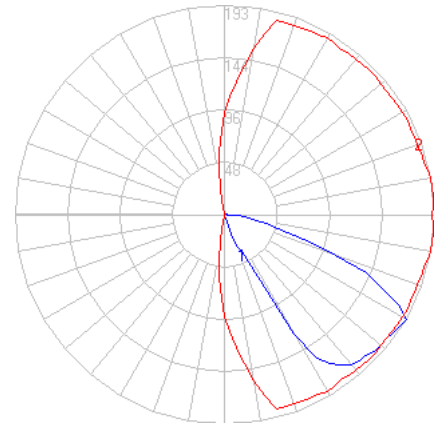


BEGA

Photometric Filename: 99853.ies

TEST: BE_99853
TEST LAB: BEGA
DATE: 12/4/2017
LUMINAIRE: 99 853
LAMP: 6.0W LED



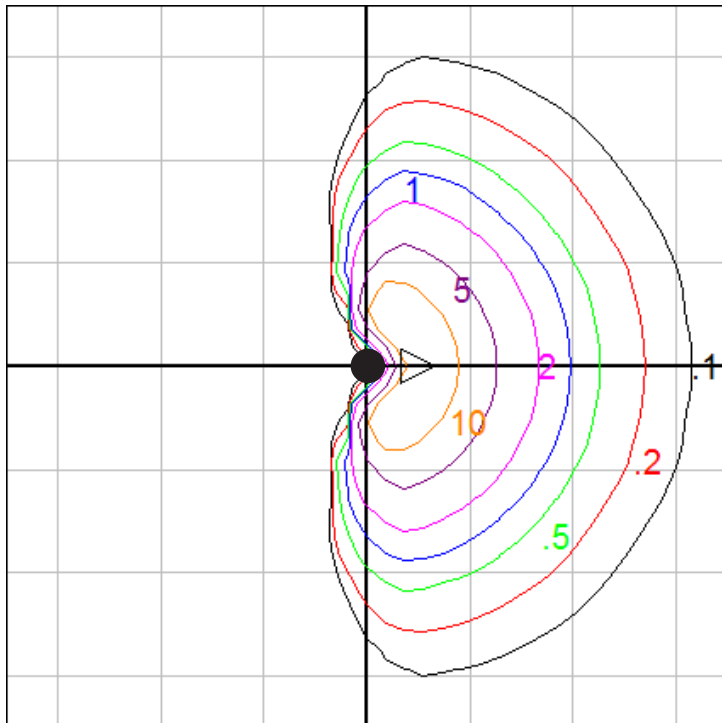
Characteristics

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	335
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	34
Total Luminaire Watts	10
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	192.5 (352.5H, 60V)
Max. Cd. (<90 Vert.)	192.5 (352.5H, 60V)
Max. Cd. (At 90 Deg. Vert.)	2.7 (0.8%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	30.2 (9.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	13.8	N.A.	4.1
FM (30-60)	197.1	N.A.	58.8
FH (60-80)	101.9	N.A.	30.4
FVH (80-90)	6.6	N.A.	2.0
BL (0-30)	0.7	N.A.	0.2
BM (30-60)	8.9	N.A.	2.7
BH (60-80)	3.5	N.A.	1.0
BVH (80-90)	0.2	N.A.	0.1
UL (90-100)	1.0	N.A.	0.3
UH (100-180)	1.4	N.A.	0.4
Total	335.1	N.A.	100.0

BUG Rating B0-U1-G0

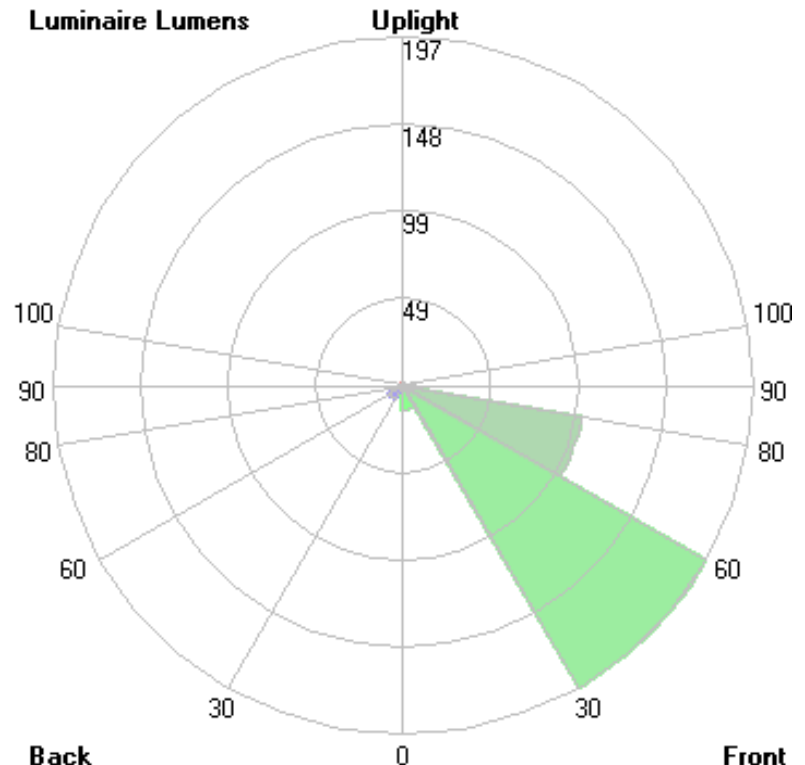


Mounting Height = 2.2 ft.

Grid Spacing = 3 ft.

*Using 99 620 system bollard tube

Luminaire Lumens



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

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12/4/2017