



8165 E. Kaiser Blvd. Anaheim, CA 92808  
p. 714.282.2270  
f. 714.676.5558

## Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L021606607.IES**

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] L021606607  
[TESTLAB] LIGHT LABORATORY, INC.  
[ISSUEDATE] 3/3/2016  
[MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING  
[LUMCAT] 1188TG-B-NS-30-A-MV-CX-ND  
[LUMINAIRE] 12"DIA. X 12"H. LED Ingrade, NS Distribution  
[BALLASTCAT] ERP ESP040W-0900-42  
[LAMPPOSITION] 0,0  
[LAMPCAT] N/A  
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
[REMARK] THIS FILE IS GENERATED FROM LIGHT LABORATORY REPORT L021606601.  
[MORE] PER CLIENT'S REQUEST, CANDELA AND ELECTRICAL VALUES ARE PRORATED  
[MORE] BY USING THE OUTPUT CURRENT RATIO OF THE DRIVER(0.78=700mA/900mA).  
[INPUT] 120VAC, 28.32W  
[TEST PROCEDURE] IESNA:LM-79-08

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

### CHARACTERISTICS

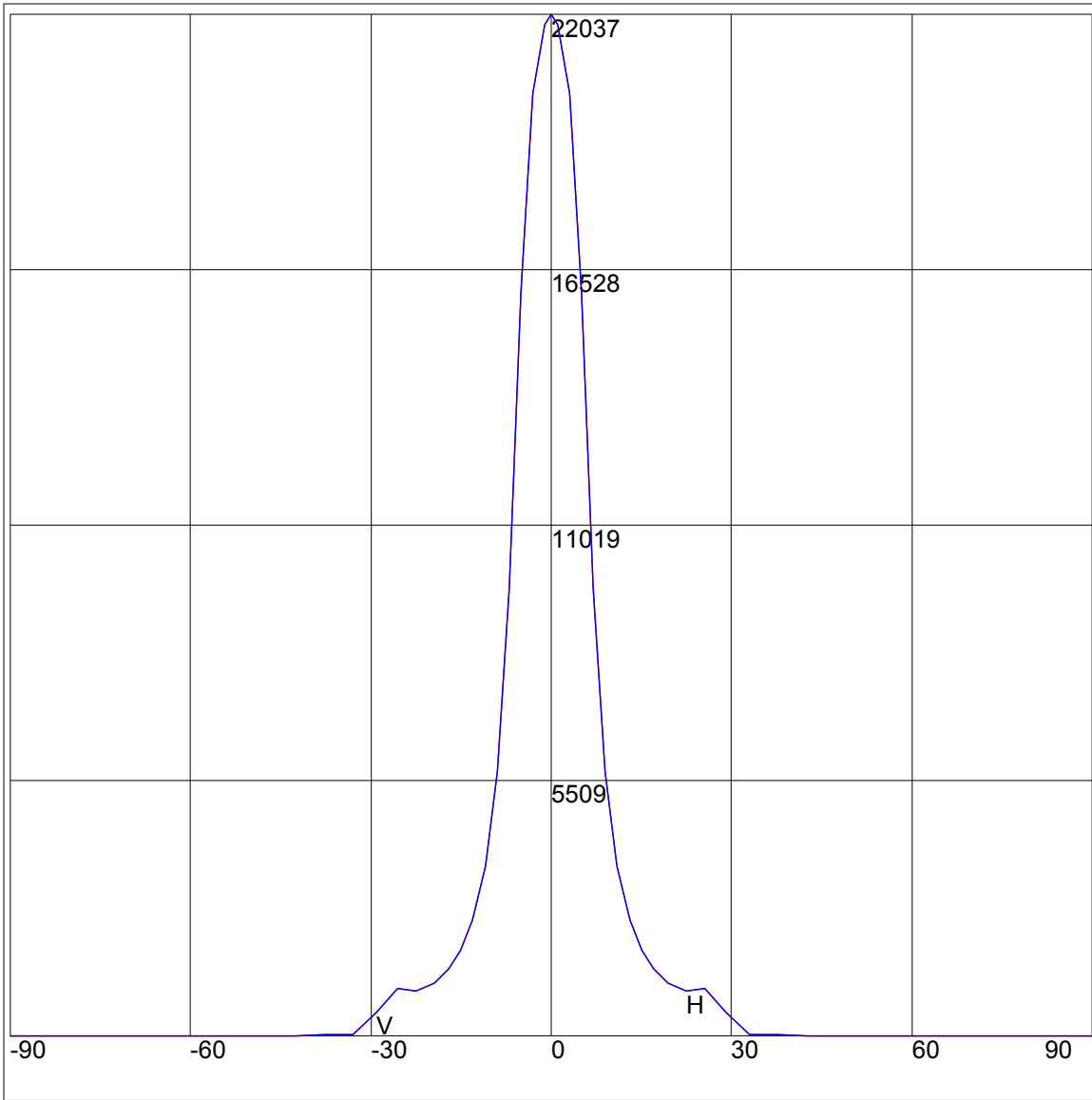
|                              |                 |
|------------------------------|-----------------|
| NEMA Type                    | 2 H x 2 V       |
| Maximum Candela              | 22037           |
| Maximum Candela Angle        | 0H 0V           |
| Horizontal Beam Angle (50%)  | 13.2            |
| Vertical Beam Angle (50%)    | 13.2            |
| Horizontal Field Angle (10%) | 27.9            |
| Vertical Field Angle (10%)   | 27.9            |
| Lumens Per Lamp              | N.A. (absolute) |
| Total Lamp Lumens            | N.A. (absolute) |
| Beam Lumens                  | 720             |
| Beam Efficiency              | N.A.            |
| Field Lumens                 | 1334            |
| Field Efficiency             | N.A.            |
| Spill Lumens                 | 847             |
| Luminaire Lumens             | 2180            |
| Total Efficiency             | N.A.            |
| Total Luminaire Watts        | 28.32           |
| Ballast Factor               | 1.00            |

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L021606607.IES**

**AXIAL CANDELA**

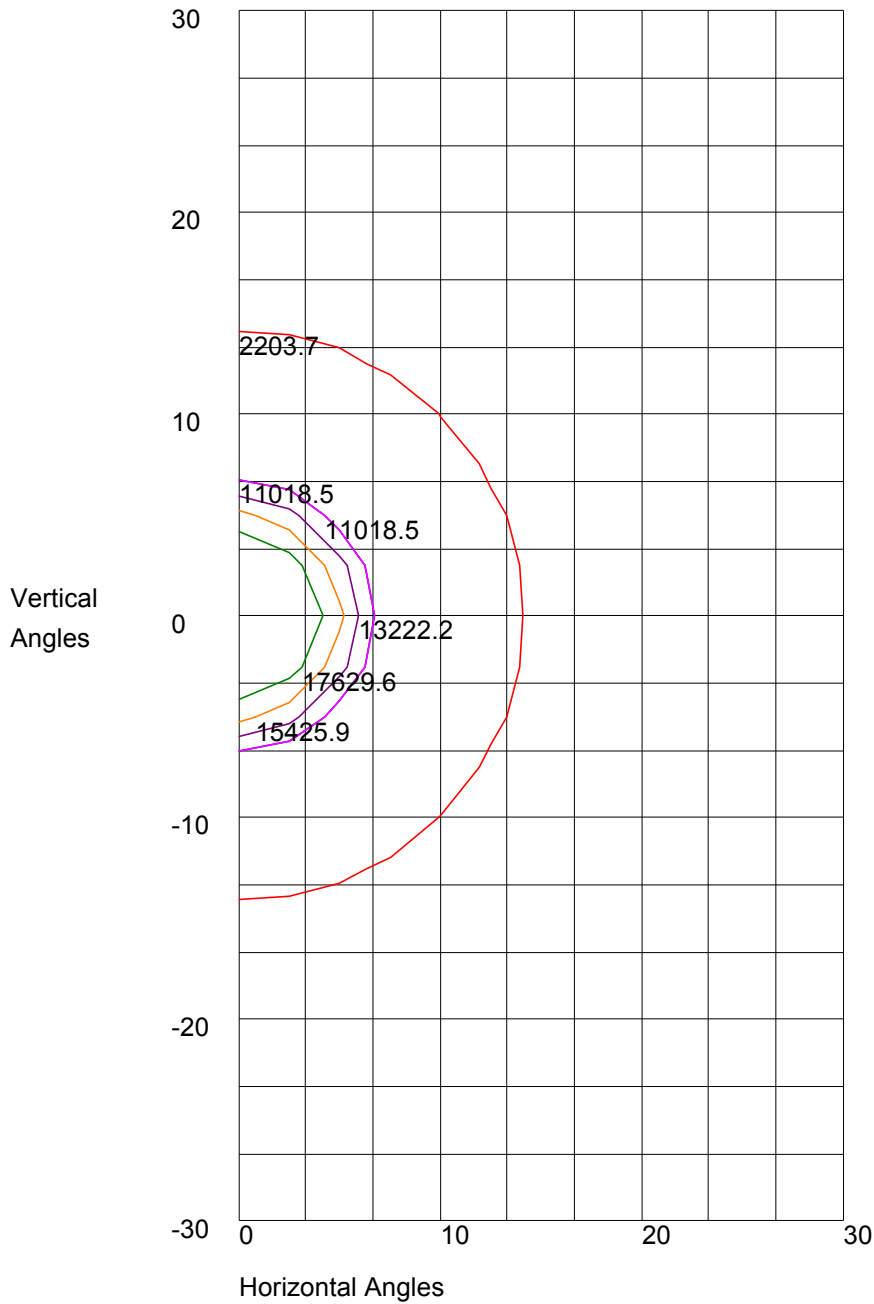
| DEG.  | HOR.  | DEG.  | VERT. |
|-------|-------|-------|-------|
| 90    | 0     | 90    | 0     |
| 85    | 11    | 85    | 11    |
| 75    | 12    | 75    | 12    |
| 65    | 14    | 65    | 14    |
| 55    | 16    | 55    | 16    |
| 47.5  | 20    | 47.5  | 20    |
| 42.5  | 24    | 42.5  | 24    |
| 37.5  | 34    | 37.5  | 34    |
| 33    | 55    | 33    | 55    |
| 29    | 523   | 29    | 523   |
| 25.5  | 1031  | 25.5  | 1031  |
| 22.5  | 983   | 22.5  | 983   |
| 19.5  | 1158  | 19.5  | 1158  |
| 17    | 1470  | 17    | 1470  |
| 15    | 1855  | 15    | 1855  |
| 13    | 2513  | 13    | 2513  |
| 11    | 3661  | 11    | 3661  |
| 9     | 5705  | 9     | 5705  |
| 7     | 9663  | 7     | 9663  |
| 5     | 16043 | 5     | 16043 |
| 3     | 20348 | 3     | 20348 |
| 1     | 21818 | 1     | 21818 |
| 0     | 22037 | 0     | 22037 |
| -1    | 21818 | -1    | 21818 |
| -3    | 20348 | -3    | 20348 |
| -5    | 16043 | -5    | 16043 |
| -7    | 9663  | -7    | 9663  |
| -9    | 5705  | -9    | 5705  |
| -11   | 3661  | -11   | 3661  |
| -13   | 2513  | -13   | 2513  |
| -15   | 1855  | -15   | 1855  |
| -17   | 1470  | -17   | 1470  |
| -19.5 | 1158  | -19.5 | 1158  |
| -22.5 | 983   | -22.5 | 983   |
| -25.5 | 1031  | -25.5 | 1031  |
| -29   | 523   | -29   | 523   |
| -33   | 55    | -33   | 55    |
| -37.5 | 34    | -37.5 | 34    |
| -42.5 | 24    | -42.5 | 24    |
| -47.5 | 20    | -47.5 | 20    |
| -55   | 16    | -55   | 16    |
| -65   | 14    | -65   | 14    |
| -75   | 12    | -75   | 12    |
| -85   | 11    | -85   | 11    |
| -90   | 0     | -90   | 0     |

AXIAL CANDELA DISPLAY



Maximum Candela = 22037 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 22037 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 11018.5  
10% Maximum Candela = 2203.7