

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : BIGB-12-L1330.IES

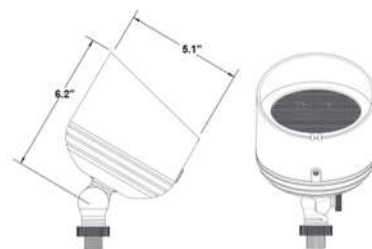
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3618
[TESTLAB] Labsphere
[ISSUEDATE] 2/10/2021 7:33:56 AM
[MANUFAC] TORO
[LUMINAIRE] BIGB-12-L1330
[LAMP] LED-13W-CPFL30K
[_AMBIENT] 23.6 deg C
[_POWERFACTOR] 0.6111
[_ATHD] 0.00%
[_CURRENT] 1.41
[_VOLTAGE] 12.02
[_Lumens] 6643.38
[_END VOLTS] 12.04
[_END CURRENT] 1.33
[_END POWER] 9.79

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	17222.57
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	29.5
Vertical Beam Angle (50%)	33.6
Horizontal Field Angle (10%)	62.3
Vertical Field Angle (10%)	66.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	2750
Beam Efficiency	N.A.
Field Lumens	5666
Field Efficiency	N.A.
Spill Lumens	1018
Luminaire Lumens	6684
Total Efficiency	N.A.
Total Luminaire Watts	10.33
Ballast Factor	1.00

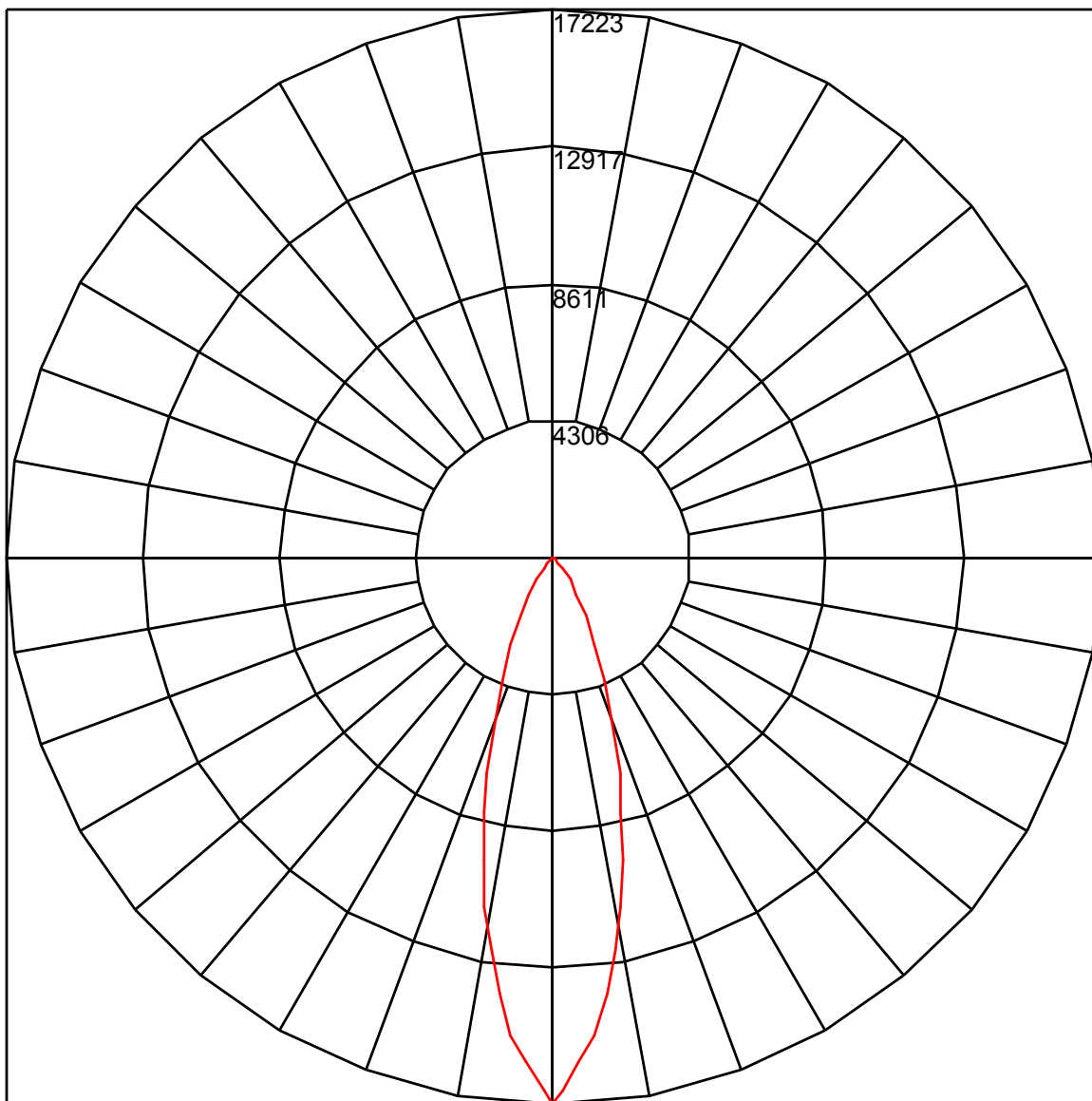


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AXIAL CANDELA

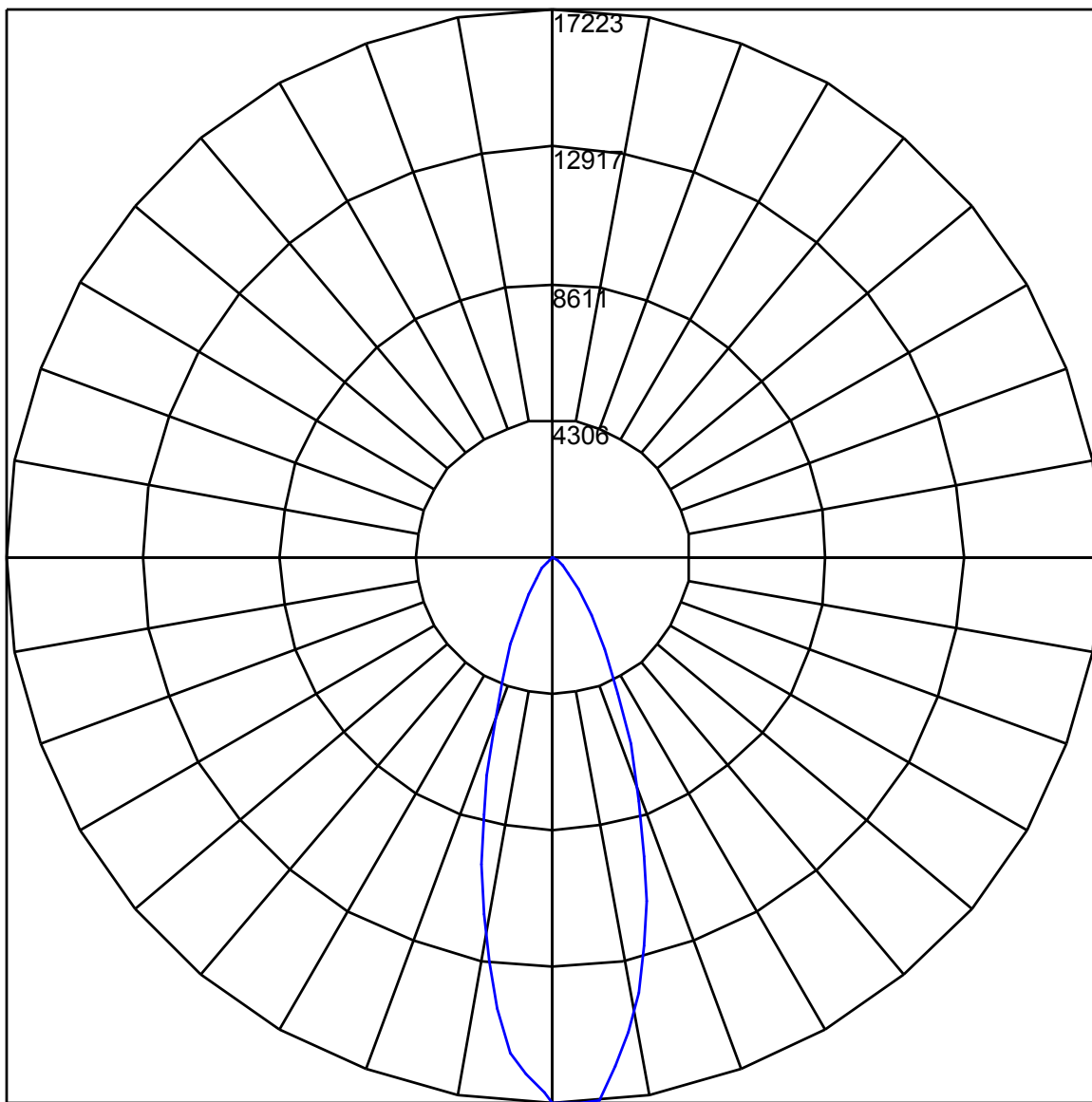
DEG.	HOR.	DEG.	VERT.
90	2.76	90	2.939
85	2.89	85	2.66
75	2.77	75	2.06
65	3.3	65	12.19
55	30.69	55	145.96
47.5	226.07	47.5	420.535
42.5	467.695	42.5	738.45
37.5	839.37	37.5	1311.215
33	1380.984	33	2191.502
29	2124.43	29	3366.092
25.5	3073.14	25.5	4793.924
22.5	4278.395	22.5	6413.06
19.5	5649.053	19.5	8169.637
17	7153.718	17	9876.722
15	8357.45	15	11242.39
13	9775.754	13	12607.378
11	11194.058	11	13972.366
9	12548.432	9	15168.402
7	13838.876	7	16195.486
5	15129.32	5	17222.57
3	15955.292	3	17211.242
1	16781.264	1	17199.914
0	17194.25	0	17194.25
-1	16781.264	-1	16898.69
-3	15955.292	-3	16307.57
-5	15129.32	-5	15716.45
-7	13838.876	-7	14312.378
-9	12548.432	-9	12908.306
-11	11194.058	-11	11450.688
-13	9775.754	-13	9939.524
-15	8357.45	-15	8428.36
-17	7153.718	-17	7184.8
-19.5	5649.053	-19.5	5630.35
-22.5	4278.395	-22.5	4253.435
-25.5	3073.14	-25.5	3052.36
-29	2124.43	-29	2107.01
-33	1380.984	-33	1371.448
-37.5	839.37	-37.5	838.68
-42.5	467.695	-42.5	490.825
-47.5	226.07	-47.5	292.75
-55	30.69	-55	128.75
-65	3.3	-65	23.71
-75	2.77	-75	2.37
-85	2.89	-85	2.24
-90	2.76	-90	2.789

AXIAL CANDELA DISPLAY



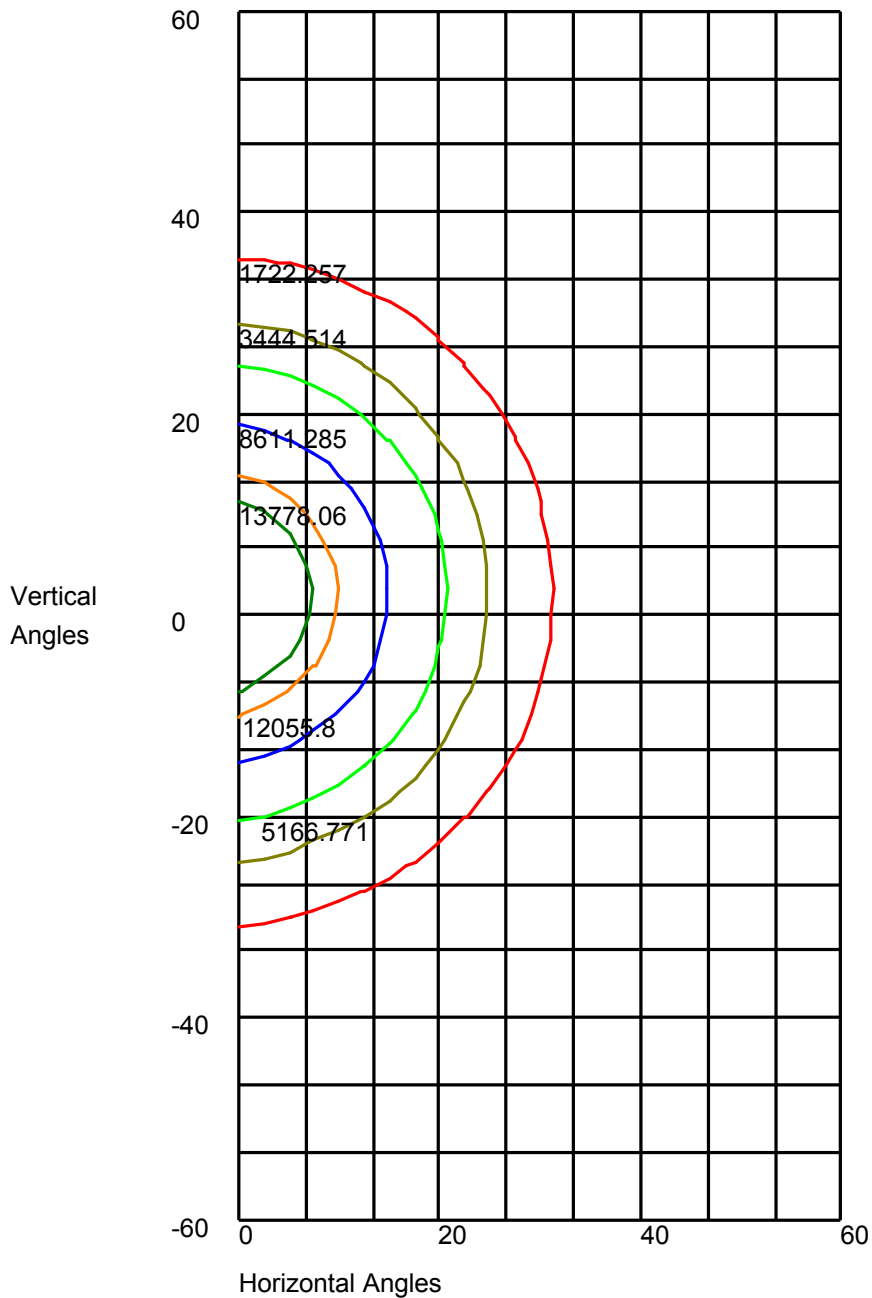
Maximum Candela = 17222.57 Located At Horizontal Angle = 0, Vertical Angle = 5
Horizontal Axial Candela

AXIAL CANDELA DISPLAY



Maximum Candela = 17222.57 Located At Horizontal Angle = 0, Vertical Angle = 5
Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 17222.57 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 8611.285
10% Maximum Candela = 1722.257