

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P163706

Luminaire Tested: **OVH-E01-LED-E-U-SL3-HSS-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P163706  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: OVH-E01-LED-E-U-SL3-HSS-7030  
Description: OVH LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (21) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

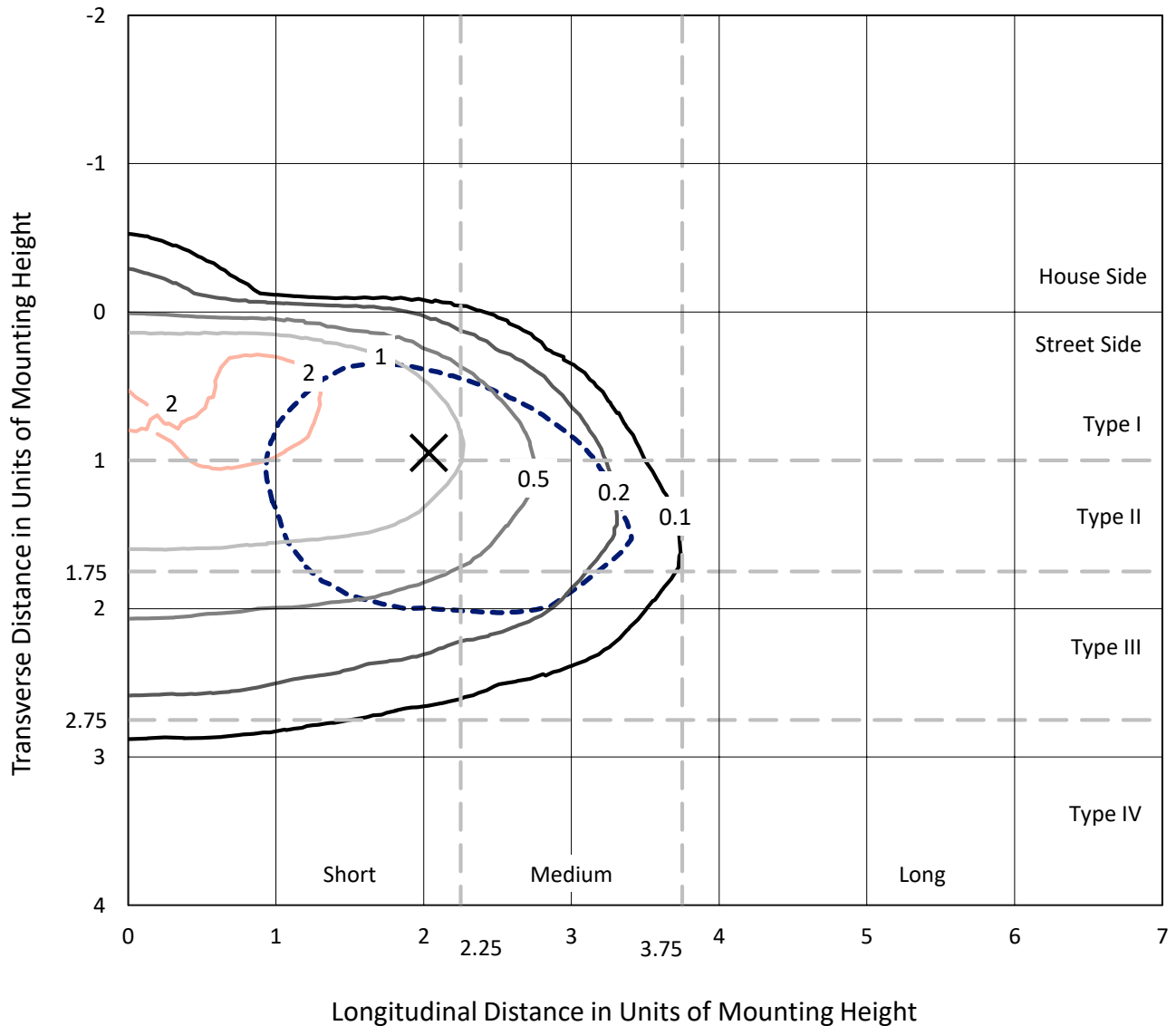
Lumens per Lamp: N/A  
Luminaire Lumens: 1536.1 lumens  
Efficiency: N/A  
Efficacy: 62.2 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1  
  
Input Watts (W): 24.7  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

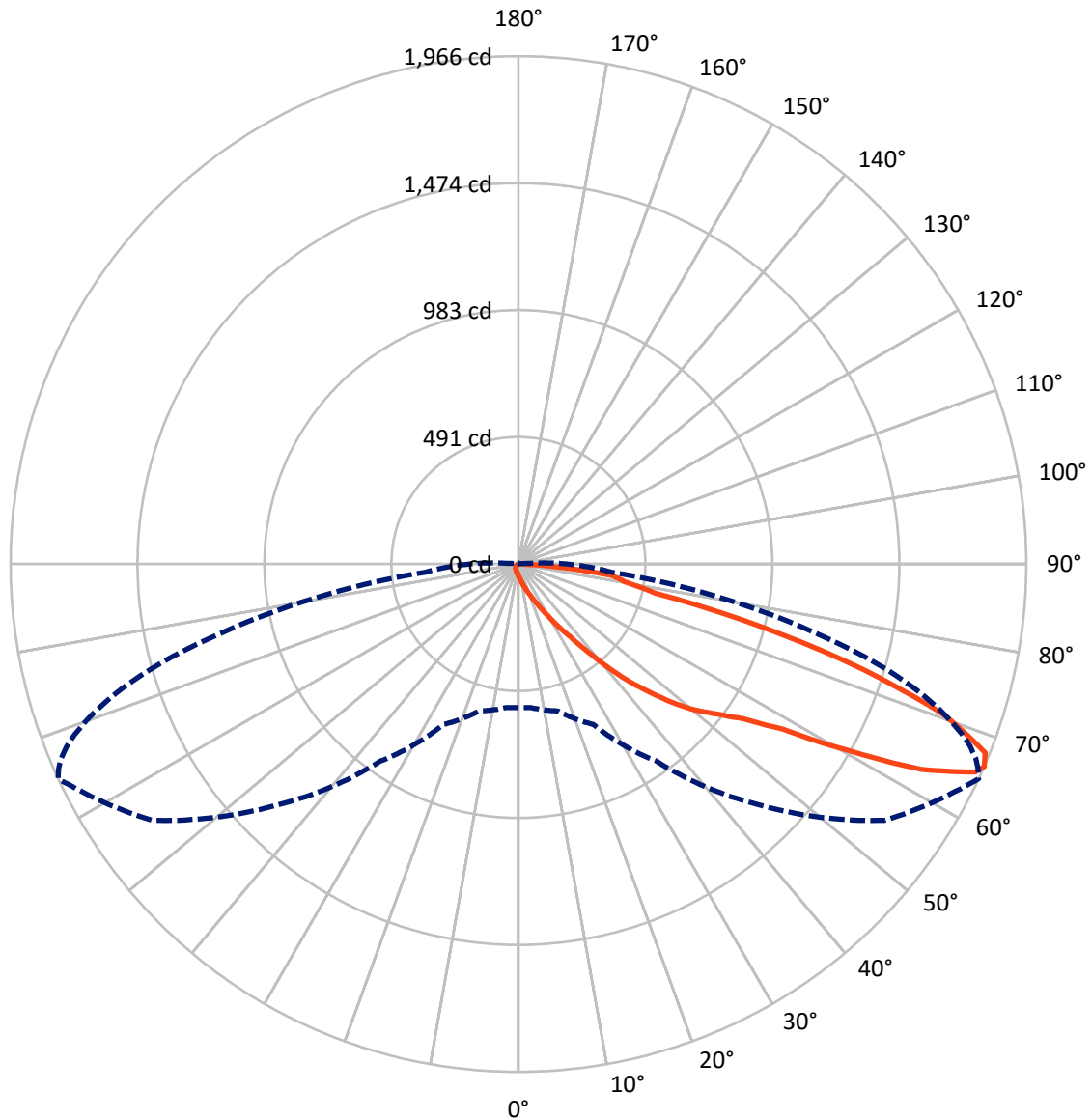
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.5 fc  
 Type III - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral    - - - Horizontal Cone Through 66-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 33.3     | 0.0    | 33.3   |
|                    | % Fixture | 2.2      | 0.0    | 2.2    |
| <b>Street Side</b> | Lumens    | 1502.8   | 0.0    | 1502.8 |
|                    | % Fixture | 97.8     | 0.0    | 97.8   |
| <b>Total</b>       | Lumens    | 1536.1   | 0.0    | 1536.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 5.2    | 0.3       |
| 10°-20°   | 22.0   | 1.4       |
| 20°-30°   | 47.5   | 3.1       |
| 30°-40°   | 101.4  | 6.6       |
| 40°-50°   | 224.2  | 14.6      |
| 50°-60°   | 379.9  | 24.7      |
| 60°-70°   | 506.9  | 33.0      |
| 70°-80°   | 223.3  | 14.5      |
| 80°-90°   | 25.7   | 1.7       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 1536.1 | 100.0     |
| 0°-180°   | 1536.1 | 100.0     |



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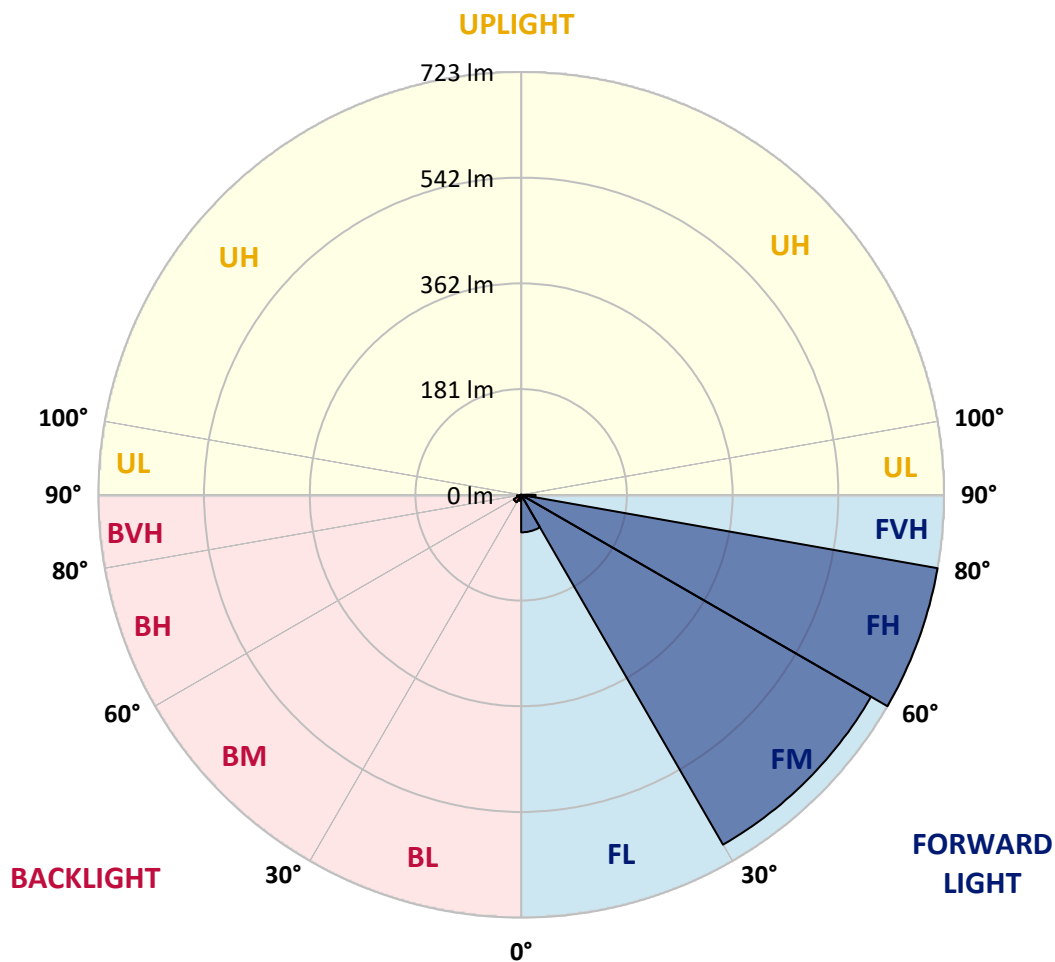
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 64.2   | 4.2       |                         |      |         |
| FM   | (30°-60°)   | 690.8  | 45.0      |                         |      |         |
| FH   | (60°-80°)   | 723.1  | 47.1      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 24.7   | 1.6       |                         |      | G1/100  |
| BL   | (0°-30°)    | 10.5   | 0.7       | B0/110                  |      |         |
| BM   | (30°-60°)   | 14.6   | 1.0       | B0/220                  |      |         |
| BH   | (60°-80°)   | 7.1    | 0.5       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 1.0    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B0-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 45°    | 55°    | 65°    | 66°    | 67°    | 68°    |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0°    | 46.4  | 46.4  | 46.4  | 46.4  | 46.4  | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   |
| 2.5°  | 58.5  | 58.2  | 57.0  | 57.0  | 55.2  | 54.0   | 52.6   | 51.1   | 51.1   | 50.8   | 50.5   |
| 5°    | 77.4  | 75.6  | 75.3  | 72.1  | 69.4  | 65.6   | 62.0   | 57.3   | 56.7   | 56.1   | 55.8   |
| 7.5°  | 98.3  | 98.0  | 95.4  | 91.6  | 86.2  | 79.2   | 72.1   | 64.4   | 63.2   | 62.6   | 61.4   |
| 10°   | 125.5 | 124.0 | 120.5 | 114.0 | 106.0 | 96.6   | 85.1   | 72.9   | 71.5   | 70.3   | 69.7   |
| 12.5° | 151.5 | 148.8 | 146.8 | 138.5 | 128.5 | 114.6  | 100.7  | 83.3   | 82.1   | 80.6   | 78.3   |
| 15°   | 175.7 | 173.4 | 169.8 | 162.7 | 151.5 | 134.1  | 117.8  | 96.6   | 93.6   | 91.6   | 89.8   |
| 17.5° | 194.6 | 193.1 | 189.0 | 181.0 | 168.9 | 153.6  | 134.1  | 110.2  | 107.8  | 105.1  | 101.9  |
| 20°   | 212.6 | 210.6 | 204.1 | 193.1 | 180.1 | 168.3  | 153.3  | 127.9  | 124.6  | 121.4  | 117.8  |
| 22.5° | 229.8 | 227.7 | 217.0 | 199.0 | 185.2 | 180.1  | 174.8  | 147.9  | 142.9  | 140.3  | 136.7  |
| 25°   | 253.7 | 249.3 | 232.7 | 204.1 | 185.5 | 189.3  | 198.5  | 173.9  | 169.2  | 165.4  | 159.8  |
| 27.5° | 285.9 | 280.0 | 254.0 | 211.4 | 186.6 | 199.3  | 225.6  | 205.5  | 200.5  | 196.1  | 189.9  |
| 30°   | 322.2 | 318.3 | 287.3 | 229.2 | 195.2 | 214.1  | 256.0  | 245.7  | 239.8  | 234.5  | 227.1  |
| 32.5° | 358.8 | 353.5 | 322.8 | 262.8 | 218.2 | 242.8  | 294.1  | 292.4  | 284.7  | 279.7  | 271.7  |
| 35°   | 391.0 | 388.3 | 365.6 | 318.0 | 270.8 | 292.9  | 344.9  | 347.0  | 340.2  | 334.9  | 326.0  |
| 37.5° | 412.9 | 412.9 | 408.4 | 377.4 | 354.4 | 370.9  | 419.6  | 419.9  | 413.1  | 401.0  | 396.6  |
| 40°   | 424.1 | 427.3 | 443.3 | 449.2 | 448.0 | 469.3  | 517.7  | 512.4  | 506.8  | 500.6  | 485.8  |
| 42.5° | 447.1 | 450.1 | 484.0 | 524.8 | 551.4 | 579.4  | 612.8  | 611.0  | 604.2  | 593.0  | 579.4  |
| 45°   | 486.1 | 489.9 | 530.4 | 595.0 | 649.7 | 689.6  | 710.8  | 702.5  | 695.8  | 685.1  | 678.0  |
| 47.5° | 535.7 | 543.1 | 588.9 | 668.9 | 734.7 | 800.6  | 822.7  | 800.9  | 795.0  | 786.7  | 775.2  |
| 50°   | 588.6 | 595.7 | 644.4 | 735.9 | 810.3 | 888.9  | 925.8  | 888.9  | 880.3  | 877.7  | 864.7  |
| 52.5° | 634.3 | 640.2 | 687.2 | 787.6 | 868.2 | 960.4  | 1014.1 | 965.4  | 959.2  | 950.3  | 940.9  |
| 55°   | 661.5 | 666.2 | 710.2 | 812.4 | 907.5 | 1024.7 | 1099.5 | 1056.6 | 1047.5 | 1043.9 | 1030.4 |
| 57.5° | 670.7 | 675.4 | 715.0 | 815.7 | 928.8 | 1083.5 | 1203.1 | 1204.6 | 1193.7 | 1181.0 | 1176.8 |
| 60°   | 670.7 | 676.0 | 709.3 | 807.7 | 949.4 | 1146.1 | 1341.3 | 1464.5 | 1440.8 | 1438.5 | 1423.4 |
| 62.5° | 642.9 | 647.9 | 681.6 | 783.2 | 977.2 | 1230.6 | 1533.9 | 1751.2 | 1744.4 | 1729.1 | 1704.3 |
| 65°   | 582.7 | 585.6 | 618.7 | 720.6 | 966.6 | 1308.2 | 1700.7 | 1942.0 | 1931.1 | 1900.9 | 1869.0 |
| 66°   | 555.5 | 557.9 | 588.9 | 684.8 | 931.7 | 1318.9 | 1730.3 | 1965.9 | 1947.9 | 1922.5 | 1886.5 |
| 67.5° | 516.2 | 520.3 | 542.2 | 618.4 | 848.1 | 1282.0 | 1711.6 | 1949.1 | 1933.4 | 1902.7 | 1866.7 |
| 70°   | 344.6 | 341.7 | 418.8 | 474.6 | 646.1 | 1044.5 | 1535.6 | 1750.0 | 1750.3 | 1735.9 | 1721.4 |
| 72.5° | 163.6 | 165.4 | 187.8 | 292.1 | 422.9 | 697.8  | 1222.3 | 1396.8 | 1416.9 | 1390.9 | 1372.9 |
| 75°   | 117.5 | 120.2 | 133.8 | 178.7 | 252.2 | 418.8  | 792.3  | 976.9  | 977.5  | 931.4  | 890.4  |
| 77.5° | 34.3  | 35.7  | 50.2  | 110.2 | 189.0 | 282.6  | 455.1  | 543.1  | 530.4  | 497.3  | 466.3  |
| 80°   | 14.2  | 14.2  | 14.8  | 35.1  | 75.9  | 191.9  | 318.3  | 418.2  | 416.7  | 404.0  | 385.7  |
| 82.5° | 5.3   | 5.6   | 7.1   | 14.5  | 18.0  | 47.3   | 212.3  | 362.9  | 362.1  | 344.0  | 331.1  |
| 85°   | 0.6   | 0.6   | 1.8   | 6.2   | 6.8   | 8.9    | 42.5   | 160.1  | 159.2  | 160.1  | 140.3  |
| 87.5° | 0.0   | 0.0   | 0.3   | 0.6   | 0.9   | 1.2    | 1.8    | 6.2    | 6.8    | 6.5    | 5.9    |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 69°    | 70°    | 71°    | 72°    | 73°    | 74°    | 75°    | 76°    | 77°    | 78°    | 79°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4   | 46.4  |
| 2.5°  | 50.5   | 49.9   | 49.9   | 49.6   | 49.6   | 49.6   | 49.3   | 49.0   | 49.0   | 48.7   | 48.4  |
| 5°    | 55.2   | 54.6   | 54.3   | 53.7   | 53.4   | 53.2   | 52.6   | 52.3   | 51.7   | 51.4   | 51.1  |
| 7.5°  | 60.8   | 59.7   | 59.3   | 58.5   | 57.6   | 57.0   | 56.4   | 55.5   | 54.9   | 53.7   | 53.4  |
| 10°   | 67.9   | 66.4   | 65.3   | 64.1   | 63.2   | 61.7   | 60.8   | 59.7   | 58.5   | 57.6   | 56.7  |
| 12.5° | 77.1   | 75.0   | 73.2   | 72.1   | 70.0   | 68.2   | 66.4   | 65.6   | 63.2   | 62.0   | 60.5  |
| 15°   | 87.1   | 84.8   | 82.7   | 80.3   | 78.8   | 75.9   | 73.5   | 70.9   | 69.7   | 67.6   | 65.3  |
| 17.5° | 100.1  | 96.3   | 93.0   | 90.7   | 87.7   | 84.8   | 82.1   | 79.4   | 75.9   | 73.5   | 70.6  |
| 20°   | 114.0  | 110.7  | 106.3  | 102.2  | 98.6   | 95.1   | 91.2   | 87.7   | 84.5   | 80.6   | 77.1  |
| 22.5° | 131.7  | 127.0  | 121.7  | 117.5  | 112.8  | 109.0  | 103.6  | 98.9   | 93.6   | 88.6   | 84.5  |
| 25°   | 154.2  | 147.9  | 142.9  | 137.0  | 131.4  | 125.5  | 119.0  | 113.1  | 106.3  | 101.6  | 94.5  |
| 27.5° | 181.9  | 176.0  | 169.2  | 161.5  | 155.9  | 147.1  | 138.5  | 131.1  | 123.1  | 115.8  | 107.8 |
| 30°   | 217.4  | 208.8  | 201.7  | 194.3  | 183.1  | 174.5  | 164.5  | 154.4  | 143.5  | 136.1  | 124.0 |
| 32.5° | 259.9  | 250.7  | 240.1  | 229.5  | 219.1  | 207.0  | 194.6  | 182.2  | 170.1  | 156.5  | 144.1 |
| 35°   | 311.9  | 300.9  | 288.8  | 277.3  | 261.3  | 248.4  | 232.7  | 215.6  | 202.0  | 186.3  | 170.7 |
| 37.5° | 380.7  | 362.6  | 352.0  | 339.9  | 318.3  | 300.6  | 283.2  | 266.1  | 242.2  | 225.6  | 203.5 |
| 40°   | 466.9  | 456.3  | 438.8  | 419.3  | 399.8  | 376.5  | 352.9  | 330.2  | 302.4  | 279.4  | 253.7 |
| 42.5° | 568.2  | 552.5  | 534.8  | 506.8  | 487.0  | 459.5  | 432.6  | 402.5  | 368.6  | 339.0  | 308.9 |
| 45°   | 663.3  | 644.7  | 631.1  | 603.0  | 582.4  | 549.9  | 517.4  | 485.5  | 446.2  | 408.1  | 373.3 |
| 47.5° | 766.0  | 750.7  | 728.3  | 705.5  | 684.5  | 647.9  | 612.8  | 574.1  | 532.7  | 487.6  | 442.4 |
| 50°   | 856.4  | 844.3  | 828.9  | 801.5  | 778.2  | 747.4  | 706.1  | 663.9  | 611.6  | 566.7  | 515.3 |
| 52.5° | 933.2  | 923.7  | 902.2  | 882.7  | 861.7  | 832.8  | 795.9  | 755.4  | 699.0  | 649.7  | 591.2 |
| 55°   | 1023.8 | 1017.1 | 998.2  | 986.1  | 967.4  | 939.7  | 905.1  | 867.6  | 808.0  | 754.2  | 688.1 |
| 57.5° | 1172.4 | 1167.1 | 1150.5 | 1145.5 | 1127.2 | 1103.0 | 1060.5 | 1020.3 | 950.6  | 883.9  | 808.3 |
| 60°   | 1418.4 | 1407.8 | 1383.5 | 1371.1 | 1332.5 | 1300.0 | 1244.8 | 1189.5 | 1105.4 | 1020.3 | 929.4 |
| 62.5° | 1681.8 | 1652.0 | 1605.9 | 1566.3 | 1511.4 | 1455.0 | 1381.2 | 1296.7 | 1198.1 | 1097.1 | 992.6 |
| 65°   | 1823.9 | 1773.1 | 1714.9 | 1652.0 | 1580.8 | 1497.8 | 1404.8 | 1303.5 | 1197.5 | 1090.9 | 980.4 |
| 66°   | 1840.1 | 1782.8 | 1721.1 | 1651.1 | 1571.9 | 1483.6 | 1389.2 | 1282.8 | 1172.7 | 1068.7 | 958.3 |
| 67.5° | 1819.7 | 1759.8 | 1694.5 | 1616.8 | 1531.2 | 1439.7 | 1340.4 | 1230.0 | 1124.0 | 1018.5 | 911.0 |
| 70°   | 1677.1 | 1617.4 | 1559.3 | 1477.5 | 1386.2 | 1294.1 | 1200.2 | 1076.7 | 976.3  | 879.4  | 783.8 |
| 72.5° | 1339.2 | 1298.8 | 1241.2 | 1171.2 | 1082.3 | 974.2  | 896.0  | 785.5  | 698.4  | 604.5  | 530.4 |
| 75°   | 836.9  | 779.9  | 708.8  | 619.6  | 551.6  | 463.9  | 418.2  | 334.3  | 284.7  | 241.3  | 199.3 |
| 77.5° | 427.9  | 385.1  | 335.2  | 285.0  | 236.9  | 189.0  | 146.2  | 103.4  | 69.7   | 48.4   | 36.0  |
| 80°   | 353.5  | 315.7  | 274.4  | 228.6  | 186.0  | 144.4  | 104.0  | 70.9   | 45.2   | 29.5   | 23.0  |
| 82.5° | 292.1  | 260.2  | 223.3  | 180.7  | 143.8  | 113.4  | 78.8   | 51.4   | 31.9   | 20.7   | 16.2  |
| 85°   | 124.3  | 112.8  | 87.1   | 69.1   | 52.0   | 38.4   | 26.9   | 18.0   | 12.7   | 10.3   | 9.4   |
| 87.5° | 5.3    | 5.9    | 5.6    | 4.4    | 3.3    | 3.3    | 3.0    | 2.4    | 2.4    | 2.4    | 2.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |





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**CANDELA DISTRIBUTION (continued):**

|       | 80°   | 81°   | 82°   | 83°   | 84°   | 85°   | 95°  | 105° | 115° | 125° | 135° |
|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 0°    | 46.4  | 46.4  | 46.4  | 46.4  | 46.4  | 46.4  | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| 2.5°  | 48.4  | 48.1  | 47.8  | 47.8  | 47.5  | 47.3  | 45.5 | 44.0 | 42.2 | 41.0 | 39.9 |
| 5°    | 50.5  | 50.2  | 49.6  | 49.3  | 48.7  | 48.4  | 44.6 | 41.3 | 38.7 | 36.6 | 35.1 |
| 7.5°  | 52.6  | 52.3  | 51.4  | 50.5  | 50.2  | 49.6  | 43.4 | 39.3 | 35.7 | 33.4 | 31.9 |
| 10°   | 55.2  | 54.3  | 53.4  | 52.3  | 51.4  | 50.5  | 42.2 | 36.9 | 33.1 | 31.0 | 29.5 |
| 12.5° | 59.1  | 57.6  | 56.1  | 54.6  | 53.4  | 52.0  | 41.6 | 34.9 | 31.0 | 28.6 | 27.2 |
| 15°   | 63.5  | 61.4  | 59.7  | 57.9  | 55.8  | 54.3  | 40.5 | 33.1 | 29.2 | 26.9 | 25.1 |
| 17.5° | 67.6  | 65.3  | 62.6  | 60.0  | 57.9  | 55.8  | 39.3 | 31.3 | 27.5 | 25.1 | 23.3 |
| 20°   | 73.5  | 70.0  | 66.7  | 63.5  | 60.5  | 57.9  | 37.5 | 29.5 | 26.0 | 23.3 | 21.6 |
| 22.5° | 80.0  | 75.9  | 71.8  | 67.3  | 63.5  | 60.0  | 36.0 | 28.1 | 24.5 | 21.8 | 19.8 |
| 25°   | 88.3  | 83.3  | 77.7  | 72.1  | 67.6  | 62.9  | 34.5 | 26.6 | 23.0 | 20.4 | 18.3 |
| 27.5° | 99.8  | 92.7  | 86.5  | 79.4  | 72.6  | 67.3  | 33.4 | 25.4 | 21.6 | 18.9 | 16.8 |
| 30°   | 115.5 | 105.1 | 95.4  | 87.7  | 79.7  | 72.1  | 32.2 | 23.9 | 20.4 | 17.4 | 15.1 |
| 32.5° | 132.9 | 120.8 | 109.6 | 98.0  | 88.0  | 79.2  | 31.0 | 22.7 | 18.9 | 15.9 | 13.9 |
| 35°   | 154.4 | 139.1 | 124.0 | 110.7 | 98.6  | 86.8  | 29.8 | 21.6 | 17.7 | 14.5 | 12.4 |
| 37.5° | 185.5 | 166.3 | 146.5 | 129.3 | 113.7 | 98.0  | 28.9 | 20.4 | 16.2 | 13.0 | 10.9 |
| 40°   | 228.0 | 203.2 | 179.0 | 155.6 | 135.2 | 115.8 | 27.8 | 19.2 | 15.1 | 11.8 | 9.7  |
| 42.5° | 274.1 | 243.9 | 212.0 | 185.8 | 157.7 | 133.2 | 26.6 | 18.0 | 13.9 | 10.6 | 8.6  |
| 45°   | 331.3 | 293.8 | 255.2 | 219.4 | 185.2 | 153.6 | 25.4 | 16.8 | 12.4 | 9.4  | 7.4  |
| 47.5° | 393.9 | 346.1 | 302.4 | 257.5 | 216.8 | 179.0 | 23.9 | 15.9 | 11.2 | 8.3  | 6.5  |
| 50°   | 458.3 | 407.8 | 352.6 | 301.5 | 253.1 | 204.4 | 22.5 | 14.5 | 10.0 | 7.4  | 5.3  |
| 52.5° | 527.7 | 468.1 | 411.7 | 348.2 | 291.8 | 237.7 | 21.0 | 13.3 | 9.2  | 6.5  | 4.4  |
| 55°   | 616.0 | 549.3 | 483.1 | 412.0 | 344.0 | 276.4 | 19.5 | 11.8 | 8.0  | 5.6  | 3.5  |
| 57.5° | 727.1 | 647.9 | 566.7 | 486.4 | 404.0 | 327.2 | 18.3 | 10.3 | 6.8  | 4.7  | 3.0  |
| 60°   | 831.9 | 739.5 | 641.1 | 548.7 | 455.7 | 366.2 | 16.5 | 9.2  | 5.9  | 3.8  | 3.0  |
| 62.5° | 886.2 | 780.8 | 674.8 | 572.9 | 473.7 | 380.1 | 14.8 | 7.7  | 5.0  | 3.3  | 2.6  |
| 65°   | 872.9 | 765.5 | 662.7 | 559.9 | 462.8 | 371.2 | 13.0 | 6.8  | 4.4  | 3.0  | 2.6  |
| 66°   | 853.7 | 747.4 | 644.1 | 546.3 | 453.6 | 361.8 | 12.1 | 6.5  | 4.1  | 3.0  | 2.4  |
| 67.5° | 811.8 | 709.1 | 610.4 | 519.5 | 428.5 | 343.7 | 10.9 | 5.9  | 3.8  | 2.6  | 2.4  |
| 70°   | 693.4 | 600.1 | 521.2 | 440.3 | 366.2 | 289.7 | 8.9  | 5.0  | 3.3  | 2.4  | 2.4  |
| 72.5° | 458.9 | 395.4 | 342.9 | 295.0 | 246.6 | 191.4 | 7.4  | 4.1  | 2.6  | 2.4  | 2.1  |
| 75°   | 173.1 | 156.5 | 134.4 | 120.8 | 105.4 | 92.4  | 5.9  | 2.6  | 2.1  | 2.1  | 2.1  |
| 77.5° | 30.7  | 28.4  | 25.1  | 23.0  | 21.3  | 19.5  | 4.7  | 1.8  | 1.8  | 2.1  | 2.1  |
| 80°   | 20.7  | 19.2  | 17.4  | 15.9  | 14.8  | 13.3  | 3.3  | 1.5  | 1.8  | 1.8  | 2.1  |
| 82.5° | 14.8  | 13.9  | 13.0  | 11.8  | 10.9  | 9.7   | 2.1  | 1.5  | 1.8  | 1.8  | 1.8  |
| 85°   | 8.9   | 8.3   | 7.7   | 7.1   | 6.2   | 5.9   | 1.5  | 1.5  | 1.5  | 1.8  | 1.8  |
| 87.5° | 2.4   | 2.1   | 2.4   | 2.4   | 1.8   | 2.1   | 1.2  | 1.2  | 1.2  | 1.5  | 1.5  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



REPORT NUMBER: P163706

CATALOG NUMBER: OVH-E01-LED-E-U-SL3-HSS-7030

**CANDELA DISTRIBUTION (continued):**

|       | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|
| 0°    | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| 2.5°  | 39.3 | 39.3 | 38.7 | 39.6 | 39.6 |
| 5°    | 34.0 | 34.0 | 33.7 | 34.0 | 34.0 |
| 7.5°  | 31.0 | 30.7 | 30.7 | 30.7 | 31.0 |
| 10°   | 28.4 | 28.1 | 28.1 | 28.1 | 28.1 |
| 12.5° | 26.0 | 25.7 | 25.4 | 25.7 | 25.7 |
| 15°   | 23.9 | 23.3 | 23.3 | 23.3 | 23.3 |
| 17.5° | 22.1 | 21.6 | 21.3 | 21.3 | 21.3 |
| 20°   | 20.4 | 19.5 | 19.5 | 19.5 | 19.5 |
| 22.5° | 18.6 | 17.7 | 17.7 | 17.7 | 17.7 |
| 25°   | 16.8 | 15.9 | 15.9 | 15.9 | 15.9 |
| 27.5° | 15.4 | 14.5 | 14.5 | 14.5 | 14.5 |
| 30°   | 13.6 | 13.0 | 13.0 | 13.3 | 13.0 |
| 32.5° | 12.4 | 11.5 | 11.5 | 11.8 | 11.8 |
| 35°   | 10.9 | 10.3 | 10.3 | 10.3 | 10.3 |
| 37.5° | 9.4  | 8.9  | 8.9  | 8.9  | 8.9  |
| 40°   | 8.3  | 7.7  | 7.4  | 7.7  | 7.7  |
| 42.5° | 7.1  | 6.5  | 6.2  | 6.2  | 6.2  |
| 45°   | 6.2  | 5.3  | 5.0  | 5.3  | 5.3  |
| 47.5° | 5.0  | 4.4  | 4.4  | 4.7  | 4.7  |
| 50°   | 3.8  | 3.8  | 4.1  | 4.7  | 4.7  |
| 52.5° | 3.5  | 3.5  | 4.1  | 4.7  | 4.7  |
| 55°   | 3.3  | 3.5  | 4.1  | 4.4  | 4.7  |
| 57.5° | 3.0  | 3.5  | 4.1  | 4.4  | 4.4  |
| 60°   | 3.0  | 3.3  | 3.8  | 4.4  | 4.4  |
| 62.5° | 2.6  | 3.0  | 3.5  | 4.1  | 4.1  |
| 65°   | 2.6  | 3.0  | 3.5  | 4.1  | 4.1  |
| 66°   | 2.6  | 3.0  | 3.5  | 4.1  | 4.1  |
| 67.5° | 2.6  | 3.0  | 3.5  | 4.1  | 4.1  |
| 70°   | 2.6  | 3.0  | 3.5  | 3.8  | 3.8  |
| 72.5° | 2.4  | 2.6  | 3.3  | 3.8  | 3.8  |
| 75°   | 2.4  | 2.6  | 3.3  | 3.8  | 3.8  |
| 77.5° | 2.4  | 2.6  | 3.3  | 3.8  | 3.8  |
| 80°   | 2.4  | 2.6  | 3.3  | 3.5  | 3.8  |
| 82.5° | 2.1  | 2.6  | 3.0  | 3.5  | 3.5  |
| 85°   | 2.1  | 2.4  | 3.0  | 3.3  | 3.5  |
| 87.5° | 1.8  | 2.1  | 2.4  | 3.0  | 3.0  |
| 90°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

(END OF REPORT)