



**IES FLOOD REPORT  
PHOTOMETRIC FILENAME : L01111209.IES**

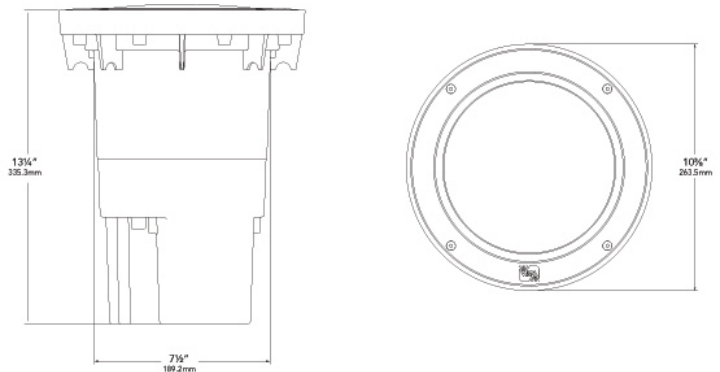
**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] L0111-1209  
[TESTLAB] LIGHT LABORATORY, INC.  
[ISSUE DATE] 1/26/2011  
[MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING  
[LUMCAT] 1134-SS-SP-GU6.5-20-CX  
[LUMINAIRE] 10-3/8"DIA. X 13-1/4"H. INGROUND AND WELL LIGHT  
[MORE] 20W MH LAMP WITH TIGHT SPOT REFLECTOR  
[MORE] CLEAR TEMPERED GLASS LENS  
[BALLASTCAT] ADVANCE E-VISION IMH-G20-G-LF  
[BALLAST] 120-277V 50/60Hz ELECTRONIC  
[LAMPPOSITION] 0,0  
[LAMPCAT] SYLVANIA MC20/TF/U/G6.5/830  
[LAMPLUM] 1700  
[INPUT] 120VAC, 23.29W

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

**CHARACTERISTICS**

|                              |               |
|------------------------------|---------------|
| NEMA Type                    | 1 H x 1 V     |
| Maximum Candela              | 27610         |
| Maximum Candela Angle        | 0H 0V         |
| Horizontal Beam Angle (50%)  | 8.2           |
| Vertical Beam Angle (50%)    | 8.2           |
| Horizontal Field Angle (10%) | 15.7          |
| Vertical Field Angle (10%)   | 15.7          |
| Lumens Per Lamp              | 1700 (1 lamp) |
| Total Lamp Lumens            | 1700          |
| Beam Lumens                  | 301           |
| Beam Efficiency              | 18 %          |
| Field Lumens                 | 579           |
| Field Efficiency             | 34 %          |
| Spill Lumens                 | 436           |
| Luminaire Lumens             | 1015          |
| Total Efficiency             | 60 %          |
| Total Luminaire Watts        | 23.29         |
| Ballast Factor               | 1.00          |

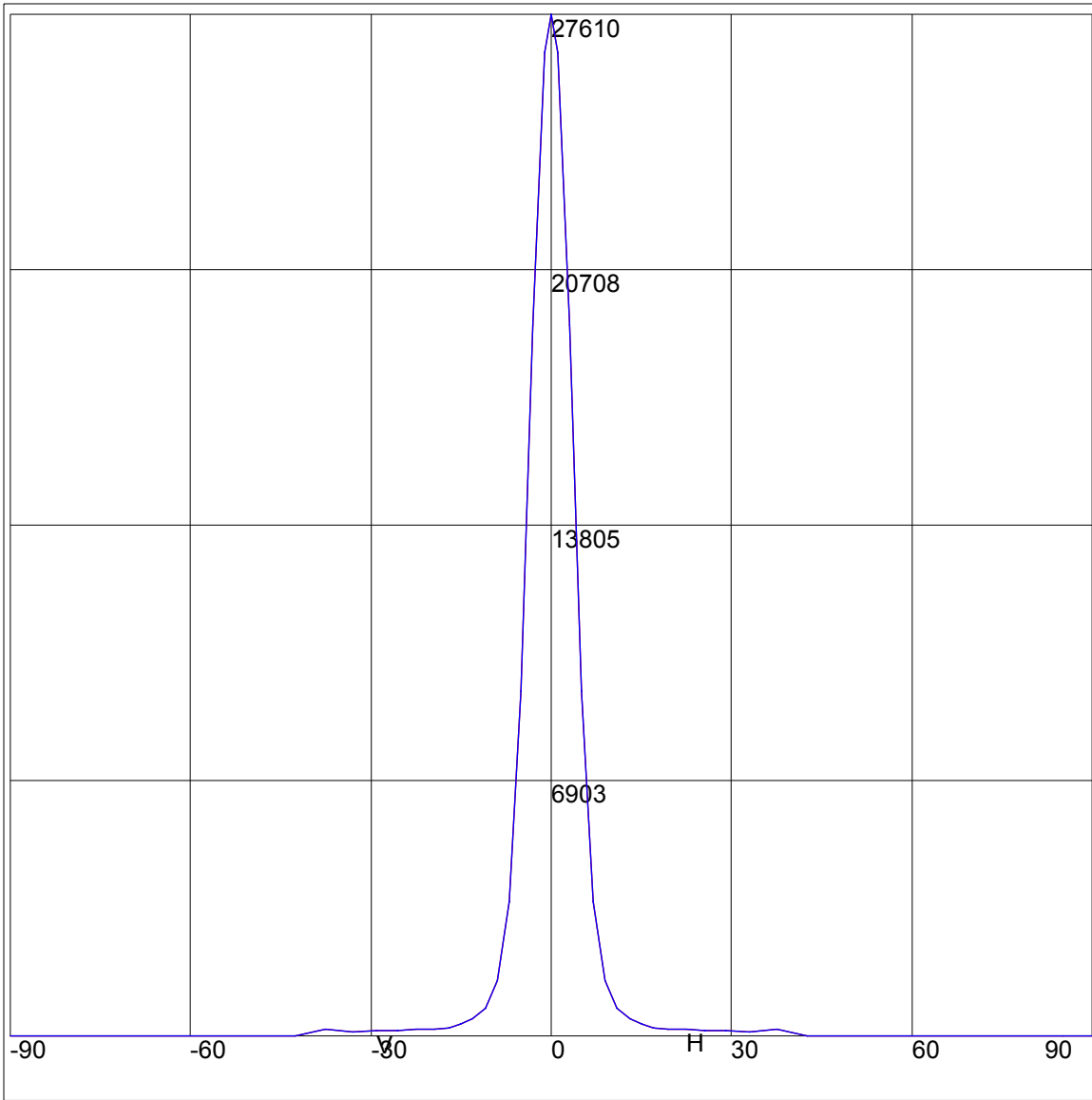


**IES FLOOD REPORT**  
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**AXIAL CANDELA**

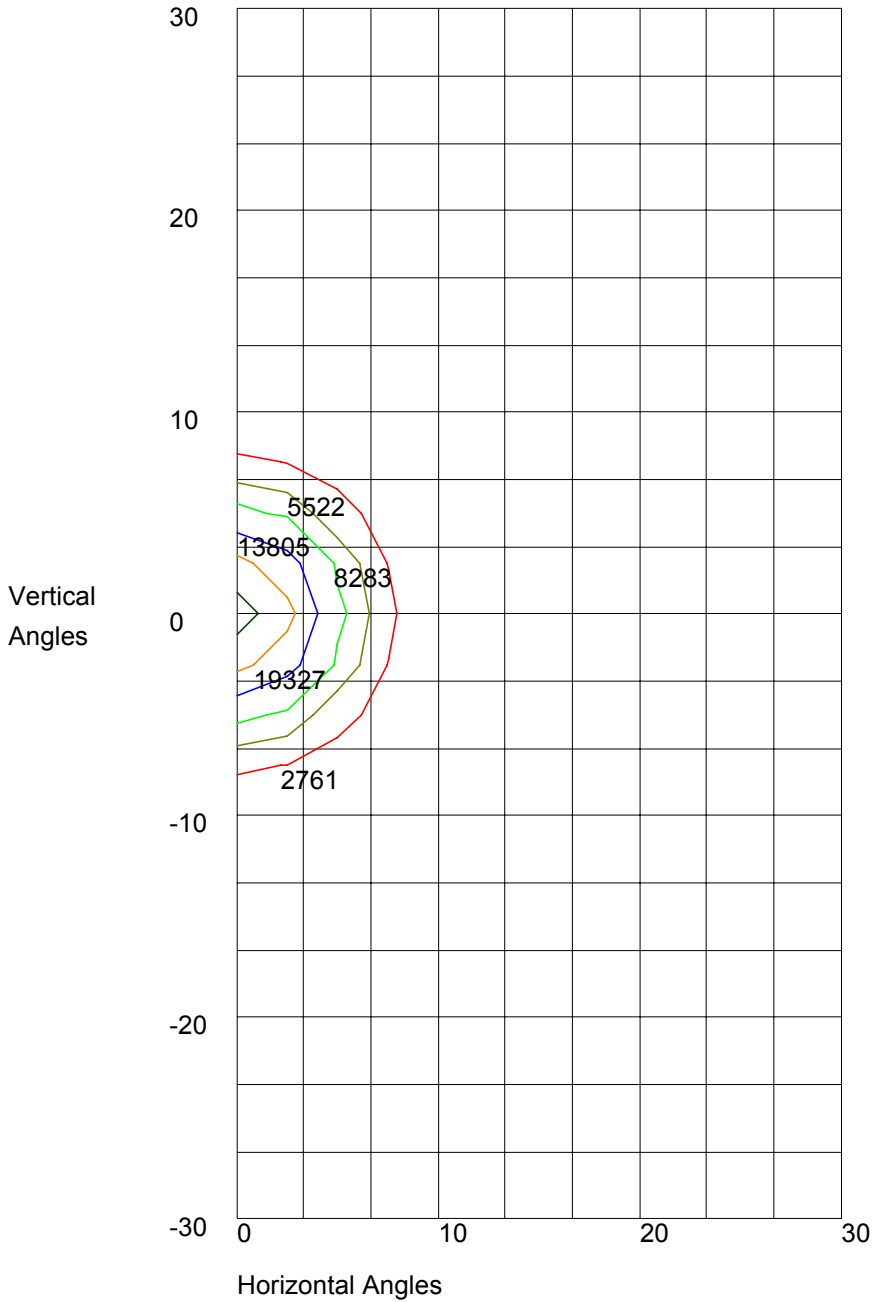
| DEG.  | HOR.  | DEG.  | VERT. |
|-------|-------|-------|-------|
| 90    | 8     | 90    | 8     |
| 85    | 9     | 85    | 9     |
| 75    | 10    | 75    | 10    |
| 65    | 10    | 65    | 10    |
| 55    | 11    | 55    | 11    |
| 47.5  | 13    | 47.5  | 13    |
| 42.5  | 34    | 42.5  | 34    |
| 37.5  | 205   | 37.5  | 205   |
| 33    | 128   | 33    | 128   |
| 29    | 152   | 29    | 152   |
| 25.5  | 170   | 25.5  | 170   |
| 22.5  | 196   | 22.5  | 196   |
| 19.5  | 203   | 19.5  | 203   |
| 17    | 246   | 17    | 246   |
| 15    | 332   | 15    | 332   |
| 13    | 480   | 13    | 480   |
| 11    | 761   | 11    | 761   |
| 9     | 1495  | 9     | 1495  |
| 7     | 3652  | 7     | 3652  |
| 5     | 9331  | 5     | 9331  |
| 3     | 19201 | 3     | 19201 |
| 1     | 26584 | 1     | 26584 |
| 0     | 27610 | 0     | 27610 |
| -1    | 26584 | -1    | 26584 |
| -3    | 19201 | -3    | 19201 |
| -5    | 9331  | -5    | 9331  |
| -7    | 3652  | -7    | 3652  |
| -9    | 1495  | -9    | 1495  |
| -11   | 761   | -11   | 761   |
| -13   | 480   | -13   | 480   |
| -15   | 332   | -15   | 332   |
| -17   | 246   | -17   | 246   |
| -19.5 | 203   | -19.5 | 203   |
| -22.5 | 196   | -22.5 | 196   |
| -25.5 | 170   | -25.5 | 170   |
| -29   | 152   | -29   | 152   |
| -33   | 128   | -33   | 128   |
| -37.5 | 205   | -37.5 | 205   |
| -42.5 | 34    | -42.5 | 34    |
| -47.5 | 13    | -47.5 | 13    |
| -55   | 11    | -55   | 11    |
| -65   | 10    | -65   | 10    |
| -75   | 10    | -75   | 10    |
| -85   | 9     | -85   | 9     |
| -90   | 8     | -90   | 8     |

AXIAL CANDELA DISPLAY



Maximum Candela = 27610 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 27610 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 13805  
10% Maximum Candela = 2761