



**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : LLI100806C.IES**

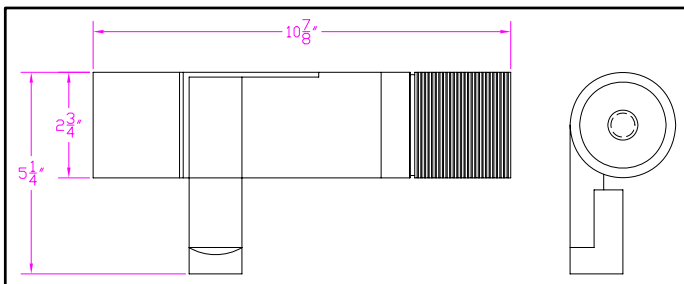
**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] LLI 1008-06C  
[TESTLAB] LIGHT LABORATORY INC  
[ISSUEDATE] 10/27/2008  
[MANUFAC] HK LIGHTING GROUP  
[LUMCAT] ZX20i-T6 70/WIDE  
[LUMINAIRE] 10-7/8"L.X 2-3/4"W. X 5-1/4"H. FLOOD & AREA FIXTURE  
[MORE] WIDE BEAM REFLECTOR, FLAT TEMPERED GLASS LENS  
[BALLASTCAT] HATCH MC70-1-F-UNNS  
[BALLAST] 108-305V 50/60Hz ELECTRONIC  
[LAMPPOSITION] 0,0  
[LAMPCAT] GE CMH70/T/U/830/G12  
[LAMPLUM] 6200  
[INPUT] 120VAC, 77.31W

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

**CHARACTERISTICS**

IES NEMA Type	6 H x 6 V
Maximum Candela	2302
Maximum Candela Angle	-19.5H -1V
Horizontal Beam Angle (50%)	76.8
Vertical Beam Angle (50%)	67.5
Horizontal Field Angle (10%)	105.4
Vertical Field Angle (10%)	101.4
Total Rated Lamp Lumens	6200
Beam Lumens	2621.28
Beam Efficiency	42.28%
Field Lumens	3305.6
Field Efficiency	53.32%
Spill Lumens	155.99
Total Lumens	3461.59
Total Efficiency	55.83%
Total Luminaire Watts	77
Ballast Factor	1.00

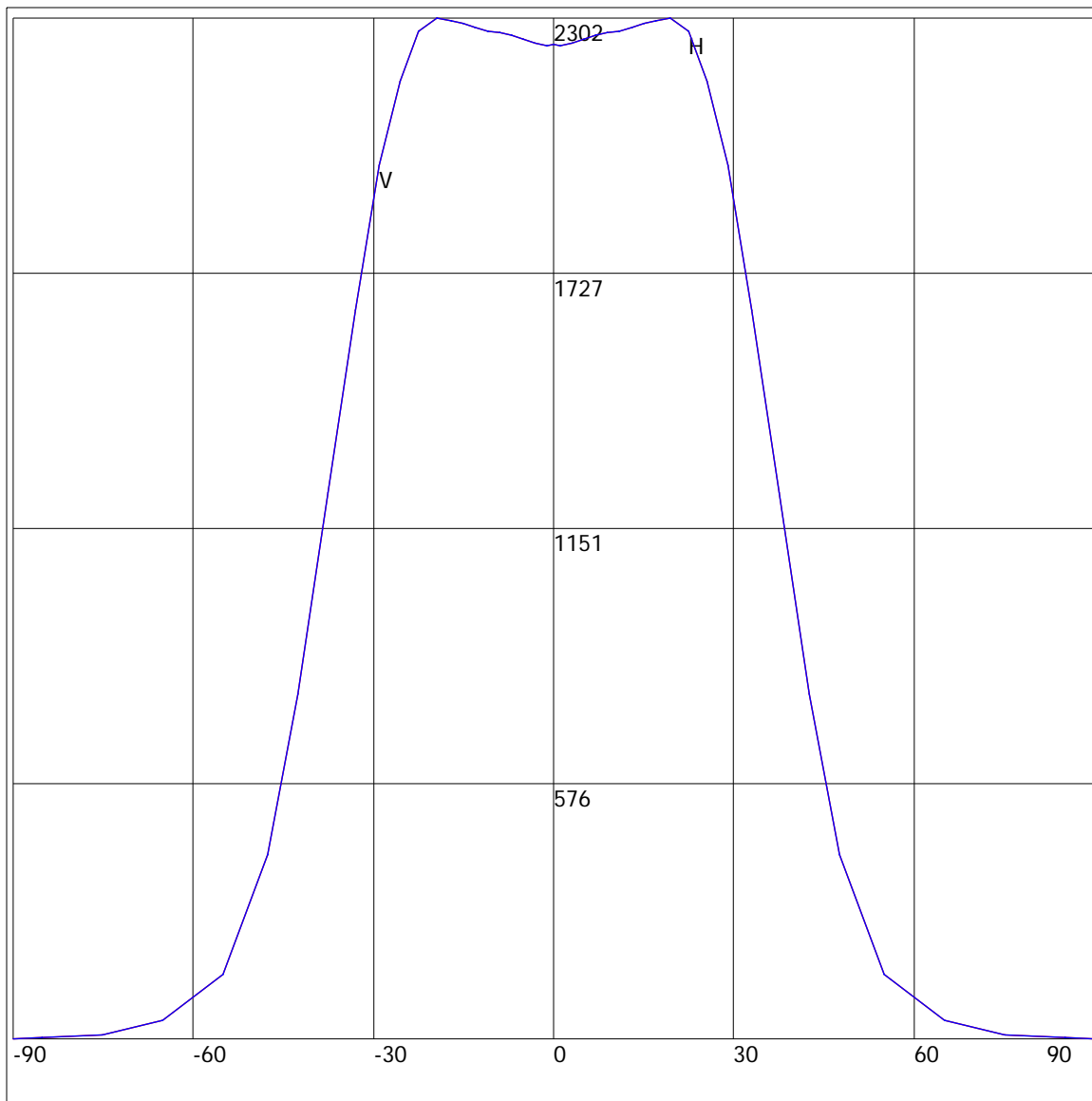


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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	4	85	4
75	10	75	10
65	42	65	42
55	147	55	147
47.5	416	47.5	416
42.5	779	42.5	779
37.5	1232	37.5	1232
33	1643	33	1643
29	1970	29	1970
25.5	2161	25.5	2161
22.5	2271	22.5	2271
19.5	2302	19.5	2302
17	2297	17	2297
15	2290	15	2290
13	2280	13	2280
11	2273	11	2273
9	2268	9	2268
7	2263	7	2263
5	2256	5	2256
3	2245	3	2245
1	2241	1	2241
0	2244	0	2244
-1	2241	-1	2241
-3	2245	-3	2245
-5	2256	-5	2256
-7	2263	-7	2263
-9	2268	-9	2268
-11	2273	-11	2273
-13	2280	-13	2280
-15	2290	-15	2290
-17	2297	-17	2297
-19.5	2302	-19.5	2302
-22.5	2271	-22.5	2271
-25.5	2161	-25.5	2161
-29	1970	-29	1970
-33	1643	-33	1643
-37.5	1232	-37.5	1232
-42.5	779	-42.5	779
-47.5	416	-47.5	416
-55	147	-55	147
-65	42	-65	42
-75	10	-75	10
-85	4	-85	4
-90	0	-90	0

AXIAL CANDELA DISPLAY

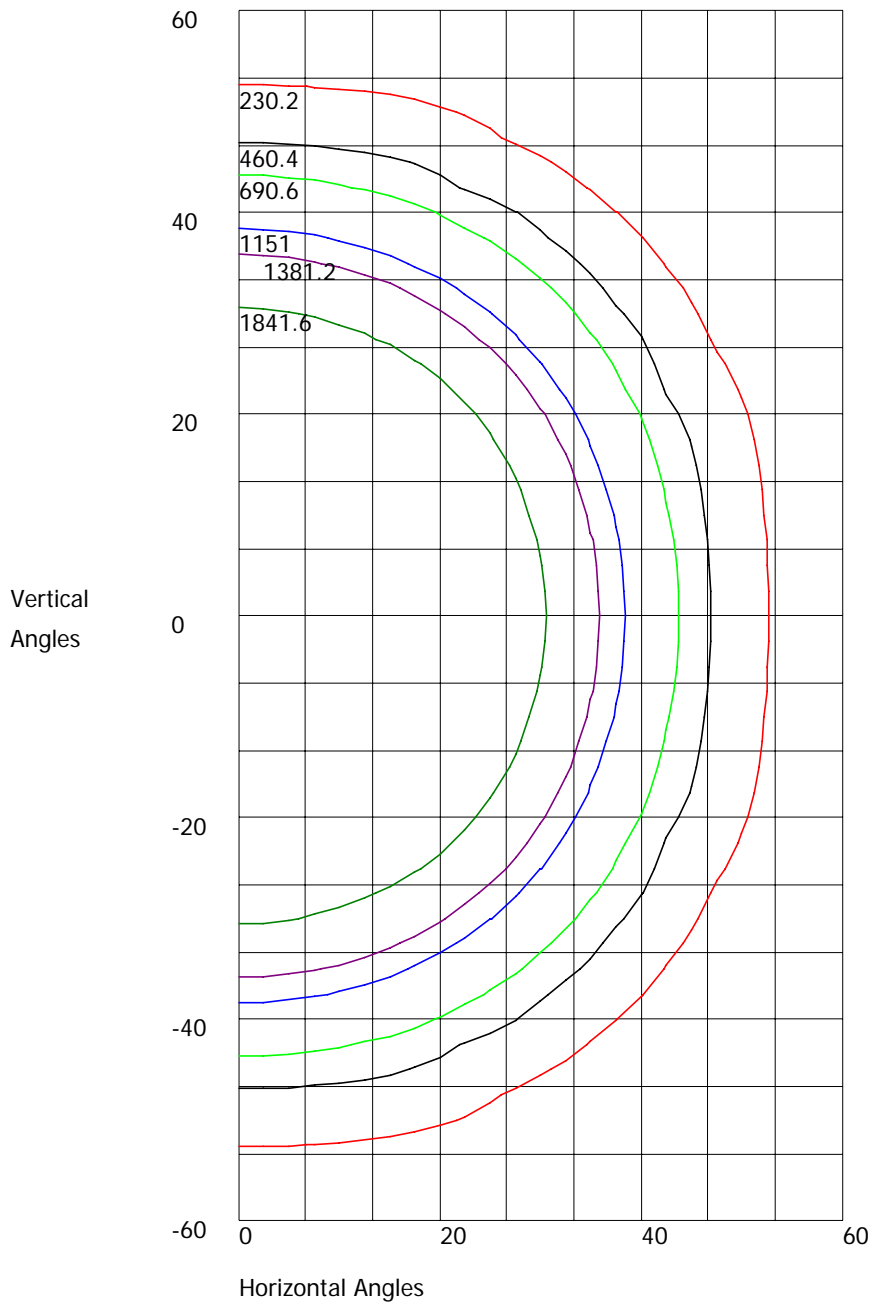


Maximum Candela = 2302 Located At Horizontal Angle = -19.5, Vertical Angle = -1

H - Horizontal Axial Candela

V - Vertical Axial Candela

### ISOCANDELA CURVES



Maximum Candela = 2302 Located At Horizontal Angle = -19.5, Vertical Angle = -1  
50% Maximum Candela = 1151  
10% Maximum Candela = 230.2