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Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L08121501.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L08121501
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUEDATE] 8/8/2012
[MANUFAC] LUMATEQ
[LUMCAT] LB10
[LUMINAIRE] 8-1/2"L. X 3-1/4"W. X 10"H. 15.5W LED BLASTER LIGHT
[MORE] ONE LED MODULE WITH 12 5700K LEDS, ALUMINUM REFLECTOR
[MORE] WITH CLEAR POLYCARBONATE LENS
[BALLASTCAT] YIGUANG TECH LD20W-36-C0550
[BALLAST] INPUT: 100/277VAC, 0.3A, 50/60Hz OUTPUT: 18-36VDC, 0.550ADC
[LAMPPOSITION] 0,0
[LAMPCAT] 5700K LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 110VAC, 16.37W
[_TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

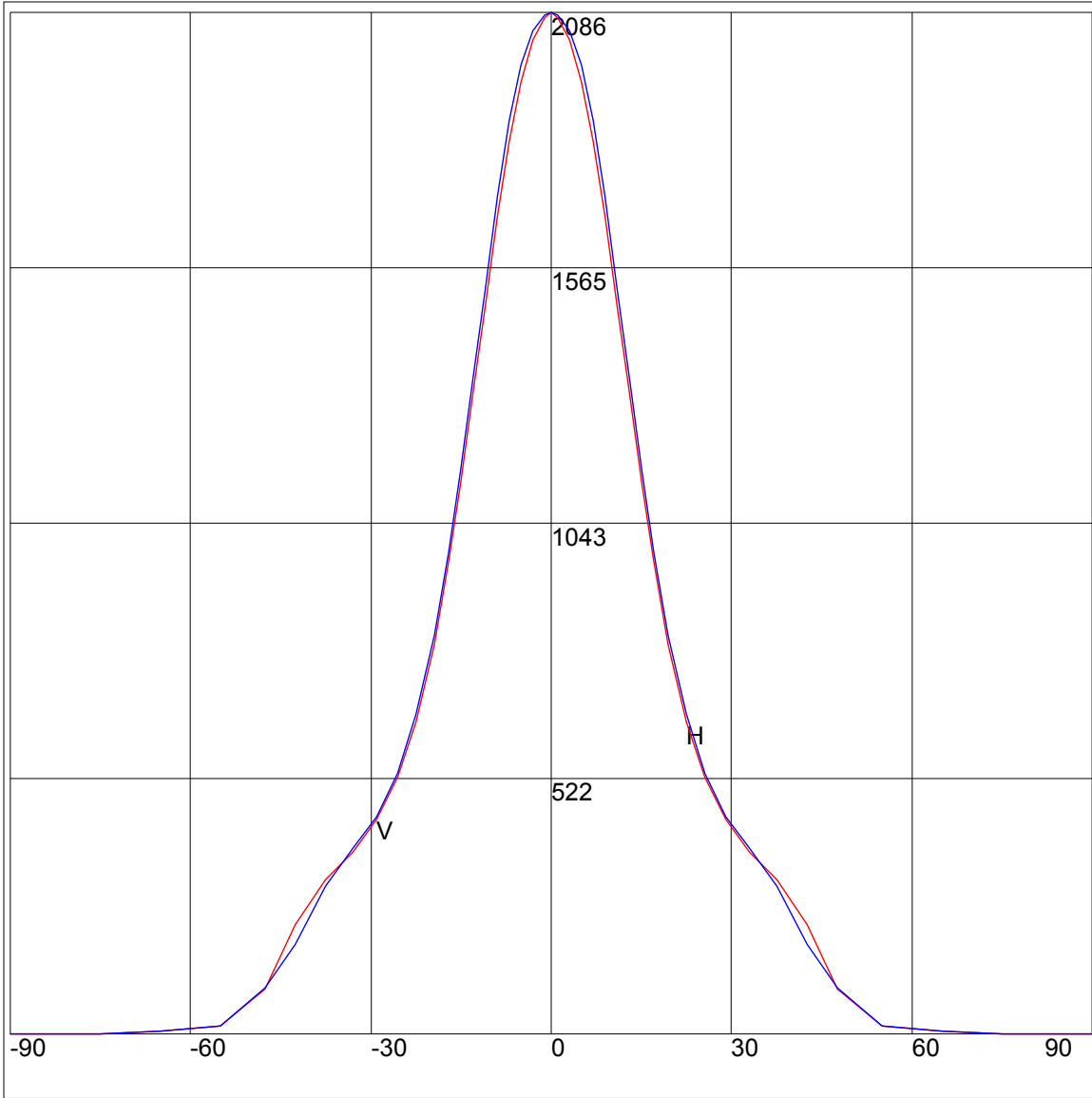
NEMA Type	5 H x 5 V
Maximum Candela	2086.1
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	32.1
Vertical Beam Angle (50%)	32.6
Horizontal Field Angle (10%)	86.2
Vertical Field Angle (10%)	83.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	378
Beam Efficiency	N.A.
Field Lumens	1026
Field Efficiency	N.A.
Spill Lumens	101
Luminaire Lumens	1127
Total Efficiency	N.A.
Total Luminaire Watts	16.37
Ballast Factor	1.00

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AXIAL CANDELA

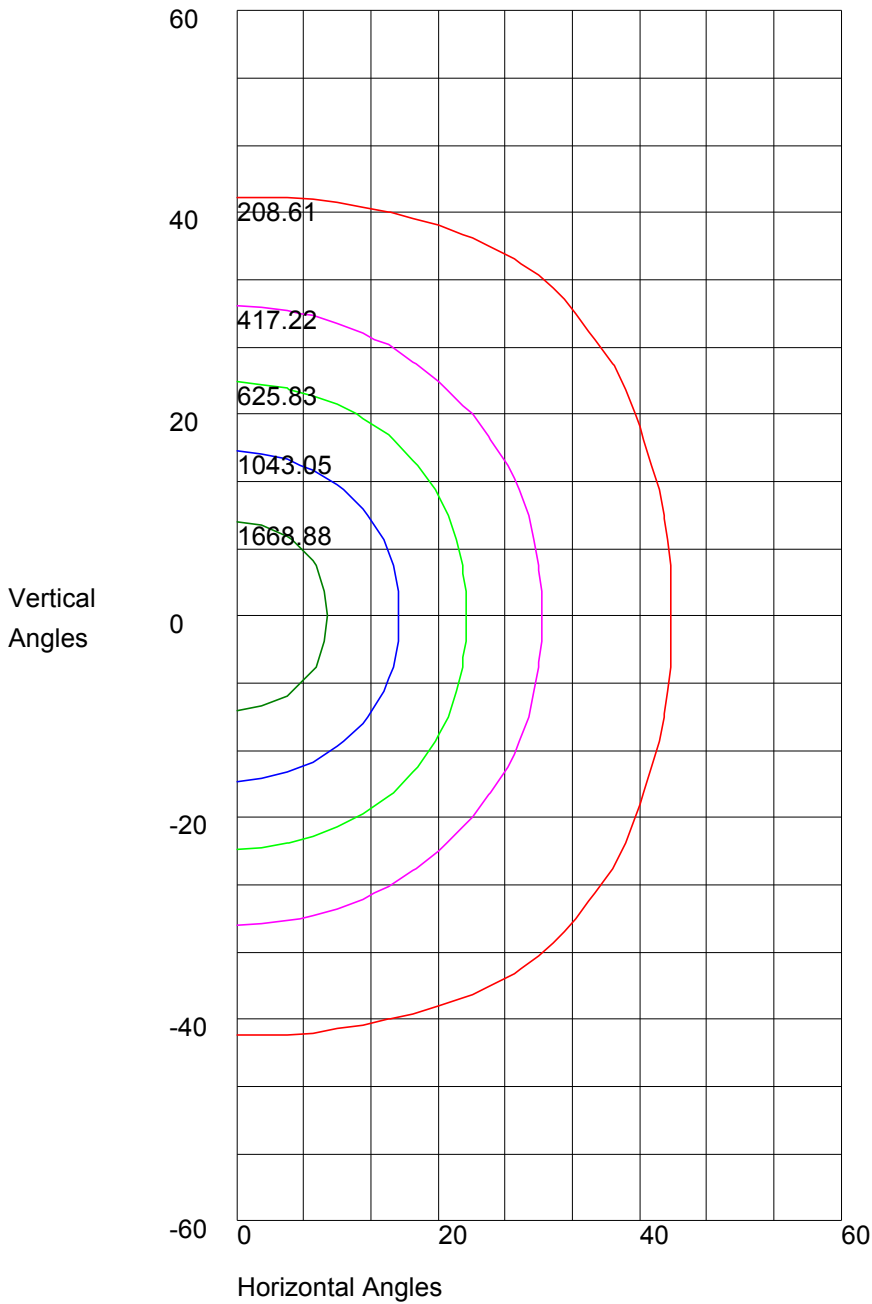
DEG.	HOR.	DEG.	VERT.
90	.19	90	.23
85	.51	85	.57
75	2.59	75	2.55
65	6.12	65	5.94
55	17.25	55	18.34
47.5	93.09	47.5	94.6
42.5	223.83	42.5	185.27
37.5	315.62	37.5	301.14
33	372.35	33	380.03
29	438.77	29	445.17
25.5	524.67	25.5	533.89
22.5	636.7	22.5	653.14
19.5	796.03	19.5	814
17	968	17	988.11
15	1124.35	15	1150.52
13	1301.05	13	1331.46
11	1490.88	11	1523.66
9	1669.75	9	1709.54
7	1822.32	7	1865.06
5	1942.49	5	1978.04
3	2028.47	3	2049.44
1	2074.15	1	2080.71
0	2086.1	0	2086.1
-1	2074.15	-1	2080.71
-3	2028.47	-3	2049.44
-5	1942.49	-5	1978.04
-7	1822.32	-7	1865.06
-9	1669.75	-9	1709.54
-11	1490.88	-11	1523.66
-13	1301.05	-13	1331.46
-15	1124.35	-15	1150.52
-17	968	-17	988.11
-19.5	796.03	-19.5	814
-22.5	636.7	-22.5	653.14
-25.5	524.67	-25.5	533.89
-29	438.77	-29	445.17
-33	372.35	-33	380.03
-37.5	315.62	-37.5	301.14
-42.5	223.83	-42.5	185.27
-47.5	93.09	-47.5	94.6
-55	17.25	-55	18.34
-65	6.12	-65	5.94
-75	2.59	-75	2.55
-85	.51	-85	.57
-90	.19	-90	.23

AXIAL CANDELA DISPLAY



Maximum Candela = 2086.1 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2086.1 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 1043.05
10% Maximum Candela = 208.61