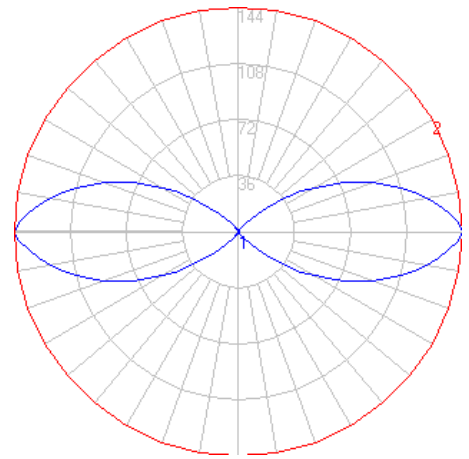


BEGA

Photometric Filename: 99865.ies

TEST: BE_99865
TEST LAB: BEGA
DATE: 11/10/2015
LUMINAIRE: 99 865
LAMP: 29.4W LED



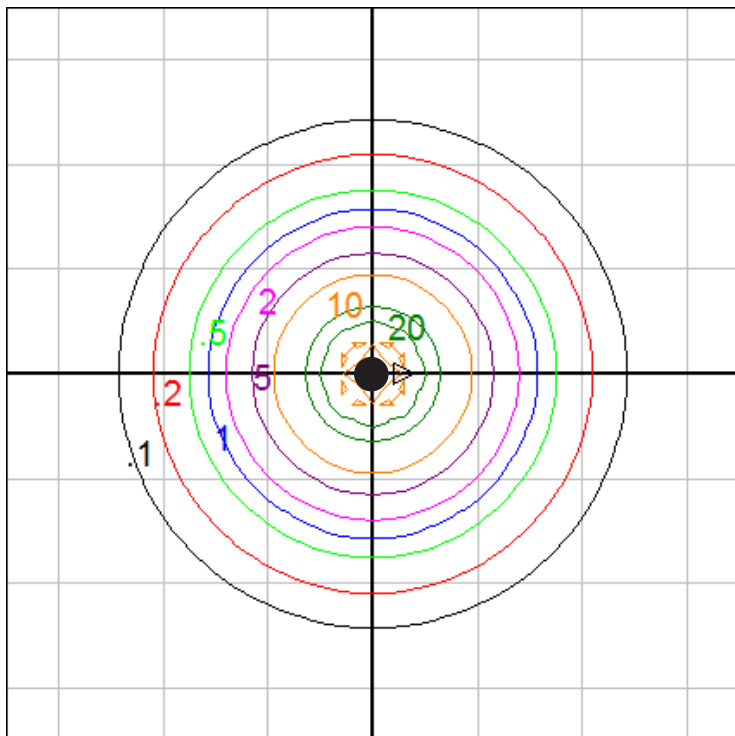
Characteristics

IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1637
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	48
Total Luminaire Watts	34
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Max. Cd.	596.4 (0H, 57.5V)
Max. Cd. (<90 Vert.)	596.4 (0H, 57.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	38.5 (2.4%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	38.8	N.A.	2.4
FM (30-60)	532.6	N.A.	32.5
FH (60-80)	238.2	N.A.	14.6
FVH (80-90)	8.8	N.A.	0.5
BL (0-30)	38.8	N.A.	2.4
BM (30-60)	532.6	N.A.	32.5
BH (60-80)	238.2	N.A.	14.6
BVH (80-90)	8.8	N.A.	0.5
UL (90-100)	0.0	N.A.	0.0
UH (100-180)	0.0	N.A.	0.0
Total	1636.8	N.A.	100.0

BUG Rating B1-U0-G0

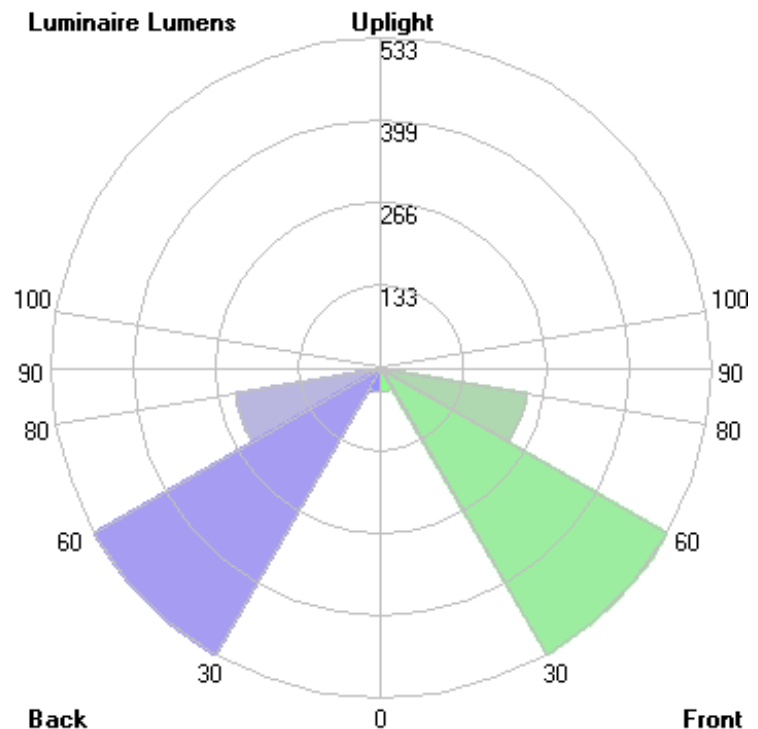


Mounting Height = 2.9 ft. Grid Spacing = 5 ft.

*Using 99 624 system bollard tube

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

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4/23/2018