



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805920.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L061805920  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 7/11/2018  
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
 [LUMCAT] 1057-X-NS-30-B-MV-ND-LSF  
 [LUMINAIRE] LED Floodlight, NS Distribution, Linear Spread Filter  
 [BALLASTCAT] THOMAS RESEARCH PRODUCTS LED40W-045-C0900-D(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 L061805919 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.77.  
 [INPUT] 120VAC, 28.81W  
 [TEST PROCEDURE] IESNA:LM-79-08

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

**CHARACTERISTICS**

NEMA Type	3 H x 5 V
Maximum Candela	5874
Maximum Candela Angle	0H -1V
Horizontal Beam Angle (50%)	13.8
Vertical Beam Angle (50%)	52.7
Horizontal Field Angle (10%)	40.6
Vertical Field Angle (10%)	87.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	765
Beam Efficiency	N.A.
Field Lumens	1572
Field Efficiency	N.A.
Spill Lumens	382
Luminaire Lumens	1954
Total Efficiency	N.A.
Total Luminaire Watts	28.81
Ballast Factor	1.00

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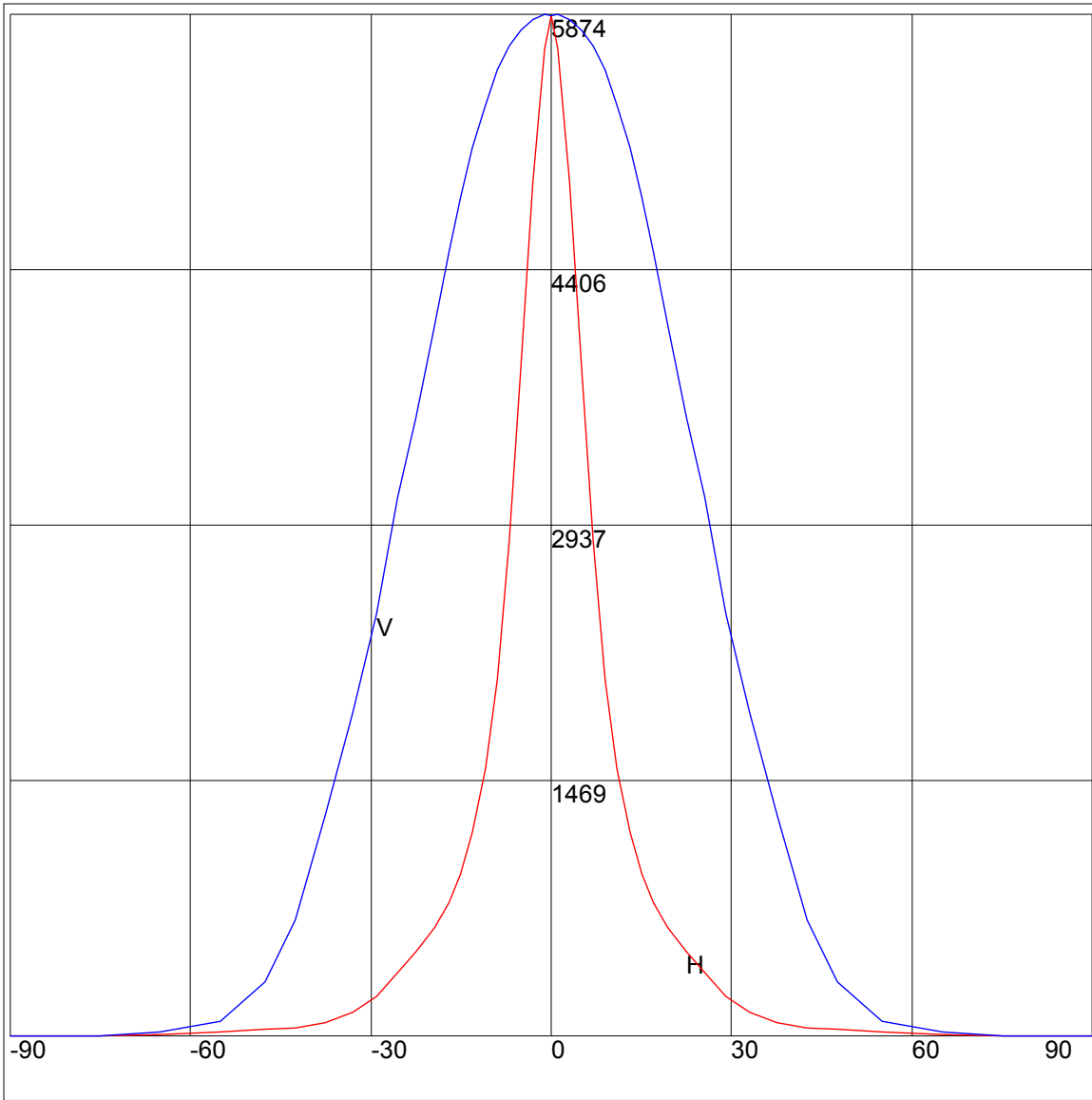
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	3	75	5
65	13	65	23
55	26	55	85
47.5	38	47.5	315
42.5	50	42.5	671
37.5	77	37.5	1277
33	138	33	1864
29	234	29	2434
25.5	364	25.5	3096
22.5	487	22.5	3560
19.5	624	19.5	4082
17	769	17	4508
15	934	15	4820
13	1177	13	5108
11	1543	11	5355
9	2056	9	5554
7	2848	7	5693
5	3852	5	5780
3	4903	3	5845
1	5677	1	5874
0	5869	0	5869
-1	5677	-1	5874
-3	4903	-3	5845
-5	3852	-5	5780
-7	2848	-7	5693
-9	2056	-9	5554
-11	1543	-11	5355
-13	1177	-13	5108
-15	934	-15	4820
-17	769	-17	4508
-19.5	624	-19.5	4082
-22.5	487	-22.5	3560
-25.5	364	-25.5	3096
-29	234	-29	2434
-33	138	-33	1864
-37.5	77	-37.5	1277
-42.5	50	-42.5	671
-47.5	38	-47.5	315
-55	26	-55	85
-65	13	-65	23
-75	3	-75	5
-85	0	-85	0
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

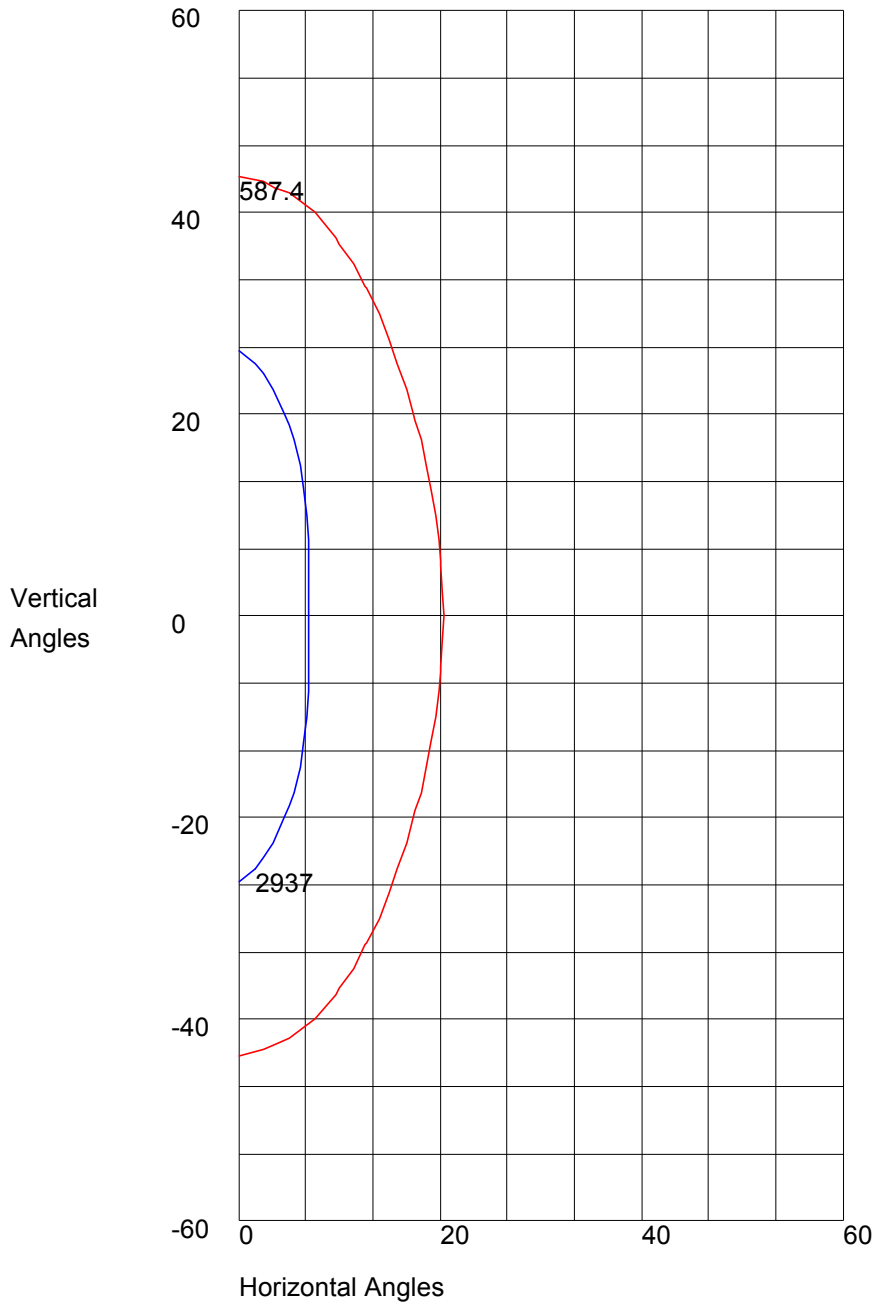
Zone	%
0-20	51.6
0-30	75.9
0-40	90.7
0-60	98.9
0-80	100
0-90	100
10-90	79.4
20-40	39.2
20-50	45.3
40-70	9
60-80	1.1
70-80	0.2
80-90	0
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 5874 Located At Horizontal Angle = 0, Vertical Angle = -1  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 5874 Located At Horizontal Angle = 0, Vertical Angle = -1  
50% Maximum Candela = 2937  
10% Maximum Candela = 587.4