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Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L10121302.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L10121302
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 10/30/2012
[MANUFAC] Lumateq
[LUMCAT] LB-120
[LUMINAIRE] 11-1/2"L. X 14-1/4"W. X 7-1/2"H. LED FLOOD LIGHT
[MORE] 40 DAYLIGHT LEDS WITH CLEAR TEMPERED GLASS
[BALLASTCAT] YIGUANG TECH LD100W-36-C2800
[BALLAST] INPUT: 90-305VAC, 50/60Hz, 1.5Amax OUTPUT: 12-36VDC, 2800mA, 100Wmax
[LAMPCAT] N/A
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 110VAC, 90.90W
[_TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

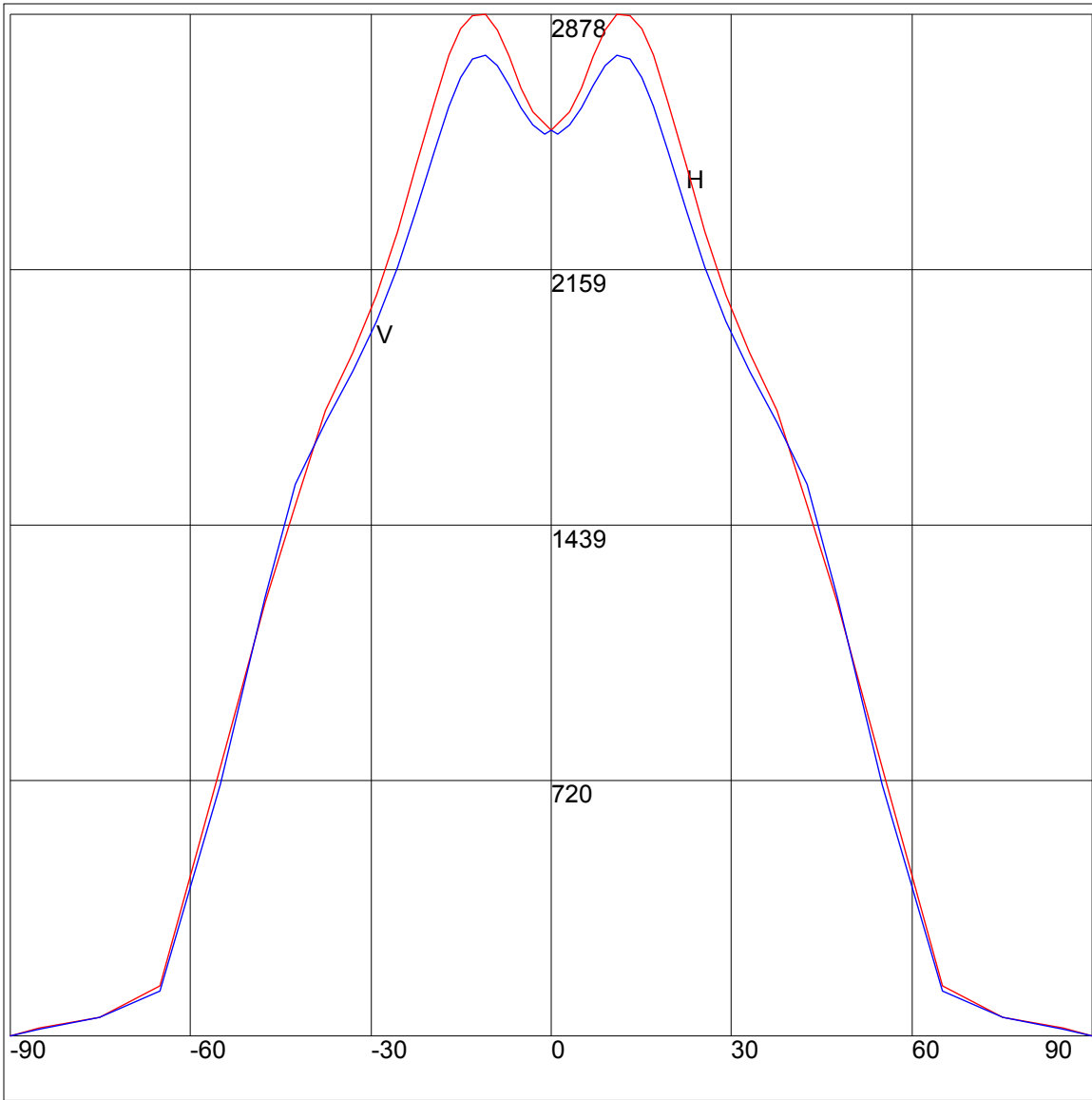
NEMA Type	6 H x 6 V
Maximum Candela	2878
Maximum Candela Angle	-11H 0V
Horizontal Beam Angle (50%)	87.0
Vertical Beam Angle (50%)	87.1
Horizontal Field Angle (10%)	125.3
Vertical Field Angle (10%)	123.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3654
Beam Efficiency	N.A.
Field Lumens	5098
Field Efficiency	N.A.
Spill Lumens	180
Luminaire Lumens	5278
Total Efficiency	N.A.
Total Luminaire Watts	90.9
Ballast Factor	1.00

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AXIAL CANDELA

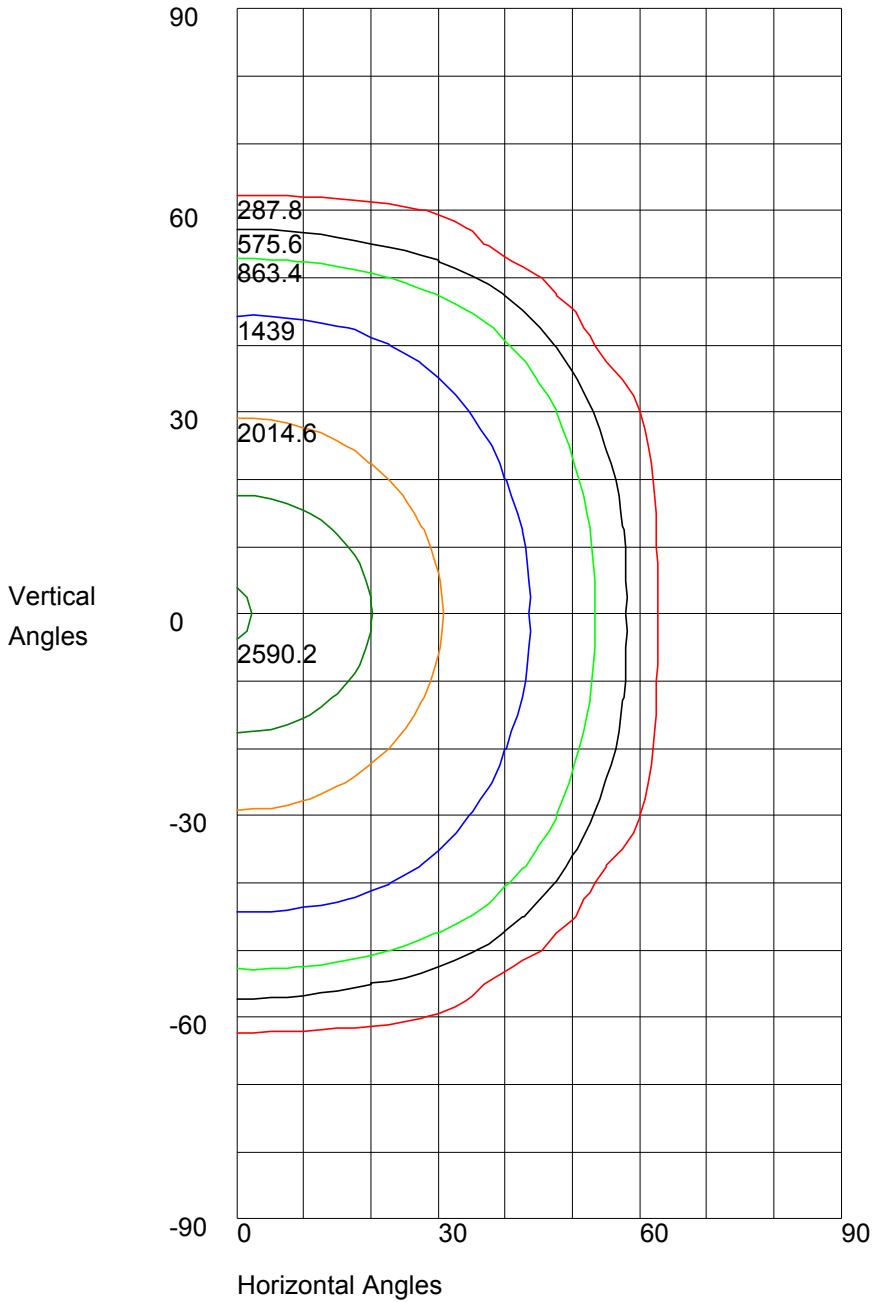
DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	23	85	21
75	55	75	54
65	144	65	128
55	759	55	708
47.5	1223	47.5	1236
42.5	1494	42.5	1556
37.5	1763	37.5	1730
33	1926	33	1873
29	2090	29	2013
25.5	2268	25.5	2168
22.5	2451	22.5	2327
19.5	2630	19.5	2491
17	2764	17	2620
15	2836	15	2701
13	2876	13	2752
11	2878	11	2763
9	2835	9	2732
7	2758	7	2677
5	2671	5	2616
3	2604	3	2565
1	2572	1	2540
0	2552	0	2552
-1	2572	-1	2540
-3	2604	-3	2565
-5	2671	-5	2616
-7	2758	-7	2677
-9	2835	-9	2732
-11	2878	-11	2763
-13	2876	-13	2752
-15	2836	-15	2701
-17	2764	-17	2620
-19.5	2630	-19.5	2491
-22.5	2451	-22.5	2327
-25.5	2268	-25.5	2168
-29	2090	-29	2013
-33	1926	-33	1873
-37.5	1763	-37.5	1730
-42.5	1494	-42.5	1556
-47.5	1223	-47.5	1236
-55	759	-55	708
-65	144	-65	128
-75	55	-75	54
-85	23	-85	21
-90	0	-90	0

AXIAL CANDELA DISPLAY



Maximum Candela = 2878 Located At Horizontal Angle = -11, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2878 Located At Horizontal Angle = -11, Vertical Angle = 0
50% Maximum Candela = 1439
10% Maximum Candela = 287.8