

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : ENVO-12-L27.IES

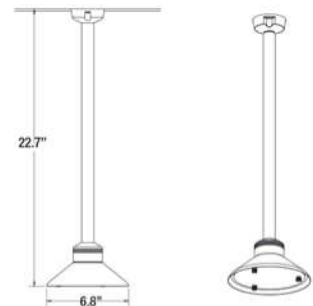
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3268
[TESTLAB] Labsphere
[ISSUEDATE] 5/30/2019 2:07:20 PM
[MANUFAC] TORO
[LUMINAIRE] ENVO-12-L27
[LAMP] LED-2W-T330K-12
[_AMBIENT] 0.0 deg C
[_POWERFACTOR] 0.6074
[_ATHD] 0.00%
[_CURRENT] 0.25
[_VOLTAGE] 11.99
[_Lumens] 144.50
[_END VOLTS] 11.99
[_END CURRENT] 0.24
[_END POWER] 1.77

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	58.04
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	103.1
Vertical Beam Angle (50%)	106.4
Horizontal Field Angle (10%)	151.2
Vertical Field Angle (10%)	153.4
Lumens Per Lamp	190 (1 lamp)
Total Lamp Lumens	190
Beam Lumens	105
Beam Efficiency	55 %
Field Lumens	141
Field Efficiency	74 %
Spill Lumens	3
Luminaire Lumens	144
Total Efficiency	76 %
Total Luminaire Watts	1.84
Ballast Factor	1.00

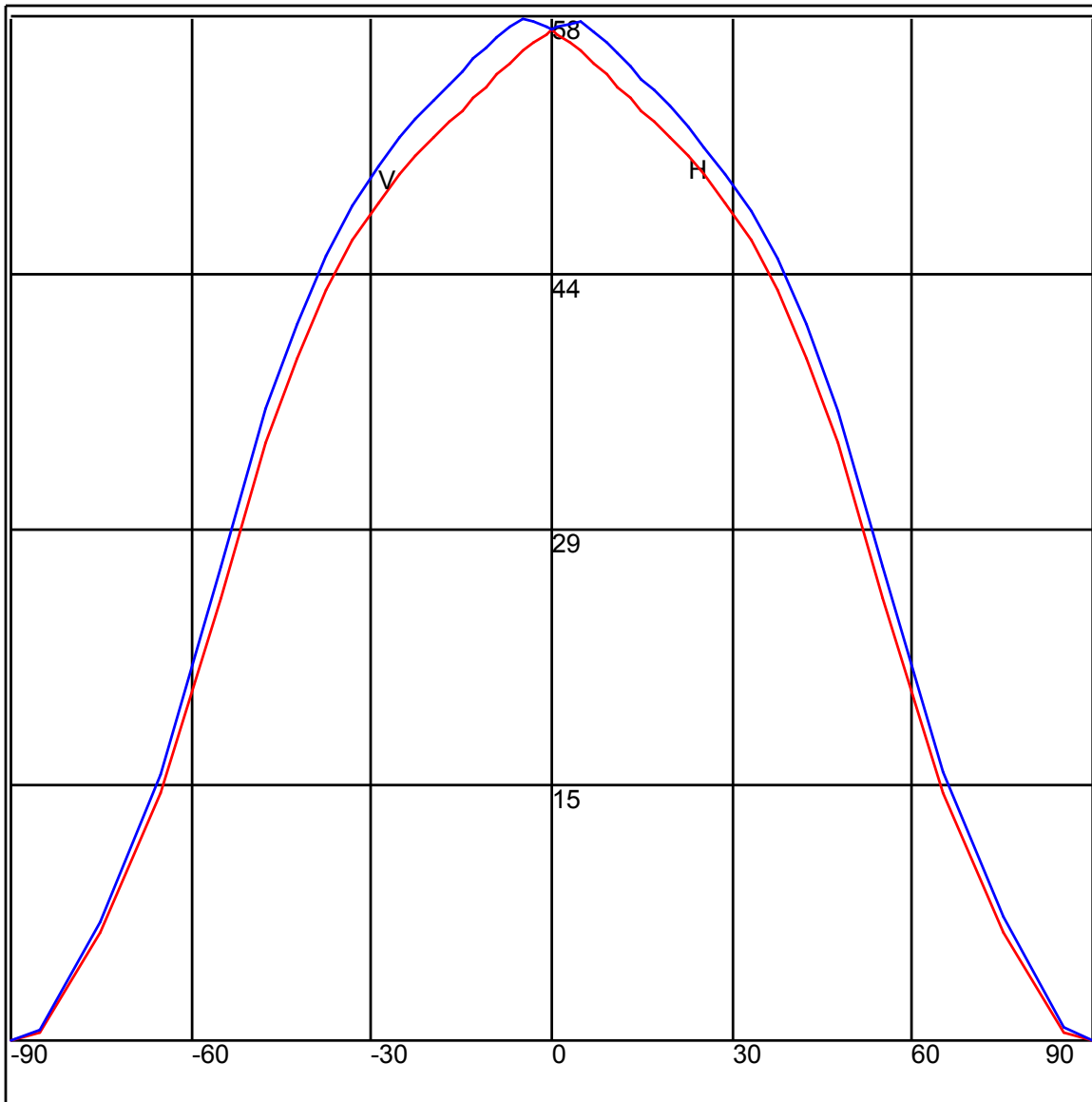


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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.03	90	.02
85	.41	85	.7
75	6.14	75	6.99
65	14.01	65	15.24
55	25.13	55	26.82
47.5	33.92	47.5	35.76
42.5	38.7	42.5	40.56
37.5	42.52	37.5	44.36
33	45.35	33	47.12
29	47.51	29	49.17
25.5	49.21	25.5	50.71
22.5	50.25	22.5	51.88
19.5	51.21	19.5	53.01
17	52.07	17	53.89
15	52.76	15	54.59
13	53.45	13	55.28
11	54.14	11	55.97
9	54.81	9	56.6
7	55.47	7	57.19
5	56.13	5	57.77
3	56.63	3	57.62
1	57.14	1	57.47
0	57.39	0	57.39
-1	57.14	-1	57.52
-3	56.63	-3	57.78
-5	56.13	-5	58.04
-7	55.47	-7	57.49
-9	54.81	-9	56.94
-11	54.14	-11	56.33
-13	53.45	-13	55.65
-15	52.76	-15	54.97
-17	52.07	-17	54.26
-19.5	51.21	-19.5	53.37
-22.5	50.25	-22.5	52.35
-25.5	49.21	-25.5	51.27
-29	47.51	-29	49.55
-33	45.35	-33	47.36
-37.5	42.52	-37.5	44.48
-42.5	38.7	-42.5	40.63
-47.5	33.92	-47.5	35.83
-55	25.13	-55	26.91
-65	14.01	-65	15.1
-75	6.14	-75	6.72
-85	.41	-85	.5
-90	.03	-90	.02

AXIAL CANDELA DISPLAY

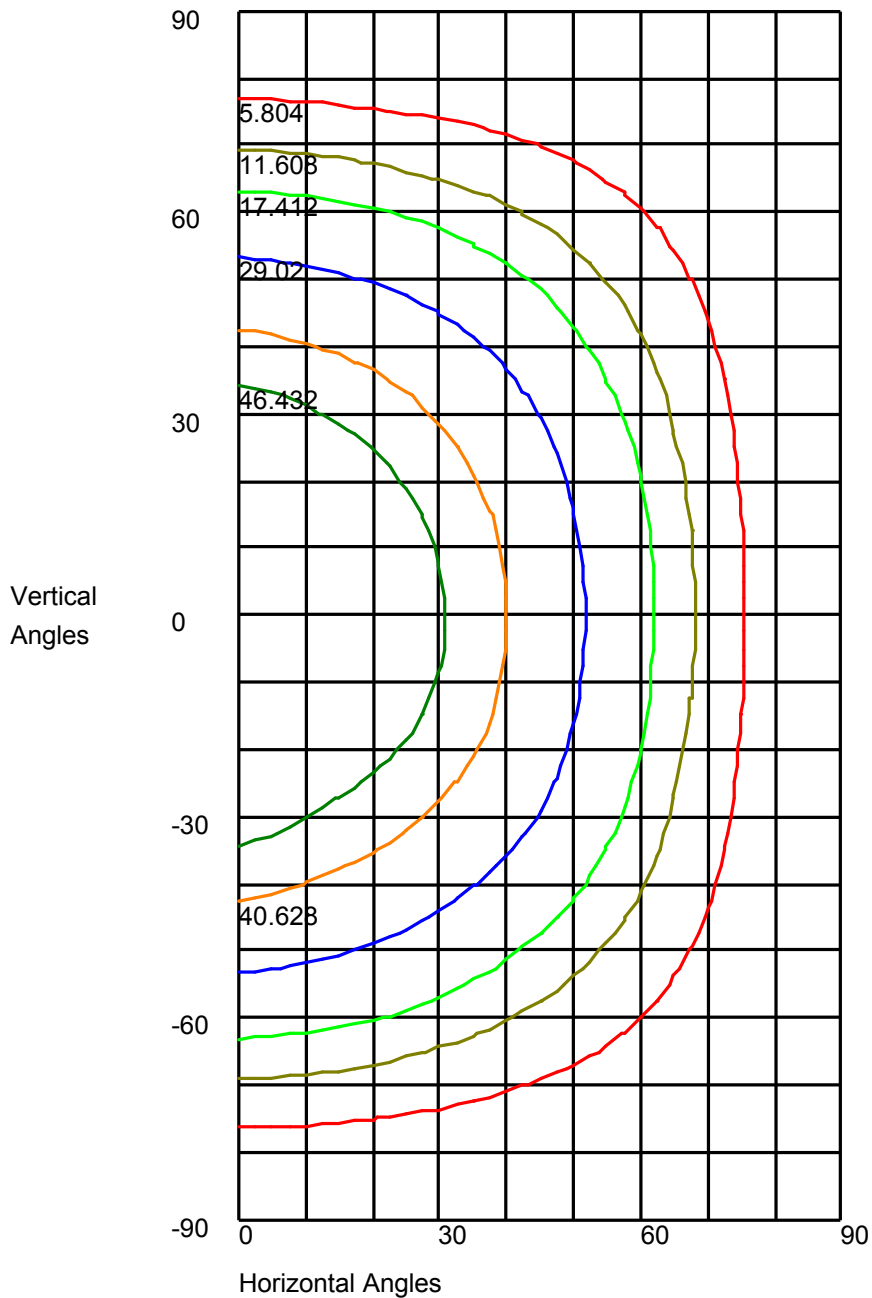


Maximum Candela = 58.04 Located At Horizontal Angle = 0, Vertical Angle = -5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 58.04 Located At Horizontal Angle = 0, Vertical Angle = -5
50% Maximum Candela = 29.02
10% Maximum Candela = 5.804