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# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L021606617.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L021606617  
 [TESTLAB] LIGHT LABORATORY, INC.  
 [ISSUEDATE] 3/4/2016  
 [MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING  
 [LUMCAT] RK94-B-MF-30-B-MV-CX-ND  
 [LUMINAIRE] 8"DIA. X 8"H. LED Ingrade, MF 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 L021606605.  
 [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, 20.81W  
 [TEST PROCEDURE] IESNA:LM-79-08

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

**CHARACTERISTICS**

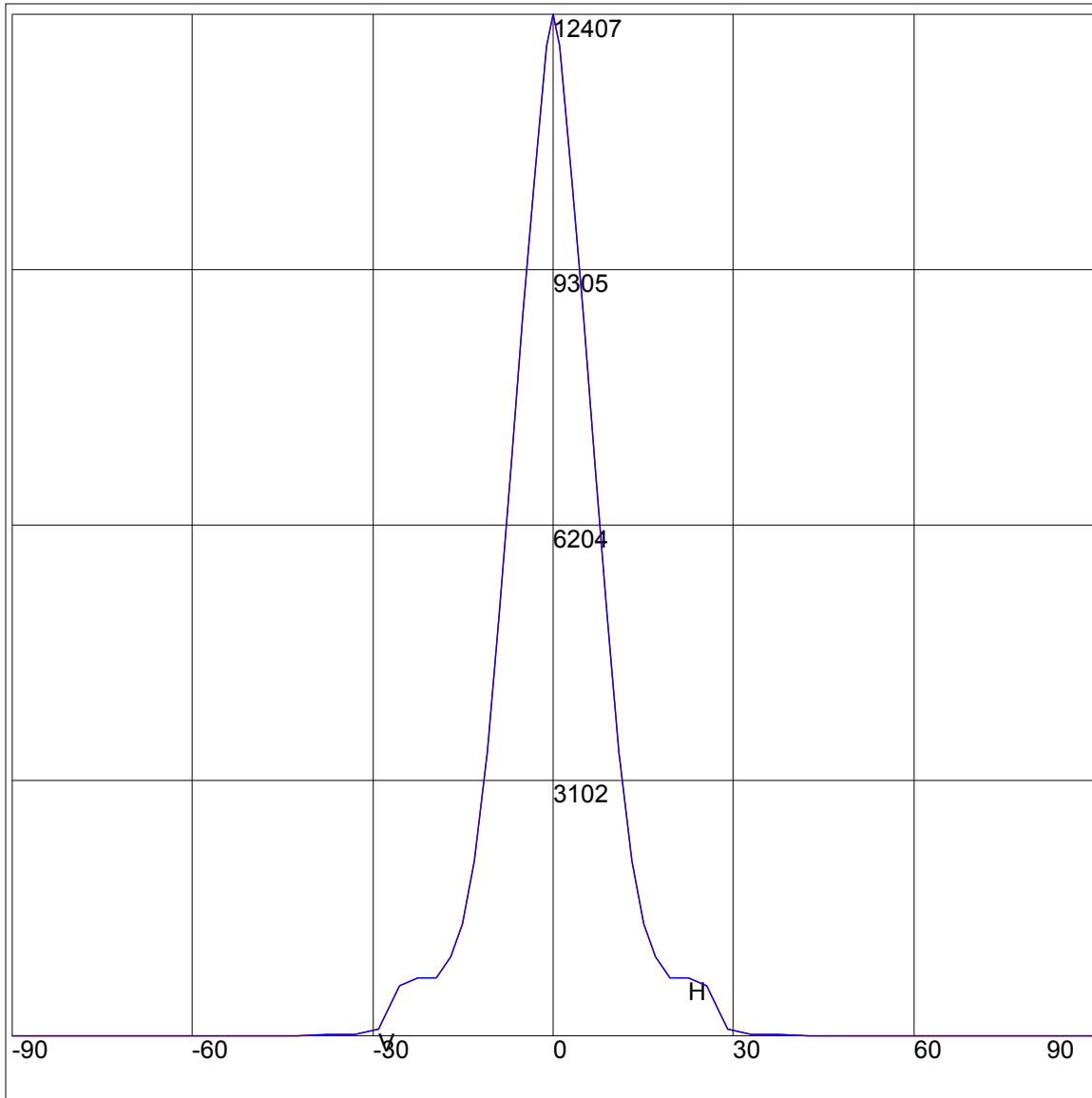
NEMA Type	3 H x 3 V
Maximum Candela	12407
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	15.6
Vertical Beam Angle (50%)	15.6
Horizontal Field Angle (10%)	31.2
Vertical Field Angle (10%)	31.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	470
Beam Efficiency	N.A.
Field Lumens	1009
Field Efficiency	N.A.
Spill Lumens	422
Luminaire Lumens	1431
Total Efficiency	N.A.
Total Luminaire Watts	20.81
Ballast Factor	1.00

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**AXIAL CANDELA**

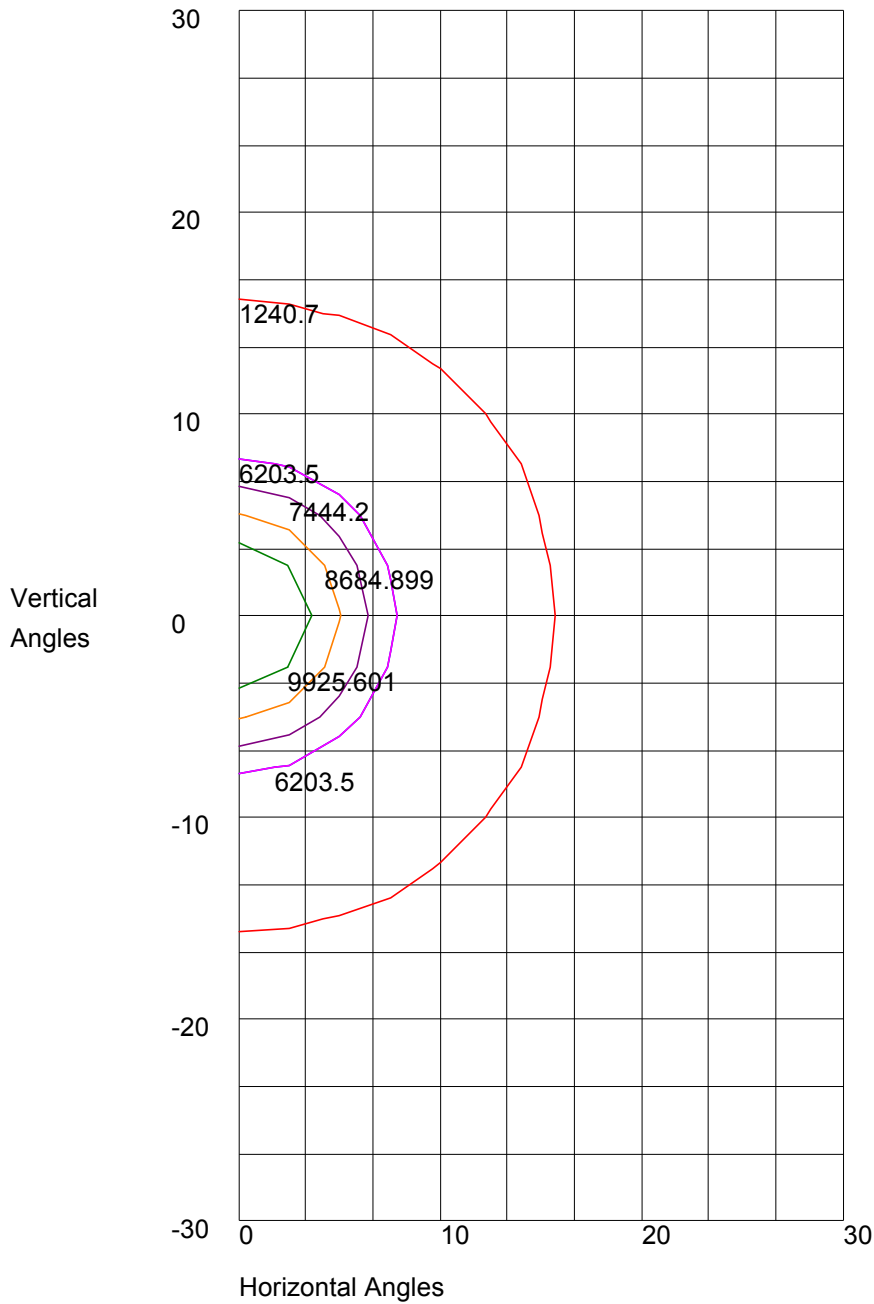
DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	7	85	7
75	8	75	8
65	9	65	9
55	11	55	11
47.5	13	47.5	13
42.5	15	42.5	15
37.5	19	37.5	19
33	28	33	28
29	87	29	87
25.5	612	25.5	612
22.5	714	22.5	714
19.5	714	19.5	714
17	963	17	963
15	1358	15	1358
13	2126	13	2126
11	3455	11	3455
9	5132	9	5132
7	6924	7	6924
5	8759	5	8759
3	10435	3	10435
1	12019	1	12019
0	12407	0	12407
-1	12019	-1	12019
-3	10435	-3	10435
-5	8759	-5	8759
-7	6924	-7	6924
-9	5132	-9	5132
-11	3455	-11	3455
-13	2126	-13	2126
-15	1358	-15	1358
-17	963	-17	963
-19.5	714	-19.5	714
-22.5	714	-22.5	714
-25.5	612	-25.5	612
-29	87	-29	87
-33	28	-33	28
-37.5	19	-37.5	19
-42.5	15	-42.5	15
-47.5	13	-47.5	13
-55	11	-55	11
-65	9	-65	9
-75	8	-75	8
-85	7	-85	7
-90	0	-90	0

AXIAL CANDELA DISPLAY



Maximum Candela = 12407 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 12407 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 6203.5  
10% Maximum Candela = 1240.7