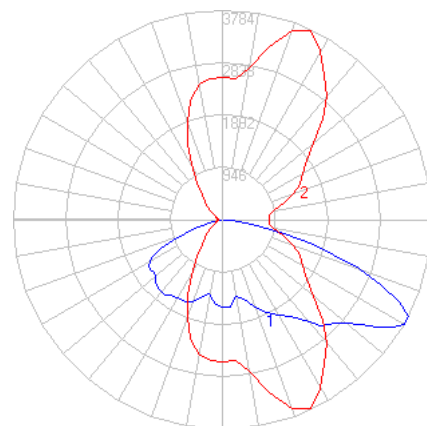


BEGA

Photometric Filename: 99595K4.ies

TEST: L081708901
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 8/30/2017
 LUMINAIRE: 99 595
 LAMP: 47.2W LED

All results in accordance with IESNA LM-79



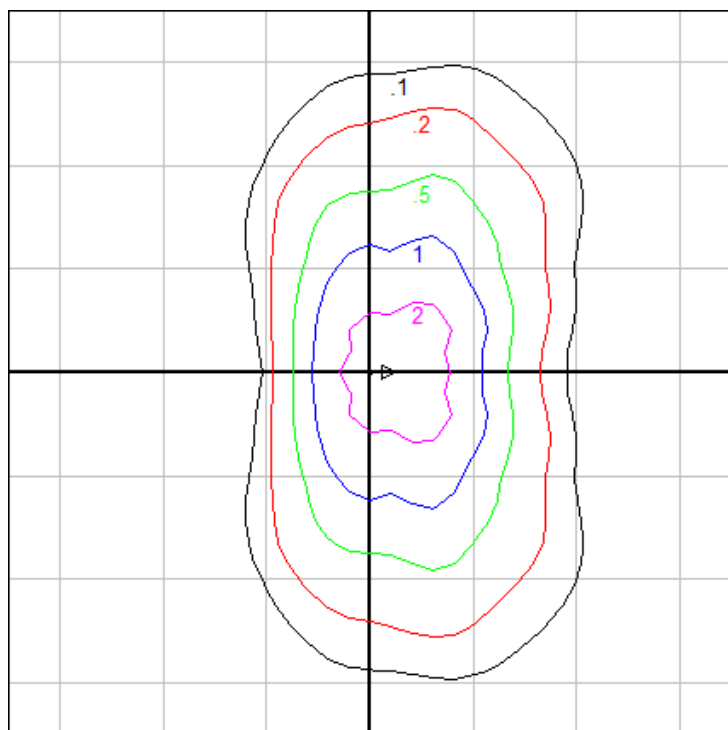
Characteristics

IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7564
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	59.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	3784.22 (65H, 60V)
Max. Cd. (<90 Vert.)	3784.22 (65H, 60V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	547.96 (7.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

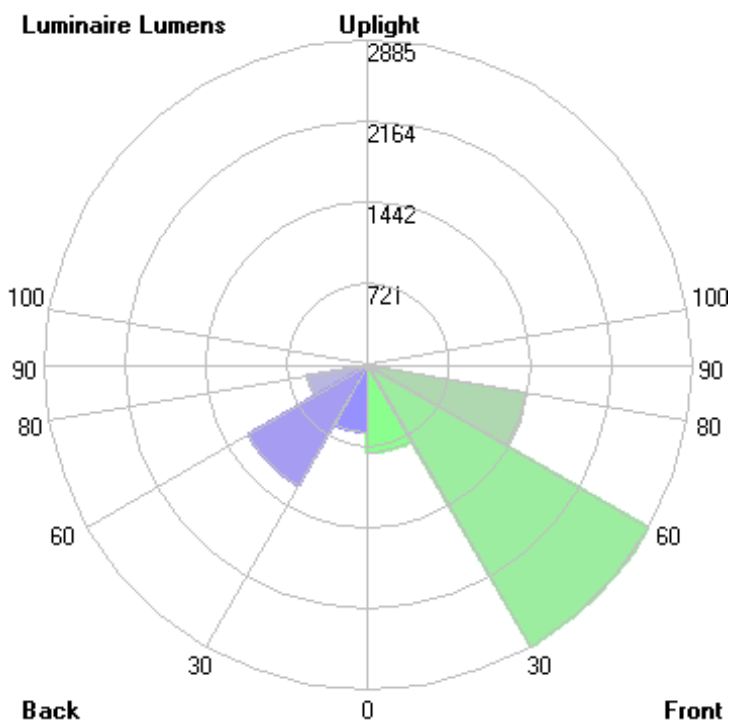
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	776.7	N.A.	10.3
FM (30-60)	2884.9	N.A.	38.1
FH (60-80)	1421.4	N.A.	18.8
FVH(80-90)	67.7	N.A.	0.9
BL (0-30)	601.4	N.A.	8.0
BM (30-60)	1237.5	N.A.	16.4
BH (60-80)	546.4	N.A.	7.2
BVH(80-90)	27.4	N.A.	0.4
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	7563.4	N.A.	100.0

BUG Rating B2-U0-G2



Mounting Height = 24 ft. 8 in. (Pole - 2408SF)
 Grid Spacing = 25 ft.



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

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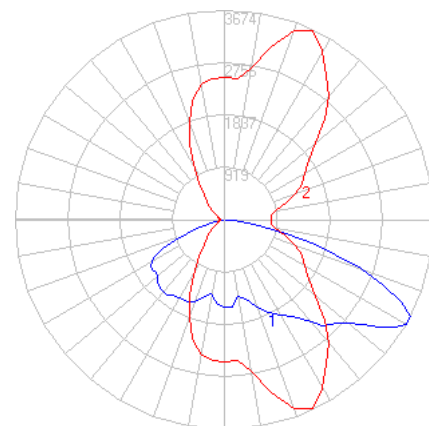
10/29/2019

BEGA

Photometric Filename: 99595.ies

TEST: L081708901
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 8/30/2017
 LUMINAIRE: 99 595
 LAMP: 47.2W LED

All results in accordance with IESNA LM-79



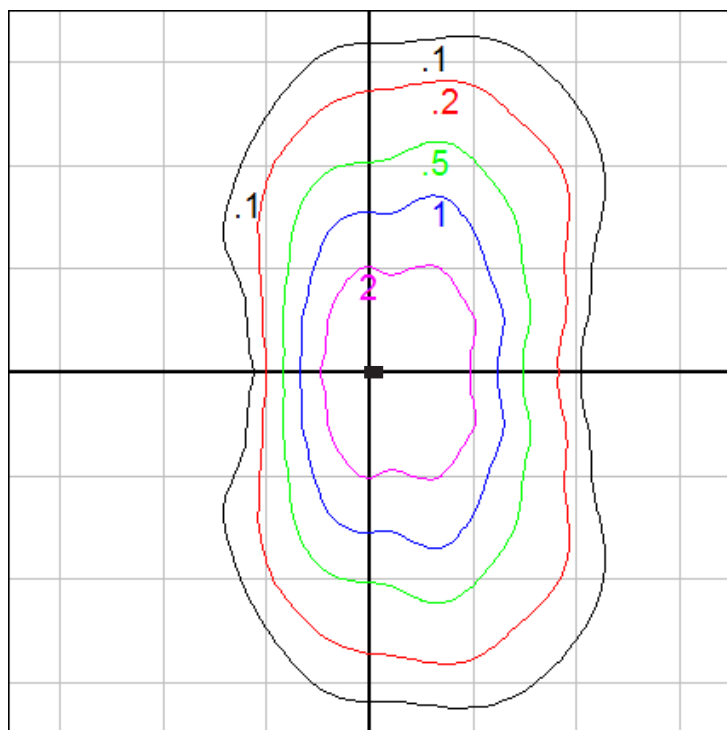
Characteristics

IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7343
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	59.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	3674 (65H, 60V)
Max. Cd. (<90 Vert.)	3674 (65H, 60V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	532 (7.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

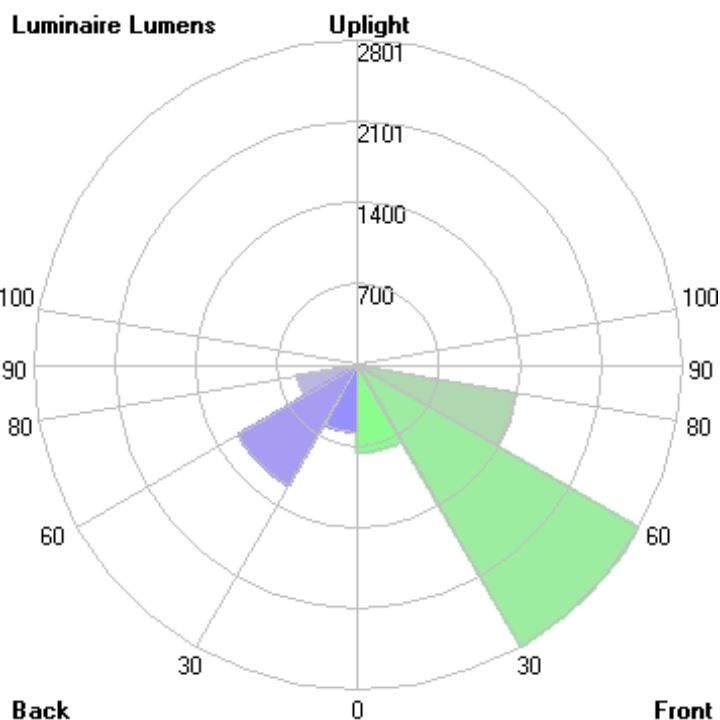
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	754.1	N.A.	10.3
FM (30-60)	2800.8	N.A.	38.1
FH (60-80)	1380.0	N.A.	18.8
FVH (80-90)	65.7	N.A.	0.9
BL (0-30)	583.9	N.A.	8.0
BM (30-60)	1201.5	N.A.	16.4
BH (60-80)	530.5	N.A.	7.2
BVH (80-90)	26.6	N.A.	0.4
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	7343.1	N.A.	100.0

BUG Rating B2-U0-G2



Mounting Height = 20 ft.
 Grid Spacing = 20 ft.
 (Pole - 920HR)



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

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3/20/2018