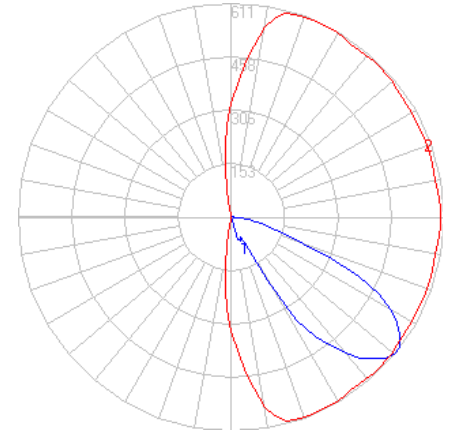


BEGA

Photometric Filename: 99857.ies

TEST: BE_99857
 TEST LAB: BEGA
 DATE: 11/17/2016
 LUMINAIRE: 99 857
 LAMP: 16.5W LED



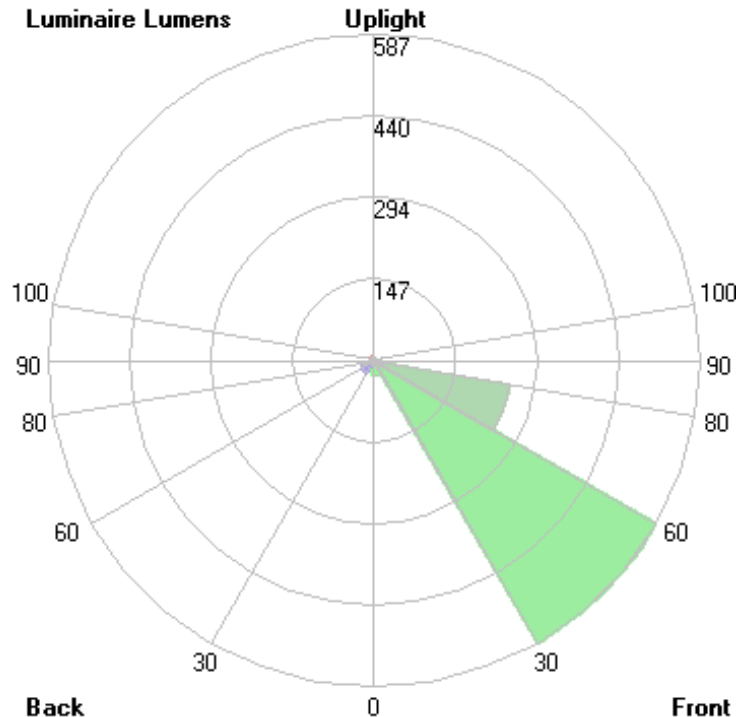
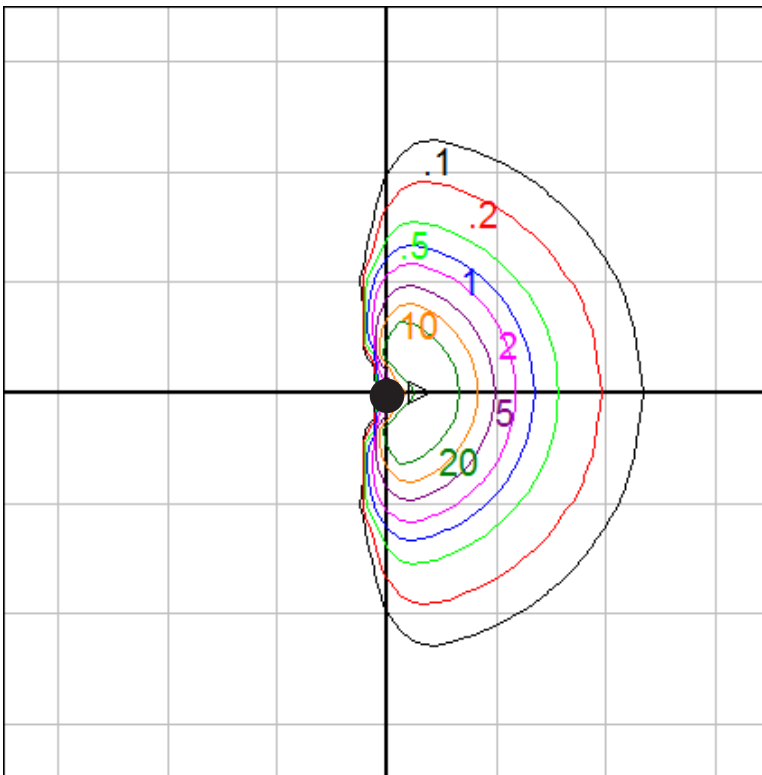
Characteristics

IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	923
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	47
Total Luminaire Watts	19.8
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	611 (295H, 50V)
Max. Cd. (<90 Vert.)	611 (295H, 50V)
Max. Cd. (At 90 Deg. Vert.)	7.6 (0.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	71.9 (7.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	27.5	N.A.	3.0
FM (30-60)	587.1	N.A.	63.6
FH (60-80)	248.9	N.A.	27.0
FVH (80-90)	15.1	N.A.	1.6
BL (0-30)	1.6	N.A.	0.2
BM (30-60)	25.4	N.A.	2.7
BH (60-80)	8.6	N.A.	0.9
BVH (80-90)	0.4	N.A.	0.0
UL (90-100)	3.1	N.A.	0.3
UH (100-180)	5.6	N.A.	0.6
Total	923.3	N.A.	100.0

BUG Rating B0-U1-G1



Mounting Height = 2.2 ft.
 *Using 99 620 system bollard tube

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