

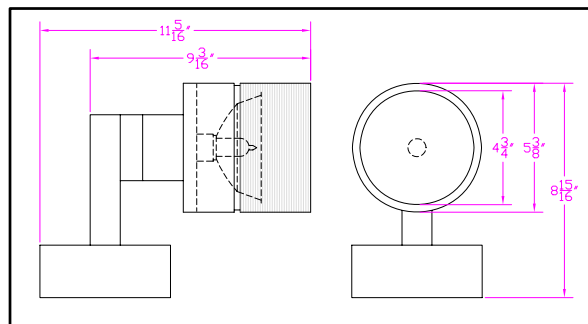
**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : LLI100906C.IES**
**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] LLI 1009-06C  
 [TESTLAB] LIGHT LABORATORY INC  
 [ISSUE DATE] 10/12/2009  
 [MANUFAC] HK LIGHTING GROUP  
 [LUMCAT] ZX38-CT6-70-W  
 [LUMINAIRE] 11-5/16"L. X 5-3/8"DIA. X 8-15/16"H. FLOOD LIGHT  
 [MORE] WIDE BEAM SPREAD REFLECTOR  
 [MORE] FLAT TEMPERED GLASS LENS  
 [BALLASTCAT] HATCH MC70-1-F-UNNU  
 [BALLAST] 108 TO 305VAC 50/60Hz ELECTRONIC  
 [LAMPPOSITION] 0,0  
 [LAMPCAT] GE CMH70/T/U/830/G12  
 [\_LAMPLUM] 6200  
 [\_INPUT] 120VAC, 78.71W

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

**CHARACTERISTICS**

IES NEMA Type	4 H x 4 V
Maximum Candela	5983
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	32.5
Vertical Beam Angle (50%)	32.5
Horizontal Field Angle (10%)	64.7
Vertical Field Angle (10%)	64.7
Lumens Per Lamp	6200 (1 lamp)
Total Lumens	6200
Beam Lumens	1070
Beam Efficiency	17 %
Field Lumens	2054
Field Efficiency	33 %
Spill Lumens	422
Total Lumens	2476
Total Efficiency	40 %
Total Luminaire Watts	78.71
Ballast Factor	1.00



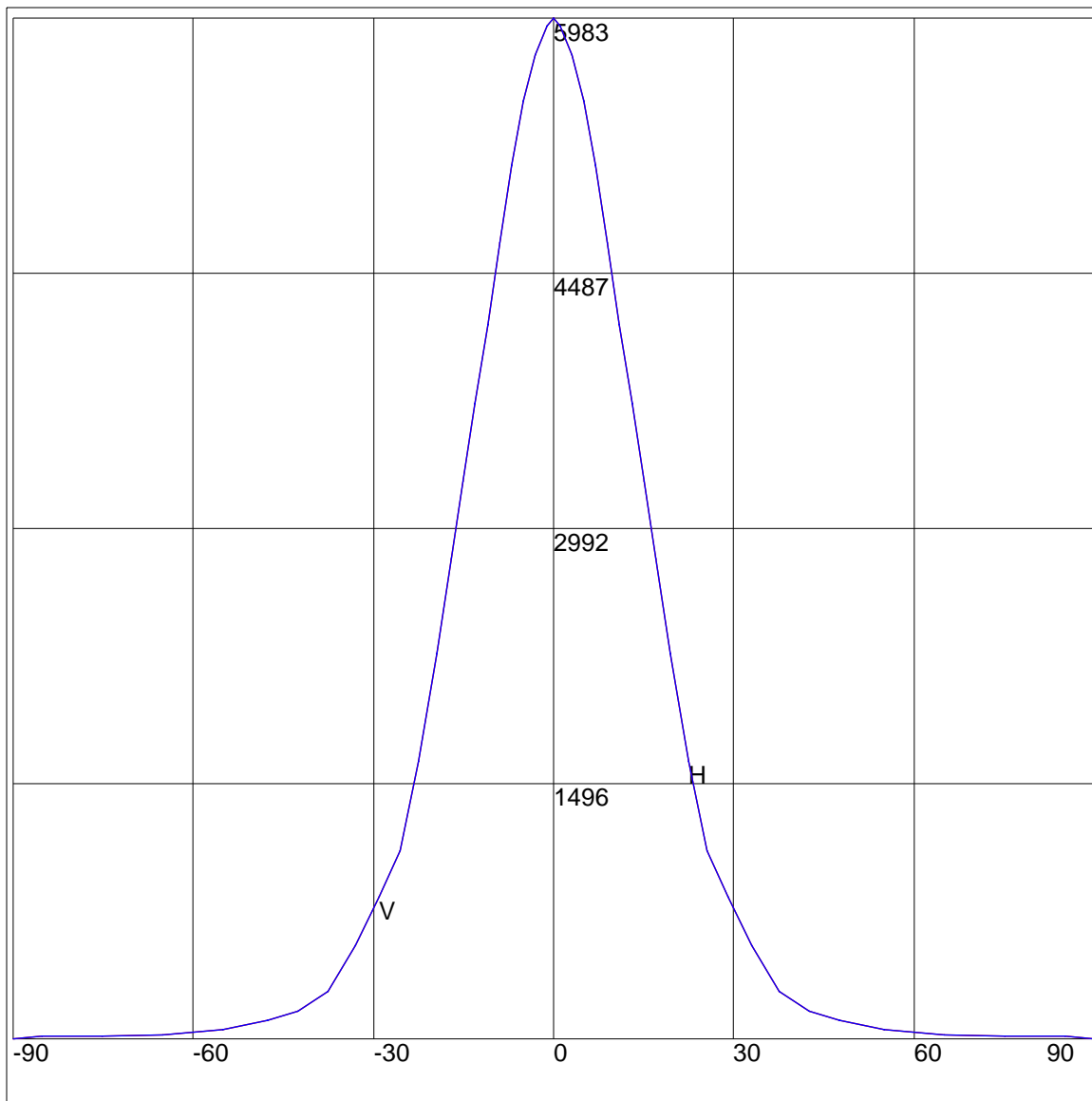
NOTE: ALL TESTS ASSUME BALLAST FACTOR (BF) = 1.0 UNLESS STATED.  
 IF TEST OR OTHER BALLAST USED HAS A BF OTHER THAN 1.0, ALL  
 LUMEN, CANDELA, AND LUMINANCE VALUES SHOULD BE MULTIPLIED BY  
 THE BF, CU, EFFICIENCY AND % FLUX VALUES REMAIN AS LISTED.  
 TOTAL WATTS VALUE APPLIES ONLY TO TESTED BALLAST.

**IES FLOOD REPORT**  
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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	17	85	17
75	20	75	20
65	28	65	28
55	56	55	56
47.5	110	47.5	110
42.5	169	42.5	169
37.5	280	37.5	280
33	551	33	551
29	835	29	835
25.5	1108	25.5	1108
22.5	1628	22.5	1628
19.5	2260	19.5	2260
17	2818	17	2818
15	3267	15	3267
13	3725	13	3725
11	4184	11	4184
9	4662	9	4662
7	5118	7	5118
5	5499	5	5499
3	5768	3	5768
1	5940	1	5940
0	5983	0	5983
-1	5940	-1	5940
-3	5768	-3	5768
-5	5499	-5	5499
-7	5118	-7	5118
-9	4662	-9	4662
-11	4184	-11	4184
-13	3725	-13	3725
-15	3267	-15	3267
-17	2818	-17	2818
-19.5	2260	-19.5	2260
-22.5	1628	-22.5	1628
-25.5	1108	-25.5	1108
-29	835	-29	835
-33	551	-33	551
-37.5	280	-37.5	280
-42.5	169	-42.5	169
-47.5	110	-47.5	110
-55	56	-55	56
-65	28	-65	28
-75	20	-75	20
-85	17	-85	17
-90	0	-90	0

AXIAL CANDELA DISPLAY

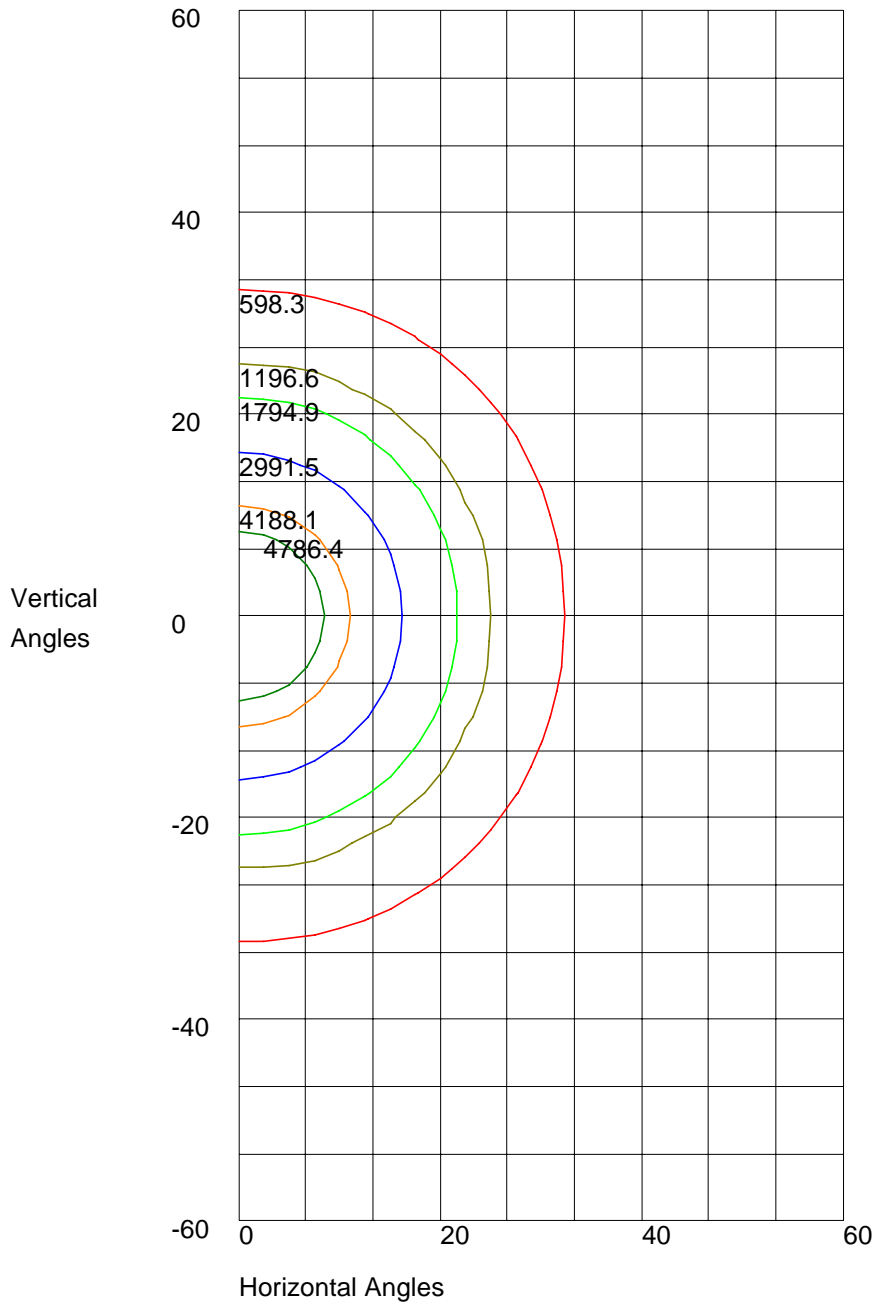


Maximum Candela = 5983 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 5983 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 2991.5  
10% Maximum Candela = 598.3