

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : PROS-12-L327.IES

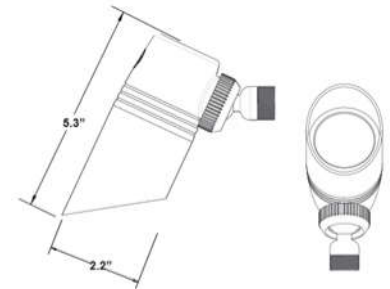
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3230
[TESTLAB] Labsphere
[ISSUEDATE] 4/15/2019 8:03:25 AM
[MANUFAC] TORO
[LUMINAIRE] PROS-12-L327
[LAMP] LED-3W-CM6FL27K
[_AMBIENT] 23.0 deg C
[_POWERFACTOR] 0.5806
[_ATHD] 0.00%
[_CURRENT] 0.35
[_VOLTAGE] 11.94
[_Lumens] 209.40
[_END VOLTS] 11.94
[_END CURRENT] 0.35
[_END POWER] 2.42

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	647.88
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	30.2
Vertical Beam Angle (50%)	30.8
Horizontal Field Angle (10%)	56.9
Vertical Field Angle (10%)	55.8
Lumens Per Lamp	200 (1 lamp)
Total Lamp Lumens	200
Beam Lumens	99
Beam Efficiency	50 %
Field Lumens	186
Field Efficiency	93 %
Spill Lumens	24
Luminaire Lumens	210
Total Efficiency	105 %
Total Luminaire Watts	2.46
Ballast Factor	1.00

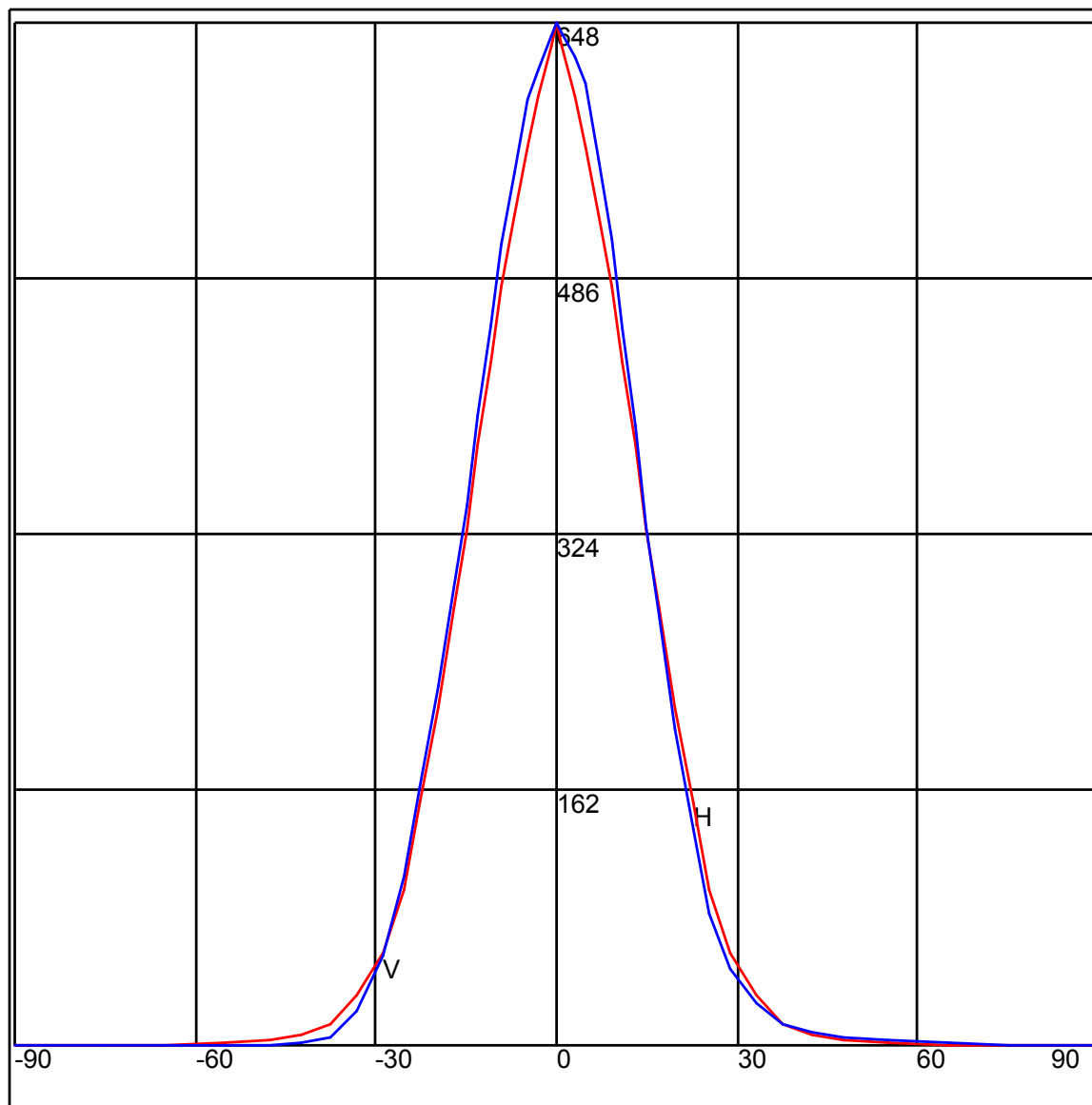


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AXIAL CANDELA

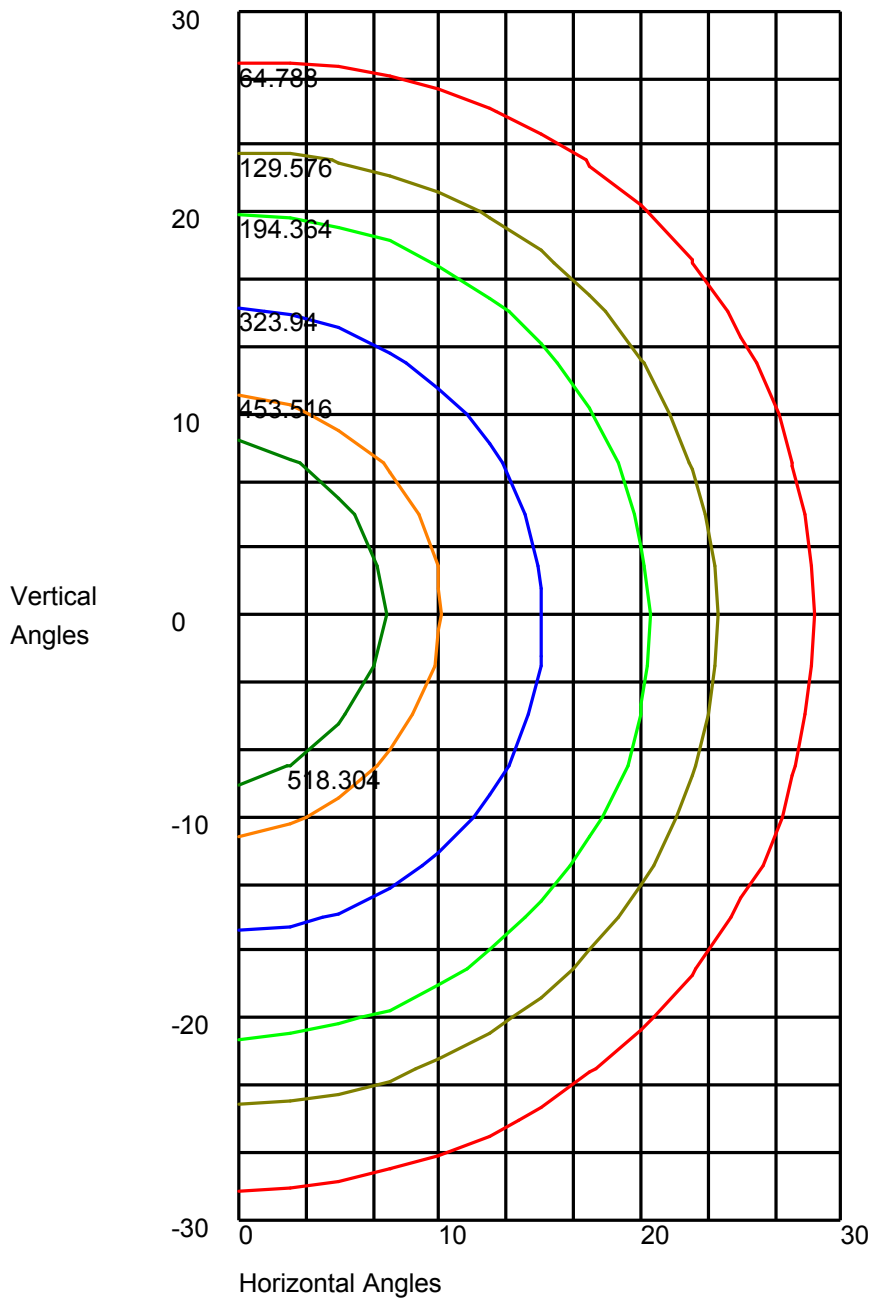
DEG.	HOR.	DEG.	VERT.
90	.12	90	.23
85	.24	85	.29
75	.25	75	.27
65	.27	65	.5
55	.96	55	2.36
47.5	3.52	47.5	5.13
42.5	6.4	42.5	8.03
37.5	13.71	37.5	13.51
33	30.52	33	25.65
29	58.73	29	48.35
25.5	98.28	25.5	83.38
22.5	152.44	22.5	136.58
19.5	213.54	19.5	199.14
17	276.5	17	270.92
15	326.87	15	328.35
13	379.69	13	391.09
11	432.52	11	453.83
9	480.88	9	510.05
7	524.78	7	559.76
5	568.68	5	609.47
3	600.36	3	624.83
1	632.04	1	640.2
0	647.88	0	647.88
-1	632.04	-1	637.87
-3	600.36	-3	617.84
-5	568.68	-5	597.82
-7	524.78	-7	552.2
-9	480.88	-9	506.58
-11	432.52	-11	455.32
-13	379.69	-13	398.43
-15	326.87	-15	341.54
-17	276.5	-17	290.07
-19.5	213.54	-19.5	225.74
-22.5	152.44	-22.5	163.12
-25.5	98.28	-25.5	106.21
-29	58.73	-29	56.14
-33	30.52	-33	21.77
-37.5	13.71	-37.5	4.83
-42.5	6.4	-42.5	.78
-47.5	3.52	-47.5	.28
-55	.96	-55	.18
-65	.27	-65	.19
-75	.25	-75	.18
-85	.24	-85	.17
-90	.12	-90	.21

AXIAL CANDELA DISPLAY



Maximum Candela = 647.88 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 647.88 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 323.94
10% Maximum Candela = 64.788