



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805937.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L061805937
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 7/12/2018
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting
 [LUMCAT] RK94-B-NS-30-C-MV-CX-ND-LSF
 [LUMINAIRE] LED Ingrade, NS Distribution, Linear Spread Filter
 [BALLASTCAT] ENERGY RECOVERY PRODUCTS ESS030W-0620-42(620mA)
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [INPUT] 120VAC, 25.47W
 [TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

| | |
|------------------------------|-----------------|
| NEMA Type | 4 H x 5 V |
| Maximum Candela | 5628 |
| Maximum Candela Angle | 0H 0V |
| Horizontal Beam Angle (50%) | 15.9 |
| Vertical Beam Angle (50%) | 36.3 |
| Horizontal Field Angle (10%) | 49.5 |
| Vertical Field Angle (10%) | 71.7 |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Beam Lumens | 501 |
| Beam Efficiency | N.A. |
| Field Lumens | 1326 |
| Field Efficiency | N.A. |
| Spill Lumens | 537 |
| Luminaire Lumens | 1863 |
| Total Efficiency | N.A. |
| Total Luminaire Watts | 25.47 |
| Ballast Factor | 1.00 |

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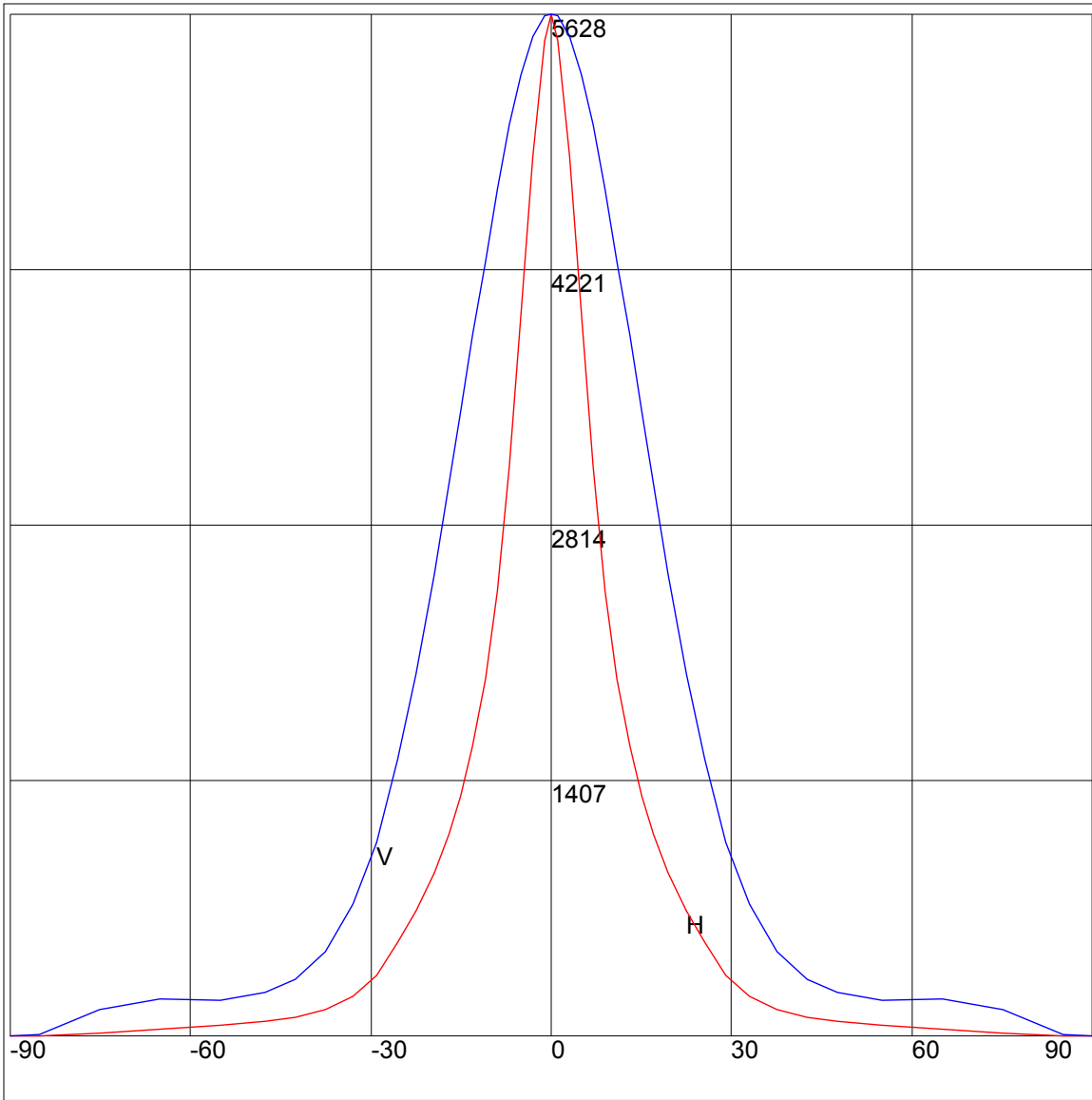
AXIAL CANDELA

| DEG. | HOR. | DEG. | VERT. |
|-------|------|-------|-------|
| 90 | 0 | 90 | 0 |
| 85 | 2 | 85 | 12 |
| 75 | 16 | 75 | 150 |
| 65 | 38 | 65 | 205 |
| 55 | 58 | 55 | 199 |
| 47.5 | 81 | 47.5 | 239 |
| 42.5 | 106 | 42.5 | 315 |
| 37.5 | 149 | 37.5 | 469 |
| 33 | 223 | 33 | 725 |
| 29 | 337 | 29 | 1070 |
| 25.5 | 520 | 25.5 | 1523 |
| 22.5 | 695 | 22.5 | 1995 |
| 19.5 | 902 | 19.5 | 2550 |
| 17 | 1114 | 17 | 3038 |
| 15 | 1325 | 15 | 3442 |
| 13 | 1597 | 13 | 3857 |
| 11 | 1967 | 11 | 4266 |
| 9 | 2450 | 9 | 4666 |
| 7 | 3135 | 7 | 5021 |
| 5 | 3976 | 5 | 5293 |
| 3 | 4847 | 3 | 5503 |
| 1 | 5484 | 1 | 5619 |
| 0 | 5628 | 0 | 5628 |
| -1 | 5484 | -1 | 5619 |
| -3 | 4847 | -3 | 5503 |
| -5 | 3976 | -5 | 5293 |
| -7 | 3135 | -7 | 5021 |
| -9 | 2450 | -9 | 4666 |
| -11 | 1967 | -11 | 4266 |
| -13 | 1597 | -13 | 3857 |
| -15 | 1325 | -15 | 3442 |
| -17 | 1114 | -17 | 3038 |
| -19.5 | 902 | -19.5 | 2550 |
| -22.5 | 695 | -22.5 | 1995 |
| -25.5 | 520 | -25.5 | 1523 |
| -29 | 337 | -29 | 1070 |
| -33 | 223 | -33 | 725 |
| -37.5 | 149 | -37.5 | 469 |
| -42.5 | 106 | -42.5 | 315 |
| -47.5 | 81 | -47.5 | 239 |
| -55 | 58 | -55 | 199 |
| -65 | 38 | -65 | 205 |
| -75 | 16 | -75 | 150 |
| -85 | 2 | -85 | 12 |
| -90 | 0 | -90 | 0 |

ZONAL LUMEN SUMMARY

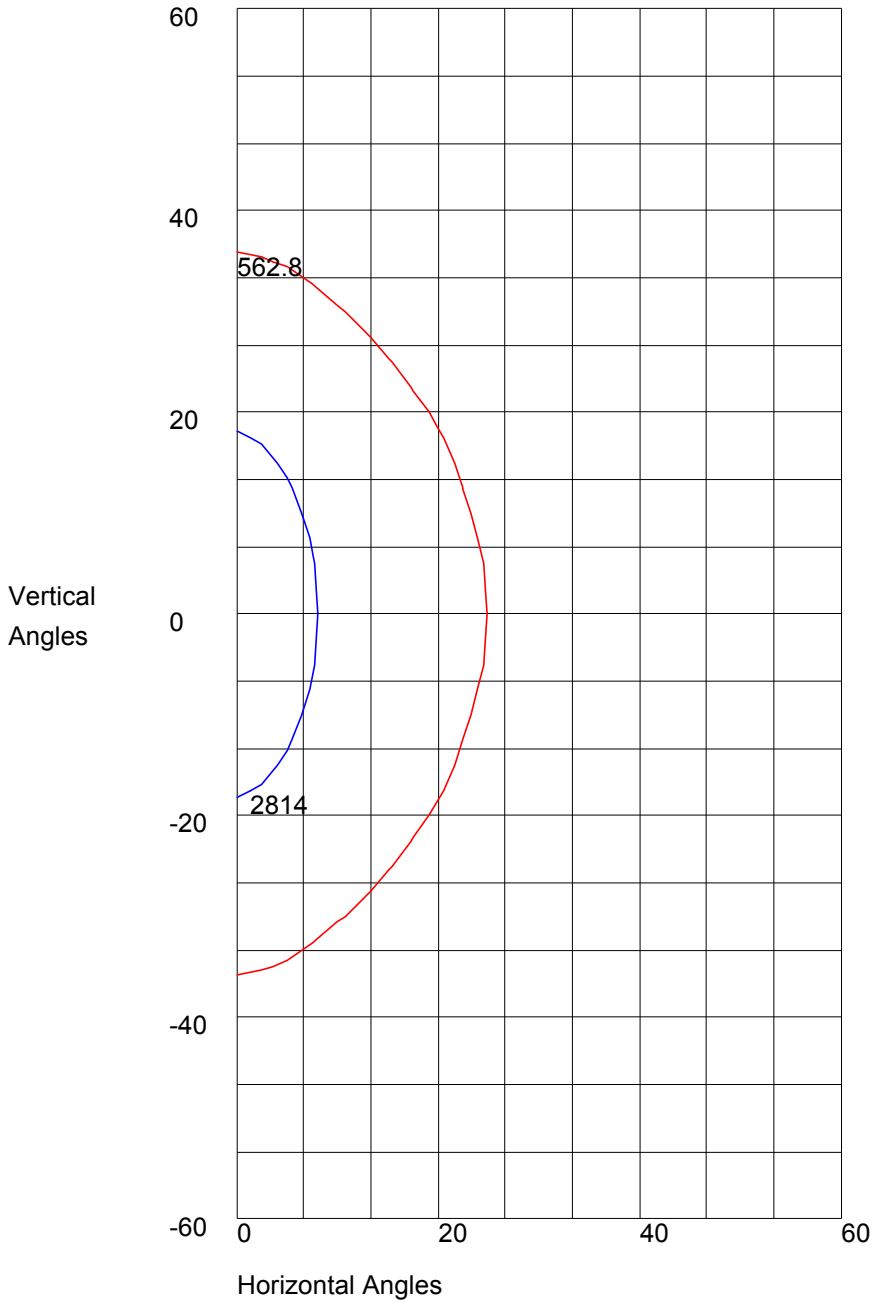
| Zone | % |
|---------|------|
| 0-20 | 51.1 |
| 0-30 | 72 |
| 0-40 | 82.9 |
| 0-60 | 93.5 |
| 0-80 | 99.6 |
| 0-90 | 100 |
| 10-90 | 79.2 |
| 20-40 | 31.7 |
| 20-50 | 37.8 |
| 40-70 | 14.4 |
| 60-80 | 6.1 |
| 70-80 | 2.3 |
| 80-90 | 0.4 |
| 90-110 | 0 |
| 90-120 | 0 |
| 90-130 | 0 |
| 90-150 | 0 |
| 90-180 | 0 |
| 110-180 | 0 |
| 0-180 | 100 |

AXIAL CANDELA DISPLAY



Maximum Candela = 5628 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 5628 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 2814
10% Maximum Candela = 562.8