

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: P162558

Luminaire Tested: **MEM-E02-LED-E-U-SL3-HSS-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P162558  
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: MEM-E02-LED-E-U-SL3-HSS-7050  
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (42) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

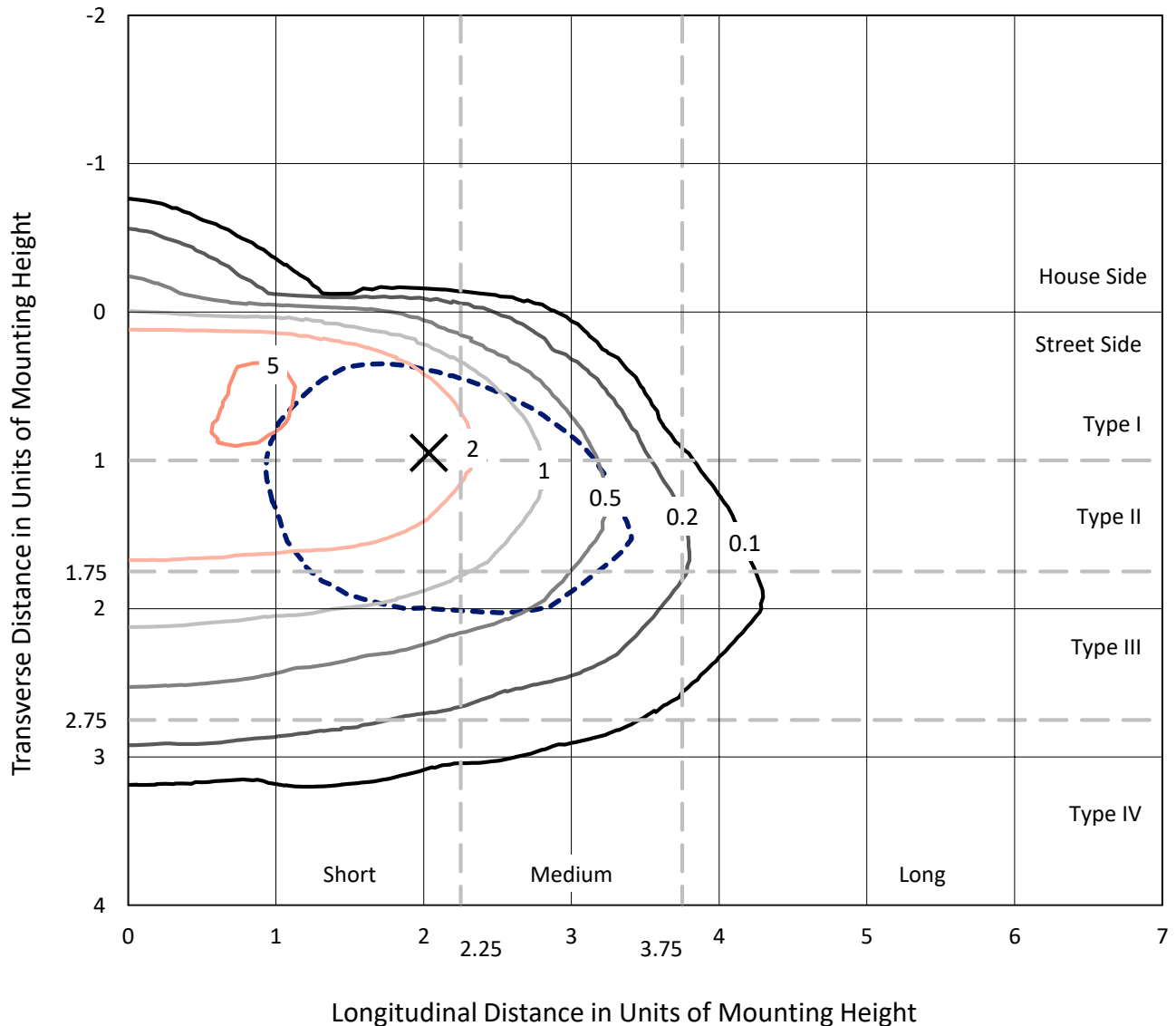
Lumens per Lamp: N/A  
Luminaire Lumens: 3383 lumens  
Efficiency: N/A  
Efficacy: 64.9 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1  
  
Input Watts (W): 52.1  
Input Voltage (V): NR  
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

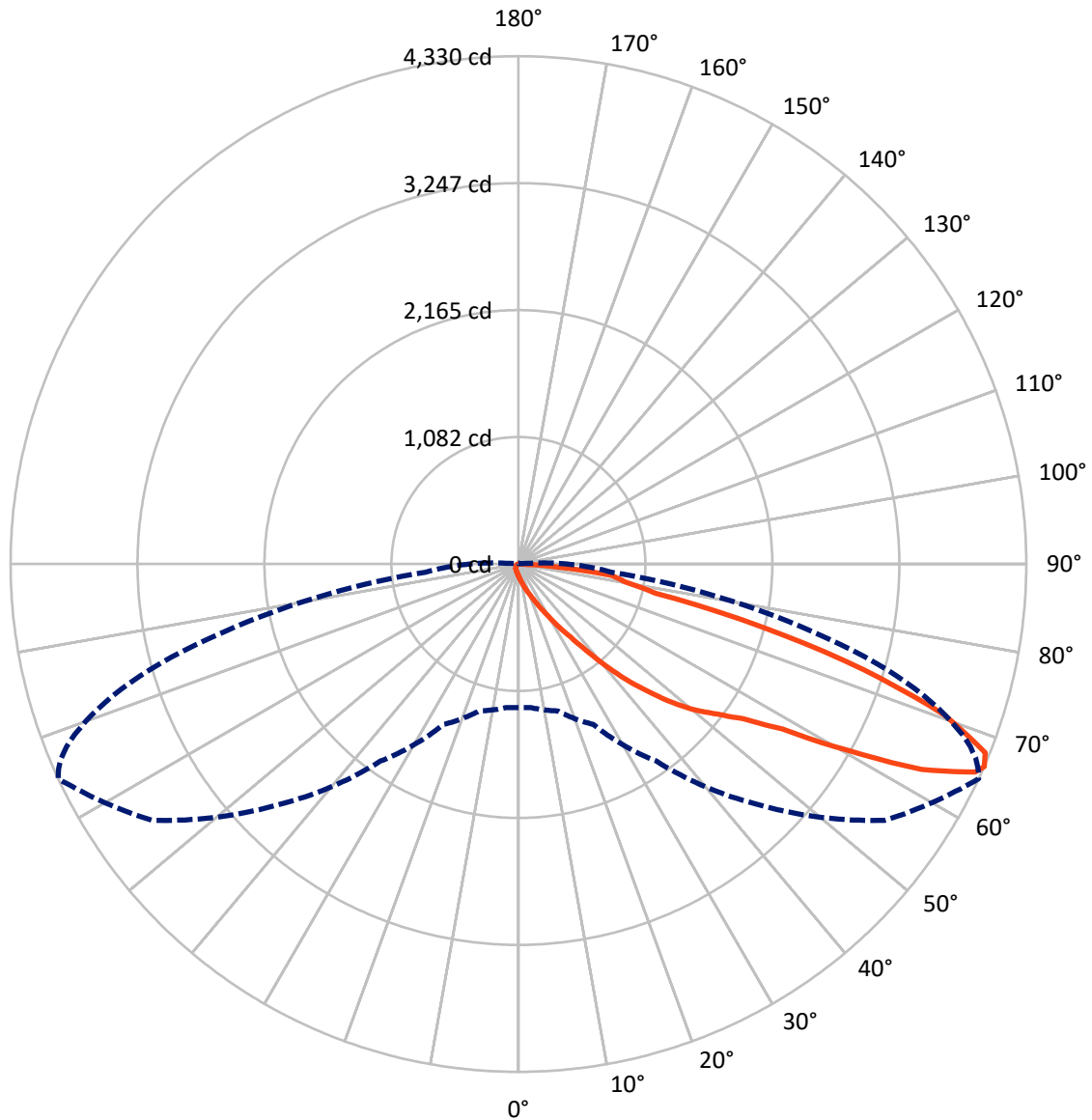


Based on 10 foot mounting height. Maximum calculated value = 5.6 fc  
 Type III - Short - Non-Cutoff

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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    | 73.4     | 0.0    | 73.4   |
|                    | % Fixture | 2.2      | 0.0    | 2.2    |
| <b>Street Side</b> | Lumens    | 3309.7   | 0.0    | 3309.7 |
|                    | % Fixture | 97.8     | 0.0    | 97.8   |
| <b>Total</b>       | Lumens    | 3383.0   | 0.0    | 3383.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 11.4   | 0.3       |
| 10°-20°   | 48.5   | 1.4       |
| 20°-30°   | 104.5  | 3.1       |
| 30°-40°   | 223.3  | 6.6       |
| 40°-50°   | 493.7  | 14.6      |
| 50°-60°   | 836.7  | 24.7      |
| 60°-70°   | 1116.5 | 33.0      |
| 70°-80°   | 491.8  | 14.5      |
| 80°-90°   | 56.7   | 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°    | 3383.0 | 100.0     |
| 0°-180°   | 3383.0 | 100.0     |

**Coefficient of Utilization**



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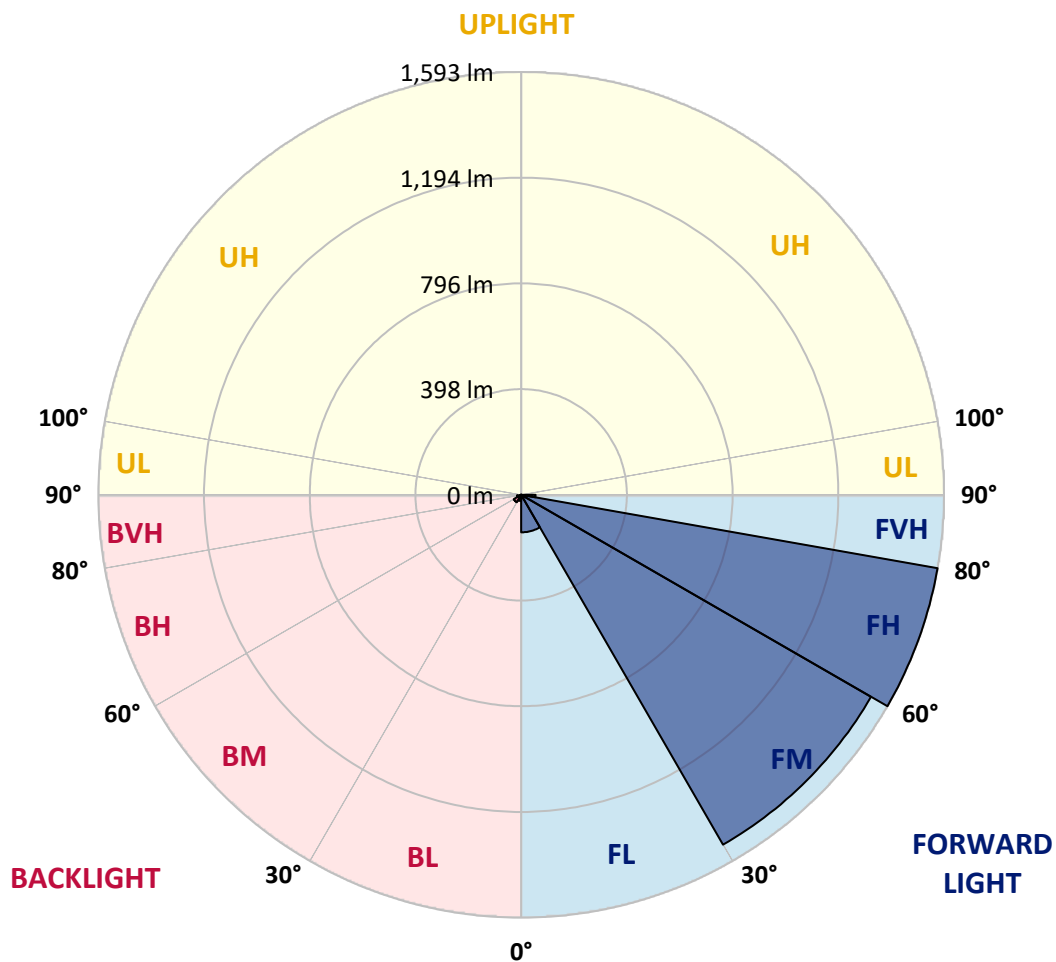
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 141.3  | 4.2       |                         |      |         |
| FM   | (30°-60°)   | 1521.4 | 45.0      |                         |      |         |
| FH   | (60°-80°)   | 1592.5 | 47.1      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 54.4   | 1.6       |                         |      | G1/100  |
| BL   | (0°-30°)    | 23.1   | 0.7       | B0/110                  |      |         |
| BM   | (30°-60°)   | 32.2   | 1.0       | B0/220                  |      |         |
| BH   | (60°-80°)   | 15.7   | 0.5       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 2.3    | 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°    | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  |
| 2.5°  | 128.8  | 128.1  | 125.5  | 125.5  | 121.6  | 119.0  | 115.7  | 112.5  | 112.5  | 111.8  | 111.2  |
| 5°    | 170.4  | 166.5  | 165.8  | 158.7  | 152.8  | 144.4  | 136.6  | 126.1  | 124.8  | 123.5  | 122.9  |
| 7.5°  | 216.6  | 216.0  | 210.1  | 201.6  | 189.9  | 174.3  | 158.7  | 141.8  | 139.2  | 137.9  | 135.3  |
| 10°   | 276.4  | 273.1  | 265.4  | 251.1  | 233.5  | 212.7  | 187.3  | 160.6  | 157.4  | 154.8  | 153.5  |
| 12.5° | 333.6  | 327.8  | 323.2  | 305.0  | 282.9  | 252.4  | 221.8  | 183.4  | 180.8  | 177.6  | 172.4  |
| 15°   | 387.0  | 381.8  | 374.0  | 358.4  | 333.6  | 295.2  | 259.5  | 212.7  | 206.2  | 201.6  | 197.7  |
| 17.5° | 428.6  | 425.4  | 416.3  | 398.7  | 372.0  | 338.2  | 295.2  | 242.6  | 237.4  | 231.6  | 224.4  |
| 20°   | 468.2  | 463.7  | 449.4  | 425.4  | 396.8  | 370.7  | 337.5  | 281.6  | 274.4  | 267.3  | 259.5  |
| 22.5° | 506.0  | 501.4  | 478.0  | 438.4  | 407.8  | 396.8  | 385.0  | 325.8  | 314.8  | 308.9  | 301.1  |
| 25°   | 558.7  | 548.9  | 512.5  | 449.4  | 408.5  | 416.9  | 437.1  | 383.1  | 372.7  | 364.2  | 351.9  |
| 27.5° | 629.5  | 616.6  | 559.4  | 465.6  | 411.1  | 439.0  | 496.9  | 452.6  | 441.6  | 431.9  | 418.2  |
| 30°   | 709.6  | 701.1  | 632.8  | 504.7  | 429.9  | 471.5  | 563.9  | 541.1  | 528.1  | 516.4  | 500.1  |
| 32.5° | 790.2  | 778.5  | 710.9  | 578.9  | 480.6  | 534.6  | 647.8  | 643.9  | 627.0  | 615.9  | 598.4  |
| 35°   | 861.1  | 855.2  | 805.2  | 700.5  | 596.4  | 645.2  | 759.7  | 764.2  | 749.3  | 737.6  | 718.0  |
| 37.5° | 909.3  | 909.3  | 899.5  | 831.2  | 780.5  | 816.9  | 924.2  | 924.9  | 909.9  | 883.2  | 873.5  |
| 40°   | 934.0  | 941.1  | 976.2  | 989.2  | 986.6  | 1033.5 | 1140.1 | 1128.4 | 1116.1 | 1102.4 | 1069.9 |
| 42.5° | 984.7  | 991.2  | 1066.0 | 1155.7 | 1214.3 | 1276.1 | 1349.5 | 1345.6 | 1330.7 | 1306.0 | 1276.1 |
| 45°   | 1070.6 | 1079.0 | 1168.1 | 1310.5 | 1430.9 | 1518.6 | 1565.5 | 1547.3 | 1532.3 | 1508.9 | 1493.3 |
| 47.5° | 1179.8 | 1196.0 | 1296.9 | 1473.1 | 1618.2 | 1763.2 | 1812.0 | 1763.9 | 1750.8 | 1732.6 | 1707.2 |
| 50°   | 1296.2 | 1311.8 | 1419.2 | 1620.8 | 1784.7 | 1957.7 | 2038.9 | 1957.7 | 1938.8 | 1933.0 | 1904.3 |
| 52.5° | 1397.0 | 1410.0 | 1513.4 | 1734.6 | 1912.1 | 2115.1 | 2233.4 | 2126.1 | 2112.5 | 2092.9 | 2072.1 |
| 55°   | 1456.9 | 1467.3 | 1564.2 | 1789.2 | 1998.6 | 2256.8 | 2421.4 | 2327.1 | 2306.9 | 2299.1 | 2269.2 |
| 57.5° | 1477.0 | 1487.4 | 1574.6 | 1796.4 | 2045.4 | 2386.2 | 2649.7 | 2653.0 | 2628.9 | 2600.9 | 2591.8 |
| 60°   | 1477.0 | 1488.7 | 1562.2 | 1778.8 | 2091.0 | 2524.2 | 2954.1 | 3225.3 | 3173.3 | 3168.1 | 3134.9 |
| 62.5° | 1415.9 | 1427.0 | 1501.1 | 1724.8 | 2152.2 | 2710.1 | 3378.1 | 3856.8 | 3841.8 | 3808.0 | 3753.4 |
| 65°   | 1283.2 | 1289.7 | 1362.5 | 1587.0 | 2128.7 | 2881.2 | 3745.6 | 4276.9 | 4252.9 | 4186.5 | 4116.3 |
| 66°   | 1223.4 | 1228.6 | 1296.9 | 1508.2 | 2051.9 | 2904.6 | 3810.6 | 4329.6 | 4289.9 | 4234.0 | 4154.7 |
| 67.5° | 1136.9 | 1146.0 | 1194.1 | 1361.9 | 1867.9 | 2823.3 | 3769.6 | 4292.5 | 4258.1 | 4190.4 | 4111.1 |
| 70°   | 759.0  | 752.5  | 922.3  | 1045.2 | 1423.1 | 2300.4 | 3382.0 | 3854.2 | 3854.9 | 3823.0 | 3791.1 |
| 72.5° | 360.3  | 364.2  | 413.7  | 643.2  | 931.4  | 1536.8 | 2692.0 | 3076.3 | 3120.5 | 3063.3 | 3023.7 |
| 75°   | 258.9  | 264.7  | 294.6  | 393.5  | 555.4  | 922.3  | 1745.0 | 2151.5 | 2152.8 | 2051.3 | 1960.9 |
| 77.5° | 75.5   | 78.7   | 110.5  | 242.6  | 416.3  | 622.4  | 1002.2 | 1196.0 | 1168.1 | 1095.3 | 1027.0 |
| 80°   | 31.2   | 31.2   | 32.5   | 77.4   | 167.1  | 422.8  | 701.1  | 921.0  | 917.7  | 889.7  | 849.4  |
| 82.5° | 11.7   | 12.4   | 15.6   | 31.9   | 39.7   | 104.0  | 467.6  | 799.3  | 797.4  | 757.7  | 729.1  |
| 85°   | 1.3    | 1.3    | 3.9    | 13.7   | 15.0   | 19.5   | 93.6   | 352.5  | 350.6  | 352.5  | 308.9  |
| 87.5° | 0.0    | 0.0    | 0.7    | 1.3    | 2.0    | 2.6    | 3.9    | 13.7   | 15.0   | 14.3   | 13.0   |
| 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°    | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  |
| 2.5°  | 111.2  | 109.9  | 109.9  | 109.2  | 109.2  | 109.2  | 108.6  | 107.9  | 107.9  | 107.3  | 106.6  |
| 5°    | 121.6  | 120.3  | 119.6  | 118.3  | 117.7  | 117.0  | 115.7  | 115.1  | 113.8  | 113.1  | 112.5  |
| 7.5°  | 134.0  | 131.4  | 130.7  | 128.8  | 126.8  | 125.5  | 124.2  | 122.2  | 120.9  | 118.3  | 117.7  |
| 10°   | 149.6  | 146.3  | 143.7  | 141.1  | 139.2  | 135.9  | 134.0  | 131.4  | 128.8  | 126.8  | 124.8  |
| 12.5° | 169.7  | 165.2  | 161.3  | 158.7  | 154.1  | 150.2  | 146.3  | 144.4  | 139.2  | 136.6  | 133.3  |
| 15°   | 191.9  | 186.7  | 182.1  | 176.9  | 173.7  | 167.1  | 161.9  | 156.1  | 153.5  | 148.9  | 143.7  |
| 17.5° | 220.5  | 212.0  | 204.9  | 199.7  | 193.2  | 186.7  | 180.8  | 175.0  | 167.1  | 161.9  | 155.4  |
| 20°   | 251.1  | 243.9  | 234.2  | 225.1  | 217.3  | 209.4  | 201.0  | 193.2  | 186.0  | 177.6  | 169.7  |
| 22.5° | 290.0  | 279.6  | 268.0  | 258.9  | 248.5  | 240.0  | 228.3  | 217.9  | 206.2  | 195.1  | 186.0  |
| 25°   | 339.5  | 325.8  | 314.8  | 301.8  | 289.4  | 276.4  | 262.1  | 249.1  | 234.2  | 223.8  | 208.1  |
| 27.5° | 400.7  | 387.7  | 372.7  | 355.8  | 343.4  | 323.9  | 305.0  | 288.7  | 271.2  | 255.0  | 237.4  |
| 30°   | 478.7  | 459.8  | 444.2  | 428.0  | 403.3  | 384.4  | 362.3  | 340.1  | 316.1  | 299.8  | 273.1  |
| 32.5° | 572.4  | 552.2  | 528.8  | 505.3  | 482.6  | 455.9  | 428.6  | 401.3  | 374.6  | 344.7  | 317.4  |
| 35°   | 686.8  | 662.7  | 636.0  | 610.7  | 575.6  | 547.0  | 512.5  | 474.8  | 444.9  | 410.4  | 375.9  |
| 37.5° | 838.3  | 798.7  | 775.3  | 748.6  | 701.1  | 662.1  | 623.7  | 586.0  | 533.3  | 496.9  | 448.1  |
| 40°   | 1028.3 | 1004.8 | 966.5  | 923.6  | 880.6  | 829.2  | 777.2  | 727.1  | 666.0  | 615.3  | 558.7  |
| 42.5° | 1251.4 | 1216.9 | 1177.8 | 1116.1 | 1072.5 | 1012.0 | 952.8  | 886.5  | 811.6  | 746.7  | 680.3  |
| 45°   | 1460.8 | 1419.8 | 1389.9 | 1328.1 | 1282.6 | 1211.0 | 1139.5 | 1069.2 | 982.7  | 898.9  | 822.1  |
| 47.5° | 1687.1 | 1653.3 | 1603.9 | 1553.8 | 1507.6 | 1427.0 | 1349.5 | 1264.4 | 1173.3 | 1073.8 | 974.3  |
| 50°   | 1886.1 | 1859.4 | 1825.6 | 1765.2 | 1713.8 | 1646.1 | 1555.1 | 1462.1 | 1346.9 | 1248.1 | 1134.9 |
| 52.5° | 2055.2 | 2034.4 | 1987.0 | 1944.0 | 1897.8 | 1834.1 | 1752.8 | 1663.7 | 1539.4 | 1430.9 | 1302.1 |
| 55°   | 2254.9 | 2239.9 | 2198.3 | 2171.6 | 2130.7 | 2069.5 | 1993.4 | 1910.8 | 1779.5 | 1661.1 | 1515.4 |
| 57.5° | 2582.0 | 2570.3 | 2533.9 | 2522.9 | 2482.6 | 2429.2 | 2335.6 | 2247.1 | 2093.6 | 1946.6 | 1780.1 |
| 60°   | 3123.8 | 3100.4 | 3047.1 | 3019.8 | 2934.5 | 2863.0 | 2741.4 | 2619.8 | 2434.4 | 2247.1 | 2046.7 |
| 62.5° | 3704.0 | 3638.3 | 3536.8 | 3449.6 | 3328.7 | 3204.5 | 3041.9 | 2855.9 | 2638.6 | 2416.2 | 2185.9 |
| 65°   | 4016.8 | 3904.9 | 3776.8 | 3638.3 | 3481.5 | 3298.8 | 3093.9 | 2870.8 | 2637.3 | 2402.5 | 2159.3 |
| 66°   | 4052.6 | 3926.4 | 3790.4 | 3636.3 | 3462.0 | 3267.5 | 3059.4 | 2825.3 | 2582.7 | 2353.7 | 2110.5 |
| 67.5° | 4007.7 | 3875.7 | 3731.9 | 3560.9 | 3372.3 | 3170.7 | 2952.1 | 2708.8 | 2475.4 | 2243.2 | 2006.4 |
| 70°   | 3693.6 | 3562.2 | 3434.0 | 3253.9 | 3052.9 | 2850.0 | 2643.2 | 2371.3 | 2150.2 | 1936.9 | 1726.1 |
| 72.5° | 2949.5 | 2860.4 | 2733.5 | 2579.4 | 2383.6 | 2145.7 | 1973.3 | 1730.0 | 1538.1 | 1331.3 | 1168.1 |
| 75°   | 1843.2 | 1717.7 | 1560.9 | 1364.5 | 1214.9 | 1021.7 | 921.0  | 736.3  | 627.0  | 531.4  | 439.0  |
| 77.5° | 942.4  | 848.1  | 738.2  | 627.6  | 521.6  | 416.3  | 321.9  | 227.7  | 153.5  | 106.6  | 79.4   |
| 80°   | 778.5  | 695.3  | 604.2  | 503.4  | 409.8  | 318.0  | 229.0  | 156.1  | 99.5   | 65.1   | 50.8   |
| 82.5° | 643.2  | 573.0  | 491.7  | 398.1  | 316.7  | 249.8  | 173.7  | 113.1  | 70.3   | 45.6   | 35.8   |
| 85°   | 273.8  | 248.5  | 191.9  | 152.2  | 114.4  | 84.6   | 59.2   | 39.7   | 28.0   | 22.8   | 20.8   |
| 87.5° | 11.7   | 13.0   | 12.4   | 9.8    | 7.2    | 7.2    | 6.5    | 5.2    | 5.2    | 5.2    | 5.2    |
| 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):**

|       | 80°    | 81°    | 82°    | 83°    | 84°    | 85°   | 95°   | 105°  | 115°  | 125°  | 135°  |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0°    | 102.1  | 102.1  | 102.1  | 102.1  | 102.1  | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 |
| 2.5°  | 106.6  | 106.0  | 105.3  | 105.3  | 104.7  | 104.0 | 100.1 | 96.9  | 93.0  | 90.4  | 87.8  |
| 5°    | 111.2  | 110.5  | 109.2  | 108.6  | 107.3  | 106.6 | 98.2  | 91.0  | 85.2  | 80.7  | 77.4  |
| 7.5°  | 115.7  | 115.1  | 113.1  | 111.2  | 110.5  | 109.2 | 95.6  | 86.5  | 78.7  | 73.5  | 70.3  |
| 10°   | 121.6  | 119.6  | 117.7  | 115.1  | 113.1  | 111.2 | 93.0  | 81.3  | 72.9  | 68.3  | 65.1  |
| 12.5° | 130.1  | 126.8  | 123.5  | 120.3  | 117.7  | 114.4 | 91.7  | 76.8  | 68.3  | 63.1  | 59.9  |
| 15°   | 139.8  | 135.3  | 131.4  | 127.4  | 122.9  | 119.6 | 89.1  | 72.9  | 64.4  | 59.2  | 55.3  |
| 17.5° | 148.9  | 143.7  | 137.9  | 132.0  | 127.4  | 122.9 | 86.5  | 69.0  | 60.5  | 55.3  | 51.4  |
| 20°   | 161.9  | 154.1  | 147.0  | 139.8  | 133.3  | 127.4 | 82.6  | 65.1  | 57.3  | 51.4  | 47.5  |
| 22.5° | 176.3  | 167.1  | 158.0  | 148.3  | 139.8  | 132.0 | 79.4  | 61.8  | 54.0  | 48.2  | 43.6  |
| 25°   | 194.5  | 183.4  | 171.0  | 158.7  | 148.9  | 138.5 | 76.1  | 58.6  | 50.8  | 44.9  | 40.3  |
| 27.5° | 219.9  | 204.2  | 190.6  | 175.0  | 160.0  | 148.3 | 73.5  | 56.0  | 47.5  | 41.6  | 37.1  |
| 30°   | 254.3  | 231.6  | 210.1  | 193.2  | 175.6  | 158.7 | 70.9  | 52.7  | 44.9  | 38.4  | 33.2  |
| 32.5° | 292.6  | 266.0  | 241.3  | 216.0  | 193.8  | 174.3 | 68.3  | 50.1  | 41.6  | 35.1  | 30.6  |
| 35°   | 340.1  | 306.3  | 273.1  | 243.9  | 217.3  | 191.2 | 65.7  | 47.5  | 39.0  | 31.9  | 27.3  |
| 37.5° | 408.5  | 366.2  | 322.6  | 284.8  | 250.4  | 216.0 | 63.8  | 44.9  | 35.8  | 28.6  | 24.1  |
| 40°   | 502.1  | 447.5  | 394.2  | 342.8  | 297.8  | 255.0 | 61.2  | 42.3  | 33.2  | 26.0  | 21.5  |
| 42.5° | 603.6  | 537.2  | 466.9  | 409.1  | 347.3  | 293.3 | 58.6  | 39.7  | 30.6  | 23.4  | 18.9  |
| 45°   | 729.8  | 647.1  | 562.0  | 483.2  | 407.8  | 338.2 | 56.0  | 37.1  | 27.3  | 20.8  | 16.3  |
| 47.5° | 867.6  | 762.3  | 666.0  | 567.2  | 477.4  | 394.2 | 52.7  | 35.1  | 24.7  | 18.2  | 14.3  |
| 50°   | 1009.4 | 898.2  | 776.6  | 664.0  | 557.4  | 450.0 | 49.5  | 31.9  | 22.1  | 16.3  | 11.7  |
| 52.5° | 1162.2 | 1030.9 | 906.7  | 766.8  | 642.6  | 523.6 | 46.2  | 29.3  | 20.2  | 14.3  | 9.8   |
| 55°   | 1356.7 | 1209.7 | 1064.0 | 907.3  | 757.7  | 608.8 | 43.0  | 26.0  | 17.6  | 12.4  | 7.8   |
| 57.5° | 1601.3 | 1427.0 | 1248.1 | 1071.2 | 889.7  | 720.6 | 40.3  | 22.8  | 15.0  | 10.4  | 6.5   |
| 60°   | 1832.1 | 1628.6 | 1412.0 | 1208.4 | 1003.5 | 806.5 | 36.4  | 20.2  | 13.0  | 8.5   | 6.5   |
| 62.5° | 1951.8 | 1719.6 | 1486.1 | 1261.8 | 1043.2 | 837.0 | 32.5  | 16.9  | 11.1  | 7.2   | 5.9   |
| 65°   | 1922.5 | 1685.8 | 1459.5 | 1233.1 | 1019.1 | 817.5 | 28.6  | 15.0  | 9.8   | 6.5   | 5.9   |
| 66°   | 1880.2 | 1646.1 | 1418.5 | 1203.2 | 999.0  | 796.7 | 26.7  | 14.3  | 9.1   | 6.5   | 5.2   |
| 67.5° | 1787.9 | 1561.6 | 1344.3 | 1144.0 | 943.7  | 757.1 | 24.1  | 13.0  | 8.5   | 5.9   | 5.2   |
| 70°   | 1527.1 | 1321.6 | 1147.9 | 969.7  | 806.5  | 638.0 | 19.5  | 11.1  | 7.2   | 5.2   | 5.2   |
| 72.5° | 1010.7 | 870.9  | 755.1  | 649.7  | 543.1  | 421.5 | 16.3  | 9.1   | 5.9   | 5.2   | 4.6   |
| 75°   | 381.1  | 344.7  | 295.9  | 266.0  | 232.2  | 203.6 | 13.0  | 5.9   | 4.6   | 4.6   | 4.6   |
| 77.5° | 67.7   | 62.5   | 55.3   | 50.8   | 46.9   | 43.0  | 10.4  | 3.9   | 3.9   | 4.6   | 4.6   |
| 80°   | 45.6   | 42.3   | 38.4   | 35.1   | 32.5   | 29.3  | 7.2   | 3.3   | 3.9   | 3.9   | 4.6   |
| 82.5° | 32.5   | 30.6   | 28.6   | 26.0   | 24.1   | 21.5  | 4.6   | 3.3   | 3.9   | 3.9   | 3.9   |
| 85°   | 19.5   | 18.2   | 16.9   | 15.6   | 13.7   | 13.0  | 3.3   | 3.3   | 3.3   | 3.9   | 3.9   |
| 87.5° | 5.2    | 4.6    | 5.2    | 5.2    | 3.9    | 4.6   | 2.6   | 2.6   | 2.6   | 3.3   | 3.3   |
| 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: P162558

CATALOG NUMBER: MEM-E02-LED-E-U-SL3-HSS-7050

**CANDELA DISTRIBUTION (continued):**

|       | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|
| 0°    | 102.1 | 102.1 | 102.1 | 102.1 | 102.1 |
| 2.5°  | 86.5  | 86.5  | 85.2  | 87.2  | 87.2  |
| 5°    | 74.8  | 74.8  | 74.2  | 74.8  | 74.8  |
| 7.5°  | 68.3  | 67.7  | 67.7  | 67.7  | 68.3  |
| 10°   | 62.5  | 61.8  | 61.8  | 61.8  | 61.8  |
| 12.5° | 57.3  | 56.6  | 56.0  | 56.6  | 56.6  |
| 15°   | 52.7  | 51.4  | 51.4  | 51.4  | 51.4  |
| 17.5° | 48.8  | 47.5  | 46.9  | 46.9  | 46.9  |
| 20°   | 44.9  | 43.0  | 43.0  | 43.0  | 43.0  |
| 22.5° | 41.0  | 39.0  | 39.0  | 39.0  | 39.0  |
| 25°   | 37.1  | 35.1  | 35.1  | 35.1  | 35.1  |
| 27.5° | 33.8  | 31.9  | 31.9  | 31.9  | 31.9  |
| 30°   | 29.9  | 28.6  | 28.6  | 29.3  | 28.6  |
| 32.5° | 27.3  | 25.4  | 25.4  | 26.0  | 26.0  |
| 35°   | 24.1  | 22.8  | 22.8  | 22.8  | 22.8  |
| 37.5° | 20.8  | 19.5  | 19.5  | 19.5  | 19.5  |
| 40°   | 18.2  | 16.9  | 16.3  | 16.9  | 16.9  |
| 42.5° | 15.6  | 14.3  | 13.7  | 13.7  | 13.7  |
| 45°   | 13.7  | 11.7  | 11.1  | 11.7  | 11.7  |
| 47.5° | 11.1  | 9.8   | 9.8   | 10.4  | 10.4  |
| 50°   | 8.5   | 8.5   | 9.1   | 10.4  | 10.4  |
| 52.5° | 7.8   | 7.8   | 9.1   | 10.4  | 10.4  |
| 55°   | 7.2   | 7.8   | 9.1   | 9.8   | 10.4  |
| 57.5° | 6.5   | 7.8   | 9.1   | 9.8   | 9.8   |
| 60°   | 6.5   | 7.2   | 8.5   | 9.8   | 9.8   |
| 62.5° | 5.9   | 6.5   | 7.8   | 9.1   | 9.1   |
| 65°   | 5.9   | 6.5   | 7.8   | 9.1   | 9.1   |
| 66°   | 5.9   | 6.5   | 7.8   | 9.1   | 9.1   |
| 67.5° | 5.9   | 6.5   | 7.8   | 9.1   | 9.1   |
| 70°   | 5.9   | 6.5   | 7.8   | 8.5   | 8.5   |
| 72.5° | 5.2   | 5.9   | 7.2   | 8.5   | 8.5   |
| 75°   | 5.2   | 5.9   | 7.2   | 8.5   | 8.5   |
| 77.5° | 5.2   | 5.9   | 7.2   | 8.5   | 8.5   |
| 80°   | 5.2   | 5.9   | 7.2   | 7.8   | 8.5   |
| 82.5° | 4.6   | 5.9   | 6.5   | 7.8   | 7.8   |
| 85°   | 4.6   | 5.2   | 6.5   | 7.2   | 7.8   |
| 87.5° | 3.9   | 4.6   | 5.2   | 6.5   | 6.5   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)