



8165 E. Kaiser Blvd. Anaheim, CA 92808
 www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805936.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L061805936
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 7/12/2018
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting
 [LUMCAT] RK97-B-MF-30-A-MV-CX-ND-LSF-T015
 [LUMINAIRE] LED Ingrade, Wall Wash Distribution
 [BALLASTCAT] ENERGY RECOVERY PRODUCTS ESP040W-0900-42(700mA)
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [TEST CONDITION] CANDELA VALUES AND ELECTRICALS ARE GENERATED FROM LIGHT LABORATORY
 [MORE] REPORT L061805934 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.78.
 [INPUT] 120VAC, 28.06W
 [TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

| | |
|------------------------------|-----------------|
| NEMA Type | 5 H x 5 V |
| Maximum Candela | 2140 |
| Maximum Candela Angle | 0H -13V |
| Horizontal Beam Angle (50%) | 45.6 |
| Vertical Beam Angle (50%) | 40.0 |
| Horizontal Field Angle (10%) | 92.3 |
| Vertical Field Angle (10%) | 97.7 |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Beam Lumens | 686 |
| Beam Efficiency | N.A. |
| Field Lumens | 1401 |
| Field Efficiency | N.A. |
| Spill Lumens | 330 |
| Luminaire Lumens | 1730 |
| Total Efficiency | N.A. |
| Total Luminaire Watts | 28.06 |
| Ballast Factor | 1.00 |

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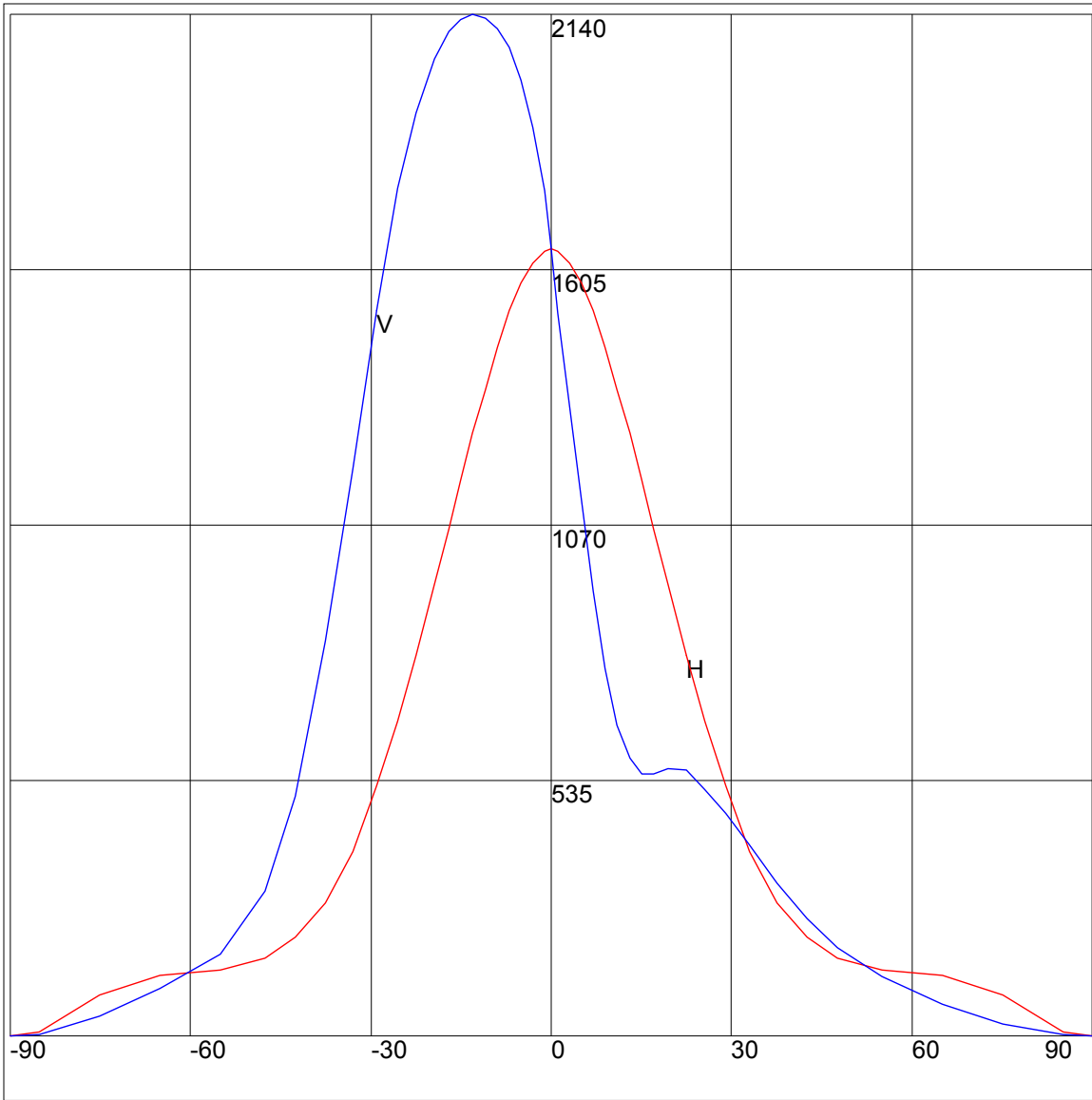
AXIAL CANDELA

| DEG. | HOR. | DEG. | VERT. |
|-------|------|-------|-------|
| 90 | 0 | 90 | 0 |
| 85 | 10 | 85 | 3 |
| 75 | 86 | 75 | 26 |
| 65 | 128 | 65 | 68 |
| 55 | 138 | 55 | 124 |
| 47.5 | 164 | 47.5 | 186 |
| 42.5 | 208 | 42.5 | 246 |
| 37.5 | 279 | 37.5 | 320 |
| 33 | 387 | 33 | 400 |
| 29 | 526 | 29 | 466 |
| 25.5 | 659 | 25.5 | 516 |
| 22.5 | 798 | 22.5 | 558 |
| 19.5 | 947 | 19.5 | 562 |
| 17 | 1062 | 17 | 551 |
| 15 | 1163 | 15 | 551 |
| 13 | 1264 | 13 | 583 |
| 11 | 1354 | 11 | 653 |
| 9 | 1443 | 9 | 771 |
| 7 | 1519 | 7 | 933 |
| 5 | 1577 | 5 | 1123 |
| 3 | 1618 | 3 | 1320 |
| 1 | 1644 | 1 | 1514 |
| 0 | 1650 | 0 | 1650 |
| -1 | 1644 | -1 | 1772 |
| -3 | 1618 | -3 | 1902 |
| -5 | 1577 | -5 | 2003 |
| -7 | 1519 | -7 | 2070 |
| -9 | 1443 | -9 | 2109 |
| -11 | 1354 | -11 | 2133 |
| -13 | 1264 | -13 | 2140 |
| -15 | 1163 | -15 | 2130 |
| -17 | 1062 | -17 | 2105 |
| -19.5 | 947 | -19.5 | 2046 |
| -22.5 | 798 | -22.5 | 1934 |
| -25.5 | 659 | -25.5 | 1775 |
| -29 | 526 | -29 | 1521 |
| -33 | 387 | -33 | 1189 |
| -37.5 | 279 | -37.5 | 829 |
| -42.5 | 208 | -42.5 | 504 |
| -47.5 | 164 | -47.5 | 304 |
| -55 | 138 | -55 | 171 |
| -65 | 128 | -65 | 100 |
| -75 | 86 | -75 | 42 |
| -85 | 10 | -85 | 4 |
| -90 | 0 | -90 | 0 |

ZONAL LUMEN SUMMARY

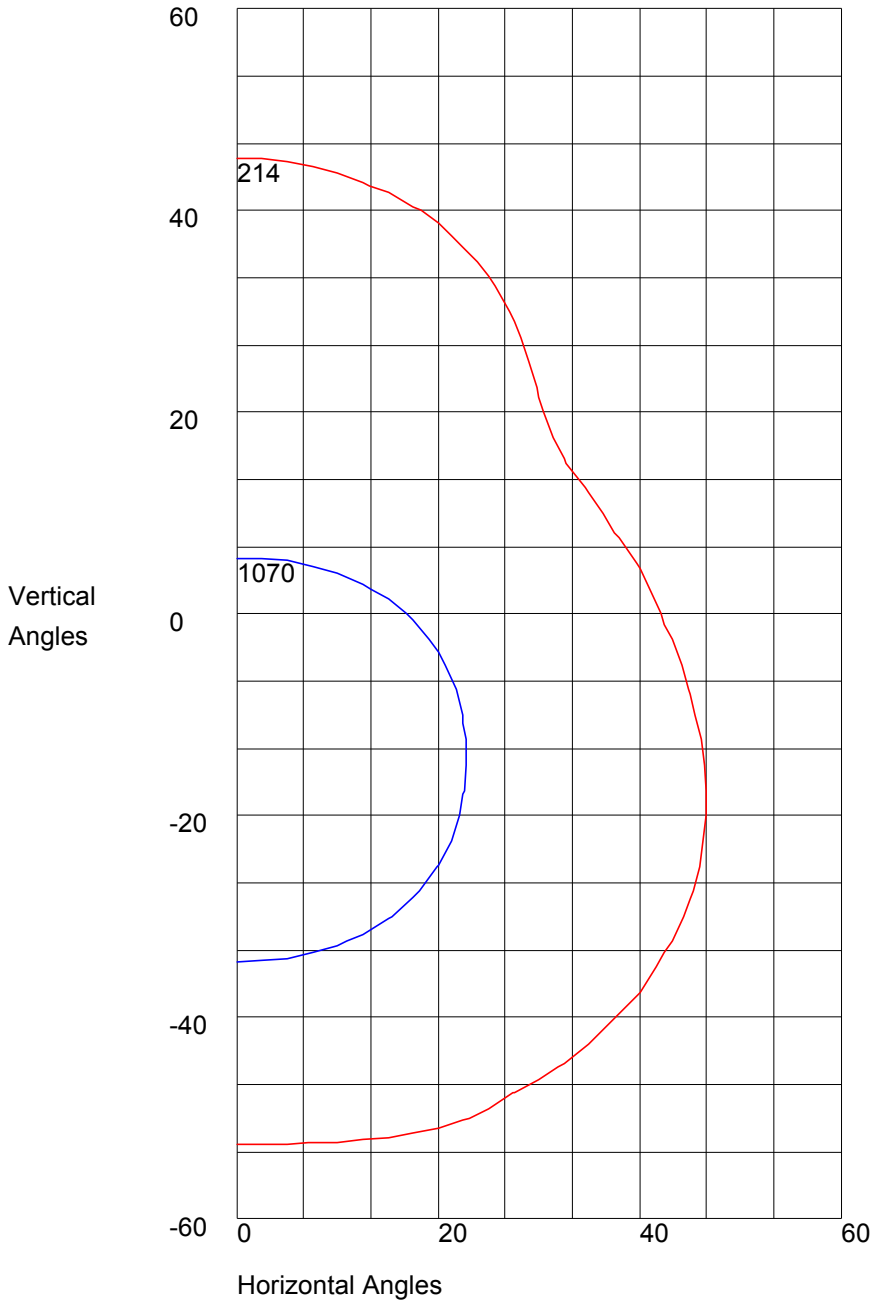
| Zone | % |
|---------|------|
| 0-20 | 27.1 |
| 0-30 | 49.8 |
| 0-40 | 67.2 |
| 0-60 | 87.3 |
| 0-80 | 98.1 |
| 0-90 | 100 |
| 10-90 | 93.2 |
| 20-40 | 40.1 |
| 20-50 | 53.7 |
| 40-70 | 26.5 |
| 60-80 | 10.8 |
| 70-80 | 4.4 |
| 80-90 | 1.9 |
| 90-110 | 0 |
| 90-120 | 0 |
| 90-130 | 0 |
| 90-150 | 0 |
| 90-180 | 0 |
| 110-180 | 0 |
| 0-180 | 100 |

AXIAL CANDELA DISPLAY



Maximum Candela = 2140 Located At Horizontal Angle = 0, Vertical Angle = -13
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2140 Located At Horizontal Angle = 0, Vertical Angle = -13
50% Maximum Candela = 1070
10% Maximum Candela = 214