



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L022011604.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L022011604  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 2/25/2020  
 [MANUFAC] Vista Professional Outdoor Lighting  
 [LUMCAT] 1182SE-X-NS-30-11.5kO-MV-CX-ND  
 [LUMINAIRE] Ingrade, NS-Narrow Spot 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] 120.01VAC, 6.33W  
 [TEST PROCEDURE] IESNA:LM-79-08

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

**CHARACTERISTICS**

NEMA Type	1 H x 1 V
Maximum Candela	12917
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	8.9
Vertical Beam Angle (50%)	8.9
Horizontal Field Angle (10%)	15.8
Vertical Field Angle (10%)	15.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	152
Beam Efficiency	N.A.
Field Lumens	295
Field Efficiency	N.A.
Spill Lumens	160
Luminaire Lumens	455
Total Efficiency	N.A.
Total Luminaire Watts	6.33
Ballast Factor	1.00

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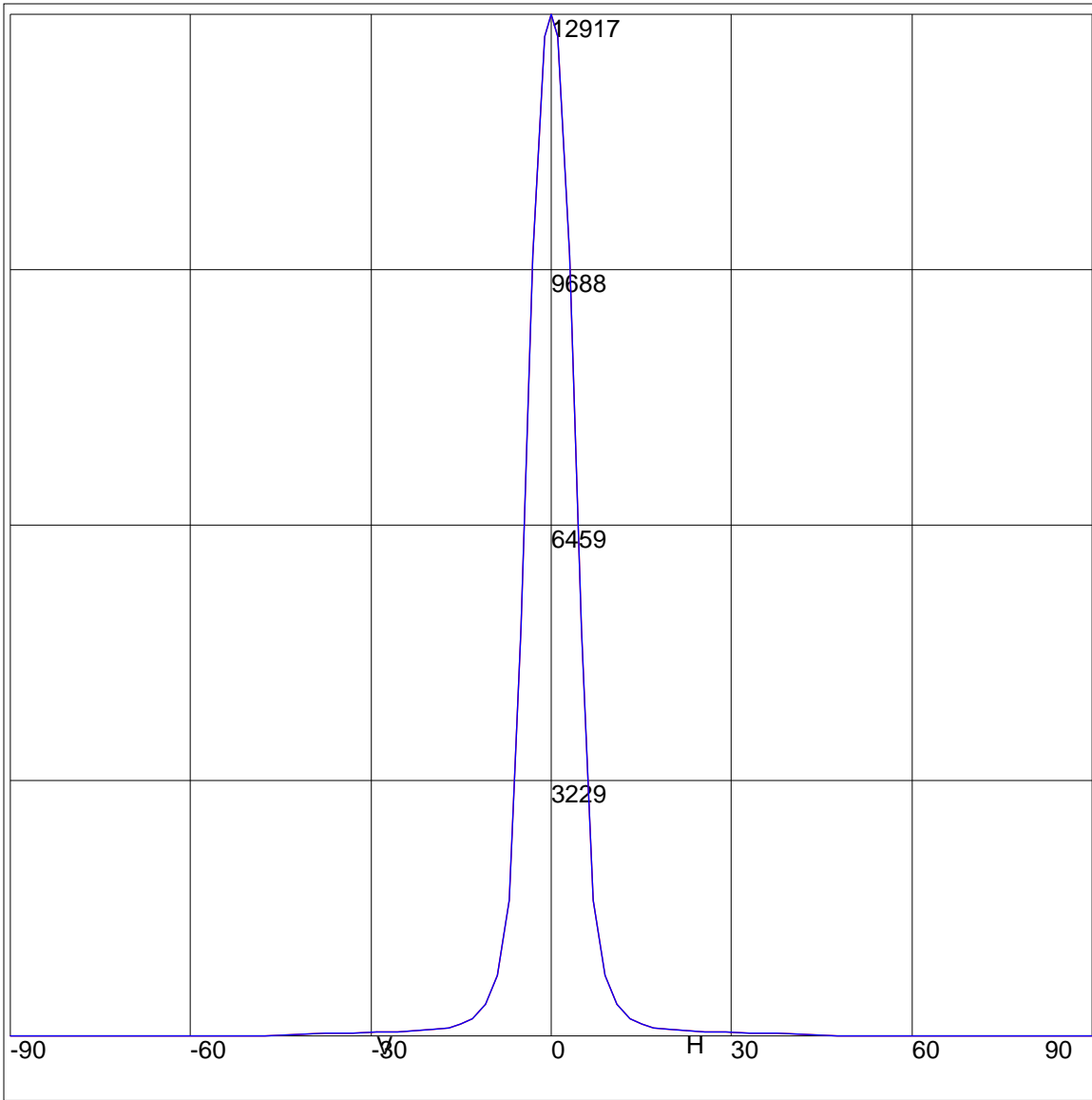
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	1	75	1
65	2	65	2
55	4	55	4
47.5	10	47.5	10
42.5	22	42.5	22
37.5	33	37.5	33
33	41	33	41
29	52	29	52
25.5	62	25.5	62
22.5	71	22.5	71
19.5	85	19.5	85
17	111	17	111
15	151	15	151
13	223	13	223
11	410	11	410
9	766	9	766
7	1726	7	1726
5	5156	5	5156
3	9876	3	9876
1	12640	1	12640
0	12917	0	12917
-1	12640	-1	12640
-3	9876	-3	9876
-5	5156	-5	5156
-7	1726	-7	1726
-9	766	-9	766
-11	410	-11	410
-13	223	-13	223
-15	151	-15	151
-17	111	-17	111
-19.5	85	-19.5	85
-22.5	71	-22.5	71
-25.5	62	-25.5	62
-29	52	-29	52
-33	41	-33	41
-37.5	33	-37.5	33
-42.5	22	-42.5	22
-47.5	10	-47.5	10
-55	4	-55	4
-65	2	-65	2
-75	1	-75	1
-85	0	-85	0
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

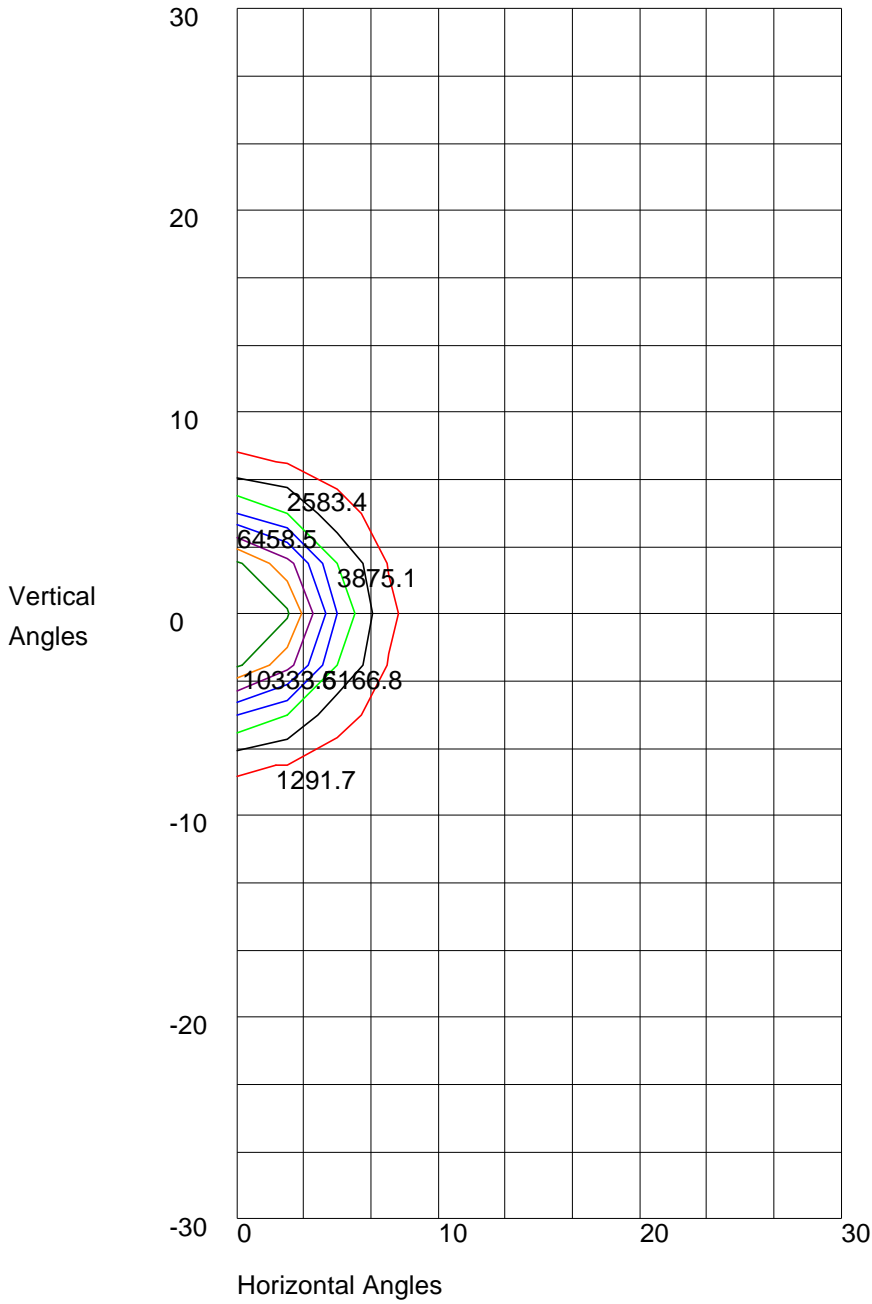
Zone	%
0-20	84.3
0-30	90.7
0-40	95.9
0-60	99.3
0-80	100
0-90	100
10-90	26.8
20-40	11.6
20-50	14.3
40-70	3.9
60-80	0.7
70-80	0.2
80-90	0
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 12917 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 12917 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 6458.5  
10% Maximum Candela = 1291.7