



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805925.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L061805925
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 7/11/2018
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting
 [LUMCAT] 1057-X-MF-30-A-MV-ND-LSF
 [LUMINAIRE] LED Floodlight, 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 L061805923 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.5.
 [INPUT] 120VAC, 18.71W
 [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	1555
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	43.6
Vertical Beam Angle (50%)	43.6
Horizontal Field Angle (10%)	80.2
Vertical Field Angle (10%)	80.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	512
Beam Efficiency	N.A.
Field Lumens	884
Field Efficiency	N.A.
Spill Lumens	184
Luminaire Lumens	1068
Total Efficiency	N.A.
Total Luminaire Watts	18.7
Ballast Factor	1.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805925.IES

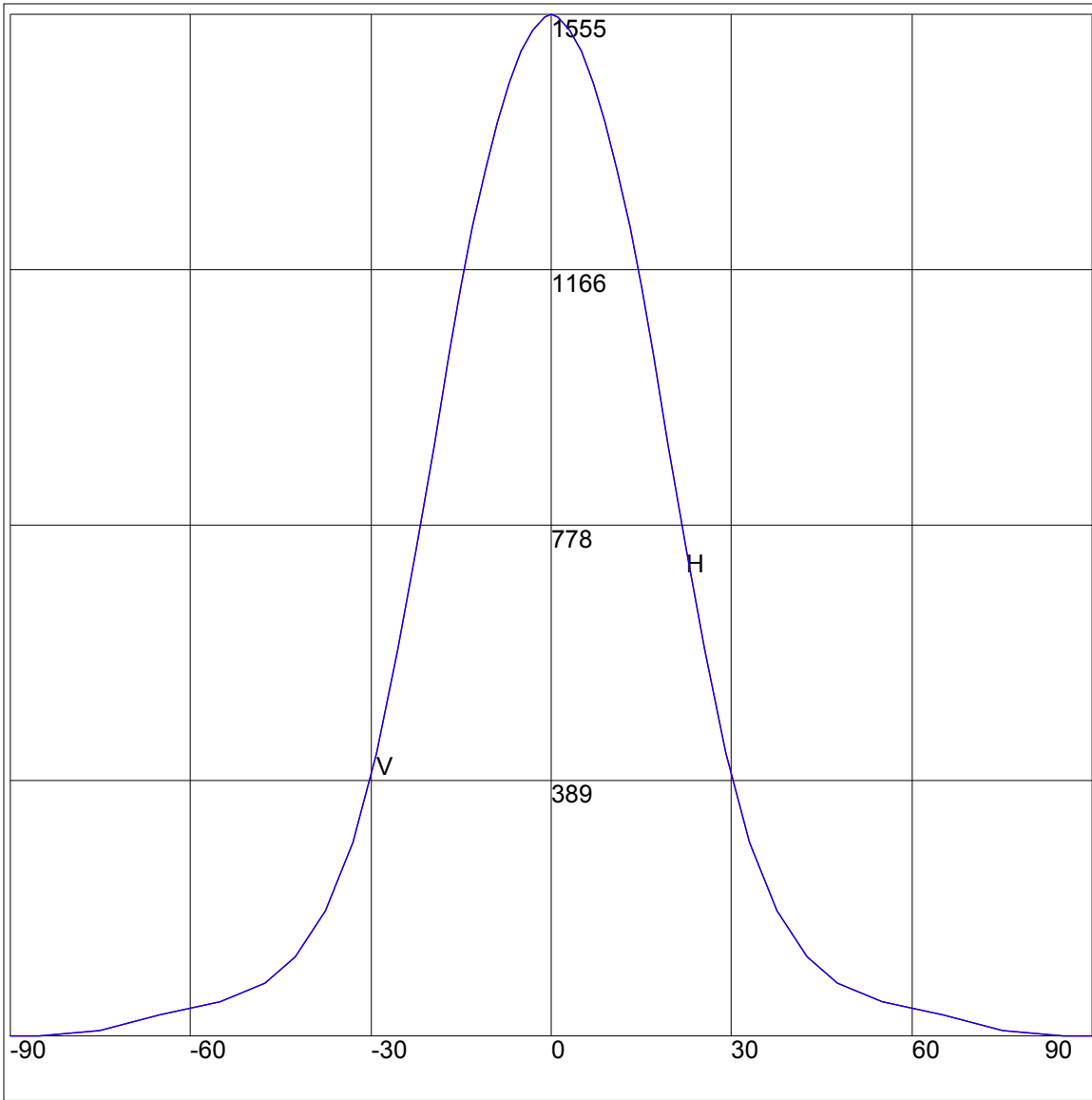
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	1
75	9	75	9
65	33	65	33
55	53	55	53
47.5	82	47.5	82
42.5	122	42.5	122
37.5	192	37.5	192
33	296	33	296
29	432	29	432
25.5	588	25.5	588
22.5	740	22.5	740
19.5	901	19.5	901
17	1036	17	1036
15	1138	15	1138
13	1233	13	1233
11	1318	11	1318
9	1390	9	1390
7	1451	7	1451
5	1498	5	1498
3	1531	3	1531
1	1550	1	1550
0	1555	0	1555
-1	1550	-1	1550
-3	1531	-3	1531
-5	1498	-5	1498
-7	1451	-7	1451
-9	1390	-9	1390
-11	1318	-11	1318
-13	1233	-13	1233
-15	1138	-15	1138
-17	1036	-17	1036
-19.5	901	-19.5	901
-22.5	740	-22.5	740
-25.5	588	-25.5	588
-29	432	-29	432
-33	296	-33	296
-37.5	192	-37.5	192
-42.5	122	-42.5	122
-47.5	82	-47.5	82
-55	53	-55	53
-65	33	-65	33
-75	9	-75	9
-85	1	-85	1
-90	0	-90	0

ZONAL LUMEN SUMMARY

Zone	%
0-20	40.7
0-30	66.5
0-40	80.7
0-60	93.6
0-80	99.5
0-90	100
10-90	89.4
20-40	40
20-50	48.8
40-70	16.7
60-80	5.8
70-80	2
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

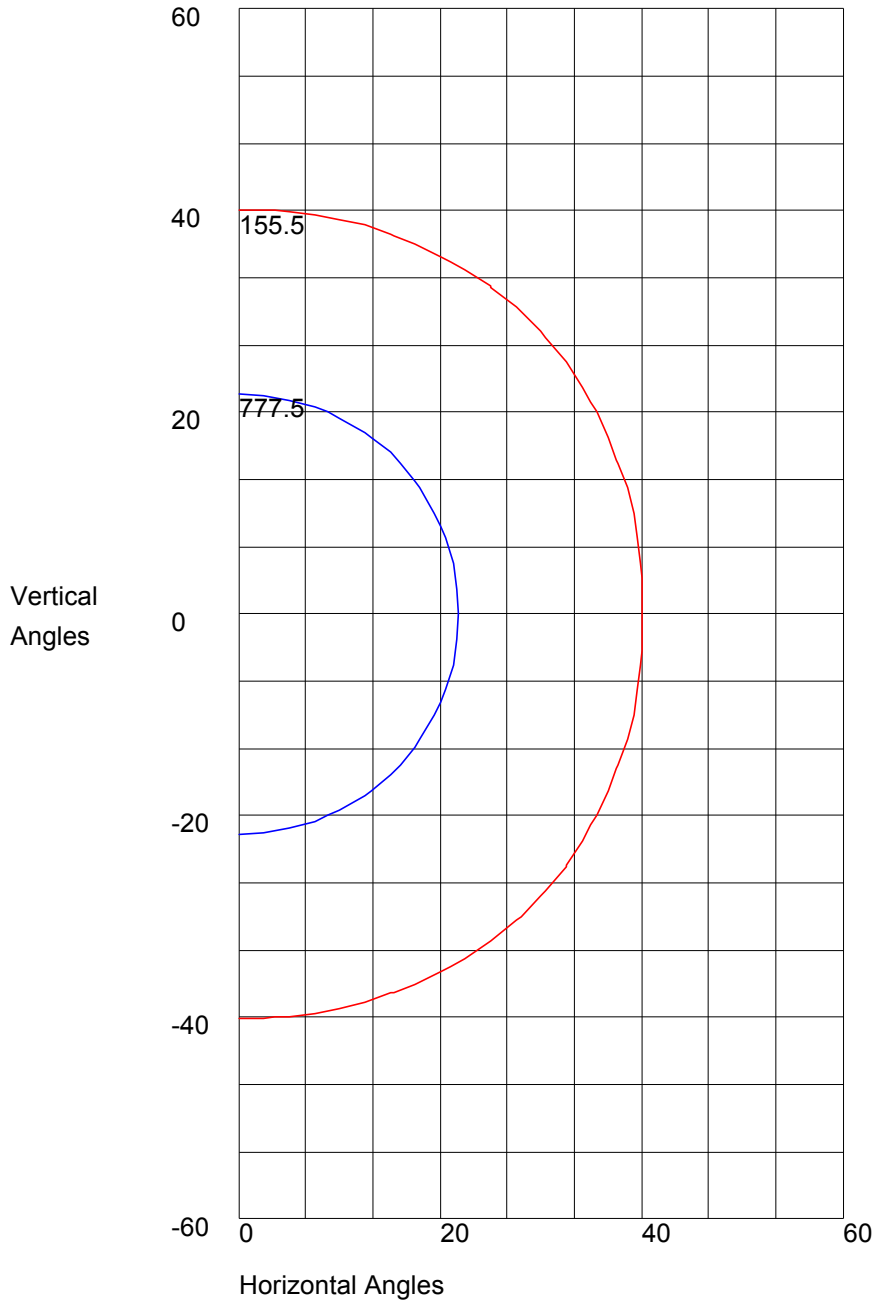


Maximum Candela = 1555 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1555 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 777.5
10% Maximum Candela = 155.5