



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805945.IES**

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] L061805945  
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
[ISSUEDATE] 7/13/2018  
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
[LUMCAT] RK94-B-MF-30-A-MV-CX-ND-LSF-T015  
[LUMINAIRE] LED Ingrade, Wall Wash Distribution  
[BALLASTCAT] ENERGY RECOVERY PRODUCTS ESS030W-0620-42(350mA)  
[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 L061805943 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.56.  
[INPUT] 120VAC, 14.21W  
[TEST PROCEDURE] IESNA:LM-79-08

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

## CHARACTERISTICS

NEMA Type	5 H x 5 V
Maximum Candela	2111
Maximum Candela Angle	0H -13V
Horizontal Beam Angle (50%)	37.8
Vertical Beam Angle (50%)	23.1
Horizontal Field Angle (10%)	74.7
Vertical Field Angle (10%)	74.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	299
Beam Efficiency	N.A.
Field Lumens	725
Field Efficiency	N.A.
Spill Lumens	289
Luminaire Lumens	1014
Total Efficiency	N.A.
Total Luminaire Watts	14.21
Ballast Factor	1.00

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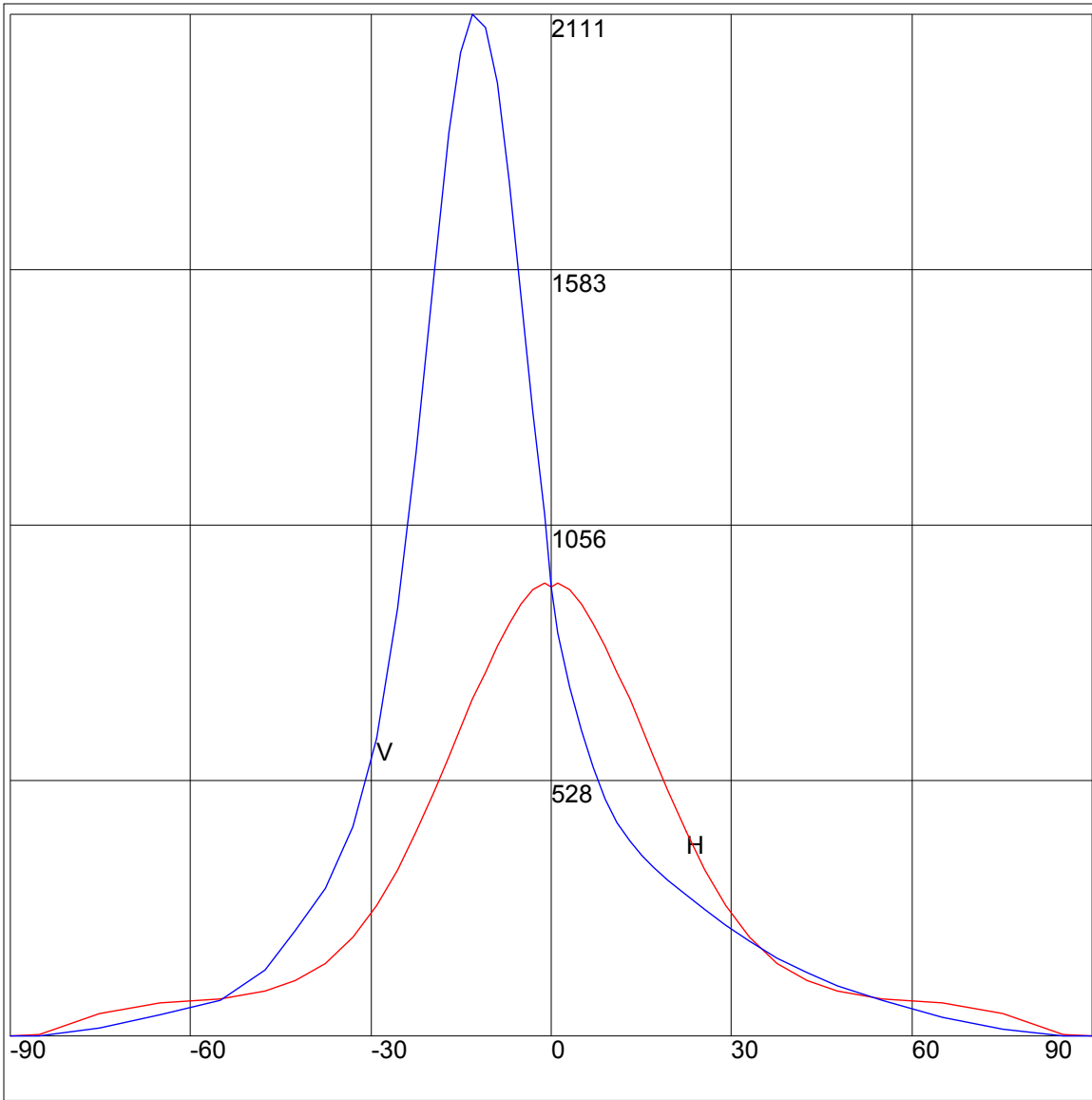
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	4	85	2
75	48	75	15
65	70	65	40
55	77	55	74
47.5	94	47.5	105
42.5	116	42.5	131
37.5	151	37.5	163
33	204	33	196
29	270	29	230
25.5	344	25.5	263
22.5	423	22.5	293
19.5	506	19.5	323
17	579	17	349
15	638	15	374
13	698	13	403
11	752	11	441
9	806	9	492
7	852	7	557
5	893	5	633
3	922	3	721
1	936	1	833
0	929	0	929
-1	936	-1	1078
-3	922	-3	1291
-5	893	-5	1528
-7	852	-7	1766
-9	806	-9	1970
-11	752	-11	2085
-13	698	-13	2111
-15	638	-15	2033
-17	579	-17	1867
-19.5	506	-19.5	1581
-22.5	423	-22.5	1205
-25.5	344	-25.5	886
-29	270	-29	616
-33	204	-33	434
-37.5	151	-37.5	307
-42.5	116	-42.5	219
-47.5	94	-47.5	137
-55	77	-55	74
-65	70	-65	44
-75	48	-75	18
-85	4	-85	2
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

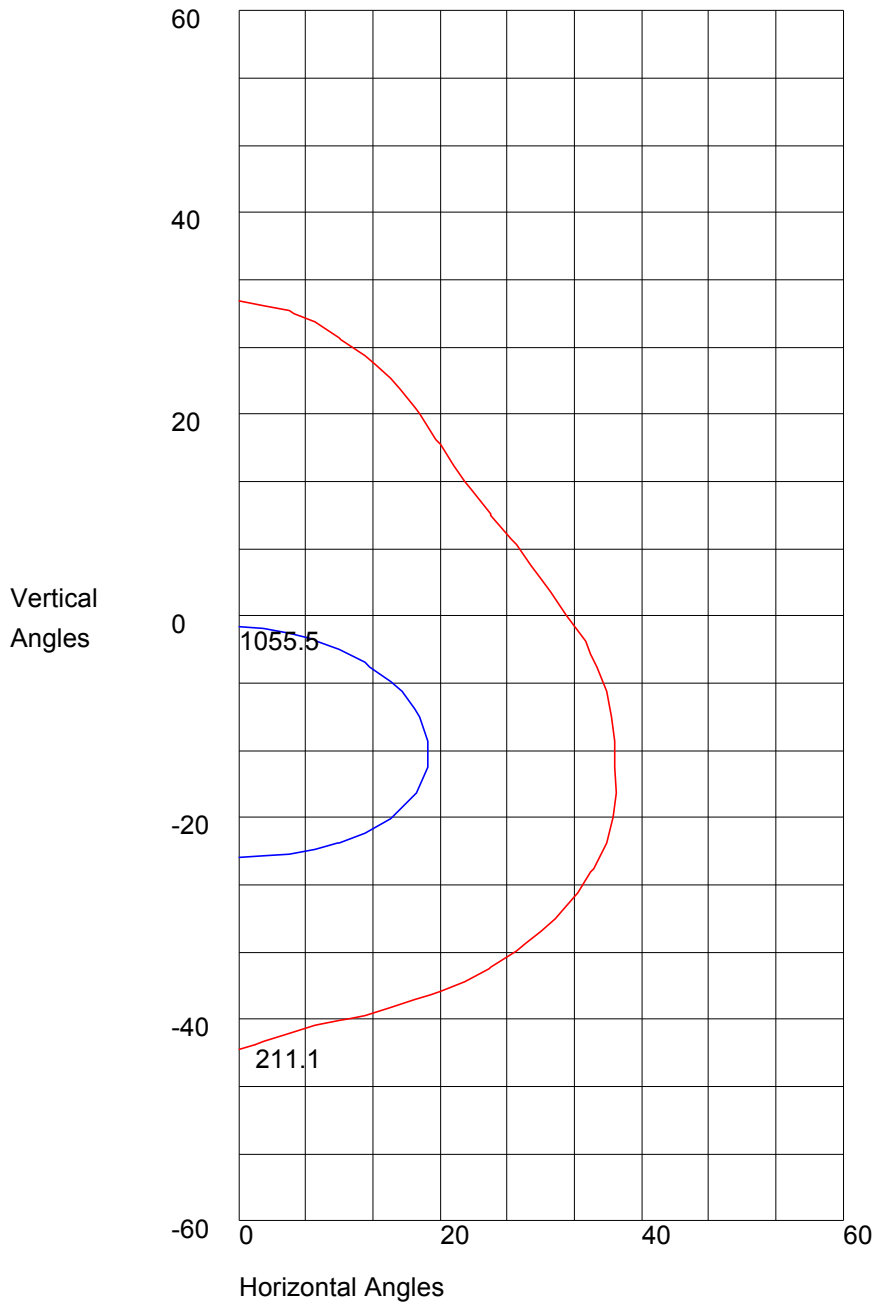
Zone	%
0-20	35.4
0-30	60.5
0-40	76.3
0-60	92.1
0-80	99.5
0-90	100
10-90	90.5
20-40	40.9
20-50	50.4
40-70	20.5
60-80	7.4
70-80	2.7
80-90	0.5
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 2111 Located At Horizontal Angle = 0, Vertical Angle = -13  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2111 Located At Horizontal Angle = 0, Vertical Angle = -13  
50% Maximum Candela = 1055.5  
10% Maximum Candela = 211.1