

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : OBSE-12-L427.IES

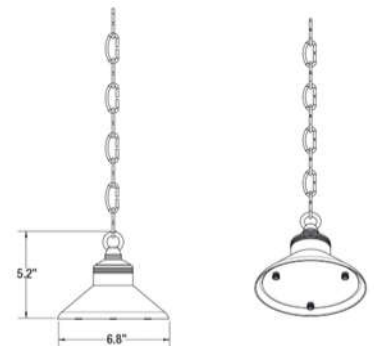
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3924  
[TESTLAB] Labsphere  
[ISSUEDATE] 6/1/2022 8:42:04 AM  
[MANUFAC] TORO  
[LUMINAIRE] OBSE-12-L427  
[LAMP] LED-4W-CM6FL27K  
[ \_AMBIENT] 21.8 deg C  
[ \_POWERFACTOR] 0.6329  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.49  
[ \_VOLTAGE] 11.87  
[ \_Lumens] 311.06  
[ \_END VOLTS] 11.98  
[ \_END CURRENT] 0.47  
[ \_END POWER] 3.56

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

### CHARACTERISTICS

NEMA Type	5 H x 5 V
Maximum Candela	442.79
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	40.3
Vertical Beam Angle (50%)	40.1
Horizontal Field Angle (10%)	84.1
Vertical Field Angle (10%)	83.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	119
Beam Efficiency	N.A.
Field Lumens	244
Field Efficiency	N.A.
Spill Lumens	68
Luminaire Lumens	312
Total Efficiency	N.A.
Total Luminaire Watts	3.68
Ballast Factor	1.00

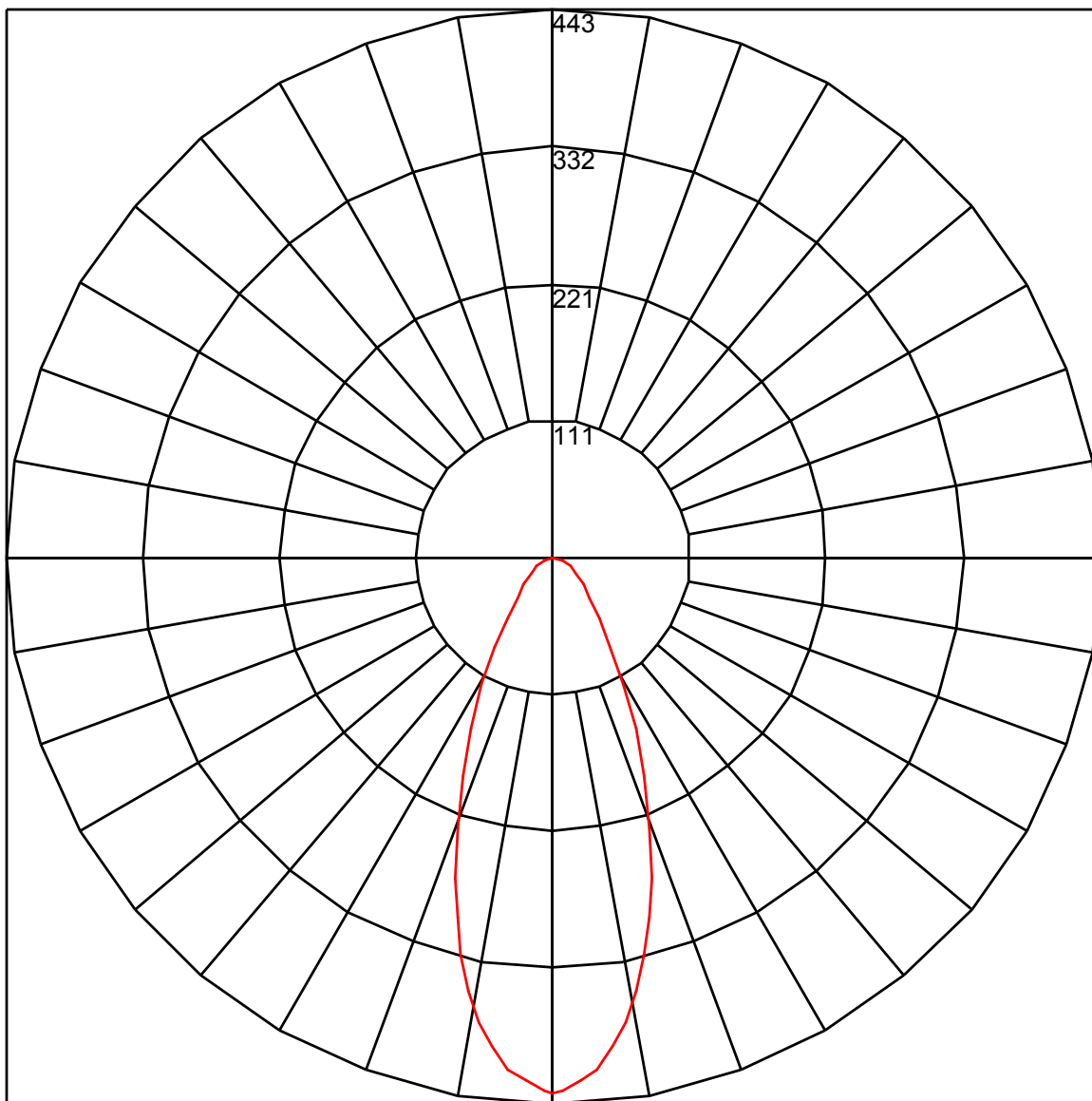


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : OBSE-12-L427.IES**

**AXIAL CANDELA**

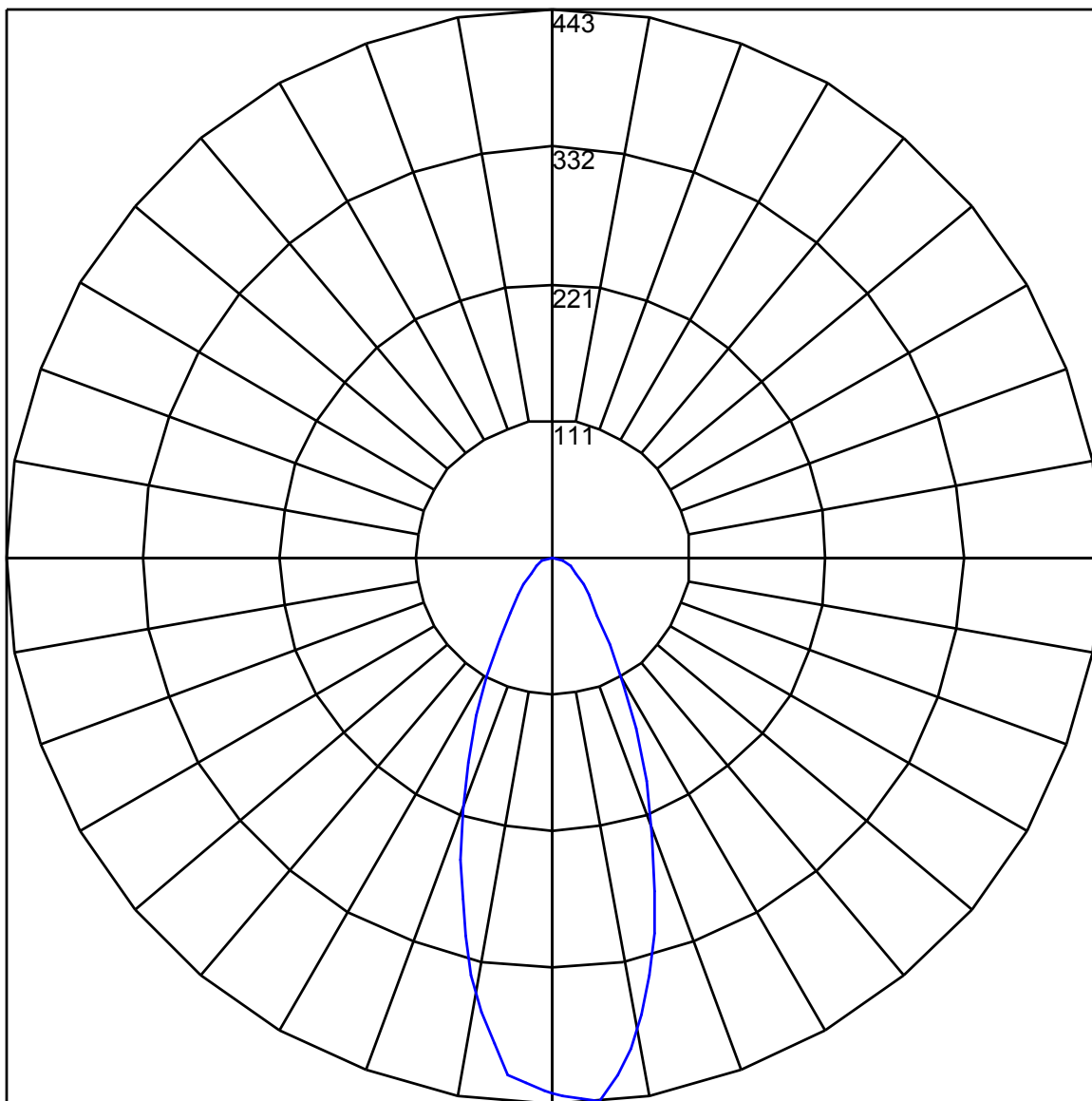
DEG.	HOR.	DEG.	VERT.
90	.09	90	.11
85	.18	85	.18
75	8.36	75	8.71
65	15.16	65	15.45
55	22.56	55	22.87
47.5	32.25	47.5	32.24
42.5	43.27	42.5	42.72
37.5	61.19	37.5	59.92
33	86.45	33	84.77
29	117.97	29	116.67
25.5	154.05	25.5	154.06
22.5	192.78	22.5	195.62
19.5	233.94	19.5	240.25
17	271.86	17	282.35
15	302.2	15	316.03
13	329.96	13	346.74
11	357.72	11	377.45
9	380.74	9	402.81
7	399.03	7	422.8
5	417.31	5	442.79
3	424.3	3	439.59
1	431.29	1	436.38
0	434.78	0	434.78
-1	431.29	-1	432.19
-3	424.3	-3	427.01
-5	417.31	-5	421.83
-7	399.03	-7	397.39
-9	380.74	-9	372.96
-11	357.72	-11	345.74
-13	329.96	-13	315.74
-15	302.2	-15	285.74
-17	271.86	-17	255.76
-19.5	233.94	-19.5	218.29
-22.5	192.78	-22.5	179.12
-25.5	154.05	-25.5	142.65
-29	117.97	-29	109.18
-33	86.45	-33	80.31
-37.5	61.19	-37.5	57.36
-42.5	43.27	-42.5	41.2
-47.5	32.25	-47.5	31.38
-55	22.56	-55	22.53
-65	15.16	-65	15.64
-75	8.36	-75	9.36
-85	.18	-85	.39
-90	.09	-90	.11

AXIAL CANDELA DISPLAY



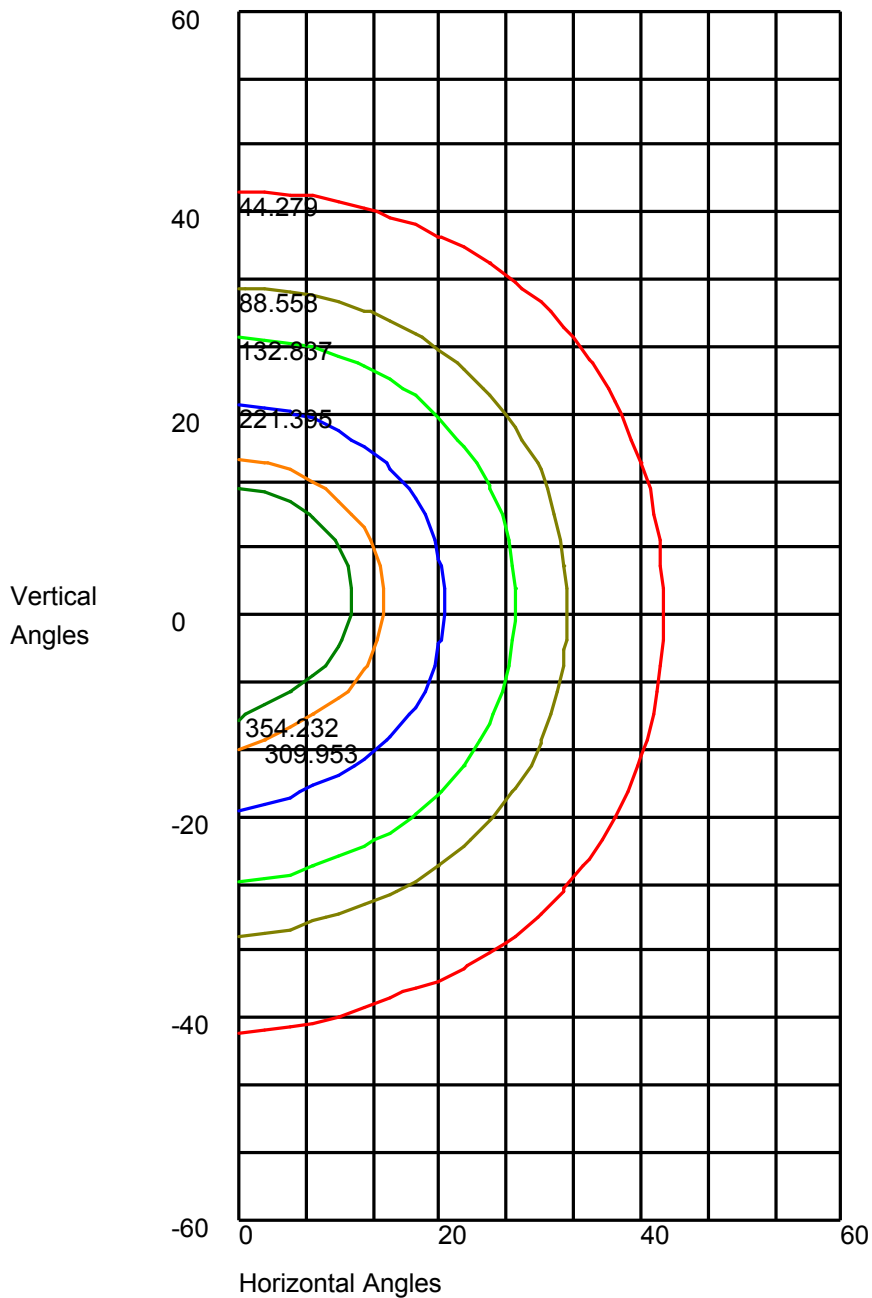
Maximum Candela = 442.79 Located At Horizontal Angle = 0, Vertical Angle = 5  
Horizontal Axial Candela

AXIAL CANDELA DISPLAY



Maximum Candela = 442.79 Located At Horizontal Angle = 0, Vertical Angle = 5  
Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 442.79 Located At Horizontal Angle = 0, Vertical Angle = 5  
50% Maximum Candela = 221.395  
10% Maximum Candela = 44.279