

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : LUNA-12-L430.IES

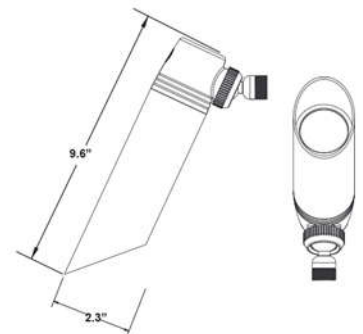
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3304
[TESTLAB] Labsphere
[ISSUEDATE] 8/1/2019 6:52:20 AM
[MANUFAC] TORO
[LUMINAIRE] LUNA-12-L430
[LAMP] LED-4W-CM6WF30K
[POWERFACTOR] 0.5861
[ATHD] 0.00%
[CURRENT] 0.54
[VOLTAGE] 12.02
[Lumens] 95.94
[END VOLTS] 12.02
[END CURRENT] 0.51
[END POWER] 3.63

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

CHARACTERISTICS

NEMA Type	3 H x 2 V
Maximum Candela	793.25
Maximum Candela Angle	-5H 1V
Horizontal Beam Angle (50%)	19.9
Vertical Beam Angle (50%)	19.0
Horizontal Field Angle (10%)	32.3
Vertical Field Angle (10%)	27.8
Lumens Per Lamp	310 (1 lamp)
Total Lamp Lumens	310
Beam Lumens	63
Beam Efficiency	20 %
Field Lumens	88
Field Efficiency	28 %
Spill Lumens	8
Luminaire Lumens	96
Total Efficiency	31 %
Total Luminaire Watts	3.82
Ballast Factor	1.00

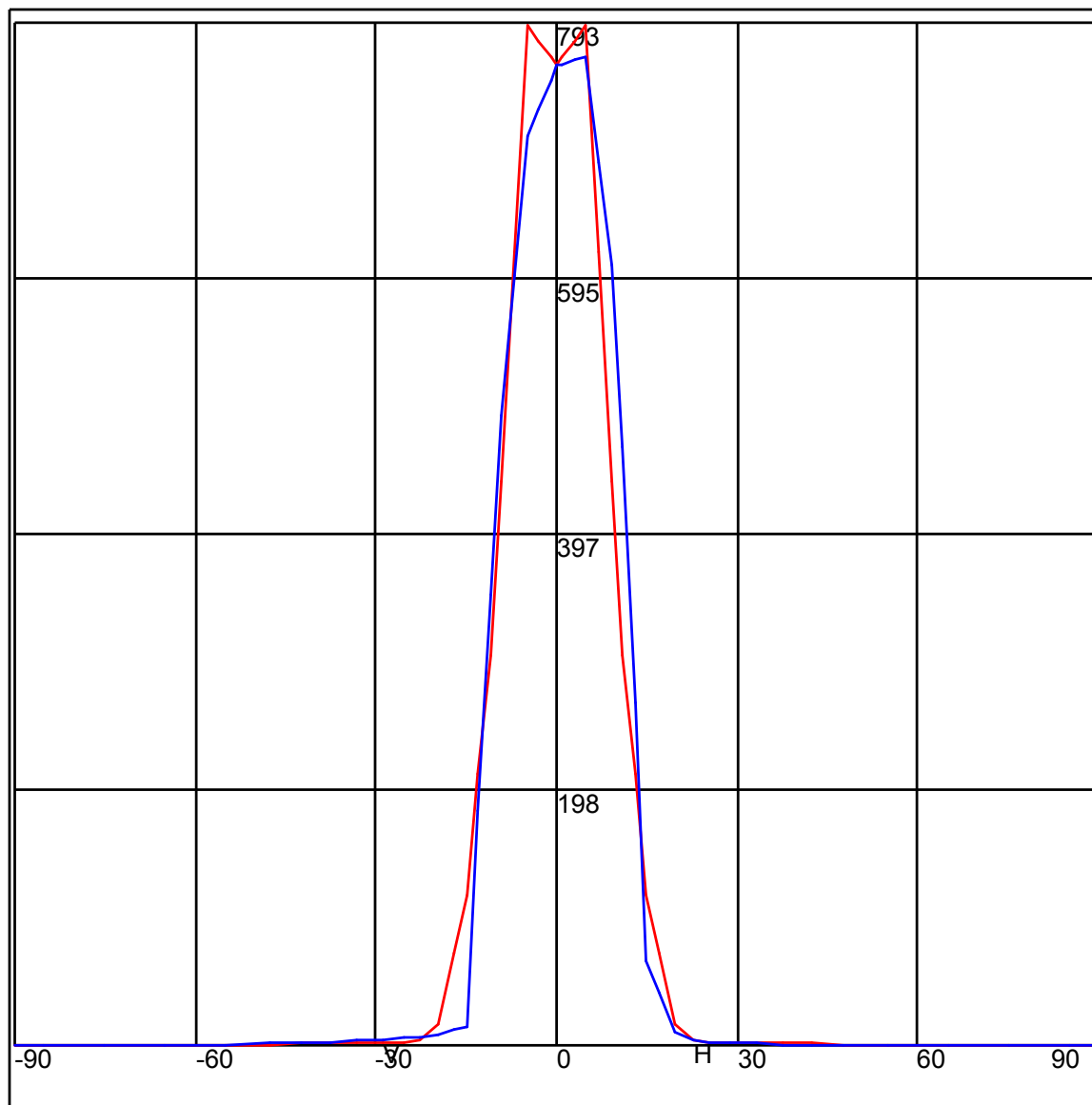


IES FLOOD REPORT
PHOTOMETRIC FILENAME : LUNA-12-L430.IES

AXIAL CANDELA

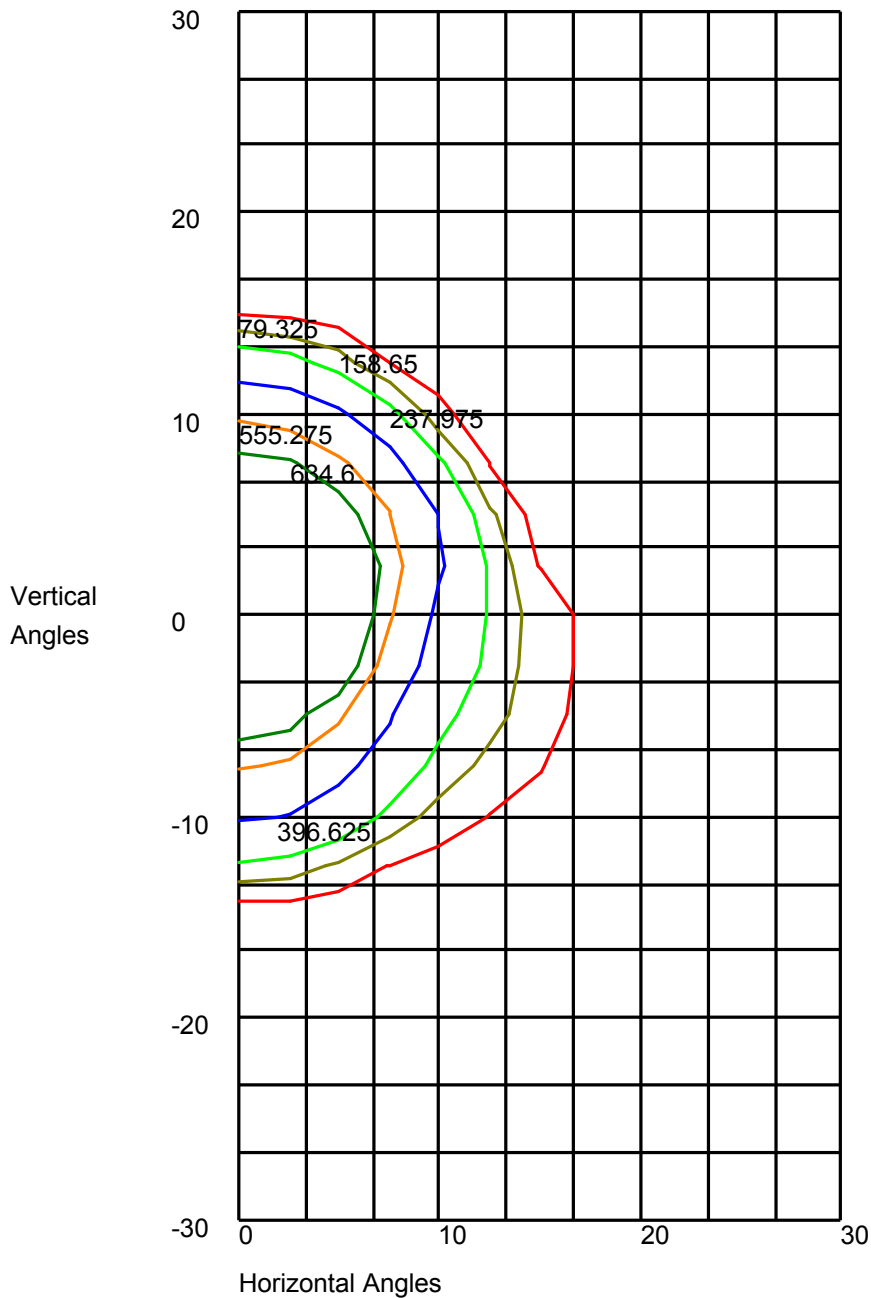
DEG.	HOR.	DEG.	VERT.
90	.17	90	.23
85	.28	85	.24
75	.28	75	.22
65	.3	65	.24
55	.31	55	.27
47.5	.34	47.5	.28
42.5	.5	42.5	.25
37.5	.76	37.5	.33
33	1.06	33	.66
29	1.46	29	1.22
25.5	2.16	25.5	1.89
22.5	2.89	22.5	2.58
19.5	14.81	19.5	9.31
17	71.24	17	40.03
15	116.39	15	64.61
13	209.21	13	264.35
11	302.02	11	464.09
9	436.81	9	604.26
7	613.56	7	684.87
5	790.31	5	765.48
3	777.75	3	762.85
1	765.19	1	760.22
0	758.91	0	758.91
-1	765.19	-1	747.85
-3	777.75	-3	725.74
-5	790.31	-5	703.63
-7	613.56	-7	595.44
-9	436.81	-9	487.25
-11	302.02	-11	349.15
-13	209.21	-13	181.16
-15	116.39	-15	13.16
-17	71.24	-17	10.85
-19.5	14.81	-19.5	7.96
-22.5	2.89	-22.5	6.09
-25.5	2.16	-25.5	4.63
-29	1.46	-29	3.45
-33	1.06	-33	2.53
-37.5	.76	-37.5	1.78
-42.5	.5	-42.5	1.18
-47.5	.34	-47.5	.78
-55	.31	-55	.45
-65	.3	-65	.34
-75	.28	-75	.3
-85	.28	-85	.26
-90	.17	-90	.33

AXIAL CANDELA DISPLAY



Maximum Candela = 793.25 Located At Horizontal Angle = -5, Vertical Angle = 1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 793.25 Located At Horizontal Angle = -5, Vertical Angle = 1
50% Maximum Candela = 396.625
10% Maximum Candela = 79.325