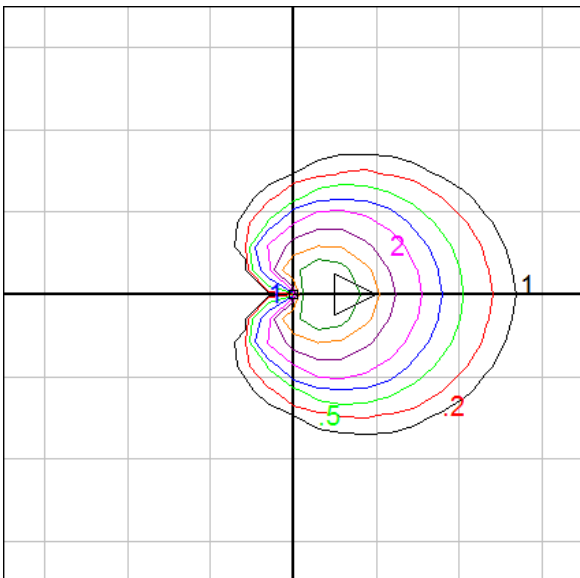
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	146
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	36
Total Luminaire Watts	4
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	305.9 (360H, 20V)
Max. Cd. (<90 Vert.)	305.9 (360H, 20V)
Max. Cd. (At 90 Deg. Vert.)	.6 (0.4%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.4 (1.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

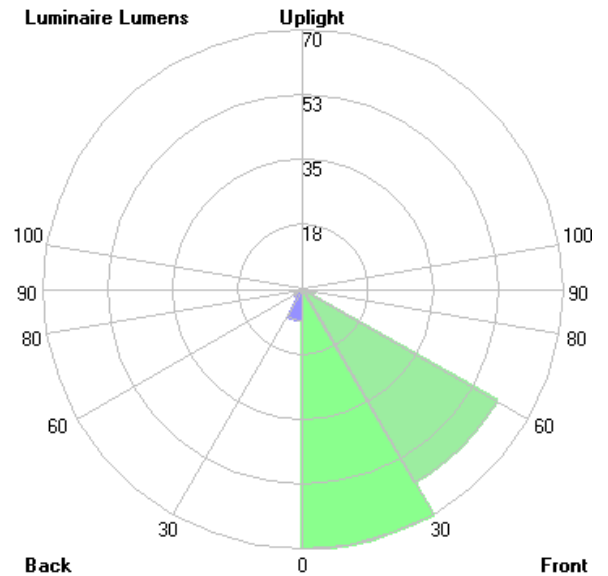
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	70.4	N.A.	48.3
FM (30-60)	60.5	N.A.	41.5
FH (60-80)	3.3	N.A.	2.3
FVH (80-90)	0.3	N.A.	0.2
BL (0-30)	8.6	N.A.	5.9
BM (30-60)	2.6	N.A.	1.8
BH (60-80)	0.1	N.A.	0.1
BVH (80-90)	< 0.05	N.A.	0.0
UL (90-100)	0.1	N.A.	0.0
UH (100-180)	< 0.05	N.A.	0.0
Total	145.9	N.A.	100.0

BUG Rating B0-U1-G0



Grid Spacing = 2 ft.

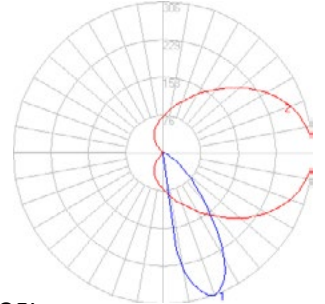


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

Photometric Filename: 77239AMB.ies

TEST: L121804113
 TEST LAB: Light Laboratory, Inc.
 DATE: 1/18/2019
 LUMINAIRE: 77249 Amber
 LAMP: 2.1W LED



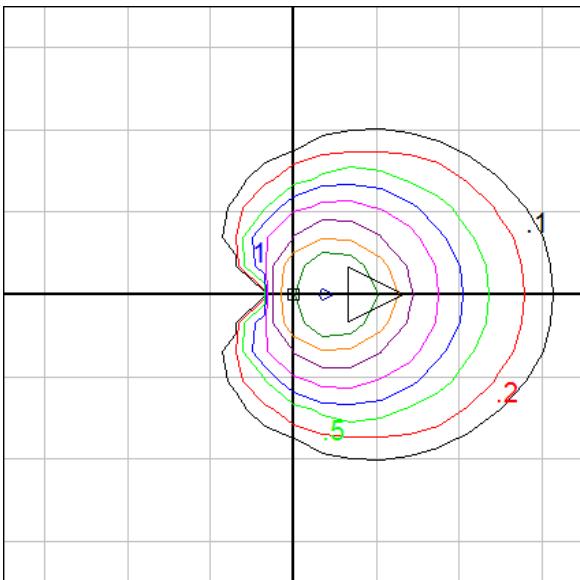
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	119
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	41
Total Luminaire Watts	2.87
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	271.11 (0H, 20V)
Max. Cd. (<90 Vert.)	271.11 (0H, 20V)
Max. Cd. (At 90 Deg. Vert.)	.68 (0.6%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1.29 (1.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

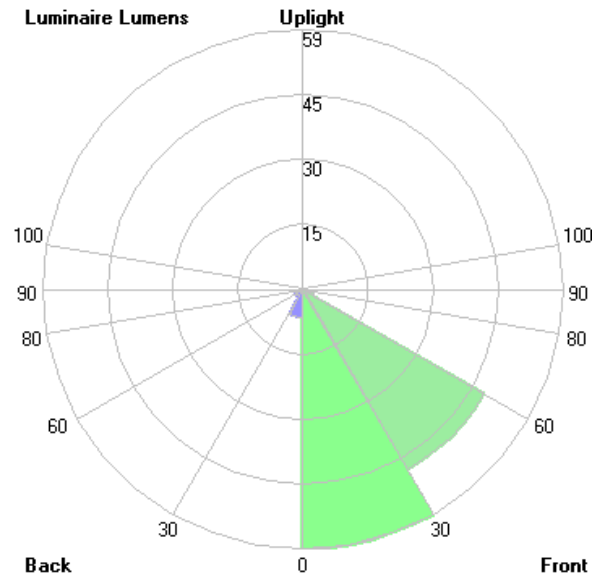
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	59.4	N.A.	49.9
FM (30-60)	47.8	N.A.	40.1
FH (60-80)	2.7	N.A.	2.3
FVH(80-90)	0.3	N.A.	0.3
BL (0-30)	6.4	N.A.	5.4
BM (30-60)	1.9	N.A.	1.6
BH (60-80)	0.2	N.A.	0.2
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	0.2	N.A.	0.2
UH (100-180)	0.1	N.A.	0.0
Total	119.0	N.A.	100.0

BUG Rating B0-U1-G0



Grid Spacing = 1.5 ft.



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