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## Photometric Test Report

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : L08121503R02.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] L08121503R02  
[TESTLAB] LIGHT LABORATORY, INC.  
[ISSUE DATE] 8/10/2012  
[MANUFAC] LUMATEQ  
[LUMCAT] LB40  
[LUMINAIRE] 8-1/2"L. X 3-1/4"W. X 10"H. 60W 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, 32.70W  
[ TEST PROCEDURE] IESNA:LM-79-08

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

### CHARACTERISTICS

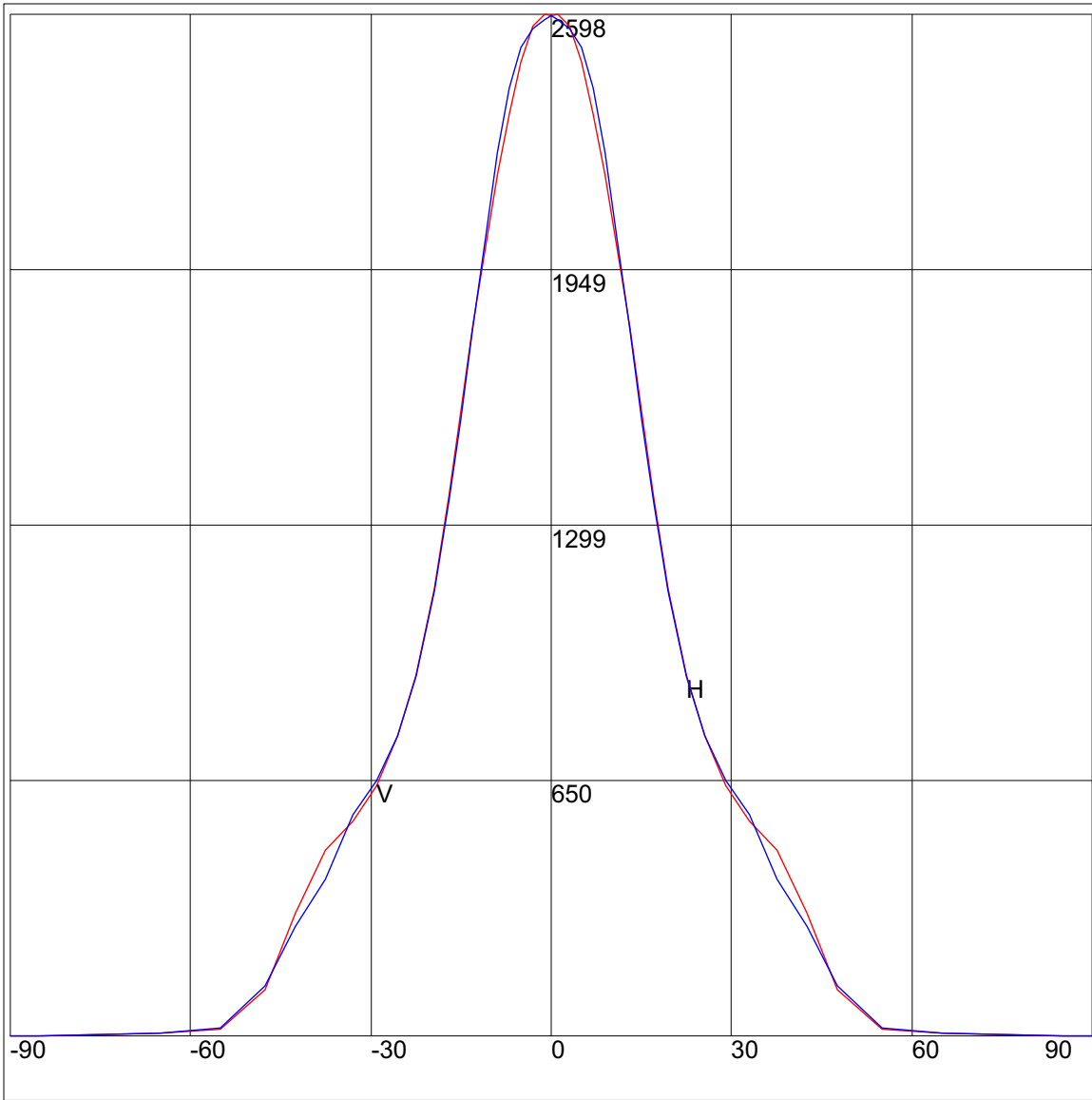
NEMA Type	5 H x 5 V
Maximum Candela	2598.31
Maximum Candela Angle	-1H 0V
Horizontal Beam Angle (50%)	35.6
Vertical Beam Angle (50%)	35.3
Horizontal Field Angle (10%)	87.7
Vertical Field Angle (10%)	86.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	563
Beam Efficiency	N.A.
Field Lumens	1445
Field Efficiency	N.A.
Spill Lumens	124
Luminaire Lumens	1569
Total Efficiency	N.A.
Total Luminaire Watts	32.7
Ballast Factor	1.00

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**AXIAL CANDELA**

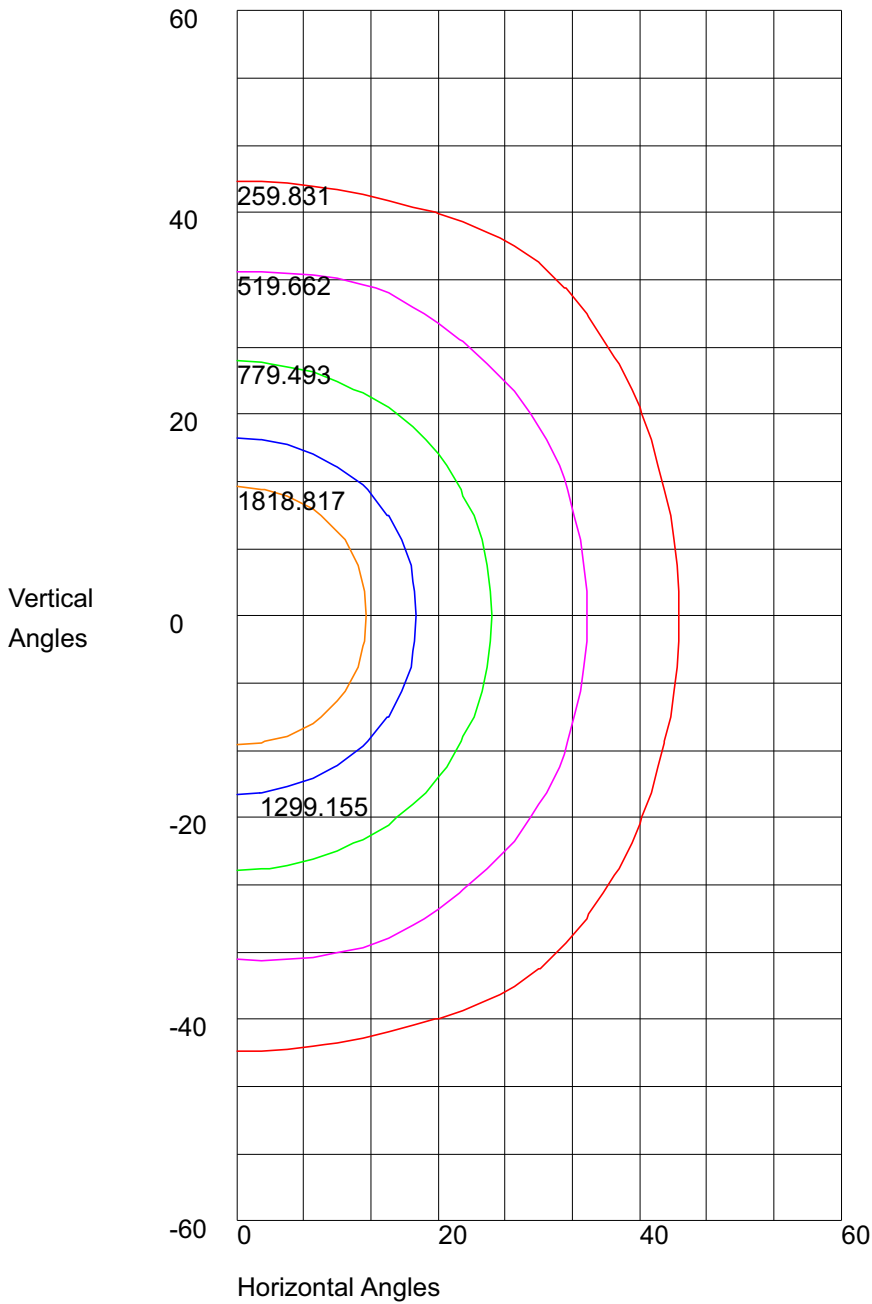
DEG.	HOR.	DEG.	VERT.
90	.2	90	.33
85	.59	85	.72
75	3.65	75	3.88
65	8.73	65	8.8
55	19.93	55	21.5
47.5	118.48	47.5	129.43
42.5	311.14	42.5	280.55
37.5	473.33	37.5	400.65
33	547.89	33	562.26
29	638.32	29	649.16
25.5	764.57	25.5	764.71
22.5	919.72	22.5	915.31
19.5	1137.95	19.5	1132.12
17	1374.12	17	1361.41
15	1583.8	15	1565.61
13	1800.3	13	1794.2
11	2007.53	11	2030.5
9	2188.51	9	2247.25
7	2344.12	7	2411.99
5	2477.45	5	2513.84
3	2569.29	3	2562.65
1	2598.31	1	2584.81
0	2594.42	0	2594.42
-1	2598.31	-1	2584.81
-3	2569.29	-3	2562.65
-5	2477.45	-5	2513.84
-7	2344.12	-7	2411.99
-9	2188.51	-9	2247.25
-11	2007.53	-11	2030.5
-13	1800.3	-13	1794.2
-15	1583.8	-15	1565.61
-17	1374.12	-17	1361.41
-19.5	1137.95	-19.5	1132.12
-22.5	919.72	-22.5	915.31
-25.5	764.57	-25.5	764.71
-29	638.32	-29	649.16
-33	547.89	-33	562.26
-37.5	473.33	-37.5	400.65
-42.5	311.14	-42.5	280.55
-47.5	118.48	-47.5	129.43
-55	19.93	-55	21.5
-65	8.73	-65	8.8
-75	3.65	-75	3.88
-85	.59	-85	.72
-90	.2	-90	.33

AXIAL CANDELA DISPLAY



Maximum Candela = 2598.31 Located At Horizontal Angle = -1, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2598.31 Located At Horizontal Angle = -1, Vertical Angle = 0  
50% Maximum Candela = 1299.155  
10% Maximum Candela = 259.831