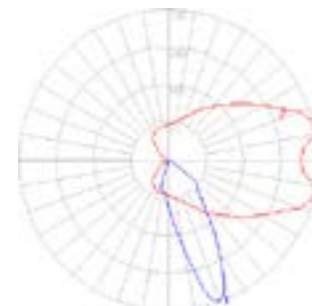


BEGA

Photometric Filename: 33539.ies

TEST: BE3188
TEST LAB: BEGA
DATE: 4/6/2010
LUMINAIRE: 33 539
LAMP: 3.2W LED



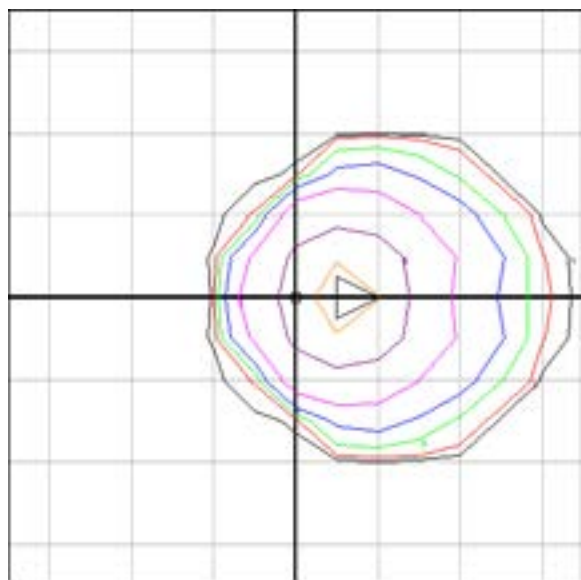
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	145
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	29
Total Luminaire Watts	5
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	330.064 (10H, 20V)
Max. Cd. (<90 Vert.)	330.064 (10H, 20V)
Max. Cd. (At 90 Deg. Vert.)	.27 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.662 (0.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

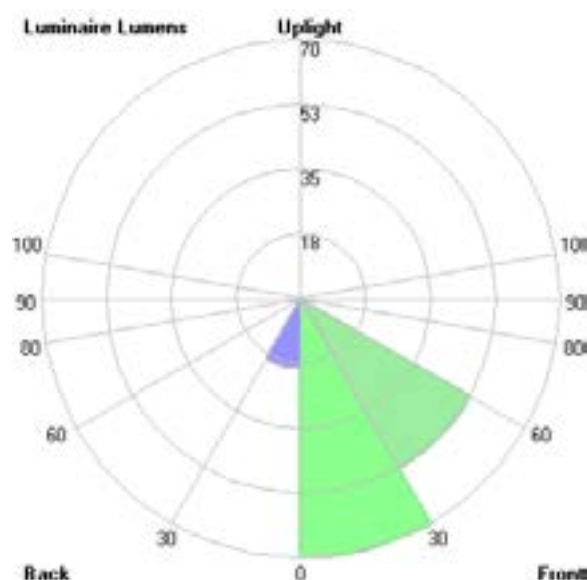
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	70.4	N.A.	48.5
FM (30-60)	53.2	N.A.	36.6
FH (60-80)	1.1	N.A.	0.8
FVH(80-90)	0.1	N.A.	0.1
BL (0-30)	18.7	N.A.	12.9
BM (30-60)	1.4	N.A.	1.0
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)	0.2	N.A.	0.1
Total	145.3	N.A.	100.0

BUG Rating B0-U1-G0



Mounting Height = 4 ft. Grid Spacing = 2 ft.



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

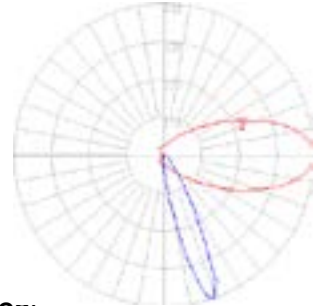
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1/18/2019

BEGA

Photometric Filename: 33539AMB.ies

TEST: L121804111
 TEST LAB: Light Laboratory, Inc.
 DATE: 1/16/2019
 LUMINAIRE: 33 539 Amber
 LAMP: 2.1W LED



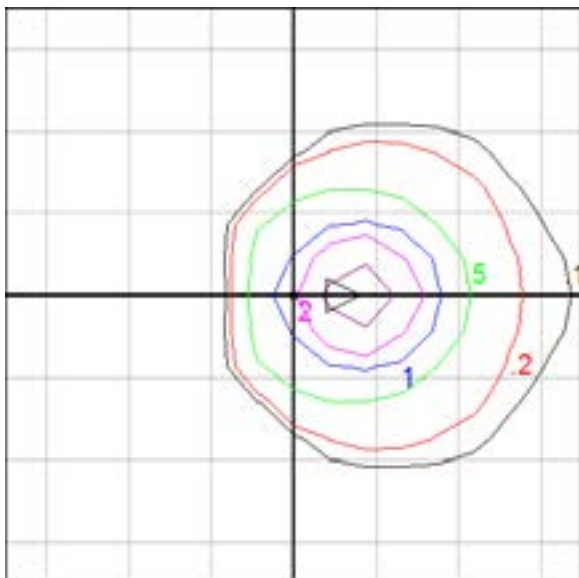
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	81
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	28
Total Luminaire Watts	2.9
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	439.43 (0H, 19.5V)
Max. Cd. (<90 Vert.)	439.43 (0H, 19.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	.2 (0.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

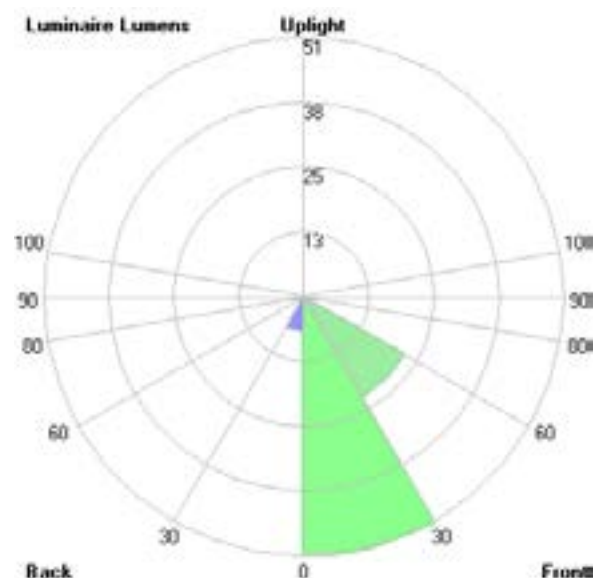
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	50.7	N.A.	62.5
FM (30-60)	22.6	N.A.	27.8
FH (60-80)	0.6	N.A.	0.7
FVH(80-90)	< 0.05	N.A.	0.0
BL (0-30)	6.7	N.A.	8.3
BM (30-60)	0.5	N.A.	0.6
BH (60-80)	< 0.05	N.A.	0.0
BVH(80-90)	< 0.05	N.A.	0.0
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	81.1	N.A.	100.0

BUG Rating B0-U0-G0



Mounting Height = 6 ft. Grid Spacing = 2.5 ft.



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

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