

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: P162720

Luminaire Tested: **MEM-F02-LED-E-U-SL4-HSS-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P162720  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33728)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: MEM-F02-LED-E-U-SL4-HSS-8030  
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (14) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2695.8 lumens  
Efficiency: N/A  
Efficacy: 49.0 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B0 - U0 - G1  
  
Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (Ain): 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

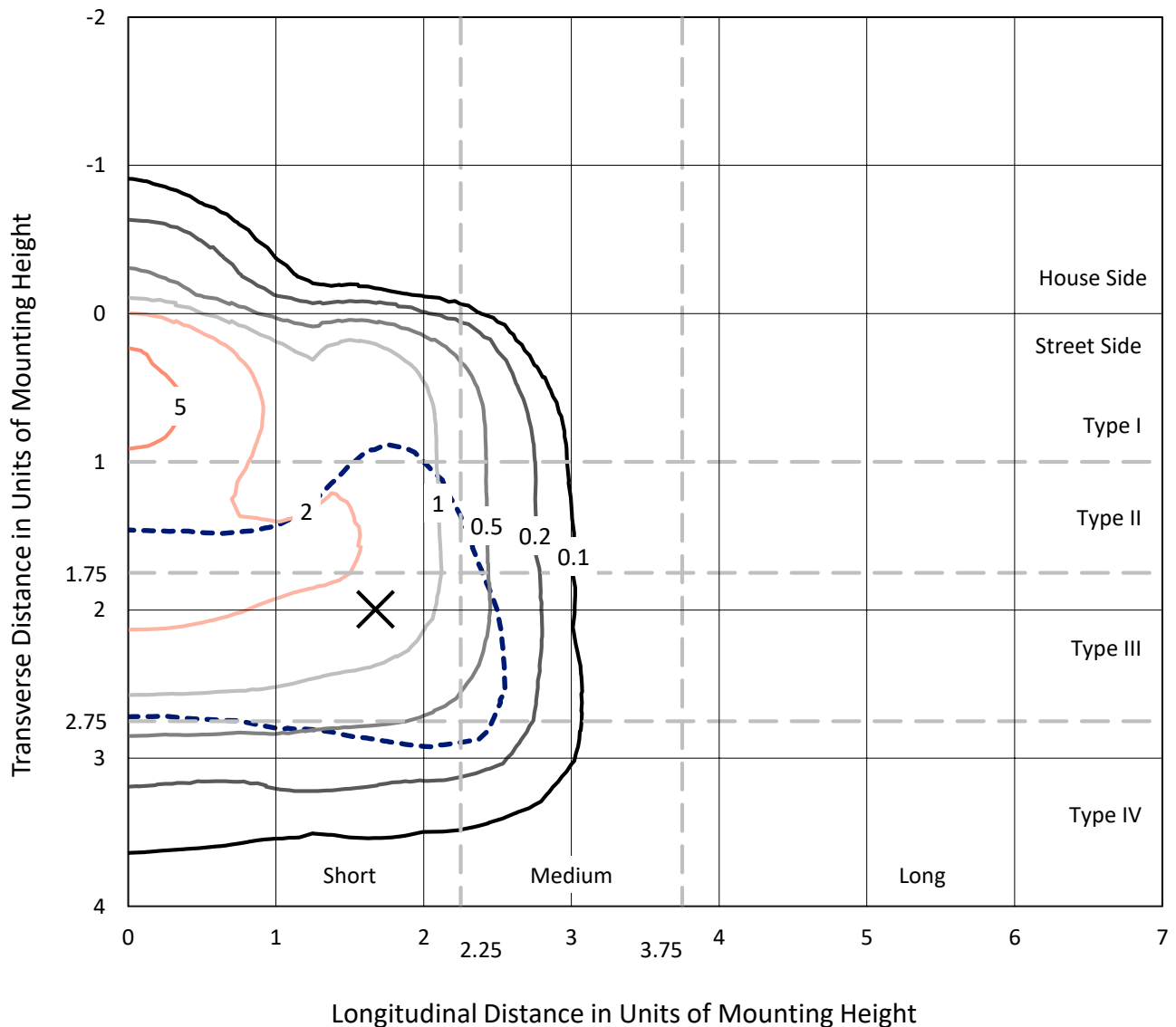


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### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

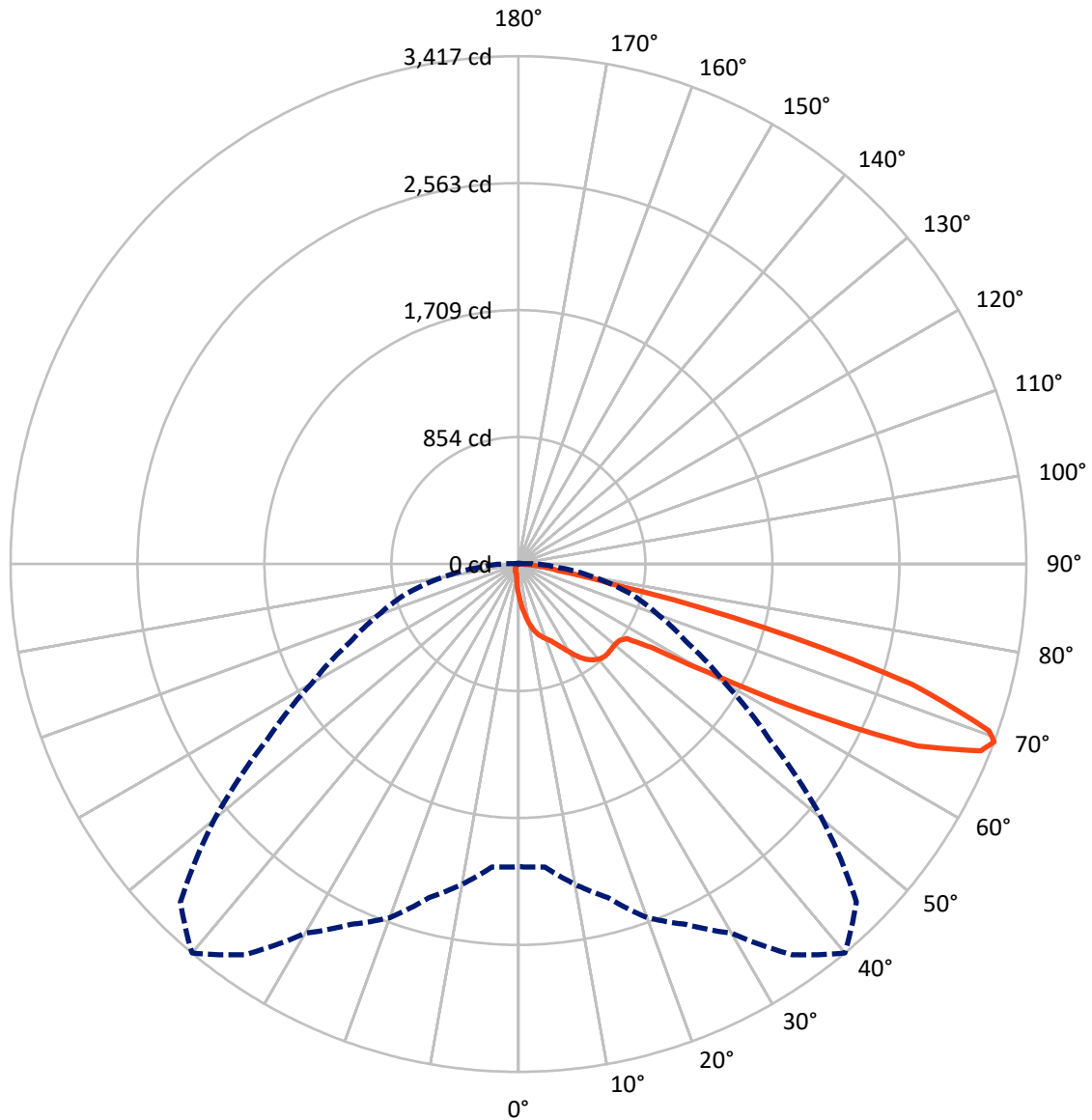


Based on 10 foot mounting height. Maximum calculated value = 6 fc  
 Type IV - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral      - - - Horizontal Cone Through 69-Deg Vertical



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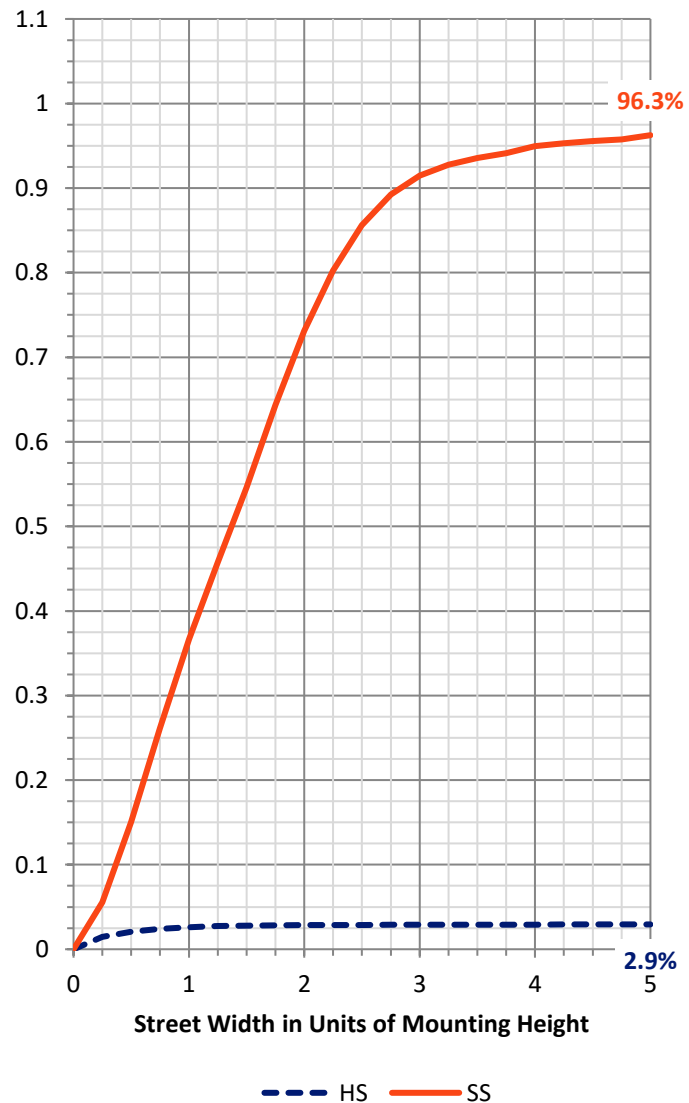
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 80.3     | 0.0    | 80.3   |
|                    | % Fixture | 3.0      | 0.0    | 3.0    |
| <b>Street Side</b> | Lumens    | 2615.6   | 0.0    | 2615.6 |
|                    | % Fixture | 97.0     | 0.0    | 97.0   |
| <b>Total</b>       | Lumens    | 2695.8   | 0.0    | 2695.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 20.9   | 0.8       |
| 10°-20°   | 72.1   | 2.7       |
| 20°-30°   | 138.1  | 5.1       |
| 30°-40°   | 229.6  | 8.5       |
| 40°-50°   | 310.7  | 11.5      |
| 50°-60°   | 486.0  | 18.0      |
| 60°-70°   | 999.1  | 37.1      |
| 70°-80°   | 402.0  | 14.9      |
| 80°-90°   | 37.2   | 1.4       |
| 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°    | 2695.8 | 100.0     |
| 0°-180°   | 2695.8 | 100.0     |



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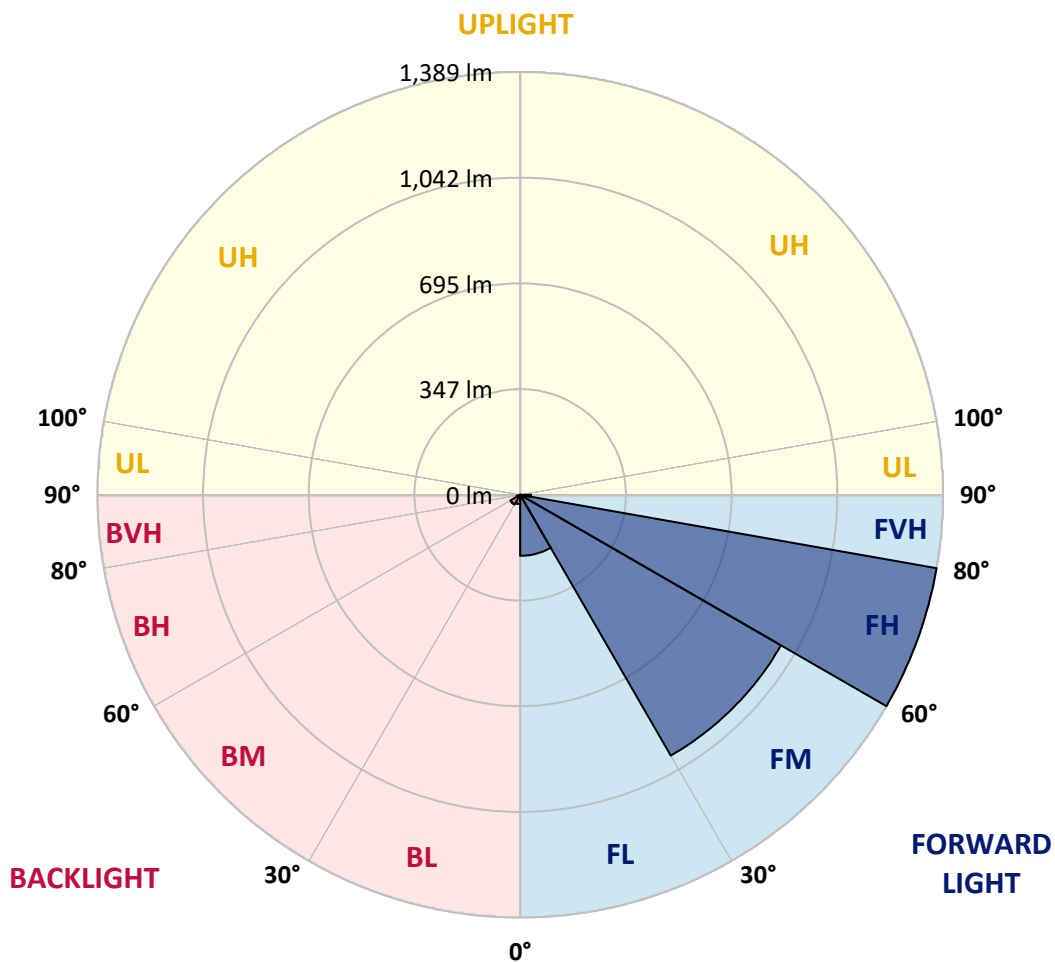
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 200.6  | 7.4       |                         |      |         |
| FM   | (30°-60°)   | 989.7  | 36.7      |                         |      |         |
| FH   | (60°-80°)   | 1389.4 | 51.5      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 35.8   | 1.3       |                         |      | G1/100  |
| BL   | (0°-30°)    | 30.5   | 1.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 36.7   | 1.4       | B0/220                  |      |         |
| BH   | (60°-80°)   | 11.7   | 0.4       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 1.4    | 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 IV Short





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CATALOG NUMBER: MEM-F02-LED-E-U-SL4-HSS-8030

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 203.6  | 203.6  | 203.6  | 203.6  | 203.6  | 203.6  | 203.6  | 203.6  | 203.6  | 203.6  | 203.6  |
| 2.5°  | 271.6  | 268.5  | 265.0  | 265.0  | 260.5  | 260.5  | 257.9  | 250.8  | 249.9  | 246.0  | 242.0  |
| 5°    | 346.6  | 344.0  | 339.6  | 335.6  | 332.1  | 325.9  | 321.5  | 313.1  | 303.8  | 295.0  | 287.1  |
| 7.5°  | 420.0  | 418.6  | 410.7  | 409.4  | 403.6  | 393.5  | 384.6  | 372.3  | 356.4  | 344.0  | 329.5  |
| 10°   | 488.0  | 484.9  | 483.1  | 475.6  | 467.2  | 456.2  | 442.5  | 427.5  | 408.9  | 389.5  | 368.8  |
| 12.5° | 541.9  | 540.1  | 532.2  | 529.1  | 520.2  | 509.2  | 491.9  | 472.5  | 454.0  | 428.8  | 404.5  |
| 15°   | 582.1  | 578.9  | 573.6  | 568.8  | 558.2  | 548.5  | 532.6  | 511.4  | 488.9  | 461.5  | 432.3  |
| 17.5° | 615.6  | 609.9  | 608.5  | 601.1  | 590.0  | 578.5  | 560.9  | 541.4  | 514.9  | 487.5  | 455.8  |
| 20°   | 660.6  | 652.7  | 650.1  | 639.0  | 626.2  | 610.3  | 590.0  | 565.7  | 537.9  | 507.9  | 475.2  |
| 22.5° | 713.6  | 707.9  | 702.2  | 692.5  | 676.1  | 653.6  | 624.0  | 597.5  | 562.2  | 529.1  | 493.7  |
| 25°   | 788.8  | 783.9  | 774.6  | 761.3  | 741.0  | 714.1  | 678.3  | 639.5  | 597.9  | 555.6  | 514.1  |
| 27.5° | 861.6  | 857.2  | 850.6  | 840.4  | 817.5  | 787.9  | 743.7  | 694.2  | 641.7  | 590.5  | 544.5  |
| 30°   | 930.0  | 926.1  | 919.5  | 909.3  | 889.0  | 859.8  | 809.9  | 756.9  | 691.6  | 631.9  | 576.8  |
| 32.5° | 1003.8 | 1002.5 | 995.0  | 980.4  | 962.7  | 923.4  | 869.1  | 812.1  | 745.9  | 677.0  | 612.5  |
| 35°   | 1087.3 | 1077.1 | 1070.0 | 1055.5 | 1025.5 | 983.5  | 919.9  | 857.6  | 787.9  | 717.2  | 645.2  |
| 37.5° | 1157.9 | 1148.2 | 1139.4 | 1120.8 | 1084.2 | 1030.8 | 958.8  | 890.3  | 818.3  | 746.3  | 673.0  |
| 40°   | 1209.6 | 1204.7 | 1194.2 | 1169.9 | 1128.8 | 1065.2 | 987.5  | 912.8  | 840.4  | 768.0  | 695.5  |
| 42.5° | 1248.0 | 1240.5 | 1228.6 | 1203.4 | 1154.8 | 1082.4 | 998.9  | 922.1  | 850.6  | 781.2  | 710.1  |
| 45°   | 1262.2 | 1256.0 | 1244.9 | 1217.5 | 1165.0 | 1087.3 | 998.5  | 919.5  | 851.0  | 785.2  | 719.8  |
| 47.5° | 1253.8 | 1247.6 | 1237.9 | 1212.2 | 1160.6 | 1081.5 | 990.6  | 911.9  | 846.6  | 786.5  | 728.7  |
| 50°   | 1225.9 | 1222.4 | 1214.9 | 1193.3 | 1146.9 | 1070.5 | 983.5  | 908.0  | 845.7  | 793.2  | 741.0  |
| 52.5° | 1223.3 | 1221.1 | 1211.8 | 1190.2 | 1142.9 | 1066.9 | 982.6  | 910.2  | 853.2  | 801.5  | 749.9  |
| 55°   | 1494.9 | 1463.5 | 1393.3 | 1333.7 | 1235.6 | 1119.1 | 1027.2 | 945.9  | 885.0  | 834.6  | 798.5  |
| 57.5° | 2124.6 | 2077.8 | 1985.5 | 1872.0 | 1646.8 | 1425.6 | 1248.5 | 1120.4 | 1057.2 | 1034.3 | 1048.0 |
| 60°   | 2419.6 | 2411.2 | 2396.7 | 2342.8 | 2227.5 | 2037.2 | 1825.2 | 1596.0 | 1504.2 | 1496.2 | 1524.0 |
| 62.5° | 2559.6 | 2554.3 | 2558.7 | 2552.1 | 2516.3 | 2460.7 | 2399.7 | 2300.9 | 2209.9 | 2151.1 | 2026.6 |
| 65°   | 2624.1 | 2627.6 | 2652.8 | 2672.7 | 2677.1 | 2691.7 | 2736.3 | 2859.5 | 2949.6 | 2798.1 | 2452.3 |
| 67.5° | 2460.3 | 2481.0 | 2538.9 | 2611.3 | 2696.1 | 2778.2 | 2910.7 | 3170.4 | 3355.4 | 3177.4 | 2686.4 |
| 69°   | 2036.7 | 2046.9 | 2188.2 | 2324.7 | 2531.8 | 2676.7 | 2868.7 | 3209.3 | 3417.3 | 3216.3 | 2667.8 |
| 70°   | 1603.5 | 1612.8 | 1764.3 | 1949.7 | 2300.0 | 2486.3 | 2737.6 | 3143.4 | 3359.4 | 3164.6 | 2572.4 |
| 72.5° | 723.4  | 710.1  | 763.6  | 862.9  | 1243.6 | 1539.5 | 1978.9 | 2546.8 | 2771.6 | 2535.3 | 1924.6 |
| 75°   | 505.2  | 499.5  | 505.2  | 505.6  | 564.8  | 728.7  | 919.5  | 1380.5 | 1707.3 | 1473.2 | 919.5  |
| 77.5° | 391.3  | 387.3  | 383.3  | 378.9  | 386.0  | 432.3  | 450.9  | 489.8  | 635.9  | 601.5  | 350.6  |
| 80°   | 309.6  | 306.1  | 315.8  | 312.6  | 312.6  | 317.9  | 314.4  | 299.9  | 272.5  | 252.6  | 226.1  |
| 82.5° | 143.9  | 144.8  | 144.8  | 157.2  | 189.5  | 221.2  | 231.4  | 216.8  | 192.5  | 163.8  | 132.1  |
| 85°   | 13.7   | 15.5   | 26.1   | 40.2   | 79.9   | 90.1   | 90.5   | 75.1   | 75.1   | 59.2   | 47.7   |
| 87.5° | 0.0    | 0.5    | 0.5    | 0.5    | 4.0    | 11.1   | 9.3    | 2.6    | 1.3    | 1.3    | 2.2    |
| 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 203.6  | 203.6  | 203.6  | 203.6  | 203.6  | 203.6  | 203.6 | 203.6 | 203.6 | 203.6 | 203.6 |
| 2.5°  | 234.9  | 233.6  | 228.3  | 223.0  | 218.2  | 212.9  | 208.0 | 203.1 | 197.8 | 193.9 | 189.0 |
| 5°    | 274.7  | 265.0  | 253.9  | 243.3  | 232.8  | 221.7  | 210.2 | 200.1 | 189.5 | 179.8 | 170.5 |
| 7.5°  | 314.9  | 295.9  | 280.9  | 261.9  | 244.6  | 227.4  | 211.5 | 195.2 | 180.2 | 166.1 | 152.8 |
| 10°   | 348.9  | 325.9  | 302.5  | 278.2  | 253.5  | 230.5  | 208.5 | 189.0 | 169.1 | 151.9 | 135.6 |
| 12.5° | 376.7  | 347.5  | 318.8  | 288.4  | 260.5  | 231.4  | 204.1 | 180.6 | 157.2 | 137.8 | 121.0 |
| 15°   | 401.9  | 368.3  | 333.9  | 298.5  | 263.2  | 230.1  | 199.6 | 170.5 | 146.6 | 124.5 | 105.5 |
| 17.5° | 422.2  | 383.8  | 344.9  | 305.2  | 267.2  | 228.3  | 193.9 | 163.4 | 135.6 | 112.6 | 94.1  |
| 20°   | 439.9  | 399.6  | 357.7  | 313.1  | 269.8  | 227.9  | 189.0 | 154.6 | 125.9 | 101.6 | 83.5  |
| 22.5° | 456.2  | 416.0  | 370.9  | 323.3  | 273.8  | 227.4  | 184.6 | 147.9 | 117.5 | 93.2  | 75.1  |
| 25°   | 474.8  | 432.3  | 385.1  | 333.9  | 280.9  | 229.2  | 181.9 | 142.6 | 109.9 | 85.2  | 68.5  |
| 27.5° | 495.5  | 450.9  | 401.9  | 347.1  | 290.1  | 232.8  | 181.1 | 136.9 | 103.3 | 77.7  | 63.2  |
| 30°   | 524.6  | 473.0  | 418.6  | 360.4  | 298.5  | 236.7  | 180.2 | 133.4 | 96.7  | 72.0  | 57.8  |
| 32.5° | 550.2  | 494.6  | 437.2  | 374.1  | 307.8  | 240.7  | 179.8 | 128.5 | 90.5  | 66.2  | 53.9  |
| 35°   | 577.2  | 514.5  | 453.1  | 387.3  | 315.8  | 245.1  | 179.3 | 125.0 | 84.8  | 60.5  | 49.9  |
| 37.5° | 600.6  | 531.3  | 465.5  | 398.8  | 324.6  | 249.1  | 179.8 | 121.9 | 79.5  | 55.6  | 46.4  |
| 40°   | 620.5  | 548.5  | 479.2  | 409.4  | 333.9  | 255.2  | 180.2 | 118.8 | 74.2  | 51.2  | 43.3  |
| 42.5° | 638.1  | 564.8  | 493.7  | 421.3  | 344.5  | 262.3  | 182.8 | 116.1 | 69.8  | 47.2  | 40.2  |
| 45°   | 651.8  | 579.8  | 509.6  | 438.1  | 361.7  | 273.8  | 187.7 | 114.4 | 65.4  | 43.7  | 37.5  |
| 47.5° | 665.9  | 601.9  | 536.6  | 464.6  | 386.9  | 291.9  | 196.1 | 113.9 | 61.8  | 41.1  | 35.3  |
| 50°   | 685.4  | 624.0  | 560.4  | 491.5  | 409.8  | 310.5  | 206.2 | 114.4 | 57.4  | 38.4  | 33.1  |
| 52.5° | 699.5  | 646.5  | 591.3  | 538.3  | 464.6  | 367.0  | 245.5 | 122.3 | 55.2  | 36.2  | 30.5  |
| 55°   | 783.0  | 773.7  | 775.0  | 783.9  | 726.9  | 624.5  | 410.7 | 176.6 | 64.9  | 41.1  | 30.1  |
| 57.5° | 1104.0 | 1136.7 | 1155.7 | 1155.3 | 1061.2 | 880.2  | 551.6 | 227.0 | 72.4  | 47.7  | 35.8  |
| 60°   | 1526.2 | 1501.5 | 1466.6 | 1380.5 | 1255.5 | 1004.7 | 616.9 | 244.2 | 62.7  | 38.0  | 32.7  |
| 62.5° | 1899.4 | 1754.6 | 1626.0 | 1486.5 | 1322.6 | 1048.0 | 630.2 | 242.9 | 54.8  | 28.7  | 22.9  |
| 65°   | 2132.2 | 1871.6 | 1664.0 | 1489.2 | 1296.2 | 1011.8 | 596.2 | 223.0 | 46.4  | 23.4  | 19.0  |
| 67.5° | 2187.8 | 1808.4 | 1514.7 | 1291.7 | 1082.9 | 787.4  | 437.6 | 167.8 | 36.2  | 19.4  | 16.8  |
| 69°   | 2066.3 | 1607.5 | 1255.1 | 1002.0 | 787.9  | 522.4  | 270.7 | 106.0 | 27.8  | 17.7  | 15.5  |
| 70°   | 1900.7 | 1398.2 | 1022.3 | 804.2  | 583.4  | 367.0  | 189.5 | 74.6  | 22.5  | 16.4  | 14.1  |
| 72.5° | 1222.9 | 734.4  | 502.6  | 349.8  | 240.7  | 146.2  | 74.2  | 33.6  | 17.2  | 13.7  | 11.5  |
| 75°   | 474.3  | 271.6  | 196.9  | 149.7  | 117.1  | 81.2   | 45.1  | 21.6  | 14.6  | 11.5  | 8.8   |
| 77.5° | 233.6  | 178.9  | 146.2  | 100.2  | 58.3   | 36.2   | 24.3  | 16.8  | 11.9  | 8.4   | 5.8   |
| 80°   | 184.6  | 122.8  | 73.3   | 45.5   | 34.5   | 26.1   | 18.5  | 13.7  | 8.8   | 5.3   | 4.0   |
| 82.5° | 94.5   | 51.7   | 38.0   | 30.9   | 25.6   | 20.3   | 15.0  | 9.7   | 5.8   | 3.5   | 3.1   |
| 85°   | 29.6   | 21.6   | 19.4   | 19.0   | 17.7   | 14.6   | 10.6  | 6.2   | 3.5   | 2.2   | 2.2   |
| 87.5° | 2.2    | 3.1    | 4.0    | 3.1    | 3.5    | 3.1    | 4.0   | 2.6   | 1.8   | 1.8   | 1.3   |
| 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):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 203.6 | 203.6 | 203.6 | 203.6 | 203.6 | 203.6 | 203.6 | 203.6 | 203.6 | 203.6 | 203.6 |
| 2.5°  | 185.5 | 180.2 | 175.3 | 172.2 | 166.5 | 164.3 | 162.1 | 161.2 | 157.2 | 158.1 | 154.6 |
| 5°    | 162.1 | 152.8 | 145.8 | 138.7 | 132.1 | 127.2 | 123.2 | 118.4 | 114.4 | 112.6 | 109.1 |
| 7.5°  | 140.9 | 128.9 | 119.7 | 112.2 | 104.2 | 98.1  | 92.8  | 89.2  | 85.7  | 82.1  | 80.4  |
| 10°   | 122.3 | 109.5 | 98.9  | 91.4  | 83.9  | 78.6  | 74.6  | 72.0  | 69.8  | 68.5  | 68.0  |
| 12.5° | 105.1 | 92.8  | 83.0  | 76.4  | 70.6  | 68.0  | 66.2  | 64.9  | 64.5  | 64.1  | 64.1  |
| 15°   | 91.9  | 79.5  | 72.0  | 67.1  | 64.5  | 63.2  | 62.7  | 61.8  | 60.9  | 60.5  | 60.5  |
| 17.5° | 79.5  | 70.2  | 64.9  | 62.3  | 60.9  | 60.1  | 59.2  | 58.3  | 57.4  | 56.9  | 56.9  |
| 20°   | 71.1  | 63.6  | 60.9  | 59.2  | 57.8  | 56.9  | 55.6  | 54.8  | 54.3  | 53.9  | 53.4  |
| 22.5° | 64.5  | 59.6  | 57.8  | 56.5  | 54.8  | 53.4  | 52.5  | 51.7  | 50.8  | 50.4  | 49.9  |
| 25°   | 59.6  | 56.5  | 55.2  | 53.4  | 51.7  | 50.4  | 49.0  | 47.7  | 46.8  | 46.4  | 45.5  |
| 27.5° | 56.1  | 53.9  | 52.1  | 49.9  | 48.1  | 46.8  | 45.5  | 44.2  | 43.3  | 42.4  | 41.9  |
| 30°   | 53.0  | 50.8  | 48.6  | 46.8  | 44.6  | 43.3  | 41.5  | 40.2  | 39.8  | 38.9  | 38.0  |
| 32.5° | 49.9  | 47.7  | 45.5  | 43.3  | 41.1  | 39.3  | 38.4  | 36.6  | 35.8  | 35.3  | 34.5  |
| 35°   | 46.4  | 44.2  | 41.5  | 39.8  | 37.5  | 35.8  | 34.5  | 33.1  | 32.2  | 31.4  | 30.9  |
| 37.5° | 43.3  | 40.6  | 38.0  | 35.8  | 34.0  | 32.2  | 30.9  | 29.6  | 28.7  | 27.8  | 27.4  |
| 40°   | 39.8  | 37.1  | 34.5  | 32.2  | 30.5  | 29.2  | 27.8  | 26.5  | 25.6  | 25.2  | 25.2  |
| 42.5° | 36.6  | 33.6  | 30.9  | 29.2  | 27.8  | 26.1  | 24.7  | 23.4  | 22.9  | 22.5  | 22.9  |
| 45°   | 33.6  | 30.5  | 28.2  | 26.5  | 25.2  | 23.4  | 22.1  | 21.2  | 20.8  | 21.2  | 21.6  |
| 47.5° | 30.9  | 27.8  | 25.6  | 24.3  | 22.9  | 21.6  | 20.3  | 19.4  | 19.4  | 20.3  | 21.2  |
| 50°   | 28.2  | 25.2  | 23.4  | 22.5  | 21.2  | 19.9  | 18.1  | 17.7  | 18.1  | 19.0  | 19.9  |
| 52.5° | 25.6  | 22.1  | 20.8  | 20.3  | 19.0  | 17.7  | 16.4  | 15.9  | 16.4  | 17.2  | 16.8  |
| 55°   | 22.9  | 19.4  | 19.0  | 18.5  | 17.2  | 15.5  | 14.1  | 14.1  | 14.1  | 13.7  | 12.8  |
| 57.5° | 22.1  | 17.2  | 16.8  | 16.4  | 15.0  | 13.2  | 12.4  | 11.5  | 11.1  | 9.7   | 9.3   |
| 60°   | 22.9  | 15.5  | 15.5  | 14.6  | 13.2  | 11.5  | 10.2  | 8.8   | 7.9   | 7.1   | 7.1   |
| 62.5° | 18.5  | 14.1  | 13.7  | 12.8  | 11.1  | 9.3   | 7.9   | 6.6   | 6.2   | 5.8   | 5.8   |
| 65°   | 15.0  | 12.8  | 11.9  | 10.6  | 9.3   | 7.5   | 6.2   | 5.3   | 4.9   | 4.9   | 5.3   |
| 67.5° | 13.7  | 11.5  | 10.2  | 8.8   | 7.5   | 5.8   | 4.9   | 4.4   | 4.4   | 4.9   | 4.9   |
| 69°   | 12.8  | 10.6  | 9.3   | 7.9   | 6.6   | 5.3   | 4.4   | 4.4   | 4.4   | 4.4   | 4.9   |
| 70°   | 11.9  | 10.2  | 8.8   | 7.5   | 5.8   | 4.4   | 4.0   | 4.0   | 4.4   | 4.4   | 4.9   |
| 72.5° | 9.3   | 7.9   | 7.5   | 6.2   | 4.4   | 4.0   | 3.5   | 4.0   | 4.0   | 4.4   | 4.4   |
| 75°   | 7.1   | 5.8   | 5.8   | 4.9   | 3.5   | 3.1   | 3.1   | 3.5   | 3.5   | 4.0   | 4.0   |
| 77.5° | 4.9   | 4.0   | 4.0   | 3.5   | 3.1   | 2.6   | 2.6   | 3.1   | 3.5   | 3.5   | 4.0   |
| 80°   | 3.5   | 3.1   | 2.6   | 3.1   | 2.6   | 2.2   | 2.6   | 3.1   | 3.1   | 3.5   | 3.5   |
| 82.5° | 2.6   | 2.6   | 2.6   | 2.6   | 2.2   | 2.2   | 2.6   | 2.6   | 3.1   | 3.5   | 3.5   |
| 85°   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.6   | 2.6   | 3.1   | 3.1   |
| 87.5° | 1.3   | 1.3   | 1.3   | 1.8   | 1.8   | 2.2   | 2.2   | 2.2   | 2.2   | 2.6   | 2.6   |
| 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: P162720

CATALOG NUMBER: MEM-F02-LED-E-U-SL4-HSS-8030

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 203.6 | 203.6 | 203.6 | 203.6 |
| 2.5°  | 153.7 | 153.2 | 151.5 | 151.9 |
| 5°    | 107.8 | 105.1 | 106.9 | 106.4 |
| 7.5°  | 79.1  | 78.6  | 78.2  | 79.1  |
| 10°   | 67.6  | 67.6  | 67.1  | 67.6  |
| 12.5° | 63.6  | 63.6  | 63.6  | 63.6  |
| 15°   | 60.5  | 60.5  | 60.1  | 60.1  |
| 17.5° | 56.9  | 56.9  | 56.9  | 56.5  |
| 20°   | 53.4  | 53.0  | 53.0  | 53.0  |
| 22.5° | 49.5  | 49.0  | 49.0  | 49.0  |
| 25°   | 45.5  | 45.1  | 45.1  | 45.1  |
| 27.5° | 41.5  | 41.1  | 40.6  | 40.6  |
| 30°   | 37.5  | 37.1  | 36.6  | 36.6  |
| 32.5° | 33.6  | 33.1  | 32.7  | 32.7  |
| 35°   | 30.1  | 30.1  | 29.6  | 29.2  |
| 37.5° | 26.9  | 26.9  | 26.9  | 26.9  |
| 40°   | 24.7  | 25.2  | 25.2  | 25.2  |
| 42.5° | 23.4  | 23.8  | 24.3  | 24.7  |
| 45°   | 22.5  | 23.4  | 23.8  | 23.8  |
| 47.5° | 22.1  | 22.5  | 22.9  | 22.9  |
| 50°   | 20.3  | 19.9  | 19.9  | 19.9  |
| 52.5° | 16.4  | 15.5  | 15.0  | 14.6  |
| 55°   | 11.9  | 11.5  | 10.6  | 10.6  |
| 57.5° | 8.4   | 8.4   | 7.9   | 7.9   |
| 60°   | 6.6   | 6.6   | 6.2   | 6.6   |
| 62.5° | 5.8   | 5.8   | 5.8   | 5.8   |
| 65°   | 5.3   | 5.3   | 5.3   | 5.3   |
| 67.5° | 5.3   | 5.3   | 5.3   | 5.3   |
| 69°   | 4.9   | 4.9   | 4.9   | 4.9   |
| 70°   | 4.9   | 4.9   | 4.9   | 4.9   |
| 72.5° | 4.4   | 4.4   | 4.4   | 4.4   |
| 75°   | 4.0   | 4.4   | 4.4   | 4.4   |
| 77.5° | 4.0   | 4.0   | 4.0   | 4.0   |
| 80°   | 3.5   | 3.5   | 4.0   | 4.0   |
| 82.5° | 3.5   | 3.5   | 3.5   | 3.5   |
| 85°   | 3.1   | 3.1   | 3.5   | 3.5   |
| 87.5° | 2.6   | 2.6   | 3.1   | 3.1   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)