



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L121800903.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L121800903  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 12/17/2018  
 [MANUFAC] Vista Professional Outdoor Lighting  
 [LUMCAT] 1182SE-X-NS-30-A-MV-CX-ND  
 [LUMINAIRE] Ingrade, NS-Narrow Spot Distribution  
 [BALLASTCAT] CUSTOM DRIVER  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [INPUT] 119.98VAC, 13.83W  
 [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	29669
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	9.5
Vertical Beam Angle (50%)	9.5
Horizontal Field Angle (10%)	16.5
Vertical Field Angle (10%)	16.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	522
Beam Efficiency	N.A.
Field Lumens	788
Field Efficiency	N.A.
Spill Lumens	305
Luminaire Lumens	1093
Total Efficiency	N.A.
Total Luminaire Watts	13.83
Ballast Factor	1.00

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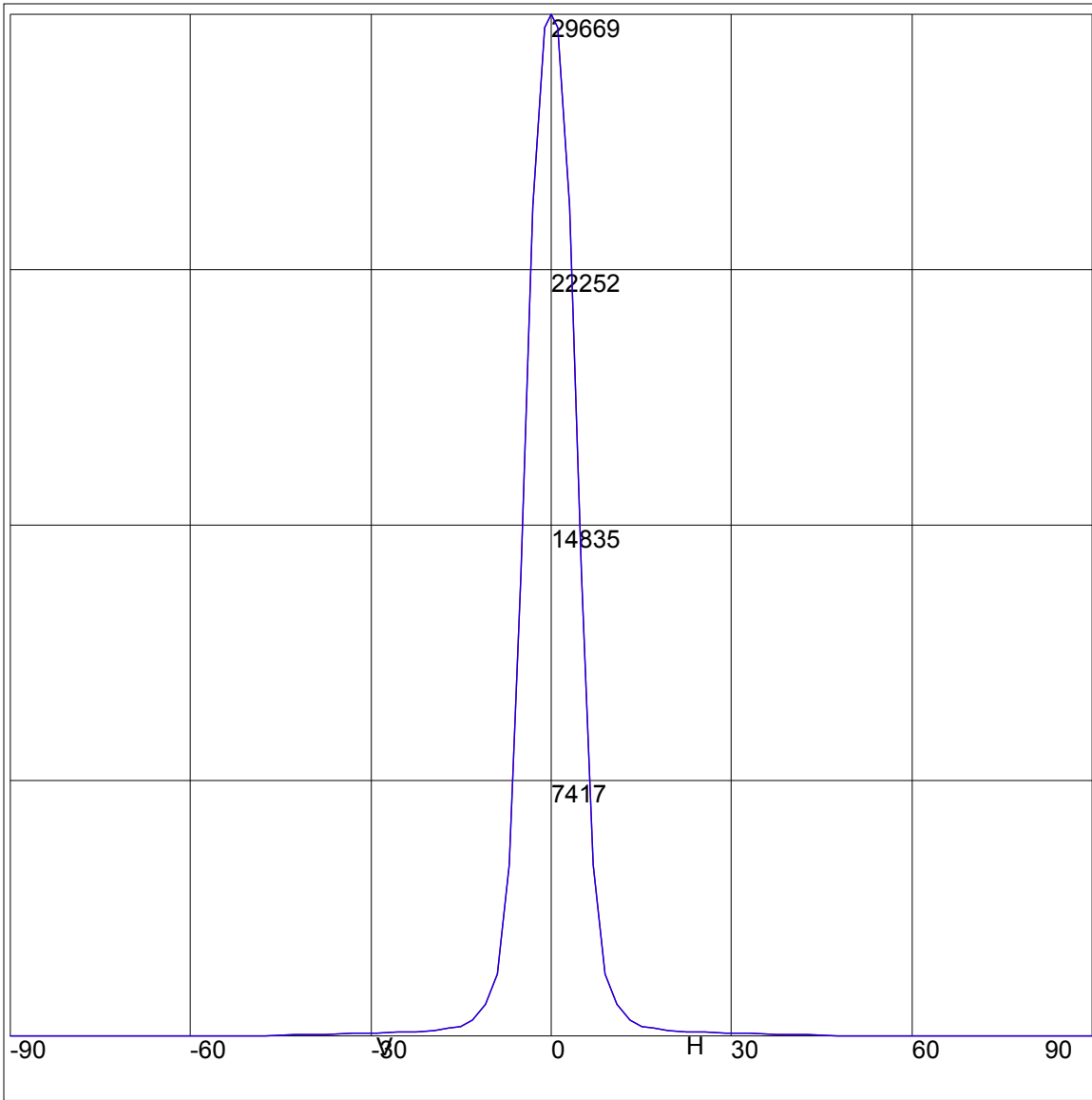
**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	1
75	3	75	3
65	3	65	3
55	7	55	7
47.5	22	47.5	22
42.5	43	42.5	43
37.5	63	37.5	63
33	83	33	83
29	104	29	104
25.5	122	25.5	122
22.5	140	22.5	140
19.5	168	19.5	168
17	235	17	235
15	289	15	289
13	460	13	460
11	939	11	939
9	1800	9	1800
7	4977	7	4977
5	13443	5	13443
3	24107	3	24107
1	29300	1	29300
0	29669	0	29669
-1	29300	-1	29300
-3	24107	-3	24107
-5	13443	-5	13443
-7	4977	-7	4977
-9	1800	-9	1800
-11	939	-11	939
-13	460	-13	460
-15	289	-15	289
-17	235	-17	235
-19.5	168	-19.5	168
-22.5	140	-22.5	140
-25.5	122	-25.5	122
-29	104	-29	104
-33	83	-33	83
-37.5	63	-37.5	63
-42.5	43	-42.5	43
-47.5	22	-47.5	22
-55	7	-55	7
-65	3	-65	3
-75	3	-75	3
-85	1	-85	1
-90	0	-90	0

**ZONAL LUMEN SUMMARY**

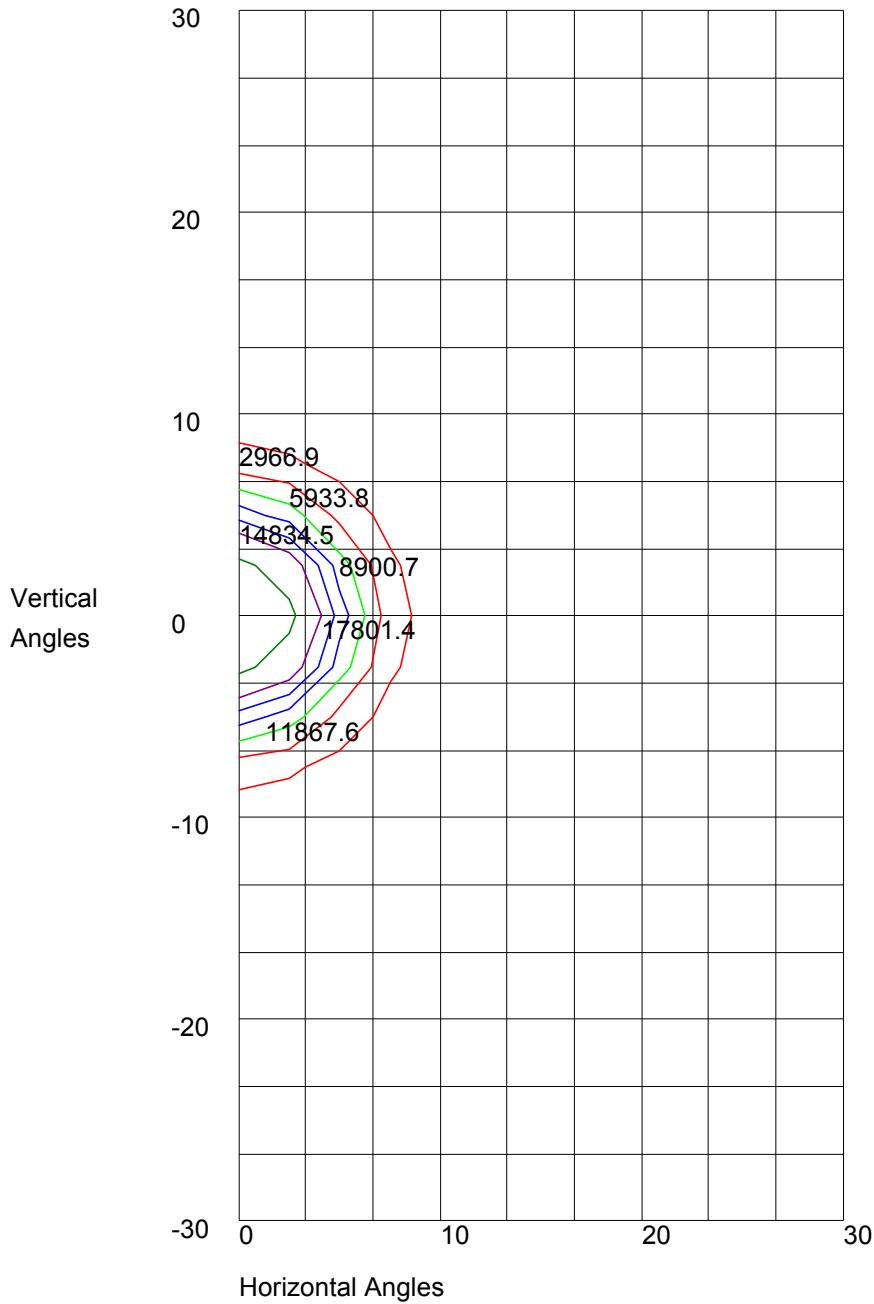
Zone	%
0-20	87
0-30	92.3
0-40	96.5
0-60	99.4
0-80	99.9
0-90	100
10-90	23
20-40	9.5
20-50	11.8
40-70	3.2
60-80	0.5
70-80	0.2
80-90	0.1
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 29669 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 29669 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 14834.5  
10% Maximum Candela = 2966.9