



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805944.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L061805944  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 7/13/2018  
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
 [LUMCAT] RK94-B-MF-30-B-MV-CX-ND-LSF-T015  
 [LUMINAIRE] LED Ingrade, Wall Wash Distribution  
 [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 L061805943 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.81.  
 [INPUT] 120VAC, 20.56W  
 [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	3054
Maximum Candela Angle	0H -13V
Horizontal Beam Angle (50%)	37.7
Vertical Beam Angle (50%)	23.0
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	433
Beam Efficiency	N.A.
Field Lumens	1049
Field Efficiency	N.A.
Spill Lumens	418
Luminaire Lumens	1467
Total Efficiency	N.A.
Total Luminaire Watts	20.56
Ballast Factor	1.00

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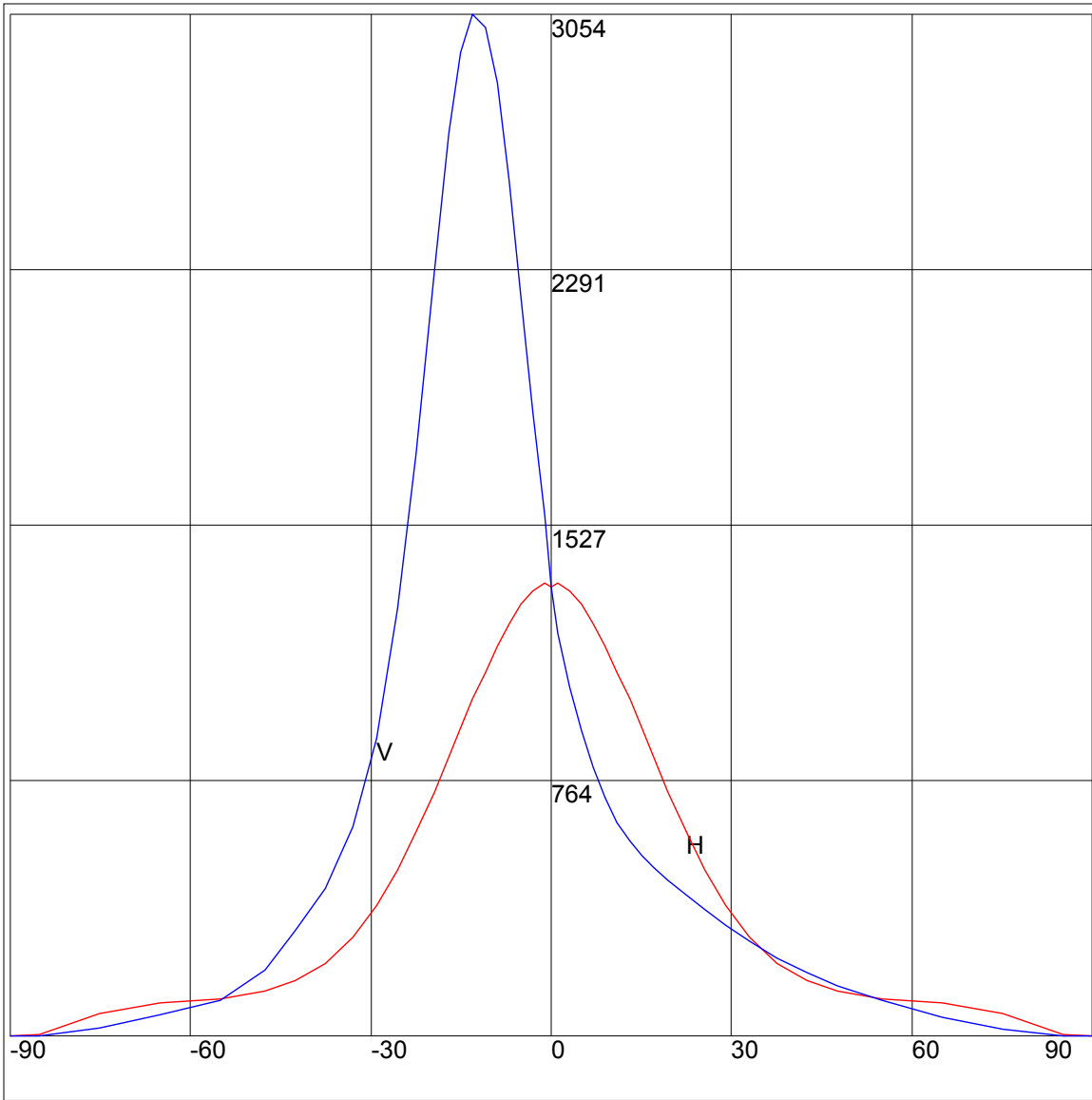
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	6	85	2
75	70	75	22
65	101	65	58
55	112	55	108
47.5	136	47.5	152
42.5	167	42.5	189
37.5	218	37.5	235
33	295	33	284
29	392	29	333
25.5	498	25.5	381
22.5	612	22.5	424
19.5	731	19.5	466
17	837	17	505
15	923	15	541
13	1010	13	583
11	1088	11	638
9	1166	9	712
7	1232	7	806
5	1292	5	915
3	1333	3	1043
1	1354	1	1204
0	1344	0	1344
-1	1354	-1	1559
-3	1333	-3	1867
-5	1292	-5	2210
-7	1232	-7	2555
-9	1166	-9	2849
-11	1088	-11	3016
-13	1010	-13	3054
-15	923	-15	2940
-17	837	-17	2700
-19.5	731	-19.5	2286
-22.5	612	-22.5	1742
-25.5	498	-25.5	1281
-29	392	-29	891
-33	295	-33	628
-37.5	218	-37.5	444
-42.5	167	-42.5	317
-47.5	136	-47.5	198
-55	112	-55	107
-65	101	-65	63
-75	70	-75	26
-85	6	-85	3
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

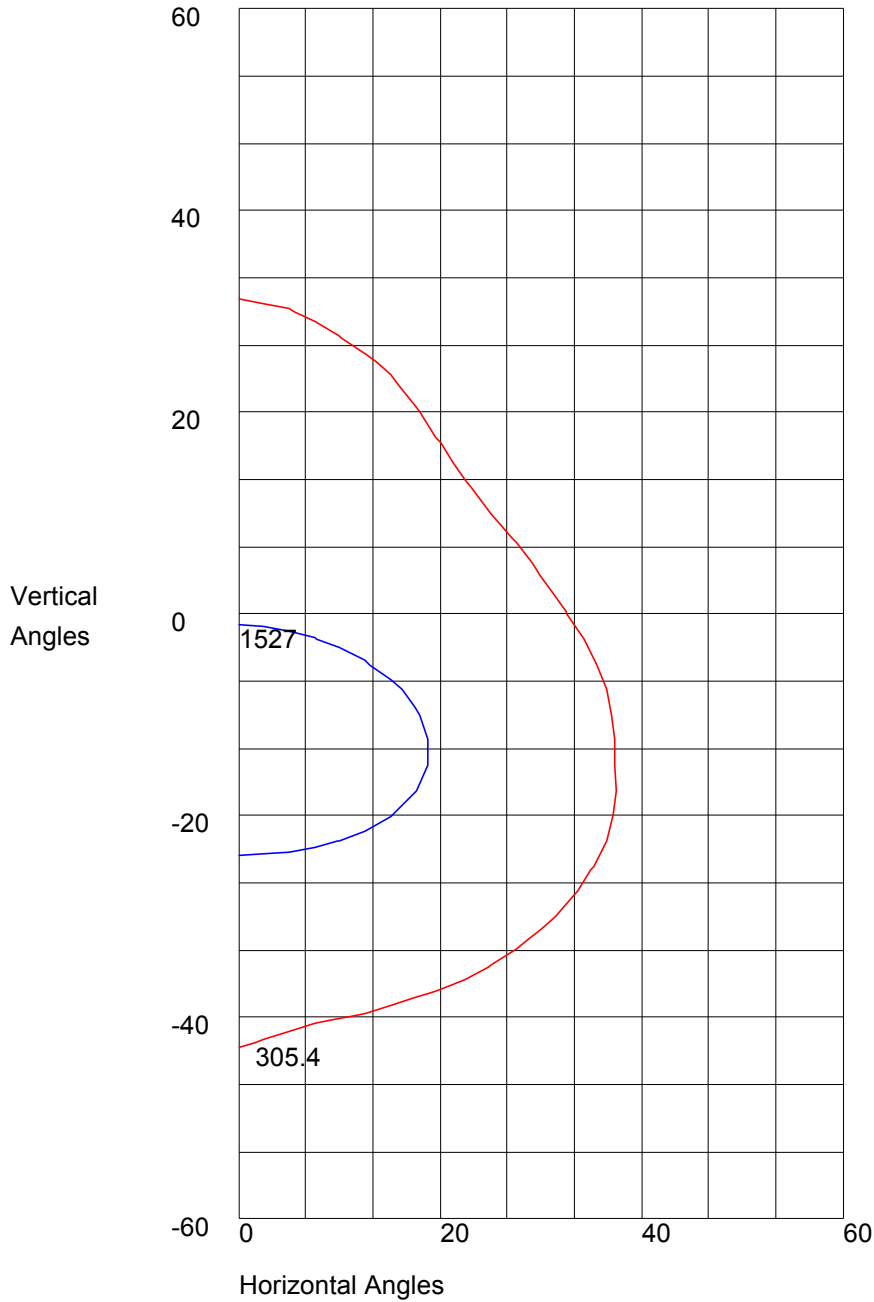
Zone	%
0-20	35.4
0-30	60.5
0-40	76.4
0-60	92.1
0-80	99.5
0-90	100
10-90	90.5
20-40	41
20-50	50.4
40-70	20.5
60-80	7.4
70-80	2.7
80-90	0.5
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 3054 Located At Horizontal Angle = 0, Vertical Angle = -13  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3054 Located At Horizontal Angle = 0, Vertical Angle = -13  
50% Maximum Candela = 1527  
10% Maximum Candela = 305.4