



8165 E. Kaiser Blvd. Anaheim, CA 92808  
www.lightlaboratory.com

## Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805938.IES**

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] L061805938  
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
[ISSUEDATE] 7/12/2018  
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
[LUMCAT] RK94-B-NS-30-B-MV-CX-ND-LSF  
[LUMINAIRE] LED Ingrade, NS Distribution, Linear Spread Filter  
[BALLASTCAT] ENERGY RECOVERY PRODUCTS ESS030W-0620-42(500mA)  
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
[TEST CONDITION] CANDELA VALUES AND ELECTRICALS ARE GENERATED FROM LIGHT LABORATORY  
[MORE] REPORT L061805937 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.81.  
[INPUT] 120VAC, 20.63W  
[TEST PROCEDURE] IESNA:LM-79-08

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

### CHARACTERISTICS

NEMA Type	4 H x 5 V
Maximum Candela	4559
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	15.9
Vertical Beam Angle (50%)	36.3
Horizontal Field Angle (10%)	49.5
Vertical Field Angle (10%)	71.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	406
Beam Efficiency	N.A.
Field Lumens	1074
Field Efficiency	N.A.
Spill Lumens	435
Luminaire Lumens	1510
Total Efficiency	N.A.
Total Luminaire Watts	20.63
Ballast Factor	1.00

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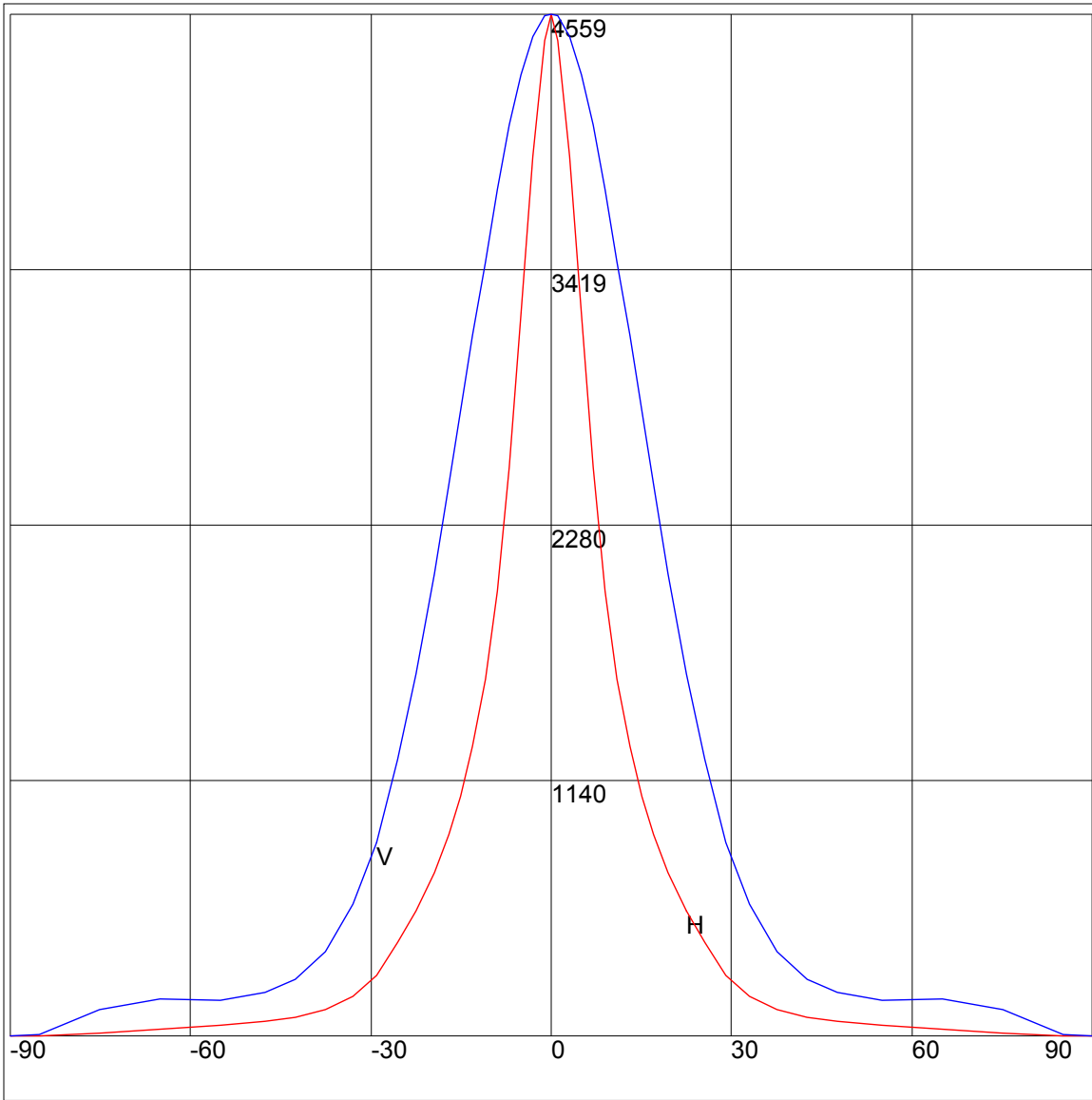
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	2	85	10
75	13	75	122
65	31	65	166
55	47	55	161
47.5	66	47.5	194
42.5	86	42.5	255
37.5	121	37.5	380
33	180	33	588
29	273	29	867
25.5	421	25.5	1234
22.5	563	22.5	1616
19.5	730	19.5	2066
17	902	17	2461
15	1073	15	2789
13	1294	13	3124
11	1594	11	3455
9	1985	9	3779
7	2539	7	4067
5	3221	5	4287
3	3926	3	4457
1	4442	1	4551
0	4559	0	4559
-1	4442	-1	4551
-3	3926	-3	4457
-5	3221	-5	4287
-7	2539	-7	4067
-9	1985	-9	3779
-11	1594	-11	3455
-13	1294	-13	3124
-15	1073	-15	2789
-17	902	-17	2461
-19.5	730	-19.5	2066
-22.5	563	-22.5	1616
-25.5	421	-25.5	1234
-29	273	-29	867
-33	180	-33	588
-37.5	121	-37.5	380
-42.5	86	-42.5	255
-47.5	66	-47.5	194
-55	47	-55	161
-65	31	-65	166
-75	13	-75	122
-85	2	-85	10
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

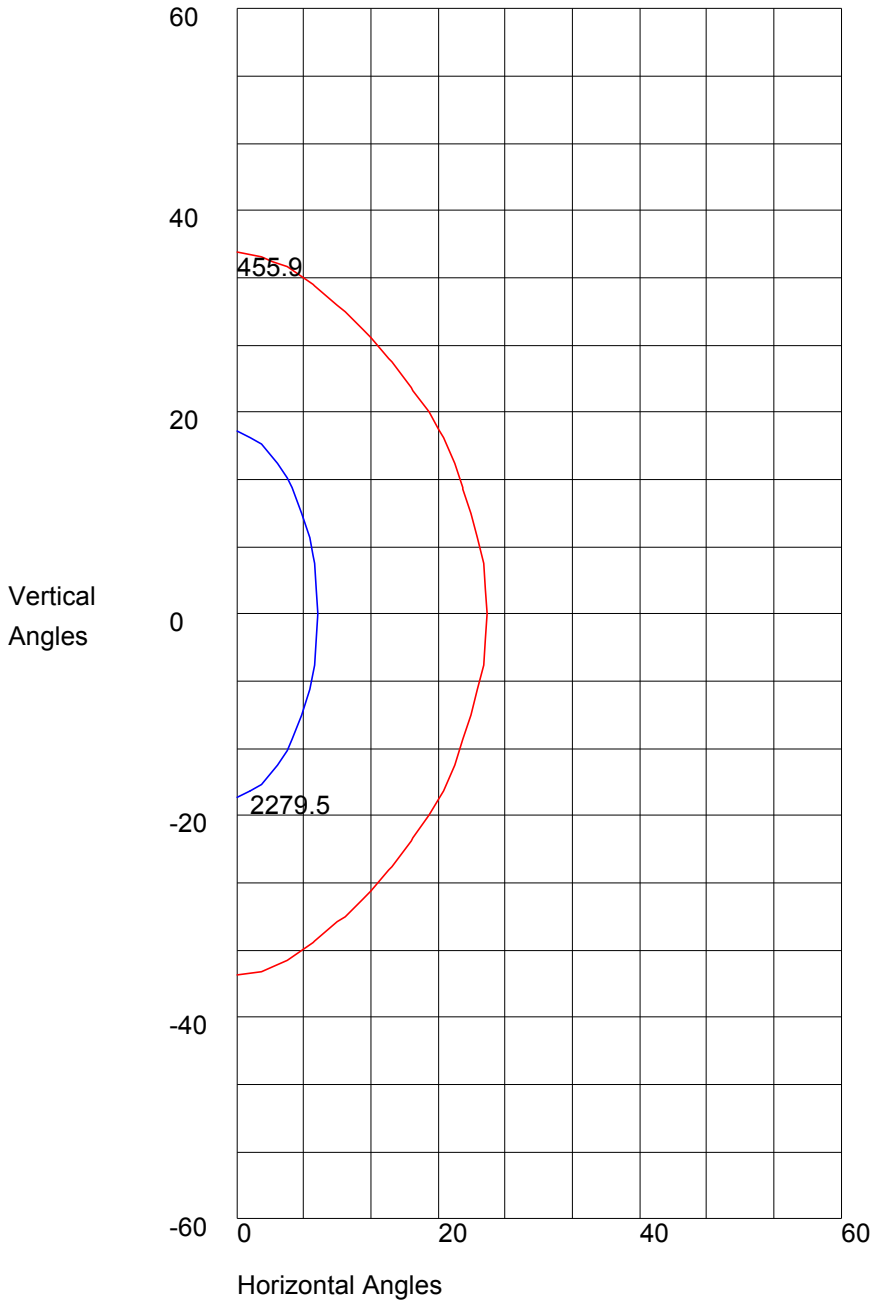
Zone	%
0-20	51.1
0-30	72
0-40	82.9
0-60	93.5
0-80	99.6
0-90	100
10-90	79.2
20-40	31.7
20-50	37.8
40-70	14.4
60-80	6.1
70-80	2.3
80-90	0.4
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 4559 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 4559 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 2279.5  
10% Maximum Candela = 455.9