



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805926.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L061805926  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 7/11/2018  
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
 [LUMCAT] RK91-B-NS-30-C-MV-CX-ND-LSF  
 [LUMINAIRE] LED Ingrade, NS Distribution, Linear Spread Filter  
 [BALLASTCAT] THOMAS RESEARCH PRODUCTS LED40W-045-C0900-D(900mA)  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [INPUT] 120VAC, 35.78W  
 [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	7348
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	826
Beam Efficiency	N.A.
Field Lumens	1909
Field Efficiency	N.A.
Spill Lumens	717
Luminaire Lumens	2626
Total Efficiency	N.A.
Total Luminaire Watts	35.78
Ballast Factor	1.00

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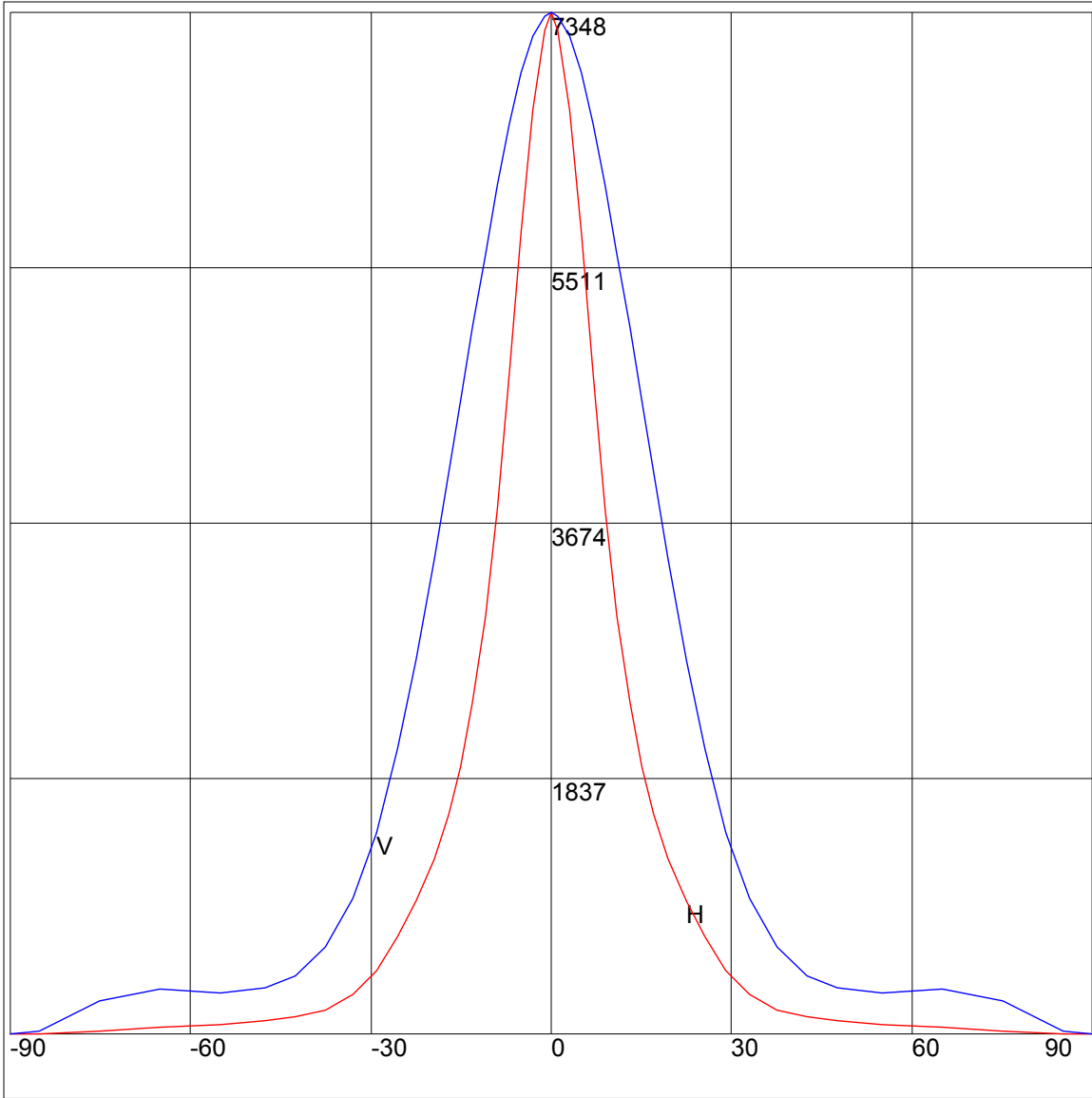
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	2	85	26
75	22	75	238
65	50	65	327
55	72	55	299
47.5	96	47.5	331
42.5	124	42.5	420
37.5	178	37.5	625
33	286	33	976
29	457	29	1449
25.5	709	25.5	2058
22.5	964	22.5	2690
19.5	1263	19.5	3419
17	1581	17	4043
15	1924	15	4557
13	2388	13	5083
11	3006	11	5605
9	3784	9	6105
7	4744	7	6548
5	5757	5	6917
3	6651	3	7177
1	7216	1	7324
0	7348	0	7348
-1	7216	-1	7324
-3	6651	-3	7177
-5	5757	-5	6917
-7	4744	-7	6548
-9	3784	-9	6105
-11	3006	-11	5605
-13	2388	-13	5083
-15	1924	-15	4557
-17	1581	-17	4043
-19.5	1263	-19.5	3419
-22.5	964	-22.5	2690
-25.5	709	-25.5	2058
-29	457	-29	1449
-33	286	-33	976
-37.5	178	-37.5	625
-42.5	124	-42.5	420
-47.5	96	-47.5	331
-55	72	-55	299
-65	50	-65	327
-75	22	-75	238
-85	2	-85	26
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

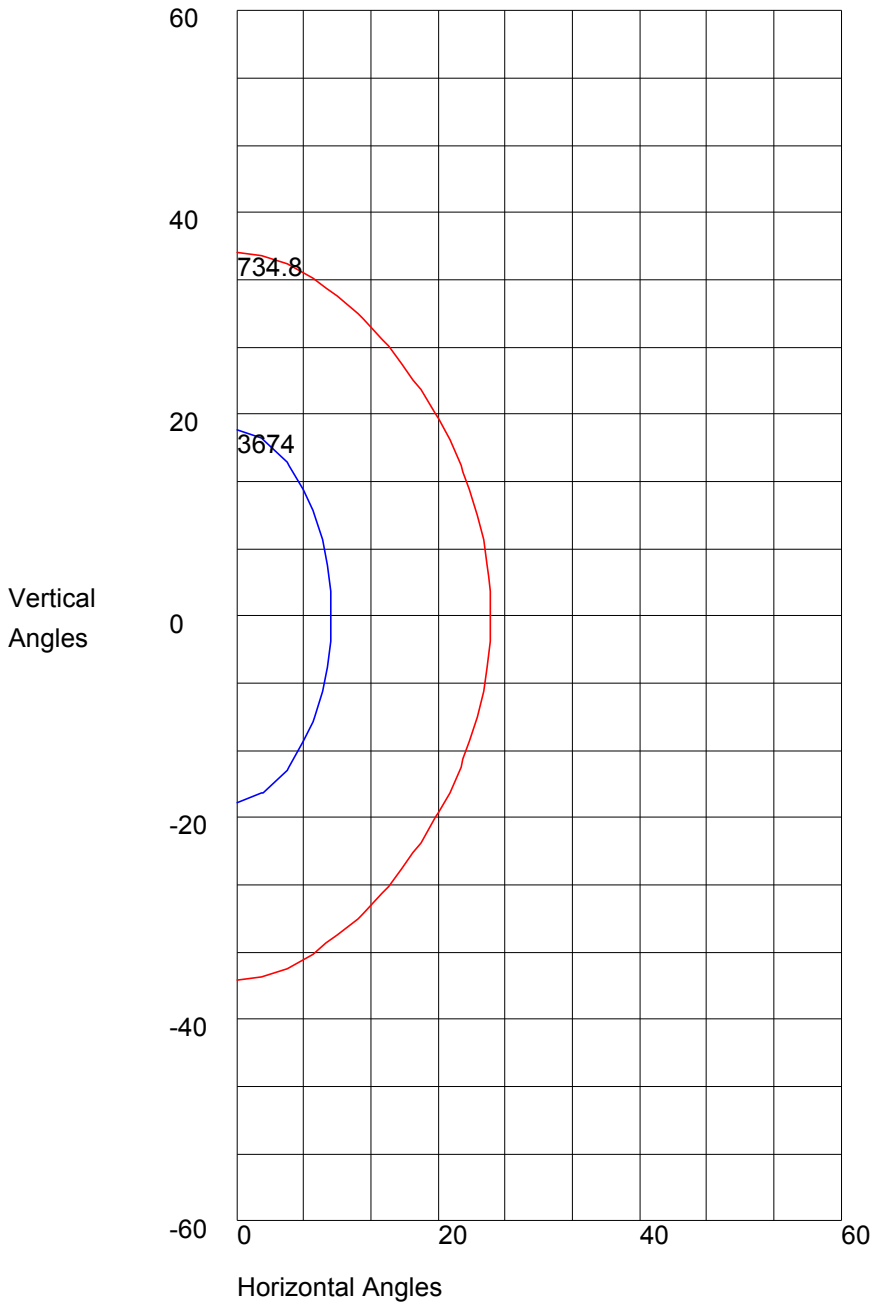
Zone	%
0-20	51.6
0-30	72.5
0-40	82.9
0-60	93
0-80	99.5
0-90	100
10-90	79.4
20-40	31.3
20-50	37
40-70	14.1
60-80	6.5
70-80	2.5
80-90	0.5
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 7348 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 7348 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 3674  
10% Maximum Candela = 734.8