



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

## Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L021703911.IES**

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] L021703911  
[TESTLAB] LIGHT LABORATORY, INC.  
[ISSUE DATE] 2/17/2017  
[MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING  
[LUMCAT] 1045-X-WF-500  
[LUMINAIRE] LED ACCENT LUMINAIRE  
[BALLASTCAT] ERP ESS030W-0620-42  
[LAMPPOSITION] 0,0  
[LAMPCAT] N/A  
[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 L021703904 BY USING DRIVE CURRENT RATIO OF 0.81.  
[INPUT] 120VAC, 20.57W  
[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	2213
Maximum Candela Angle	-9H -1V
Horizontal Beam Angle (50%)	50.6
Vertical Beam Angle (50%)	47.6
Horizontal Field Angle (10%)	78.6
Vertical Field Angle (10%)	76.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1097
Beam Efficiency	N.A.
Field Lumens	1541
Field Efficiency	N.A.
Spill Lumens	141
Luminaire Lumens	1682
Total Efficiency	N.A.
Total Luminaire Watts	20.57
Ballast Factor	1.00

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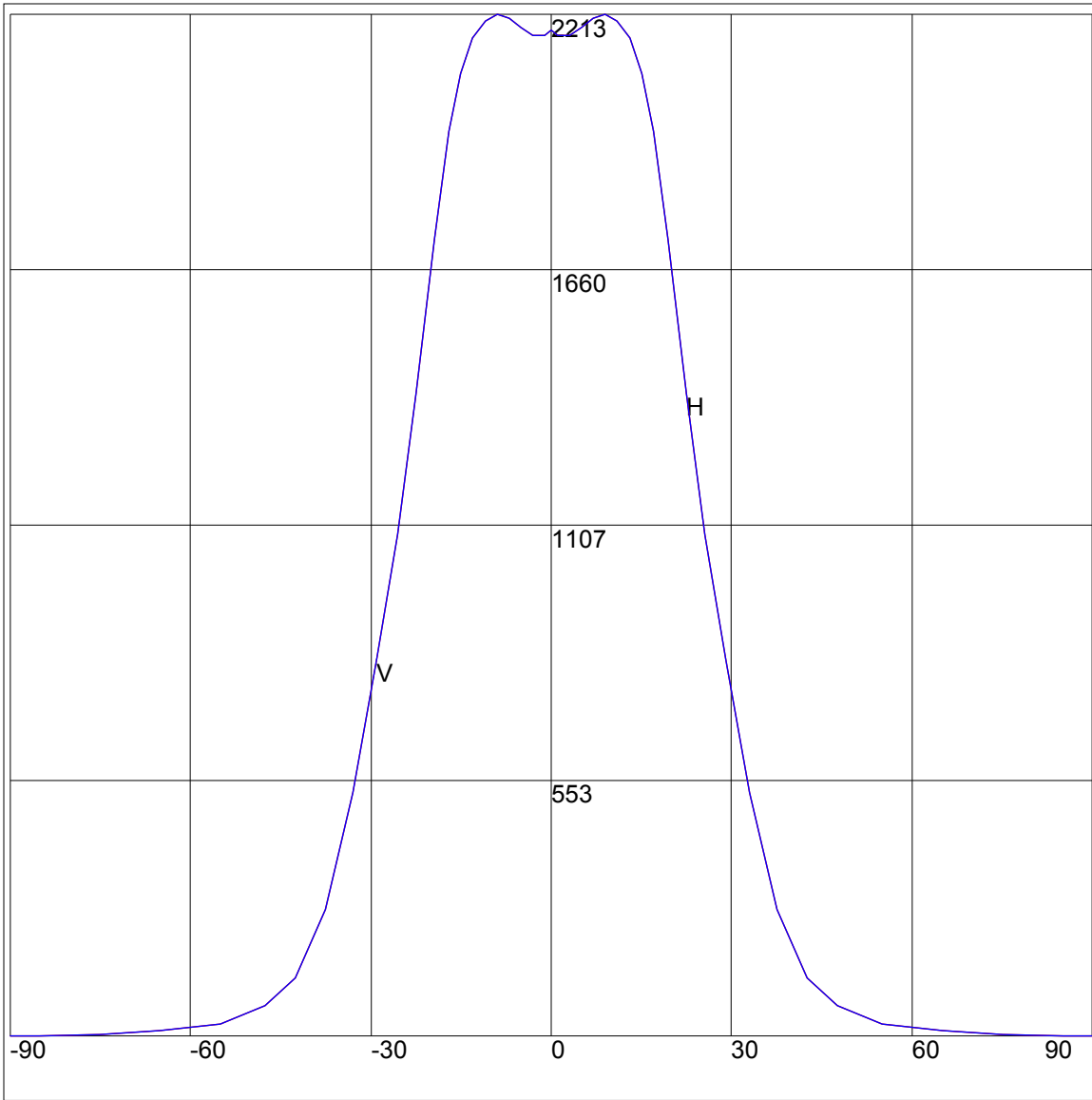
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	3	75	3
65	12	65	12
55	27	55	27
47.5	66	47.5	66
42.5	126	42.5	126
37.5	276	37.5	276
33	530	33	530
29	817	29	817
25.5	1087	25.5	1087
22.5	1391	22.5	1391
19.5	1727	19.5	1727
17	1958	17	1958
15	2085	15	2085
13	2162	13	2162
11	2200	11	2200
9	2213	9	2213
7	2204	7	2204
5	2184	5	2184
3	2167	3	2167
1	2168	1	2168
0	2179	0	2179
-1	2168	-1	2168
-3	2167	-3	2167
-5	2184	-5	2184
-7	2204	-7	2204
-9	2213	-9	2213
-11	2200	-11	2200
-13	2162	-13	2162
-15	2085	-15	2085
-17	1958	-17	1958
-19.5	1727	-19.5	1727
-22.5	1391	-22.5	1391
-25.5	1087	-25.5	1087
-29	817	-29	817
-33	530	-33	530
-37.5	276	-37.5	276
-42.5	126	-42.5	126
-47.5	66	-47.5	66
-55	27	-55	27
-65	12	-65	12
-75	3	-75	3
-85	0	-85	0
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

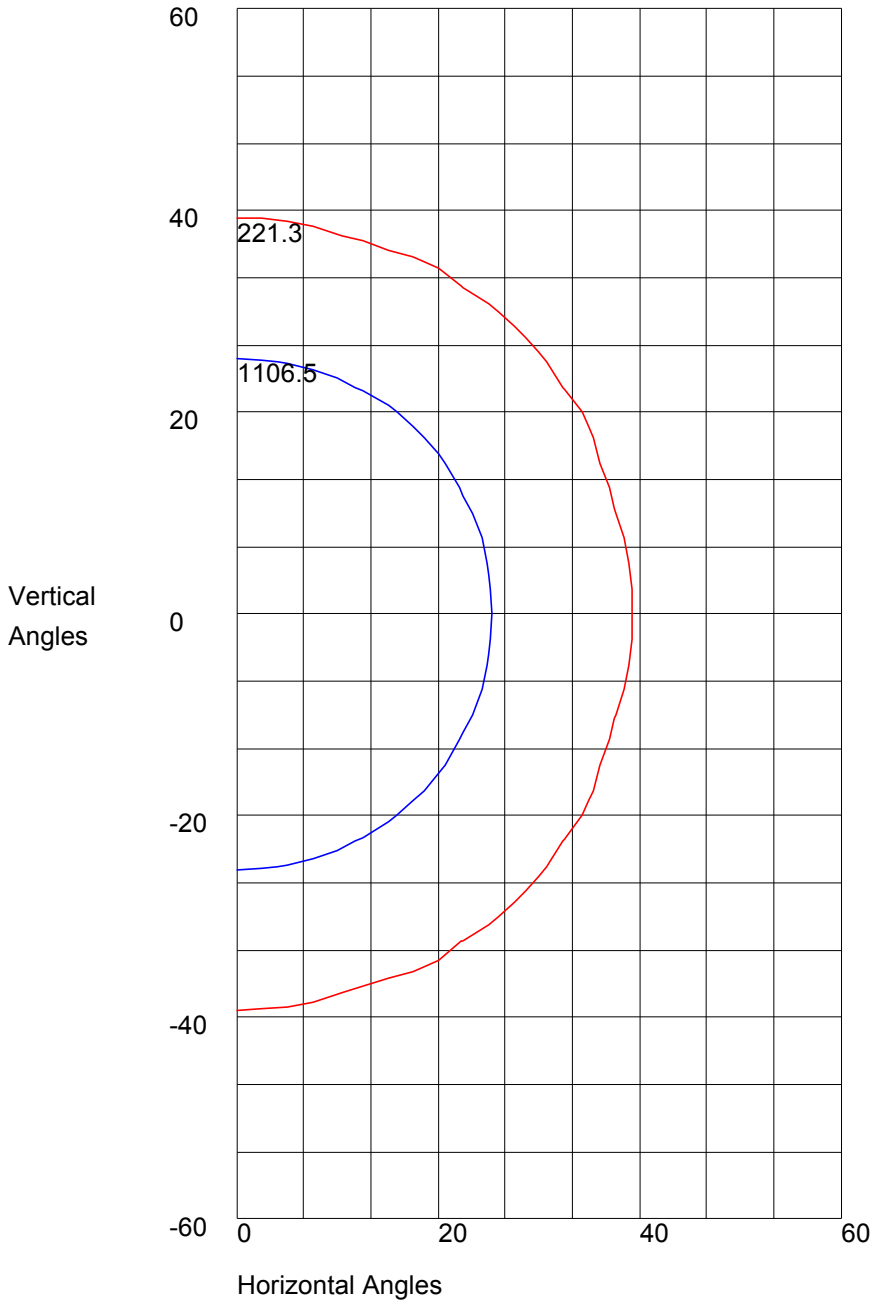
Zone	%
0-20	46.4
0-30	77.7
0-40	93.1
0-60	99
0-80	100
0-90	100
10-90	87.5
20-40	46.7
20-50	51.1
40-70	6.6
60-80	0.9
70-80	0.2
80-90	0
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 2213 Located At Horizontal Angle =-9, Vertical Angle =-1  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2213 Located At Horizontal Angle =-9, Vertical Angle =-1  
50% Maximum Candela = 1106.5  
10% Maximum Candela = 221.3