

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : OBSE-12-L2.IES

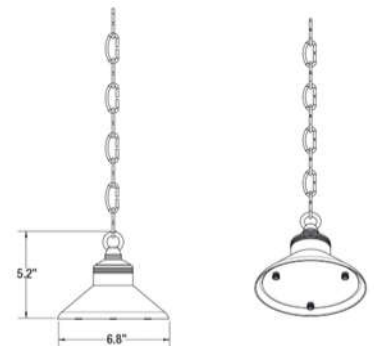
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3267
[TESTLAB] Labsphere
[ISSUEDATE] 5/30/2019 11:47:34 AM
[MANUFAC] TORO
[LUMINAIRE] OBSE-12-L2
[LAMP] LED-2W-T330K-12
[_AMBIENT] 22.7 deg C
[_POWERFACTOR] 0.6117
[_ATHD] 0.00%
[_CURRENT] 0.26
[_VOLTAGE] 11.99
[_Lumens] 130.08
[_END VOLTS] 11.99
[_END CURRENT] 0.25
[_END POWER] 1.82

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	52.33
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	102.8
Vertical Beam Angle (50%)	106.8
Horizontal Field Angle (10%)	151.0
Vertical Field Angle (10%)	153.5
Lumens Per Lamp	200 (1 lamp)
Total Lamp Lumens	200
Beam Lumens	94
Beam Efficiency	47 %
Field Lumens	127
Field Efficiency	64 %
Spill Lumens	3
Luminaire Lumens	130
Total Efficiency	65 %
Total Luminaire Watts	1.89
Ballast Factor	1.00

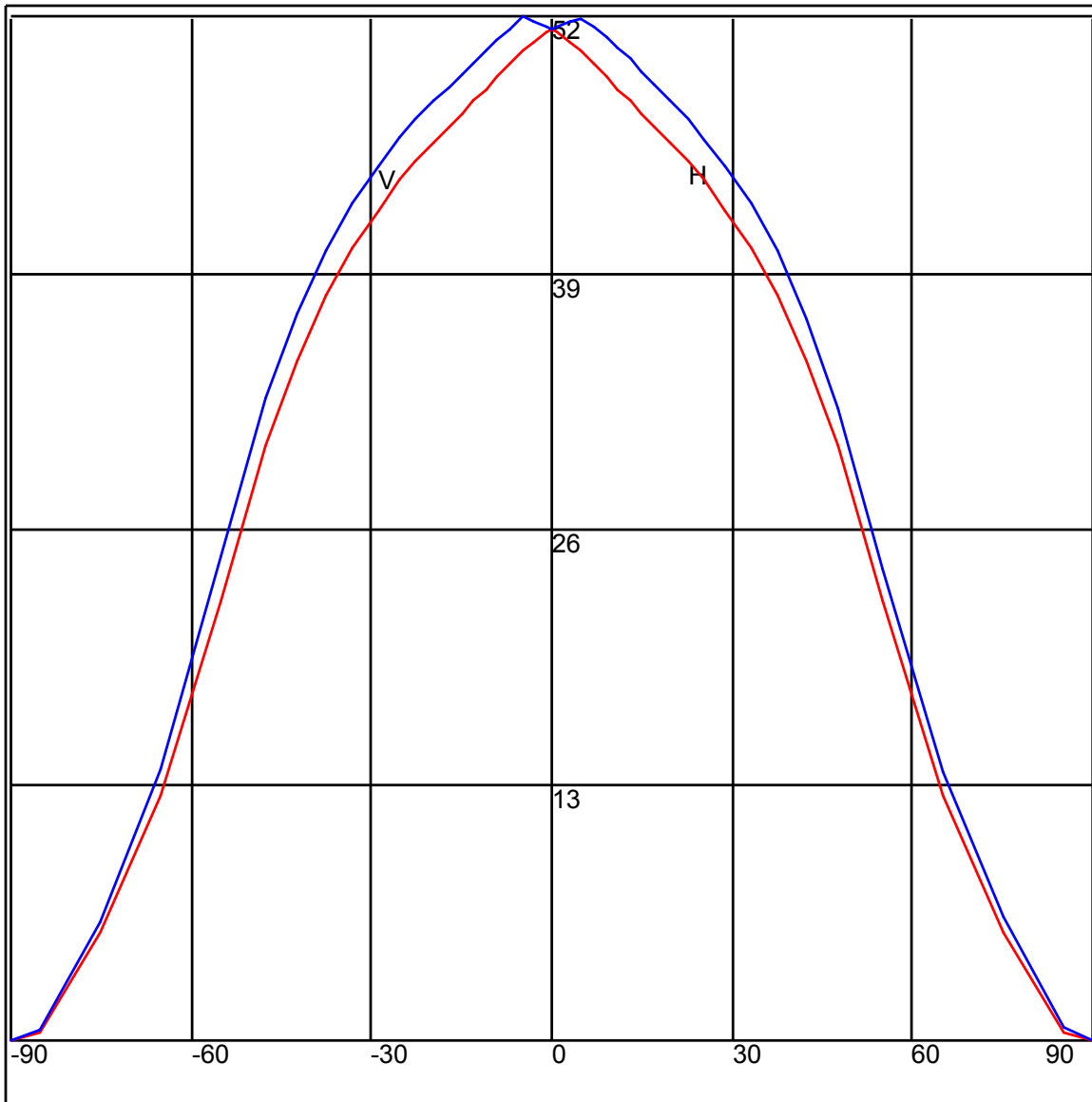


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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.02	90	.02
85	.37	85	.66
75	5.5	75	6.33
65	12.53	65	13.69
55	22.52	55	24.12
47.5	30.4	47.5	32.25
42.5	34.71	42.5	36.85
37.5	38.11	37.5	40.46
33	40.55	33	42.89
29	42.43	29	44.73
25.5	43.99	25.5	46.1
22.5	44.98	22.5	47.13
19.5	45.91	19.5	48.13
17	46.72	17	48.94
15	47.36	15	49.59
13	48.02	13	50.2
11	48.68	11	50.81
9	49.33	9	51.35
7	49.96	7	51.82
5	50.59	5	52.29
3	51.06	3	52.08
1	51.53	1	51.87
0	51.77	0	51.77
-1	51.53	-1	51.88
-3	51.06	-3	52.11
-5	50.59	-5	52.33
-7	49.96	-7	51.77
-9	49.33	-9	51.2
-11	48.68	-11	50.61
-13	48.02	-13	50
-15	47.36	-15	49.39
-17	46.72	-17	48.79
-19.5	45.91	-19.5	48.03
-22.5	44.98	-22.5	47.15
-25.5	43.99	-25.5	46.19
-29	42.43	-29	44.68
-33	40.55	-33	42.82
-37.5	38.11	-37.5	40.41
-42.5	34.71	-42.5	37.11
-47.5	30.4	-47.5	32.86
-55	22.52	-55	24.72
-65	12.53	-65	13.83
-75	5.5	-75	6.09
-85	.37	-85	.49
-90	.02	-90	.02

AXIAL CANDELA DISPLAY

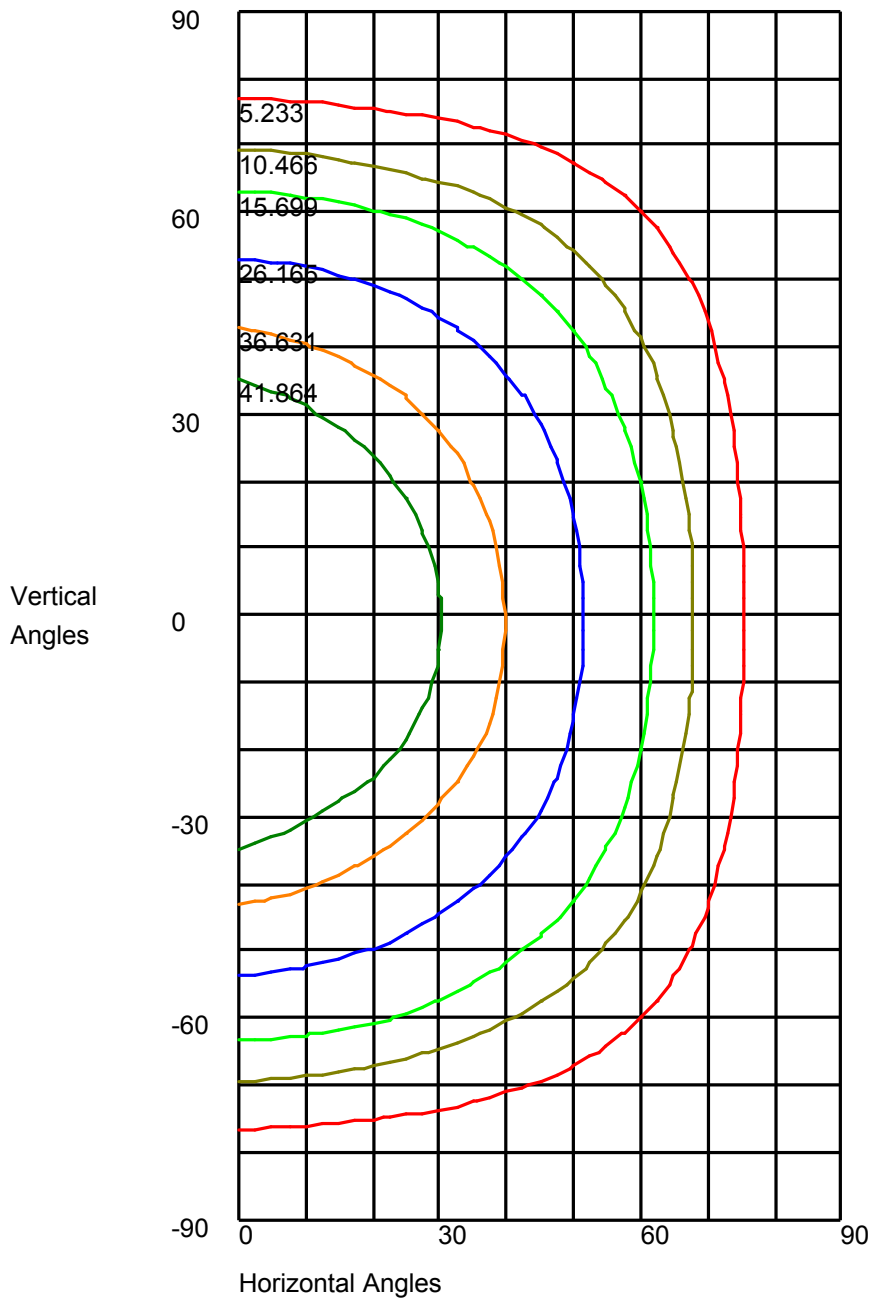


Maximum Candela = 52.33 Located At Horizontal Angle = 0, Vertical Angle = -5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 52.33 Located At Horizontal Angle = 0, Vertical Angle = -5
50% Maximum Candela = 26.165
10% Maximum Candela = 5.233