



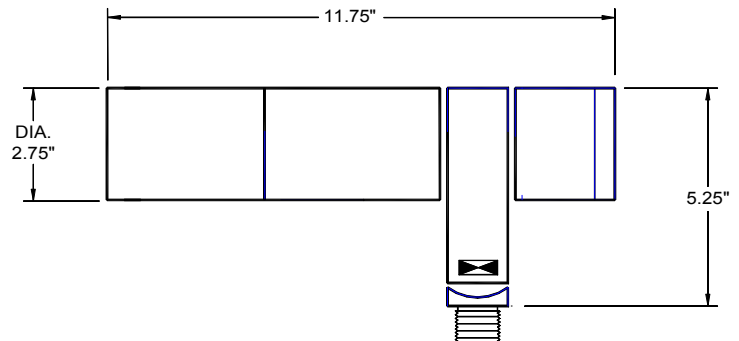
IES FLOOD REPORT
PHOTOMETRIC FILENAME : LLI010709B.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 0107-09B
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 1/17/2007
[MANUFAC] HK LIGHTING GROUP
[LUMCAT] ZX20i-T439-MEDIUM
[LUMINAIRE] 2-3/4"DIA. X 11-3/4"L. X 5-1/4"H. ACCENT & AREA LUMINAIRE
[MORE] SPUN ALUMINUM MEDIUM BEAM SPREAD REFLECTOR
[MORE] TEMPERED GLASS LENS
[BALLASTCAT] ADVANCE RMH-39-K-LF
[BALLAST] 120V 50/60Hz ELECTRONIC
[LAMPPOSITION] 0,0
[LAMPCAT] PHILIPS CDM35/T6/830
[_LAMPLUM] 3300
[_INPUT] 120VAC, 44.04W

CHARACTERISTICS

IES NEMA Type	4 H x 4 V
Maximum Candela	3419
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	28.1
Vertical Beam Angle (50%)	28.1
Horizontal Field Angle (10%)	64.8
Vertical Field Angle (10%)	64.8
Total Rated Lamp Lumens	3300
Beam Lumens	427.76
Beam Efficiency	12.96%
Field Lumens	1102.38
Field Efficiency	33.41%
Total Lumens	1274.17
Total Efficiency	38.61%



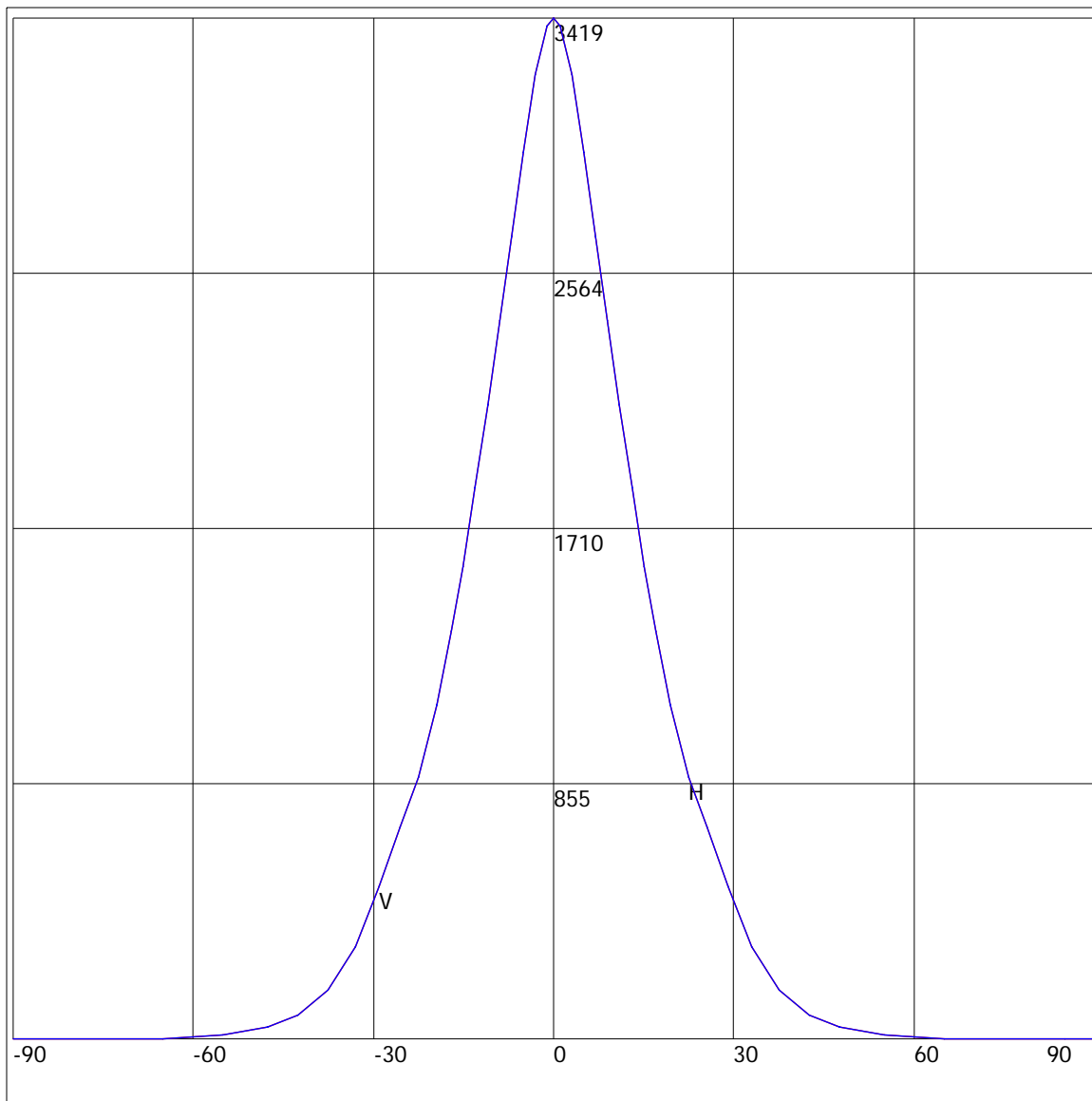
NOTE: ALL TESTS ASSUME BALLAST FACTOR (BF) = 1.0 UNLESS STATED.
IF TEST OR OTHER BALLAST USED HAS A BF OTHER THAN 1.0, ALL
LUMEN, CANDELA, AND LUMINANCE VALUES SHOULD BE MULTIPLIED BY
THE BF, CU, EFFICIENCY AND % FLUX VALUES REMAIN AS LISTED.
TOTAL WATTS VALUE APPLIES ONLY TO TESTED BALLAST.

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	1
75	2	75	2
65	4	65	4
55	15	55	15
47.5	42	47.5	42
42.5	80	42.5	80
37.5	166	37.5	166
33	312	33	312
29	514	29	514
25.5	709	25.5	709
22.5	878	22.5	878
19.5	1119	19.5	1119
17	1366	17	1366
15	1583	15	1583
13	1845	13	1845
11	2125	11	2125
9	2407	9	2407
7	2688	7	2688
5	2969	5	2969
3	3230	3	3230
1	3391	1	3391
0	3419	0	3419
-1	3391	-1	3391
-3	3230	-3	3230
-5	2969	-5	2969
-7	2688	-7	2688
-9	2407	-9	2407
-11	2125	-11	2125
-13	1845	-13	1845
-15	1583	-15	1583
-17	1366	-17	1366
-19.5	1119	-19.5	1119
-22.5	878	-22.5	878
-25.5	709	-25.5	709
-29	514	-29	514
-33	312	-33	312
-37.5	166	-37.5	166
-42.5	80	-42.5	80
-47.5	42	-47.5	42
-55	15	-55	15
-65	4	-65	4
-75	2	-75	2
-85	1	-85	1
-90	0	-90	0

AXIAL CANDELA DISPLAY

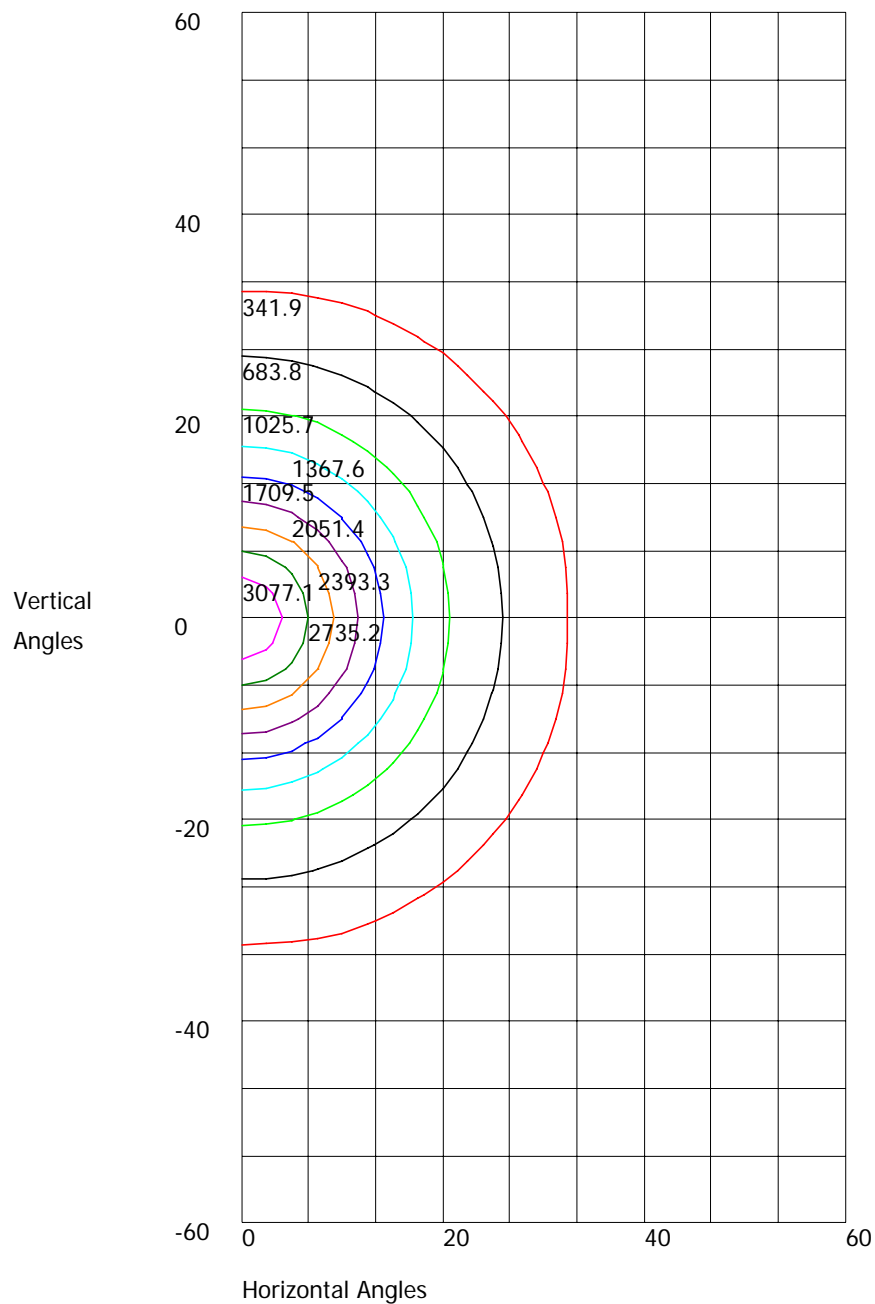


Maximum Candela = 3419 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3419 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 1709.5
10% Maximum Candela = 341.9