

IES FLOOD REPORT
PHOTOMETRIC FILENAME : LLI100906E.IES

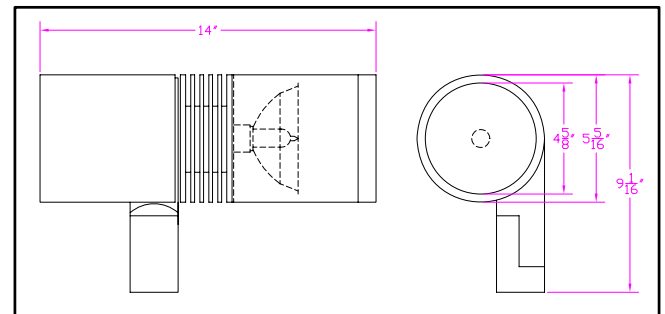
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 1009-06E
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 10/13/2009
[MANUFAC] HK LIGHTING GROUP
[LUMCAT] ZX38i-A-T6-150-M
[LUMINAIRE] 14"L. X 5-5/16"DIA. X 9-1/16"H. FLOOD LIGHT
[MORE] MEDIUM 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, 160.0W

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

CHARACTERISTICS

IES NEMA Type	3 H x 3 V
Maximum Candela	17674
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	22.4
Vertical Beam Angle (50%)	22.4
Horizontal Field Angle (10%)	44.1
Vertical Field Angle (10%)	44.1
Lumens Per Lamp	13000 (1 lamp)
Total Lumens	13000
Beam Lumens	1425
Beam Efficiency	11 %
Field Lumens	3043
Field Efficiency	23 %
Spill Lumens	691
Total Lumens	3734
Total Efficiency	29 %
Total Luminaire Watts	160
Ballast Factor	1.00



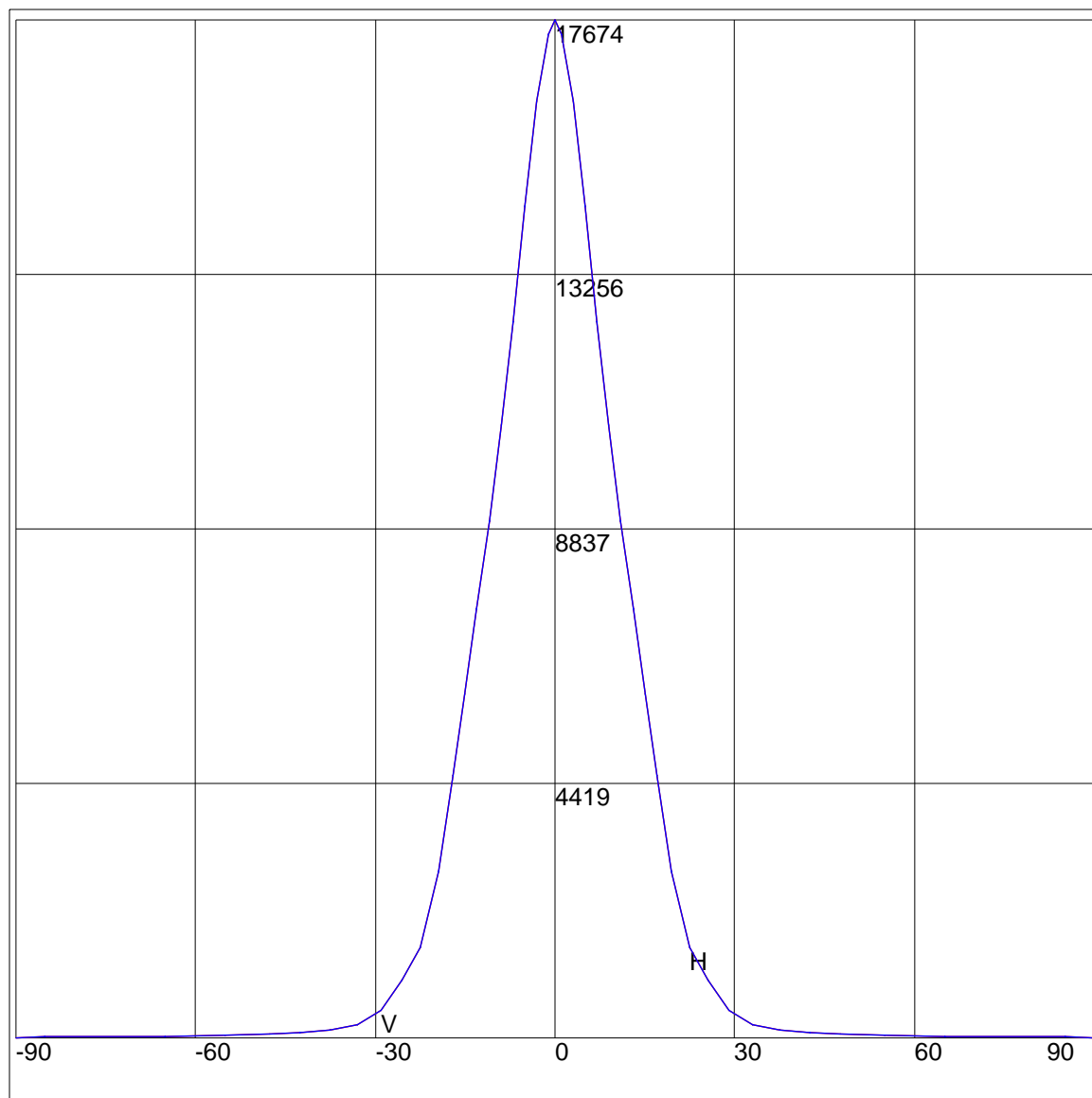
NOTE: ALL TESTS ASSUME BALLAST FACTOR (BF) = 1.0 UNLESS STATED.
IF TEST OR OTHER BALLAST USED HAS A BF OTHER THAN 1.0, ALL
LUMEN, CANDELA, AND LUMINANCE VALUES SHOULD BE MULTIPLIED BY
THE BF, CU, EFFICIENCY AND % FLUX VALUES REMAIN AS LISTED.
TOTAL WATTS VALUE APPLIES ONLY TO TESTED BALLAST.

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	29	85	29
75	32	75	32
65	37	65	37
55	58	55	58
47.5	80	47.5	80
42.5	104	42.5	104
37.5	149	37.5	149
33	242	33	242
29	492	29	492
25.5	1021	25.5	1021
22.5	1571	22.5	1571
19.5	2907	19.5	2907
17	4568	17	4568
15	5974	15	5974
13	7445	13	7445
11	8976	11	8976
9	10647	9	10647
7	12446	7	12446
5	14445	5	14445
3	16264	3	16264
1	17420	1	17420
0	17674	0	17674
-1	17420	-1	17420
-3	16264	-3	16264
-5	14445	-5	14445
-7	12446	-7	12446
-9	10647	-9	10647
-11	8976	-11	8976
-13	7445	-13	7445
-15	5974	-15	5974
-17	4568	-17	4568
-19.5	2907	-19.5	2907
-22.5	1571	-22.5	1571
-25.5	1021	-25.5	1021
-29	492	-29	492
-33	242	-33	242
-37.5	149	-37.5	149
-42.5	104	-42.5	104
-47.5	80	-47.5	80
-55	58	-55	58
-65	37	-65	37
-75	32	-75	32
-85	29	-85	29
-90	0	-90	0

AXIAL CANDELA DISPLAY

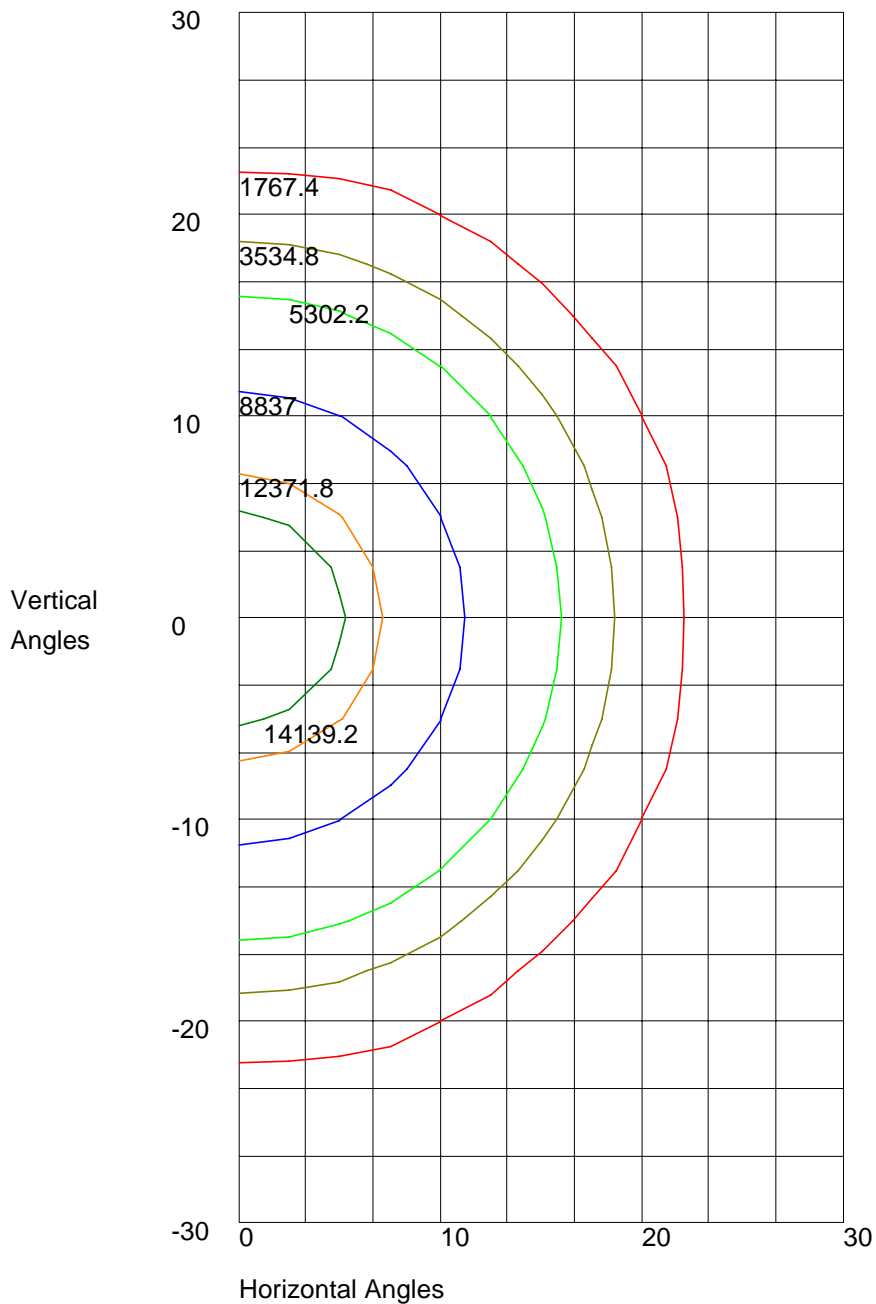


Maximum Candela = 17674 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 17674 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 8837
10% Maximum Candela = 1767.4