

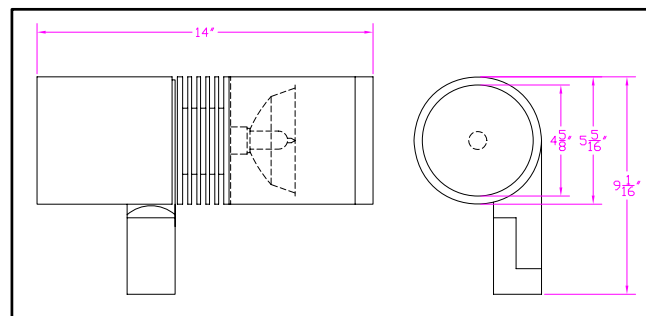
IES FLOOD REPORT
PHOTOMETRIC FILENAME : LLI100906F.IES
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 1009-06F
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUEDATE] 10/13/2009
 [MANUFAC] HK LIGHTING GROUP
 [LUMCAT] ZX38i-A-T6-150-W
 [LUMINAIRE] 14"L. X 5-5/16"DIA. X 9-1/16"H. FLOOD LIGHT
 [MORE] WIDE BEAM SPREAD REFLECTOR
 [MORE] FLAT TEMPERED GLASS LENS
 [BALLASTCAT] HATCH MC15-1-F-120V
 [BALLAST] 120VAC 50/60Hz ELECTRONIC
 [LAMPPOSITION] 0,0
 [LAMPCAT] GE CMH150/T/U/942/G12
 [_LAMPLUM] 13000
 [_INPUT] 120VAC, 160.2W

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

CHARACTERISTICS

IES NEMA Type	4 H x 4 V
Maximum Candela	11256
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	29.3
Vertical Beam Angle (50%)	29.3
Horizontal Field Angle (10%)	57.0
Vertical Field Angle (10%)	57.0
Lumens Per Lamp	13000 (1 lamp)
Total Lumens	13000
Beam Lumens	1626
Beam Efficiency	13 %
Field Lumens	3114
Field Efficiency	24 %
Spill Lumens	719
Total Lumens	3833
Total Efficiency	29 %
Total Luminaire Watts	160.2
Ballast Factor	1.00



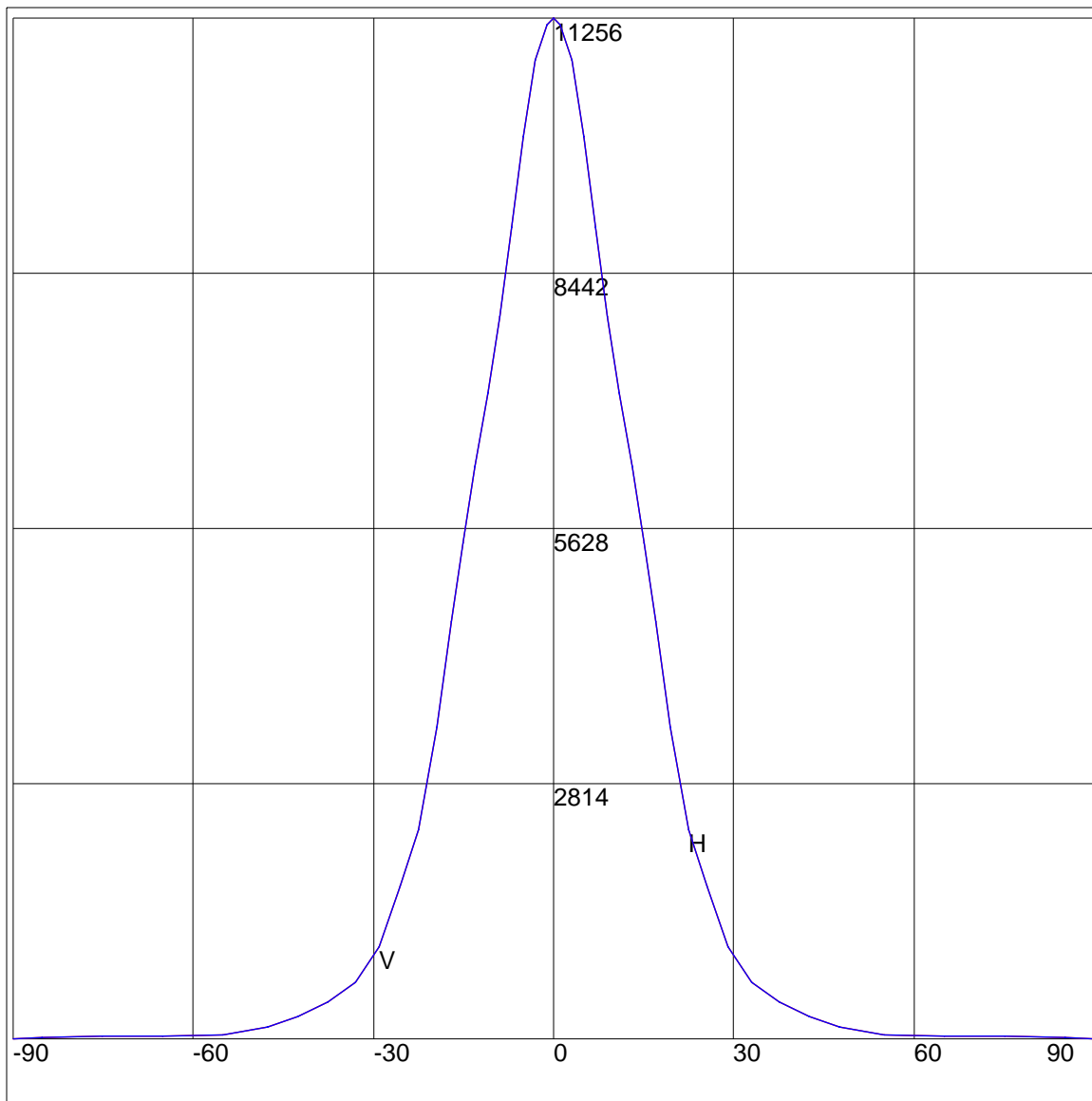
NOTE: ALL TESTS ASSUME BALLAST FACTOR (BF) = 1.0 UNLESS STATED.
 IF TEST OR OTHER BALLAST USED HAS A BF OTHER THAN 1.0, ALL
 LUMEN, CANDELA, AND LUMINANCE VALUES SHOULD BE MULTIPLIED BY
 THE BF, CU, EFFICIENCY AND % FLUX VALUES REMAIN AS LISTED.
 TOTAL WATTS VALUE APPLIES ONLY TO TESTED BALLAST.

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	26	85	26
75	29	75	29
65	34	65	34
55	56	55	56
47.5	132	47.5	132
42.5	257	42.5	257
37.5	418	37.5	418
33	637	33	637
29	1027	29	1027
25.5	1692	25.5	1692
22.5	2315	22.5	2315
19.5	3443	19.5	3443
17	4597	17	4597
15	5471	15	5471
13	6313	13	6313
11	7123	11	7123
9	7968	9	7968
7	8950	7	8950
5	9958	5	9958
3	10789	3	10789
1	11178	1	11178
0	11256	0	11256
-1	11178	-1	11178
-3	10789	-3	10789
-5	9958	-5	9958
-7	8950	-7	8950
-9	7968	-9	7968
-11	7123	-11	7123
-13	6313	-13	6313
-15	5471	-15	5471
-17	4597	-17	4597
-19.5	3443	-19.5	3443
-22.5	2315	-22.5	2315
-25.5	1692	-25.5	1692
-29	1027	-29	1027
-33	637	-33	637
-37.5	418	-37.5	418
-42.5	257	-42.5	257
-47.5	132	-47.5	132
-55	56	-55	56
-65	34	-65	34
-75	29	-75	29
-85	26	-85	26
-90	0	-90	0

AXIAL CANDELA DISPLAY

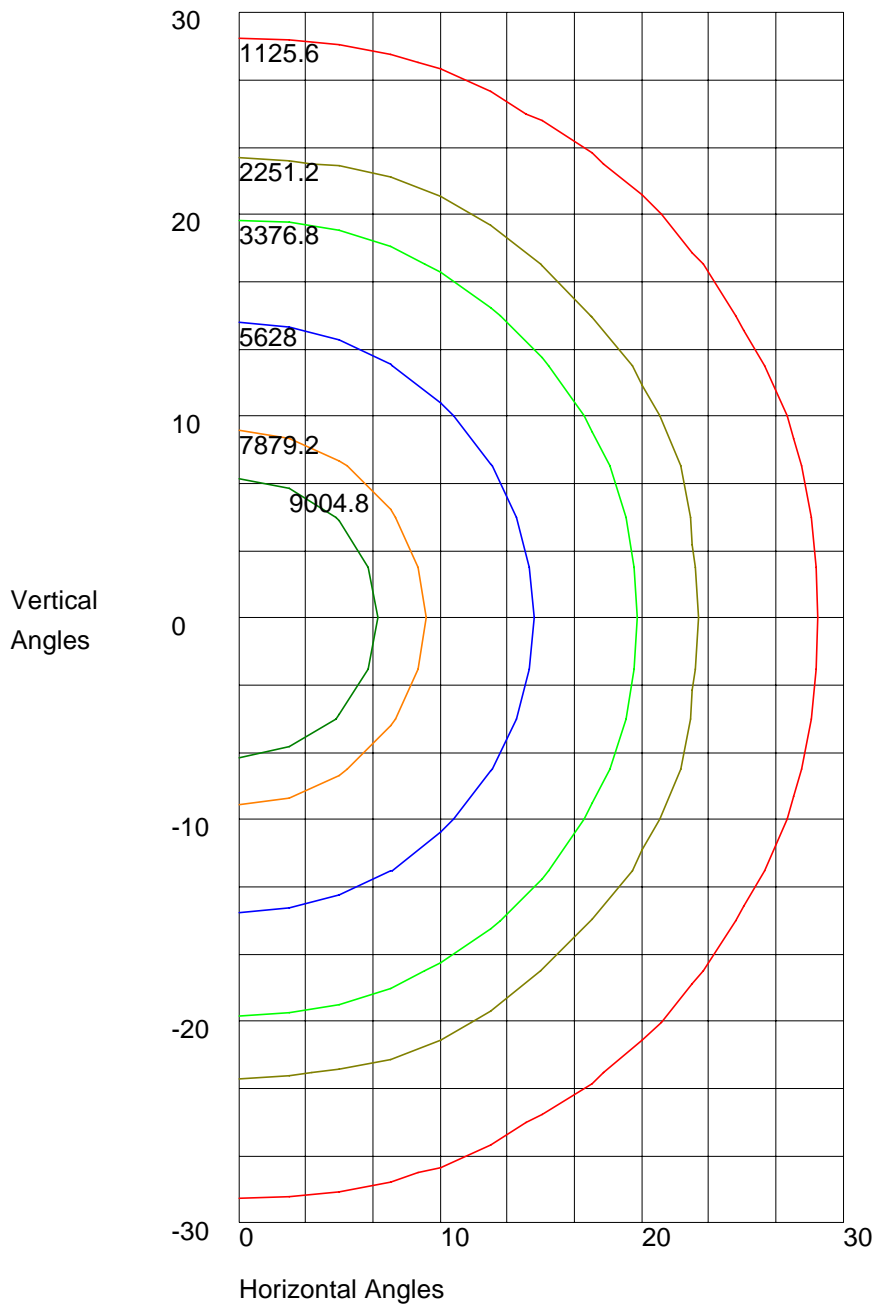


Maximum Candela = 11256 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 11256 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 5628
10% Maximum Candela = 1125.6