

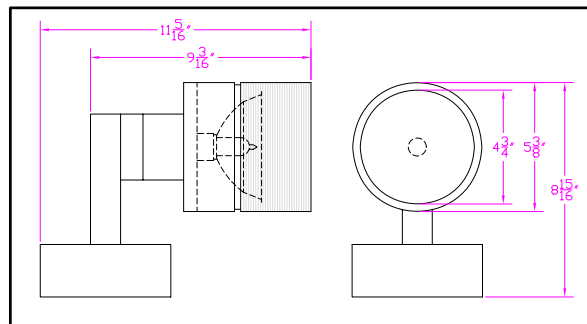
IES FLOOD REPORT
PHOTOMETRIC FILENAME : LLI100906B.IES
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 1009-06B
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 10/12/2009
 [MANUFAC] HK LIGHTING GROUP
 [LUMCAT] ZX38-CT6-70-M
 [LUMINAIRE] 11-5/16"L. X 5-3/8"DIA. X 8-15/16"H. FLOOD LIGHT
 [MORE] MEDIUM 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, 78.70W

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

CHARACTERISTICS

IES NEMA Type	4 H x 4 V
Maximum Candela	10809
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	24.2
Vertical Beam Angle (50%)	24.2
Horizontal Field Angle (10%)	47.9
Vertical Field Angle (10%)	47.9
Lumens Per Lamp	6200 (1 lamp)
Total Lumens	6200
Beam Lumens	1029
Beam Efficiency	17 %
Field Lumens	2096
Field Efficiency	34 %
Spill Lumens	580
Total Lumens	2676
Total Efficiency	43 %
Total Luminaire Watts	78.7
Ballast Factor	1.00



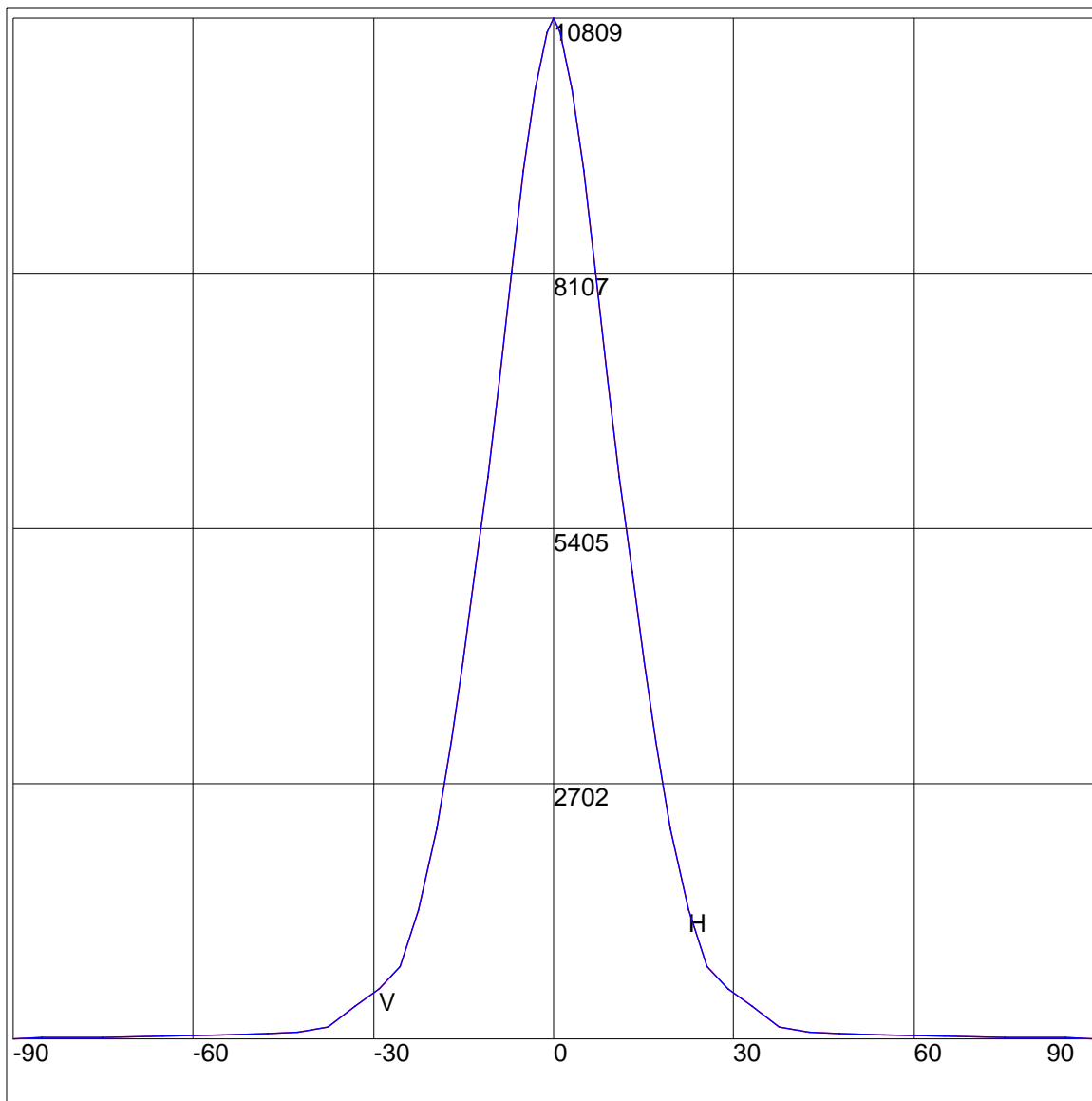
NOTE: ALL TESTS ASSUME BALLAST FACTOR (BF) = 1.0 UNLESS STATED.
 IF TEST OR OTHER BALLAST USED HAS A BF OTHER THAN 1.0, ALL
 LUMEN, CANDELA, AND LUMINANCE VALUES SHOULD BE MULTIPLIED BY
 THE BF, CU, EFFICIENCY AND % FLUX VALUES REMAIN AS LISTED.
 TOTAL WATTS VALUE APPLIES ONLY TO TESTED BALLAST.

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	20	85	20
75	24	75	24
65	31	65	31
55	43	55	43
47.5	59	47.5	59
42.5	78	42.5	78
37.5	138	37.5	138
33	355	33	355
29	532	29	532
25.5	778	25.5	778
22.5	1373	22.5	1373
19.5	2240	19.5	2240
17	3155	17	3155
15	4004	15	4004
13	4945	13	4945
11	5951	11	5951
9	7013	9	7013
7	8127	7	8127
5	9190	5	9190
3	10061	3	10061
1	10660	1	10660
0	10809	0	10809
-1	10660	-1	10660
-3	10061	-3	10061
-5	9190	-5	9190
-7	8127	-7	8127
-9	7013	-9	7013
-11	5951	-11	5951
-13	4945	-13	4945
-15	4004	-15	4004
-17	3155	-17	3155
-19.5	2240	-19.5	2240
-22.5	1373	-22.5	1373
-25.5	778	-25.5	778
-29	532	-29	532
-33	355	-33	355
-37.5	138	-37.5	138
-42.5	78	-42.5	78
-47.5	59	-47.5	59
-55	43	-55	43
-65	31	-65	31
-75	24	-75	24
-85	20	-85	20
-90	0	-90	0

AXIAL CANDELA DISPLAY

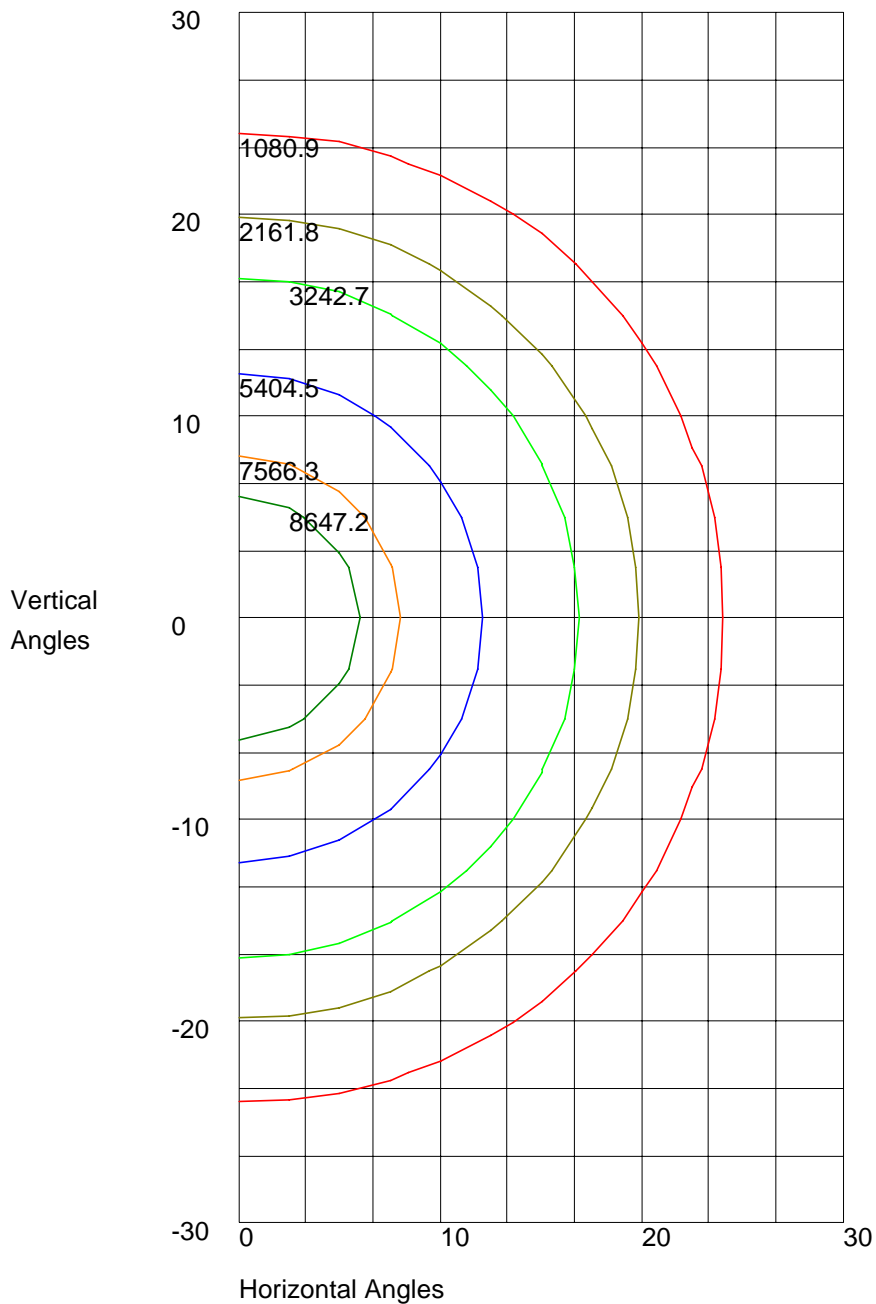


Maximum Candela = 10809 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 10809 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 5404.5
10% Maximum Candela = 1080.9