



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805931.IES**

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] L061805931  
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
[ISSUEDATE] 7/11/2018  
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
[LUMCAT] RK91-B-MF-30-A-MV-CX-ND-LSF  
[LUMINAIRE] LED Ingrade, MF 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 L061805929 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.5.  
[INPUT] 120VAC, 17.92W  
[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	1504
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	45.3
Vertical Beam Angle (50%)	45.3
Horizontal Field Angle (10%)	82.4
Vertical Field Angle (10%)	82.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	540
Beam Efficiency	N.A.
Field Lumens	928
Field Efficiency	N.A.
Spill Lumens	222
Luminaire Lumens	1151
Total Efficiency	N.A.
Total Luminaire Watts	17.92
Ballast Factor	1.00

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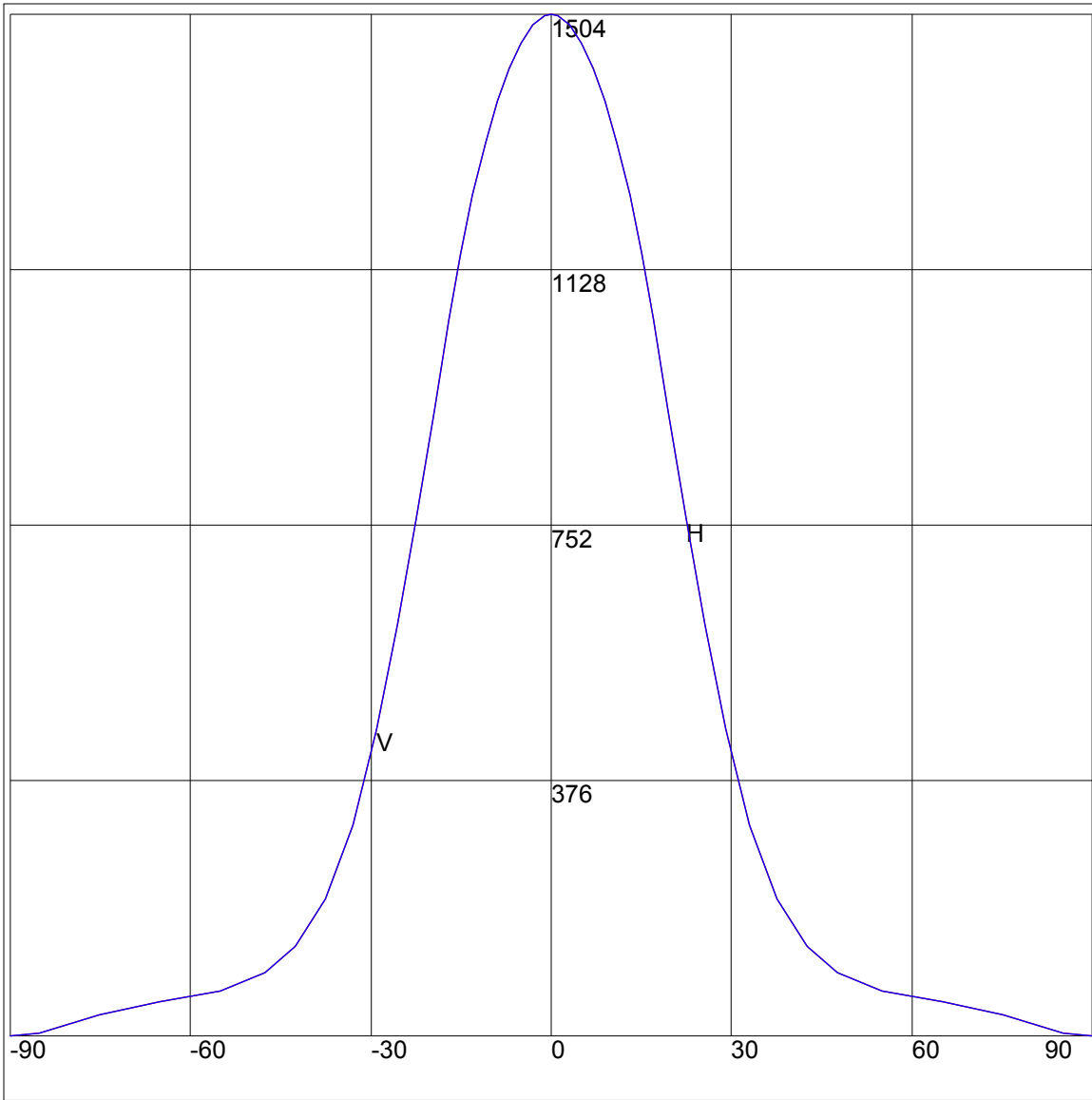
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	4	85	4
75	31	75	31
65	52	65	52
55	67	55	67
47.5	94	47.5	94
42.5	132	42.5	132
37.5	203	37.5	203
33	310	33	310
29	452	29	452
25.5	608	25.5	608
22.5	760	22.5	760
19.5	921	19.5	921
17	1054	17	1054
15	1151	15	1151
13	1239	13	1239
11	1314	11	1314
9	1376	9	1376
7	1425	7	1425
5	1462	5	1462
3	1488	3	1488
1	1502	1	1502
0	1504	0	1504
-1	1502	-1	1502
-3	1488	-3	1488
-5	1462	-5	1462
-7	1425	-7	1425
-9	1376	-9	1376
-11	1314	-11	1314
-13	1239	-13	1239
-15	1151	-15	1151
-17	1054	-17	1054
-19.5	921	-19.5	921
-22.5	760	-22.5	760
-25.5	608	-25.5	608
-29	452	-29	452
-33	310	-33	310
-37.5	203	-37.5	203
-42.5	132	-42.5	132
-47.5	94	-47.5	94
-55	67	-55	67
-65	52	-65	52
-75	31	-75	31
-85	4	-85	4
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

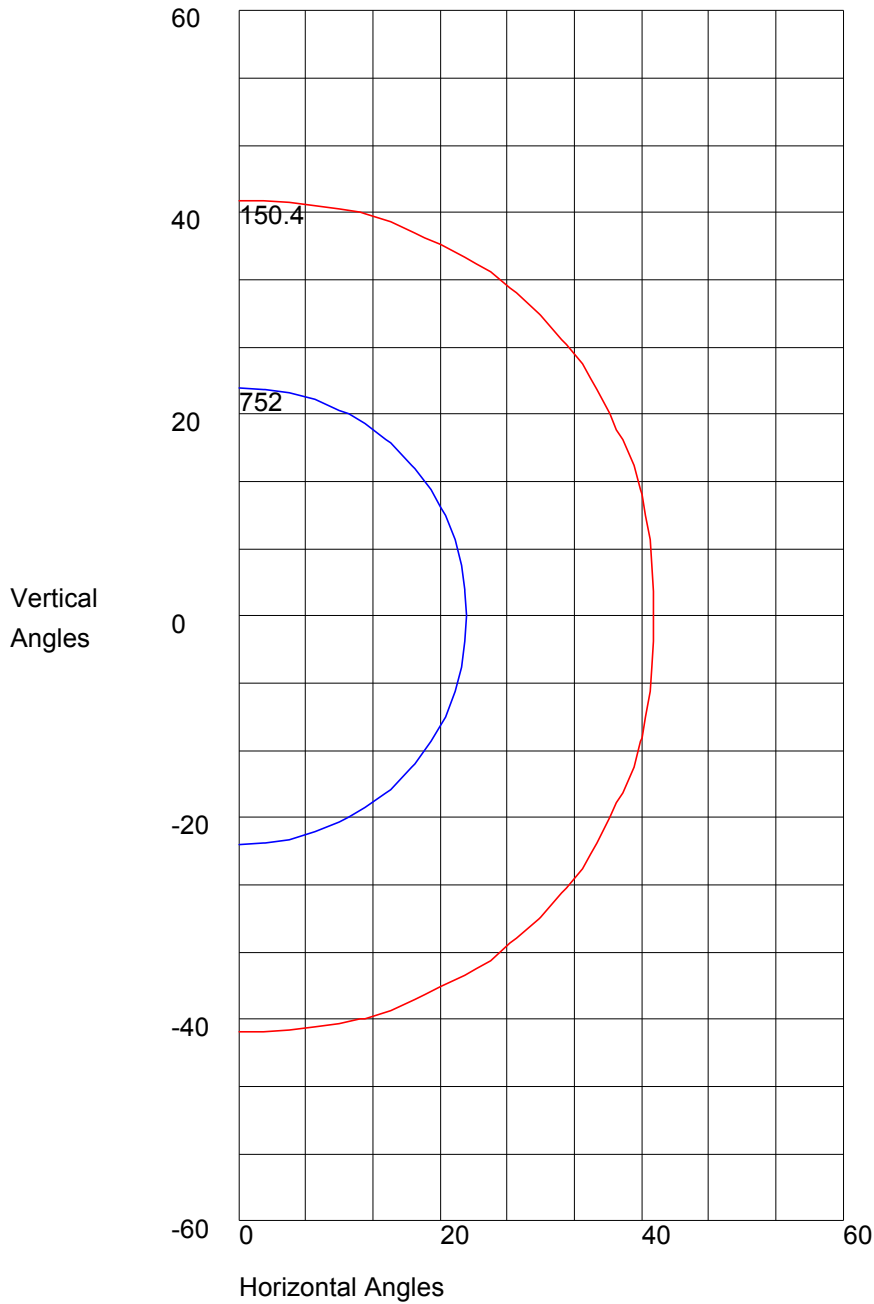
Zone	%
0-20	37.8
0-30	62.4
0-40	76.3
0-60	89.7
0-80	98.3
0-90	100
10-90	90.3
20-40	38.4
20-50	47.4
40-70	18.3
60-80	8.6
70-80	3.7
80-90	1.7
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 1504 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1504 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 752  
10% Maximum Candela = 150.4