

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : LUNA-12-L827.IES

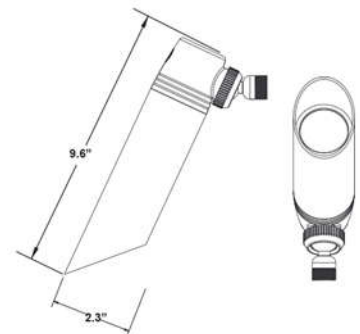
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3307  
[TESTLAB] Labsphere  
[ISSUEDATE] 8/2/2019 6:24:25 AM  
[MANUFAC] TORO  
[LUMINAIRE] LUNA-12-L827  
[LAMP] LED-8W-CM6WF27K  
[POWERFACTOR] 0.9206  
[ATHD] 0.00%  
[CURRENT] 0.70  
[VOLTAGE] 12.02  
[Lumens] 206.63  
[END VOLTS] 12.03  
[END CURRENT] 0.65  
[END POWER] 7.19

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

### CHARACTERISTICS

NEMA Type	3 H x 3 V
Maximum Candela	1625.47
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	19.1
Vertical Beam Angle (50%)	20.4
Horizontal Field Angle (10%)	32.2
Vertical Field Angle (10%)	31.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	128
Beam Efficiency	N.A.
Field Lumens	193
Field Efficiency	N.A.
Spill Lumens	15
Luminaire Lumens	208
Total Efficiency	N.A.
Total Luminaire Watts	7.76
Ballast Factor	1.00

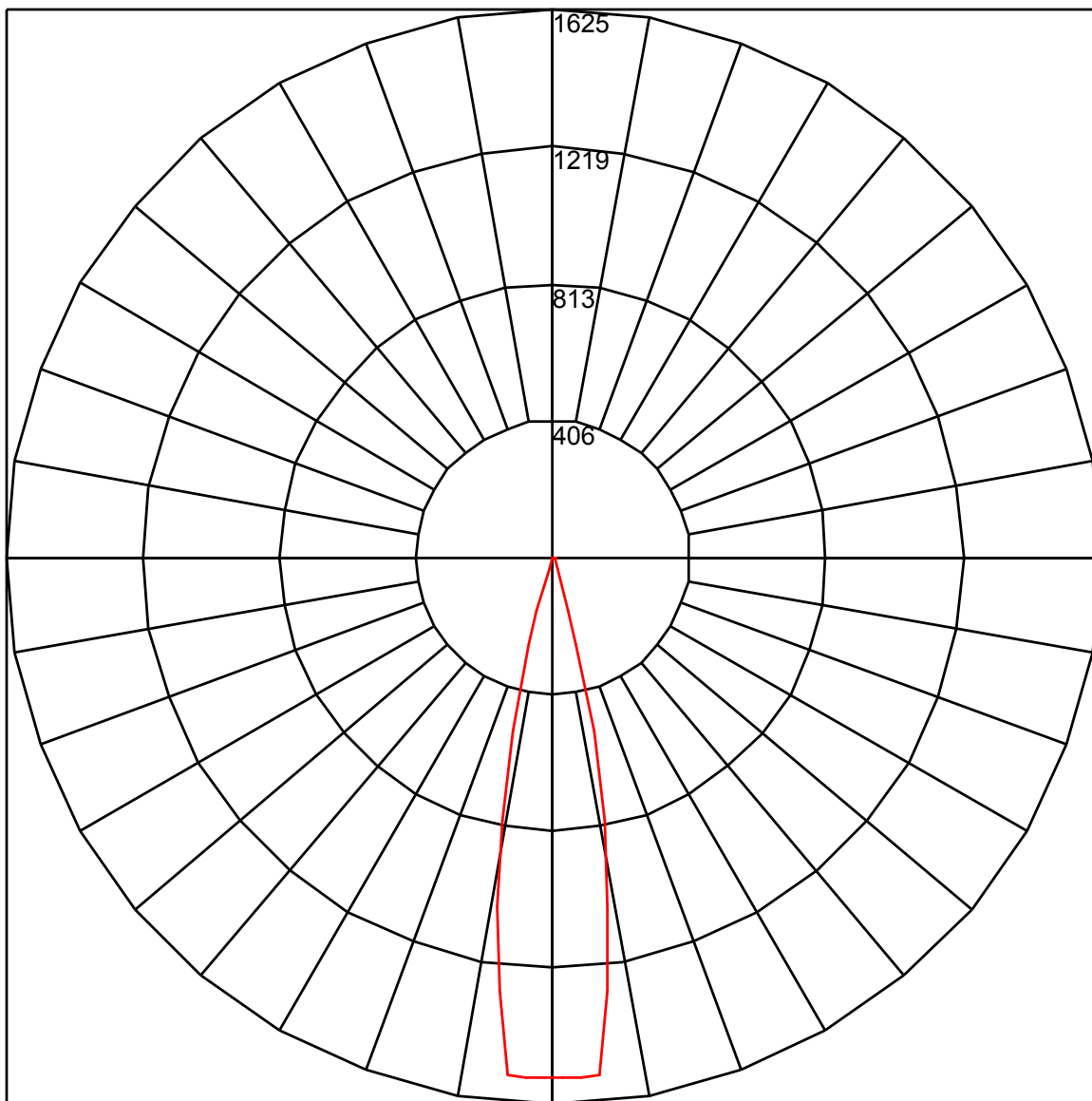


**IES FLOOD REPORT**  
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**AXIAL CANDELA**

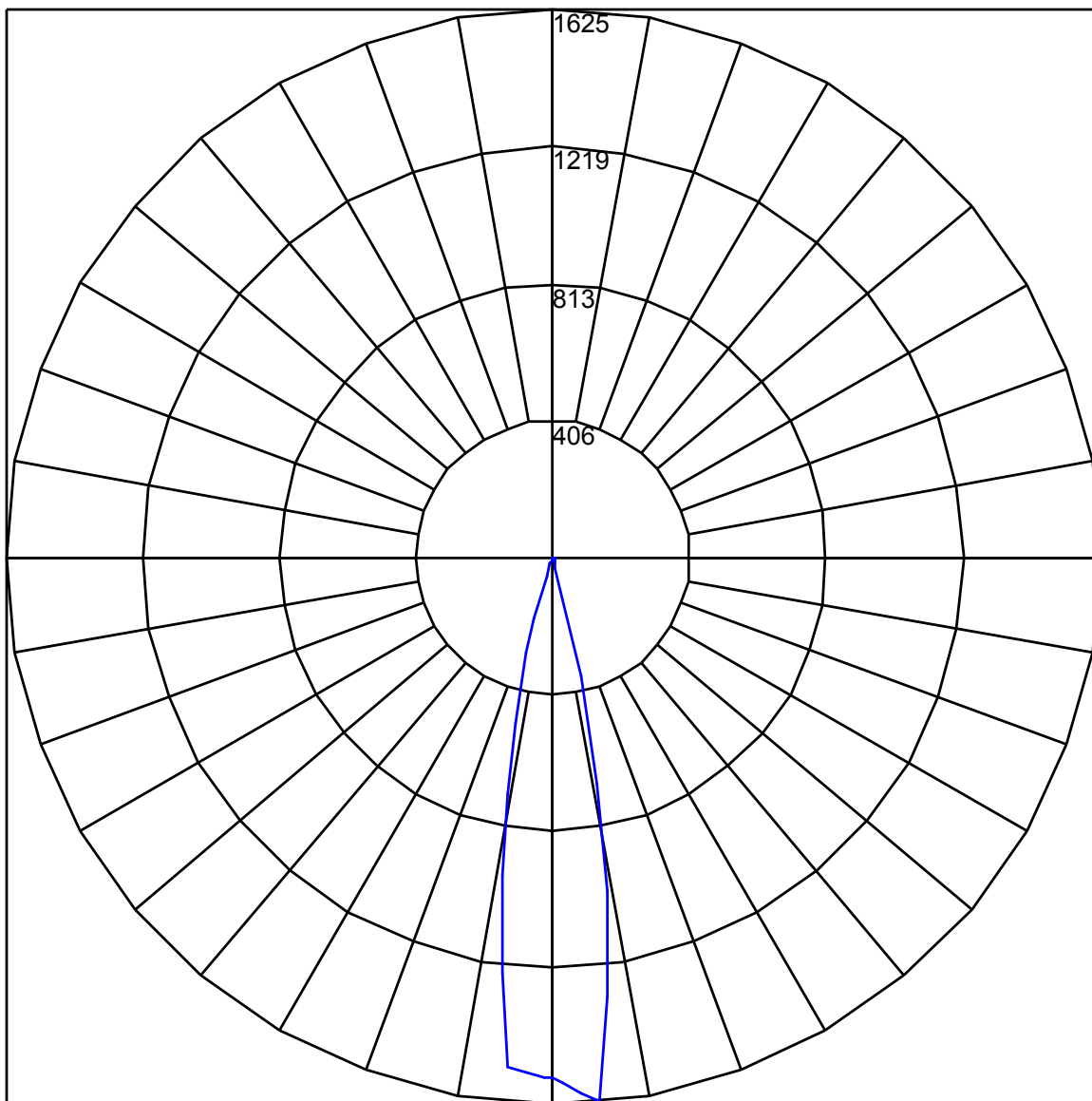
DEG.	HOR.	DEG.	VERT.
90	.28	90	.37
85	.26	85	.4
75	.3	75	.28
65	.35	65	.28
55	.44	55	.25
47.5	.62	47.5	.35
42.5	.94	42.5	.24
37.5	1.37	37.5	.29
33	2.03	33	.52
29	2.97	29	1.34
25.5	3.99	25.5	3.2
22.5	5.65	22.5	4.46
19.5	33.31	19.5	8.12
17	164.02	17	21.42
15	268.58	15	32.06
13	533.19	13	359.88
11	797.8	11	687.69
9	1052.91	9	1006.37
7	1298.54	7	1315.92
5	1544.16	5	1625.47
3	1546.76	3	1595.55
1	1549.37	1	1565.63
0	1550.67	0	1550.67
-1	1549.37	-1	1544.73
-3	1546.76	-3	1532.85
-5	1544.16	-5	1520.97
-7	1298.54	-7	1240.99
-9	1052.91	-9	961
-11	797.8	-11	716.29
-13	533.19	-13	506.85
-15	268.58	-15	297.41
-17	164.02	-17	190.66
-19.5	33.31	-19.5	57.23
-22.5	5.65	-22.5	20.31
-25.5	3.99	-25.5	9.71
-29	2.97	-29	7.15
-33	2.03	-33	4.97
-37.5	1.37	-37.5	3.32
-42.5	.94	-42.5	2.08
-47.5	.62	-47.5	1.26
-55	.44	-55	.66
-65	.35	-65	.51
-75	.3	-75	.38
-85	.26	-85	.3
-90	.28	-90	.25

AXIAL CANDELA DISPLAY



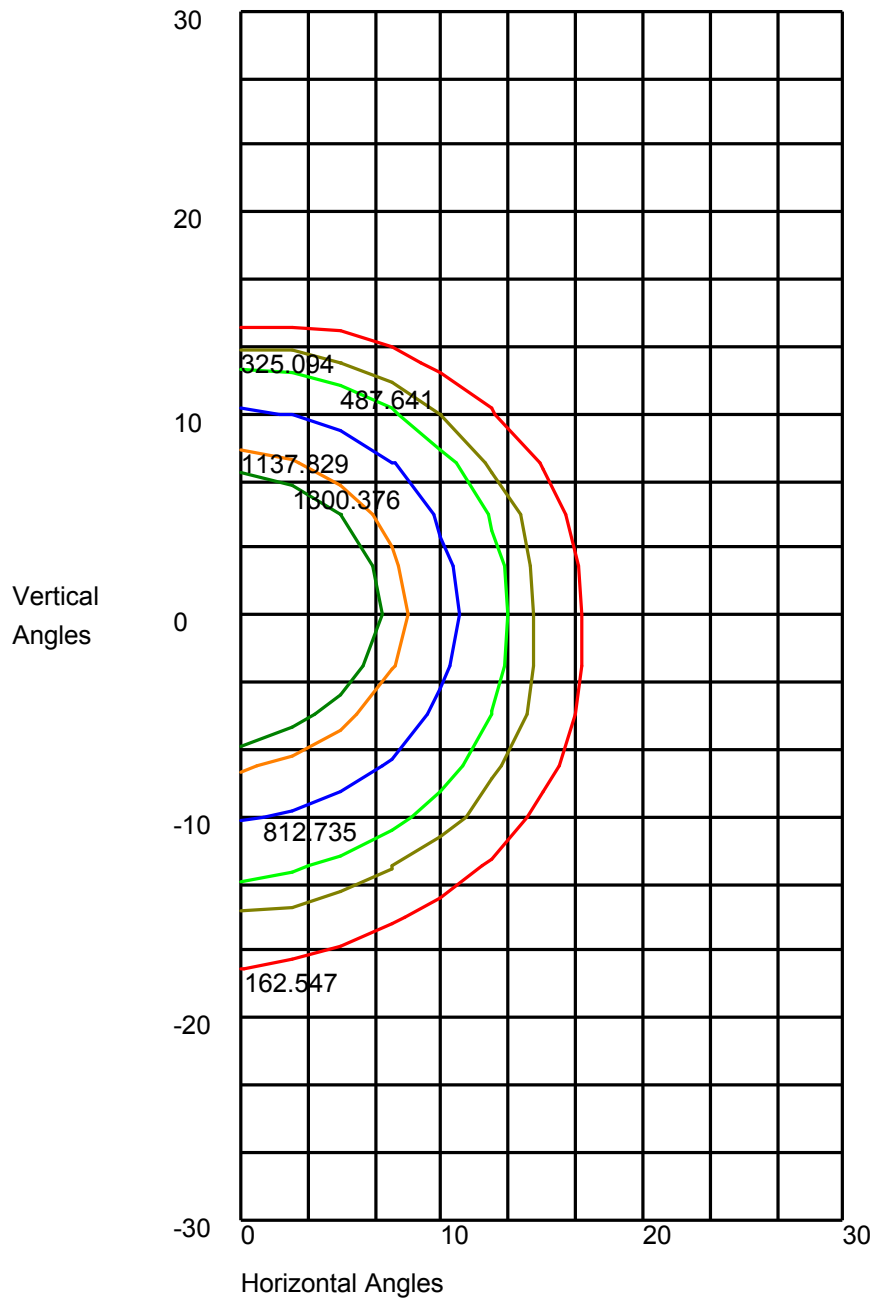
Maximum Candela = 1625.47 Located At Horizontal Angle = 0, Vertical Angle = 5  
Horizontal Axial Candela

AXIAL CANDELA DISPLAY



Maximum Candela = 1625.47 Located At Horizontal Angle = 0, Vertical Angle = 5  
Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1625.47 Located At Horizontal Angle = 0, Vertical Angle = 5  
50% Maximum Candela = 812.735  
10% Maximum Candela = 162.547