

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : OBSE-12-L1.IES

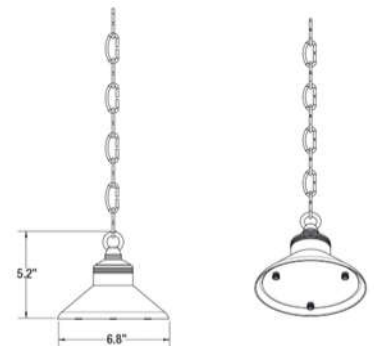
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3269  
[TESTLAB] Labsphere  
[ISSUEDATE] 5/31/2019 7:36:40 AM  
[MANUFAC] TORO  
[LUMINAIRE] OBSE-12-L1  
[LAMP] LED-1W-T330K-12  
[ \_AMBIENT] 21.1 deg C  
[ \_POWERFACTOR] 0.5867  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.13  
[ \_VOLTAGE] 11.96  
[ \_Lumens] 70.21  
[ \_END VOLTS] 11.96  
[ \_END CURRENT] 0.13  
[ \_END POWER] 0.91

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

### CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	28.37
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	102.4
Vertical Beam Angle (50%)	105.0
Horizontal Field Angle (10%)	151.2
Vertical Field Angle (10%)	153.2
Lumens Per Lamp	100 (1 lamp)
Total Lamp Lumens	100
Beam Lumens	50
Beam Efficiency	50 %
Field Lumens	69
Field Efficiency	69 %
Spill Lumens	2
Luminaire Lumens	70
Total Efficiency	70 %
Total Luminaire Watts	0.94
Ballast Factor	1.00

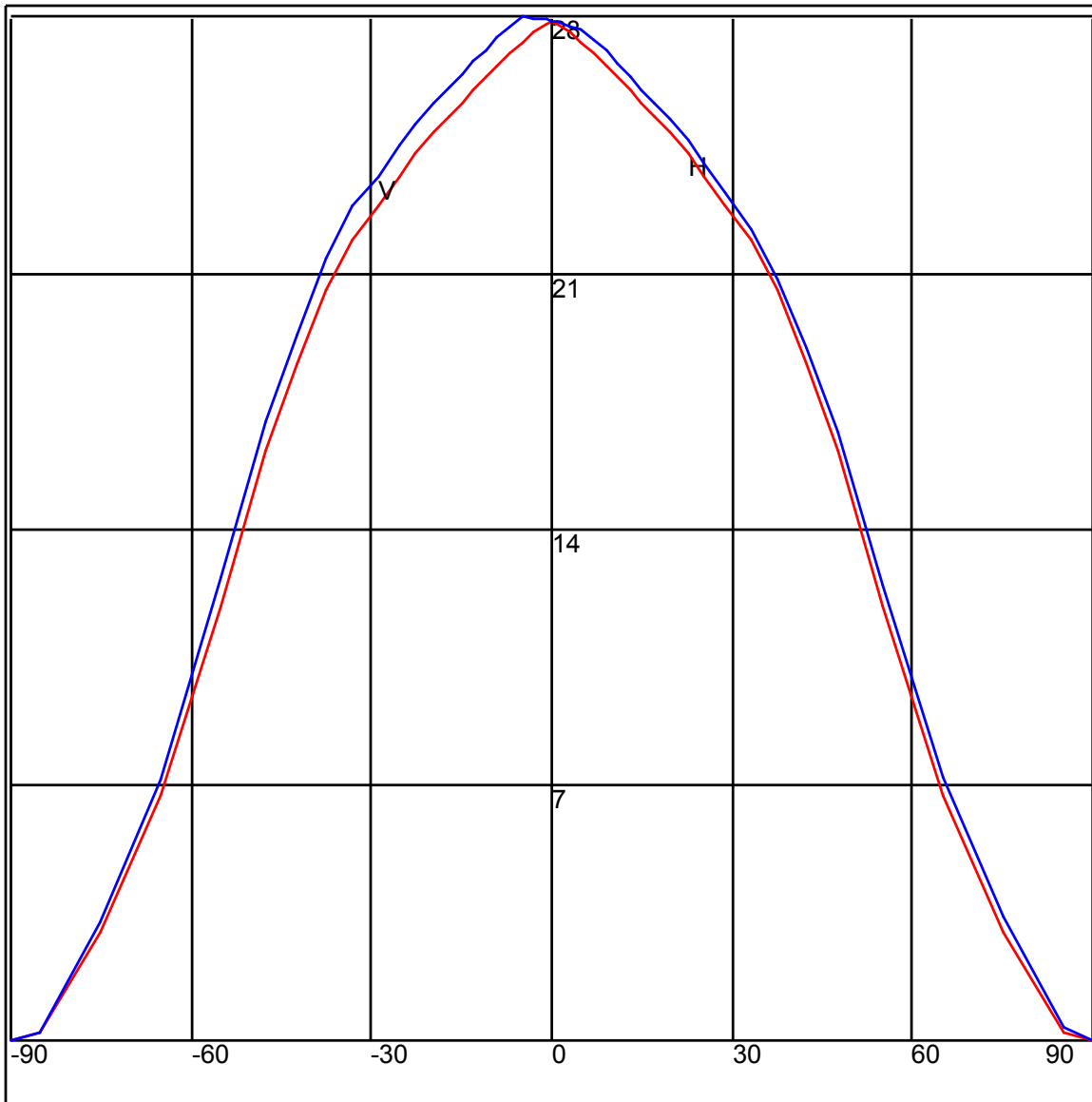


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : OBSE-12-L1.IES**

**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.01	90	.01
85	.18	85	.31
75	3.01	75	3.4
65	6.77	65	7.27
55	12.07	55	12.64
47.5	16.35	47.5	16.88
42.5	18.73	42.5	19.21
37.5	20.78	37.5	21.09
33	22.22	33	22.48
29	23.12	29	23.53
25.5	23.97	25.5	24.34
22.5	24.59	22.5	24.97
19.5	25.17	19.5	25.56
17	25.62	17	26.02
15	25.98	15	26.39
13	26.34	13	26.75
11	26.7	11	27.12
9	27.05	9	27.45
7	27.38	7	27.75
5	27.71	5	28.05
3	27.94	3	28.15
1	28.17	1	28.24
0	28.29	0	28.29
-1	28.17	-1	28.31
-3	27.94	-3	28.34
-5	27.71	-5	28.37
-7	27.38	-7	28.08
-9	27.05	-9	27.79
-11	26.7	-11	27.48
-13	26.34	-13	27.15
-15	25.98	-15	26.82
-17	25.62	-17	26.46
-19.5	25.17	-19.5	26
-22.5	24.59	-22.5	25.42
-25.5	23.97	-25.5	24.81
-29	23.12	-29	23.97
-33	22.22	-33	23.15
-37.5	20.78	-37.5	21.69
-42.5	18.73	-42.5	19.56
-47.5	16.35	-47.5	17.18
-55	12.07	-55	12.85
-65	6.77	-65	7.23
-75	3.01	-75	3.25
-85	.18	-85	.22
-90	.01	-90	.01

AXIAL CANDELA DISPLAY

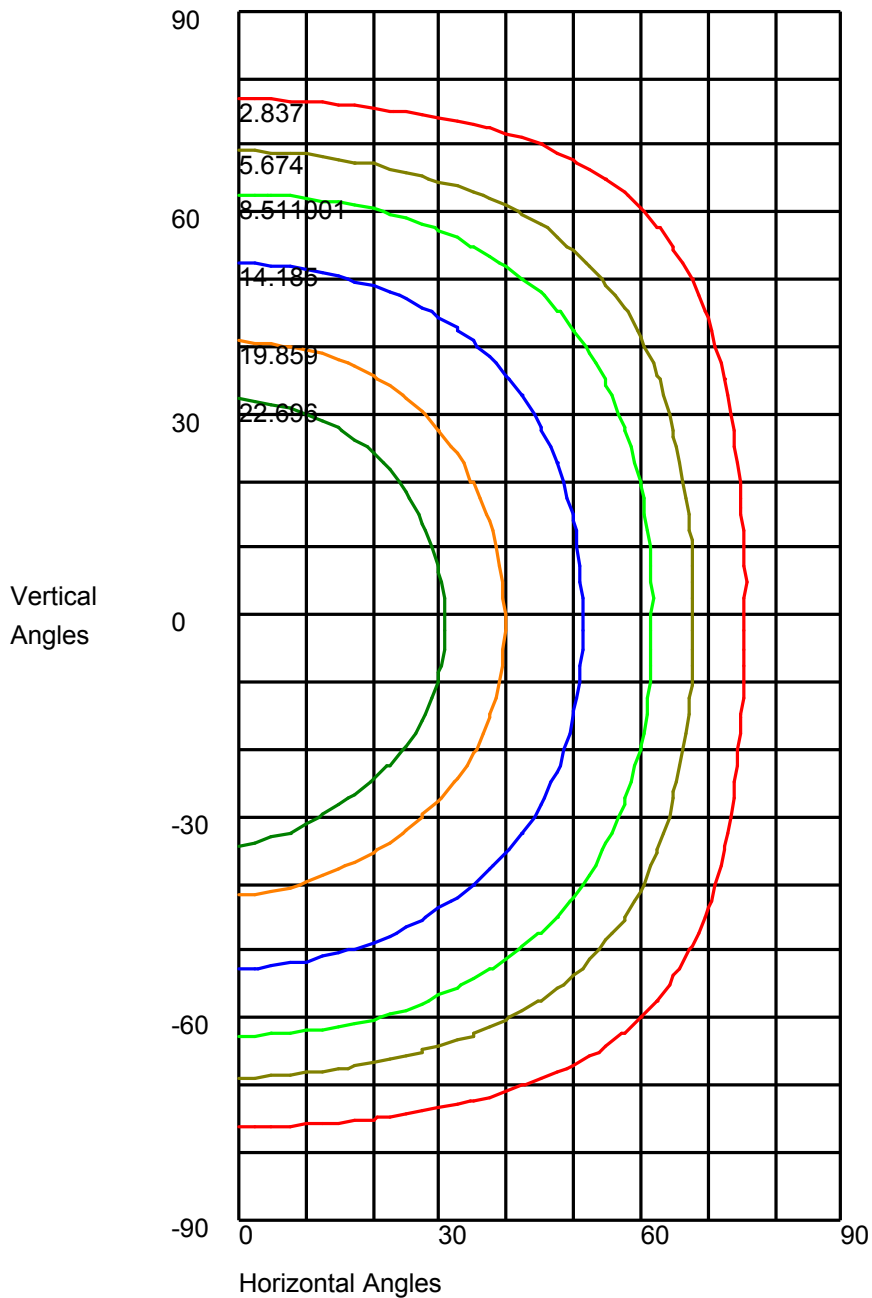


Maximum Candela = 28.37 Located At Horizontal Angle = 0, Vertical Angle = -5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 28.37 Located At Horizontal Angle = 0, Vertical Angle = -5  
50% Maximum Candela = 14.185  
10% Maximum Candela = 2.837