



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805928.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L061805928  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 7/11/2018  
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
 [LUMCAT] 1188-B-NS-30-A-MV-CX-ND-LSF  
 [LUMINAIRE] LED Ingrade, NS Distribution, Linear Spread Filter  
 [BALLASTCAT] THOMAS RESEARCH PRODUCTS LED40W-045-C0900-D(450mA)  
 [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 L061805926 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.5.  
 [INPUT] 120VAC, 17.89W  
 [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	3674
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	18.6
Vertical Beam Angle (50%)	37.0
Horizontal Field Angle (10%)	50.4
Vertical Field Angle (10%)	72.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	413
Beam Efficiency	N.A.
Field Lumens	955
Field Efficiency	N.A.
Spill Lumens	359
Luminaire Lumens	1314
Total Efficiency	N.A.
Total Luminaire Watts	17.89
Ballast Factor	1.00

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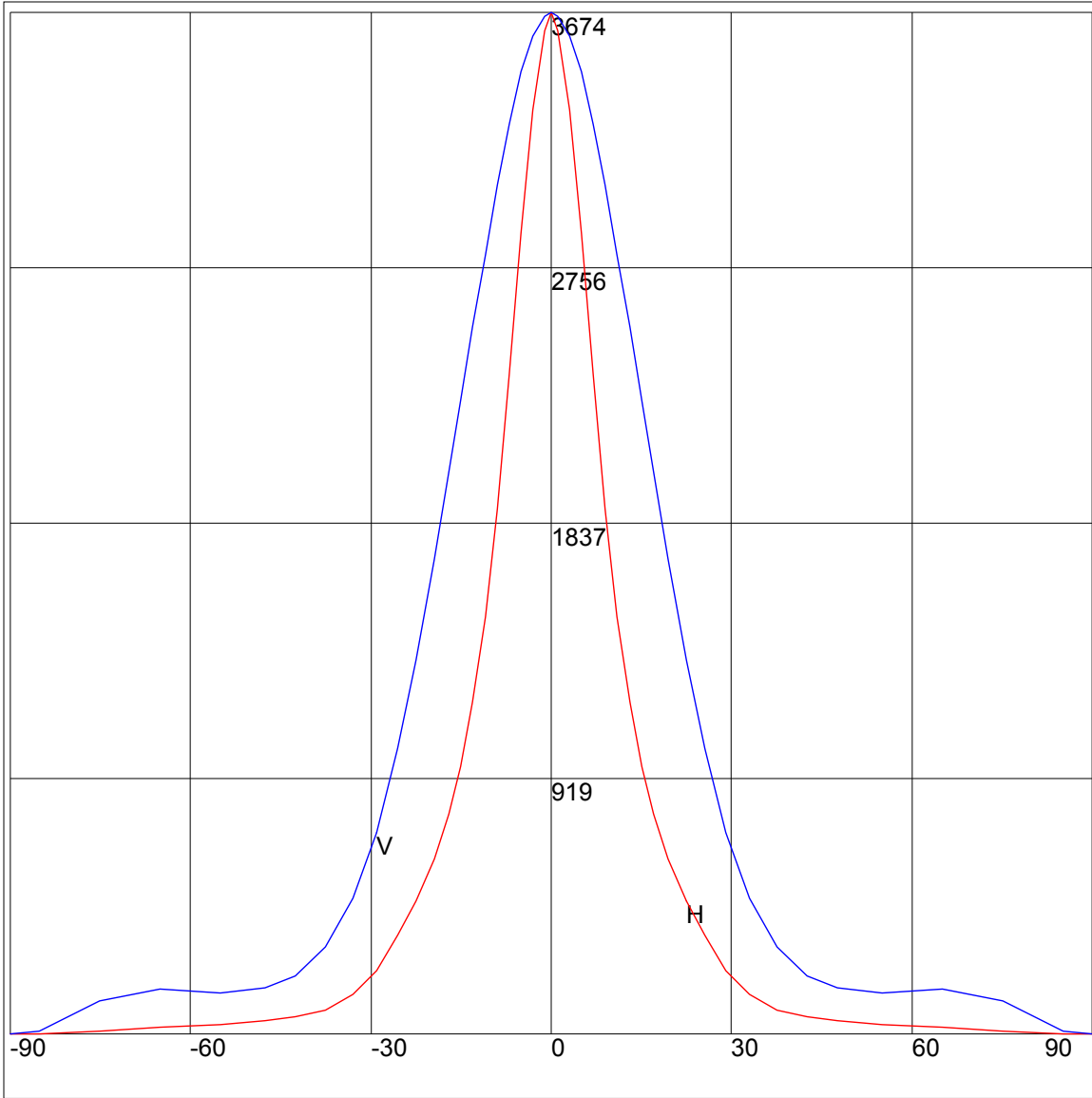
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	13
75	11	75	119
65	25	65	164
55	36	55	150
47.5	48	47.5	166
42.5	62	42.5	210
37.5	89	37.5	313
33	143	33	488
29	229	29	725
25.5	355	25.5	1029
22.5	482	22.5	1345
19.5	632	19.5	1710
17	791	17	2022
15	962	15	2279
13	1194	13	2542
11	1503	11	2803
9	1892	9	3053
7	2372	7	3274
5	2879	5	3459
3	3326	3	3589
1	3608	1	3662
0	3674	0	3674
-1	3608	-1	3662
-3	3326	-3	3589
-5	2879	-5	3459
-7	2372	-7	3274
-9	1892	-9	3053
-11	1503	-11	2803
-13	1194	-13	2542
-15	962	-15	2279
-17	791	-17	2022
-19.5	632	-19.5	1710
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-29	229	-29	725
-33	143	-33	488
-37.5	89	-37.5	313
-42.5	62	-42.5	210
-47.5	48	-47.5	166
-55	36	-55	150
-65	25	-65	164
-75	11	-75	119
-85	1	-85	13
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

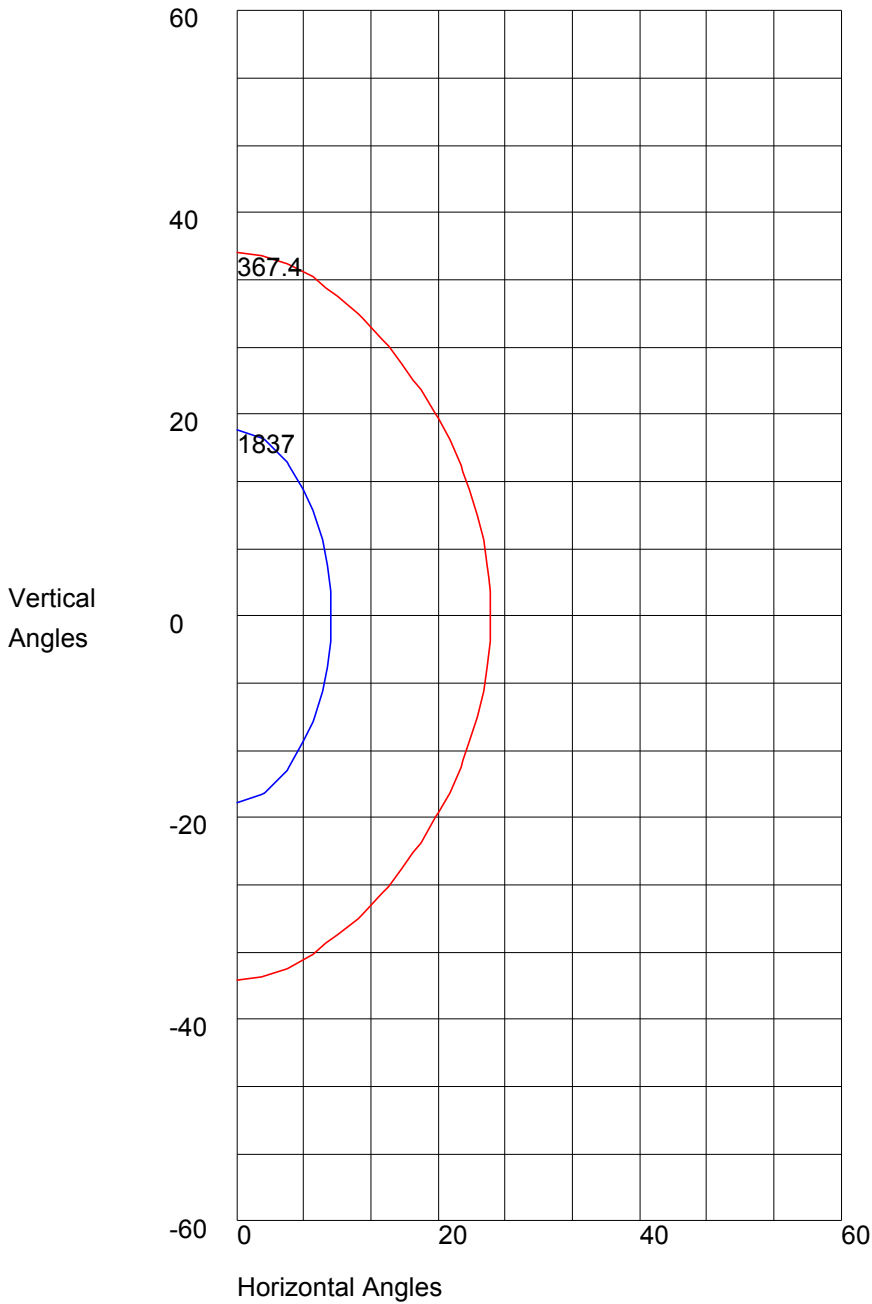
Zone	%
0-20	51.5
0-30	72.4
0-40	82.8
0-60	92.9
0-80	99.5
0-90	100
10-90	79.4
20-40	31.3
20-50	37
40-70	14.1
60-80	6.6
70-80	2.6
80-90	0.5
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 3674 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3674 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 1837  
10% Maximum Candela = 367.4