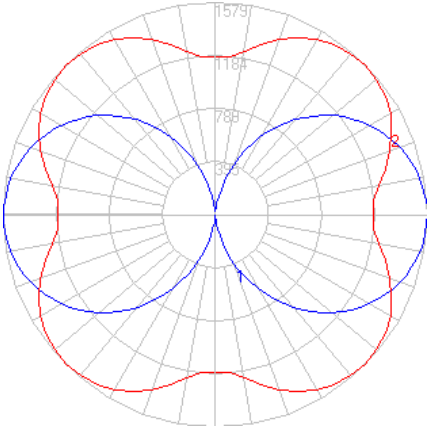
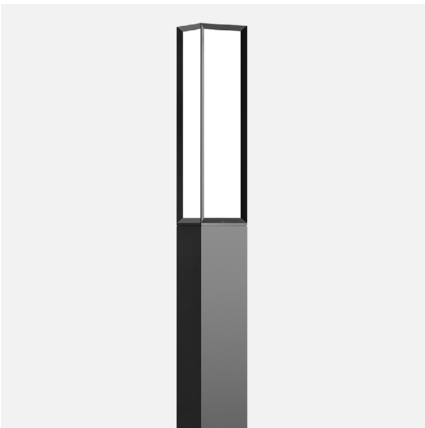


BEGA

File: 99877K4_BEGA_IES.ies

TEST: BE_99877K4
TEST LAB: BEGA
DATE: 02/19/2019
LUMINAIRE: 99 877K4
LAMP: 116.4W LED



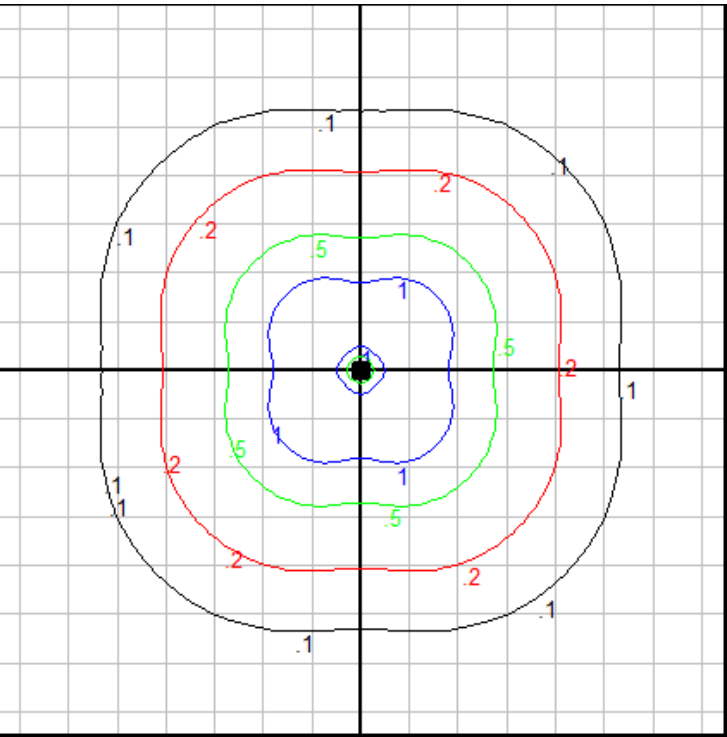
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	13181
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	74
Total Luminaire Watts	177
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	1578.805 (45H, 92.5V)
Max. Cd. (<90 Vert.)	1578.279 (45H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	1577.094 (12.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	1578.279 (12.0%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	139.7	N.A.	1.1
FM (30-60)	1062.2	N.A.	8.1
FH (60-80)	1326.0	N.A.	10.1
FVH (80-90)	758.4	N.A.	5.8
BL (0-30)	139.7	N.A.	1.1
BM (30-60)	1062.2	N.A.	8.1
BH (60-80)	1326.0	N.A.	10.1
BVH (80-90)	758.4	N.A.	5.8
UL (90-100)	1514.3	N.A.	11.5
UH (100-180)	5093.7	N.A.	38.6
Total	13180.6	N.A.	100.0

BUG Rating B3-U5-G5



Grid Spacing: 10 ft.

