

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : PROB-12-L830.IES

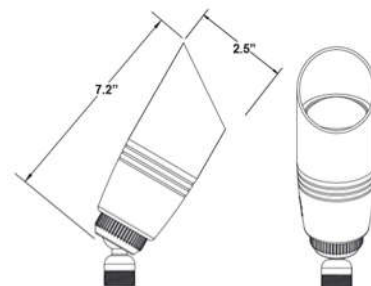
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3236
[TESTLAB] Labsphere
[ISSUEDATE] 4/17/2019 9:41:50 AM
[MANUFAC] TORO
[LUMINAIRE] PROB-12-L830
[LAMP] LED-8W-CM6FL30K
[_AMBIENT] 22.9 deg C
[_POWERFACTOR] 0.9223
[_ATHD] 0.00%
[_CURRENT] 0.76
[_VOLTAGE] 11.91
[_Lumens] 829.71
[_END VOLTS] 11.93
[_END CURRENT] 0.70
[_END POWER] 7.63

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1812.27
Maximum Candela Angle	-9H 0V
Horizontal Beam Angle (50%)	44.0
Vertical Beam Angle (50%)	32.6
Horizontal Field Angle (10%)	66.9
Vertical Field Angle (10%)	56.3
Lumens Per Lamp	600 (1 lamp)
Total Lamp Lumens	600
Beam Lumens	502
Beam Efficiency	84 %
Field Lumens	756
Field Efficiency	126 %
Spill Lumens	78
Luminaire Lumens	833
Total Efficiency	139 %
Total Luminaire Watts	8.39
Ballast Factor	1.00

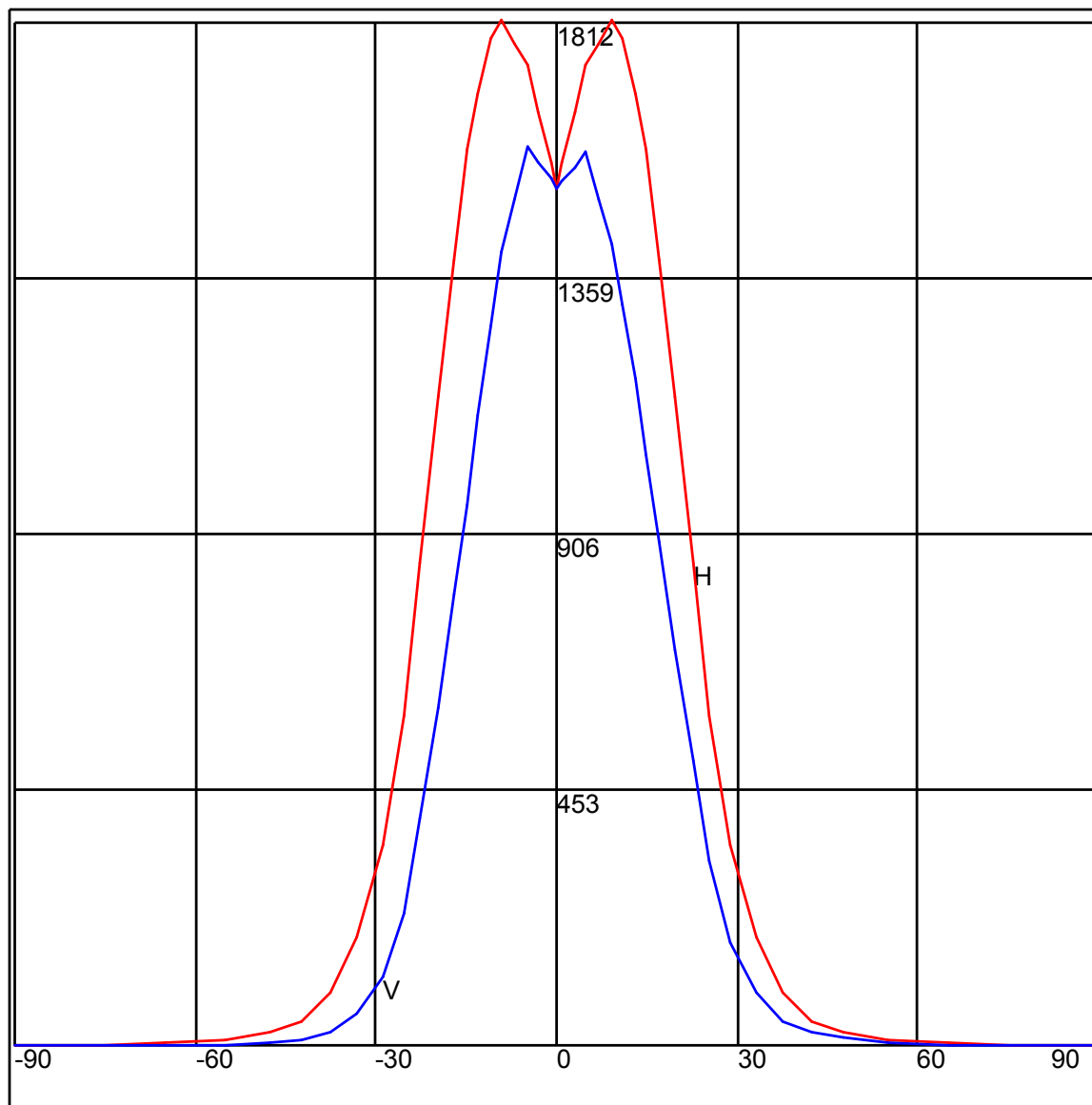


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AXIAL CANDELA

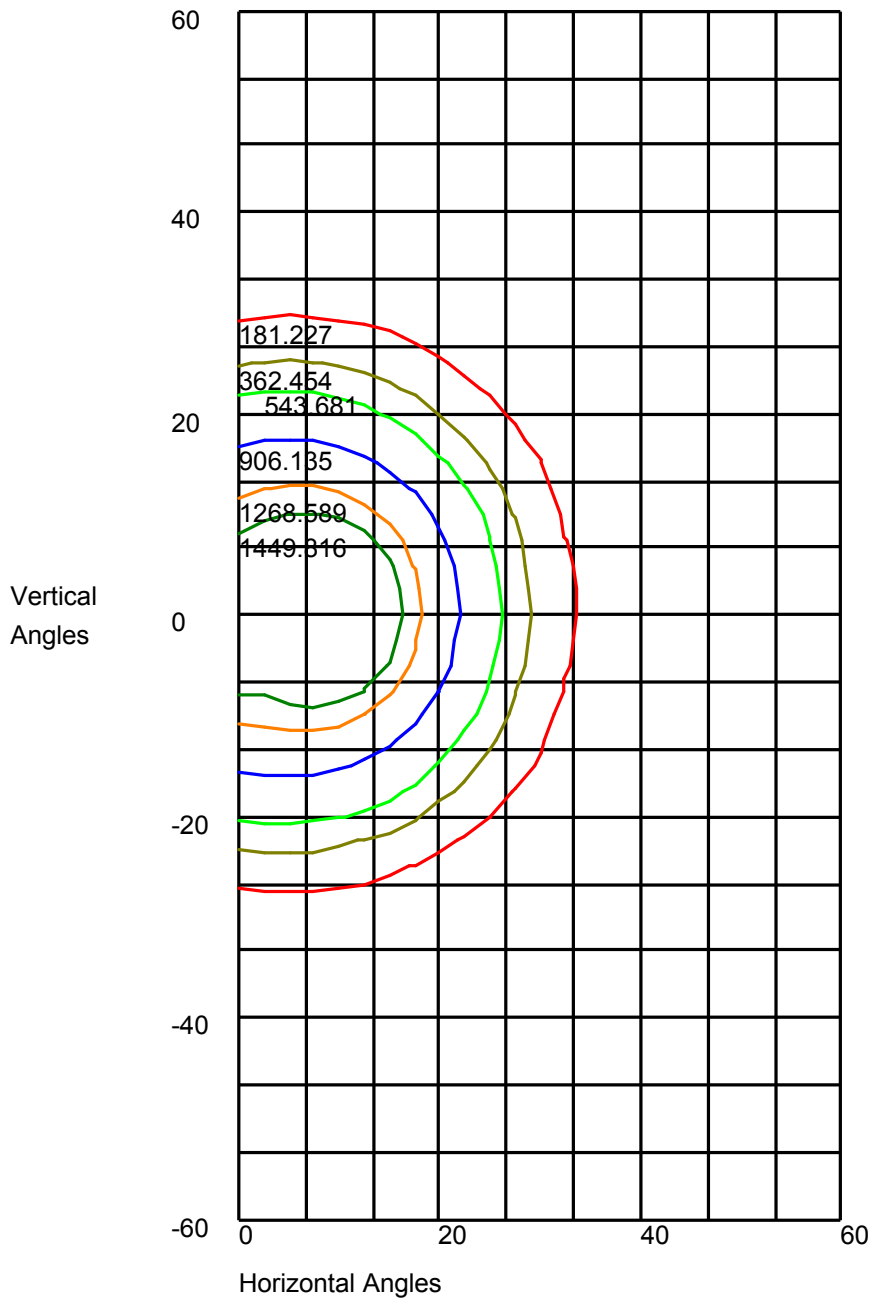
DEG.	HOR.	DEG.	VERT.
90	.35	90	.35
85	.5	85	.47
75	.68	75	.4
65	2.09	65	.76
55	10.42	55	4.14
47.5	22.72	47.5	11.71
42.5	43.11	42.5	20.86
37.5	91.53	37.5	42.69
33	190.82	33	91.54
29	353.43	29	181.6
25.5	581.19	25.5	323.59
22.5	855.32	22.5	501.85
19.5	1145.87	19.5	698.18
17	1390.74	17	890
15	1586.64	15	1043.45
13	1684.36	13	1177.73
11	1782.08	11	1312.01
9	1812.27	9	1419.22
7	1774.92	7	1499.37
5	1737.58	5	1579.51
3	1649.44	3	1554.59
1	1561.29	1	1529.68
0	1517.22	0	1517.22
-1	1561.29	-1	1532.24
-3	1649.44	-3	1562.28
-5	1737.58	-5	1592.32
-7	1774.92	-7	1497.22
-9	1812.27	-9	1402.13
-11	1782.08	-11	1274.86
-13	1684.36	-13	1115.41
-15	1586.64	-15	955.97
-17	1390.74	-17	796.91
-19.5	1145.87	-19.5	598.09
-22.5	855.32	-22.5	402.05
-25.5	581.19	-25.5	229.87
-29	353.43	-29	118.59
-33	190.82	-33	55.38
-37.5	91.53	-37.5	23.5
-42.5	43.11	-42.5	8.92
-47.5	22.72	-47.5	3.25
-55	10.42	-55	.53
-65	2.09	-65	.45
-75	.68	-75	.25
-85	.5	-85	.33
-90	.35	-90	.34

AXIAL CANDELA DISPLAY



Maximum Candela = 1812.27 Located At Horizontal Angle = -9, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1812.27 Located At Horizontal Angle = -9, Vertical Angle = 0
50% Maximum Candela = 906.135
10% Maximum Candela = 181.227