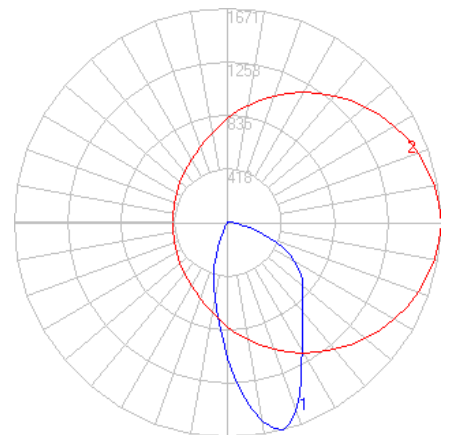
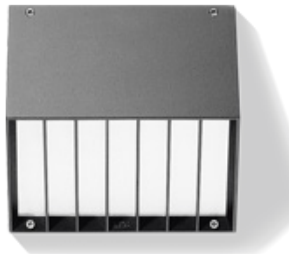


BEGA

Photometric Filename: 33238.IES

TEST: BE_33238
TEST LAB: BEGA
DATE: 11/7/2016
LUMINAIRE: 33 238
LAMP: 17.8W LED



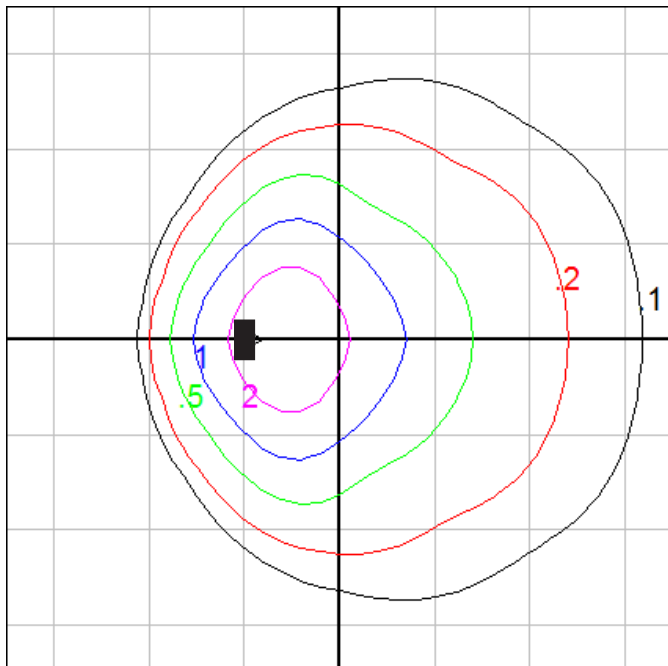
Characteristics

IES Classification	Type I
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1579
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	75
Total Luminaire Watts	21
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Max. Cd.	1670.7 (0H, 15V)
Max. Cd. (<90 Vert.)	1670.7 (0H, 15V)
Max. Cd. (At 90 Deg. Vert.)	46.4 (2.9%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	123.8 (7.8%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens %	Lamp %	%Lum
FL (0-30)	491.0	N.A.	31.1
FM (30-60)	647.2	N.A.	41.0
FH (60-80)	193.0	N.A.	12.2
FVH (80-90)	19.0	N.A.	1.2
BL (0-30)	173.0	N.A.	11.0
BM (30-60)	40.9	N.A.	2.6
BH (60-80)	0.5	N.A.	0.0
BVH (80-90)	0.1	N.A.	0.0
UL (90-100)	7.6	N.A.	0.5
UH (100-180)	6.5	N.A.	0.4
Total	1578.8	N.A.	100.0

BUG Rating B1-U1-G1



Wall Mount Fixture - Isofootcandle Grid on Floor
Mounting Height = 20 ft. Grid Spacing = 10 ft.

