

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : LUNA-12-L527.IES

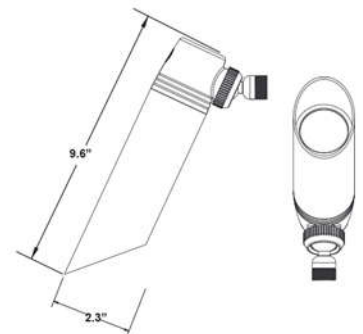
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3305
[TESTLAB] Labsphere
[ISSUEDATE] 8/1/2019 8:11:07 AM
[MANUFAC] TORO
[LUMINAIRE] LUNA-12-L527
[LAMP] LED-5W-CM6WF27K
[POWERFACTOR] 0.9172
[ATHD] 0.00%
[CURRENT] 0.43
[VOLTAGE] 11.99
[Lumens] 54.71
[END VOLTS] 12.00
[END CURRENT] 0.42
[END POWER] 4.63

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

CHARACTERISTICS

NEMA Type	3 H x 3 V
Maximum Candela	399.42
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	18.9
Vertical Beam Angle (50%)	20.8
Horizontal Field Angle (10%)	34.1
Vertical Field Angle (10%)	32.1
Lumens Per Lamp	380 (1 lamp)
Total Lamp Lumens	380
Beam Lumens	31
Beam Efficiency	8 %
Field Lumens	49
Field Efficiency	13 %
Spill Lumens	6
Luminaire Lumens	55
Total Efficiency	14 %
Total Luminaire Watts	4.76
Ballast Factor	1.00



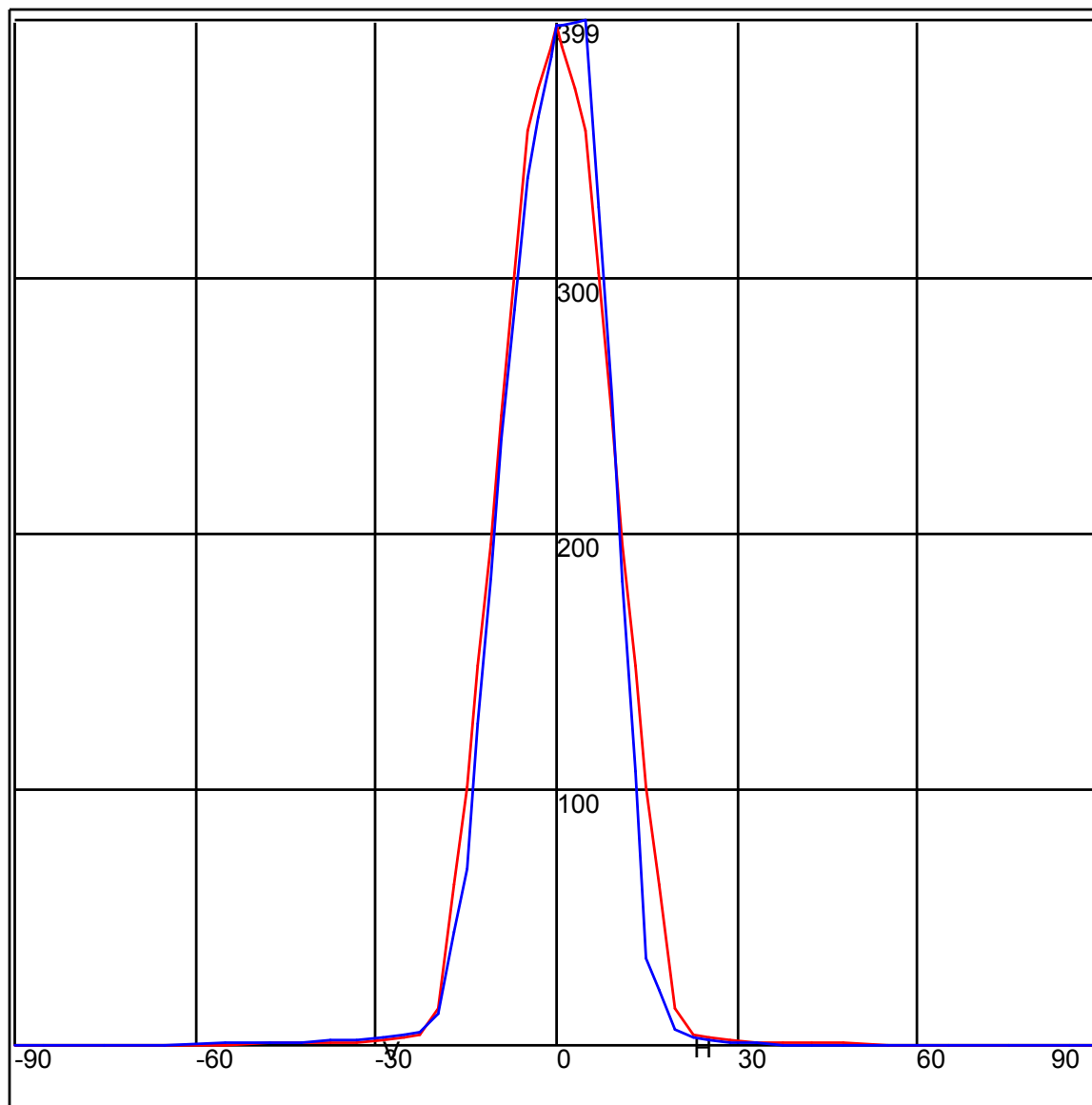
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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.1	90	.08
85	.08	85	.1
75	.09	75	.09
65	.1	65	.09
55	.13	55	.07
47.5	.3	47.5	.09
42.5	.48	42.5	.07
37.5	.78	37.5	.1
33	1.24	33	.34
29	1.81	29	.87
25.5	2.53	25.5	1.61
22.5	3.45	22.5	2.41
19.5	13.9	19.5	6.13
17	62.02	17	21.26
15	100.52	15	33.36
13	147.7	13	107.2
11	194.89	11	181.05
9	246.07	9	254.26
7	301.26	7	326.84
5	356.44	5	399.42
3	372.82	3	398.61
1	389.2	1	397.8
0	397.39	0	397.39
-1	389.2	-1	385.6
-3	372.82	-3	362.03
-5	356.44	-5	338.46
-7	301.26	-7	287.23
-9	246.07	-9	236
-11	194.89	-11	181.96
-13	147.7	-13	125.13
-15	100.52	-15	68.29
-17	62.02	-17	43.49
-19.5	13.9	-19.5	12.49
-22.5	3.45	-22.5	5.2
-25.5	2.53	-25.5	3.97
-29	1.81	-29	3.01
-33	1.24	-33	2.1
-37.5	.78	-37.5	1.38
-42.5	.48	-42.5	.88
-47.5	.3	-47.5	.51
-55	.13	-55	.27
-65	.1	-65	.15
-75	.09	-75	.09
-85	.08	-85	.08
-90	.1	-90	.09

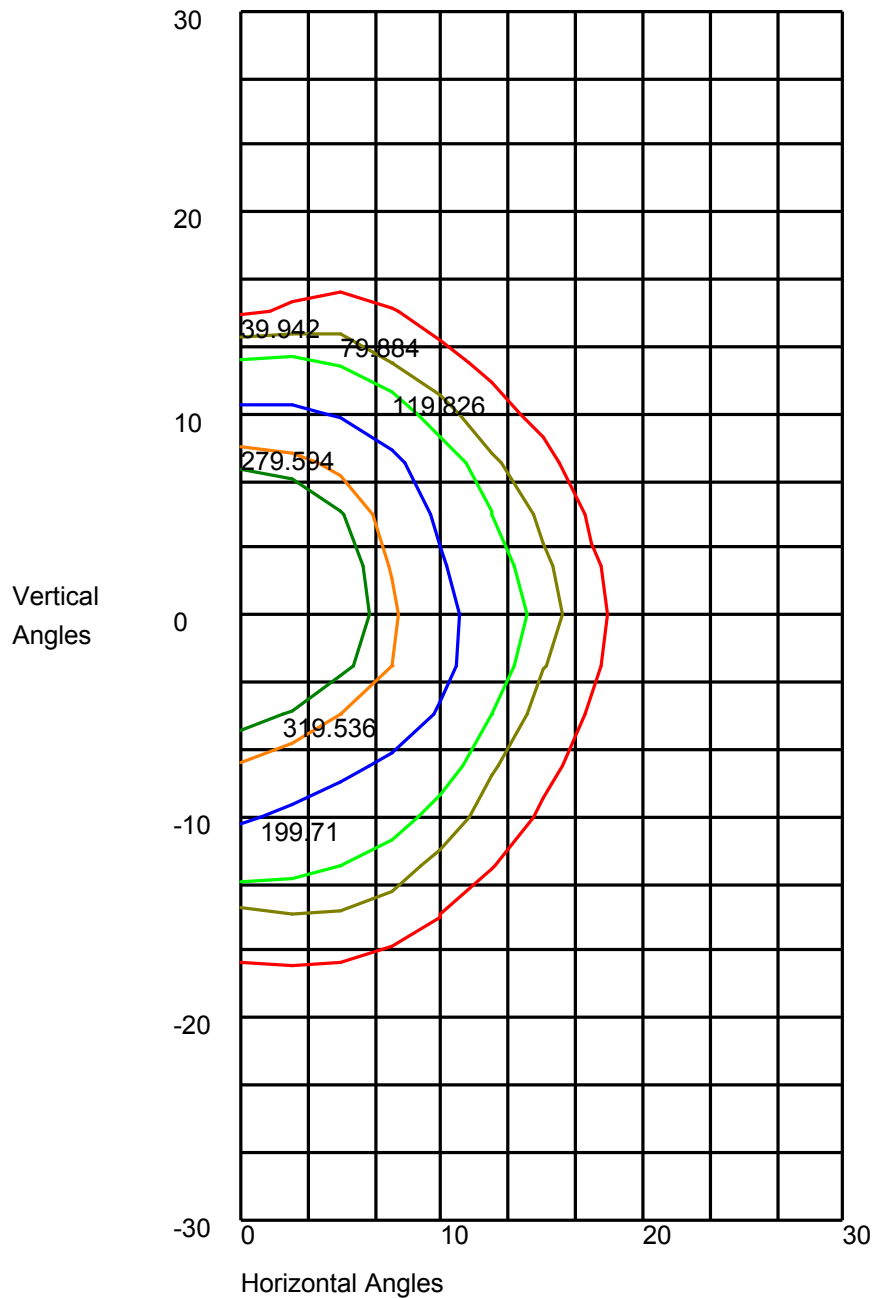
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AXIAL CANDELA DISPLAY



Maximum Candela = 399.42 Located At Horizontal Angle = 0, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 399.42 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 199.71
10% Maximum Candela = 39.942