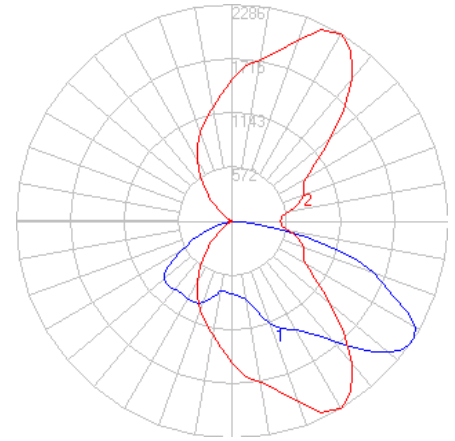


BEGA

Photometric Filename: 99433.IES

TEST: BE_99556
TEST LAB: BEGA
DATE: 2/25/2016
LUMINAIRE: 99 433
LAMP: 31.4W LED



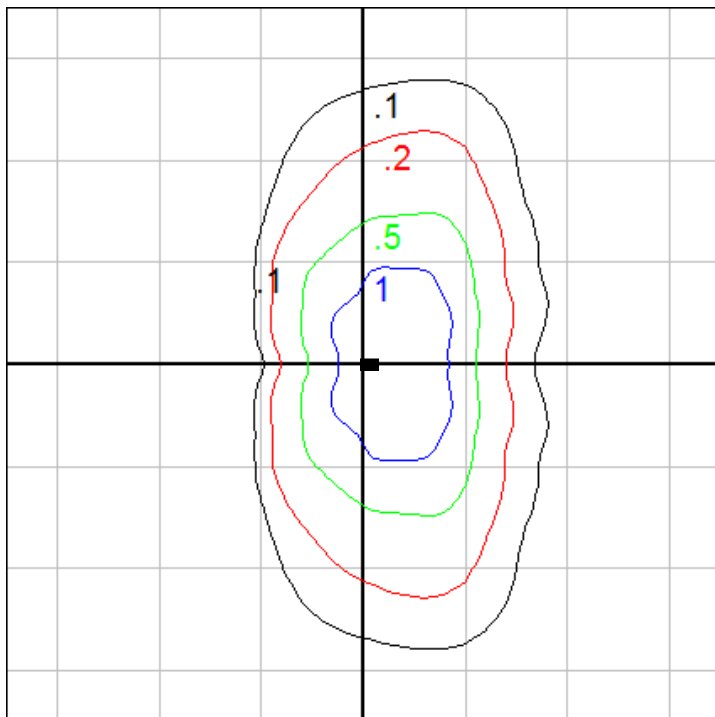
Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4555
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	35
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	2286.4 (300H, 57.5V)
Max. Cd. (<90 Vert.)	2286.4 (300H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	490.8 (10.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

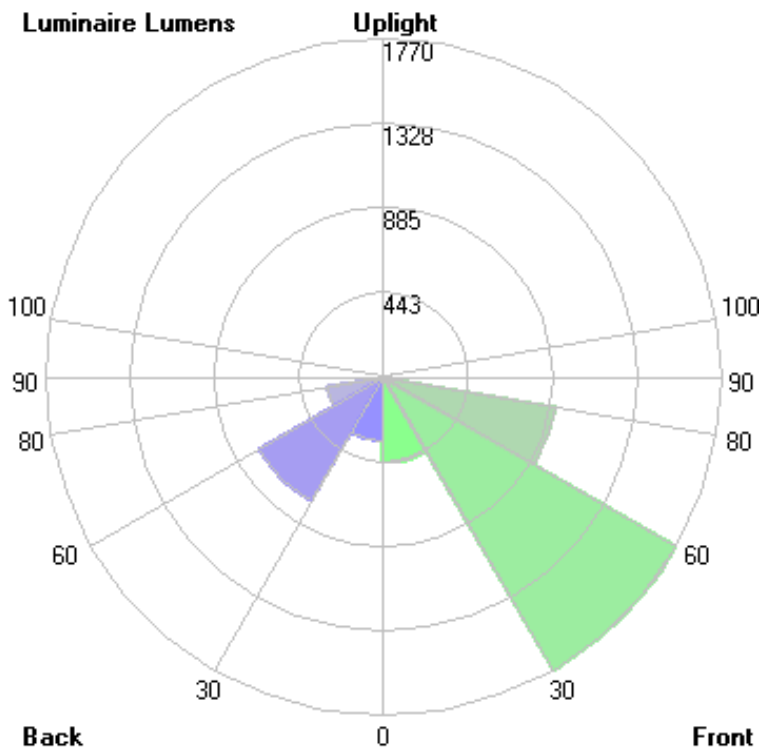
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	449.3	N.A.	9.9
FM (30-60)	1770.3	N.A.	38.9
FH (60-80)	910.5	N.A.	20.0
FVH (80-90)	37.2	N.A.	0.8
BL (0-30)	333.2	N.A.	7.3
BM (30-60)	750.6	N.A.	16.5
BH (60-80)	296.8	N.A.	6.5
BVH (80-90)	6.6	N.A.	0.1
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	4554.5	N.A.	100.0

BUG Rating B1-U0-G1



Mounting Height = 25 ft. Grid Spacing = 25 ft.



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

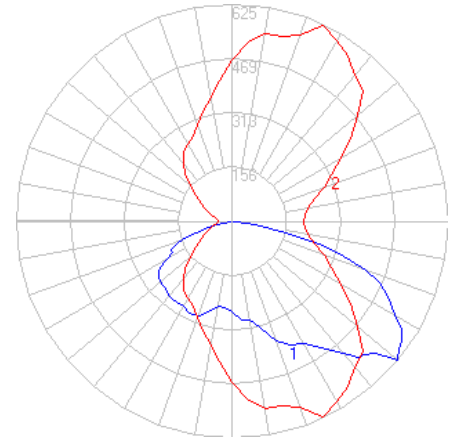
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8/6/2019

BEGA

Photometric Filename: 99433AMB.
IES

TEST: L061914301
TEST LAB: LIGHT
LABORATORY, INC.
DATE: 7/17/2019
LUMINAIRE: 99 433 Amber
LAMP: 35.2W LED



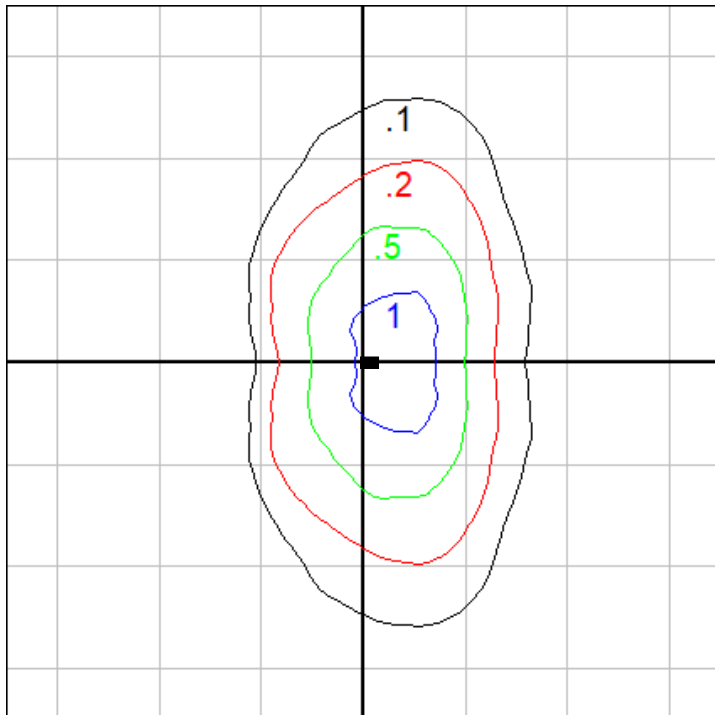
Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1285
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	31
Total Luminaire Watts	41.11
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	625.29 (65H, 50V)
Max. Cd. (<90 Vert.)	625.29 (65H, 50V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	67.12 (5.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

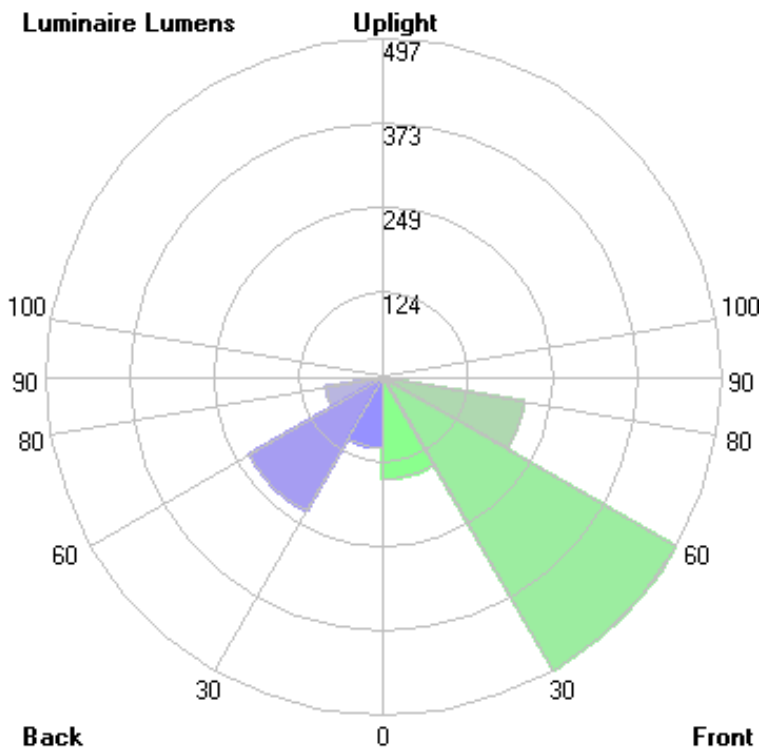
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	149.6	N.A.	11.6
FM (30-60)	497.0	N.A.	38.7
FH (60-80)	209.4	N.A.	16.3
FVH(80-90)	7.0	N.A.	0.5
BL (0-30)	105.2	N.A.	8.2
BM (30-60)	227.6	N.A.	17.7
BH (60-80)	85.3	N.A.	6.6
BVH(80-90)	3.6	N.A.	0.3
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1284.7	N.A.	100.0

BUG Rating B1-U0-G0



Mounting Height = 15 ft. 8 in.

Grid Spacing = 15 ft.



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

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