

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : PROB-12-L827.IES

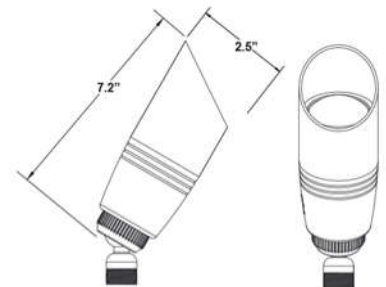
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3235
[TESTLAB] Labsphere
[ISSUEDATE] 4/17/2019 6:59:34 AM
[MANUFAC] TORO
[LUMINAIRE] PROB-12-L827
[LAMP] LED-8W-CM6FL27K
[_ AMBIENT] 21.6 deg C
[_ POWERFACTOR] 0.9210
[_ ATHD] 0.00%
[_ CURRENT] 0.70
[_ VOLTAGE] 12.03
[_ Lumens] 546.31
[_ END VOLTS] 12.05
[_ END CURRENT] 0.64
[_ END POWER] 7.14

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	2024.38
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	25.5
Vertical Beam Angle (50%)	30.9
Horizontal Field Angle (10%)	49.9
Vertical Field Angle (10%)	52.2
Lumens Per Lamp	590 (1 lamp)
Total Lamp Lumens	590
Beam Lumens	253
Beam Efficiency	43 %
Field Lumens	473
Field Efficiency	80 %
Spill Lumens	76
Luminaire Lumens	549
Total Efficiency	93 %
Total Luminaire Watts	7.78
Ballast Factor	1.00

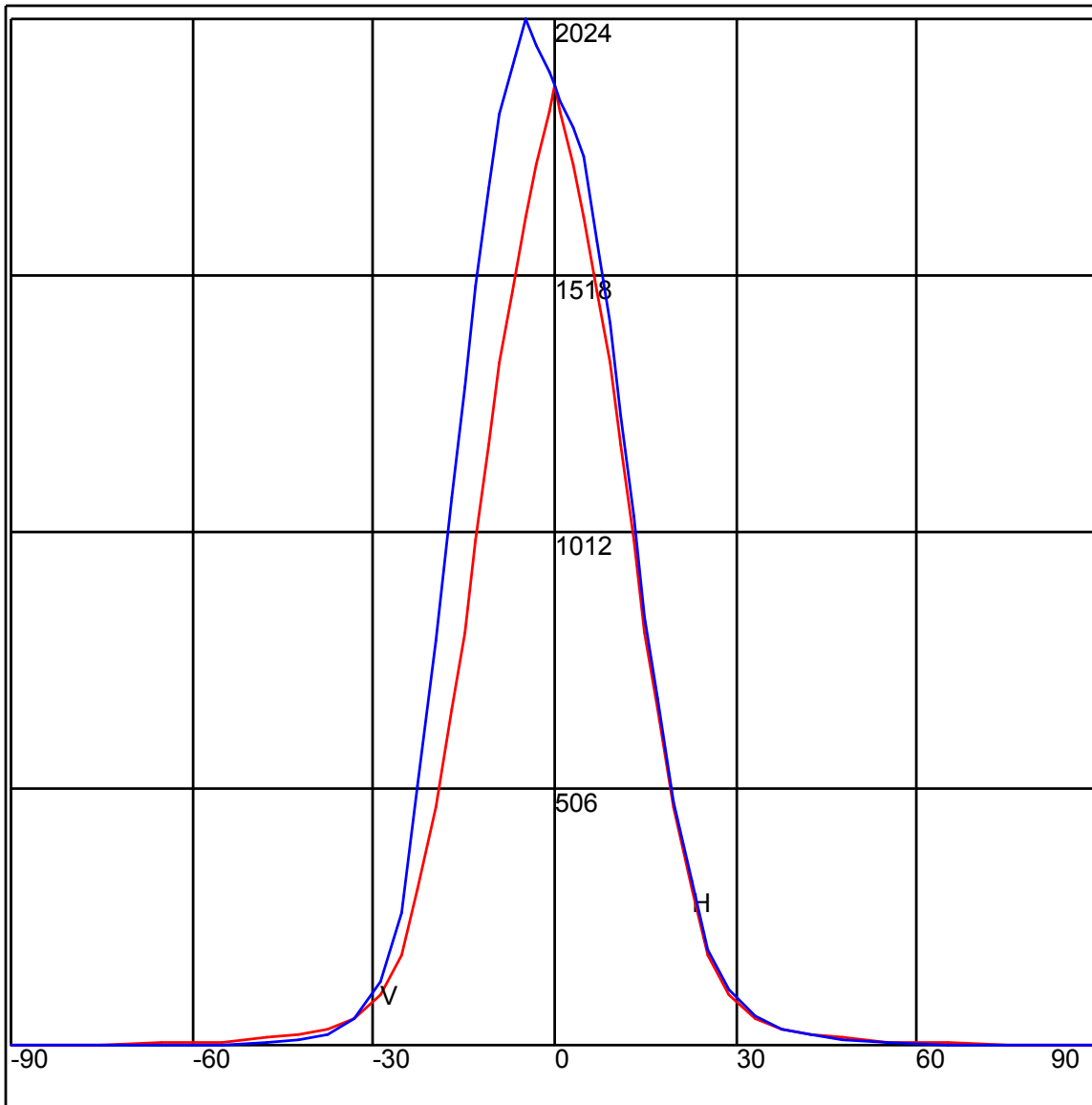


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AXIAL CANDELA

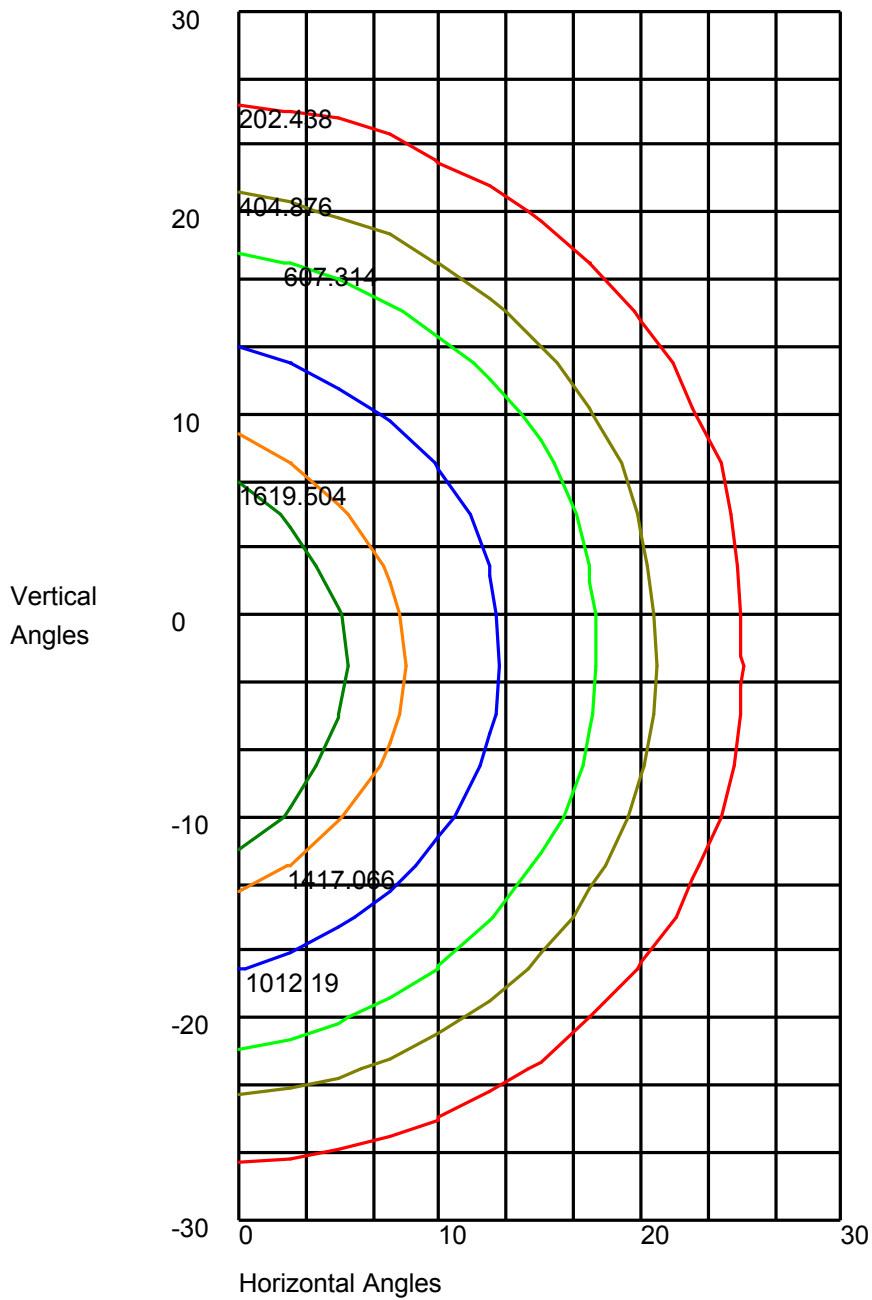
DEG.	HOR.	DEG.	VERT.
90	.53	90	.53
85	.53	85	.45
75	.61	75	.43
65	1.4	65	1.08
55	6.11	55	4.15
47.5	12.23	47.5	11.07
42.5	18.61	42.5	17.52
37.5	29.52	37.5	28.65
33	52.62	33	55.54
29	99.25	29	107.58
25.5	177.27	25.5	188.42
22.5	307.88	22.5	319.82
19.5	466.01	19.5	480.1
17	659.37	17	682.22
15	814.05	15	843.92
13	996.97	13	1041.44
11	1179.9	11	1238.95
9	1343.2	9	1420.11
7	1486.88	7	1584.91
5	1630.56	5	1749.71
3	1733.92	3	1805.41
1	1837.27	1	1861.1
0	1888.95	0	1888.95
-1	1837.27	-1	1916.04
-3	1733.92	-3	1970.21
-5	1630.56	-5	2024.38
-7	1486.88	-7	1929.8
-9	1343.2	-9	1835.22
-11	1179.9	-11	1690.07
-13	996.97	-13	1494.34
-15	814.05	-15	1298.62
-17	659.37	-17	1076.54
-19.5	466.01	-19.5	798.94
-22.5	307.88	-22.5	512.14
-25.5	177.27	-25.5	261.33
-29	99.25	-29	124.63
-33	52.62	-33	51.86
-37.5	29.52	-37.5	19.4
-42.5	18.61	-42.5	6.57
-47.5	12.23	-47.5	2.28
-55	6.11	-55	.4
-65	1.4	-65	.41
-75	.61	-75	.29
-85	.53	-85	.36
-90	.53	-90	.37

AXIAL CANDELA DISPLAY



Maximum Candela = 2024.38 Located At Horizontal Angle = 0, Vertical Angle = -5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2024.38 Located At Horizontal Angle = 0, Vertical Angle = -5
50% Maximum Candela = 1012.19
10% Maximum Candela = 202.438