

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : LUNA-12-L530.IES

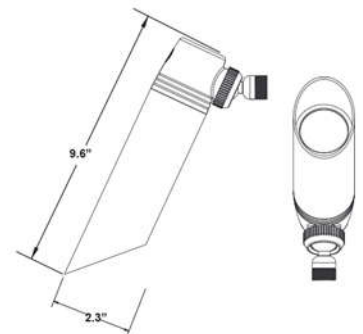
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3306  
[TESTLAB] Labsphere  
[ISSUEDATE] 8/1/2019 12:28:55 PM  
[MANUFAC] TORO  
[LUMINAIRE] LUNA-12-L530  
[LAMP] LED-5W-CM6WF30K  
[\_POWERFACTOR] 0.9173  
[\_ATHD] 0.00%  
[\_CURRENT] 0.43  
[\_VOLTAGE] 12.00  
[\_Lumens] 129.91  
[\_END VOLTS] 12.00  
[\_END CURRENT] 0.41  
[\_END POWER] 4.51

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

### CHARACTERISTICS

NEMA Type	3 H x 3 V
Maximum Candela	1004.82
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	19.4
Vertical Beam Angle (50%)	20.6
Horizontal Field Angle (10%)	33.6
Vertical Field Angle (10%)	32.4
Lumens Per Lamp	390 (1 lamp)
Total Lamp Lumens	390
Beam Lumens	73
Beam Efficiency	19 %
Field Lumens	120
Field Efficiency	31 %
Spill Lumens	10
Luminaire Lumens	131
Total Efficiency	34 %
Total Luminaire Watts	4.69
Ballast Factor	1.00

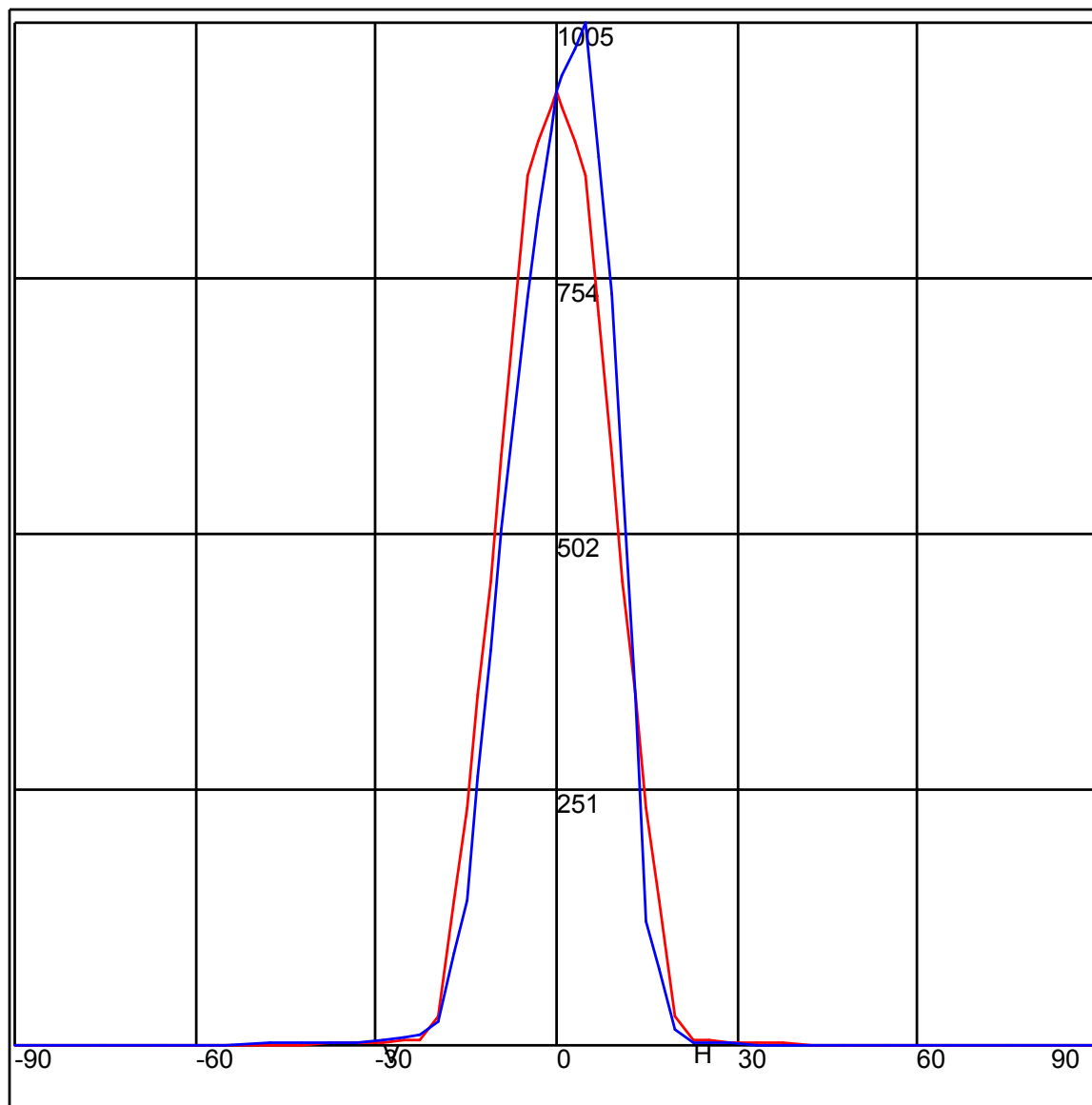


**IES FLOOD REPORT**  
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**AXIAL CANDELA**

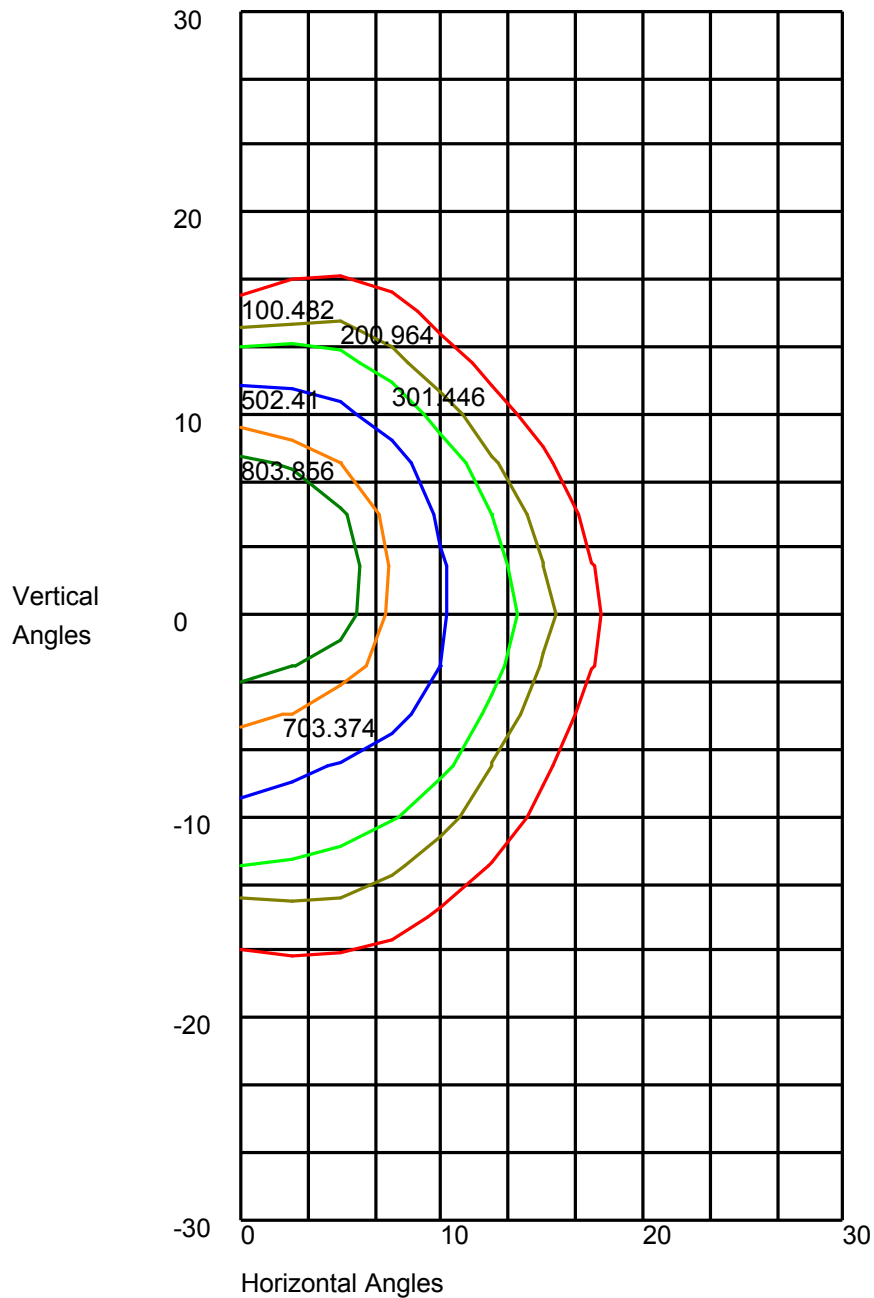
DEG.	HOR.	DEG.	VERT.
90	.13	90	.21
85	.21	85	.19
75	.25	75	.16
65	.21	65	.14
55	.24	55	.21
47.5	.35	47.5	.24
42.5	.55	42.5	.17
37.5	.95	37.5	.22
33	1.67	33	.5
29	2.64	29	1.03
25.5	3.67	25.5	1.84
22.5	5.07	22.5	2.67
19.5	28.82	19.5	15.05
17	141.33	17	73.4
15	231.34	15	120.08
13	343.36	13	339.66
11	455.39	11	559.23
9	579.62	9	736.18
7	716.05	7	870.5
5	852.49	5	1004.82
3	886.3	3	977.7
1	920.11	1	950.57
0	937.01	0	937.01
-1	920.11	-1	896.35
-3	886.3	-3	815.04
-5	852.49	-5	733.73
-7	716.05	-7	619.89
-9	579.62	-9	506.04
-11	455.39	-11	387.5
-13	343.36	-13	264.27
-15	231.34	-15	141.04
-17	141.33	-17	88.97
-19.5	28.82	-19.5	23.89
-22.5	5.07	-22.5	8.72
-25.5	3.67	-25.5	6.31
-29	2.64	-29	4.58
-33	1.67	-33	3.14
-37.5	.95	-37.5	2.01
-42.5	.55	-42.5	1.18
-47.5	.35	-47.5	.75
-55	.24	-55	.38
-65	.21	-65	.27
-75	.25	-75	.2
-85	.21	-85	.13
-90	.13	-90	.22

AXIAL CANDELA DISPLAY



Maximum Candela = 1004.82 Located At Horizontal Angle = 0, Vertical Angle = 5  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1004.82 Located At Horizontal Angle = 0, Vertical Angle = 5  
50% Maximum Candela = 502.41  
10% Maximum Candela = 100.482