

IES REPORT

Wedge | Slope | 707

Slope | Asymmetric, White/Black | 80 CRI | Low Output

707-WE-SL-4-48-XX-XX-XX-XX-X-X-Z-LO-XX-RA-X-WH/BL-X

| Reporting by Color Temperature | 2700K | 3000K | 3500K | 4000K |
|--|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 101 | 104 | 106 | 106 |
| Total Lumens, 4' rail length (1219mm) | 1495 | 1543 | 1574 | 1574 |
| Lumens per foot (305mm) | 374 | 386 | 394 | 394 |
| Input Power (W), 4' rail length (1219mm) | 14.9 | 14.9 | 14.9 | 14.9 |
| Watts per foot (305mm) | 3.8 | 3.8 | 3.8 | 3.8 |
| CRI | 80 | 80 | 80 | 80 |

Due to the large number of options in Vode's product offering, most Vode IES reports are factored reports prepared from source reports. Source reports are the IES test reports prepared for Vode by an NVLAP accredited photometric test laboratory. Factored reports are based on data from the Vode source reports.

If the data above is in black, it is directly from a Vode source report. If it is in grey, it is factored from Vode source reports. Reference details on Vode source reports can be found on the IES File Finder page on vode.com.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 707_WE_RA_LO_358_WH-AL.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L042412201 (SOURCE REPORT FOR REFERENCE)
[TESTLAB] REPORT BASED ON DATA FROM NVLAP ACCREDITED LAB
[ISSUE DATE] 5/30/2024
[MANUFAC] Vode Lighting LLC
[LUMCAT] 707-WE-48-35-80-RA-WH_LO
[LUMINAIRE] Wedge, Slope, Asymmetric, 48", 3500K, 80 CRI, white, low output
[MORE] Wedge, Low Output, White
[TEST PROCEDURE] IESNA:LM-79-19

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 1574 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 106 |
| Total Luminaire Watts | 14.9 |
| Ballast Factor | 1.00 |
| CIE Type | Indirect |
| Spacing Criterion (0-180) | N.A. |
| Spacing Criterion (90-270) | N.A. |
| Spacing Criterion (Diagonal) | N.A. |
| Basic Luminous Shape | Rectangular |
| Luminous Length (0-180) | 0.19 ft |
| Luminous Width (90-270) | 4.00 ft |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 23 | 23 | 35 |
| 55 | 29 | 29 | 43 |
| 65 | 39 | 39 | 78 |
| 75 | 63 | 95 | 127 |
| 85 | 282 | 282 | 471 |

CANDELA TABULATION

| | <u>0</u> | <u>5</u> | <u>10</u> | <u>15</u> | <u>20</u> | <u>25</u> | <u>30</u> | <u>35</u> | <u>40</u> | <u>45</u> |
|------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 5 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 10 | 4.06 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 |
| 15 | 2.90 | 2.90 | 2.90 | 3.48 | 2.90 | 2.90 | 2.90 | 3.48 | 3.48 | 3.48 |
| 20 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 25 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 |
| 30 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 35 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 40 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 45 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 |
| 50 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 |
| 55 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 |
| 60 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 |
| 65 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 |
| 70 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 |
| 75 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.74 | 1.74 |
| 80 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 85 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 90 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 | 5.22 | 5.22 | 5.22 | 5.22 | 5.22 |
| 95 | 41.18 | 41.18 | 41.76 | 42.34 | 42.34 | 42.92 | 43.50 | 44.66 | 44.66 | 44.66 |
| 100 | 117.16 | 117.74 | 119.48 | 120.06 | 122.38 | 124.70 | 127.02 | 129.34 | 131.66 | 132.24 |
| 105 | 266.80 | 268.54 | 270.86 | 274.92 | 279.56 | 285.36 | 290.58 | 293.48 | 294.06 | 289.42 |
| 110 | 509.24 | 512.14 | 513.30 | 515.04 | 515.04 | 513.88 | 509.24 | 499.96 | 481.98 | 451.24 |
| 115 | 718.62 | 716.88 | 714.56 | 707.60 | 697.74 | 683.24 | 664.68 | 637.42 | 593.34 | 538.82 |
| 120 | 849.12 | 845.06 | 841.58 | 833.46 | 817.22 | 791.70 | 750.52 | 698.90 | 634.52 | 572.46 |
| 125 | 931.48 | 916.40 | 901.90 | 876.96 | 834.04 | 785.90 | 731.96 | 676.86 | 621.76 | 568.40 |
| 130 | 843.32 | 825.92 | 811.42 | 784.16 | 752.26 | 714.56 | 673.38 | 613.64 | 560.86 | 532.44 |
| 135 | 709.92 | 697.74 | 684.40 | 662.94 | 636.84 | 611.90 | 584.64 | 559.70 | 531.86 | 505.18 |
| 140 | 613.64 | 605.52 | 599.72 | 589.86 | 577.68 | 561.44 | 545.20 | 527.80 | 509.24 | 490.68 |
| 145 | 560.86 | 555.64 | 552.16 | 545.78 | 537.66 | 527.22 | 516.78 | 504.60 | 490.68 | 476.76 |
| 150 | 525.48 | 520.84 | 519.10 | 513.88 | 507.50 | 499.96 | 493.00 | 483.72 | 473.28 | 461.68 |
| 155 | 493.00 | 490.68 | 490.10 | 486.62 | 481.98 | 476.18 | 470.96 | 460.52 | 438.48 | 419.92 |
| 160 | 462.26 | 459.94 | 458.78 | 457.04 | 452.98 | 444.28 | 424.56 | 407.16 | 390.92 | 375.26 |
| 165 | 423.98 | 422.82 | 422.24 | 418.76 | 393.24 | 373.52 | 360.18 | 353.22 | 348.58 | 338.14 |
| 170 | 359.60 | 359.60 | 338.72 | 309.72 | 292.90 | 294.06 | 311.46 | 322.48 | 331.76 | 336.40 |
| 175 | 241.86 | 241.28 | 244.76 | 266.80 | 294.64 | 309.72 | 316.68 | 322.48 | 325.96 | 330.02 |
| 180 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 |

Vert. Angles Horizontal Angles

| | <u>50</u> | <u>55</u> | <u>60</u> | <u>65</u> | <u>70</u> | <u>75</u> | <u>80</u> | <u>85</u> | <u>90</u> | <u>95</u> |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 5 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 10 | 3.48 | 3.48 | 4.06 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 |
| 15 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 2.90 | 2.90 | 2.90 | 2.90 |
| 20 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.32 | 2.90 | 2.90 |
| 25 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 |
| 30 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 2.32 | 1.74 | 2.32 |
| 35 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 40 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 45 | 1.16 | 1.16 | 1.16 | 1.16 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 50 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 55 | 1.16 | 1.16 | 1.16 | 1.16 | 1.16 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 |
| 60 | 1.16 | 1.16 | 1.16 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 2.32 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 707_WE_RA_LO_358_WH-AL.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 65 | 1.16 | 1.16 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 2.32 | 2.32 |
| 70 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 2.32 | 2.32 | 2.32 |
| 75 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 1.74 | 2.32 | 2.32 | 2.32 | 2.90 |
| 80 | 1.74 | 1.74 | 1.74 | 1.74 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 |
| 85 | 1.74 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 |
| 90 | 5.80 | 5.22 | 5.22 | 5.22 | 5.22 | 5.22 | 5.22 | 5.22 | 5.22 | 4.64 |
| 95 | 43.50 | 41.76 | 38.86 | 35.96 | 33.64 | 30.74 | 27.84 | 23.78 | 20.30 | 16.82 |
| 100 | 129.92 | 123.54 | 114.26 | 104.40 | 93.38 | 82.36 | 73.08 | 60.90 | 49.30 | 37.70 |
| 105 | 277.24 | 251.72 | 222.14 | 192.56 | 167.62 | 147.90 | 129.34 | 105.56 | 88.74 | 66.70 |
| 110 | 407.74 | 351.48 | 305.08 | 267.96 | 241.86 | 209.38 | 179.80 | 148.48 | 131.66 | 103.82 |
| 115 | 480.24 | 425.14 | 374.10 | 333.50 | 295.80 | 257.52 | 222.14 | 188.50 | 172.26 | 136.88 |
| 120 | 514.46 | 459.94 | 414.70 | 373.52 | 334.08 | 292.90 | 255.78 | 223.88 | 207.64 | 169.36 |
| 125 | 521.42 | 470.96 | 432.68 | 399.04 | 361.92 | 323.06 | 285.94 | 256.94 | 242.44 | 201.84 |
| 130 | 508.08 | 476.76 | 446.02 | 411.80 | 379.90 | 342.20 | 307.98 | 283.62 | 271.44 | 230.26 |
| 135 | 480.82 | 457.04 | 437.32 | 415.28 | 387.44 | 359.02 | 330.02 | 307.40 | 295.22 | 251.72 |
| 140 | 470.96 | 448.92 | 427.46 | 402.52 | 378.16 | 348.58 | 322.48 | 313.20 | 303.92 | 267.96 |
| 145 | 462.26 | 443.12 | 422.82 | 400.20 | 370.62 | 330.60 | 314.94 | 305.08 | 296.96 | 276.08 |
| 150 | 443.12 | 418.18 | 398.46 | 372.36 | 348.58 | 316.68 | 310.30 | 294.64 | 287.68 | 276.66 |
| 155 | 403.10 | 384.54 | 360.76 | 343.36 | 317.26 | 319.00 | 304.50 | 282.46 | 273.18 | 273.18 |
| 160 | 364.82 | 357.86 | 338.14 | 325.96 | 332.92 | 325.38 | 313.20 | 298.70 | 290.58 | 296.38 |
| 165 | 331.18 | 331.76 | 337.56 | 339.88 | 336.40 | 331.18 | 325.38 | 317.26 | 311.46 | 315.52 |
| 170 | 338.72 | 338.72 | 337.56 | 338.72 | 337.56 | 336.98 | 336.98 | 333.50 | 329.44 | 331.18 |
| 175 | 333.50 | 334.66 | 335.82 | 338.14 | 341.04 | 342.78 | 346.26 | 345.10 | 343.36 | 343.94 |
| 180 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 |

Vert. Angles **Horizontal Angles**

| | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 5 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 10 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 15 | 2.90 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 |
| 20 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 25 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 30 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 |
| 35 | 1.74 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 |
| 40 | 1.74 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 |
| 45 | 1.74 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 |
| 50 | 1.74 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 |
| 55 | 2.32 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 60 | 2.32 | 2.32 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 3.48 |
| 65 | 2.32 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 3.48 | 3.48 | 3.48 |
| 70 | 2.90 | 2.90 | 2.90 | 2.90 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 4.06 |
| 75 | 2.90 | 2.90 | 2.90 | 3.48 | 3.48 | 3.48 | 4.06 | 4.06 | 4.06 | 4.06 |
| 80 | 2.90 | 3.48 | 3.48 | 3.48 | 3.48 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 85 | 2.90 | 3.48 | 3.48 | 3.48 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 90 | 4.64 | 4.64 | 5.22 | 5.22 | 5.22 | 5.80 | 5.80 | 5.80 | 6.38 | 6.38 |
| 95 | 13.34 | 12.76 | 13.34 | 13.92 | 14.50 | 15.08 | 15.08 | 15.08 | 15.66 | 15.66 |
| 100 | 28.42 | 26.10 | 26.10 | 26.68 | 27.26 | 27.84 | 29.00 | 29.58 | 29.58 | 30.16 |
| 105 | 48.72 | 45.82 | 45.82 | 45.82 | 45.24 | 44.66 | 44.66 | 45.82 | 46.40 | 46.98 |
| 110 | 79.46 | 69.60 | 69.02 | 67.86 | 67.28 | 66.70 | 65.54 | 64.96 | 64.96 | 64.96 |
| 115 | 111.36 | 98.02 | 93.96 | 92.22 | 90.48 | 88.74 | 87.58 | 86.42 | 85.84 | 85.26 |
| 120 | 143.26 | 130.50 | 121.22 | 117.74 | 114.84 | 111.94 | 109.62 | 107.88 | 107.30 | 106.14 |
| 125 | 172.26 | 164.72 | 151.38 | 144.42 | 139.78 | 135.72 | 132.82 | 131.08 | 129.34 | 127.60 |
| 130 | 198.36 | 195.46 | 182.12 | 171.68 | 165.30 | 160.66 | 155.44 | 147.32 | 145.00 | 146.74 |
| 135 | 216.92 | 220.98 | 211.70 | 199.52 | 187.34 | 177.48 | 172.26 | 168.78 | 166.46 | 164.14 |

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 140 | 222.72 | 225.62 | 225.04 | 216.92 | 211.12 | 203.00 | 197.20 | 192.56 | 189.08 | 186.18 |
| 145 | 232.58 | 233.16 | 244.18 | 241.86 | 235.48 | 230.84 | 224.46 | 218.66 | 214.02 | 209.96 |
| 150 | 255.78 | 240.12 | 245.92 | 251.14 | 251.14 | 248.82 | 247.66 | 244.76 | 240.70 | 236.06 |
| 155 | 274.34 | 254.62 | 249.98 | 251.14 | 254.04 | 255.78 | 255.78 | 255.78 | 258.10 | 260.42 |
| 160 | 302.76 | 290.00 | 275.50 | 269.70 | 266.22 | 263.32 | 261.00 | 261.00 | 263.32 | 267.38 |
| 165 | 320.16 | 317.84 | 308.56 | 298.70 | 291.16 | 285.94 | 281.30 | 277.24 | 273.18 | 270.28 |
| 170 | 332.92 | 333.50 | 330.60 | 327.70 | 321.32 | 313.20 | 306.24 | 298.70 | 290.58 | 283.04 |
| 175 | 343.36 | 339.30 | 338.14 | 337.56 | 335.24 | 332.92 | 331.18 | 327.12 | 322.48 | 317.26 |
| 180 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 |

Vert. Horizontal Angles

| | <u>150</u> | <u>155</u> | <u>160</u> | <u>165</u> | <u>170</u> | <u>175</u> | <u>180</u> |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 0 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 5 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 10 | 4.06 | 4.06 | 4.06 | 3.48 | 4.06 | 4.06 | 4.06 |
| 15 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 |
| 20 | 2.90 | 2.90 | 2.90 | 3.48 | 2.90 | 3.48 | 2.90 |
| 25 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 30 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 35 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 40 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 45 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 50 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 |
| 55 | 2.90 | 2.90 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 |
| 60 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 | 3.48 |
| 65 | 3.48 | 3.48 | 3.48 | 4.06 | 4.06 | 4.06 | 4.06 |
| 70 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 | 4.06 |
| 75 | 4.06 | 4.06 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 |
| 80 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 |
| 85 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 |
| 90 | 6.38 | 6.38 | 6.96 | 6.96 | 6.96 | 6.96 | 6.96 |
| 95 | 15.66 | 15.66 | 16.24 | 16.24 | 16.24 | 16.24 | 16.82 |
| 100 | 30.74 | 30.74 | 30.74 | 30.74 | 31.32 | 31.32 | 31.32 |
| 105 | 47.56 | 47.56 | 48.14 | 48.14 | 48.14 | 48.14 | 48.72 |
| 110 | 64.96 | 65.54 | 66.12 | 66.12 | 66.12 | 66.12 | 66.70 |
| 115 | 84.68 | 84.68 | 84.68 | 85.26 | 84.68 | 84.68 | 85.26 |
| 120 | 105.56 | 104.98 | 104.98 | 104.40 | 104.40 | 104.40 | 104.40 |
| 125 | 126.44 | 125.86 | 125.28 | 125.28 | 124.70 | 124.70 | 124.70 |
| 130 | 147.90 | 147.32 | 146.16 | 145.58 | 145.00 | 144.42 | 144.42 |
| 135 | 162.98 | 161.82 | 161.24 | 162.40 | 162.98 | 163.56 | 164.14 |
| 140 | 184.44 | 182.70 | 181.54 | 180.38 | 179.80 | 181.54 | 185.02 |
| 145 | 207.64 | 205.32 | 203.58 | 201.84 | 201.26 | 205.32 | 206.48 |
| 150 | 232.58 | 230.26 | 227.94 | 226.20 | 226.20 | 230.26 | 231.42 |
| 155 | 258.68 | 256.36 | 254.62 | 253.46 | 254.04 | 256.36 | 257.52 |
| 160 | 273.76 | 278.98 | 277.82 | 278.40 | 280.14 | 281.88 | 284.20 |
| 165 | 274.92 | 284.20 | 298.70 | 306.82 | 307.40 | 307.40 | 309.72 |
| 170 | 277.24 | 269.12 | 276.08 | 293.48 | 317.84 | 323.64 | 324.80 |
| 175 | 312.04 | 303.34 | 290.00 | 261.58 | 251.14 | 259.26 | 298.70 |
| 180 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 | 312.62 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 707_WE_RA_LO_358_WH-AL.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 1.30 | N.A. | 0.10 |
| 0-30 | 2.46 | N.A. | 0.20 |
| 0-40 | 3.82 | N.A. | 0.20 |
| 0-60 | 7.20 | N.A. | 0.50 |
| 0-80 | 12.36 | N.A. | 0.80 |
| 0-90 | 16.32 | N.A. | 1.00 |
| 10-90 | 15.94 | N.A. | 1.00 |
| 20-40 | 2.53 | N.A. | 0.20 |
| 20-50 | 4.07 | N.A. | 0.30 |
| 40-70 | 5.68 | N.A. | 0.40 |
| 60-80 | 5.16 | N.A. | 0.30 |
| 70-80 | 2.86 | N.A. | 0.20 |
| 80-90 | 3.96 | N.A. | 0.30 |
| 90-110 | 188.84 | N.A. | 12.00 |
| 90-120 | 476.90 | N.A. | 30.30 |
| 90-130 | 797.71 | N.A. | 50.70 |
| 90-150 | 1281.02 | N.A. | 81.40 |
| 90-180 | 1557.9 | N.A. | 99.00 |
| 110-180 | 1369.05 | N.A. | 87.00 |
| 0-180 | 1574.21 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 0.37 |
| 10-20 | 0.92 |
| 20-30 | 1.16 |
| 30-40 | 1.36 |
| 40-50 | 1.54 |
| 50-60 | 1.84 |
| 60-70 | 2.30 |
| 70-80 | 2.86 |
| 80-90 | 3.96 |
| 90-100 | 35.35 |
| 100-110 | 153.49 |
| 110-120 | 288.06 |
| 120-130 | 320.81 |
| 130-140 | 270.17 |
| 140-150 | 213.14 |
| 150-160 | 154.19 |
| 160-170 | 92.51 |
| 170-180 | 30.18 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 707_WE_RA_LO_358_WH-AL.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| | RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | |
| 0 | 95 | 95 | 95 | 95 | 82 | 82 | 82 | 82 | 56 | 56 | 56 | 33 | 33 | 33 | 11 | 11 | 11 | 1 |
| 1 | 87 | 83 | 79 | 76 | 74 | 71 | 68 | 65 | 49 | 47 | 45 | 28 | 27 | 27 | 10 | 9 | 9 | 1 |
| 2 | 79 | 72 | 66 | 62 | 67 | 62 | 57 | 53 | 43 | 40 | 37 | 25 | 23 | 22 | 8 | 8 | 8 | 0 |
| 3 | 72 | 63 | 56 | 51 | 61 | 54 | 49 | 44 | 37 | 34 | 31 | 22 | 20 | 19 | 7 | 7 | 6 | 0 |
| 4 | 65 | 56 | 48 | 43 | 56 | 48 | 42 | 37 | 33 | 29 | 26 | 19 | 17 | 16 | 7 | 6 | 5 | 0 |
| 5 | 60 | 49 | 42 | 36 | 51 | 42 | 36 | 32 | 29 | 25 | 22 | 17 | 15 | 13 | 6 | 5 | 5 | 0 |
| 6 | 55 | 44 | 36 | 31 | 47 | 38 | 32 | 27 | 26 | 22 | 19 | 15 | 13 | 12 | 5 | 5 | 4 | 0 |
| 7 | 50 | 39 | 32 | 27 | 43 | 34 | 28 | 23 | 23 | 20 | 17 | 14 | 12 | 10 | 5 | 4 | 3 | 0 |
| 8 | 47 | 35 | 28 | 23 | 40 | 30 | 25 | 20 | 21 | 17 | 15 | 12 | 10 | 9 | 4 | 4 | 3 | 0 |
| 9 | 43 | 32 | 25 | 20 | 37 | 28 | 22 | 18 | 19 | 15 | 13 | 11 | 9 | 8 | 4 | 3 | 3 | 0 |
| 10 | 40 | 29 | 22 | 18 | 34 | 25 | 19 | 16 | 17 | 14 | 11 | 10 | 8 | 7 | 4 | 3 | 2 | 0 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 707_WE_RA_LO_358_WH-AL.IES

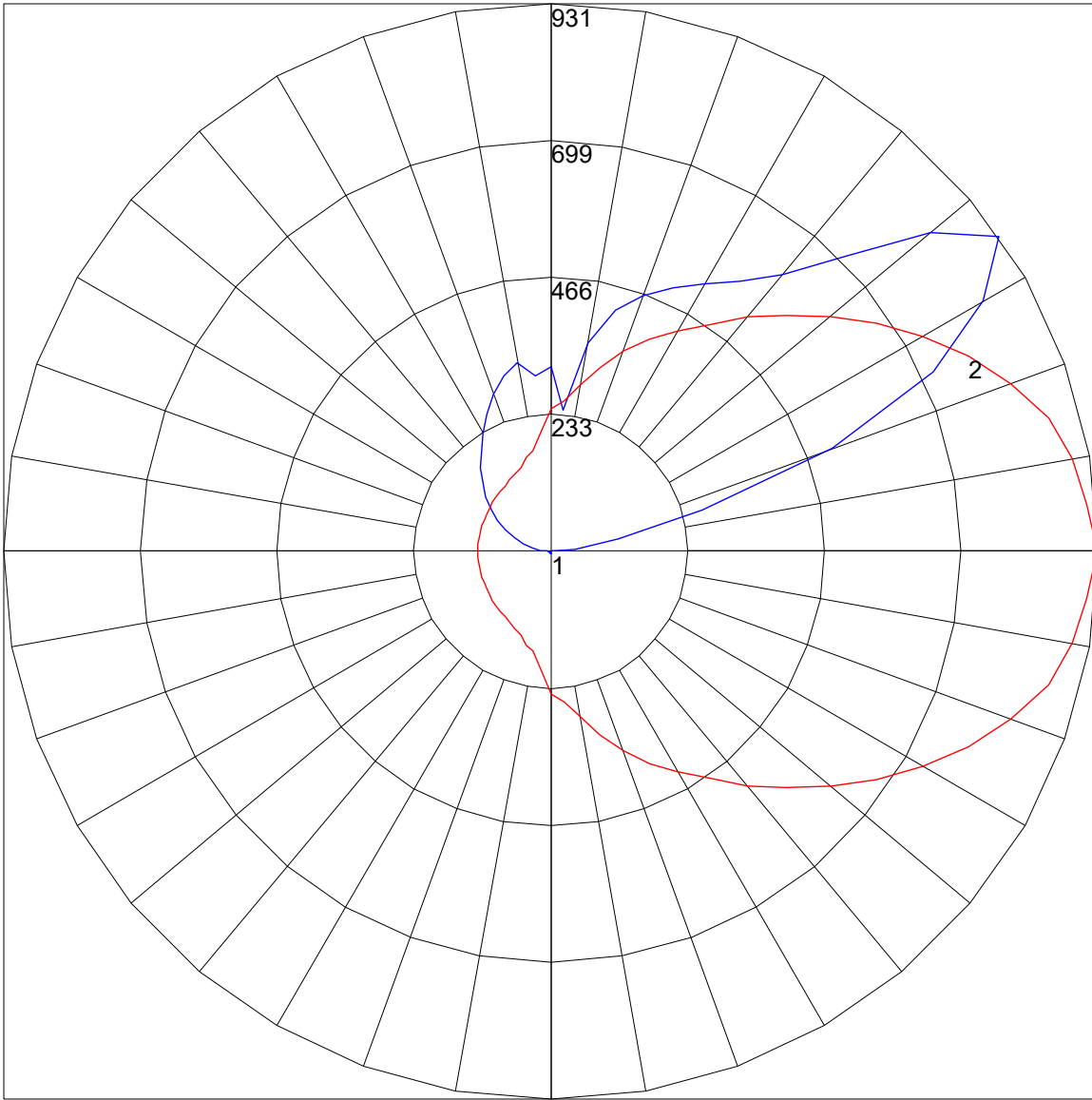
UGR TABLE - CORRECTED

| Reflectances | | | | | | | | | | |
|----------------|----|----|----|----|----|----|----|----|----|----|
| Ceiling Cavity | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| Floor Cavity | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

| Room Size | | UGR Viewed Crosswise | | | | | UGR Viewed Endwise | | | | |
|-----------|------|----------------------|-----|-----|-----|-----|--------------------|-----|-----|-----|-----|
| X=2H | Y=2H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 3H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 4H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 6H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 8H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 12H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 4H | 2H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 3H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 4H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 6H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 8H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 12H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 8H | 4H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 6H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 8H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 12H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 12H | 4H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 6H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 8H | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |

Maximum UGR = 1.6

POLAR GRAPH



Maximum Candela = 931.48 Located At Horizontal Angle = 0, Vertical Angle = 125
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (125) (Through Max. Cd.)