

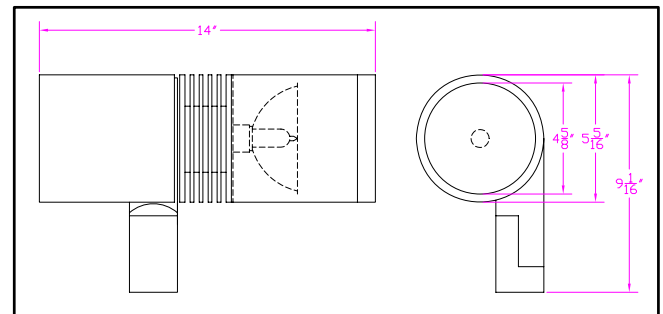
IES FLOOD REPORT
PHOTOMETRIC FILENAME : LLI100906D.IES
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 1009-06D
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 10/13/2009
 [MANUFAC] HK LIGHTING GROUP
 [LUMCAT] ZX38i-A-T6-150-N
 [LUMINAIRE] 14"L. X 5-5/16"DIA. X 9-1/16"H. FLOOD LIGHT
 [MORE] NARROW 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	3 H x 3 V
Maximum Candela	38666
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	14.6
Vertical Beam Angle (50%)	14.6
Horizontal Field Angle (10%)	33.6
Vertical Field Angle (10%)	33.6
Lumens Per Lamp	13000 (1 lamp)
Total Lumens	13000
Beam Lumens	1436
Beam Efficiency	11 %
Field Lumens	3308
Field Efficiency	25 %
Spill Lumens	991
Total Lumens	4299
Total Efficiency	33 %
Total Luminaire Watts	160.2
Ballast Factor	1.00



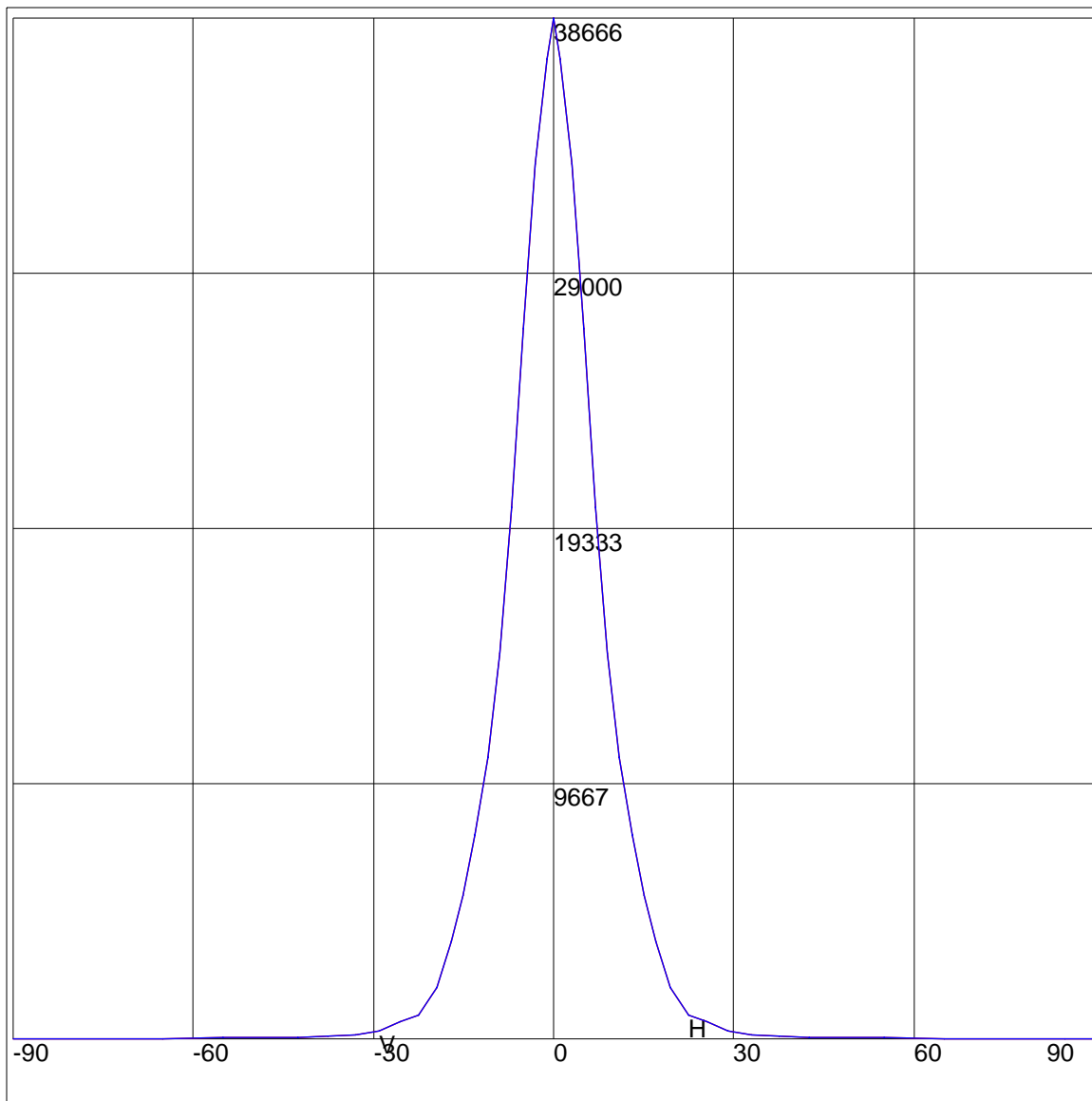
NOTE: ALL TESTS ASSUME BALLAST FACTOR (BF) = 1.0 UNLESS STATED.
 IF TEST OR OTHER BALLAST USED HAS A BF OTHER THAN 1.0, ALL
 LUMEN, CANDELA, AND LUMINANCE VALUES SHOULD BE MULTIPLIED BY
 THE BF, CU, EFFICIENCY AND % FLUX VALUES REMAIN AS LISTED.
 TOTAL WATTS VALUE APPLIES ONLY TO TESTED BALLAST.

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	36	85	36
75	40	75	40
65	44	65	44
55	63	55	63
47.5	78	47.5	78
42.5	91	42.5	91
37.5	116	37.5	116
33	164	33	164
29	303	29	303
25.5	647	25.5	647
22.5	895	22.5	895
19.5	1958	19.5	1958
17	3712	17	3712
15	5465	15	5465
13	7739	13	7739
11	10663	11	10663
9	14625	9	14625
7	20129	7	20129
5	26932	5	26932
3	33132	3	33132
1	37133	1	37133
0	38666	0	38666
-1	37133	-1	37133
-3	33132	-3	33132
-5	26932	-5	26932
-7	20129	-7	20129
-9	14625	-9	14625
-11	10663	-11	10663
-13	7739	-13	7739
-15	5465	-15	5465
-17	3712	-17	3712
-19.5	1958	-19.5	1958
-22.5	895	-22.5	895
-25.5	647	-25.5	647
-29	303	-29	303
-33	164	-33	164
-37.5	116	-37.5	116
-42.5	91	-42.5	91
-47.5	78	-47.5	78
-55	63	-55	63
-65	44	-65	44
-75	40	-75	40
-85	36	-85	36
-90	0	-90	0

AXIAL CANDELA DISPLAY

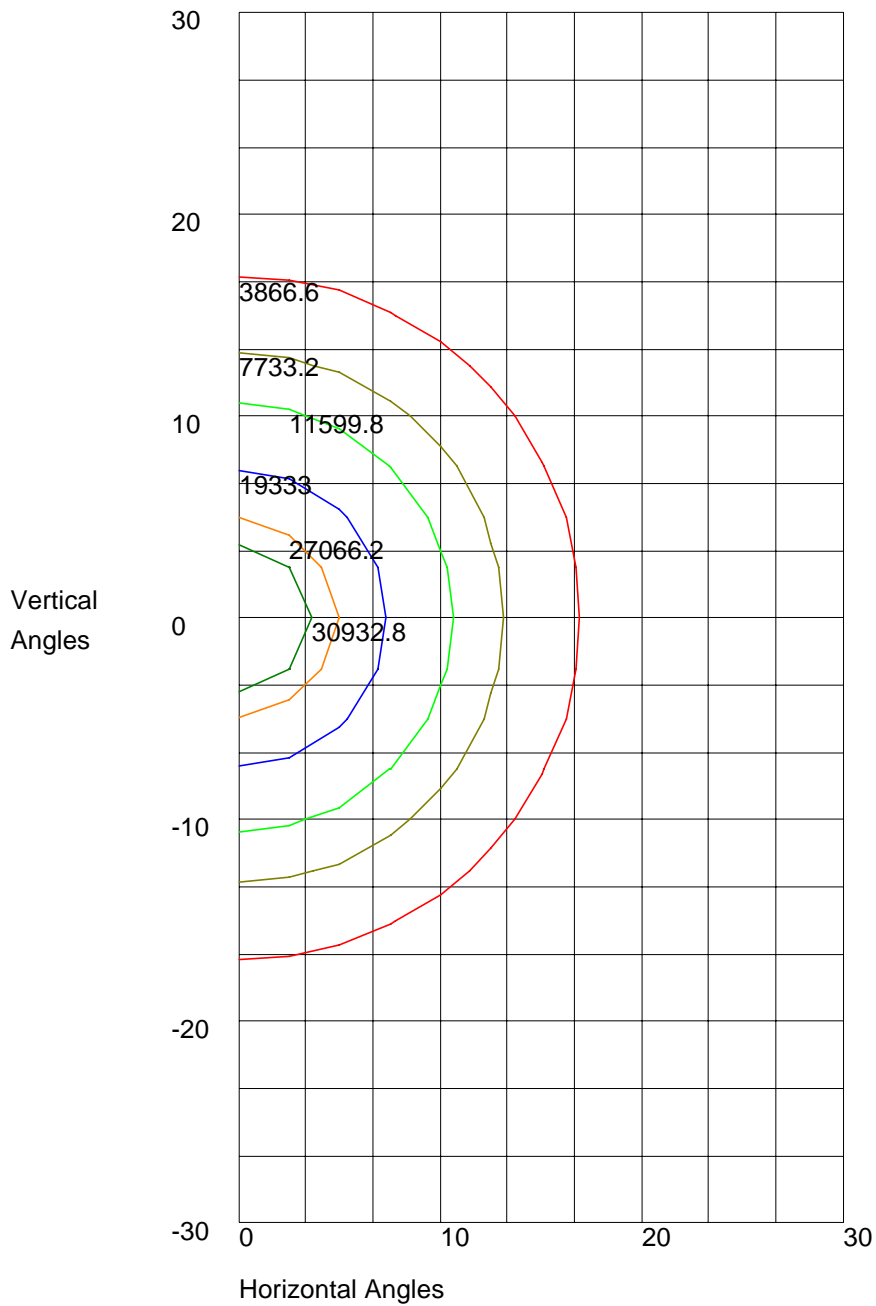


Maximum Candela = 38666 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 38666 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 19333
10% Maximum Candela = 3866.6