

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: P162709

Luminaire Tested: **MEM-E01-LED-E-U-SL4-HSS-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P162709
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-E01-LED-E-U-SL4-HSS-7060
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (21) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1985.1 lumens
Efficiency: N/A
Efficacy: 80.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B0 - U0 - G1

Input Watts (W): 24.7
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

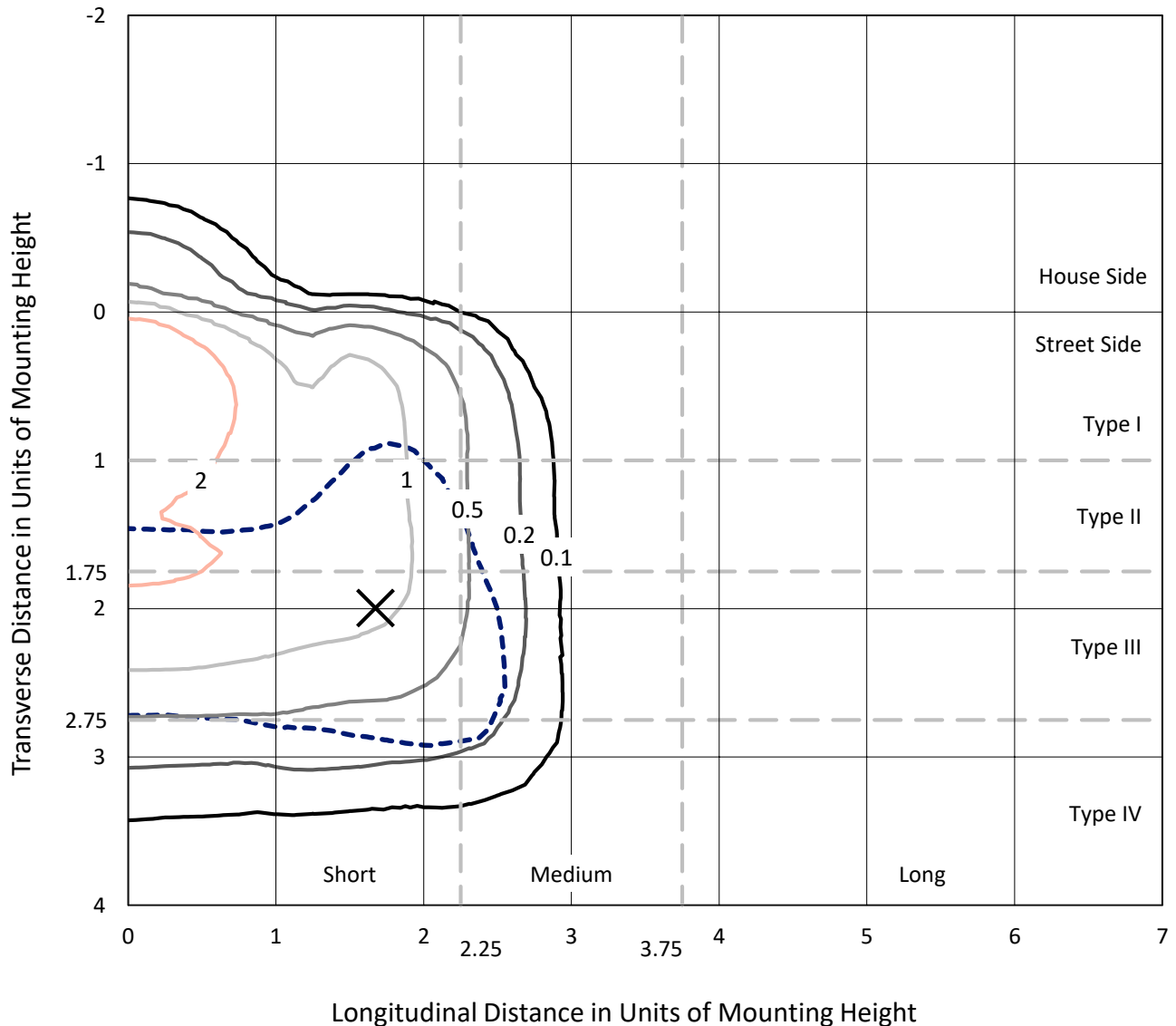


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

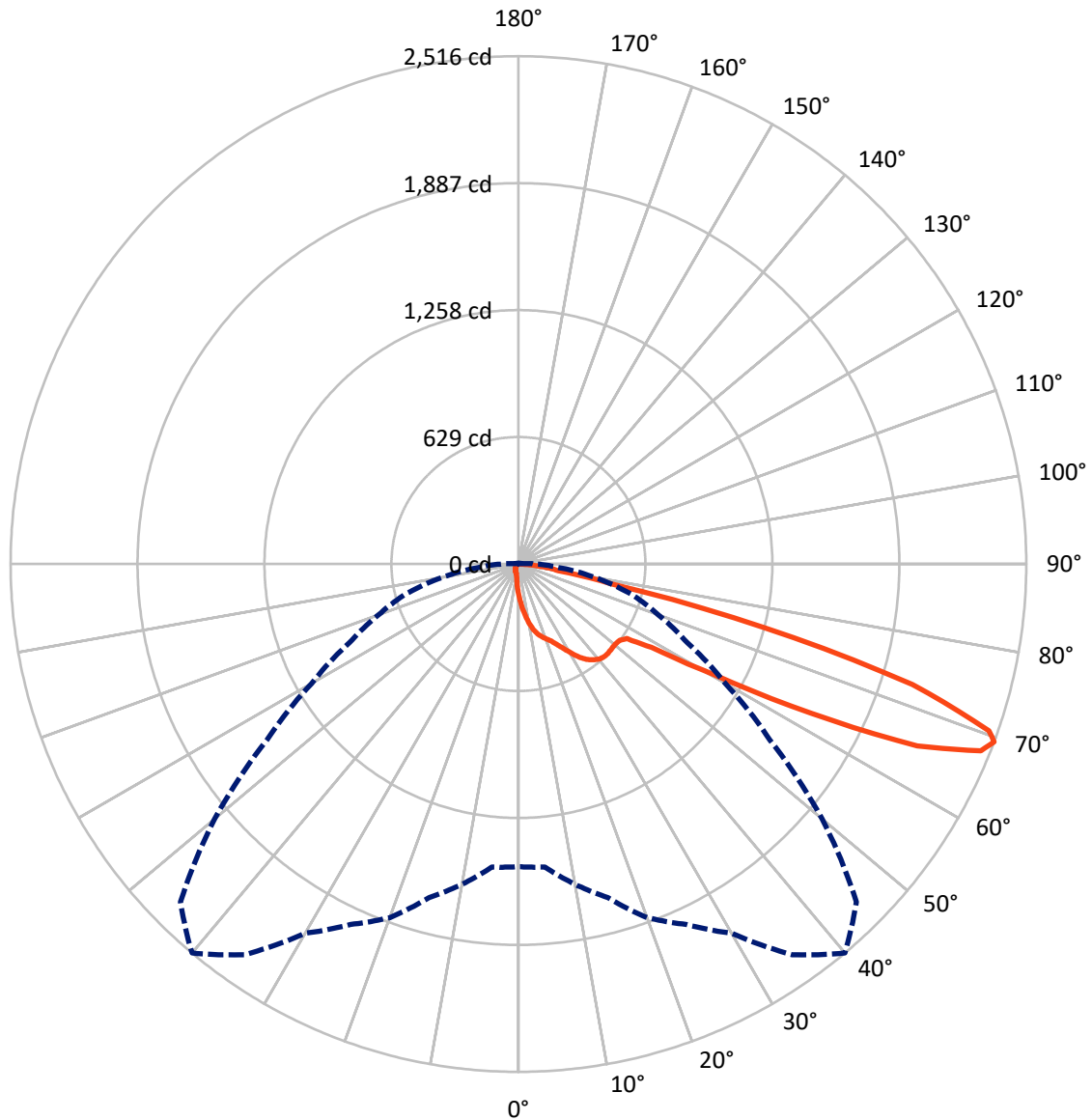


Based on 10 foot mounting height. Maximum calculated value = 4.4 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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



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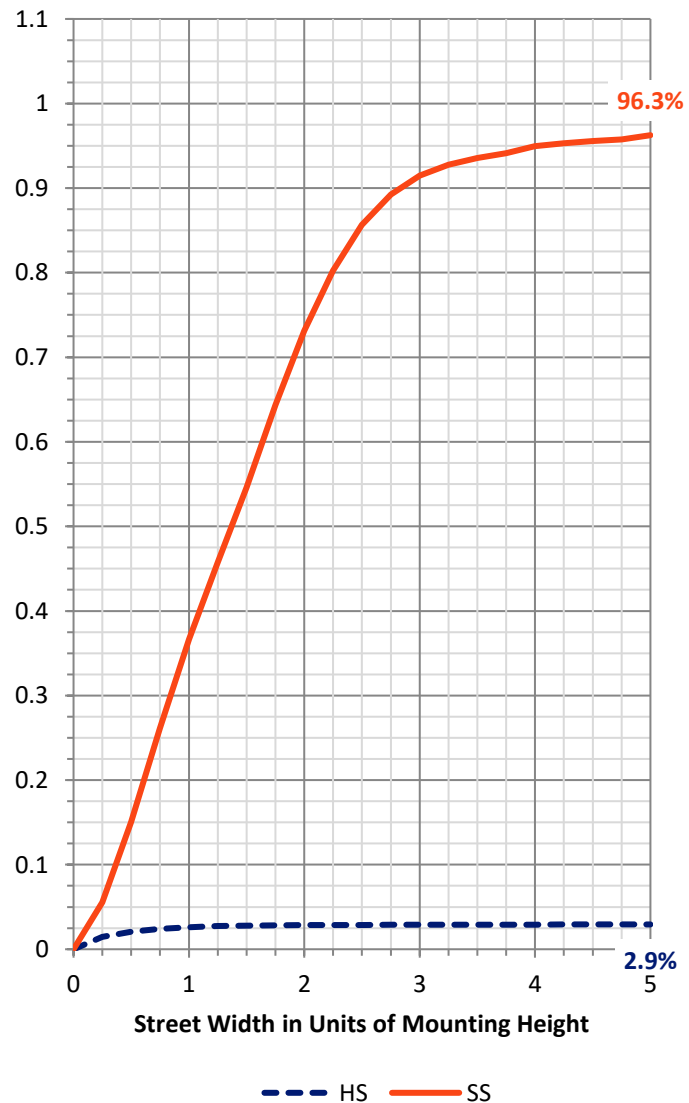
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 59.1 | 0.0 | 59.1 |
| | % Fixture | 3.0 | 0.0 | 3.0 |
| Street Side | Lumens | 1926.0 | 0.0 | 1926.0 |
| | % Fixture | 97.0 | 0.0 | 97.0 |
| Total | Lumens | 1985.1 | 0.0 | 1985.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 15.4 | 0.8 |
| 10°-20° | 53.1 | 2.7 |
| 20°-30° | 101.7 | 5.1 |
| 30°-40° | 169.1 | 8.5 |
| 40°-50° | 228.8 | 11.5 |
| 50°-60° | 357.8 | 18.0 |
| 60°-70° | 735.7 | 37.1 |
| 70°-80° | 296.0 | 14.9 |
| 80°-90° | 27.4 | 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° | 1985.1 | 100.0 |
| 0°-180° | 1985.1 | 100.0 |



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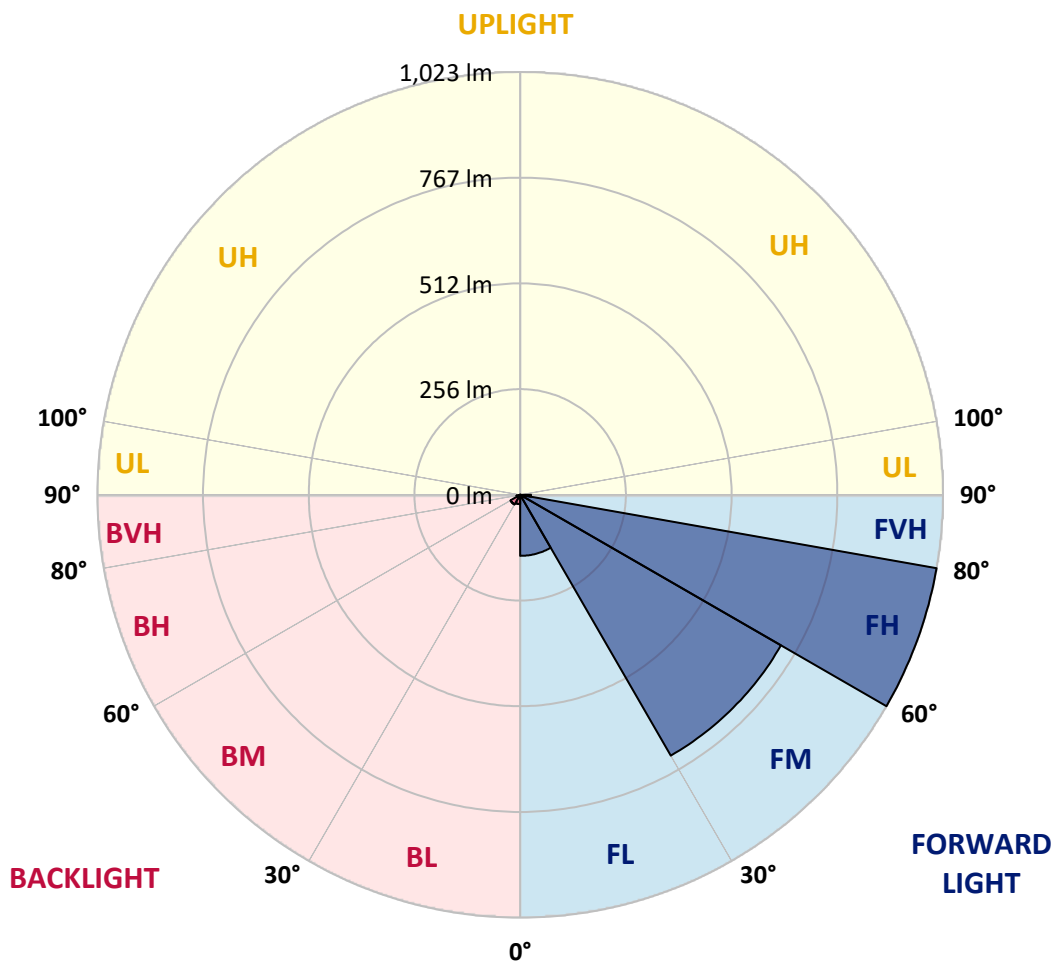
CATALOG NUMBER: MEM-E01-LED-E-U-SL4-HSS-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 147.7 | 7.4 | | | |
| FM (30°-60°) | 728.8 | 36.7 | | | |
| FH (60°-80°) | 1023.1 | 51.5 | | | G1/1800 |
| FVH (80°-90°) | 26.4 | 1.3 | | | G1/100 |
| BL (0°-30°) | 22.5 | 1.1 | B0/110 | | |
| BM (30°-60°) | 27.0 | 1.4 | B0/220 | | |
| BH (60°-80°) | 8.6 | 0.4 | 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 IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 |
| 2.5° | 200.0 | 197.7 | 195.1 | 195.1 | 191.8 | 191.8 | 189.9 | 184.7 | 184.0 | 181.1 | 178.2 |
| 5° | 255.3 | 253.3 | 250.1 | 247.2 | 244.6 | 240.0 | 236.8 | 230.6 | 223.7 | 217.2 | 211.4 |
| 7.5° | 309.3 | 308.3 | 302.4 | 301.5 | 297.2 | 289.7 | 283.2 | 274.1 | 262.4 | 253.3 | 242.6 |
| 10° | 359.3 | 357.1 | 355.8 | 350.2 | 344.1 | 335.9 | 325.9 | 314.8 | 301.1 | 286.8 | 271.5 |
| 12.5° | 399.0 | 397.7 | 391.9 | 389.6 | 383.1 | 374.9 | 362.2 | 348.0 | 334.3 | 315.8 | 297.9 |
| 15° | 428.6 | 426.3 | 422.4 | 418.9 | 411.1 | 403.9 | 392.2 | 376.6 | 360.0 | 339.8 | 318.4 |
| 17.5° | 453.3 | 449.1 | 448.1 | 442.6 | 434.5 | 426.0 | 413.0 | 398.7 | 379.2 | 359.0 | 335.6 |
| 20° | 486.5 | 480.6 | 478.7 | 470.5 | 461.1 | 449.4 | 434.5 | 416.6 | 396.1 | 374.0 | 349.9 |
| 22.5° | 525.5 | 521.3 | 517.1 | 509.9 | 497.9 | 481.3 | 459.5 | 440.0 | 414.0 | 389.6 | 363.5 |
| 25° | 580.8 | 577.2 | 570.4 | 560.6 | 545.7 | 525.8 | 499.5 | 470.9 | 440.3 | 409.1 | 378.5 |
| 27.5° | 634.4 | 631.2 | 626.3 | 618.8 | 601.9 | 580.2 | 547.6 | 511.2 | 472.5 | 434.8 | 401.0 |
| 30° | 684.9 | 681.9 | 677.1 | 669.6 | 654.6 | 633.1 | 596.4 | 557.4 | 509.3 | 465.3 | 424.7 |
| 32.5° | 739.2 | 738.2 | 732.7 | 721.9 | 708.9 | 680.0 | 640.0 | 598.0 | 549.2 | 498.5 | 451.0 |
| 35° | 800.6 | 793.1 | 787.9 | 777.2 | 755.1 | 724.2 | 677.4 | 631.5 | 580.2 | 528.1 | 475.1 |
| 37.5° | 852.7 | 845.5 | 839.0 | 825.3 | 798.3 | 759.0 | 706.0 | 655.6 | 602.6 | 549.6 | 495.6 |
| 40° | 890.7 | 887.1 | 879.3 | 861.4 | 831.2 | 784.4 | 727.1 | 672.2 | 618.8 | 565.5 | 512.2 |
| 42.5° | 919.0 | 913.5 | 904.7 | 886.1 | 850.4 | 797.0 | 735.6 | 679.0 | 626.3 | 575.3 | 522.9 |
| 45° | 929.4 | 924.9 | 916.7 | 896.5 | 857.9 | 800.6 | 735.3 | 677.1 | 626.6 | 578.2 | 530.1 |
| 47.5° | 923.2 | 918.7 | 911.5 | 892.6 | 854.6 | 796.4 | 729.4 | 671.5 | 623.4 | 579.2 | 536.6 |
| 50° | 902.7 | 900.1 | 894.6 | 878.7 | 844.5 | 788.3 | 724.2 | 668.6 | 622.7 | 584.1 | 545.7 |
| 52.5° | 900.8 | 899.2 | 892.3 | 876.4 | 841.6 | 785.7 | 723.5 | 670.2 | 628.3 | 590.2 | 552.2 |
| 55° | 1100.8 | 1077.7 | 1026.0 | 982.1 | 909.9 | 824.0 | 756.4 | 696.6 | 651.7 | 614.6 | 588.0 |
| 57.5° | 1564.5 | 1530.0 | 1462.1 | 1378.5 | 1212.7 | 1049.7 | 919.3 | 825.0 | 778.5 | 761.6 | 771.7 |
| 60° | 1781.7 | 1775.5 | 1764.8 | 1725.2 | 1640.3 | 1500.1 | 1344.0 | 1175.2 | 1107.6 | 1101.8 | 1122.3 |
| 62.5° | 1884.8 | 1880.9 | 1884.2 | 1879.3 | 1852.9 | 1812.0 | 1767.1 | 1694.3 | 1627.3 | 1584.0 | 1492.3 |
| 65° | 1932.3 | 1934.9 | 1953.4 | 1968.1 | 1971.3 | 1982.1 | 2014.9 | 2105.6 | 2172.0 | 2060.4 | 1805.8 |
| 67.5° | 1811.7 | 1826.9 | 1869.5 | 1922.9 | 1985.3 | 2045.8 | 2143.4 | 2334.6 | 2470.8 | 2339.8 | 1978.2 |
| 69° | 1499.8 | 1507.3 | 1611.3 | 1711.8 | 1864.3 | 1971.0 | 2112.4 | 2363.2 | 2516.4 | 2368.4 | 1964.5 |
| 70° | 1180.8 | 1187.6 | 1299.2 | 1435.7 | 1693.6 | 1830.8 | 2015.9 | 2314.7 | 2473.7 | 2330.3 | 1894.3 |
| 72.5° | 532.7 | 522.9 | 562.3 | 635.4 | 915.7 | 1133.6 | 1457.2 | 1875.4 | 2040.9 | 1866.9 | 1417.2 |
| 75° | 372.0 | 367.8 | 372.0 | 372.3 | 415.9 | 536.6 | 677.1 | 1016.6 | 1257.2 | 1084.8 | 677.1 |
| 77.5° | 288.1 | 285.2 | 282.3 | 279.0 | 284.2 | 318.4 | 332.0 | 360.6 | 468.3 | 442.9 | 258.2 |
| 80° | 228.0 | 225.4 | 232.5 | 230.2 | 230.2 | 234.1 | 231.5 | 220.8 | 200.6 | 186.0 | 166.5 |
| 82.5° | 106.0 | 106.6 | 106.6 | 115.8 | 139.5 | 162.9 | 170.4 | 159.7 | 141.8 | 120.6 | 97.2 |
| 85° | 10.1 | 11.4 | 19.2 | 29.6 | 58.9 | 66.4 | 66.7 | 55.3 | 55.3 | 43.6 | 35.1 |
| 87.5° | 0.0 | 0.3 | 0.3 | 0.3 | 2.9 | 8.1 | 6.8 | 1.9 | 1.0 | 1.0 | 1.6 |
| 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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CATALOG NUMBER: MEM-E01-LED-E-U-SL4-HSS-7060

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 |
| 2.5° | 173.0 | 172.0 | 168.1 | 164.2 | 160.7 | 156.8 | 153.2 | 149.6 | 145.7 | 142.8 | 139.2 |
| 5° | 202.3 | 195.1 | 187.0 | 179.2 | 171.4 | 163.3 | 154.8 | 147.3 | 139.5 | 132.4 | 125.5 |
| 7.5° | 231.9 | 217.9 | 206.8 | 192.8 | 180.1 | 167.5 | 155.8 | 143.7 | 132.7 | 122.3 | 112.5 |
| 10° | 256.9 | 240.0 | 222.8 | 204.9 | 186.6 | 169.8 | 153.5 | 139.2 | 124.5 | 111.9 | 99.8 |
| 12.5° | 277.4 | 255.9 | 234.8 | 212.3 | 191.8 | 170.4 | 150.3 | 133.0 | 115.8 | 101.4 | 89.1 |
| 15° | 295.9 | 271.2 | 245.9 | 219.8 | 193.8 | 169.4 | 147.0 | 125.5 | 108.0 | 91.7 | 77.7 |
| 17.5° | 310.9 | 282.6 | 254.0 | 224.7 | 196.7 | 168.1 | 142.8 | 120.3 | 99.8 | 82.9 | 69.3 |
| 20° | 323.9 | 294.3 | 263.4 | 230.6 | 198.7 | 167.8 | 139.2 | 113.8 | 92.7 | 74.8 | 61.5 |
| 22.5° | 335.9 | 306.3 | 273.1 | 238.1 | 201.6 | 167.5 | 135.9 | 108.9 | 86.5 | 68.6 | 55.3 |
| 25° | 349.6 | 318.4 | 283.6 | 245.9 | 206.8 | 168.8 | 134.0 | 105.0 | 81.0 | 62.8 | 50.4 |
| 27.5° | 364.9 | 332.0 | 295.9 | 255.6 | 213.6 | 171.4 | 133.3 | 100.8 | 76.1 | 57.2 | 46.5 |
| 30° | 386.3 | 348.3 | 308.3 | 265.4 | 219.8 | 174.3 | 132.7 | 98.2 | 71.2 | 53.0 | 42.6 |
| 32.5° | 405.2 | 364.2 | 322.0 | 275.4 | 226.7 | 177.2 | 132.4 | 94.6 | 66.7 | 48.8 | 39.7 |
| 35° | 425.0 | 378.8 | 333.7 | 285.2 | 232.5 | 180.5 | 132.0 | 92.0 | 62.4 | 44.6 | 36.7 |
| 37.5° | 442.3 | 391.2 | 342.8 | 293.6 | 239.0 | 183.4 | 132.4 | 89.8 | 58.5 | 41.0 | 34.1 |
| 40° | 456.9 | 403.9 | 352.8 | 301.5 | 245.9 | 187.9 | 132.7 | 87.5 | 54.6 | 37.7 | 31.9 |
| 42.5° | 469.9 | 415.9 | 363.5 | 310.2 | 253.7 | 193.2 | 134.6 | 85.5 | 51.4 | 34.8 | 29.6 |
| 45° | 480.0 | 427.0 | 375.3 | 322.6 | 266.3 | 201.6 | 138.2 | 84.2 | 48.1 | 32.2 | 27.6 |
| 47.5° | 490.4 | 443.2 | 395.1 | 342.1 | 284.9 | 215.0 | 144.4 | 83.9 | 45.5 | 30.2 | 26.0 |
| 50° | 504.7 | 459.5 | 412.7 | 361.9 | 301.8 | 228.6 | 151.9 | 84.2 | 42.3 | 28.3 | 24.4 |
| 52.5° | 515.1 | 476.1 | 435.4 | 396.4 | 342.1 | 270.2 | 180.8 | 90.1 | 40.6 | 26.7 | 22.4 |
| 55° | 576.6 | 569.7 | 570.7 | 577.2 | 535.3 | 459.8 | 302.4 | 130.1 | 47.8 | 30.2 | 22.1 |
| 57.5° | 813.0 | 837.1 | 851.0 | 850.7 | 781.4 | 648.1 | 406.2 | 167.2 | 53.3 | 35.1 | 26.3 |
| 60° | 1123.9 | 1105.7 | 1080.0 | 1016.6 | 924.5 | 739.8 | 454.3 | 179.8 | 46.2 | 28.0 | 24.1 |
| 62.5° | 1398.7 | 1292.0 | 1197.4 | 1094.6 | 973.9 | 771.7 | 464.0 | 178.9 | 40.3 | 21.1 | 16.9 |
| 65° | 1570.0 | 1378.2 | 1225.3 | 1096.6 | 954.4 | 745.0 | 439.0 | 164.2 | 34.1 | 17.2 | 14.0 |
| 67.5° | 1611.0 | 1331.7 | 1115.4 | 951.2 | 797.4 | 579.8 | 322.3 | 123.6 | 26.7 | 14.3 | 12.3 |
| 69° | 1521.6 | 1183.7 | 924.2 | 737.9 | 580.2 | 384.7 | 199.3 | 78.1 | 20.5 | 13.0 | 11.4 |
| 70° | 1399.6 | 1029.6 | 752.8 | 592.2 | 429.6 | 270.2 | 139.5 | 55.0 | 16.6 | 12.0 | 10.4 |
| 72.5° | 900.5 | 540.8 | 370.1 | 257.6 | 177.2 | 107.6 | 54.6 | 24.7 | 12.7 | 10.1 | 8.4 |
| 75° | 349.3 | 200.0 | 145.0 | 110.2 | 86.2 | 59.8 | 33.2 | 15.9 | 10.7 | 8.4 | 6.5 |
| 77.5° | 172.0 | 131.7 | 107.6 | 73.8 | 42.9 | 26.7 | 17.9 | 12.3 | 8.8 | 6.2 | 4.2 |
| 80° | 135.9 | 90.4 | 54.0 | 33.5 | 25.4 | 19.2 | 13.6 | 10.1 | 6.5 | 3.9 | 2.9 |
| 82.5° | 69.6 | 38.0 | 28.0 | 22.8 | 18.8 | 14.9 | 11.0 | 7.1 | 4.2 | 2.6 | 2.3 |
| 85° | 21.8 | 15.9 | 14.3 | 14.0 | 13.0 | 10.7 | 7.8 | 4.5 | 2.6 | 1.6 | 1.6 |
| 87.5° | 1.6 | 2.3 | 2.9 | 2.3 | 2.6 | 2.3 | 2.9 | 1.9 | 1.3 | 1.3 | 1.0 |
| 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):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 | 149.9 |
| 2.5° | 136.6 | 132.7 | 129.1 | 126.8 | 122.6 | 121.0 | 119.3 | 118.7 | 115.8 | 116.4 | 113.8 |
| 5° | 119.3 | 112.5 | 107.3 | 102.1 | 97.2 | 93.6 | 90.7 | 87.2 | 84.2 | 82.9 | 80.3 |
| 7.5° | 103.7 | 94.9 | 88.1 | 82.6 | 76.8 | 72.2 | 68.3 | 65.7 | 63.1 | 60.5 | 59.2 |
| 10° | 90.1 | 80.7 | 72.9 | 67.3 | 61.8 | 57.9 | 55.0 | 53.0 | 51.4 | 50.4 | 50.1 |
| 12.5° | 77.4 | 68.3 | 61.1 | 56.3 | 52.0 | 50.1 | 48.8 | 47.8 | 47.5 | 47.2 | 47.2 |
| 15° | 67.7 | 58.5 | 53.0 | 49.4 | 47.5 | 46.5 | 46.2 | 45.5 | 44.9 | 44.6 | 44.6 |
| 17.5° | 58.5 | 51.7 | 47.8 | 45.9 | 44.9 | 44.2 | 43.6 | 42.9 | 42.3 | 41.9 | 41.9 |
| 20° | 52.4 | 46.8 | 44.9 | 43.6 | 42.6 | 41.9 | 41.0 | 40.3 | 40.0 | 39.7 | 39.3 |
| 22.5° | 47.5 | 43.9 | 42.6 | 41.6 | 40.3 | 39.3 | 38.7 | 38.0 | 37.4 | 37.1 | 36.7 |
| 25° | 43.9 | 41.6 | 40.6 | 39.3 | 38.0 | 37.1 | 36.1 | 35.1 | 34.5 | 34.1 | 33.5 |
| 27.5° | 41.3 | 39.7 | 38.4 | 36.7 | 35.4 | 34.5 | 33.5 | 32.5 | 31.9 | 31.2 | 30.9 |
| 30° | 39.0 | 37.4 | 35.8 | 34.5 | 32.8 | 31.9 | 30.6 | 29.6 | 29.3 | 28.6 | 28.0 |
| 32.5° | 36.7 | 35.1 | 33.5 | 31.9 | 30.2 | 28.9 | 28.3 | 27.0 | 26.3 | 26.0 | 25.4 |
| 35° | 34.1 | 32.5 | 30.6 | 29.3 | 27.6 | 26.3 | 25.4 | 24.4 | 23.7 | 23.1 | 22.8 |
| 37.5° | 31.9 | 29.9 | 28.0 | 26.3 | 25.0 | 23.7 | 22.8 | 21.8 | 21.1 | 20.5 | 20.1 |
| 40° | 29.3 | 27.3 | 25.4 | 23.7 | 22.4 | 21.5 | 20.5 | 19.5 | 18.8 | 18.5 | 18.5 |
| 42.5° | 27.0 | 24.7 | 22.8 | 21.5 | 20.5 | 19.2 | 18.2 | 17.2 | 16.9 | 16.6 | 16.9 |
| 45° | 24.7 | 22.4 | 20.8 | 19.5 | 18.5 | 17.2 | 16.2 | 15.6 | 15.3 | 15.6 | 15.9 |
| 47.5° | 22.8 | 20.5 | 18.8 | 17.9 | 16.9 | 15.9 | 14.9 | 14.3 | 14.3 | 14.9 | 15.6 |
| 50° | 20.8 | 18.5 | 17.2 | 16.6 | 15.6 | 14.6 | 13.3 | 13.0 | 13.3 | 14.0 | 14.6 |
| 52.5° | 18.8 | 16.2 | 15.3 | 14.9 | 14.0 | 13.0 | 12.0 | 11.7 | 12.0 | 12.7 | 12.3 |
| 55° | 16.9 | 14.3 | 14.0 | 13.6 | 12.7 | 11.4 | 10.4 | 10.4 | 10.4 | 10.1 | 9.4 |
| 57.5° | 16.2 | 12.7 | 12.3 | 12.0 | 11.0 | 9.7 | 9.1 | 8.4 | 8.1 | 7.1 | 6.8 |
| 60° | 16.9 | 11.4 | 11.4 | 10.7 | 9.7 | 8.4 | 7.5 | 6.5 | 5.8 | 5.2 | 5.2 |
| 62.5° | 13.6 | 10.4 | 10.1 | 9.4 | 8.1 | 6.8 | 5.8 | 4.9 | 4.5 | 4.2 | 4.2 |
| 65° | 11.0 | 9.4 | 8.8 | 7.8 | 6.8 | 5.5 | 4.5 | 3.9 | 3.6 | 3.6 | 3.9 |
| 67.5° | 10.1 | 8.4 | 7.5 | 6.5 | 5.5 | 4.2 | 3.6 | 3.2 | 3.2 | 3.6 | 3.6 |
| 69° | 9.4 | 7.8 | 6.8 | 5.8 | 4.9 | 3.9 | 3.2 | 3.2 | 3.2 | 3.2 | 3.6 |
| 70° | 8.8 | 7.5 | 6.5 | 5.5 | 4.2 | 3.2 | 2.9 | 2.9 | 3.2 | 3.2 | 3.6 |
| 72.5° | 6.8 | 5.8 | 5.5 | 4.5 | 3.2 | 2.9 | 2.6 | 2.9 | 2.9 | 3.2 | 3.2 |
| 75° | 5.2 | 4.2 | 4.2 | 3.6 | 2.6 | 2.3 | 2.3 | 2.6 | 2.6 | 2.9 | 2.9 |
| 77.5° | 3.6 | 2.9 | 2.9 | 2.6 | 2.3 | 1.9 | 1.9 | 2.3 | 2.6 | 2.6 | 2.9 |
| 80° | 2.6 | 2.3 | 1.9 | 2.3 | 1.9 | 1.6 | 1.9 | 2.3 | 2.3 | 2.6 | 2.6 |
| 82.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.6 | 1.6 | 1.9 | 1.9 | 2.3 | 2.6 | 2.6 |
| 85° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.9 | 1.9 | 2.3 | 2.3 |
| 87.5° | 1.0 | 1.0 | 1.0 | 1.3 | 1.3 | 1.6 | 1.6 | 1.6 | 1.6 | 1.9 | 1.9 |
| 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: P162709

CATALOG NUMBER: MEM-E01-LED-E-U-SL4-HSS-7060

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 149.9 | 149.9 | 149.9 | 149.9 |
| 2.5° | 113.2 | 112.8 | 111.5 | 111.9 |
| 5° | 79.4 | 77.4 | 78.7 | 78.4 |
| 7.5° | 58.2 | 57.9 | 57.6 | 58.2 |
| 10° | 49.8 | 49.8 | 49.4 | 49.8 |
| 12.5° | 46.8 | 46.8 | 46.8 | 46.8 |
| 15° | 44.6 | 44.6 | 44.2 | 44.2 |
| 17.5° | 41.9 | 41.9 | 41.9 | 41.6 |
| 20° | 39.3 | 39.0 | 39.0 | 39.0 |
| 22.5° | 36.4 | 36.1 | 36.1 | 36.1 |
| 25° | 33.5 | 33.2 | 33.2 | 33.2 |
| 27.5° | 30.6 | 30.2 | 29.9 | 29.9 |
| 30° | 27.6 | 27.3 | 27.0 | 27.0 |
| 32.5° | 24.7 | 24.4 | 24.1 | 24.1 |
| 35° | 22.1 | 22.1 | 21.8 | 21.5 |
| 37.5° | 19.8 | 19.8 | 19.8 | 19.8 |
| 40° | 18.2 | 18.5 | 18.5 | 18.5 |
| 42.5° | 17.2 | 17.5 | 17.9 | 18.2 |
| 45° | 16.6 | 17.2 | 17.5 | 17.5 |
| 47.5° | 16.2 | 16.6 | 16.9 | 16.9 |
| 50° | 14.9 | 14.6 | 14.6 | 14.6 |
| 52.5° | 12.0 | 11.4 | 11.0 | 10.7 |
| 55° | 8.8 | 8.4 | 7.8 | 7.8 |
| 57.5° | 6.2 | 6.2 | 5.8 | 5.8 |
| 60° | 4.9 | 4.9 | 4.5 | 4.9 |
| 62.5° | 4.2 | 4.2 | 4.2 | 4.2 |
| 65° | 3.9 | 3.9 | 3.9 | 3.9 |
| 67.5° | 3.9 | 3.9 | 3.9 | 3.9 |
| 69° | 3.6 | 3.6 | 3.6 | 3.6 |
| 70° | 3.6 | 3.6 | 3.6 | 3.6 |
| 72.5° | 3.2 | 3.2 | 3.2 | 3.2 |
| 75° | 2.9 | 3.2 | 3.2 | 3.2 |
| 77.5° | 2.9 | 2.9 | 2.9 | 2.9 |
| 80° | 2.6 | 2.6 | 2.9 | 2.9 |
| 82.5° | 2.6 | 2.6 | 2.6 | 2.6 |
| 85° | 2.3 | 2.3 | 2.6 | 2.6 |
| 87.5° | 1.9 | 1.9 | 2.3 | 2.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)