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## Photometric Test Report

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : L021606614.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] L021606614  
[TESTLAB] LIGHT LABORATORY, INC.  
[ISSUEDATE] 3/4/2016  
[MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING  
[LUMCAT] RK91-B-MF-30-B-MV-CX-ND  
[LUMINAIRE] 12"DIA. X 12"H. LED Ingrade, MF Distribution  
[BALLASTCAT] ERP ESP040W-0900-42  
[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 L021606602.  
[MORE] PER CLIENT'S REQUEST, CANDELA AND ELECTRICAL VALUES ARE PRORATED  
[MORE] BY USING THE OUTPUT CURRENT RATIO OF THE DRIVER(0.89=800mA/900mA).  
[INPUT] 120VAC, 31.52W  
[TEST PROCEDURE] IESNA:LM-79-08

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

### CHARACTERISTICS

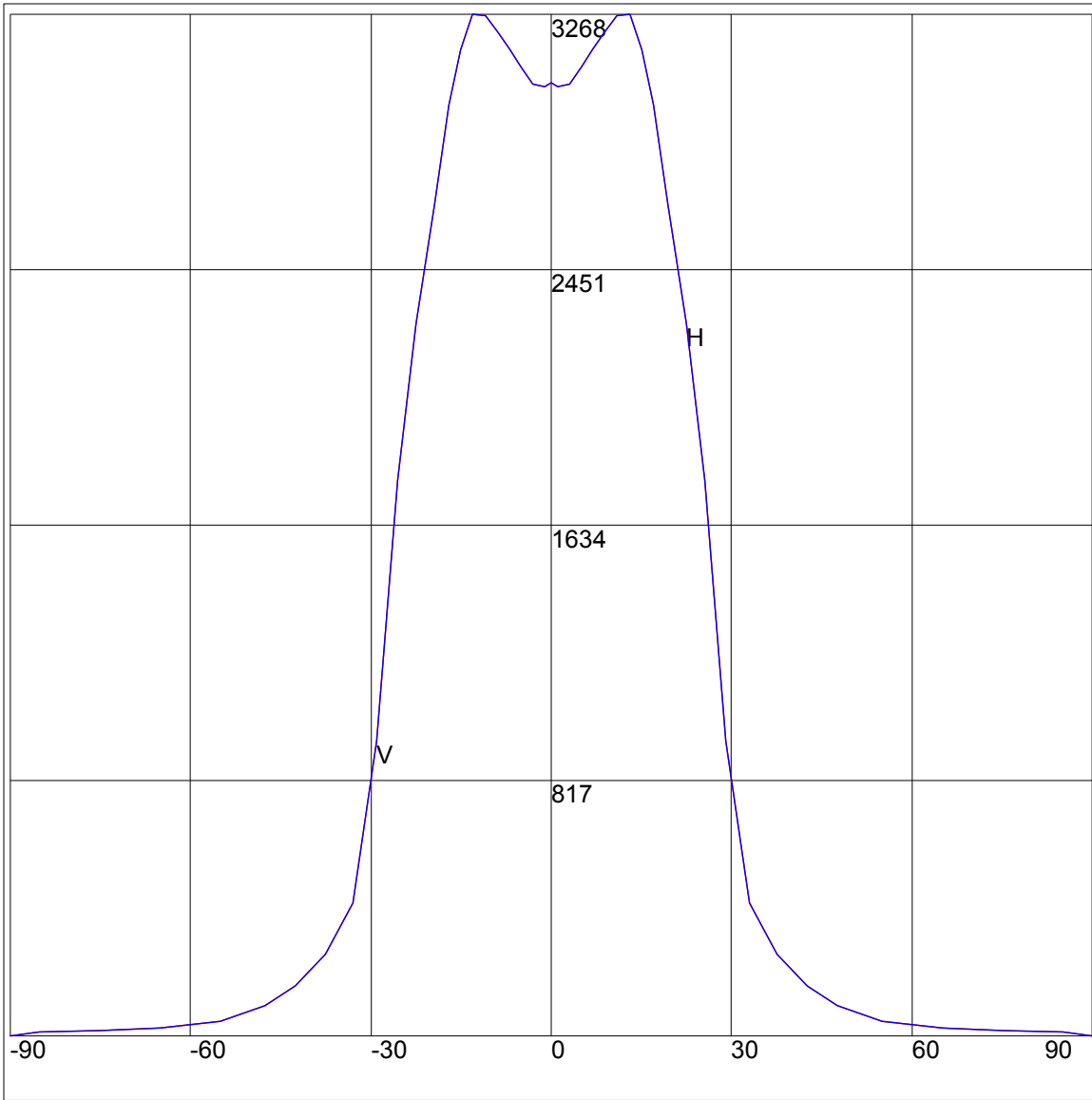
NEMA Type	5 H x 4 V
Maximum Candela	3268
Maximum Candela Angle	-13H -1V
Horizontal Beam Angle (50%)	52.2
Vertical Beam Angle (50%)	45.7
Horizontal Field Angle (10%)	71.5
Vertical Field Angle (10%)	67.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1708
Beam Efficiency	N.A.
Field Lumens	2138
Field Efficiency	N.A.
Spill Lumens	280
Luminaire Lumens	2418
Total Efficiency	N.A.
Total Luminaire Watts	31.52
Ballast Factor	1.00

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**AXIAL CANDELA**

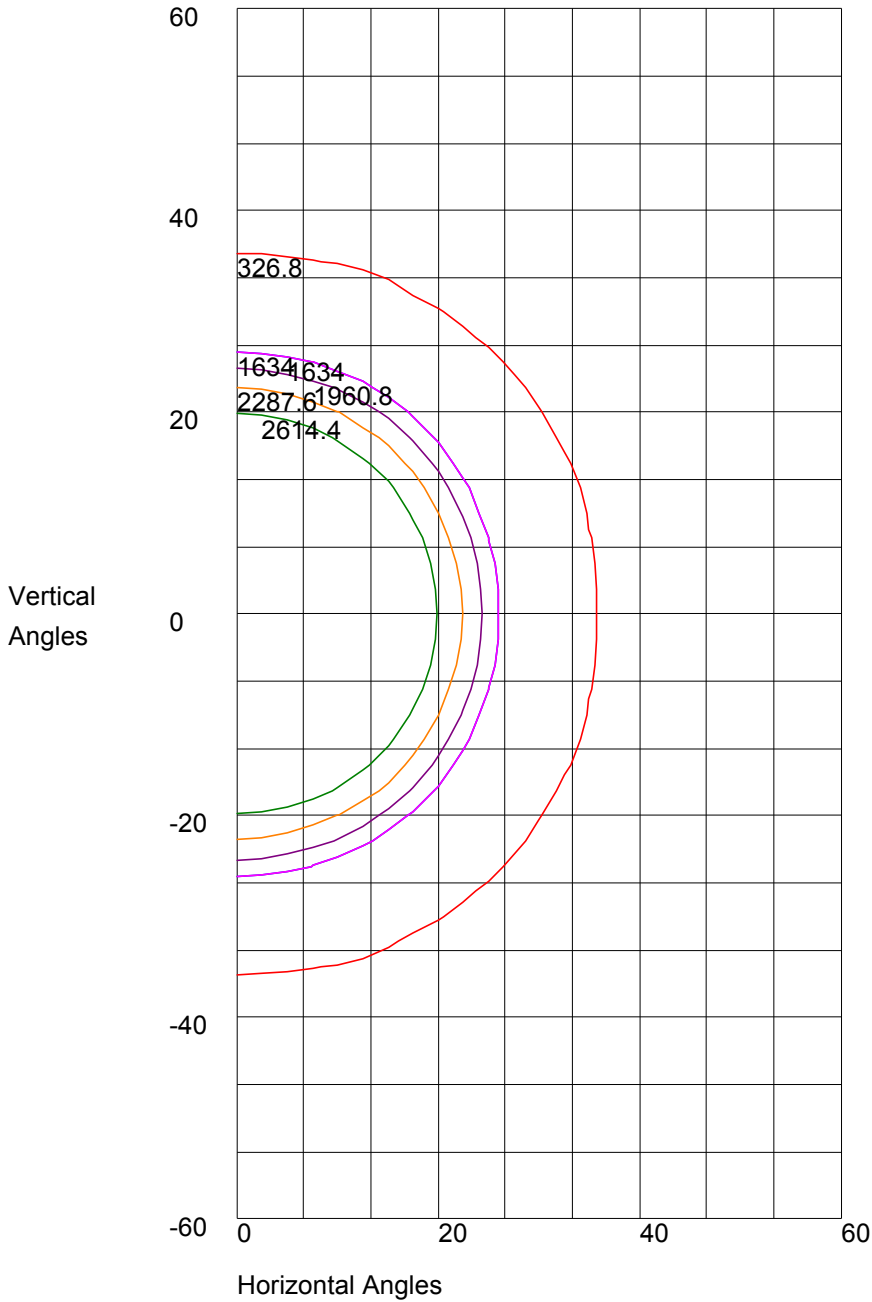
DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	14	85	14
75	17	75	17
65	26	65	26
55	50	55	50
47.5	97	47.5	97
42.5	163	42.5	163
37.5	263	37.5	263
33	426	33	426
29	943	29	943
25.5	1777	25.5	1777
22.5	2278	22.5	2278
19.5	2658	19.5	2658
17	2978	17	2978
15	3153	15	3153
13	3268	13	3268
11	3265	11	3265
9	3212	9	3212
7	3159	7	3159
5	3099	5	3099
3	3046	3	3046
1	3038	1	3038
0	3048	0	3048
-1	3038	-1	3038
-3	3046	-3	3046
-5	3099	-5	3099
-7	3159	-7	3159
-9	3212	-9	3212
-11	3265	-11	3265
-13	3268	-13	3268
-15	3153	-15	3153
-17	2978	-17	2978
-19.5	2658	-19.5	2658
-22.5	2278	-22.5	2278
-25.5	1777	-25.5	1777
-29	943	-29	943
-33	426	-33	426
-37.5	263	-37.5	263
-42.5	163	-42.5	163
-47.5	97	-47.5	97
-55	50	-55	50
-65	26	-65	26
-75	17	-75	17
-85	14	-85	14
-90	0	-90	0

AXIAL CANDELA DISPLAY



Maximum Candela = 3268 Located At Horizontal Angle =-13, Vertical Angle =-1  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3268 Located At Horizontal Angle =-13, Vertical Angle =-1  
50% Maximum Candela = 1634  
10% Maximum Candela = 326.8