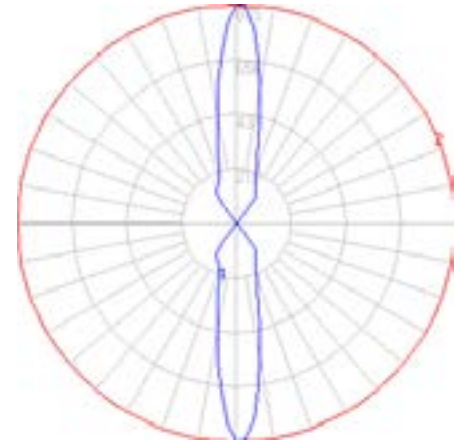


# BEGA

Photometric Filename: 33591.IES

TEST: BE\_33591  
TEST LAB: BEGA  
DATE: 4/22/2016  
LUMINAIRE: 33 591  
LAMP: 8W LED

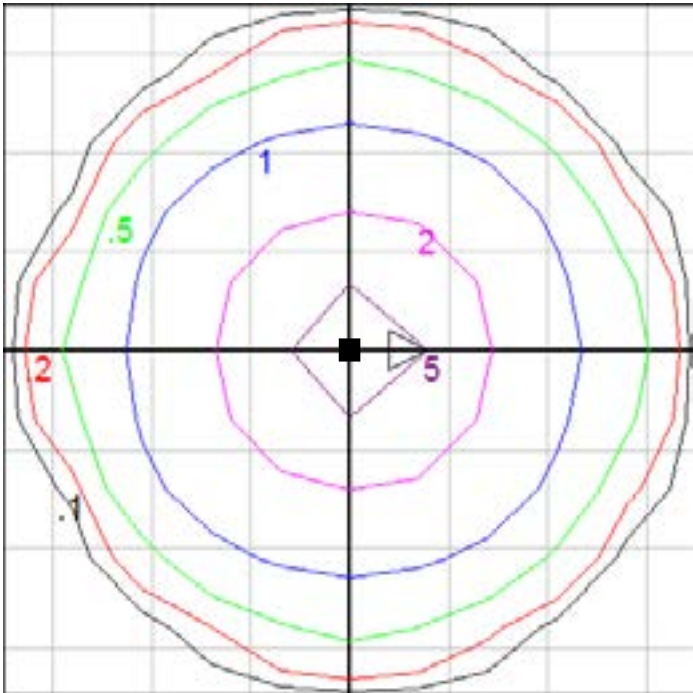


## Characteristics

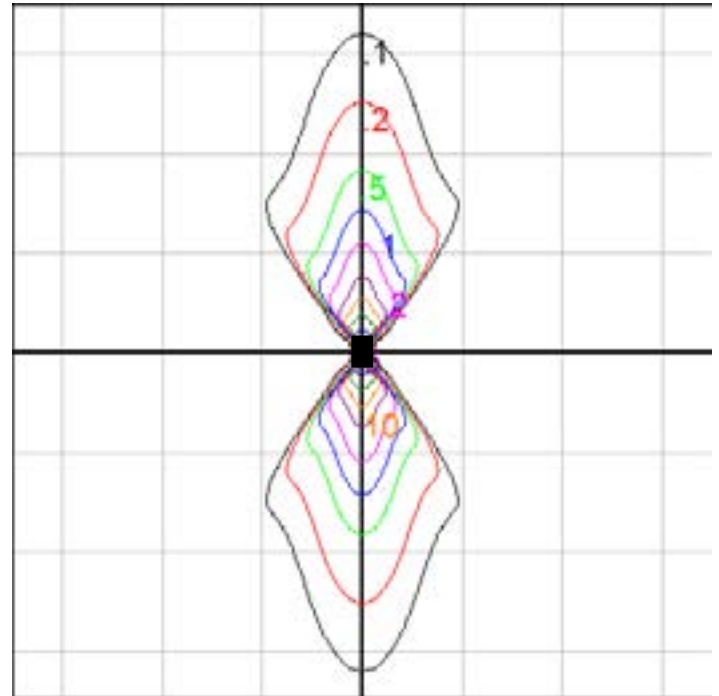
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	601
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	55
Total Luminaire Watts	11
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.28 ft (Diameter)
Luminous Height	0.00 ft

## Zonal Lumen Summary

Zone	Lumens
0-10	62.53
10-20	90.86
20-30	83.37
30-40	59.34
40-50	3.29
50-60	0.57
60-70	0.11
70-80	0.10
80-90	0.09
90-100	0.09
100-110	0.10
110-120	0.11
120-130	0.57
130-140	3.29
140-150	59.34
150-160	83.37
160-170	90.86
170-180	62.53



Wall Mount Fixture - Isofootcandle Grid on floor  
Mounting Height = 10 ft. Grid Spacing = 2.5 ft.



Wall Mount Fixture - Isofootcandle Grid on Wall  
Mounting Height = .1 ft. Grid Spacing = 3 ft.

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

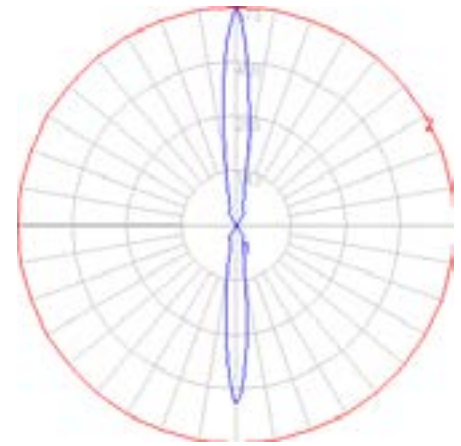
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2019

1/18/2019

# BEGA

Photometric Filename: 33591AMB.IES

TEST: L121804110  
 TEST LAB: Light Laboratory, Inc.  
 DATE: 1/18/2019  
 LUMINAIRE: 33 591 Amber  
 LAMP: (2) 4.5W LED

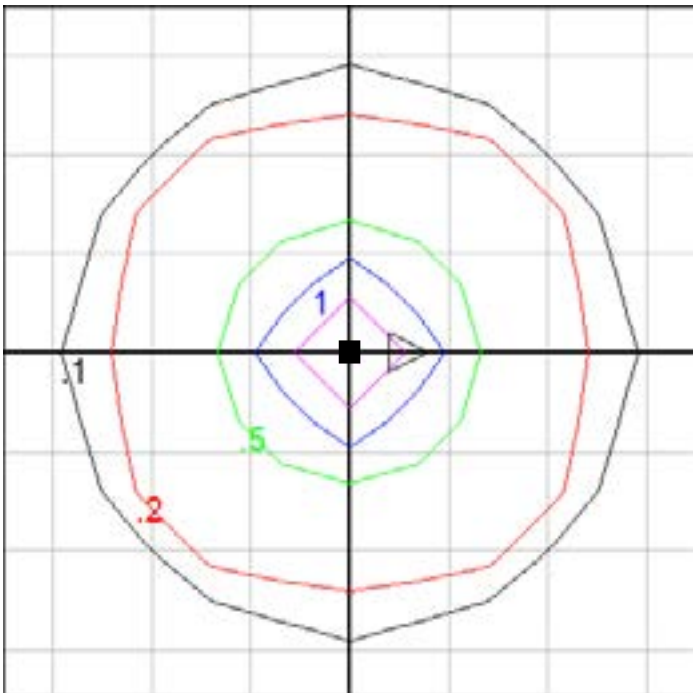


## Characteristics

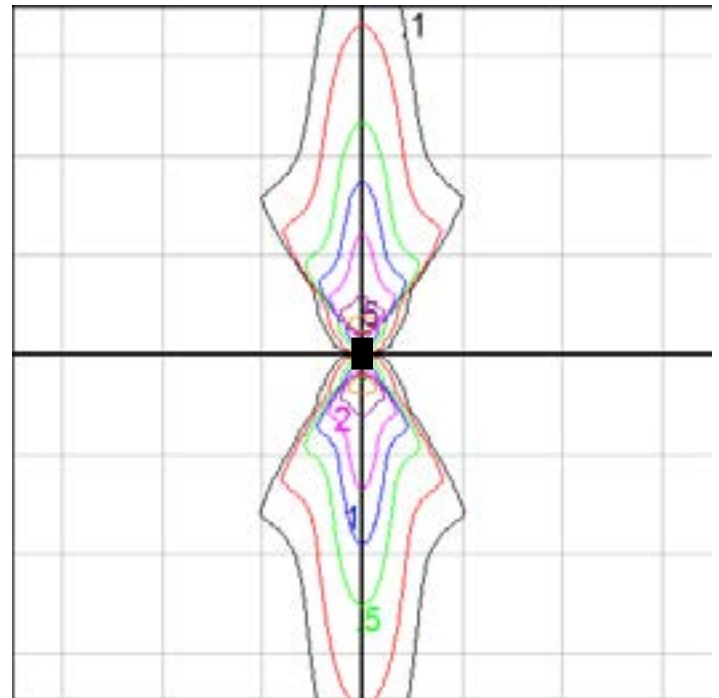
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	166
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	14
Total Luminaire Watts	11.68
Ballast Factor	1.00
Upward Waste Light Ratio	0.53
Max. Cd.	572.86 (0H, 180V)
Max. Cd. (<90 Vert.)	466.31 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.125 (0.1%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

## Zonal Lumen Summary

Zone	Lumens
0-10	21.08
10-20	22.14
20-30	17.45
30-40	13.92
40-50	1.59
50-60	0.69
60-70	0.47
70-80	0.25
80-90	0.15
90-100	0.02
100-110	0.13
110-120	0.26
120-130	0.49
130-140	1.30
140-150	8.49
150-160	21.47
160-170	24.27
170-180	31.81



Wall Mount Fixture - Isofootcandle Grid on floor  
 Mounting Height = 10 ft. Grid Spacing = 2.5 ft.



Wall Mount Fixture - Isofootcandle Grid on Wall  
 Grid Spacing = 3 ft.

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

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1/18/2019