

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : BIGB-12-L1327.IES

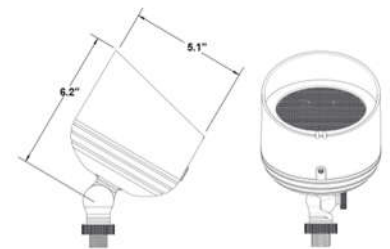
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3511
[TESTLAB] Labsphere
[ISSUEDATE] 3/13/2020 9:17:08 AM
[MANUFAC] TORO
[LUMINAIRE] LED-13W-CPFL27K
[LAMP] BIGB-12-L1327
[_AMBIENT] 0.0 deg C
[_POWERFACTOR] 0.5971
[_ATHD] 0.00%
[_CURRENT] 1.47
[_VOLTAGE] 11.98
[_Lumens] 800
[_END VOLTS] 11.99
[_END CURRENT] 1.38
[_END POWER] 9.83

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1706.84
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	25.6
Vertical Beam Angle (50%)	31.2
Horizontal Field Angle (10%)	56.2
Vertical Field Angle (10%)	61.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	212
Beam Efficiency	N.A.
Field Lumens	465
Field Efficiency	N.A.
Spill Lumens	83
Luminaire Lumens	548
Total Efficiency	N.A.
Total Luminaire Watts	10.48
Ballast Factor	1.00

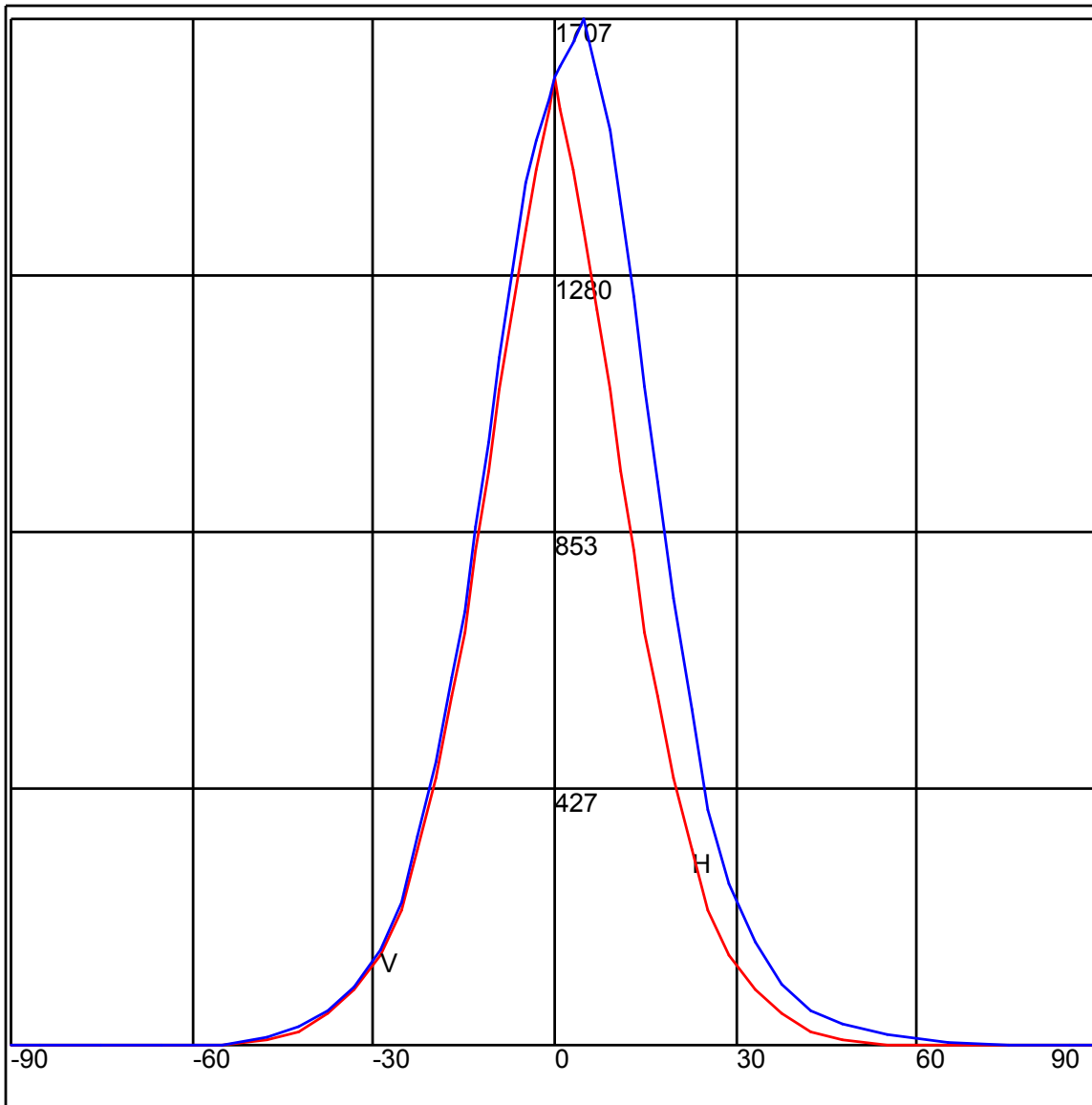


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AXIAL CANDELA

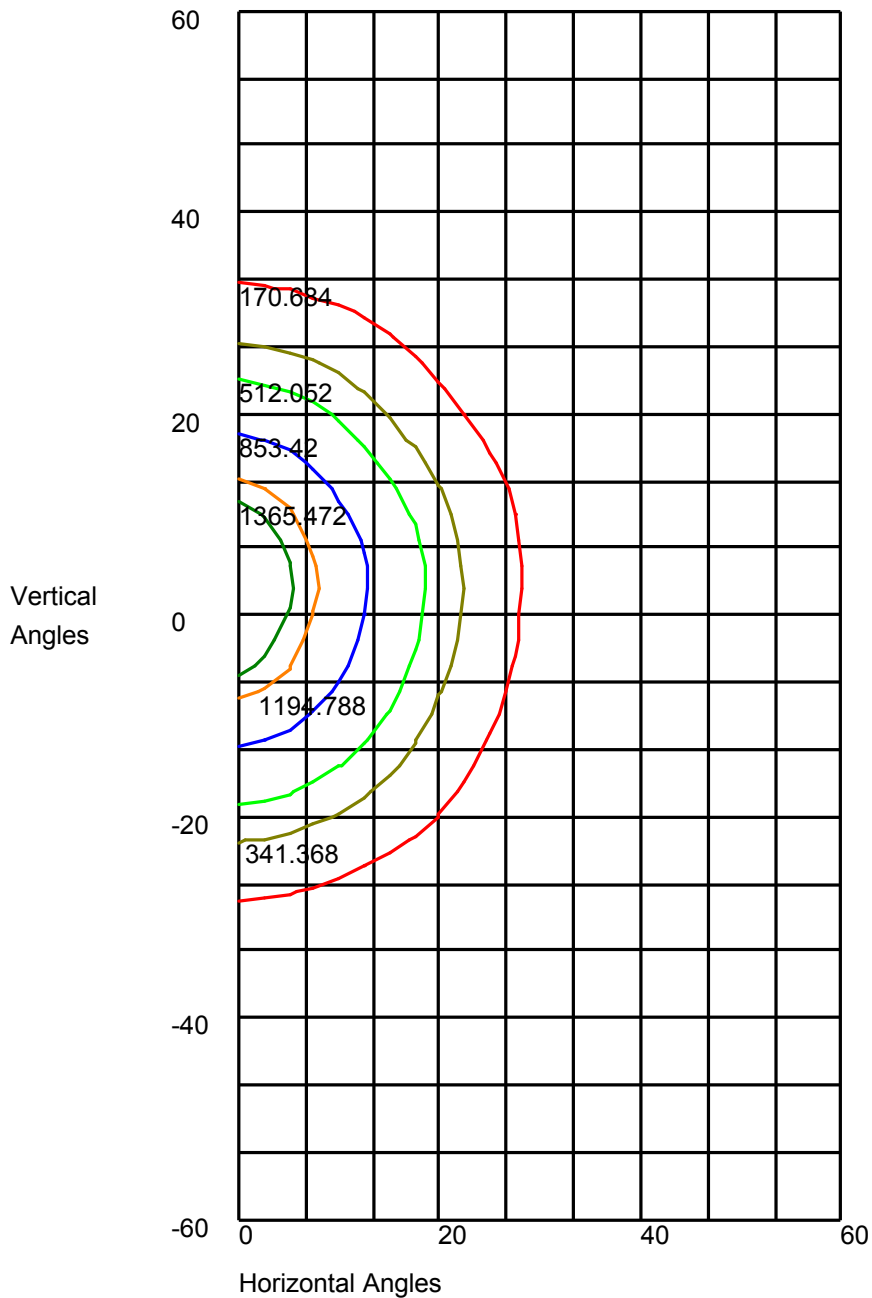
DEG.	HOR.	DEG.	VERT.
90	.28	90	.33
85	.29	85	.38
75	.25	75	.45
65	.33	65	3.8
55	.64	55	15.2
47.5	7.38	47.5	33.95
42.5	22.26	42.5	57.84
37.5	49.54	37.5	101.01
33	90.7	33	169
29	148.26	29	265.56
25.5	223.88	25.5	392.1
22.5	326.29	22.5	555.48
19.5	444.62	19.5	739.89
17	578.28	17	935.48
15	685.21	15	1091.95
13	819.39	13	1243.95
11	953.57	11	1395.94
9	1087.37	9	1518.92
7	1220.8	7	1612.88
5	1354.23	5	1706.84
3	1455.24	3	1666.8
1	1556.25	1	1626.77
0	1606.75	0	1606.75
-1	1556.25	-1	1571.93
-3	1455.24	-3	1502.28
-5	1354.23	-5	1432.64
-7	1220.8	-7	1287.76
-9	1087.37	-9	1142.89
-11	953.57	-11	1000.54
-13	819.39	-13	860.71
-15	685.21	-15	720.89
-17	578.28	-17	608.97
-19.5	444.62	-19.5	469.07
-22.5	326.29	-22.5	344.35
-25.5	223.88	-25.5	236.09
-29	148.26	-29	155.53
-33	90.7	-33	96.52
-37.5	49.54	-37.5	56.14
-42.5	22.26	-42.5	29.24
-47.5	7.38	-47.5	12.7
-55	.64	-55	.98
-65	.33	-65	.39
-75	.25	-75	.35
-85	.29	-85	.26
-90	.28	-90	.24

AXIAL CANDELA DISPLAY



Maximum Candela = 1706.84 Located At Horizontal Angle = 0, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1706.84 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 853.42
10% Maximum Candela = 170.684