

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : LUNA-12-L327.IES

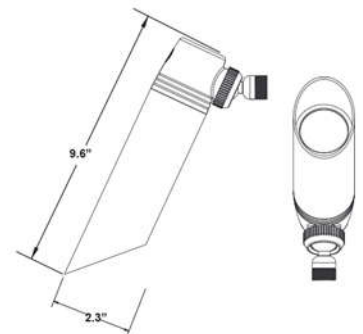
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3302  
[TESTLAB] Labsphere  
[ISSUEDATE] 7/31/2019 9:14:56 AM  
[MANUFAC] TORO  
[LUMINAIRE] LUNA-12-L327  
[LAMP] LED-3W-CM6WF27K  
[POWERFACTOR] 0.5686  
[ATHD] 0.00%  
[CURRENT] 0.36  
[VOLTAGE] 11.96  
[Lumens] 25.58  
[END VOLTS] 11.95  
[END CURRENT] 0.35  
[END POWER] 2.40

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

### CHARACTERISTICS

NEMA Type	2 H x 3 V
Maximum Candela	215.27
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	20.4
Vertical Beam Angle (50%)	20.3
Horizontal Field Angle (10%)	28.7
Vertical Field Angle (10%)	30.4
Lumens Per Lamp	200 (1 lamp)
Total Lamp Lumens	200
Beam Lumens	16
Beam Efficiency	8 %
Field Lumens	23
Field Efficiency	11 %
Spill Lumens	3
Luminaire Lumens	26
Total Efficiency	13 %
Total Luminaire Watts	2.45
Ballast Factor	1.00

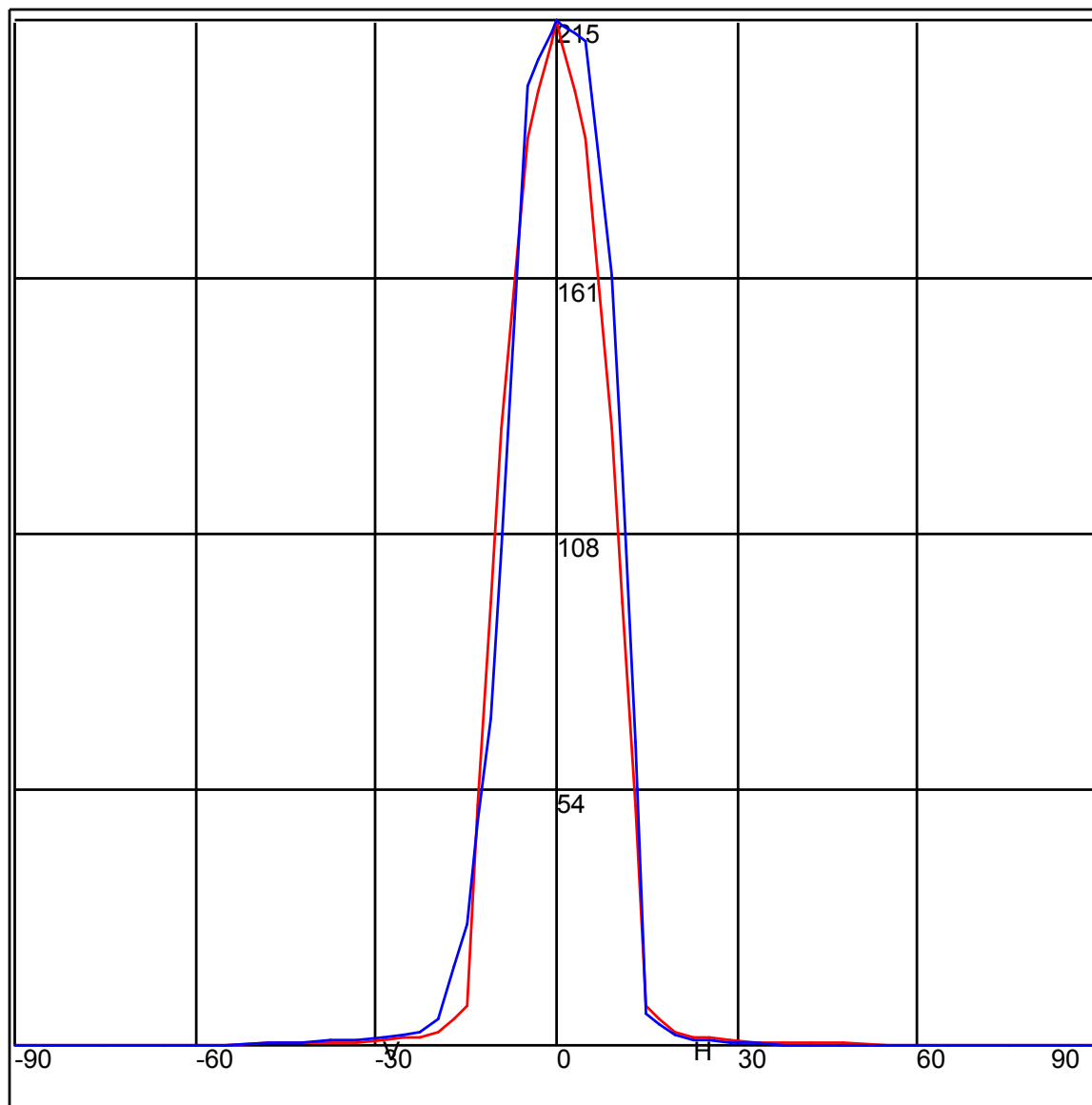


**IES FLOOD REPORT**  
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**AXIAL CANDELA**

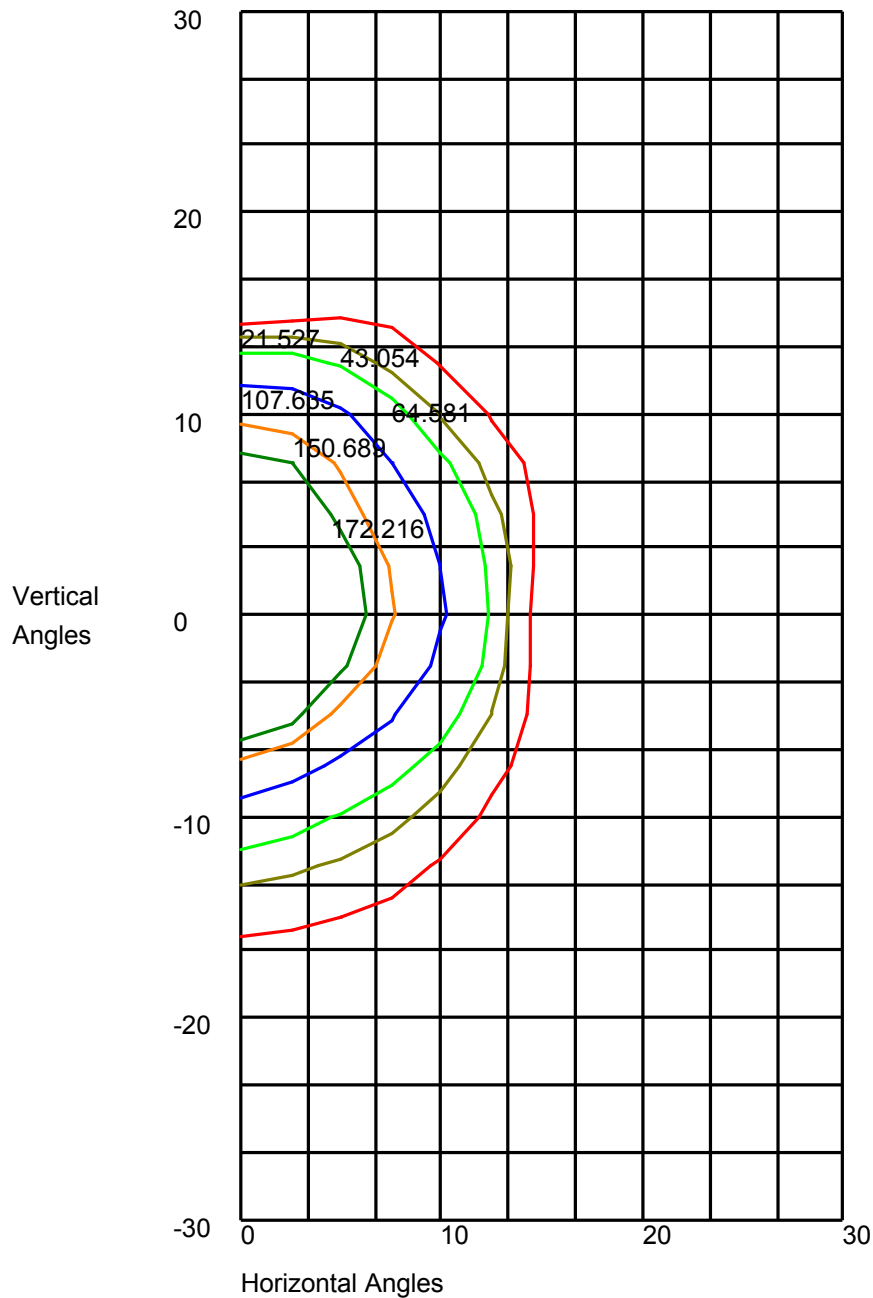
DEG.	HOR.	DEG.	VERT.
90	.04	90	.05
85	.06	85	.06
75	.05	75	.05
65	.05	65	.05
55	.07	55	.04
47.5	.14	47.5	.04
42.5	.23	42.5	.04
37.5	.39	37.5	.08
33	.6	33	.21
29	.88	29	.47
25.5	1.27	25.5	.81
22.5	1.73	22.5	1.17
19.5	2.72	19.5	1.95
17	5.6	17	4.35
15	7.9	15	6.27
13	50.42	13	63.58
11	92.95	11	120.89
9	129.54	9	161.91
7	160.2	7	186.64
5	190.86	5	211.37
3	200.62	3	212.93
1	210.39	1	214.49
0	215.27	0	215.27
-1	210.39	-1	212.61
-3	200.62	-3	207.28
-5	190.86	-5	201.95
-7	160.2	-7	152.93
-9	129.54	-9	103.9
-11	92.95	-11	68.62
-13	50.42	-13	47.09
-15	7.9	-15	25.56
-17	5.6	-17	16.52
-19.5	2.72	-19.5	5.23
-22.5	1.73	-22.5	2.49
-25.5	1.27	-25.5	1.94
-29	.88	-29	1.47
-33	.6	-33	1.06
-37.5	.39	-37.5	.72
-42.5	.23	-42.5	.44
-47.5	.14	-47.5	.24
-55	.07	-55	.12
-65	.05	-65	.07
-75	.05	-75	.05
-85	.06	-85	.05
-90	.04	-90	.06

AXIAL CANDELA DISPLAY



Maximum Candela = 215.27 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 215.27 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 107.635  
10% Maximum Candela = 21.527