



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L121800904.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L121800904  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 12/17/2018  
 [MANUFAC] Vista Professional Outdoor Lighting  
 [LUMCAT] 1182-X-MF-30-A-MV-CX-ND  
 [LUMINAIRE] Ingrade, MF-Medium Flood Distribution  
 [BALLASTCAT] CUSTOM DRIVER  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [INPUT] 119.99VAC, 13.85W  
 [TEST PROCEDURE] IESNA:LM-79-08

Note: Candela values converted from Type-C to Type-B

**CHARACTERISTICS**

NEMA Type	4 H x 4 V
Maximum Candela	2642
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	39.3
Vertical Beam Angle (50%)	39.3
Horizontal Field Angle (10%)	63.3
Vertical Field Angle (10%)	63.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	708
Beam Efficiency	N.A.
Field Lumens	1089
Field Efficiency	N.A.
Spill Lumens	152
Luminaire Lumens	1241
Total Efficiency	N.A.
Total Luminaire Watts	13.85
Ballast Factor	1.00

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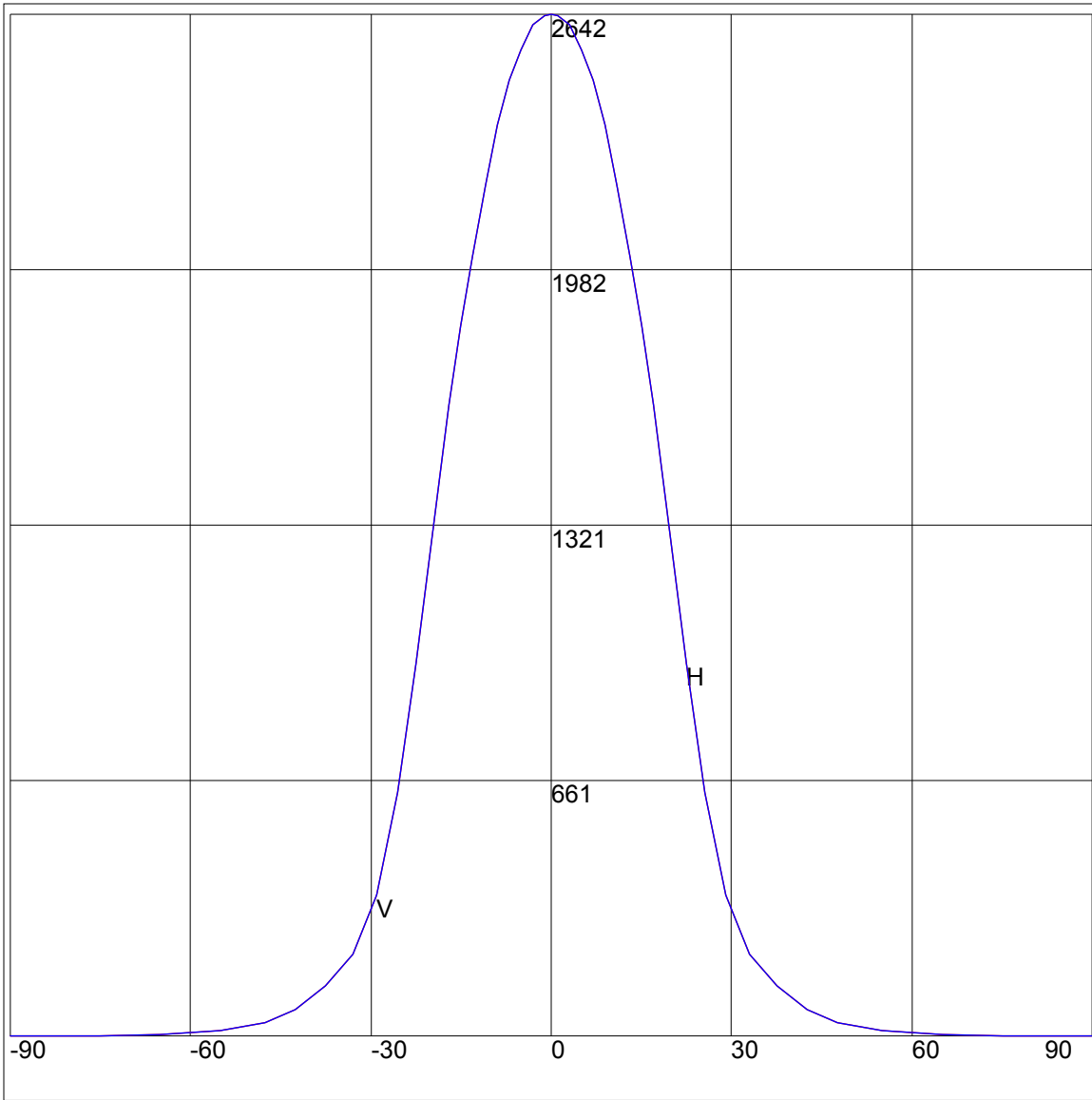
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	2	85	2
75	2	75	2
65	4	65	4
55	14	55	14
47.5	37	47.5	37
42.5	68	42.5	68
37.5	131	37.5	131
33	212	33	212
29	365	29	365
25.5	631	25.5	631
22.5	965	22.5	965
19.5	1340	19.5	1340
17	1631	17	1631
15	1836	15	1836
13	2016	13	2016
11	2198	11	2198
9	2355	9	2355
7	2473	7	2473
5	2550	5	2550
3	2616	3	2616
1	2639	1	2639
0	2642	0	2642
-1	2639	-1	2639
-3	2616	-3	2616
-5	2550	-5	2550
-7	2473	-7	2473
-9	2355	-9	2355
-11	2198	-11	2198
-13	2016	-13	2016
-15	1836	-15	1836
-17	1631	-17	1631
-19.5	1340	-19.5	1340
-22.5	965	-22.5	965
-25.5	631	-25.5	631
-29	365	-29	365
-33	212	-33	212
-37.5	131	-37.5	131
-42.5	68	-42.5	68
-47.5	37	-47.5	37
-55	14	-55	14
-65	4	-65	4
-75	2	-75	2
-85	2	-85	2
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

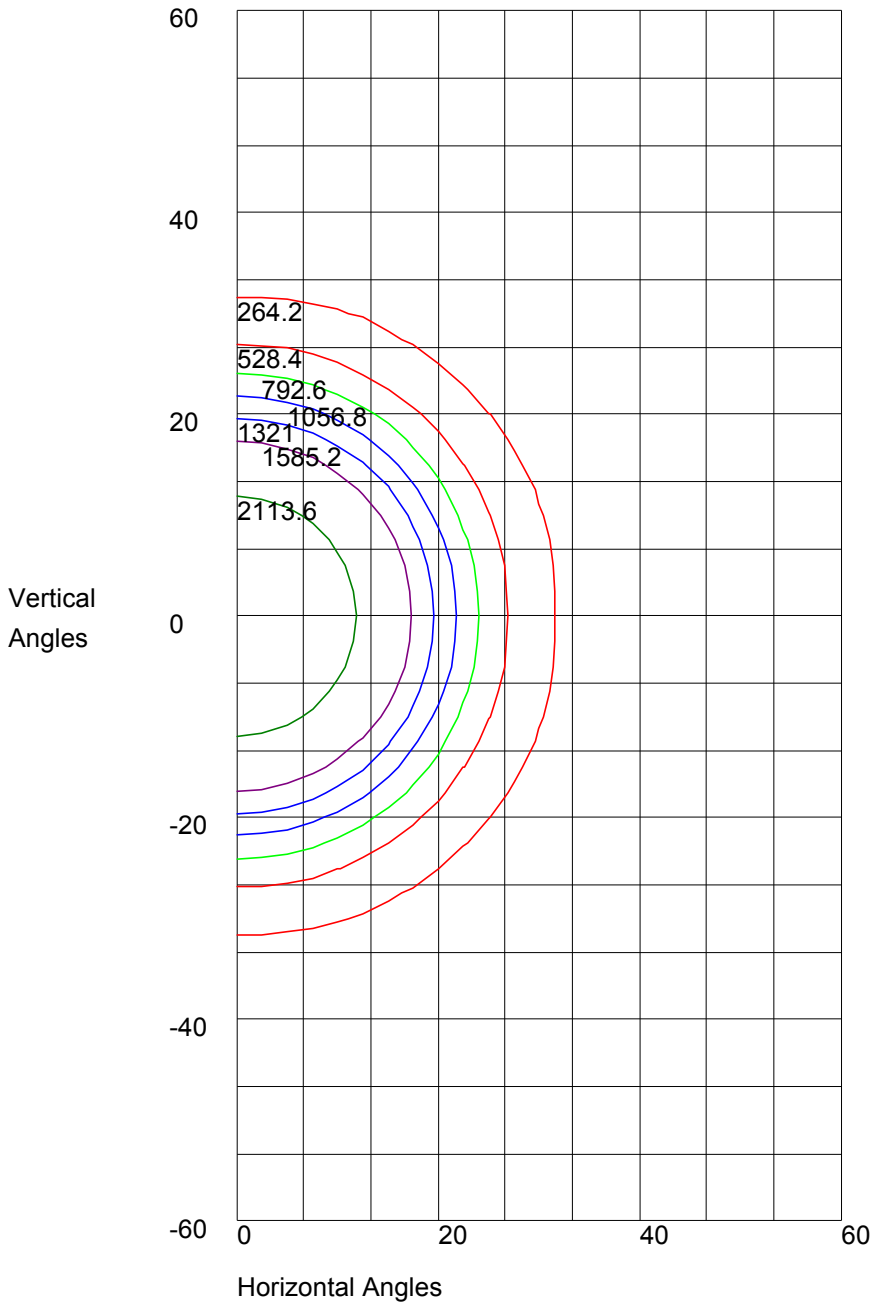
Zone	%
0-20	57.3
0-30	83.9
0-40	93.1
0-60	98.8
0-80	99.8
0-90	100
10-90	84.4
20-40	35.8
20-50	40.3
40-70	6.5
60-80	0.9
70-80	0.2
80-90	0.2
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 2642 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2642 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 1321  
10% Maximum Candela = 264.2