



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] RK91-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

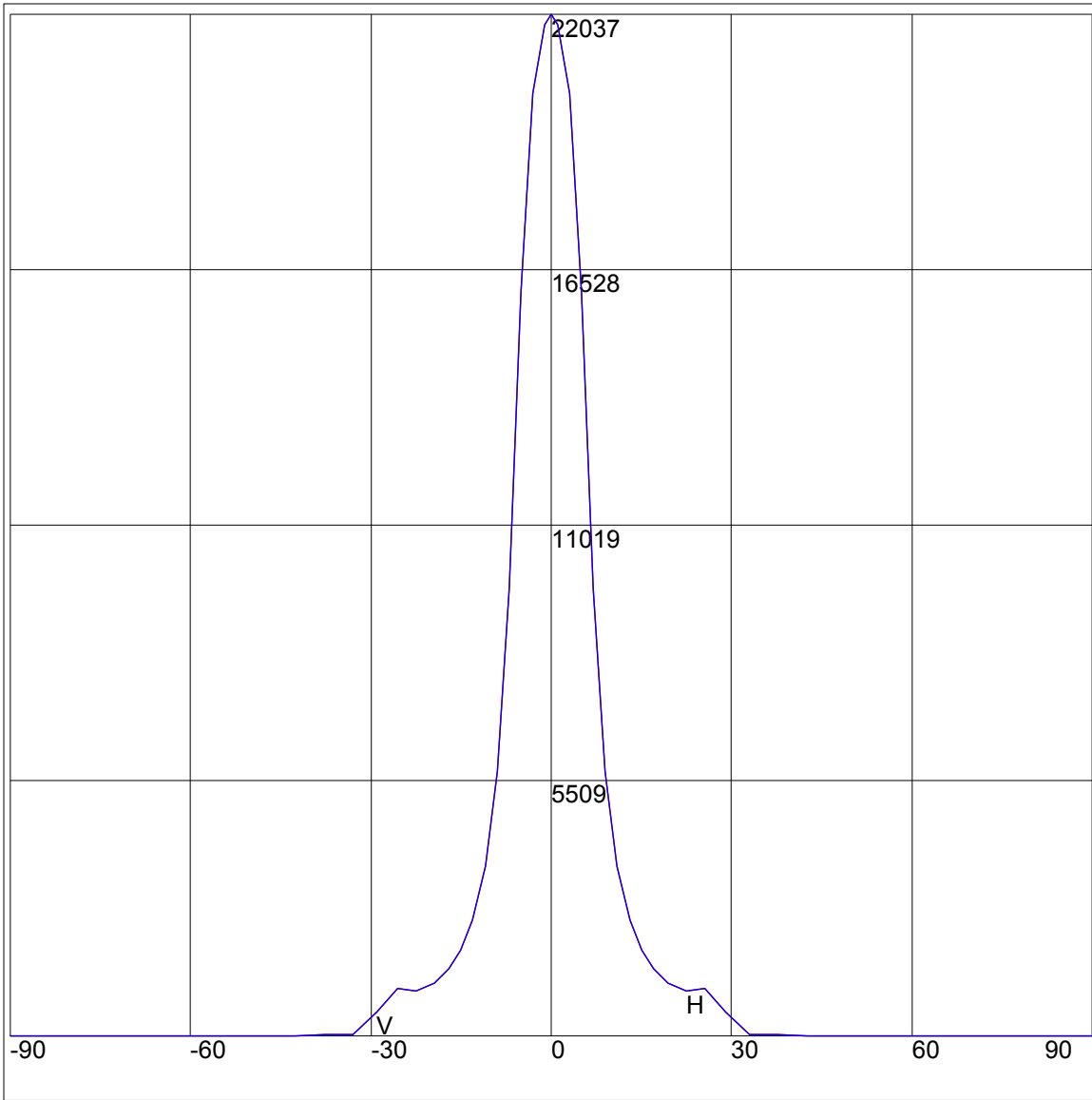
| | |
|------------------------------|-----------------|
| NEMA Type | 2 H x 2 V |
| Maximum Candela | 22037 |
| Maximum Candela Angle | 0H 0V |
| Horizontal Beam Angle (50%) | 13.2 |
| Vertical Beam Angle (50%) | 13.2 |
| Horizontal Field Angle (10%) | 27.9 |
| Vertical Field Angle (10%) | 27.9 |
| 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 |

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AXIAL CANDELA

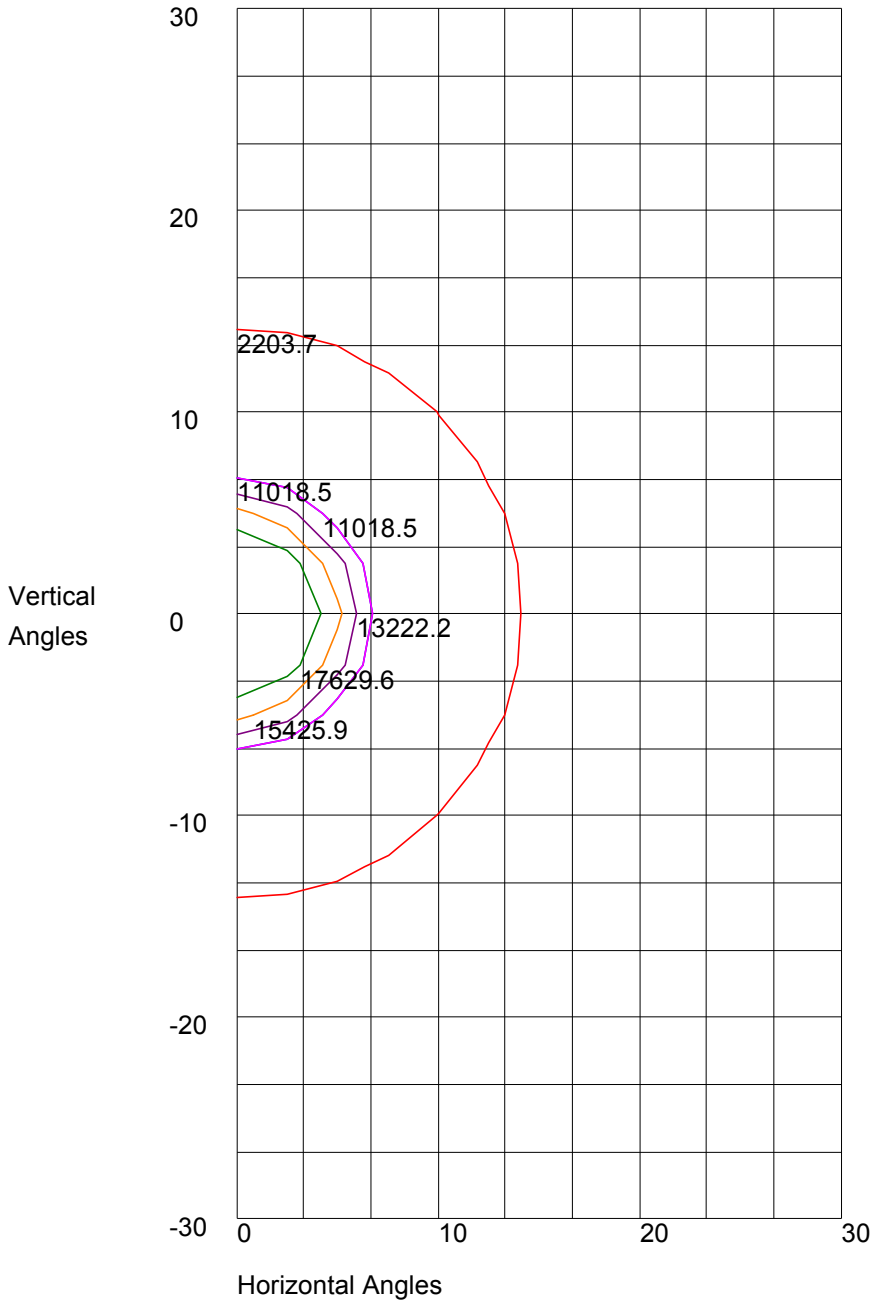
| DEG. | HOR. | DEG. | VERT. |
|-------|-------|-------|-------|
| 90 | 0 | 90 | 0 |
| 85 | 11 | 85 | 11 |
| 75 | 12 | 75 | 12 |
| 65 | 14 | 65 | 14 |
| 55 | 16 | 55 | 16 |
| 47.5 | 20 | 47.5 | 20 |
| 42.5 | 24 | 42.5 | 24 |
| 37.5 | 34 | 37.5 | 34 |
| 33 | 55 | 33 | 55 |
| 29 | 523 | 29 | 523 |
| 25.5 | 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