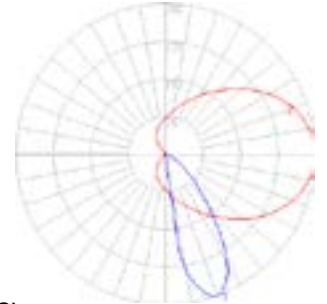


# BEGA

Photometric Filename: 77249.ies

TEST: BE8196  
 TEST LAB: BEGA  
 DATE: 3/7/2016  
 LUMINAIRE: 77249  
 LAMP: 1.9W LED



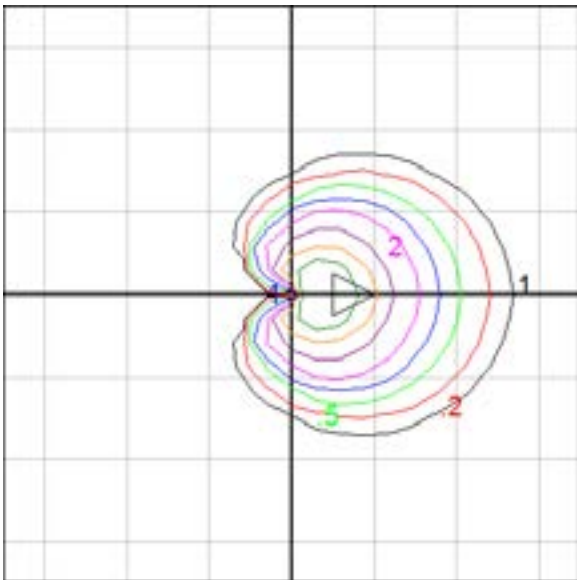
**Characteristics**

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)

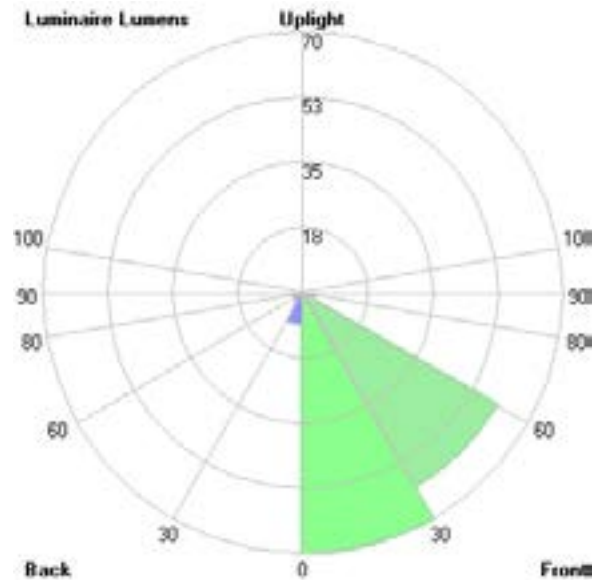
**Lum. Classification System (LCS)**

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
<b>Total</b>	<b>145.9</b>	<b>N.A.</b>	<b>100.0</b>

**BUG Rating B0-U1-G0**



Grid Spacing = 2 ft.

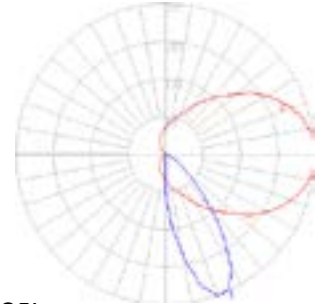


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

# BEGA

Photometric Filename: 77249AMB.ies

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



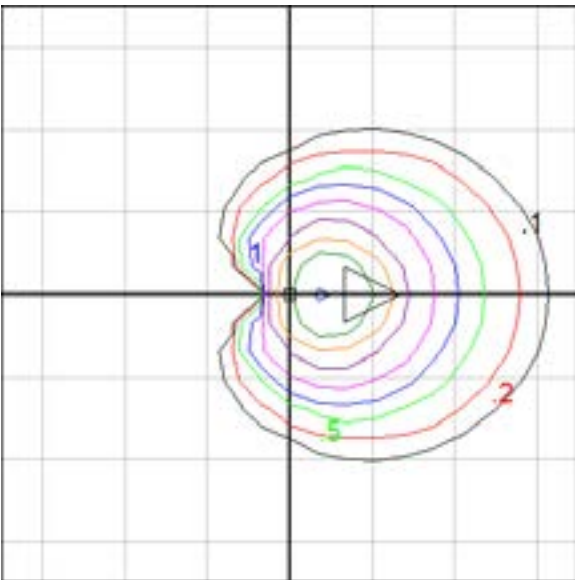
## Characteristics

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)

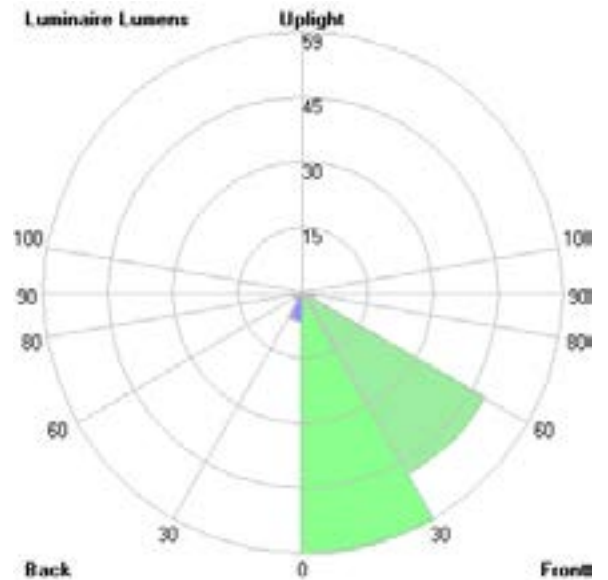
## Lum. Classification System (LCS)

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-GM=



Grid Spacing = 1.5 ft.



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