



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L022011601.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L022011601  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 2/25/2020  
 [MANUFAC] Vista Professional Outdoor Lighting  
 [LUMCAT] VR11-X-MF-30-11.5kO-MV-CX-ND  
 [LUMINAIRE] Ingrade, MF-Medium Flood Distribution, 11.5kOhm resistor  
 [BALLASTCAT] CUSTOM DRIVER  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [INPUT] 120.02VAC, 6.27W  
 [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	1266
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	37.6
Vertical Beam Angle (50%)	37.6
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	320
Beam Efficiency	N.A.
Field Lumens	490
Field Efficiency	N.A.
Spill Lumens	74
Luminaire Lumens	564
Total Efficiency	N.A.
Total Luminaire Watts	6.27
Ballast Factor	1.00

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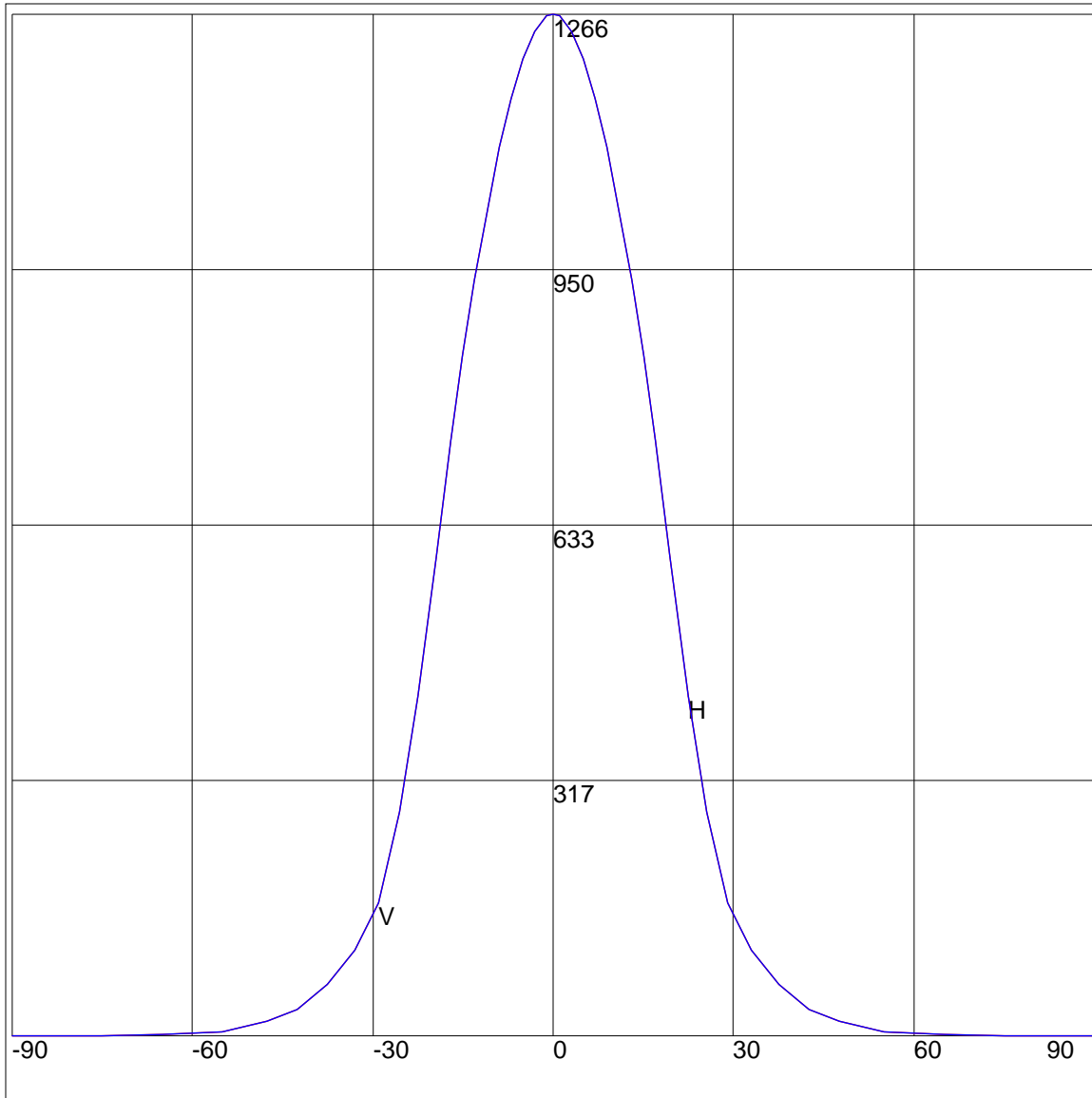
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	0	75	0
65	2	65	2
55	6	55	6
47.5	18	47.5	18
42.5	34	42.5	34
37.5	64	37.5	64
33	107	33	107
29	165	29	165
25.5	278	25.5	278
22.5	422	22.5	422
19.5	594	19.5	594
17	738	17	738
15	844	15	844
13	936	13	936
11	1023	11	1023
9	1102	9	1102
7	1161	7	1161
5	1211	5	1211
3	1245	3	1245
1	1264	1	1264
0	1266	0	1266
-1	1264	-1	1264
-3	1245	-3	1245
-5	1211	-5	1211
-7	1161	-7	1161
-9	1102	-9	1102
-11	1023	-11	1023
-13	936	-13	936
-15	844	-15	844
-17	738	-17	738
-19.5	594	-19.5	594
-22.5	422	-22.5	422
-25.5	278	-25.5	278
-29	165	-29	165
-33	107	-33	107
-37.5	64	-37.5	64
-42.5	34	-42.5	34
-47.5	18	-47.5	18
-55	6	-55	6
-65	2	-65	2
-75	0	-75	0
-85	0	-85	0
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

Zone	%
0-20	60.3
0-30	85.4
0-40	95
0-60	99.6
0-80	100
0-90	100
10-90	80.3
20-40	34.7
20-50	38.2
40-70	4.9
60-80	0.4
70-80	0
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

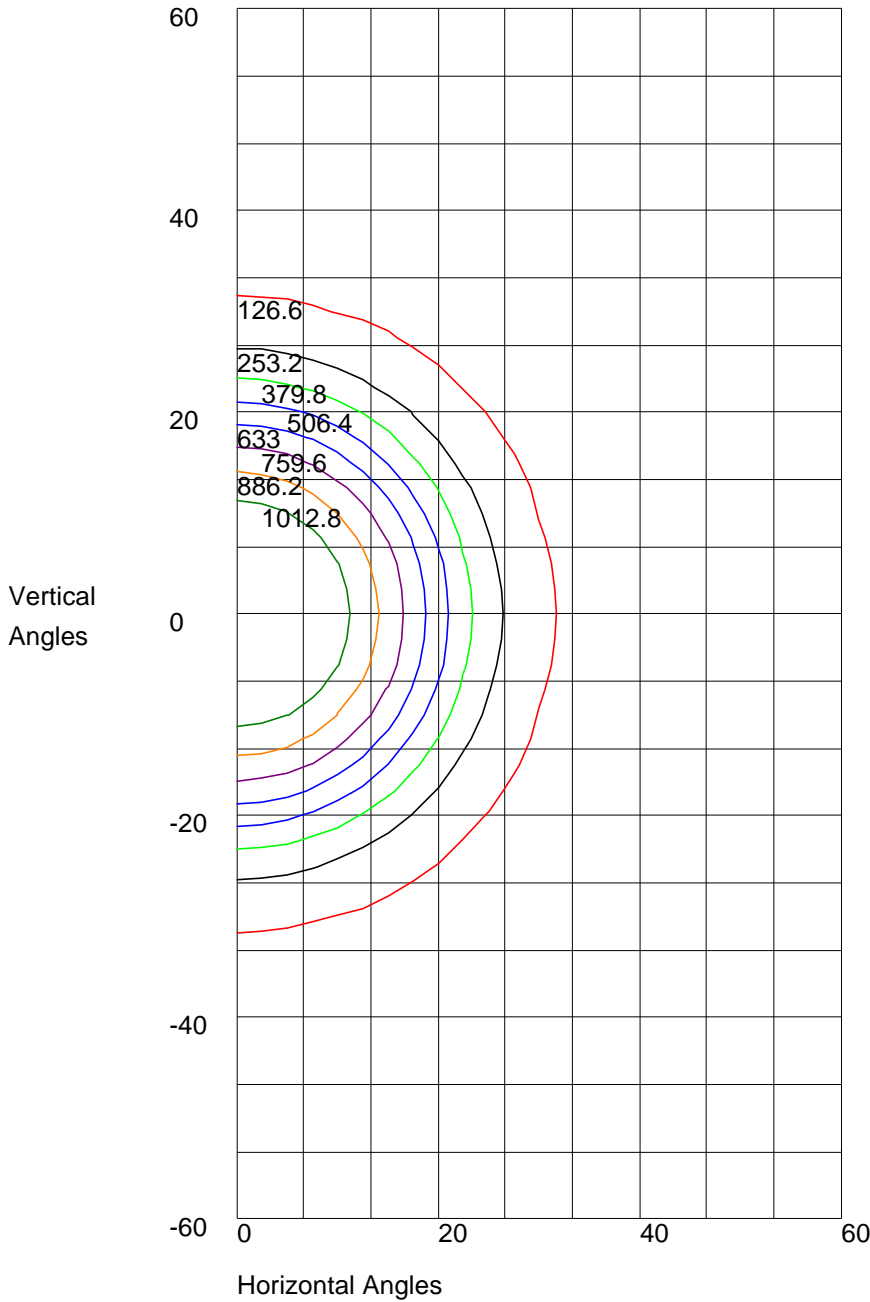


Maximum Candela = 1266 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1266 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 633  
10% Maximum Candela = 126.6