



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L022011609.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L022011609  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 2/25/2020  
 [MANUFAC] Vista Professional Outdoor Lighting  
 [LUMCAT] 1182-VNS-D-CX  
 [LUMINAIRE] Ingrade, VNS-Very Narrow Spot Distribution, 18.2kOhm resistor  
 [BALLASTCAT] CUSTOM DRIVER  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [INPUT] 120.0VAC, 11.73W  
 [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	19688
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	9.1
Vertical Beam Angle (50%)	9.1
Horizontal Field Angle (10%)	15.9
Vertical Field Angle (10%)	15.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	331
Beam Efficiency	N.A.
Field Lumens	461
Field Efficiency	N.A.
Spill Lumens	128
Luminaire Lumens	588
Total Efficiency	N.A.
Total Luminaire Watts	11.73
Ballast Factor	1.00

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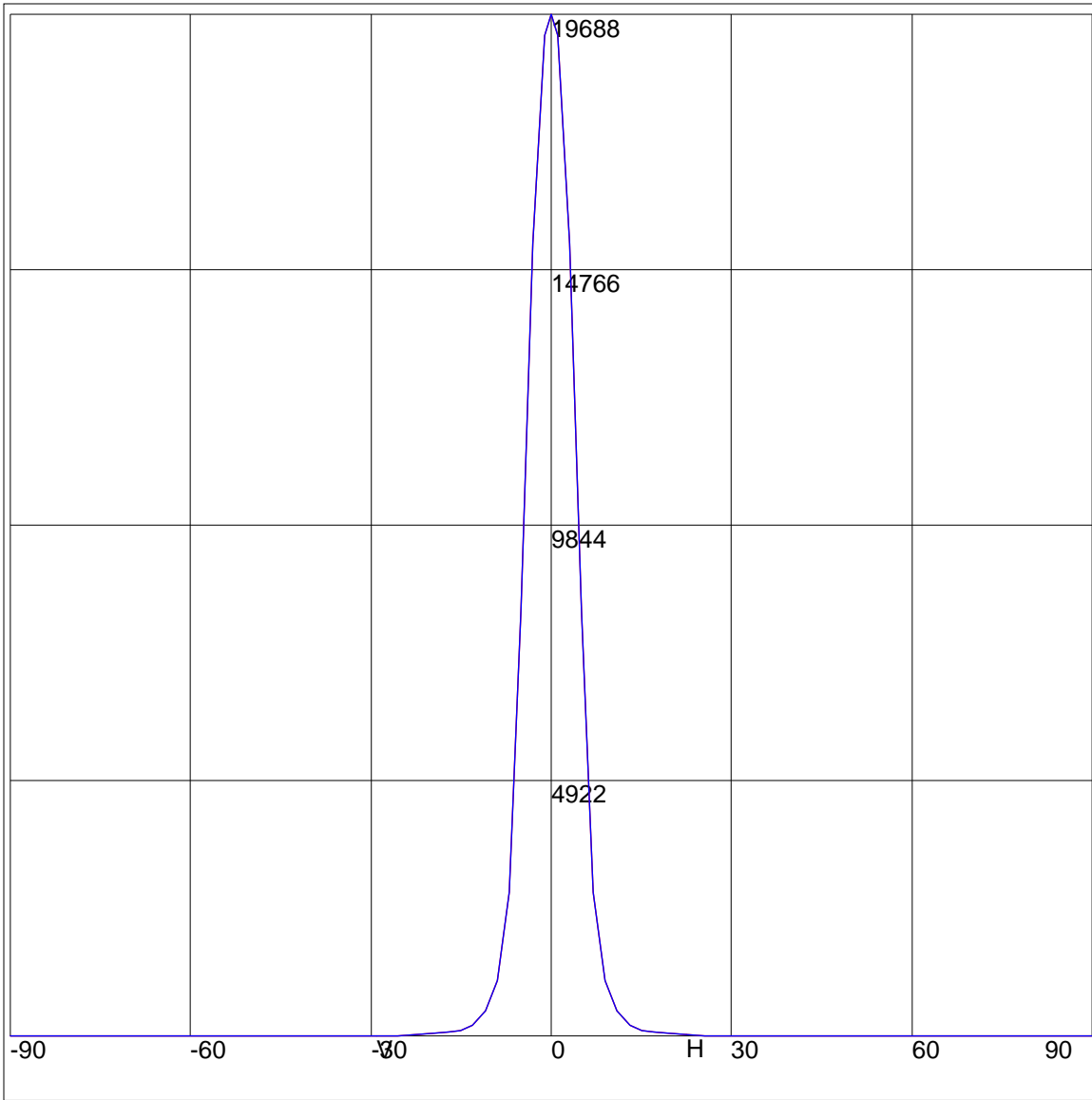
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	0	75	0
65	1	65	1
55	2	55	2
47.5	3	47.5	3
42.5	4	42.5	4
37.5	6	37.5	6
33	10	33	10
29	17	29	17
25.5	24	25.5	24
22.5	35	22.5	35
19.5	51	19.5	51
17	81	17	81
15	123	15	123
13	209	13	209
11	492	11	492
9	1087	9	1087
7	2767	7	2767
5	8195	5	8195
3	15269	3	15269
1	19283	1	19283
0	19688	0	19688
-1	19283	-1	19283
-3	15269	-3	15269
-5	8195	-5	8195
-7	2767	-7	2767
-9	1087	-9	1087
-11	492	-11	492
-13	209	-13	209
-15	123	-15	123
-17	81	-17	81
-19.5	51	-19.5	51
-22.5	35	-22.5	35
-25.5	24	-25.5	24
-29	17	-29	17
-33	10	-33	10
-37.5	6	-37.5	6
-42.5	4	-42.5	4
-47.5	3	-47.5	3
-55	2	-55	2
-65	1	-65	1
-75	0	-75	0
-85	0	-85	0
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

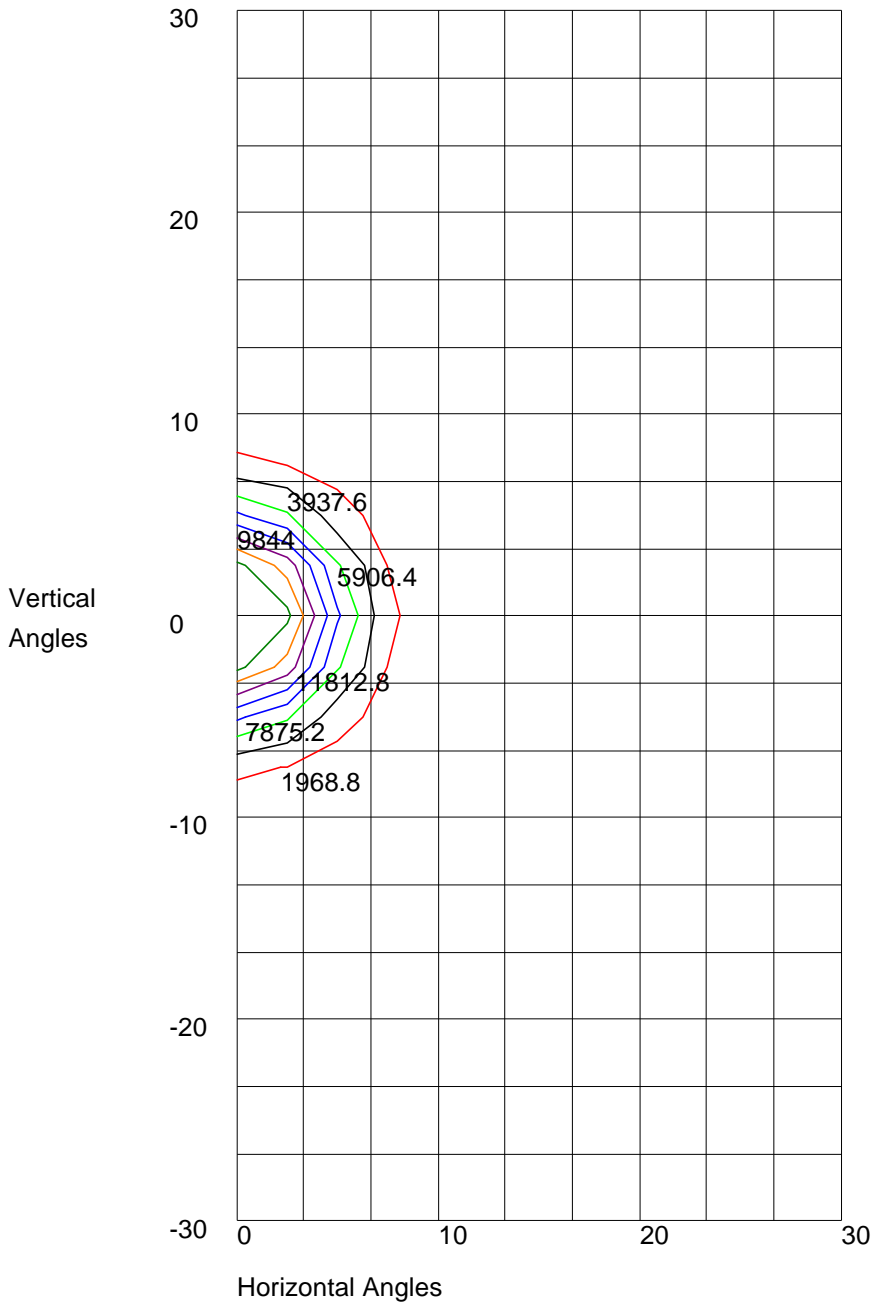
Zone	%
0-20	96.1
0-30	98.2
0-40	99.1
0-60	99.8
0-80	100
0-90	100
10-90	11.9
20-40	3
20-50	3.4
40-70	0.9
60-80	0.2
70-80	0
80-90	0
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 19688 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 19688 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 9844  
10% Maximum Candela = 1968.8