



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805936.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L061805936  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 7/12/2018  
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
 [LUMCAT] 1188TG-B-MF-30-A-MV-CX-ND-LSF-T015  
 [LUMINAIRE] LED Ingrade, Wall Wash Distribution  
 [BALLASTCAT] ENERGY RECOVERY PRODUCTS ESP040W-0900-42(700mA)  
 [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 0.78.  
 [INPUT] 120VAC, 28.06W  
 [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	2140
Maximum Candela Angle	0H -13V
Horizontal Beam Angle (50%)	45.6
Vertical Beam Angle (50%)	40.0
Horizontal Field Angle (10%)	92.3
Vertical Field Angle (10%)	97.7
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	686
Beam Efficiency	N.A.
Field Lumens	1401
Field Efficiency	N.A.
Spill Lumens	330
Luminaire Lumens	1730
Total Efficiency	N.A.
Total Luminaire Watts	28.06
Ballast Factor	1.00

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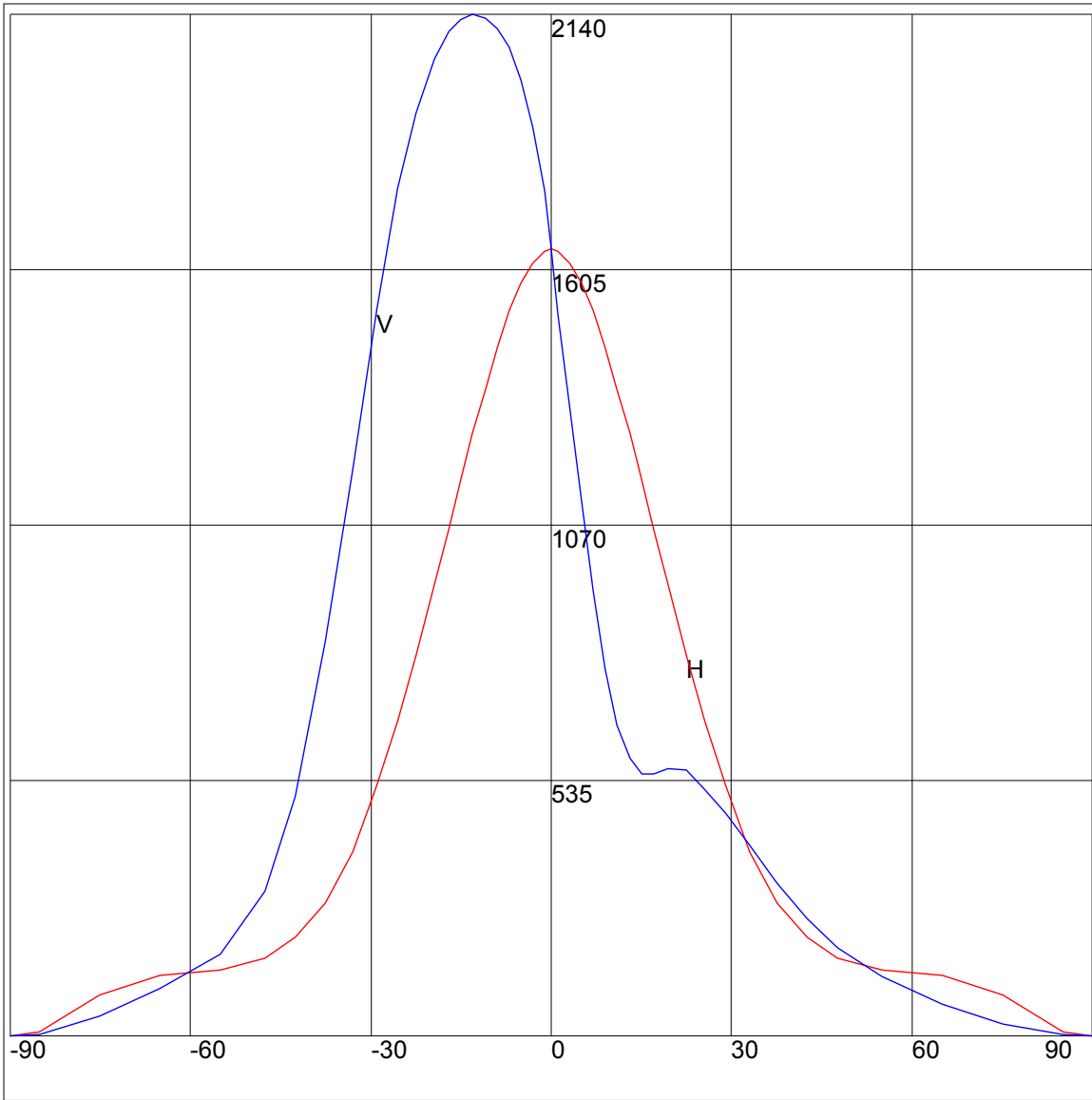
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	10	85	3
75	86	75	26
65	128	65	68
55	138	55	124
47.5	164	47.5	186
42.5	208	42.5	246
37.5	279	37.5	320
33	387	33	400
29	526	29	466
25.5	659	25.5	516
22.5	798	22.5	558
19.5	947	19.5	562
17	1062	17	551
15	1163	15	551
13	1264	13	583
11	1354	11	653
9	1443	9	771
7	1519	7	933
5	1577	5	1123
3	1618	3	1320
1	1644	1	1514
0	1650	0	1650
-1	1644	-1	1772
-3	1618	-3	1902
-5	1577	-5	2003
-7	1519	-7	2070
-9	1443	-9	2109
-11	1354	-11	2133
-13	1264	-13	2140
-15	1163	-15	2130
-17	1062	-17	2105
-19.5	947	-19.5	2046
-22.5	798	-22.5	1934
-25.5	659	-25.5	1775
-29	526	-29	1521
-33	387	-33	1189
-37.5	279	-37.5	829
-42.5	208	-42.5	504
-47.5	164	-47.5	304
-55	138	-55	171
-65	128	-65	100
-75	86	-75	42
-85	10	-85	4
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

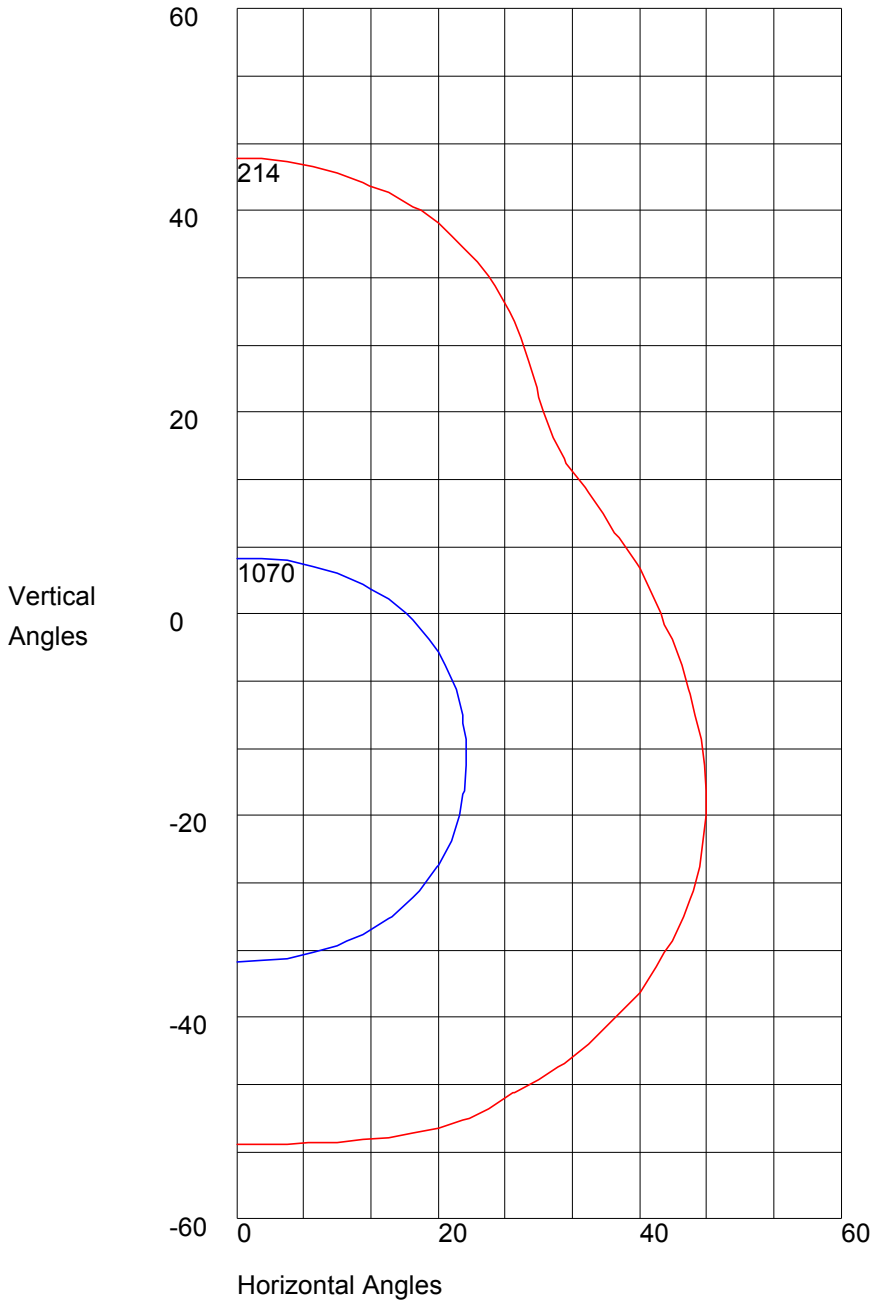
Zone	%
0-20	27.1
0-30	49.8
0-40	67.2
0-60	87.3
0-80	98.1
0-90	100
10-90	93.2
20-40	40.1
20-50	53.7
40-70	26.5
60-80	10.8
70-80	4.4
80-90	1.9
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 2140 Located At Horizontal Angle = 0, Vertical Angle = -13  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2140 Located At Horizontal Angle = 0, Vertical Angle = -13  
50% Maximum Candela = 1070  
10% Maximum Candela = 214