



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805941.IES**

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] L061805941  
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
[ISSUEDATE] 7/13/2018  
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
[LUMCAT] 1185-B-MF-30-B-MV-CX-ND-LSF  
[LUMINAIRE] LED Ingrade, MF Distribution, Linear Spread Filter  
[BALLASTCAT] ENERGY RECOVERY PRODUCTS ESS030W-0620-42(500mA)  
[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 L061805940 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.81.  
[INPUT] 120VAC, 20.61W  
[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	3773
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	22.0
Vertical Beam Angle (50%)	37.9
Horizontal Field Angle (10%)	54.9
Vertical Field Angle (10%)	75.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	521
Beam Efficiency	N.A.
Field Lumens	1153
Field Efficiency	N.A.
Spill Lumens	411
Luminaire Lumens	1564
Total Efficiency	N.A.
Total Luminaire Watts	20.61
Ballast Factor	1.00

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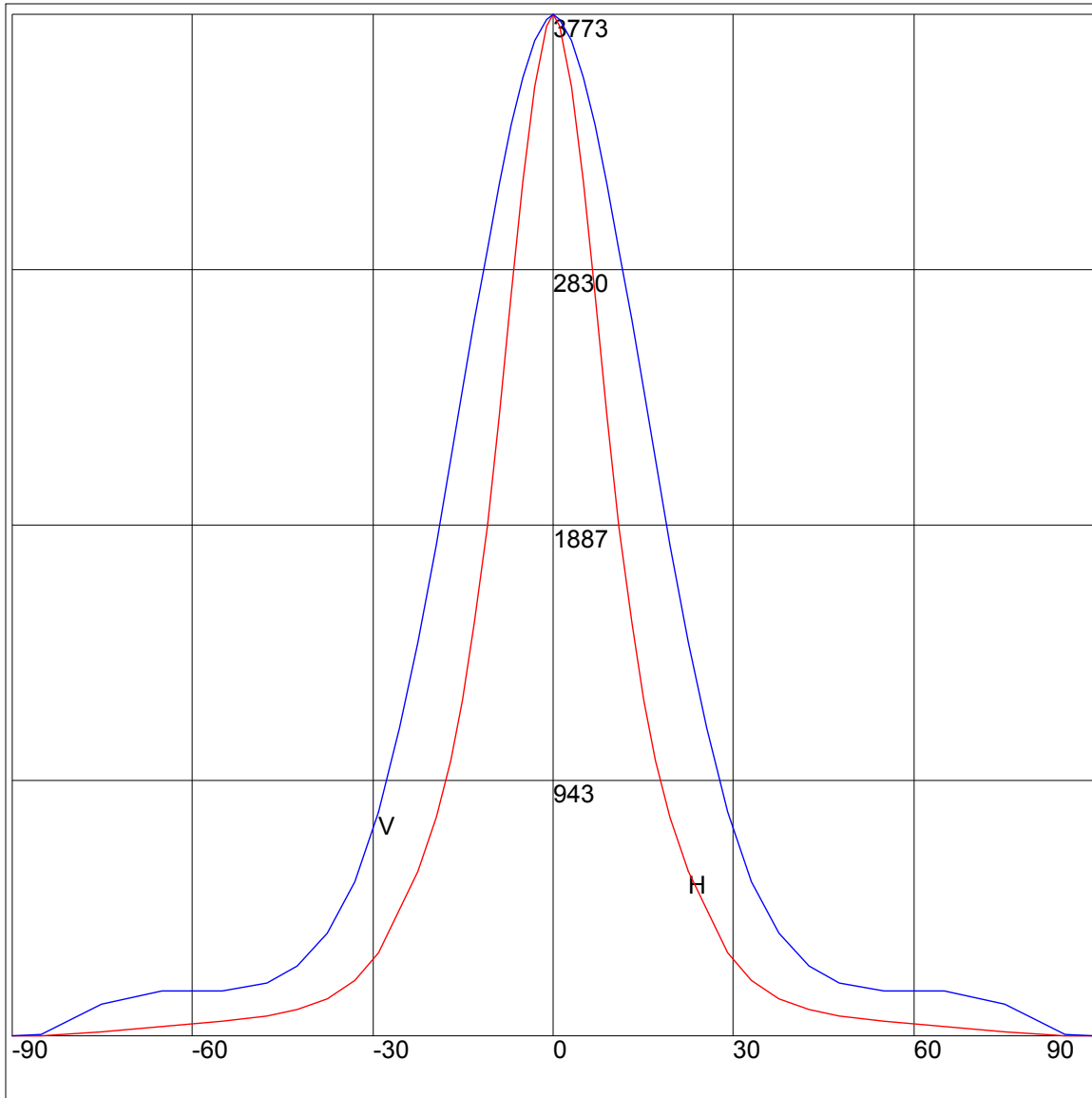
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	2	85	8
75	15	75	119
65	36	65	169
55	55	55	168
47.5	77	47.5	199
42.5	100	42.5	261
37.5	139	37.5	380
33	205	33	573
29	308	29	826
25.5	467	25.5	1139
22.5	612	22.5	1457
19.5	809	19.5	1815
17	1020	17	2132
15	1241	15	2388
13	1529	13	2648
11	1883	11	2904
9	2289	9	3148
7	2737	7	3365
5	3158	5	3541
3	3506	3	3678
1	3728	1	3754
0	3773	0	3773
-1	3728	-1	3754
-3	3506	-3	3678
-5	3158	-5	3541
-7	2737	-7	3365
-9	2289	-9	3148
-11	1883	-11	2904
-13	1529	-13	2648
-15	1241	-15	2388
-17	1020	-17	2132
-19.5	809	-19.5	1815
-22.5	612	-22.5	1457
-25.5	467	-25.5	1139
-29	308	-29	826
-33	205	-33	573
-37.5	139	-37.5	380
-42.5	100	-42.5	261
-47.5	77	-47.5	199
-55	55	-55	168
-65	36	-65	169
-75	15	-75	119
-85	2	-85	8
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

Zone	%
0-20	49.1
0-30	70.5
0-40	81.9
0-60	93.2
0-80	99.6
0-90	100
10-90	81.3
20-40	32.8
20-50	39.3
40-70	15.3
60-80	6.4
70-80	2.4
80-90	0.4
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY

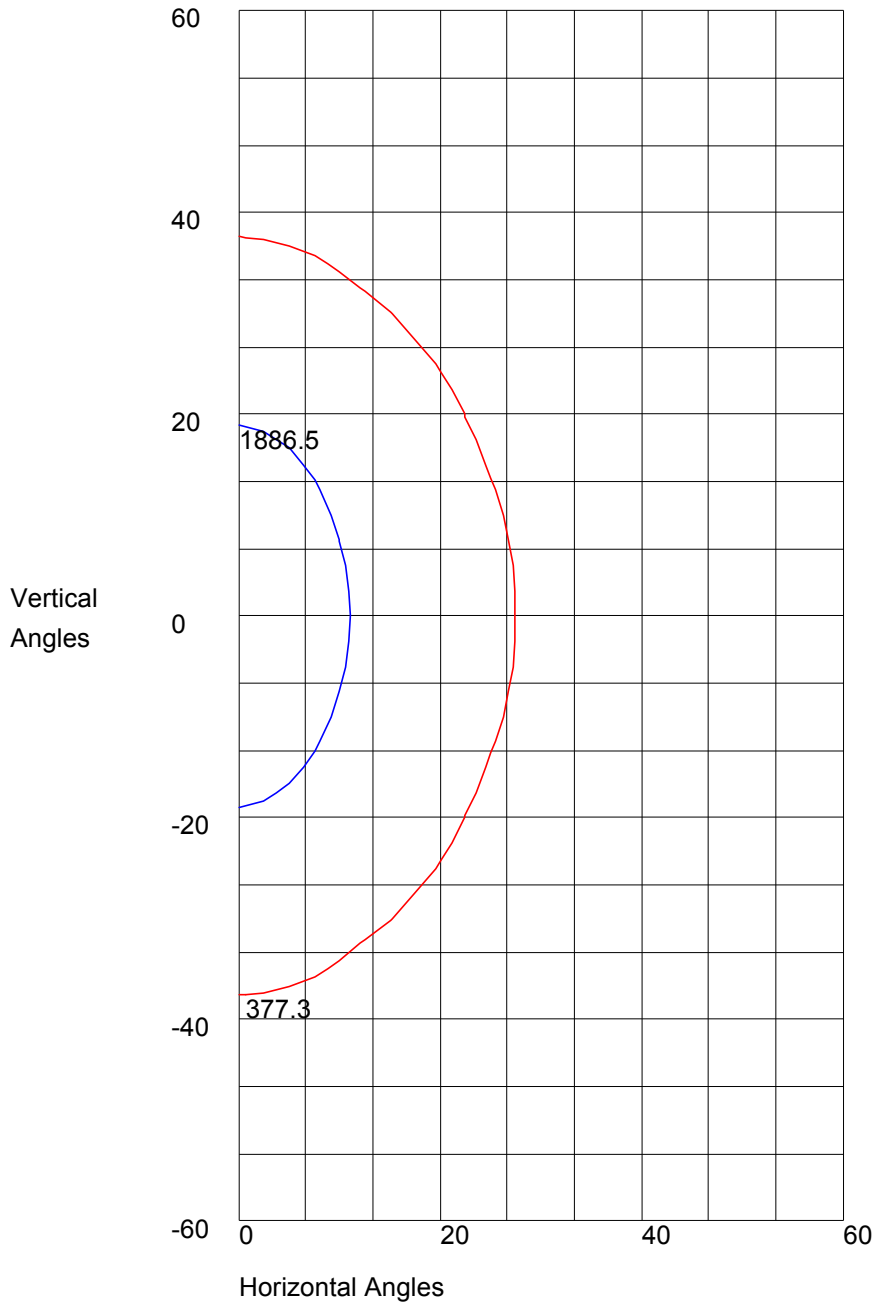


Maximum Candela = 3773 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3773 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 1886.5  
10% Maximum Candela = 377.3