



8165 E. Kaiser Blvd. Anaheim, CA 92808  
 p. 714.282.2270  
 f. 714.676.5558

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L021606616.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L021606616  
 [TESTLAB] LIGHT LABORATORY, INC.  
 [ISSUEDATE] 3/4/2016  
 [MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING  
 [LUMCAT] RK94-B-NS-30-B-MV-CX-ND  
 [LUMINAIRE] 8"DIA. X 8"H. LED Ingrade, NS Distribution  
 [BALLASTCAT] ERP ESS030W-0620-42  
 [LAMPPOSITION] 0,0  
 [LAMPCAT] N/A  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [REMARK] THIS FILE IS GENERATED FROM LIGHT LABORATORY REPORT L021606604.  
 [MORE] PER CLIENT'S REQUEST, CANDELA AND ELECTRICAL VALUES ARE PRORATED  
 [MORE] BY USING THE OUTPUT CURRENT RATIO OF THE DRIVER(0.81=500mA/620mA).  
 [INPUT] 120VAC, 20.57W  
 [TEST PROCEDURE] IESNA:LM-79-08

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

**CHARACTERISTICS**

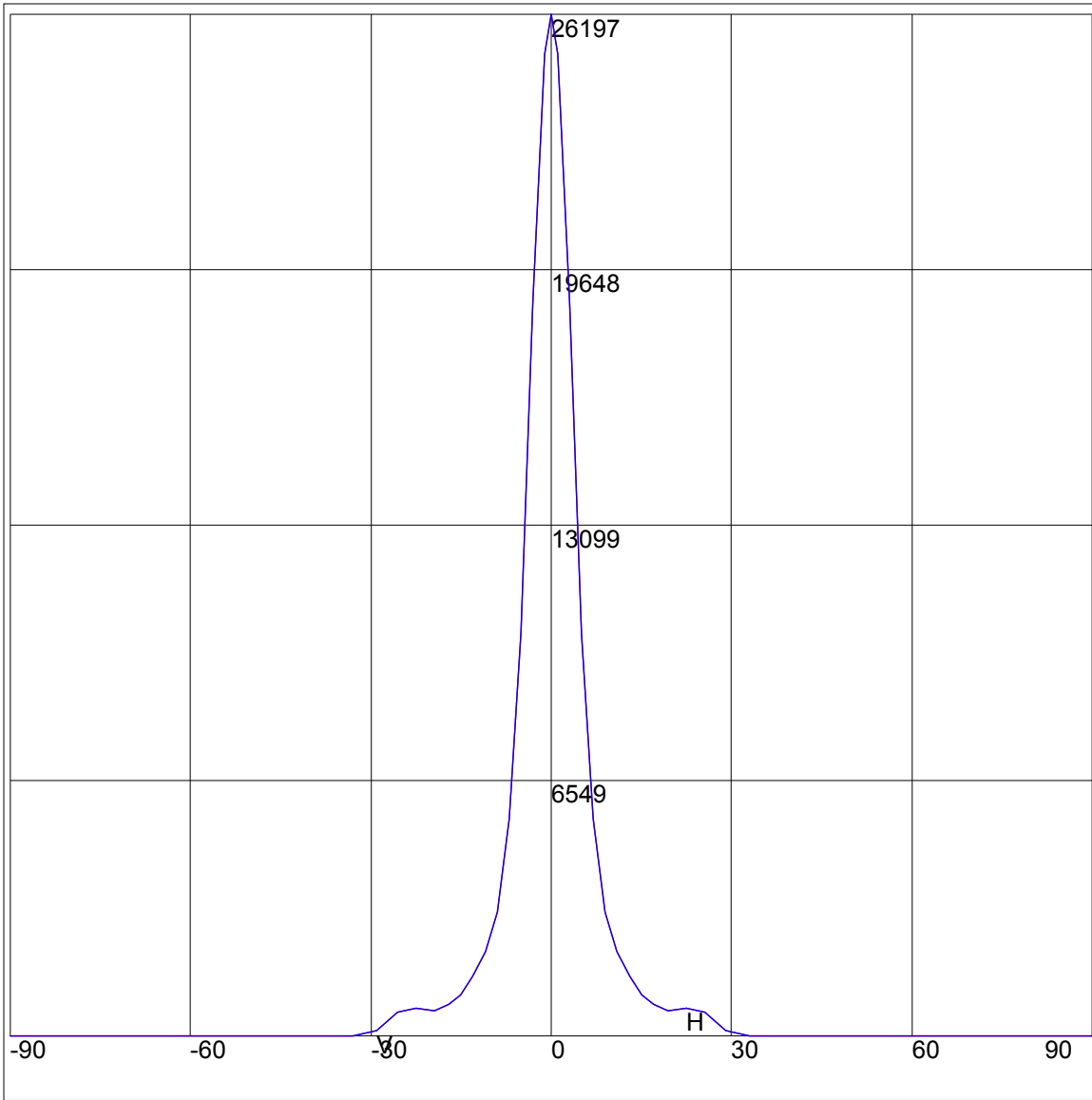
NEMA Type	2 H x 2 V
Maximum Candela	26197
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	8.7
Vertical Beam Angle (50%)	8.7
Horizontal Field Angle (10%)	20.2
Vertical Field Angle (10%)	20.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	295
Beam Efficiency	N.A.
Field Lumens	779
Field Efficiency	N.A.
Spill Lumens	628
Luminaire Lumens	1407
Total Efficiency	N.A.
Total Luminaire Watts	20.57
Ballast Factor	1.00

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AXIAL CANDELA

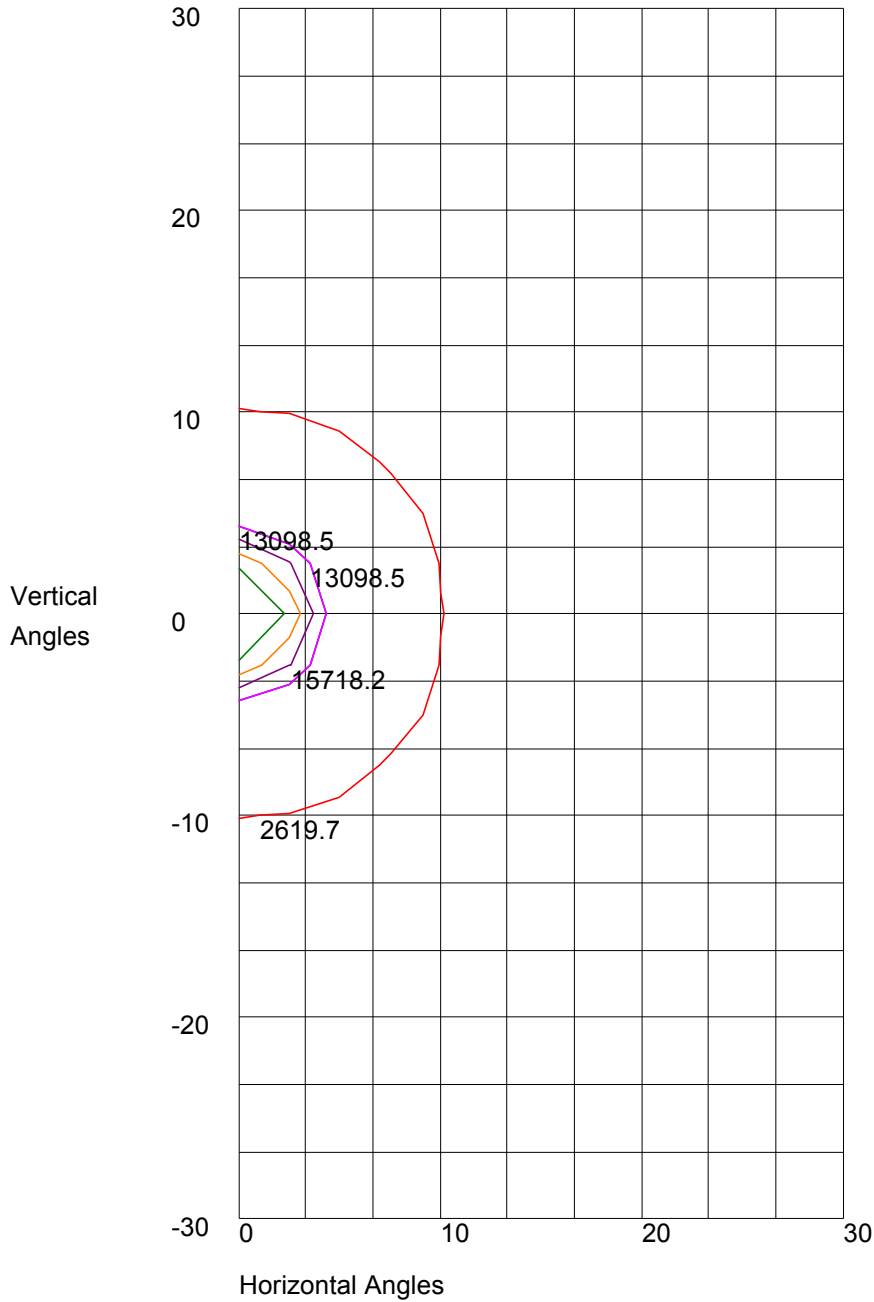
DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	7	85	7
75	8	75	8
65	9	65	9
55	10	55	10
47.5	11	47.5	11
42.5	12	42.5	12
37.5	15	37.5	15
33	28	33	28
29	139	29	139
25.5	633	25.5	633
22.5	708	22.5	708
19.5	669	19.5	669
17	812	17	812
15	1078	15	1078
13	1545	13	1545
11	2167	11	2167
9	3190	9	3190
7	5589	7	5589
5	10345	5	10345
3	18808	3	18808
1	25179	1	25179
0	26197	0	26197
-1	25179	-1	25179
-3	18808	-3	18808
-5	10345	-5	10345
-7	5589	-7	5589
-9	3190	-9	3190
-11	2167	-11	2167
-13	1545	-13	1545
-15	1078	-15	1078
-17	812	-17	812
-19.5	669	-19.5	669
-22.5	708	-22.5	708
-25.5	633	-25.5	633
-29	139	-29	139
-33	28	-33	28
-37.5	15	-37.5	15
-42.5	12	-42.5	12
-47.5	11	-47.5	11
-55	10	-55	10
-65	9	-65	9
-75	8	-75	8
-85	7	-85	7
-90	0	-90	0

AXIAL CANDELA DISPLAY



Maximum Candela = 26197 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 26197 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 13098.5  
10% Maximum Candela = 2619.7