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Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L021606608.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L021606608
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUEDATE] 3/3/2016
 [MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING
 [LUMCAT] RK91-B-MF-30-A-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(0.78=700mA/900mA).
 [INPUT] 120VAC, 27.63W
 [TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

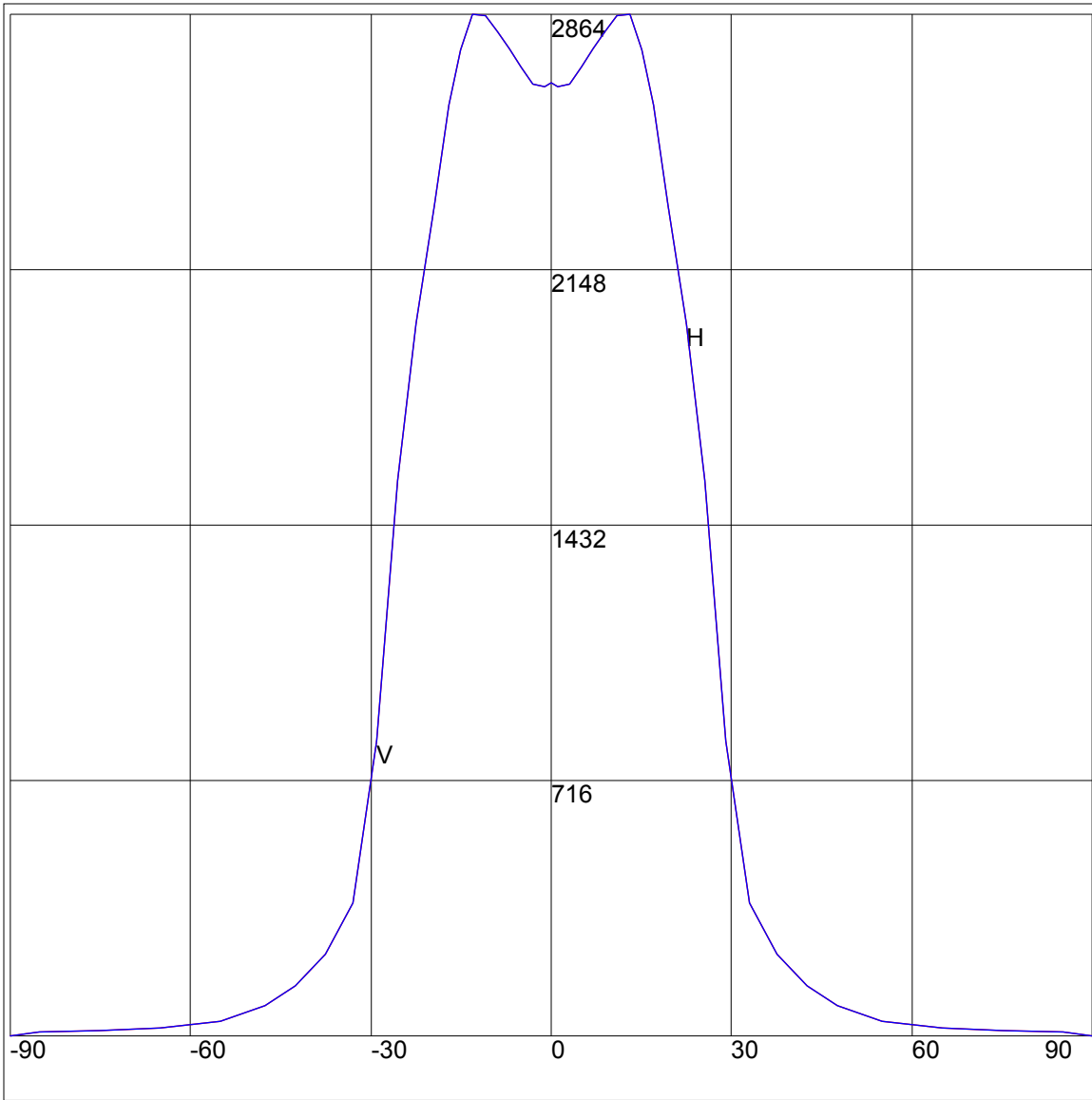
NEMA Type	5 H x 4 V
Maximum Candela	2864
Maximum Candela Angle	-13H -1V
Horizontal Beam Angle (50%)	52.2
Vertical Beam Angle (50%)	45.7
Horizontal Field Angle (10%)	71.5
Vertical Field Angle (10%)	67.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1497
Beam Efficiency	N.A.
Field Lumens	1874
Field Efficiency	N.A.
Spill Lumens	246
Luminaire Lumens	2120
Total Efficiency	N.A.
Total Luminaire Watts	27.63
Ballast Factor	1.00

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AXIAL CANDELA

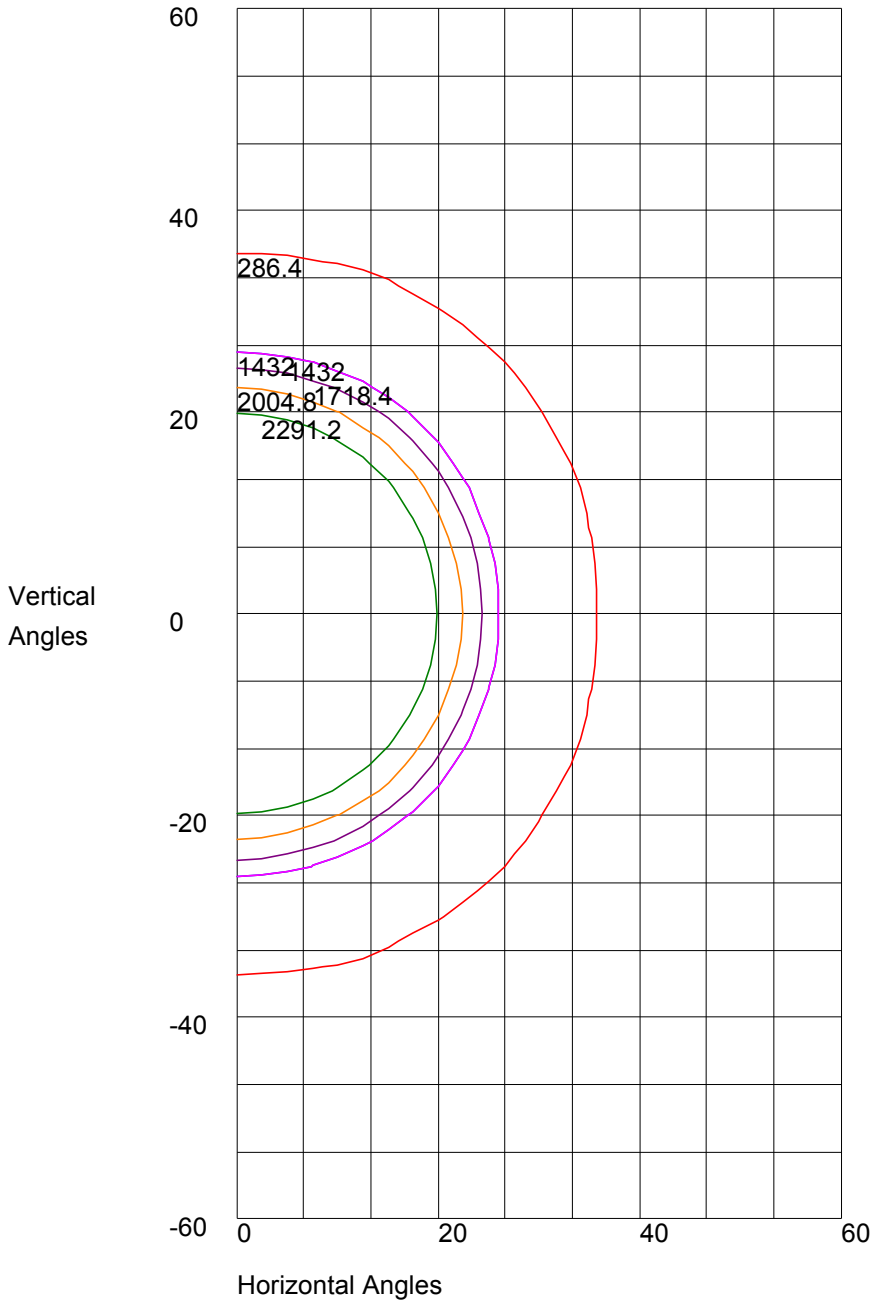
DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	12	85	12
75	15	75	15
65	23	65	23
55	44	55	44
47.5	85	47.5	85
42.5	143	42.5	143
37.5	231	37.5	231
33	374	33	374
29	827	29	827
25.5	1558	25.5	1558
22.5	1997	22.5	1997
19.5	2330	19.5	2330
17	2610	17	2610
15	2764	15	2764
13	2864	13	2864
11	2862	11	2862
9	2815	9	2815
7	2768	7	2768
5	2716	5	2716
3	2669	3	2669
1	2662	1	2662
0	2672	0	2672
-1	2662	-1	2662
-3	2669	-3	2669
-5	2716	-5	2716
-7	2768	-7	2768
-9	2815	-9	2815
-11	2862	-11	2862
-13	2864	-13	2864
-15	2764	-15	2764
-17	2610	-17	2610
-19.5	2330	-19.5	2330
-22.5	1997	-22.5	1997
-25.5	1558	-25.5	1558
-29	827	-29	827
-33	374	-33	374
-37.5	231	-37.5	231
-42.5	143	-42.5	143
-47.5	85	-47.5	85
-55	44	-55	44
-65	23	-65	23
-75	15	-75	15
-85	12	-85	12
-90	0	-90	0

AXIAL CANDELA DISPLAY



Maximum Candela = 2864 Located At Horizontal Angle =-13, Vertical Angle =-1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2864 Located At Horizontal Angle =-13, Vertical Angle =-1
50% Maximum Candela = 1432
10% Maximum Candela = 286.4