

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: P141506

Luminaire Tested: **MEM-F01-LED-E-U-SLL-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P141506
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33693)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: MEM-F01-LED-E-U-SLL-7050
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (7) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2215.5 lumens
Efficiency: N/A
Efficacy: 85.5 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

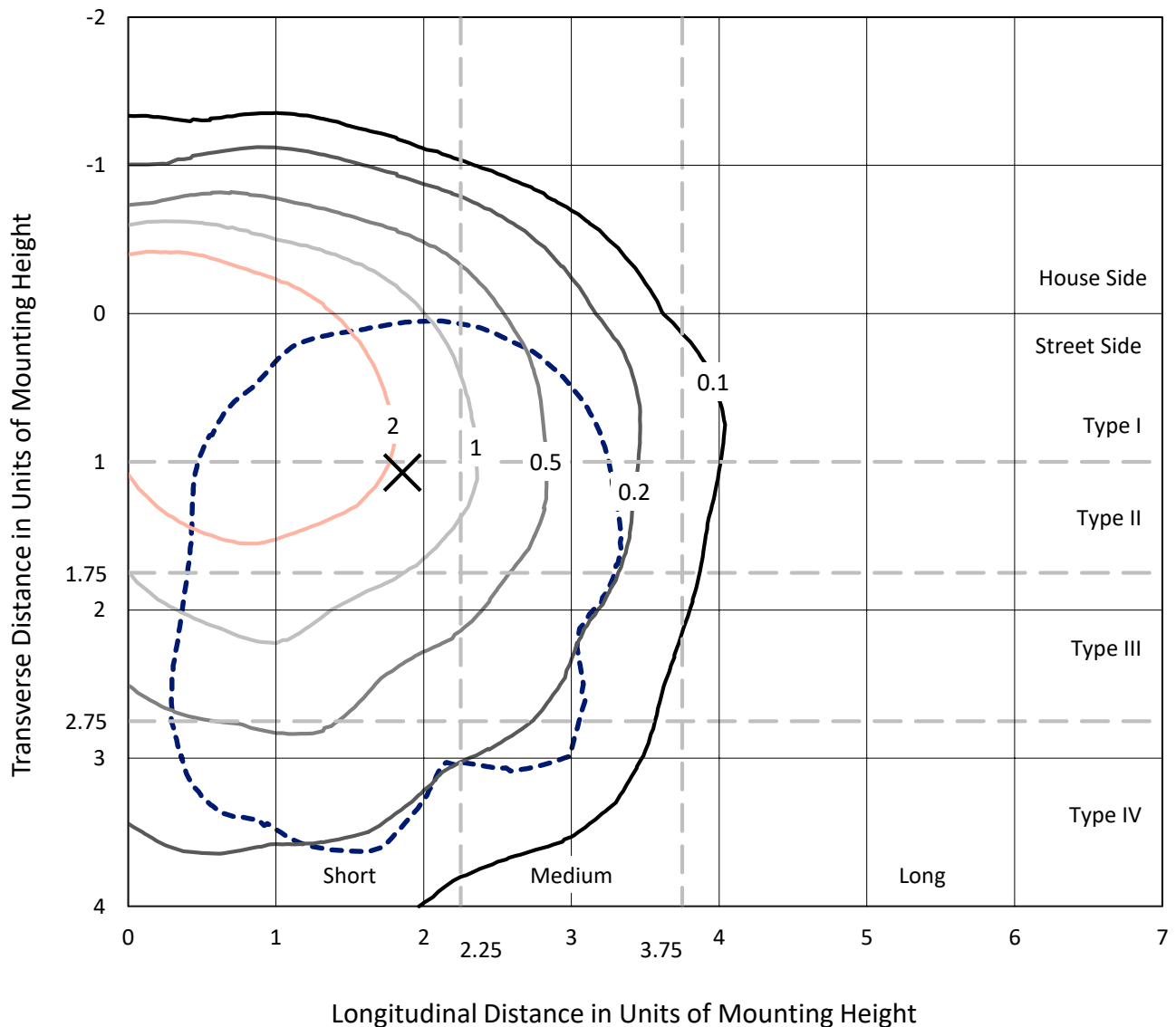
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P141506
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Iso-Footcandle Lines of Horizontal Illumination

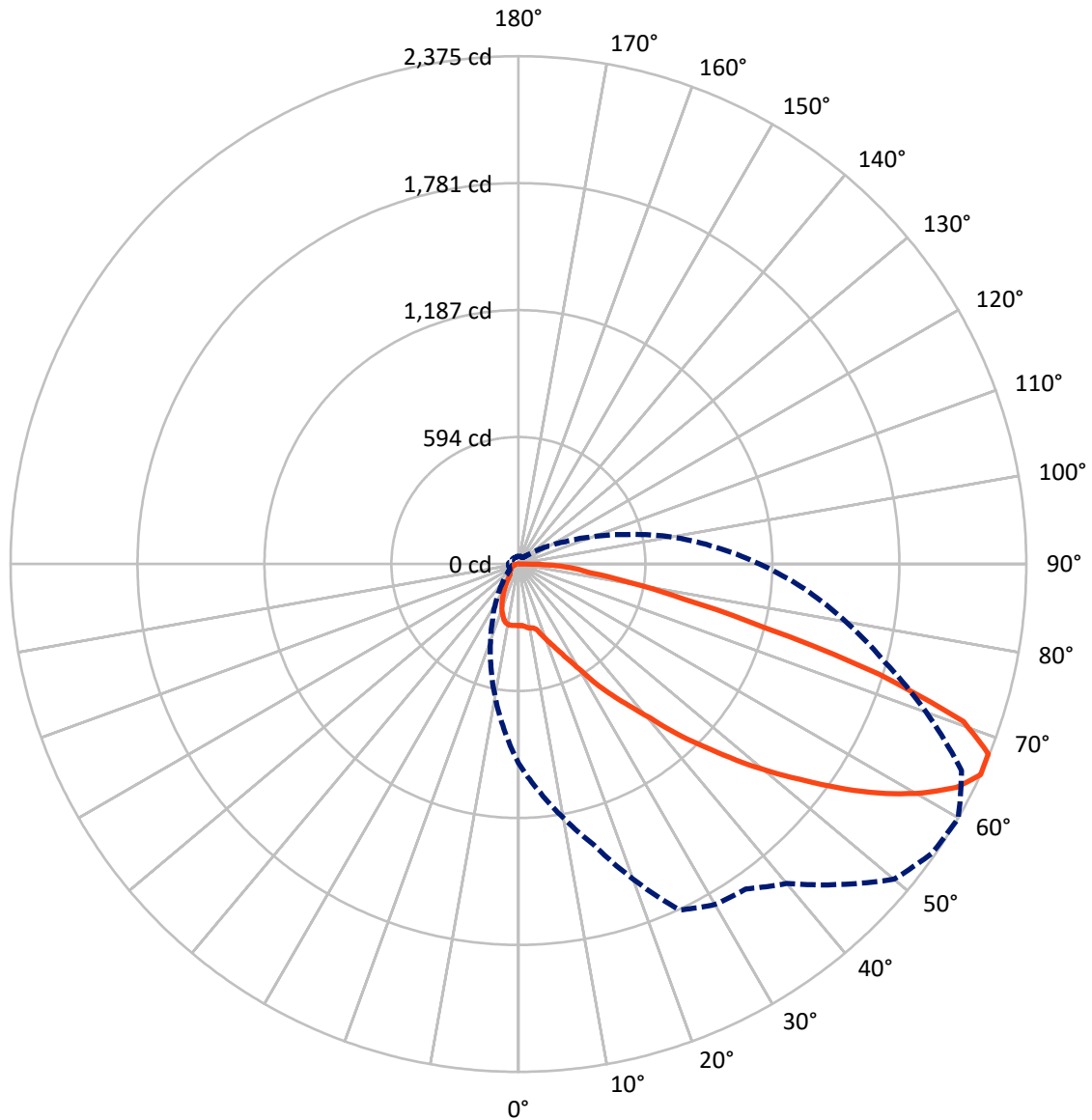
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.7 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 410.9 | 0.0 | 410.9 |
| | % Fixture | 18.5 | 0.0 | 18.5 |
| Street Side | Lumens | 1804.6 | 0.0 | 1804.6 |
| | % Fixture | 81.5 | 0.0 | 81.5 |
| Total | Lumens | 2215.5 | 0.0 | 2215.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 27.9 | 1.3 |
| 10°-20° | 83.7 | 3.8 |
| 20°-30° | 139.0 | 6.3 |
| 30°-40° | 203.3 | 9.2 |
| 40°-50° | 309.2 | 14.0 |
| 50°-60° | 444.4 | 20.1 |
| 60°-70° | 546.4 | 24.7 |
| 70°-80° | 365.5 | 16.5 |
| 80°-90° | 96.2 | 4.3 |
| 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° | 2215.5 | 100.0 |
| 0°-180° | 2215.5 | 100.0 |

Coefficient of Utilization



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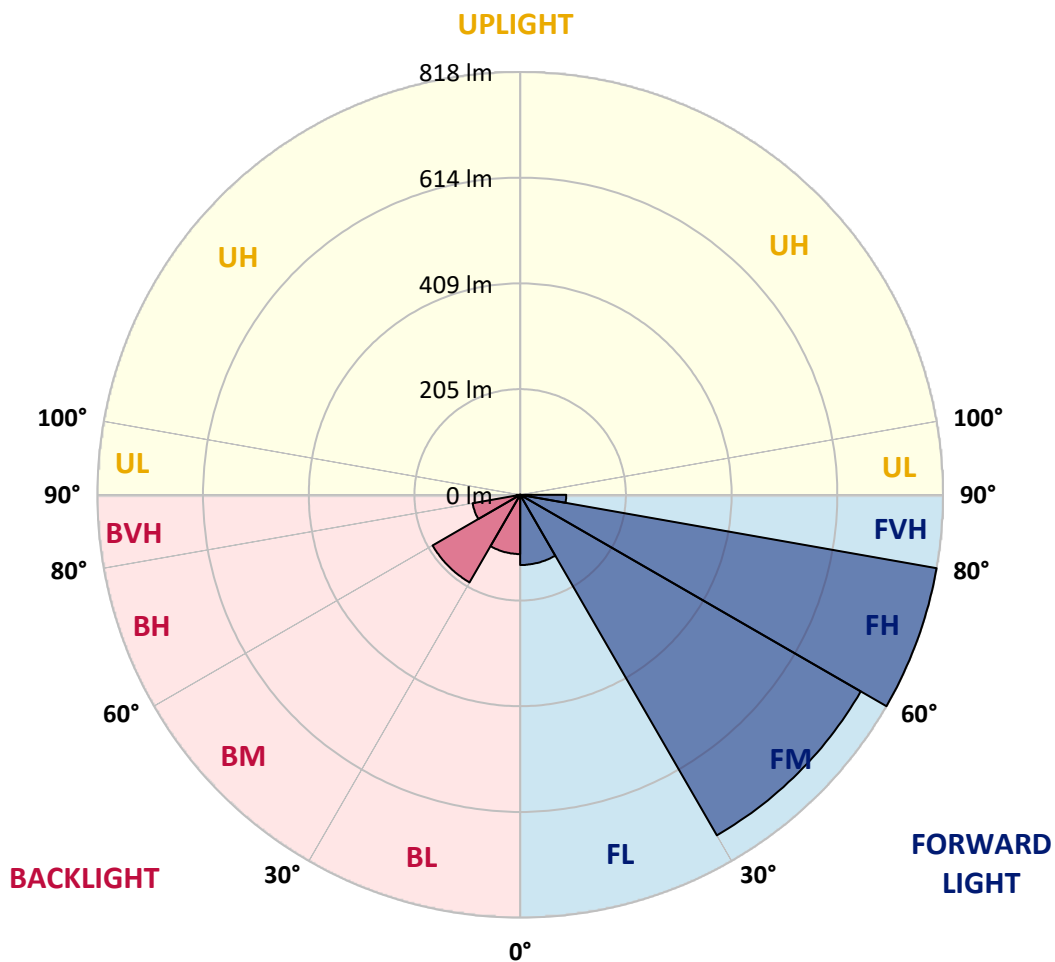
CATALOG NUMBER: MEM-F01-LED-E-U-SLL-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 135.9 | 6.1 | | | |
| FM (30°-60°) | 761.1 | 34.4 | | | |
| FH (60°-80°) | 818.4 | 36.9 | | | G1/1800 |
| FVH (80°-90°) | 89.2 | 4.0 | | | G1/100 |
| BL (0°-30°) | 114.7 | 5.2 | B1/500 | | |
| BM (30°-60°) | 195.7 | 8.8 | B0/220 | | |
| BH (60°-80°) | 93.5 | 4.2 | B0/110 | | G0/110 |
| BVH (80°-90°) | 7.0 | 0.3 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type IV Short





REPORT NUMBER: P141506
 CATALOG NUMBER: MEM-F01-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 |
| 2.5° | 288.3 | 288.6 | 288.6 | 288.3 | 288.0 | 288.3 | 287.7 | 288.3 | 288.0 | 287.7 | 288.0 |
| 5° | 284.6 | 284.9 | 285.5 | 285.5 | 286.0 | 287.2 | 287.4 | 288.9 | 289.7 | 290.0 | 291.1 |
| 7.5° | 275.9 | 277.3 | 278.1 | 279.3 | 280.9 | 283.8 | 285.7 | 289.1 | 291.7 | 293.9 | 297.0 |
| 10° | 270.5 | 272.2 | 273.9 | 276.4 | 279.0 | 282.6 | 286.0 | 290.3 | 293.7 | 297.0 | 300.7 |
| 12.5° | 271.9 | 273.9 | 276.1 | 278.1 | 282.1 | 285.5 | 289.7 | 294.8 | 296.5 | 299.9 | 303.0 |
| 15° | 283.5 | 285.2 | 286.9 | 289.1 | 292.8 | 296.8 | 302.4 | 308.1 | 309.2 | 312.9 | 316.2 |
| 17.5° | 299.0 | 299.3 | 302.1 | 306.1 | 309.5 | 316.0 | 322.7 | 330.4 | 335.2 | 337.4 | 339.4 |
| 20° | 315.1 | 316.0 | 320.5 | 324.1 | 331.8 | 340.2 | 350.1 | 361.4 | 365.4 | 375.3 | 378.9 |
| 22.5° | 339.1 | 338.8 | 344.2 | 349.3 | 357.7 | 366.8 | 381.2 | 396.7 | 405.7 | 413.4 | 416.2 |
| 25° | 375.5 | 376.4 | 375.5 | 382.9 | 391.6 | 406.3 | 420.7 | 436.2 | 441.6 | 454.9 | 461.1 |
| 27.5° | 411.7 | 418.2 | 426.9 | 429.2 | 439.9 | 456.9 | 468.2 | 484.8 | 497.8 | 501.5 | 511.6 |
| 30° | 445.3 | 458.8 | 473.2 | 485.4 | 504.6 | 525.2 | 542.1 | 561.0 | 561.9 | 568.7 | 571.5 |
| 32.5° | 479.4 | 500.6 | 521.8 | 537.3 | 556.0 | 583.4 | 614.7 | 645.5 | 665.5 | 686.1 | 675.7 |
| 35° | 522.4 | 555.4 | 585.0 | 609.0 | 624.9 | 650.3 | 686.4 | 736.4 | 768.6 | 793.1 | 807.3 |
| 37.5° | 561.6 | 611.6 | 657.0 | 691.2 | 729.9 | 748.0 | 771.7 | 807.8 | 844.8 | 867.7 | 879.5 |
| 40° | 590.4 | 658.7 | 723.1 | 772.5 | 821.7 | 864.9 | 894.8 | 924.2 | 974.1 | 1002.7 | 1004.9 |
| 42.5° | 613.0 | 700.0 | 777.6 | 848.5 | 920.8 | 981.2 | 1017.3 | 1054.6 | 1118.1 | 1151.2 | 1148.6 |
| 45° | 628.5 | 730.7 | 827.0 | 914.3 | 1001.8 | 1080.6 | 1150.3 | 1205.7 | 1270.6 | 1333.6 | 1320.9 |
| 47.5° | 642.1 | 756.2 | 866.3 | 964.8 | 1069.9 | 1168.1 | 1255.1 | 1333.0 | 1418.9 | 1503.8 | 1508.9 |
| 50° | 655.6 | 776.8 | 901.9 | 1015.4 | 1133.7 | 1257.1 | 1362.1 | 1462.3 | 1569.6 | 1677.8 | 1702.6 |
| 52.5° | 674.3 | 799.9 | 934.9 | 1061.4 | 1198.9 | 1329.1 | 1446.2 | 1571.0 | 1703.8 | 1808.2 | 1878.8 |
| 55° | 702.2 | 832.1 | 975.8 | 1107.4 | 1257.3 | 1400.8 | 1530.4 | 1674.4 | 1796.4 | 1925.4 | 2025.9 |
| 57.5° | 748.0 | 875.0 | 1023.3 | 1157.7 | 1313.8 | 1465.7 | 1600.4 | 1751.5 | 1867.8 | 2011.0 | 2137.2 |
| 60° | 805.9 | 933.5 | 1076.9 | 1217.2 | 1380.2 | 1556.9 | 1692.7 | 1804.6 | 1921.2 | 2066.0 | 2217.9 |
| 62.5° | 871.6 | 999.5 | 1142.4 | 1287.3 | 1472.5 | 1663.9 | 1780.6 | 1844.4 | 1946.0 | 2103.9 | 2270.2 |
| 65° | 929.5 | 1061.4 | 1204.0 | 1357.6 | 1567.1 | 1784.8 | 1838.4 | 1854.5 | 1949.7 | 2119.1 | 2292.8 |
| 67.5° | 977.0 | 1128.6 | 1261.6 | 1414.6 | 1666.8 | 1861.6 | 1839.6 | 1807.4 | 1899.7 | 2082.1 | 2249.6 |
| 70° | 1001.8 | 1158.5 | 1289.0 | 1419.7 | 1687.9 | 1872.3 | 1795.2 | 1707.7 | 1749.8 | 1928.2 | 2068.3 |
| 72.5° | 974.4 | 1135.1 | 1238.1 | 1319.5 | 1561.2 | 1740.2 | 1641.9 | 1476.7 | 1515.1 | 1687.9 | 1724.1 |
| 75° | 867.1 | 1061.1 | 1121.2 | 1118.4 | 1248.6 | 1341.2 | 1270.0 | 1164.7 | 1262.7 | 1334.7 | 1297.7 |
| 77.5° | 647.4 | 869.1 | 902.7 | 840.9 | 868.5 | 946.5 | 879.3 | 961.1 | 1080.0 | 1112.5 | 1042.5 |
| 80° | 407.2 | 637.0 | 640.7 | 563.6 | 548.9 | 579.4 | 666.1 | 840.3 | 953.8 | 947.0 | 854.4 |
| 82.5° | 226.7 | 413.1 | 452.3 | 381.7 | 363.7 | 438.5 | 593.2 | 685.8 | 670.9 | 665.2 | 544.7 |
| 85° | 155.0 | 282.1 | 344.8 | 330.6 | 365.7 | 437.4 | 486.5 | 434.8 | 418.7 | 356.6 | 289.4 |
| 87.5° | 63.0 | 127.1 | 213.7 | 245.7 | 260.6 | 319.9 | 280.1 | 228.1 | 175.6 | 166.6 | 143.2 |
| 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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CATALOG NUMBER: MEM-F01-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0° | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 |
| 2.5° | 287.2 | 287.7 | 287.7 | 288.0 | 288.3 | 288.6 | 288.6 | 288.6 | 288.9 | 289.1 | 288.9 |
| 5° | 291.4 | 292.2 | 292.8 | 292.8 | 293.4 | 293.9 | 294.5 | 294.2 | 295.1 | 295.6 | 295.9 |
| 7.5° | 298.2 | 299.9 | 301.3 | 302.4 | 303.0 | 303.0 | 303.0 | 302.1 | 303.0 | 303.3 | 303.5 |
| 10° | 303.0 | 304.9 | 305.2 | 306.4 | 306.1 | 305.8 | 305.2 | 304.7 | 304.9 | 305.5 | 306.4 |
| 12.5° | 304.4 | 306.4 | 306.9 | 307.8 | 307.5 | 307.2 | 306.1 | 306.1 | 305.8 | 306.6 | 307.5 |
| 15° | 316.0 | 317.7 | 320.5 | 317.9 | 318.2 | 316.0 | 314.0 | 312.9 | 312.3 | 312.9 | 313.4 |
| 17.5° | 342.5 | 345.3 | 344.2 | 340.2 | 340.0 | 335.2 | 334.3 | 328.7 | 328.7 | 328.7 | 327.0 |
| 20° | 378.9 | 378.6 | 376.7 | 372.7 | 364.2 | 362.5 | 356.3 | 351.8 | 347.6 | 346.7 | 344.8 |
| 22.5° | 418.7 | 414.5 | 413.4 | 405.2 | 399.8 | 389.7 | 380.3 | 376.9 | 373.0 | 372.1 | 371.9 |
| 25° | 457.4 | 459.1 | 450.9 | 447.0 | 433.4 | 424.4 | 419.0 | 410.5 | 410.5 | 409.4 | 408.0 |
| 27.5° | 506.0 | 511.6 | 502.6 | 497.0 | 484.2 | 471.5 | 462.2 | 457.1 | 451.8 | 448.1 | 437.9 |
| 30° | 574.6 | 578.3 | 572.1 | 560.5 | 544.7 | 522.1 | 509.4 | 503.7 | 493.8 | 481.4 | 464.8 |
| 32.5° | 671.2 | 666.1 | 644.9 | 624.6 | 604.0 | 582.5 | 567.3 | 557.1 | 541.8 | 517.0 | 485.4 |
| 35° | 796.3 | 752.5 | 725.9 | 698.0 | 674.3 | 650.3 | 638.7 | 620.3 | 585.6 | 545.2 | 502.9 |
| 37.5° | 857.8 | 838.3 | 807.8 | 786.9 | 758.7 | 734.7 | 708.4 | 677.1 | 632.2 | 574.3 | 515.6 |
| 40° | 981.2 | 944.5 | 920.8 | 897.1 | 862.3 | 829.6 | 794.0 | 743.5 | 671.2 | 599.2 | 525.5 |
| 42.5° | 1110.8 | 1083.7 | 1040.8 | 1009.1 | 983.2 | 929.0 | 872.5 | 801.9 | 711.0 | 621.8 | 534.5 |
| 45° | 1279.6 | 1217.5 | 1164.4 | 1137.6 | 1086.5 | 1020.4 | 954.7 | 853.9 | 747.7 | 645.5 | 544.7 |
| 47.5° | 1449.3 | 1369.4 | 1314.7 | 1264.7 | 1210.2 | 1121.5 | 1019.0 | 899.0 | 775.9 | 665.2 | 553.1 |
| 50° | 1631.5 | 1526.1 | 1462.9 | 1403.0 | 1313.2 | 1206.0 | 1075.5 | 936.3 | 805.3 | 683.9 | 560.8 |
| 52.5° | 1816.7 | 1683.7 | 1593.3 | 1523.6 | 1412.4 | 1279.6 | 1126.6 | 975.0 | 836.6 | 701.9 | 567.0 |
| 55° | 1983.3 | 1858.5 | 1741.9 | 1634.3 | 1500.5 | 1346.3 | 1173.5 | 1009.7 | 864.9 | 720.9 | 570.9 |
| 57.5° | 2134.3 | 2025.6 | 1886.4 | 1742.2 | 1581.5 | 1408.1 | 1216.7 | 1047.3 | 891.4 | 734.7 | 570.6 |
| 60° | 2238.0 | 2174.4 | 2029.9 | 1854.0 | 1666.2 | 1464.9 | 1268.6 | 1089.1 | 914.8 | 744.6 | 568.4 |
| 62.5° | 2312.5 | 2299.8 | 2173.6 | 1961.5 | 1735.4 | 1516.0 | 1318.9 | 1123.8 | 931.8 | 745.7 | 558.8 |
| 65° | 2359.1 | 2374.6 | 2286.0 | 2029.9 | 1774.1 | 1554.9 | 1343.7 | 1126.9 | 919.6 | 727.1 | 533.4 |
| 67.5° | 2329.7 | 2369.8 | 2285.4 | 2000.2 | 1737.1 | 1518.5 | 1307.3 | 1074.9 | 855.0 | 669.2 | 476.3 |
| 70° | 2147.6 | 2207.8 | 2124.5 | 1803.7 | 1556.1 | 1377.9 | 1173.2 | 923.3 | 735.5 | 551.2 | 376.4 |
| 72.5° | 1684.6 | 1763.9 | 1691.0 | 1471.1 | 1288.1 | 1139.0 | 987.1 | 725.1 | 560.8 | 404.9 | 253.0 |
| 75° | 1162.2 | 1192.7 | 1149.2 | 997.3 | 941.1 | 882.9 | 740.9 | 487.4 | 370.5 | 249.9 | 148.8 |
| 77.5° | 901.6 | 791.2 | 707.9 | 645.8 | 644.6 | 633.9 | 484.8 | 291.7 | 221.7 | 137.5 | 82.7 |
| 80° | 677.9 | 532.2 | 439.3 | 384.3 | 399.5 | 446.7 | 282.6 | 149.7 | 114.6 | 76.0 | 50.8 |
| 82.5° | 446.1 | 339.7 | 271.1 | 240.0 | 242.5 | 280.1 | 142.0 | 82.4 | 56.5 | 43.2 | 33.0 |
| 85° | 271.9 | 264.0 | 235.5 | 213.7 | 197.1 | 192.6 | 110.4 | 63.2 | 31.3 | 22.3 | 16.9 |
| 87.5° | 132.7 | 157.3 | 192.0 | 194.5 | 167.2 | 141.7 | 57.3 | 18.1 | 13.3 | 7.1 | 5.1 |
| 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: P141506
 CATALOG NUMBER: MEM-F01-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 |
| 2.5° | 289.1 | 290.5 | 290.0 | 289.7 | 289.7 | 291.1 | 291.1 | 290.5 | 290.5 | 290.8 | 290.8 |
| 5° | 295.9 | 297.3 | 296.8 | 297.0 | 297.6 | 297.9 | 298.7 | 297.9 | 297.3 | 297.9 | 297.6 |
| 7.5° | 303.8 | 305.2 | 304.9 | 305.5 | 306.1 | 306.6 | 307.2 | 306.9 | 306.4 | 306.4 | 306.1 |
| 10° | 307.2 | 310.0 | 311.2 | 312.3 | 313.7 | 314.3 | 315.1 | 315.1 | 314.0 | 314.0 | 312.6 |
| 12.5° | 309.5 | 311.7 | 314.5 | 316.2 | 318.8 | 320.8 | 321.6 | 321.9 | 321.0 | 319.9 | 318.5 |
| 15° | 314.3 | 316.0 | 318.8 | 320.5 | 323.6 | 326.1 | 327.8 | 327.5 | 326.4 | 323.3 | 319.1 |
| 17.5° | 326.1 | 325.8 | 327.0 | 328.1 | 328.9 | 330.4 | 329.8 | 327.3 | 321.9 | 316.2 | 310.3 |
| 20° | 343.9 | 343.6 | 341.9 | 339.4 | 336.3 | 332.3 | 326.1 | 318.5 | 309.5 | 299.3 | 290.3 |
| 22.5° | 369.0 | 366.5 | 364.2 | 357.5 | 346.7 | 333.5 | 317.4 | 302.4 | 291.7 | 281.8 | 271.9 |
| 25° | 402.4 | 396.1 | 385.1 | 369.3 | 352.4 | 332.6 | 309.2 | 289.1 | 275.6 | 264.0 | 254.1 |
| 27.5° | 423.3 | 408.9 | 390.5 | 368.8 | 346.2 | 320.8 | 294.8 | 275.0 | 259.8 | 247.1 | 235.8 |
| 30° | 441.0 | 415.1 | 389.4 | 361.7 | 333.2 | 306.9 | 279.5 | 258.4 | 240.6 | 226.5 | 212.9 |
| 32.5° | 450.9 | 416.2 | 384.0 | 351.0 | 319.9 | 290.0 | 260.3 | 237.5 | 220.5 | 203.0 | 184.4 |
| 35° | 457.1 | 412.8 | 373.8 | 336.6 | 302.4 | 271.3 | 240.3 | 215.2 | 192.9 | 171.4 | 152.8 |
| 37.5° | 458.8 | 407.2 | 360.6 | 320.5 | 281.5 | 247.6 | 218.3 | 188.9 | 166.6 | 143.4 | 122.0 |
| 40° | 458.0 | 396.4 | 343.9 | 295.3 | 254.4 | 221.7 | 193.1 | 166.3 | 141.7 | 121.1 | 100.5 |
| 42.5° | 454.6 | 384.3 | 324.1 | 274.7 | 233.5 | 202.2 | 175.9 | 148.8 | 126.8 | 104.8 | 87.2 |
| 45° | 453.5 | 372.4 | 309.2 | 258.9 | 219.4 | 188.6 | 162.9 | 136.7 | 113.5 | 92.6 | 75.1 |
| 47.5° | 450.9 | 361.7 | 295.3 | 246.8 | 207.8 | 178.2 | 151.6 | 125.9 | 101.9 | 83.0 | 66.1 |
| 50° | 445.3 | 350.1 | 285.2 | 237.5 | 198.2 | 167.7 | 140.6 | 112.9 | 89.5 | 70.9 | 57.9 |
| 52.5° | 439.3 | 342.8 | 278.7 | 228.1 | 188.1 | 155.3 | 128.5 | 100.5 | 78.5 | 61.0 | 51.1 |
| 55° | 433.4 | 337.1 | 269.9 | 217.1 | 174.8 | 142.6 | 115.5 | 89.8 | 69.2 | 54.2 | 47.2 |
| 57.5° | 426.9 | 329.5 | 259.2 | 203.0 | 159.8 | 128.5 | 101.4 | 77.1 | 60.1 | 48.8 | 44.0 |
| 60° | 421.6 | 318.8 | 240.6 | 183.3 | 139.8 | 108.7 | 84.1 | 64.4 | 51.1 | 44.0 | 42.1 |
| 62.5° | 407.4 | 298.2 | 213.7 | 154.2 | 113.5 | 85.0 | 64.1 | 50.3 | 42.9 | 39.5 | 39.8 |
| 65° | 373.3 | 252.1 | 169.7 | 120.3 | 79.6 | 57.0 | 45.7 | 38.4 | 35.0 | 35.0 | 35.9 |
| 67.5° | 314.5 | 192.0 | 120.3 | 76.5 | 52.2 | 41.2 | 35.0 | 31.9 | 31.3 | 31.9 | 33.3 |
| 70° | 222.8 | 124.5 | 75.4 | 50.0 | 39.2 | 33.3 | 30.2 | 29.1 | 28.5 | 29.1 | 29.6 |
| 72.5° | 137.2 | 73.4 | 48.0 | 39.0 | 33.6 | 29.9 | 28.0 | 27.1 | 26.8 | 26.8 | 26.5 |
| 75° | 74.8 | 49.1 | 38.4 | 33.9 | 30.5 | 27.7 | 25.7 | 24.3 | 24.0 | 24.3 | 23.7 |
| 77.5° | 47.7 | 38.4 | 34.2 | 31.3 | 28.2 | 24.6 | 22.9 | 21.7 | 21.7 | 21.5 | 20.9 |
| 80° | 37.3 | 34.2 | 31.3 | 28.5 | 23.7 | 20.9 | 19.2 | 18.9 | 18.6 | 18.4 | 18.4 |
| 82.5° | 28.0 | 27.1 | 25.7 | 23.2 | 18.9 | 16.7 | 15.8 | 15.8 | 15.5 | 14.7 | 14.7 |
| 85° | 16.1 | 15.8 | 16.9 | 15.0 | 12.7 | 11.0 | 11.0 | 11.3 | 11.6 | 11.3 | 10.4 |
| 87.5° | 5.4 | 4.5 | 4.8 | 4.8 | 4.0 | 3.1 | 4.2 | 5.1 | 4.8 | 4.2 | 5.1 |
| 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: P141506

CATALOG NUMBER: MEM-F01-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 |
| 2.5° | 290.0 | 290.5 | 291.7 | 290.5 | 290.0 | 290.0 | 289.4 | 289.7 | 288.9 | 288.0 | 288.3 |
| 5° | 297.0 | 296.5 | 297.0 | 296.2 | 294.5 | 294.2 | 293.1 | 293.1 | 292.0 | 290.8 | 290.3 |
| 7.5° | 304.9 | 304.1 | 304.4 | 302.7 | 300.7 | 299.3 | 297.9 | 297.3 | 295.9 | 294.2 | 293.1 |
| 10° | 311.2 | 310.3 | 309.7 | 307.8 | 305.2 | 303.8 | 301.8 | 300.7 | 299.3 | 297.0 | 295.9 |
| 12.5° | 315.1 | 313.1 | 312.0 | 308.6 | 306.4 | 304.9 | 302.7 | 302.1 | 300.4 | 298.5 | 297.6 |
| 15° | 314.3 | 309.7 | 306.4 | 302.4 | 299.3 | 297.3 | 295.3 | 294.8 | 293.9 | 293.1 | 291.4 |
| 17.5° | 300.4 | 294.8 | 291.1 | 282.9 | 278.4 | 276.4 | 276.1 | 275.9 | 275.3 | 275.3 | 273.3 |
| 20° | 281.2 | 274.7 | 269.1 | 261.2 | 255.3 | 253.3 | 247.9 | 246.5 | 244.8 | 246.5 | 244.8 |
| 22.5° | 264.0 | 255.8 | 249.3 | 242.8 | 235.8 | 230.1 | 223.1 | 219.7 | 214.9 | 213.7 | 214.3 |
| 25° | 245.7 | 235.5 | 227.3 | 219.7 | 212.1 | 204.1 | 197.7 | 192.9 | 189.7 | 185.5 | 181.6 |
| 27.5° | 223.3 | 214.9 | 203.9 | 197.7 | 188.6 | 179.9 | 173.1 | 168.0 | 162.4 | 159.0 | 153.3 |
| 30° | 200.8 | 187.8 | 176.8 | 168.0 | 158.1 | 153.9 | 147.4 | 142.0 | 136.9 | 133.3 | 128.5 |
| 32.5° | 171.4 | 157.8 | 146.3 | 136.1 | 129.3 | 123.4 | 119.4 | 114.9 | 112.4 | 109.3 | 106.2 |
| 35° | 140.3 | 123.4 | 109.6 | 105.0 | 97.4 | 97.7 | 95.7 | 93.5 | 91.5 | 88.7 | 88.4 |
| 37.5° | 105.9 | 92.6 | 83.6 | 77.9 | 76.8 | 75.1 | 75.4 | 75.1 | 74.5 | 73.7 | 73.7 |
| 40° | 83.9 | 72.0 | 66.1 | 64.9 | 64.9 | 64.7 | 64.4 | 64.4 | 64.4 | 63.8 | 63.5 |
| 42.5° | 71.7 | 63.2 | 61.3 | 60.7 | 60.1 | 59.9 | 59.3 | 58.4 | 58.4 | 57.9 | 57.0 |
| 45° | 63.2 | 58.4 | 57.9 | 57.3 | 57.3 | 56.5 | 55.6 | 55.1 | 54.8 | 54.5 | 53.9 |
| 47.5° | 57.9 | 55.3 | 54.8 | 54.2 | 53.9 | 53.4 | 52.5 | 51.7 | 51.4 | 51.1 | 51.1 |
| 50° | 52.0 | 50.3 | 50.3 | 50.3 | 49.4 | 48.8 | 48.0 | 47.4 | 47.4 | 47.2 | 46.9 |
| 52.5° | 47.7 | 46.9 | 46.6 | 46.3 | 45.7 | 44.9 | 44.3 | 44.0 | 43.8 | 44.0 | 43.8 |
| 55° | 45.7 | 45.2 | 44.9 | 44.3 | 43.8 | 42.9 | 42.4 | 41.5 | 41.2 | 41.8 | 41.8 |
| 57.5° | 43.5 | 43.2 | 42.9 | 42.4 | 41.8 | 40.7 | 39.8 | 39.2 | 39.2 | 40.1 | 39.8 |
| 60° | 42.6 | 42.4 | 42.1 | 41.8 | 40.9 | 39.5 | 38.1 | 37.6 | 37.6 | 38.4 | 38.4 |
| 62.5° | 40.7 | 40.4 | 40.1 | 39.8 | 38.7 | 37.6 | 36.1 | 35.6 | 35.9 | 36.4 | 37.3 |
| 65° | 37.0 | 37.3 | 37.0 | 37.0 | 36.1 | 35.3 | 34.4 | 33.9 | 33.6 | 33.9 | 34.7 |
| 67.5° | 33.6 | 33.9 | 33.9 | 33.9 | 33.6 | 32.8 | 32.2 | 31.3 | 30.8 | 31.1 | 31.3 |
| 70° | 30.5 | 30.8 | 31.1 | 31.1 | 30.5 | 29.6 | 28.8 | 28.0 | 27.7 | 28.0 | 28.0 |
| 72.5° | 27.1 | 27.1 | 27.1 | 27.4 | 27.1 | 26.8 | 25.7 | 24.6 | 24.6 | 24.3 | 24.6 |
| 75° | 23.7 | 23.7 | 23.7 | 23.7 | 23.2 | 23.2 | 22.6 | 21.5 | 21.2 | 21.5 | 21.7 |
| 77.5° | 20.9 | 20.3 | 20.0 | 20.0 | 20.0 | 19.5 | 19.2 | 19.2 | 18.9 | 18.9 | 18.9 |
| 80° | 17.2 | 16.7 | 16.1 | 15.8 | 16.1 | 16.1 | 16.7 | 16.7 | 16.4 | 16.4 | 16.4 |
| 82.5° | 13.6 | 12.4 | 12.1 | 12.1 | 11.6 | 12.1 | 13.3 | 14.7 | 14.1 | 14.4 | 14.4 |
| 85° | 9.9 | 8.8 | 8.2 | 8.2 | 7.6 | 8.8 | 10.2 | 11.3 | 10.7 | 11.3 | 11.0 |
| 87.5° | 4.5 | 4.2 | 3.4 | 2.8 | 3.4 | 5.1 | 5.9 | 6.2 | 5.4 | 6.5 | 6.5 |
| 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: P141506
 CATALOG NUMBER: MEM-F01-LED-E-U-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 |
| 2.5° | 289.4 | 288.3 | 288.0 | 288.3 | 287.7 | 288.6 | 288.6 | 288.3 | 288.3 | 288.0 | 288.6 |
| 5° | 291.1 | 289.7 | 288.9 | 288.9 | 288.3 | 289.1 | 288.6 | 288.3 | 288.0 | 288.0 | 288.0 |
| 7.5° | 293.7 | 291.7 | 290.3 | 289.4 | 288.3 | 288.3 | 287.4 | 286.6 | 286.0 | 285.7 | 285.7 |
| 10° | 295.9 | 293.1 | 290.8 | 288.9 | 287.2 | 285.7 | 284.3 | 282.4 | 281.8 | 281.2 | 281.5 |
| 12.5° | 295.6 | 292.5 | 289.1 | 286.0 | 282.1 | 280.4 | 276.7 | 274.5 | 274.5 | 273.0 | 273.9 |
| 15° | 289.4 | 284.1 | 279.3 | 274.2 | 269.4 | 266.0 | 261.5 | 258.9 | 257.5 | 257.2 | 259.2 |
| 17.5° | 270.8 | 265.7 | 261.2 | 255.5 | 249.3 | 247.1 | 244.0 | 242.8 | 242.0 | 243.4 | 244.8 |
| 20° | 245.7 | 239.2 | 234.9 | 231.5 | 231.5 | 231.0 | 229.6 | 227.6 | 225.9 | 225.6 | 227.3 |
| 22.5° | 210.1 | 207.5 | 208.4 | 206.1 | 206.1 | 205.0 | 207.3 | 203.6 | 205.6 | 203.9 | 204.7 |
| 25° | 180.4 | 179.3 | 178.7 | 178.5 | 178.5 | 180.4 | 180.1 | 180.7 | 178.7 | 179.9 | 179.6 |
| 27.5° | 153.6 | 152.2 | 150.2 | 151.3 | 152.5 | 153.9 | 154.5 | 154.7 | 156.4 | 153.3 | 154.5 |
| 30° | 127.9 | 125.6 | 127.1 | 125.9 | 126.5 | 126.2 | 126.2 | 126.2 | 127.3 | 129.6 | 127.9 |
| 32.5° | 104.8 | 103.6 | 105.0 | 103.1 | 103.3 | 103.3 | 102.8 | 101.9 | 102.5 | 100.0 | 101.9 |
| 35° | 86.7 | 85.3 | 86.4 | 85.6 | 84.7 | 82.4 | 81.6 | 80.2 | 80.5 | 79.9 | 79.6 |
| 37.5° | 72.6 | 72.3 | 71.4 | 71.4 | 70.9 | 70.6 | 69.2 | 69.5 | 69.7 | 70.3 | 70.3 |
| 40° | 62.7 | 62.4 | 62.1 | 62.7 | 63.0 | 63.2 | 63.8 | 64.4 | 65.2 | 66.1 | 66.9 |
| 42.5° | 57.0 | 57.0 | 57.0 | 58.2 | 59.0 | 60.4 | 61.3 | 62.4 | 63.5 | 64.9 | 66.1 |
| 45° | 53.6 | 53.4 | 53.9 | 54.8 | 56.2 | 57.6 | 59.0 | 60.7 | 62.4 | 63.8 | 64.7 |
| 47.5° | 50.8 | 50.5 | 51.1 | 52.0 | 53.4 | 55.6 | 57.6 | 59.6 | 61.6 | 63.0 | 63.5 |
| 50° | 47.2 | 47.2 | 47.4 | 48.3 | 49.7 | 51.7 | 53.6 | 55.9 | 57.9 | 59.0 | 59.6 |
| 52.5° | 44.3 | 44.6 | 44.6 | 45.5 | 46.9 | 48.6 | 50.5 | 52.5 | 53.9 | 54.8 | 55.9 |
| 55° | 41.5 | 42.1 | 42.1 | 42.9 | 44.3 | 46.3 | 48.8 | 50.5 | 52.2 | 53.4 | 54.2 |
| 57.5° | 39.5 | 39.8 | 39.8 | 40.9 | 42.6 | 44.3 | 46.9 | 49.1 | 51.1 | 52.5 | 53.6 |
| 60° | 37.8 | 38.1 | 37.8 | 39.2 | 40.7 | 42.6 | 44.9 | 47.4 | 50.3 | 52.2 | 53.1 |
| 62.5° | 36.4 | 36.4 | 36.1 | 37.3 | 38.1 | 39.2 | 41.2 | 44.0 | 46.6 | 48.3 | 49.1 |
| 65° | 34.7 | 34.7 | 34.2 | 35.3 | 35.3 | 37.0 | 38.4 | 40.9 | 42.9 | 44.9 | 45.5 |
| 67.5° | 31.3 | 31.9 | 31.6 | 32.5 | 33.6 | 34.7 | 36.4 | 38.4 | 40.4 | 41.8 | 42.6 |
| 70° | 28.0 | 28.2 | 29.1 | 29.6 | 30.8 | 31.3 | 32.8 | 34.2 | 36.1 | 37.0 | 37.8 |
| 72.5° | 24.8 | 25.1 | 25.7 | 26.3 | 27.4 | 28.0 | 29.1 | 30.2 | 31.9 | 32.8 | 33.6 |
| 75° | 21.7 | 22.0 | 22.3 | 22.9 | 23.4 | 24.0 | 24.6 | 25.7 | 26.8 | 28.0 | 28.8 |
| 77.5° | 18.6 | 18.9 | 19.8 | 19.5 | 20.0 | 20.3 | 21.2 | 21.7 | 22.3 | 23.4 | 24.6 |
| 80° | 16.4 | 16.1 | 16.7 | 16.9 | 17.5 | 17.5 | 18.1 | 18.1 | 18.9 | 18.9 | 19.2 |
| 82.5° | 13.8 | 13.6 | 14.1 | 15.0 | 15.2 | 15.2 | 15.8 | 14.7 | 14.4 | 14.7 | 15.5 |
| 85° | 10.4 | 10.7 | 11.0 | 12.1 | 12.4 | 12.4 | 13.0 | 12.1 | 11.0 | 11.0 | 11.6 |
| 87.5° | 5.9 | 4.5 | 6.5 | 7.6 | 7.6 | 7.9 | 8.5 | 8.2 | 7.9 | 6.2 | 6.5 |
| 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: P141506
 CATALOG NUMBER: MEM-F01-LED-E-U-SLL-7050

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 0° |
| 2.5° | 288.3 | 288.6 | 288.9 | 289.1 | 289.4 | 289.1 | 289.7 | 289.1 | 289.4 | 288.9 | 288.6 | 2.5° |
| 5° | 288.0 | 288.3 | 288.3 | 288.9 | 289.1 | 288.3 | 288.9 | 288.0 | 288.0 | 287.4 | 286.6 | 5° |
| 7.5° | 286.0 | 286.6 | 286.6 | 287.2 | 287.2 | 286.3 | 286.3 | 284.6 | 284.1 | 282.1 | 280.7 | 7.5° |
| 10° | 282.1 | 282.9 | 283.5 | 284.6 | 285.2 | 283.8 | 282.9 | 280.9 | 278.7 | 276.4 | 274.2 | 10° |
| 12.5° | 275.3 | 275.6 | 277.6 | 279.3 | 280.1 | 280.9 | 280.4 | 280.1 | 277.8 | 276.4 | 275.6 | 12.5° |
| 15° | 259.8 | 262.0 | 264.0 | 268.0 | 270.8 | 273.9 | 276.1 | 278.7 | 279.8 | 281.2 | 281.8 | 15° |
| 17.5° | 246.2 | 248.8 | 250.2 | 253.6 | 256.4 | 261.2 | 267.1 | 273.6 | 278.1 | 283.8 | 289.1 | 17.5° |
| 20° | 227.3 | 231.5 | 232.7 | 238.0 | 241.7 | 247.9 | 254.4 | 262.6 | 271.6 | 280.4 | 290.0 | 20° |
| 22.5° | 206.1 | 208.1 | 210.4 | 216.0 | 220.5 | 228.4 | 238.3 | 249.6 | 260.1 | 272.2 | 286.0 | 22.5° |
| 25° | 180.4 | 183.0 | 185.2 | 191.4 | 197.9 | 205.3 | 217.1 | 231.0 | 244.2 | 260.3 | 278.4 | 25° |
| 27.5° | 155.0 | 157.0 | 160.9 | 165.5 | 172.8 | 180.7 | 195.4 | 210.6 | 225.9 | 245.4 | 266.8 | 27.5° |
| 30° | 128.5 | 130.4 | 132.4 | 137.8 | 145.4 | 154.7 | 168.0 | 186.1 | 204.1 | 225.0 | 250.5 | 30° |
| 32.5° | 103.1 | 103.6 | 107.6 | 111.5 | 118.0 | 125.9 | 140.3 | 157.8 | 177.3 | 202.7 | 227.9 | 32.5° |
| 35° | 80.5 | 83.9 | 85.6 | 90.9 | 94.9 | 103.1 | 115.2 | 131.3 | 151.6 | 177.3 | 204.4 | 35° |
| 37.5° | 71.4 | 72.6 | 74.8 | 78.8 | 84.1 | 91.5 | 100.0 | 112.4 | 129.9 | 151.6 | 177.0 | 37.5° |
| 40° | 68.0 | 69.2 | 70.9 | 74.0 | 79.1 | 85.8 | 92.9 | 102.8 | 116.3 | 133.6 | 156.4 | 40° |
| 42.5° | 66.9 | 67.2 | 67.8 | 70.6 | 75.7 | 83.3 | 91.8 | 101.1 | 111.5 | 125.4 | 143.4 | 42.5° |
| 45° | 65.5 | 65.5 | 65.8 | 67.8 | 72.3 | 80.2 | 90.9 | 102.8 | 114.6 | 127.1 | 142.3 | 45° |
| 47.5° | 64.4 | 64.7 | 64.4 | 65.2 | 68.6 | 76.2 | 88.1 | 102.5 | 118.3 | 134.4 | 151.1 | 47.5° |
| 50° | 59.9 | 59.9 | 60.1 | 60.4 | 63.0 | 70.3 | 81.9 | 97.7 | 117.2 | 138.9 | 161.8 | 50° |
| 52.5° | 56.2 | 56.8 | 56.8 | 57.3 | 59.0 | 64.9 | 76.5 | 93.2 | 114.4 | 139.8 | 170.5 | 52.5° |
| 55° | 55.1 | 55.6 | 55.9 | 55.9 | 57.0 | 62.1 | 73.1 | 88.9 | 111.2 | 138.9 | 173.9 | 55° |
| 57.5° | 54.2 | 54.8 | 55.1 | 54.8 | 55.6 | 59.9 | 70.0 | 85.6 | 107.9 | 136.9 | 175.3 | 57.5° |
| 60° | 53.4 | 53.6 | 53.1 | 52.5 | 52.8 | 56.5 | 65.5 | 80.8 | 103.9 | 134.1 | 174.8 | 60° |
| 62.5° | 49.4 | 49.7 | 49.1 | 48.6 | 48.0 | 50.8 | 59.0 | 74.0 | 95.7 | 127.6 | 170.3 | 62.5° |
| 65° | 46.0 | 46.0 | 46.0 | 45.5 | 44.9 | 46.6 | 52.5 | 65.2 | 84.1 | 116.0 | 159.8 | 65° |
| 67.5° | 43.2 | 42.9 | 42.9 | 42.6 | 42.1 | 42.6 | 46.3 | 55.1 | 69.7 | 97.7 | 140.9 | 67.5° |
| 70° | 38.7 | 38.4 | 38.7 | 38.4 | 37.8 | 37.8 | 39.5 | 44.3 | 54.2 | 71.7 | 109.6 | 70° |
| 72.5° | 34.2 | 34.4 | 35.0 | 35.0 | 35.0 | 35.3 | 35.3 | 36.7 | 42.1 | 51.4 | 74.5 | 72.5° |
| 75° | 29.4 | 29.6 | 30.5 | 31.6 | 31.1 | 31.3 | 31.3 | 32.2 | 35.0 | 40.7 | 52.2 | 75° |
| 77.5° | 24.8 | 25.7 | 26.8 | 27.1 | 26.3 | 26.3 | 26.8 | 28.2 | 30.8 | 34.2 | 39.8 | 77.5° |
| 80° | 20.3 | 21.5 | 21.7 | 22.3 | 22.6 | 22.6 | 23.2 | 24.3 | 26.8 | 31.1 | 35.6 | 80° |
| 82.5° | 16.1 | 16.9 | 17.8 | 18.6 | 19.2 | 20.0 | 20.3 | 20.9 | 23.4 | 27.7 | 32.8 | 82.5° |
| 85° | 12.1 | 13.0 | 14.1 | 15.0 | 15.5 | 16.4 | 16.1 | 16.4 | 17.8 | 21.2 | 24.8 | 85° |
| 87.5° | 7.3 | 7.3 | 8.2 | 8.5 | 8.8 | 8.8 | 9.3 | 8.2 | 8.8 | 11.3 | 13.6 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P141506

NUMBER: MEM-F01-LED-E-U-SLL-7050

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|-------|-------|-------|-------|-------|--------|
| 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 | 288.0 |
| 288.9 | 288.6 | 288.3 | 288.6 | 289.1 | 289.1 | 288.3 |
| 286.9 | 286.0 | 285.5 | 285.5 | 285.5 | 285.2 | 284.6 |
| 280.1 | 278.7 | 277.8 | 277.3 | 277.0 | 277.0 | 275.9 |
| 272.8 | 271.9 | 270.2 | 269.7 | 269.9 | 270.8 | 270.5 |
| 274.5 | 271.9 | 271.1 | 271.1 | 270.8 | 272.2 | 271.9 |
| 283.8 | 283.8 | 282.6 | 282.4 | 281.8 | 283.5 | 283.5 |
| 293.7 | 296.2 | 297.3 | 296.2 | 296.5 | 296.8 | 299.0 |
| 299.0 | 306.4 | 310.3 | 313.4 | 313.7 | 315.4 | 315.1 |
| 299.9 | 313.1 | 323.6 | 330.4 | 336.6 | 339.7 | 339.1 |
| 295.6 | 314.0 | 332.3 | 349.6 | 362.5 | 369.6 | 375.5 |
| 290.0 | 311.7 | 335.4 | 359.7 | 380.9 | 399.8 | 411.7 |
| 276.7 | 304.4 | 334.9 | 365.9 | 396.1 | 423.3 | 445.3 |
| 258.1 | 290.0 | 326.4 | 367.3 | 409.7 | 447.3 | 479.4 |
| 233.2 | 267.4 | 311.7 | 362.0 | 417.9 | 473.8 | 522.4 |
| 206.4 | 244.0 | 292.5 | 352.9 | 422.1 | 495.0 | 561.6 |
| 183.0 | 220.0 | 273.0 | 341.4 | 421.6 | 508.8 | 590.4 |
| 167.7 | 202.5 | 256.1 | 330.4 | 418.7 | 516.7 | 613.0 |
| 162.6 | 194.0 | 244.8 | 321.6 | 417.0 | 522.4 | 628.5 |
| 169.4 | 196.5 | 242.3 | 317.7 | 416.5 | 528.9 | 642.1 |
| 185.2 | 210.6 | 251.9 | 324.1 | 421.6 | 535.4 | 655.6 |
| 200.2 | 230.4 | 272.8 | 342.8 | 440.5 | 554.3 | 674.3 |
| 212.3 | 251.9 | 295.3 | 367.3 | 467.6 | 583.6 | 702.2 |
| 219.1 | 268.5 | 324.7 | 401.5 | 504.6 | 626.8 | 748.0 |
| 221.9 | 280.1 | 349.8 | 437.4 | 551.2 | 676.2 | 805.9 |
| 220.8 | 285.5 | 367.9 | 470.1 | 593.2 | 730.5 | 871.6 |
| 213.7 | 285.5 | 379.2 | 496.4 | 628.5 | 773.7 | 929.5 |
| 196.8 | 275.6 | 380.3 | 511.6 | 655.6 | 810.1 | 977.0 |
| 165.7 | 247.1 | 361.4 | 509.9 | 664.1 | 821.7 | 1001.8 |
| 116.0 | 184.4 | 301.6 | 460.8 | 628.0 | 794.3 | 974.4 |
| 72.0 | 114.9 | 216.0 | 356.3 | 522.6 | 674.0 | 867.1 |
| 50.5 | 69.7 | 123.7 | 225.6 | 359.7 | 502.3 | 647.4 |
| 42.1 | 51.4 | 70.6 | 124.2 | 216.3 | 309.5 | 407.2 |
| 36.4 | 41.5 | 49.1 | 70.9 | 110.1 | 164.9 | 226.7 |
| 27.1 | 30.2 | 33.9 | 46.6 | 69.5 | 101.9 | 155.0 |
| 11.0 | 12.4 | 13.8 | 18.6 | 42.6 | 58.7 | 63.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)