



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805935.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L061805935  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 7/12/2018  
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
 [LUMCAT] RK91-B-MF-30-B-MV-CX-ND-LSF-T015  
 [LUMINAIRE] LED Ingrade, Wall Wash Distribution  
 [BALLASTCAT] ENERGY RECOVERY PRODUCTS ESP040W-0900-42(800mA)  
 [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 L061805934 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.89.  
 [INPUT] 120VAC, 32.01W  
 [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	2445
Maximum Candela Angle	0H -13V
Horizontal Beam Angle (50%)	45.6
Vertical Beam Angle (50%)	40.1
Horizontal Field Angle (10%)	92.4
Vertical Field Angle (10%)	97.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	784
Beam Efficiency	N.A.
Field Lumens	1601
Field Efficiency	N.A.
Spill Lumens	377
Luminaire Lumens	1977
Total Efficiency	N.A.
Total Luminaire Watts	32.01
Ballast Factor	1.00

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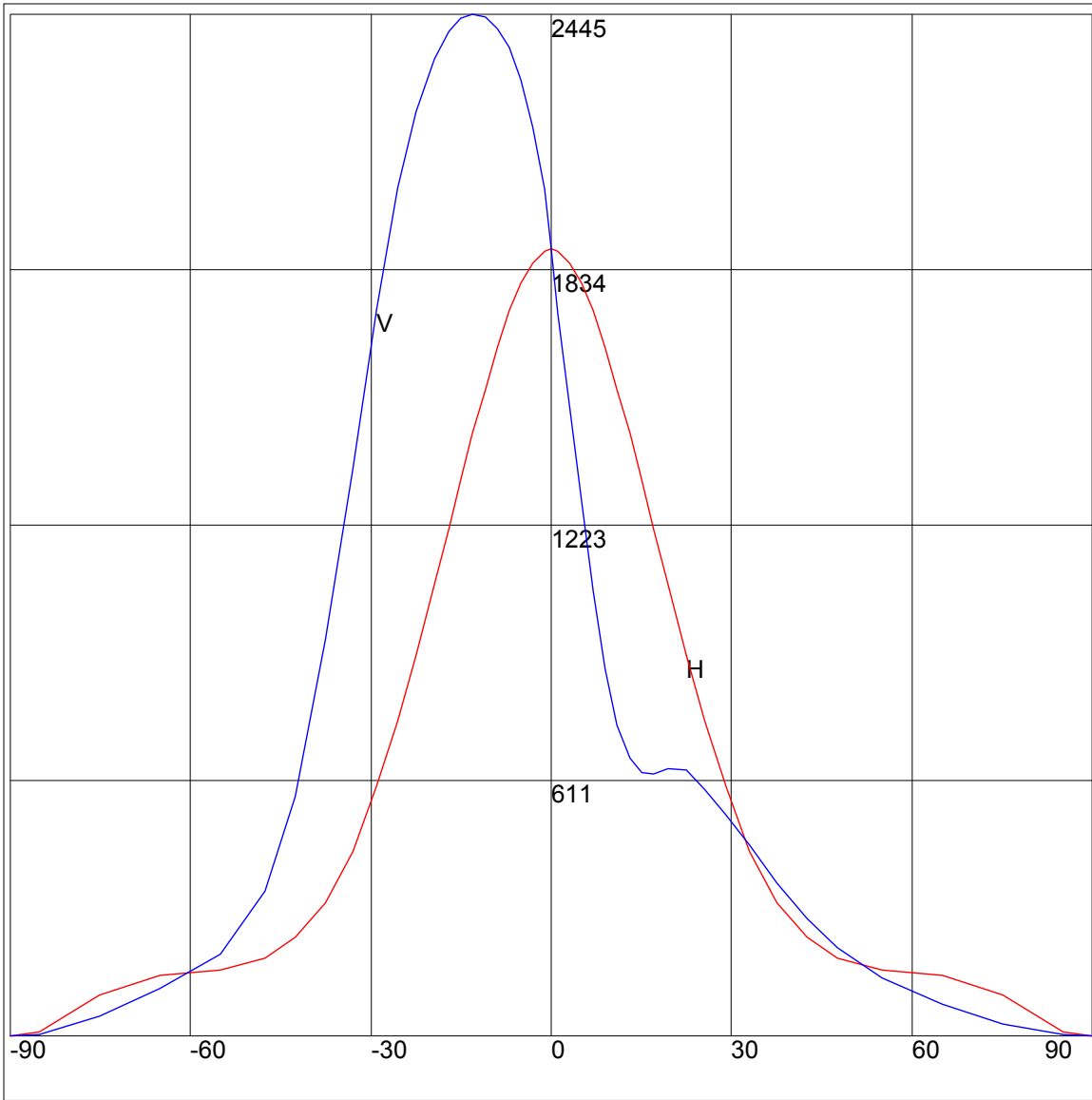
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	12	85	4
75	98	75	30
65	146	65	77
55	158	55	141
47.5	188	47.5	212
42.5	237	42.5	281
37.5	319	37.5	366
33	443	33	457
29	601	29	532
25.5	753	25.5	590
22.5	912	22.5	638
19.5	1082	19.5	642
17	1214	17	629
15	1329	15	630
13	1444	13	666
11	1548	11	746
9	1649	9	881
7	1736	7	1067
5	1803	5	1284
3	1849	3	1508
1	1879	1	1731
0	1885	0	1885
-1	1879	-1	2025
-3	1849	-3	2174
-5	1803	-5	2289
-7	1736	-7	2366
-9	1649	-9	2411
-11	1548	-11	2438
-13	1444	-13	2445
-15	1329	-15	2434
-17	1214	-17	2405
-19.5	1082	-19.5	2338
-22.5	912	-22.5	2211
-25.5	753	-25.5	2028
-29	601	-29	1739
-33	443	-33	1359
-37.5	319	-37.5	948
-42.5	237	-42.5	576
-47.5	188	-47.5	348
-55	158	-55	196
-65	146	-65	115
-75	98	-75	48
-85	12	-85	4
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

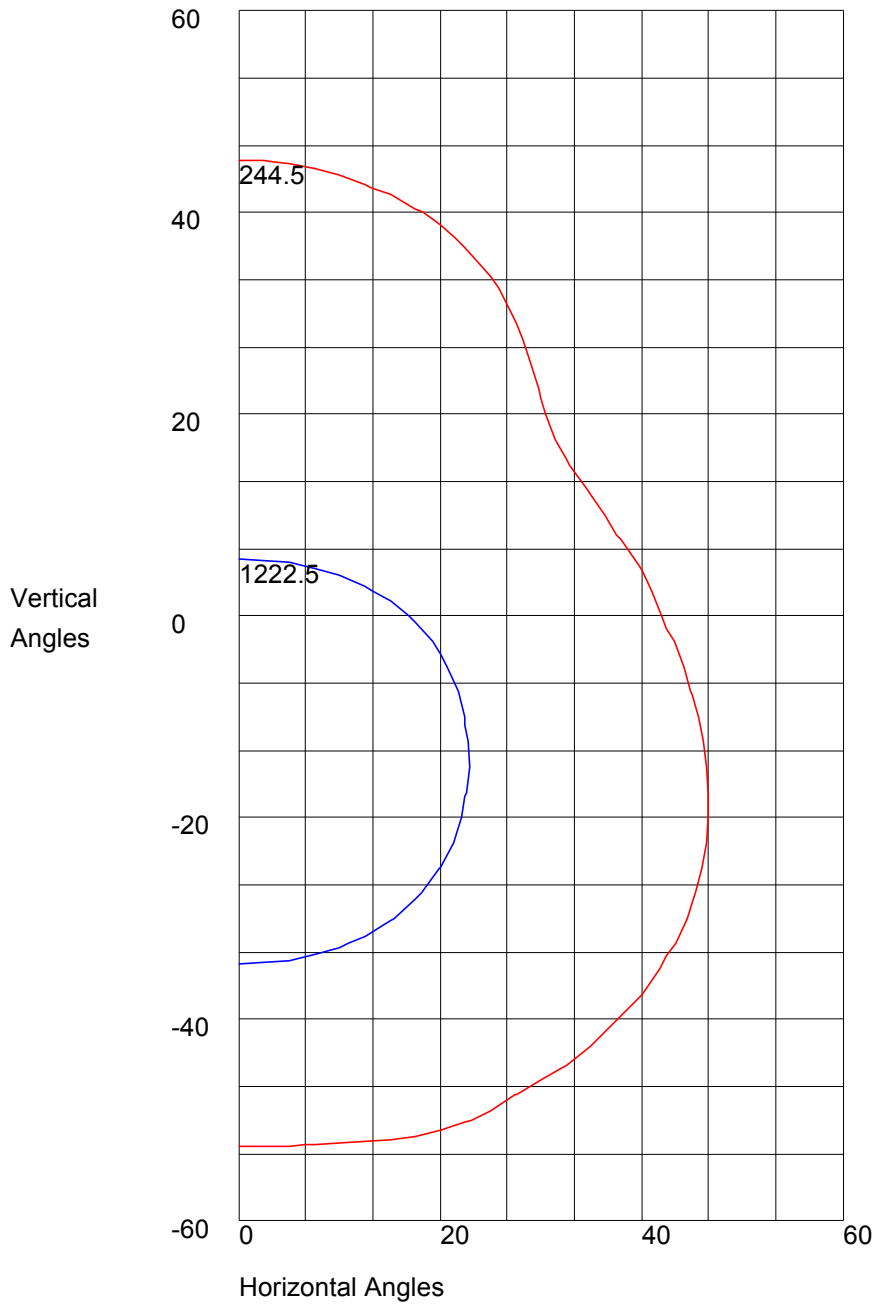
Zone	%
0-20	27.1
0-30	49.8
0-40	67.2
0-60	87.3
0-80	98.1
0-90	100
10-90	93.2
20-40	40.2
20-50	53.7
40-70	26.5
60-80	10.8
70-80	4.4
80-90	1.9
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 2445 Located At Horizontal Angle = 0, Vertical Angle = -13  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2445 Located At Horizontal Angle = 0, Vertical Angle = -13  
50% Maximum Candela = 1222.5  
10% Maximum Candela = 244.5