



IES FLOOD REPORT
PHOTOMETRIC FILENAME : LLI100806B.IES

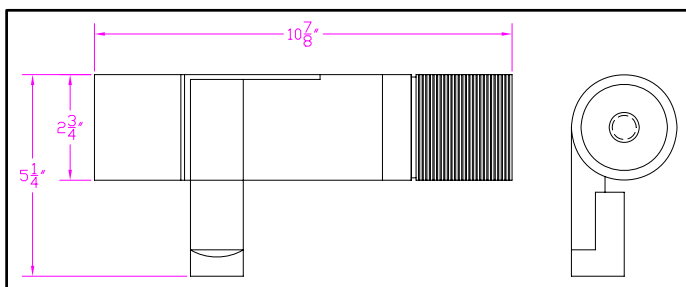
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 1008-06B
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 10/27/2008
[MANUFAC] HK LIGHTING GROUP
[LUMCAT] ZX20i-T6 70/MEDIUM
[LUMINAIRE] 10-7/8"L X 2-3/4"W. X 5-1/4"H. FLOOD & AREA FIXTURE
[MORE] MEDIUM BEAM REFLECTOR, FLAT TEMPERED GLASS LENS
[BALLASTCAT] HATCH MC70-1-F-UNNS
[BALLAST] 108-305V 50/60Hz ELECTRONIC
[LAMPPOSITION] 0,0
[LAMPCAT] GE CMH70/T/U/830/G12
[LAMPLUM] 6200
[INPUT] 120VAC, 77.26W

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

CHARACTERISTICS

| | |
|------------------------------|-----------|
| IES NEMA Type | 5 H x 5 V |
| Maximum Candela | 4403 |
| Maximum Candela Angle | 0H 0V |
| Horizontal Beam Angle (50%) | 42.7 |
| Vertical Beam Angle (50%) | 42.7 |
| Horizontal Field Angle (10%) | 83.0 |
| Vertical Field Angle (10%) | 83.0 |
| Total Rated Lamp Lumens | 6200 |
| Beam Lumens | 1347.62 |
| Beam Efficiency | 21.74% |
| Field Lumens | 2664.15 |
| Field Efficiency | 42.97% |
| Spill Lumens | 346.37 |
| Total Lumens | 3010.53 |
| Total Efficiency | 48.56% |
| Total Luminaire Watts | 77 |
| Ballast Factor | 1.00 |

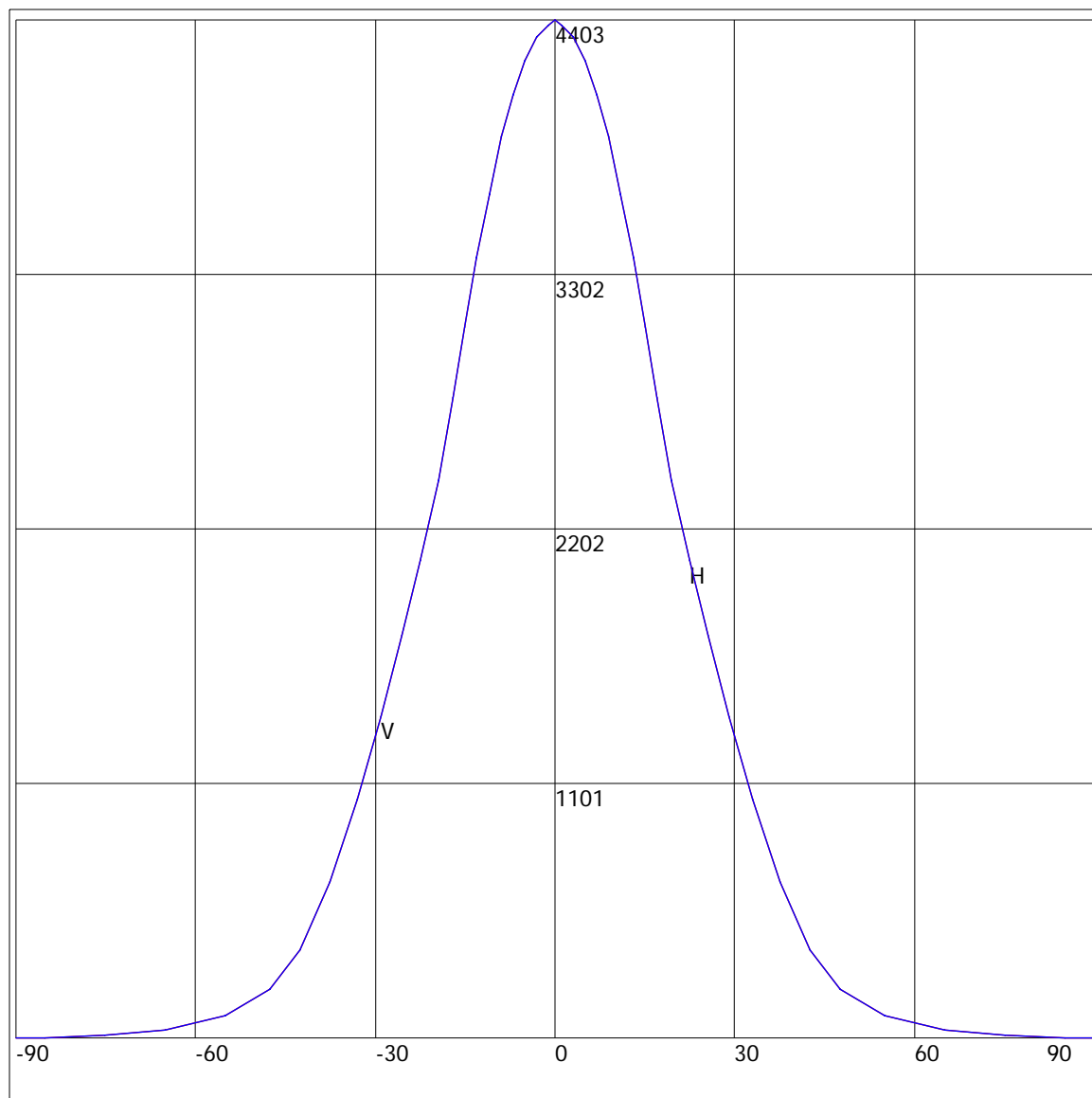


IES FLOOD REPORT
PHOTOMETRIC FILENAME : LLI100806B.IES

AXIAL CANDELA

| DEG. | HOR. | DEG. | VERT. |
|-------|------|-------|-------|
| 90 | 0 | 90 | 0 |
| 85 | 4 | 85 | 4 |
| 75 | 13 | 75 | 13 |
| 65 | 39 | 65 | 39 |
| 55 | 98 | 55 | 98 |
| 47.5 | 213 | 47.5 | 213 |
| 42.5 | 382 | 42.5 | 382 |
| 37.5 | 679 | 37.5 | 679 |
| 33 | 1034 | 33 | 1034 |
| 29 | 1393 | 29 | 1393 |
| 25.5 | 1741 | 25.5 | 1741 |
| 22.5 | 2067 | 22.5 | 2067 |
| 19.5 | 2415 | 19.5 | 2415 |
| 17 | 2768 | 17 | 2768 |
| 15 | 3075 | 15 | 3075 |
| 13 | 3377 | 13 | 3377 |
| 11 | 3651 | 11 | 3651 |
| 9 | 3896 | 9 | 3896 |
| 7 | 4082 | 7 | 4082 |
| 5 | 4229 | 5 | 4229 |
| 3 | 4327 | 3 | 4327 |
| 1 | 4383 | 1 | 4383 |
| 0 | 4403 | 0 | 4403 |
| -1 | 4383 | -1 | 4383 |
| -3 | 4327 | -3 | 4327 |
| -5 | 4229 | -5 | 4229 |
| -7 | 4082 | -7 | 4082 |
| -9 | 3896 | -9 | 3896 |
| -11 | 3651 | -11 | 3651 |
| -13 | 3377 | -13 | 3377 |
| -15 | 3075 | -15 | 3075 |
| -17 | 2768 | -17 | 2768 |
| -19.5 | 2415 | -19.5 | 2415 |
| -22.5 | 2067 | -22.5 | 2067 |
| -25.5 | 1741 | -25.5 | 1741 |
| -29 | 1393 | -29 | 1393 |
| -33 | 1034 | -33 | 1034 |
| -37.5 | 679 | -37.5 | 679 |
| -42.5 | 382 | -42.5 | 382 |
| -47.5 | 213 | -47.5 | 213 |
| -55 | 98 | -55 | 98 |
| -65 | 39 | -65 | 39 |
| -75 | 13 | -75 | 13 |
| -85 | 4 | -85 | 4 |
| -90 | 0 | -90 | 0 |

AXIAL CANDELA DISPLAY

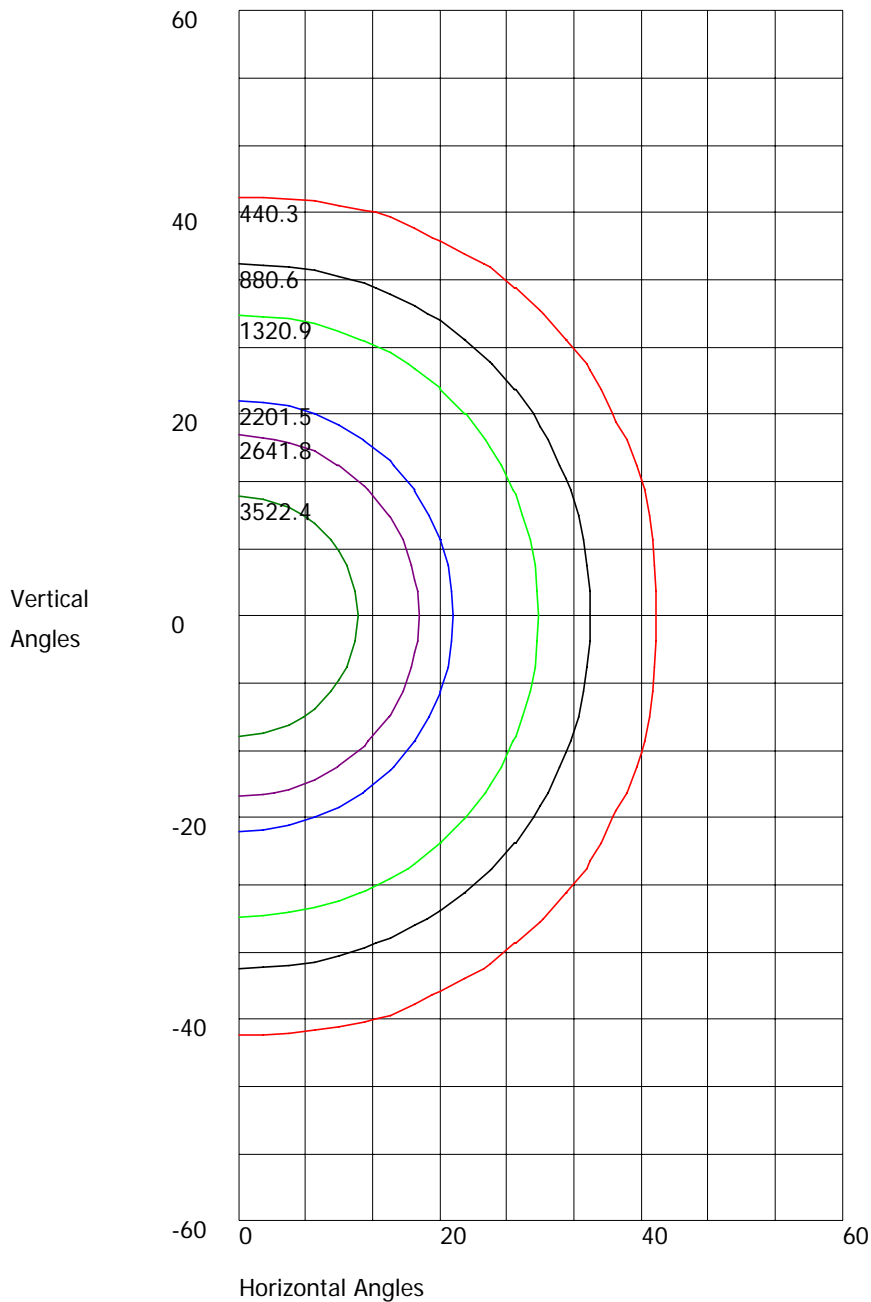


Maximum Candela = 4403 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 4403 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 2201.5
10% Maximum Candela = 440.3