

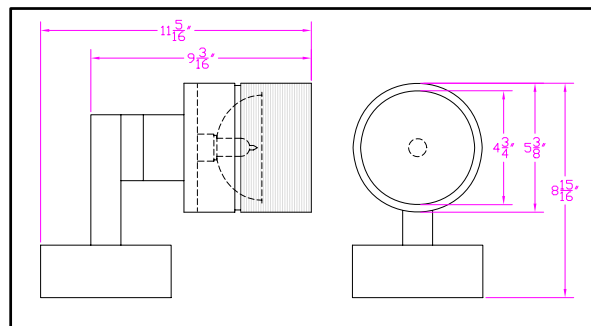
IES FLOOD REPORT
PHOTOMETRIC FILENAME : LLI100906A.IES
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 1009-06A
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 10/12/2009
 [MANUFAC] HK LIGHTING GROUP
 [LUMCAT] ZX38-CT6-70-N
 [LUMINAIRE] 11-5/16"L. X 5-3/8"DIA. X 8-15/16"H. FLOOD LIGHT
 [MORE] NARROW 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, 78.81W

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

CHARACTERISTICS

IES NEMA Type	2 H x 2 V
Maximum Candela	35470
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	11.4
Vertical Beam Angle (50%)	11.4
Horizontal Field Angle (10%)	27.7
Vertical Field Angle (10%)	27.7
Lumens Per Lamp	6200 (1 lamp)
Total Lumens	6200
Beam Lumens	736
Beam Efficiency	12 %
Field Lumens	1917
Field Efficiency	31 %
Spill Lumens	981
Total Lumens	2898
Total Efficiency	47 %
Total Luminaire Watts	78.81
Ballast Factor	1.00



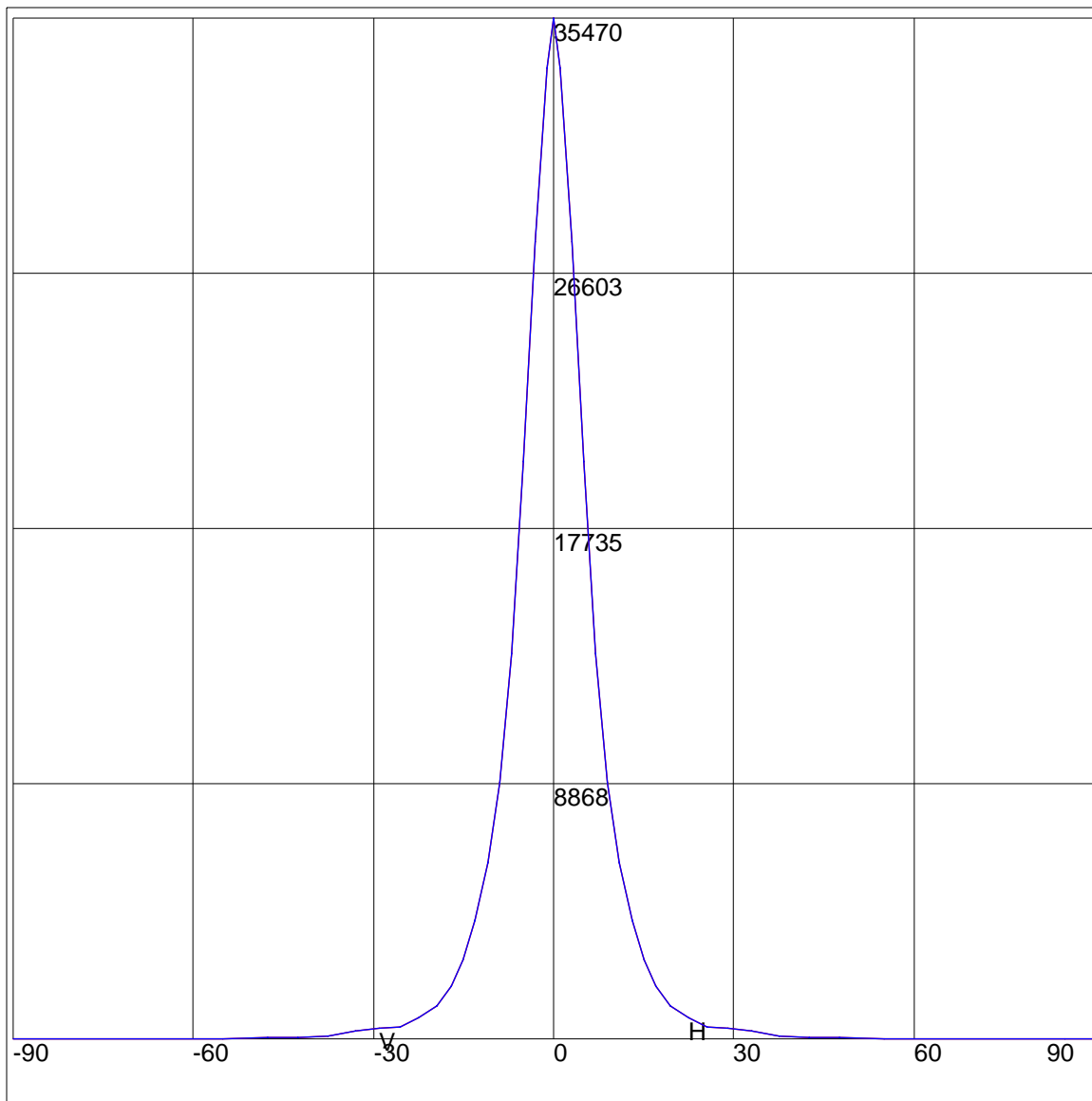
NOTE: ALL TESTS ASSUME BALLAST FACTOR (BF) = 1.0 UNLESS STATED.
 IF TEST OR OTHER BALLAST USED HAS A BF OTHER THAN 1.0, ALL
 LUMEN, CANDELA, AND LUMINANCE VALUES SHOULD BE MULTIPLIED BY
 THE BF, CU, EFFICIENCY AND % FLUX VALUES REMAIN AS LISTED.
 TOTAL WATTS VALUE APPLIES ONLY TO TESTED BALLAST.

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	25	85	25
75	27	75	27
65	33	65	33
55	42	55	42
47.5	54	47.5	54
42.5	66	42.5	66
37.5	107	37.5	107
33	283	33	283
29	374	29	374
25.5	454	25.5	454
22.5	731	22.5	731
19.5	1165	19.5	1165
17	1864	17	1864
15	2779	15	2779
13	4136	13	4136
11	6132	11	6132
9	8938	9	8938
7	13389	7	13389
5	20070	5	20070
3	27701	3	27701
1	33714	1	33714
0	35470	0	35470
-1	33714	-1	33714
-3	27701	-3	27701
-5	20070	-5	20070
-7	13389	-7	13389
-9	8938	-9	8938
-11	6132	-11	6132
-13	4136	-13	4136
-15	2779	-15	2779
-17	1864	-17	1864
-19.5	1165	-19.5	1165
-22.5	731	-22.5	731
-25.5	454	-25.5	454
-29	374	-29	374
-33	283	-33	283
-37.5	107	-37.5	107
-42.5	66	-42.5	66
-47.5	54	-47.5	54
-55	42	-55	42
-65	33	-65	33
-75	27	-75	27
-85	25	-85	25
-90	0	-90	0

AXIAL CANDELA DISPLAY

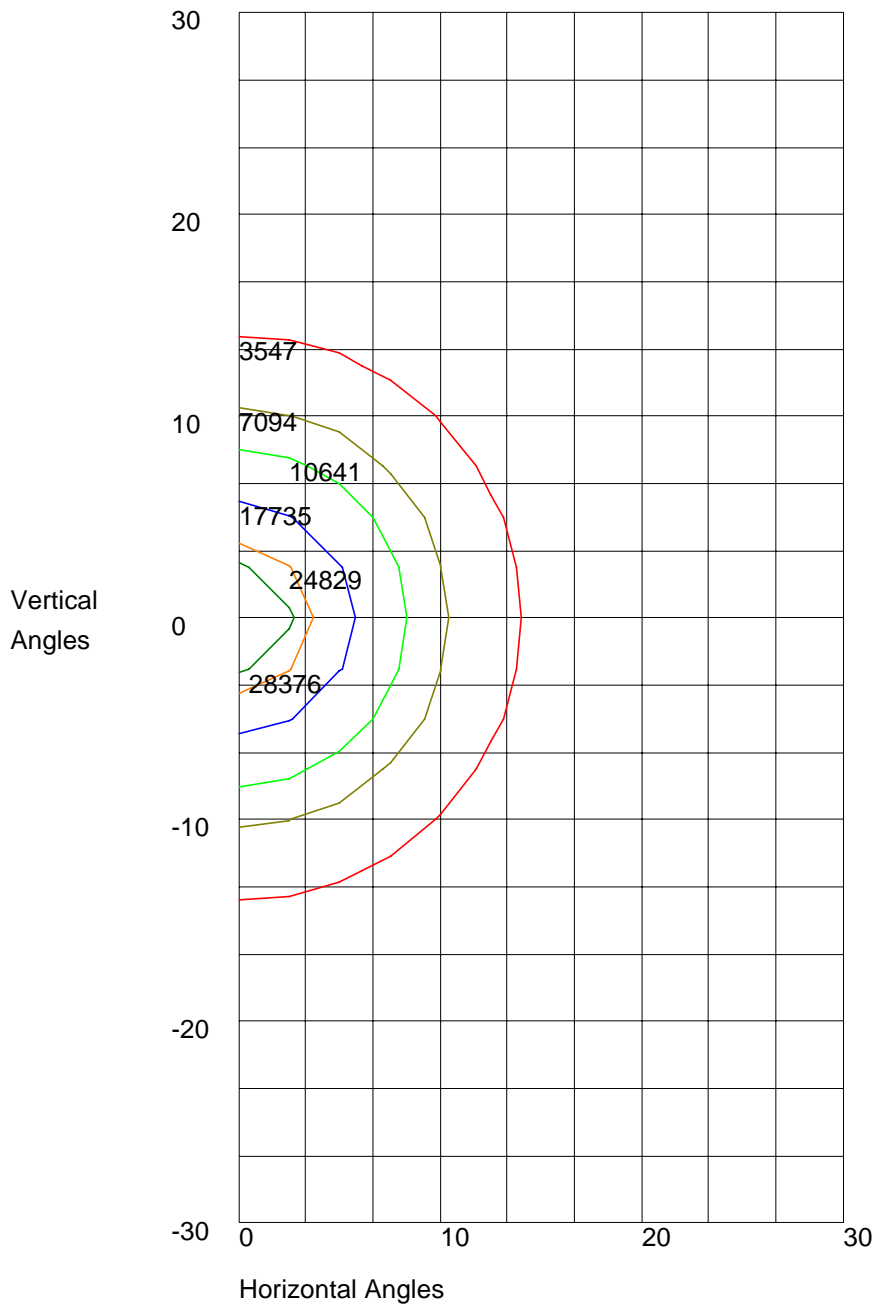


Maximum Candela = 35470 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 35470 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 17735
10% Maximum Candela = 3547