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Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L021606614.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L021606614
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUEDATE] 3/4/2016
[MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING
[LUMCAT] 1188TG-B-MF-30-B-MV-CX-ND
[LUMINAIRE] 12"DIA. X 12"H. LED Ingrade, MF 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 L021606602.
[MORE] PER CLIENT'S REQUEST, CANDELA AND ELECTRICAL VALUES ARE PRORATED
[MORE] BY USING THE OUTPUT CURRENT RATIO OF THE DRIVER(0.89=800mA/900mA).
[INPUT] 120VAC, 31.52W
[TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

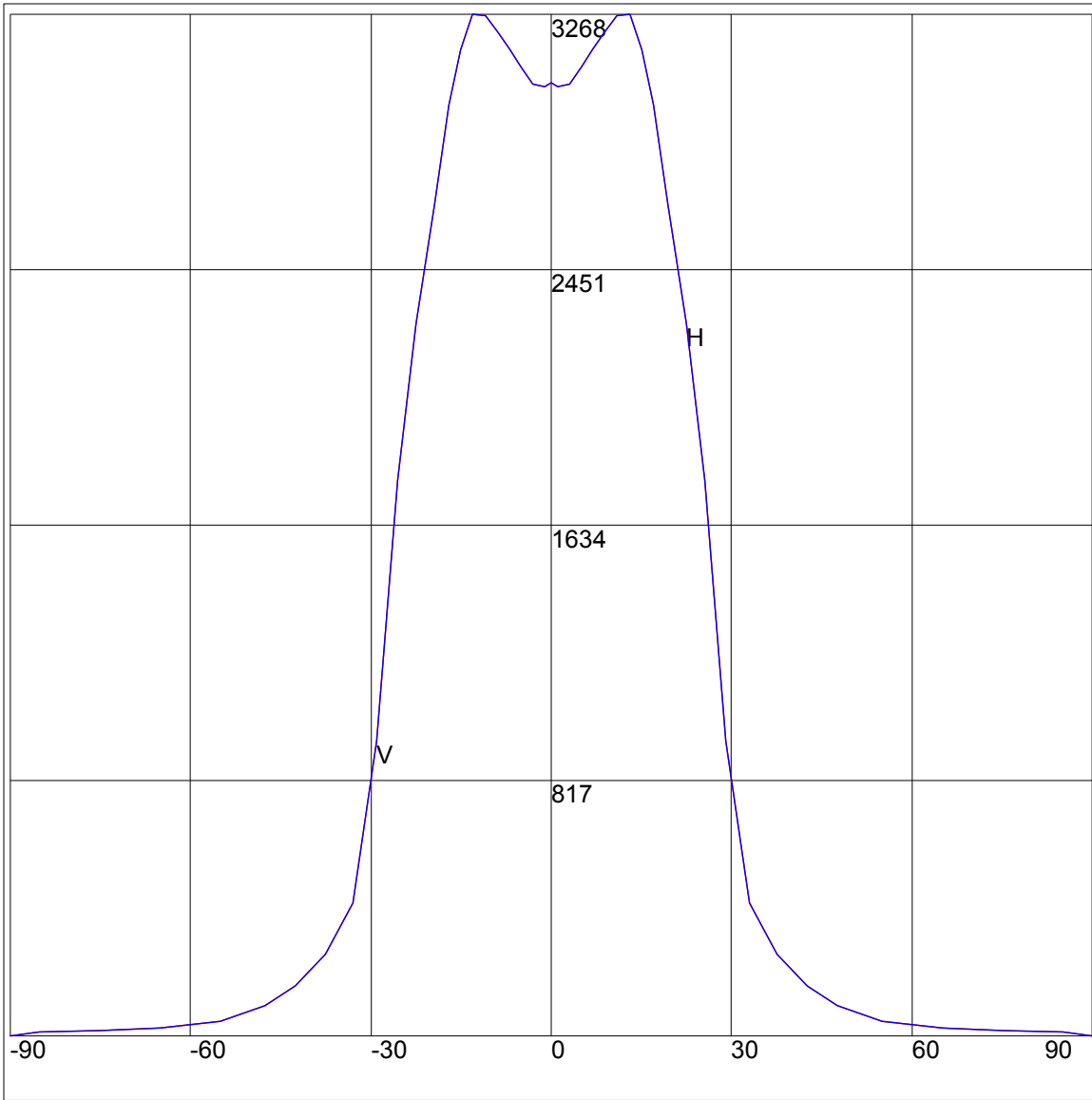
| | |
|------------------------------|-----------------|
| NEMA Type | 5 H x 4 V |
| Maximum Candela | 3268 |
| Maximum Candela Angle | -13H -1V |
| Horizontal Beam Angle (50%) | 52.2 |
| Vertical Beam Angle (50%) | 45.7 |
| Horizontal Field Angle (10%) | 71.5 |
| Vertical Field Angle (10%) | 67.4 |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Beam Lumens | 1708 |
| Beam Efficiency | N.A. |
| Field Lumens | 2138 |
| Field Efficiency | N.A. |
| Spill Lumens | 280 |
| Luminaire Lumens | 2418 |
| Total Efficiency | N.A. |
| Total Luminaire Watts | 31.52 |
| Ballast Factor | 1.00 |

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AXIAL CANDELA

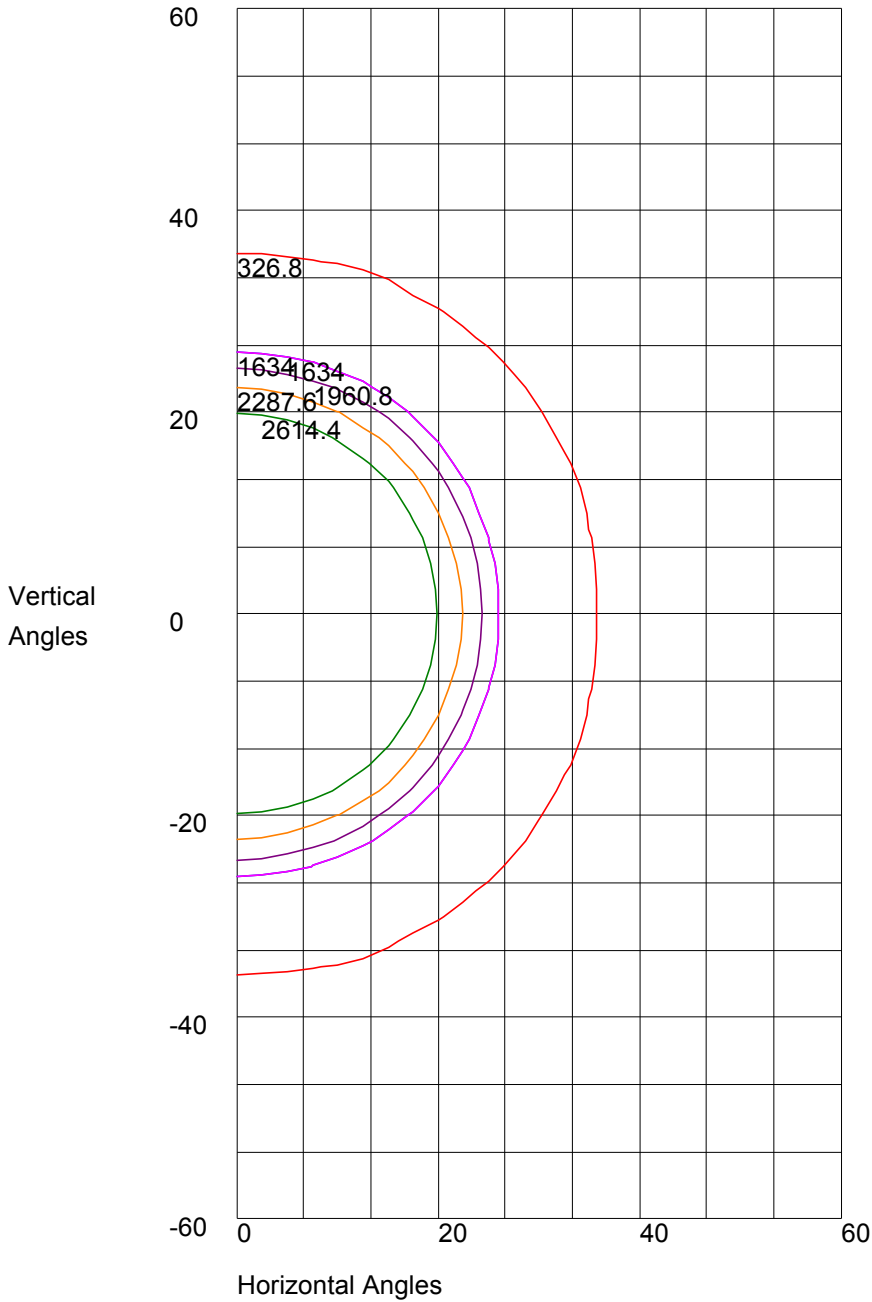
| DEG. | HOR. | DEG. | VERT. |
|-------|------|-------|-------|
| 90 | 0 | 90 | 0 |
| 85 | 14 | 85 | 14 |
| 75 | 17 | 75 | 17 |
| 65 | 26 | 65 | 26 |
| 55 | 50 | 55 | 50 |
| 47.5 | 97 | 47.5 | 97 |
| 42.5 | 163 | 42.5 | 163 |
| 37.5 | 263 | 37.5 | 263 |
| 33 | 426 | 33 | 426 |
| 29 | 943 | 29 | 943 |
| 25.5 | 1777 | 25.5 | 1777 |
| 22.5 | 2278 | 22.5 | 2278 |
| 19.5 | 2658 | 19.5 | 2658 |
| 17 | 2978 | 17 | 2978 |
| 15 | 3153 | 15 | 3153 |
| 13 | 3268 | 13 | 3268 |
| 11 | 3265 | 11 | 3265 |
| 9 | 3212 | 9 | 3212 |
| 7 | 3159 | 7 | 3159 |
| 5 | 3099 | 5 | 3099 |
| 3 | 3046 | 3 | 3046 |
| 1 | 3038 | 1 | 3038 |
| 0 | 3048 | 0 | 3048 |
| -1 | 3038 | -1 | 3038 |
| -3 | 3046 | -3 | 3046 |
| -5 | 3099 | -5 | 3099 |
| -7 | 3159 | -7 | 3159 |
| -9 | 3212 | -9 | 3212 |
| -11 | 3265 | -11 | 3265 |
| -13 | 3268 | -13 | 3268 |
| -15 | 3153 | -15 | 3153 |
| -17 | 2978 | -17 | 2978 |
| -19.5 | 2658 | -19.5 | 2658 |
| -22.5 | 2278 | -22.5 | 2278 |
| -25.5 | 1777 | -25.5 | 1777 |
| -29 | 943 | -29 | 943 |
| -33 | 426 | -33 | 426 |
| -37.5 | 263 | -37.5 | 263 |
| -42.5 | 163 | -42.5 | 163 |
| -47.5 | 97 | -47.5 | 97 |
| -55 | 50 | -55 | 50 |
| -65 | 26 | -65 | 26 |
| -75 | 17 | -75 | 17 |
| -85 | 14 | -85 | 14 |
| -90 | 0 | -90 | 0 |

AXIAL CANDELA DISPLAY



Maximum Candela = 3268 Located At Horizontal Angle =-13, Vertical Angle =-1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3268 Located At Horizontal Angle =-13, Vertical Angle =-1
50% Maximum Candela = 1634
10% Maximum Candela = 326.8