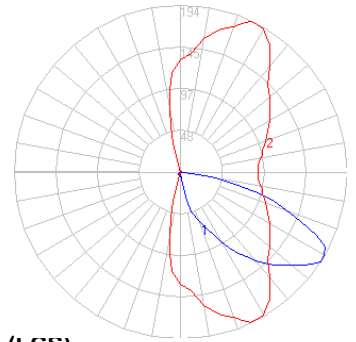


BEGA

Photometric Filename: 88500_BEGA_IES.ies

TEST: N.A.
TEST LAB: BEGA
DATE: 9/22/2015
LUMINAIRE: 88 500
LAMP: 4.2W LED



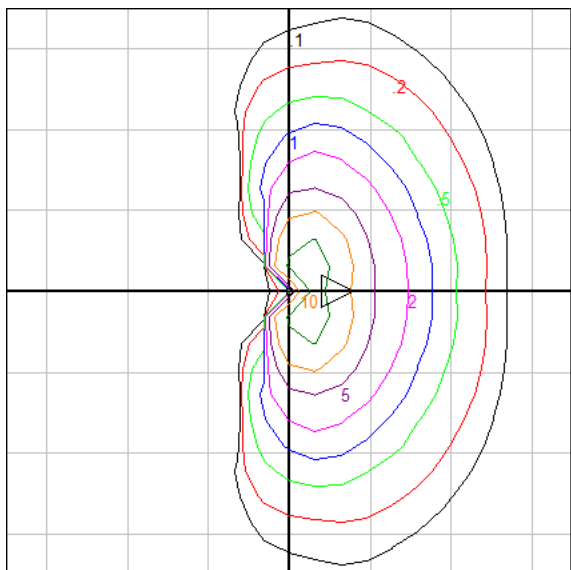
Characteristics

IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	306
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	51
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	193.7 (295H, 57.5V)
Max. Cd. (<90 Vert.)	193.7 (295H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	.6 (0.2%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	45.6 (14.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

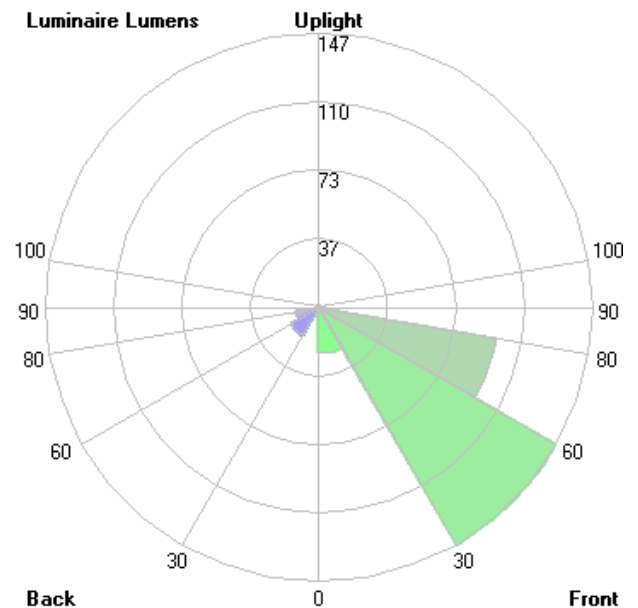
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	24.6	N.A.	8.1
FM (30-60)	146.6	N.A.	48.0
FH (60-80)	96.3	N.A.	31.5
FVH(80-90)	3.5	N.A.	1.2
BL (0-30)	3.1	N.A.	1.0
BM (30-60)	17.4	N.A.	5.7
BH (60-80)	12.4	N.A.	4.0
BVH(80-90)	0.8	N.A.	0.3
UL (90-100)	0.2	N.A.	0.1
UH (100-180)	0.9	N.A.	0.3
Total	305.8	N.A.	100.0

BUG Rating B0-U1-G0



Luminous Height = 1.5 ft Grid Spacing = 2.5 ft.



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

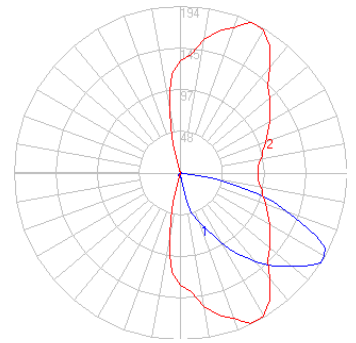
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7/20/2020

BEGA

Photometric Filename: 88500AMB_BEGA_IES.ies

TEST: L062012802
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 6/29/2020
 LUMINAIRE: 88 500 Amber
 LAMP: 6.0W LED



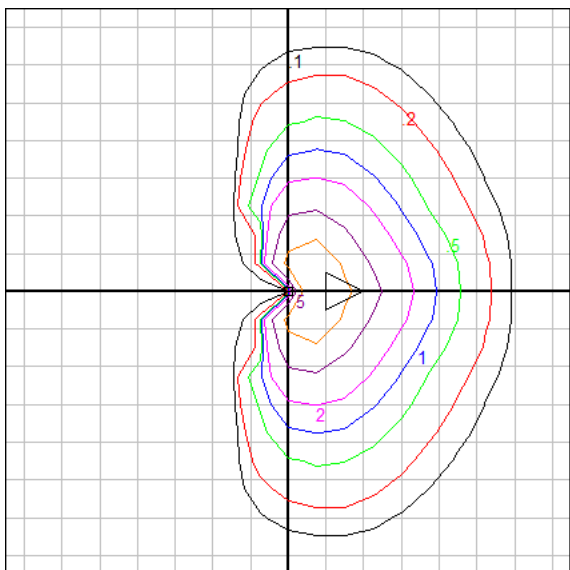
Characteristics

IES Classification	Type IV
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)	18
Total Luminaire Watts	7.96
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	81 (0H, 55V)
Max. Cd. (<90 Vert.)	81 (0H, 55V)
Max. Cd. (At 90 Deg. Vert.)	1 (0.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	12 (8.3%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

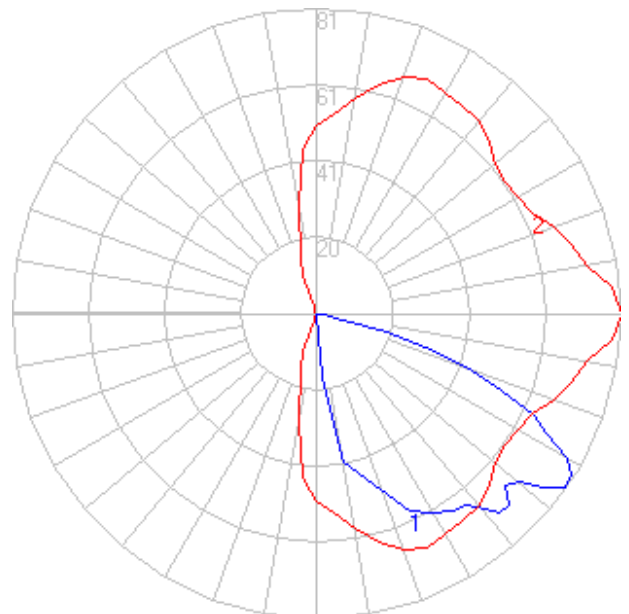
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	17.6	N.A.	12.2
FM (30-60)	73.0	N.A.	50.3
FH (60-80)	38.4	N.A.	26.5
FVH(80-90)	1.3	N.A.	0.9
BL (0-30)	2.1	N.A.	1.5
BM (30-60)	7.9	N.A.	5.4
BH (60-80)	4.5	N.A.	3.1
BVH(80-90)	0.2	N.A.	0.1
UL (90-100)	0.1	N.A.	0.1
UH (100-180)	0.0	N.A.	0.0
Total	145.1	N.A.	100.0

BUG Rating B0-U1-G0



Luminous Height = 1.5 ft Grid Spacing = 1 ft.



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

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