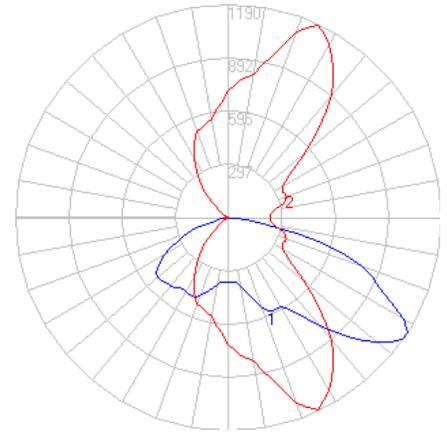


BEGA



Photometric Filename: 99491.IES

TEST: BE_99491
 TEST LAB: BEGA
 DATE: 8/23/2016
 LUMINAIRE: 99 491
 LAMP: 15.8W LED

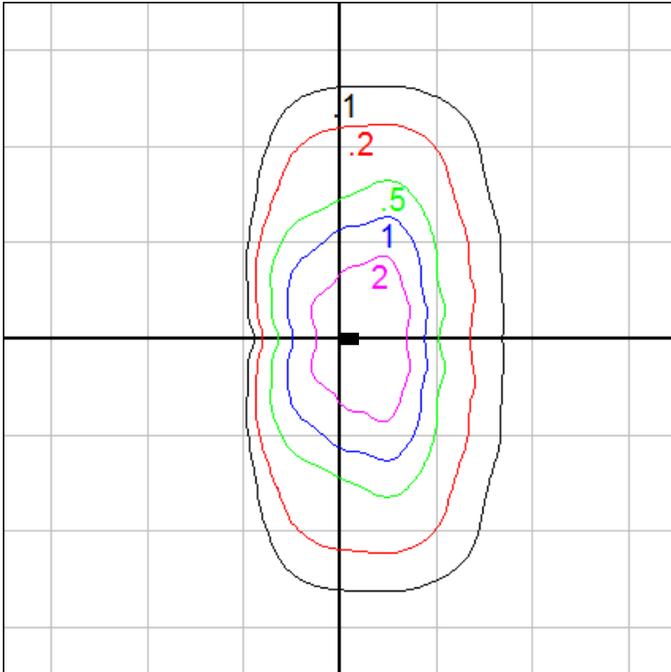
Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2201
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	19
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	1189.5 (295H, 57.5V)
Max. Cd. (<90 Vert.)	1189.5 (295H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	227.9 (10.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

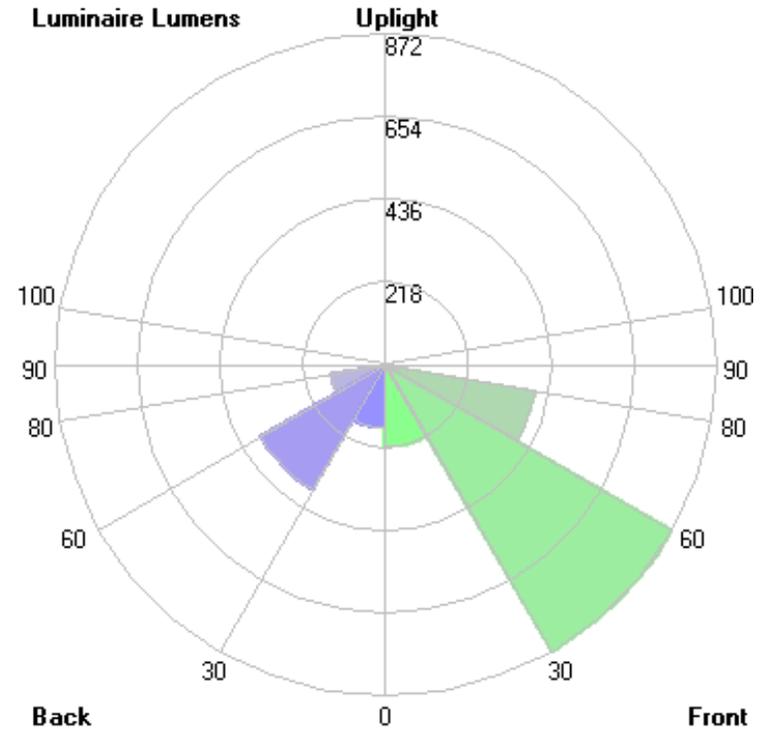
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	216.1	N.A.	9.8
FM (30-60)	871.7	N.A.	39.6
FH (60-80)	399.8	N.A.	18.2
FVH (80-90)	17.5	N.A.	0.8
BL (0-30)	167.6	N.A.	7.6
BM (30-60)	379.4	N.A.	17.2
BH (60-80)	144.5	N.A.	6.6
BVH (80-90)	4.6	N.A.	0.2
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	2201.2	N.A.	100.0

BUG Rating B1-U0-G1

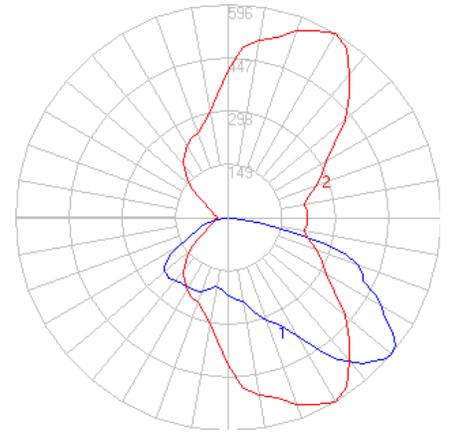


Mounting Height = 12 ft. (Pole 906HR)
 Grid Spacing = 15 ft.



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

BEGA



Photometric Filename: 99491AMB.IES

TEST: L061914304
 TEST LAB: BEGA
 DATE: 7/17/2019
 LUMINAIRE: 99491 Amber
 LAMP: 29.4W LED

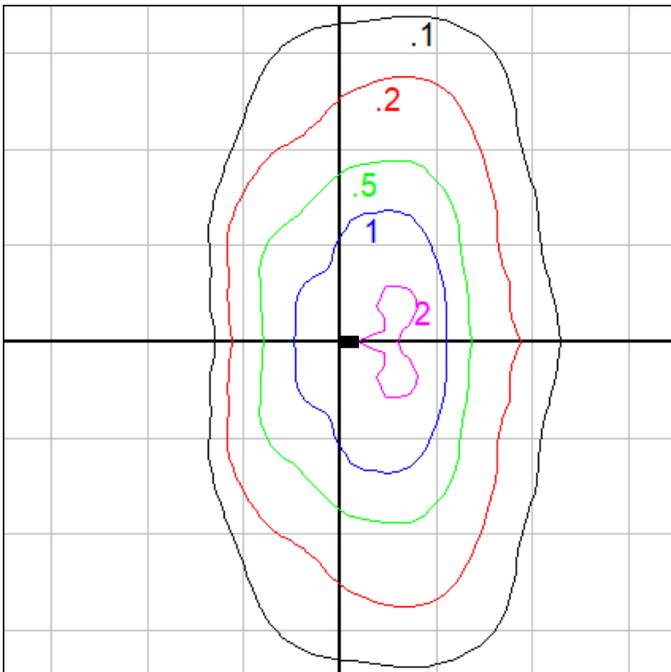
Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1199
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	35
Total Luminaire Watts	34.75
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	596.33 (60H, 50V)
Max. Cd. (<90 Vert.)	596.33 (60H, 50V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	86.09 (7.2%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

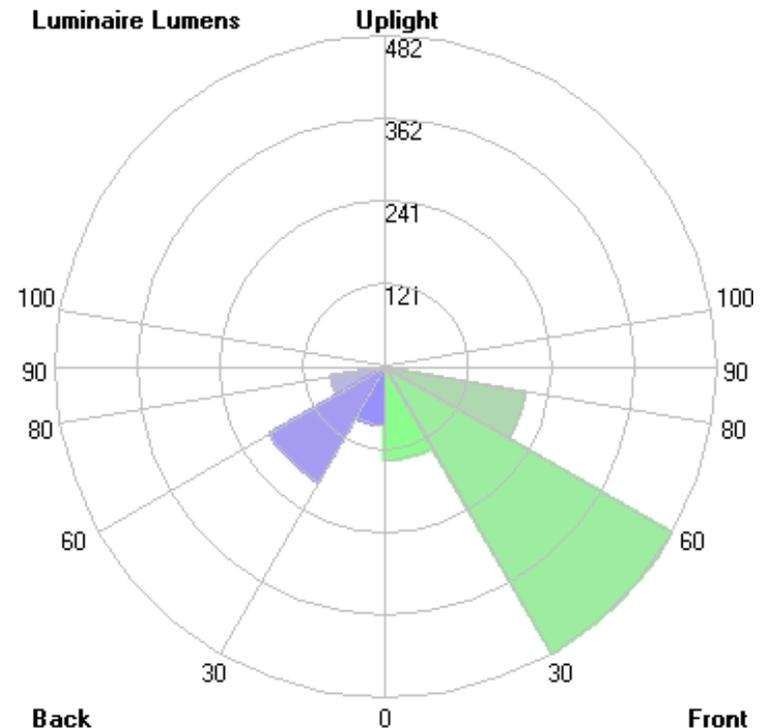
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	136.0	N.A.	11.3
FM (30-60)	482.5	N.A.	40.2
FH (60-80)	208.1	N.A.	17.4
FVH(80-90)	8.4	N.A.	0.7
BL (0-30)	86.1	N.A.	7.2
BM (30-60)	194.2	N.A.	16.2
BH (60-80)	79.9	N.A.	6.7
BVH(80-90)	3.9	N.A.	0.3
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1199.1	N.A.	100.0

BUG Rating B0-U0-G0



Mounting Height = 12 ft.
 Grid Spacing = 10 ft.
 (Pole 906HR)



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