

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: P141351

Luminaire Tested: **MEM-E02-LED-E-U-SL4-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P141351
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33692)
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-SL4-7050
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL
Light Source: (42) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5794.4 lumens
Efficiency: N/A
Efficacy: 111.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G2

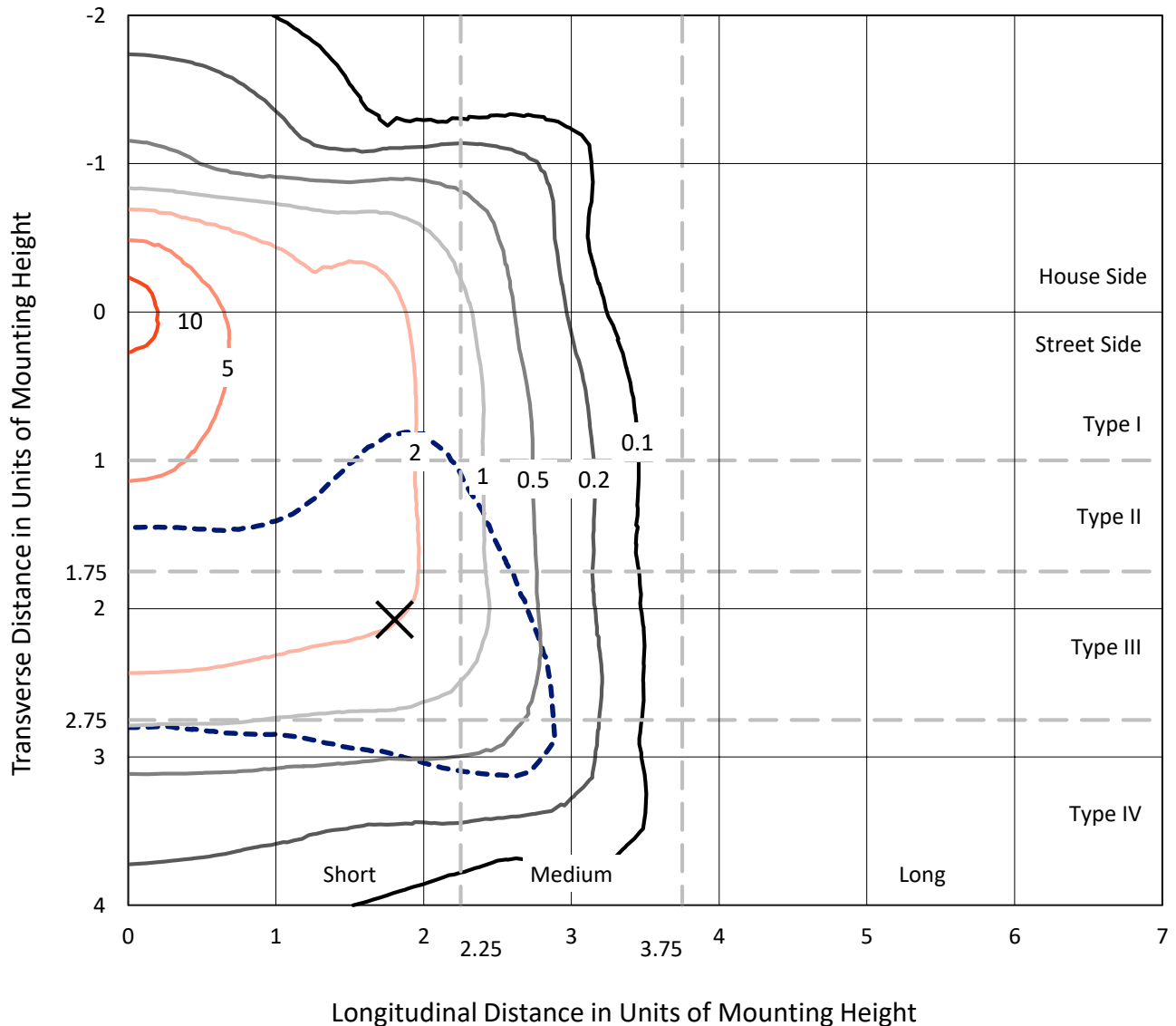
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

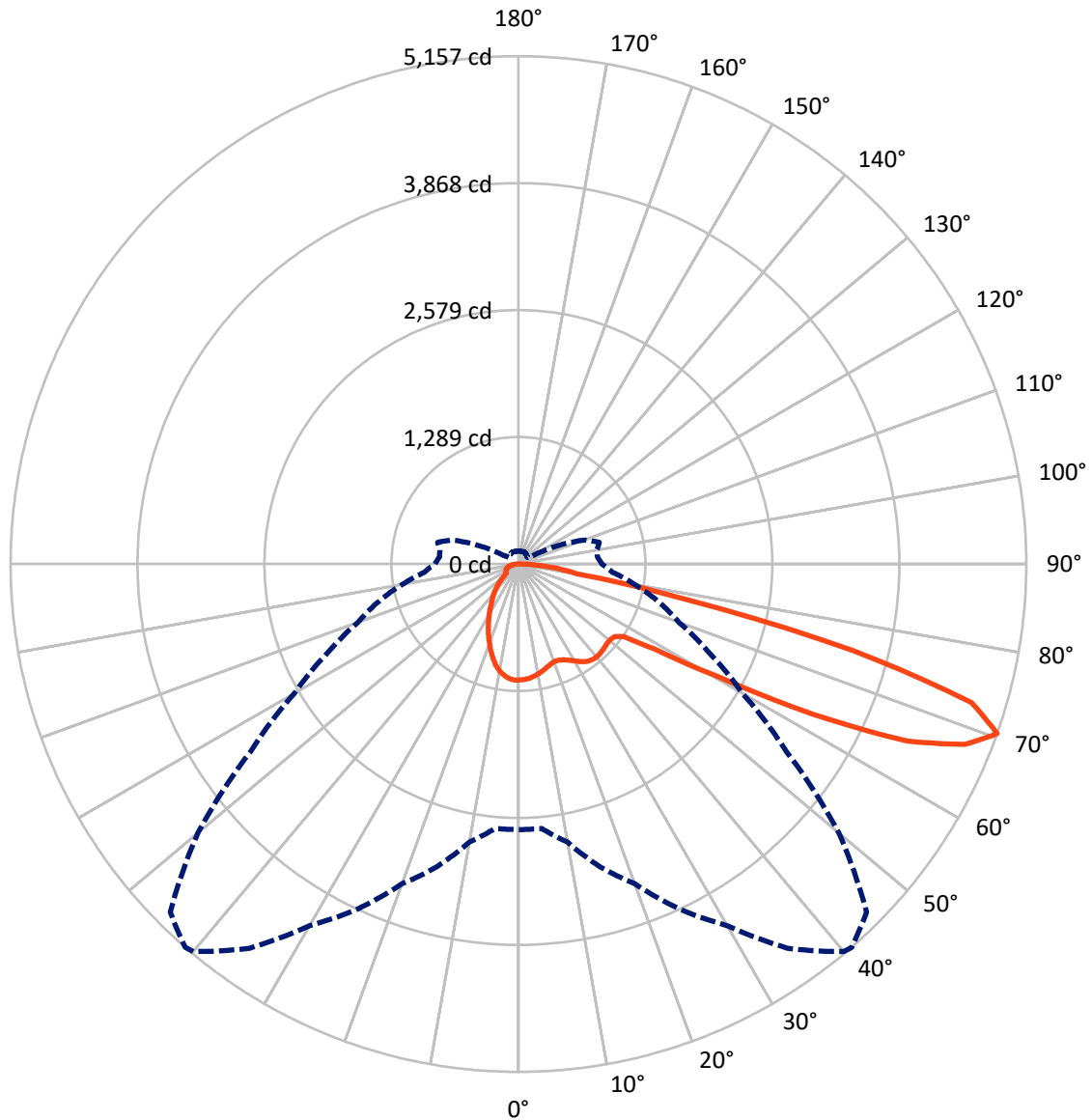
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.8 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 41-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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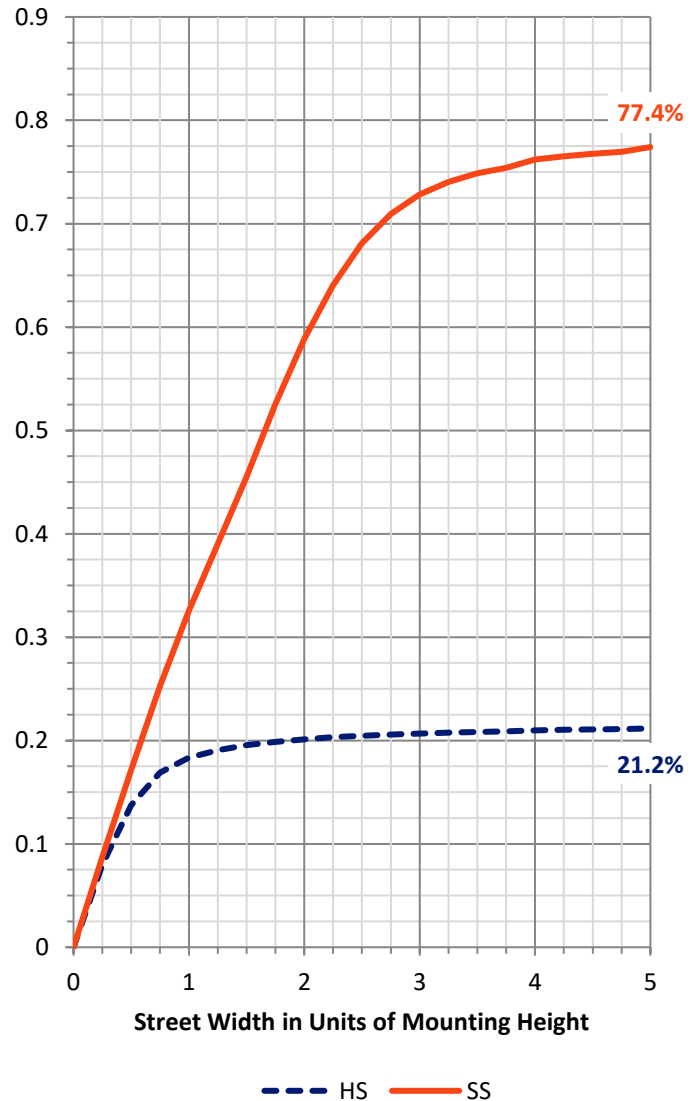
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1243.2 | 0.0 | 1243.2 |
| | % Fixture | 21.5 | 0.0 | 21.5 |
| Street Side | Lumens | 4551.2 | 0.0 | 4551.2 |
| | % Fixture | 78.5 | 0.0 | 78.5 |
| Total | Lumens | 5794.4 | 0.0 | 5794.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 109.5 | 1.9 |
| 10°-20° | 293.6 | 5.1 |
| 20°-30° | 424.5 | 7.3 |
| 30°-40° | 540.3 | 9.3 |
| 40°-50° | 636.7 | 11.0 |
| 50°-60° | 974.3 | 16.8 |
| 60°-70° | 1810.8 | 31.3 |
| 70°-80° | 874.0 | 15.1 |
| 80°-90° | 130.5 | 2.3 |
| 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° | 5794.4 | 100.0 |
| 0°-180° | 5794.4 | 100.0 |



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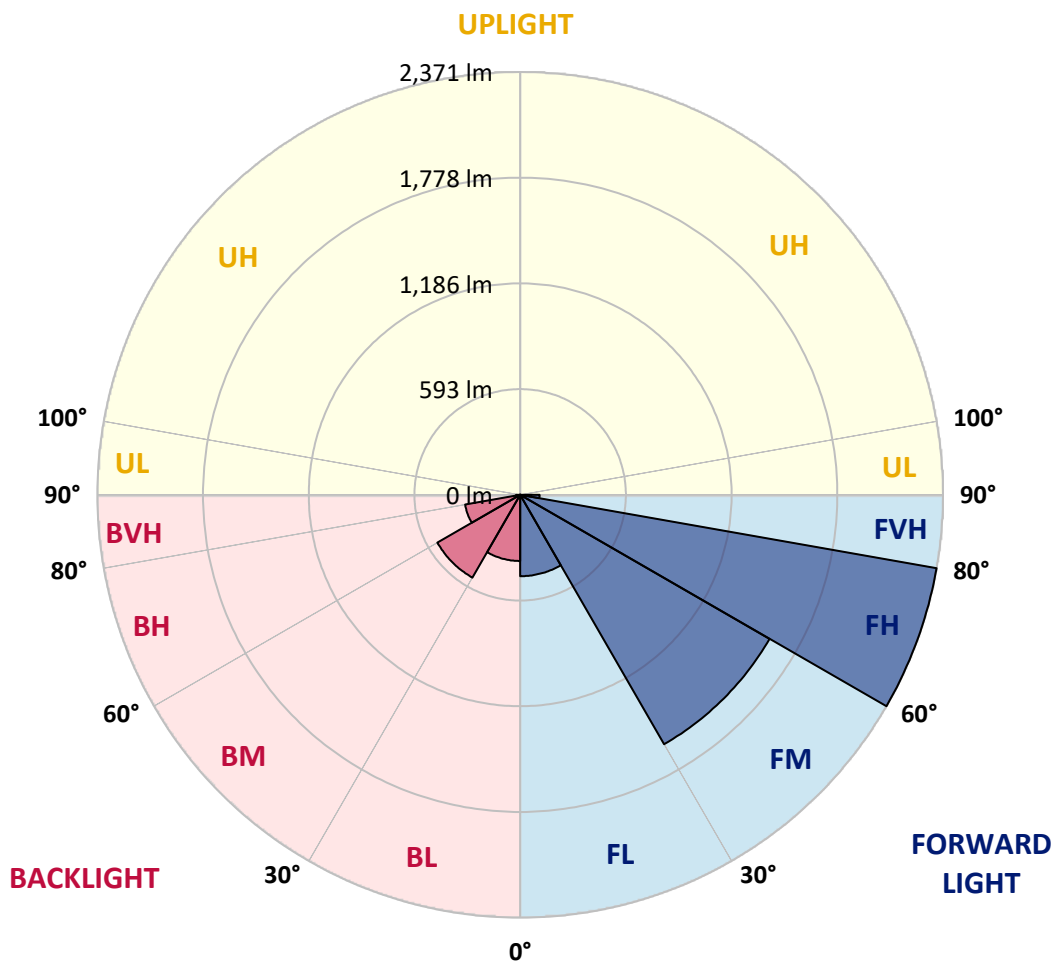
CATALOG NUMBER: MEM-E02-LED-E-U-SL4-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 456.4 | 7.9 | | | |
| FM | (30°-60°) | 1615.0 | 27.9 | | | |
| FH | (60°-80°) | 2371.3 | 40.9 | | | G2/5000 |
| FVH | (80°-90°) | 108.5 | 1.9 | | | G2/225 |
| BL | (0°-30°) | 371.3 | 6.4 | B1/500 | | |
| BM | (30°-60°) | 536.3 | 9.3 | B1/1000 | | |
| BH | (60°-80°) | 313.5 | 5.4 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 22.0 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





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CATALOG NUMBER: MEM-E02-LED-E-U-SL4-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 41° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 |
| 2.5° | 1177.3 | 1178.7 | 1178.0 | 1176.6 | 1175.2 | 1175.9 | 1175.2 | 1174.5 | 1174.5 | 1173.9 | 1173.2 |
| 5° | 1171.8 | 1174.5 | 1172.5 | 1171.1 | 1169.1 | 1169.1 | 1168.4 | 1167.0 | 1165.7 | 1165.0 | 1163.6 |
| 7.5° | 1160.2 | 1162.9 | 1161.6 | 1160.2 | 1158.1 | 1156.8 | 1154.0 | 1152.7 | 1151.3 | 1150.6 | 1148.6 |
| 10° | 1144.4 | 1145.8 | 1144.4 | 1141.7 | 1140.3 | 1139.7 | 1138.3 | 1135.6 | 1132.8 | 1131.5 | 1129.4 |
| 12.5° | 1123.9 | 1124.6 | 1123.2 | 1121.9 | 1119.8 | 1119.8 | 1117.8 | 1115.7 | 1111.6 | 1110.2 | 1105.5 |
| 15° | 1106.1 | 1104.1 | 1102.7 | 1102.0 | 1101.4 | 1097.9 | 1098.6 | 1095.2 | 1088.4 | 1086.3 | 1080.8 |
| 17.5° | 1101.4 | 1099.3 | 1098.6 | 1096.6 | 1095.2 | 1091.1 | 1087.0 | 1080.1 | 1068.5 | 1066.5 | 1058.3 |
| 20° | 1115.0 | 1115.0 | 1113.0 | 1111.6 | 1109.6 | 1102.0 | 1093.1 | 1080.1 | 1058.9 | 1054.2 | 1043.9 |
| 22.5° | 1147.9 | 1144.4 | 1143.1 | 1143.1 | 1142.4 | 1131.5 | 1115.0 | 1094.5 | 1066.5 | 1060.3 | 1042.5 |
| 25° | 1199.2 | 1193.0 | 1195.1 | 1194.4 | 1193.0 | 1177.3 | 1153.3 | 1123.9 | 1085.6 | 1077.4 | 1054.2 |
| 27.5° | 1260.1 | 1261.4 | 1260.7 | 1258.0 | 1253.9 | 1236.8 | 1202.6 | 1162.9 | 1115.0 | 1106.8 | 1076.7 |
| 30° | 1323.7 | 1325.0 | 1329.1 | 1327.1 | 1324.4 | 1298.4 | 1256.0 | 1212.9 | 1154.7 | 1143.8 | 1106.8 |
| 32.5° | 1397.6 | 1402.3 | 1405.8 | 1406.4 | 1395.5 | 1359.9 | 1310.0 | 1255.3 | 1193.7 | 1182.8 | 1136.9 |
| 35° | 1483.1 | 1480.3 | 1486.5 | 1483.7 | 1464.6 | 1416.0 | 1354.5 | 1289.5 | 1226.5 | 1212.2 | 1162.9 |
| 37.5° | 1569.3 | 1572.7 | 1566.5 | 1554.9 | 1524.8 | 1461.2 | 1385.2 | 1312.0 | 1242.3 | 1228.6 | 1177.3 |
| 40° | 1652.7 | 1650.7 | 1636.3 | 1616.5 | 1571.3 | 1489.9 | 1402.3 | 1322.3 | 1247.7 | 1233.4 | 1180.7 |
| 42.5° | 1715.0 | 1709.5 | 1687.6 | 1655.5 | 1597.3 | 1503.6 | 1407.1 | 1322.3 | 1244.3 | 1229.3 | 1175.9 |
| 45° | 1742.3 | 1736.9 | 1715.6 | 1674.6 | 1605.5 | 1500.9 | 1398.9 | 1310.7 | 1232.7 | 1219.7 | 1166.3 |
| 47.5° | 1742.3 | 1740.3 | 1717.0 | 1677.3 | 1603.5 | 1493.3 | 1386.6 | 1296.3 | 1221.1 | 1208.1 | 1158.1 |
| 50° | 1728.6 | 1727.3 | 1706.8 | 1667.8 | 1596.6 | 1489.2 | 1383.2 | 1293.6 | 1220.4 | 1207.4 | 1161.6 |
| 52.5° | 1774.5 | 1765.6 | 1744.4 | 1699.2 | 1621.9 | 1506.3 | 1400.3 | 1307.3 | 1236.8 | 1223.8 | 1176.6 |
| 55° | 2332.0 | 2324.5 | 2217.1 | 2028.3 | 1830.6 | 1650.0 | 1495.4 | 1388.7 | 1317.5 | 1297.7 | 1263.5 |
| 57.5° | 3233.6 | 3222.7 | 3112.5 | 2940.8 | 2600.8 | 2214.3 | 1911.3 | 1733.4 | 1633.6 | 1619.2 | 1598.7 |
| 60° | 3599.6 | 3595.5 | 3549.0 | 3479.2 | 3350.6 | 3150.8 | 2869.0 | 2573.5 | 2343.6 | 2306.7 | 2309.4 |
| 62.5° | 3809.6 | 3799.3 | 3776.8 | 3759.7 | 3715.9 | 3634.5 | 3581.8 | 3499.0 | 3387.5 | 3362.2 | 3202.1 |
| 65° | 3927.2 | 3925.9 | 3938.2 | 3952.6 | 3949.8 | 3974.4 | 4001.1 | 4159.1 | 4344.5 | 4336.3 | 4167.4 |
| 67.5° | 3752.1 | 3763.8 | 3828.1 | 3926.6 | 4029.9 | 4139.3 | 4343.2 | 4659.9 | 4889.1 | 4889.1 | 4740.6 |
| 70° | 2697.3 | 2695.2 | 2866.3 | 3178.2 | 3455.9 | 3865.0 | 4240.6 | 4762.5 | 5137.4 | 5157.2 | 4999.9 |
| 72.5° | 1616.5 | 1654.1 | 1759.4 | 1901.0 | 2137.0 | 2632.3 | 3330.7 | 4268.6 | 4791.9 | 4813.1 | 4625.0 |
| 75° | 1135.6 | 1107.5 | 1103.4 | 1111.6 | 1152.0 | 1273.7 | 1658.2 | 2620.0 | 3473.7 | 3506.5 | 3324.6 |
| 77.5° | 726.5 | 720.3 | 723.1 | 732.0 | 734.0 | 745.6 | 764.1 | 898.2 | 1610.3 | 1767.6 | 1759.4 |
| 80° | 626.6 | 624.6 | 625.2 | 615.0 | 595.1 | 587.6 | 610.9 | 592.4 | 575.3 | 599.2 | 566.4 |
| 82.5° | 420.0 | 427.5 | 439.9 | 456.3 | 496.0 | 509.6 | 502.1 | 498.7 | 444.6 | 432.3 | 383.8 |
| 85° | 311.3 | 307.1 | 311.9 | 311.9 | 301.7 | 291.4 | 298.9 | 291.4 | 257.9 | 241.5 | 213.4 |
| 87.5° | 168.3 | 169.0 | 182.6 | 188.1 | 187.4 | 160.1 | 132.0 | 114.2 | 103.3 | 95.8 | 80.7 |
| 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-E02-LED-E-U-SL4-7050

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 |
| 2.5° | 1173.9 | 1171.8 | 1172.5 | 1172.5 | 1171.8 | 1173.2 | 1171.1 | 1170.4 | 1171.1 | 1171.1 | 1171.1 |
| 5° | 1162.2 | 1159.5 | 1159.5 | 1158.8 | 1157.4 | 1157.4 | 1154.7 | 1154.0 | 1152.7 | 1154.7 | 1153.3 |
| 7.5° | 1145.8 | 1141.7 | 1138.3 | 1135.6 | 1134.2 | 1132.1 | 1128.7 | 1127.3 | 1126.0 | 1125.3 | 1123.9 |
| 10° | 1126.0 | 1121.2 | 1114.4 | 1108.9 | 1106.1 | 1100.7 | 1096.6 | 1091.1 | 1091.1 | 1088.4 | 1085.6 |
| 12.5° | 1102.0 | 1095.2 | 1088.4 | 1080.8 | 1076.0 | 1068.5 | 1061.7 | 1055.5 | 1050.7 | 1044.6 | 1040.5 |
| 15° | 1078.1 | 1067.8 | 1060.3 | 1052.8 | 1043.9 | 1033.6 | 1025.4 | 1015.8 | 1007.0 | 997.4 | 994.6 |
| 17.5° | 1052.1 | 1043.9 | 1037.1 | 1028.2 | 1018.6 | 1006.3 | 995.3 | 979.6 | 968.6 | 957.0 | 948.1 |
| 20° | 1035.0 | 1025.4 | 1017.9 | 1009.7 | 999.4 | 985.1 | 970.7 | 952.9 | 936.5 | 919.4 | 906.4 |
| 22.5° | 1026.1 | 1010.4 | 1003.5 | 996.0 | 985.7 | 970.0 | 953.6 | 931.7 | 911.2 | 888.6 | 868.1 |
| 25° | 1029.5 | 1008.3 | 994.6 | 986.4 | 977.5 | 961.8 | 940.6 | 916.0 | 892.7 | 864.0 | 840.7 |
| 27.5° | 1044.6 | 1015.8 | 994.6 | 981.0 | 971.4 | 955.0 | 933.1 | 905.0 | 877.0 | 846.9 | 818.8 |
| 30° | 1064.4 | 1028.2 | 1000.8 | 981.0 | 966.6 | 948.8 | 924.9 | 894.8 | 864.0 | 830.5 | 798.3 |
| 32.5° | 1087.0 | 1042.5 | 1009.7 | 982.3 | 959.1 | 936.5 | 911.9 | 880.4 | 848.2 | 812.7 | 781.2 |
| 35° | 1104.8 | 1053.5 | 1015.8 | 979.6 | 948.8 | 920.8 | 892.0 | 862.6 | 830.5 | 796.9 | 763.4 |
| 37.5° | 1115.0 | 1060.3 | 1015.8 | 970.0 | 932.4 | 903.0 | 872.9 | 844.1 | 813.4 | 780.5 | 751.1 |
| 40° | 1119.1 | 1063.0 | 1011.7 | 959.1 | 915.3 | 881.8 | 853.7 | 824.3 | 796.9 | 768.2 | 742.2 |
| 42.5° | 1117.1 | 1061.0 | 1006.3 | 948.8 | 901.6 | 865.3 | 834.6 | 807.2 | 784.6 | 760.7 | 738.8 |
| 45° | 1108.9 | 1054.2 | 1000.8 | 944.0 | 896.8 | 859.9 | 828.4 | 802.4 | 781.2 | 759.3 | 742.2 |
| 47.5° | 1102.0 | 1051.4 | 1004.2 | 955.6 | 910.5 | 872.9 | 838.7 | 809.9 | 792.2 | 775.1 | 764.1 |
| 50° | 1107.5 | 1058.9 | 1011.7 | 965.9 | 922.1 | 883.8 | 848.9 | 822.3 | 812.0 | 809.3 | 805.8 |
| 52.5° | 1122.6 | 1074.7 | 1035.0 | 1002.8 | 983.0 | 968.6 | 933.1 | 926.9 | 918.0 | 913.2 | 901.6 |
| 55° | 1220.4 | 1200.5 | 1236.1 | 1275.1 | 1281.9 | 1325.0 | 1342.1 | 1343.5 | 1328.5 | 1275.1 | 1150.6 |
| 57.5° | 1618.5 | 1667.8 | 1682.8 | 1773.1 | 1797.7 | 1778.6 | 1752.6 | 1751.2 | 1704.7 | 1634.2 | 1453.0 |
| 60° | 2329.9 | 2303.9 | 2271.8 | 2213.0 | 2157.6 | 2098.0 | 2016.0 | 1953.0 | 1893.5 | 1785.4 | 1594.6 |
| 62.5° | 3074.2 | 2847.8 | 2682.9 | 2514.0 | 2377.1 | 2257.4 | 2138.4 | 2037.2 | 1940.7 | 1790.9 | 1586.4 |
| 65° | 3720.0 | 3258.9 | 2924.4 | 2670.6 | 2458.5 | 2283.4 | 2125.4 | 1987.2 | 1865.5 | 1678.0 | 1470.8 |
| 67.5° | 4140.0 | 3477.1 | 2977.1 | 2598.1 | 2298.5 | 2075.5 | 1842.9 | 1624.7 | 1505.0 | 1353.8 | 1248.4 |
| 70° | 4247.4 | 3323.2 | 2625.5 | 2139.8 | 1736.2 | 1470.1 | 1195.8 | 957.7 | 847.6 | 805.2 | 808.6 |
| 72.5° | 3831.5 | 2626.8 | 1861.4 | 1361.3 | 1065.8 | 844.8 | 686.8 | 528.1 | 412.5 | 346.1 | 337.9 |
| 75° | 2503.0 | 1461.9 | 883.8 | 615.7 | 489.8 | 389.9 | 307.1 | 258.6 | 223.0 | 179.9 | 150.5 |
| 77.5° | 946.1 | 556.8 | 396.8 | 323.6 | 239.4 | 166.9 | 130.0 | 109.5 | 100.6 | 97.8 | 88.2 |
| 80° | 485.0 | 386.5 | 276.4 | 182.0 | 127.2 | 101.9 | 85.5 | 72.5 | 67.0 | 64.3 | 65.7 |
| 82.5° | 327.0 | 243.5 | 152.5 | 109.5 | 88.2 | 75.9 | 60.2 | 50.6 | 45.1 | 44.5 | 47.9 |
| 85° | 182.0 | 121.8 | 88.9 | 73.9 | 65.0 | 56.8 | 45.8 | 37.6 | 34.9 | 36.9 | 43.1 |
| 87.5° | 56.8 | 56.1 | 40.4 | 32.8 | 34.2 | 29.4 | 21.9 | 16.4 | 16.4 | 21.2 | 30.1 |
| 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: P141351

CATALOG NUMBER: MEM-E02-LED-E-U-SL4-7050

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 |
| 2.5° | 1171.1 | 1172.5 | 1175.2 | 1173.2 | 1173.9 | 1174.5 | 1176.6 | 1179.3 | 1177.3 | 1175.9 | 1180.0 |
| 5° | 1154.7 | 1154.7 | 1158.1 | 1156.8 | 1159.5 | 1162.2 | 1163.6 | 1168.4 | 1167.0 | 1165.7 | 1171.1 |
| 7.5° | 1124.6 | 1125.3 | 1130.1 | 1128.7 | 1134.2 | 1134.9 | 1140.3 | 1144.4 | 1144.4 | 1147.2 | 1152.0 |
| 10° | 1086.3 | 1086.3 | 1090.4 | 1091.1 | 1094.5 | 1097.2 | 1103.4 | 1110.9 | 1112.3 | 1117.1 | 1123.9 |
| 12.5° | 1043.2 | 1041.8 | 1045.3 | 1045.3 | 1048.0 | 1051.4 | 1058.3 | 1067.1 | 1068.5 | 1076.0 | 1084.9 |
| 15° | 989.8 | 987.8 | 986.4 | 987.8 | 989.2 | 989.8 | 1000.1 | 1009.0 | 1014.5 | 1022.7 | 1031.6 |
| 17.5° | 938.5 | 931.0 | 927.6 | 927.6 | 928.3 | 928.3 | 932.4 | 942.6 | 950.2 | 963.2 | 976.2 |
| 20° | 892.7 | 879.7 | 874.9 | 864.0 | 861.9 | 857.1 | 860.6 | 872.2 | 885.9 | 896.1 | 906.4 |
| 22.5° | 849.6 | 835.9 | 822.3 | 809.3 | 799.0 | 792.8 | 799.0 | 806.5 | 811.3 | 819.5 | 822.3 |
| 25° | 816.8 | 794.2 | 775.1 | 754.5 | 743.6 | 738.1 | 737.4 | 736.7 | 732.6 | 731.3 | 731.3 |
| 27.5° | 790.8 | 764.1 | 735.4 | 712.8 | 697.8 | 687.5 | 675.9 | 667.7 | 657.4 | 643.7 | 636.9 |
| 30° | 768.9 | 740.2 | 708.7 | 682.0 | 662.9 | 643.0 | 619.1 | 600.6 | 582.1 | 565.7 | 551.4 |
| 32.5° | 749.1 | 719.6 | 688.9 | 660.8 | 628.0 | 593.8 | 563.7 | 541.8 | 509.6 | 487.7 | 469.3 |
| 35° | 734.0 | 704.6 | 675.9 | 638.9 | 593.8 | 550.0 | 511.0 | 478.8 | 446.0 | 417.3 | 392.7 |
| 37.5° | 723.1 | 698.4 | 667.7 | 617.7 | 560.9 | 508.3 | 467.2 | 428.9 | 389.9 | 350.9 | 320.1 |
| 40° | 719.6 | 698.4 | 659.4 | 594.5 | 529.5 | 472.7 | 425.5 | 378.3 | 335.2 | 293.5 | 262.0 |
| 42.5° | 721.7 | 699.1 | 646.4 | 573.9 | 503.5 | 441.9 | 388.6 | 333.8 | 282.5 | 238.1 | 206.6 |
| 45° | 729.2 | 699.1 | 632.8 | 551.4 | 479.5 | 413.9 | 350.2 | 285.3 | 225.7 | 190.2 | 176.5 |
| 47.5° | 751.8 | 703.9 | 621.8 | 534.9 | 458.3 | 383.1 | 307.1 | 233.3 | 182.6 | 167.6 | 167.6 |
| 50° | 786.7 | 718.3 | 620.5 | 522.6 | 434.4 | 347.5 | 253.8 | 184.0 | 161.4 | 160.8 | 164.9 |
| 52.5° | 846.2 | 743.6 | 627.3 | 514.4 | 409.1 | 299.6 | 197.7 | 158.7 | 153.9 | 158.0 | 164.2 |
| 55° | 961.8 | 788.0 | 636.9 | 499.4 | 366.7 | 234.6 | 162.1 | 150.5 | 152.5 | 157.3 | 162.8 |
| 57.5° | 1173.2 | 877.7 | 647.1 | 467.2 | 296.9 | 177.9 | 147.1 | 147.8 | 151.2 | 156.0 | 160.8 |
| 60° | 1318.9 | 988.5 | 667.7 | 413.2 | 221.0 | 147.1 | 140.9 | 146.4 | 150.5 | 153.9 | 158.0 |
| 62.5° | 1331.2 | 1028.8 | 682.7 | 352.3 | 164.2 | 134.1 | 135.4 | 143.7 | 149.1 | 150.5 | 152.5 |
| 65° | 1257.3 | 976.9 | 639.6 | 290.7 | 136.1 | 127.2 | 132.0 | 139.6 | 145.0 | 145.7 | 147.8 |
| 67.5° | 1095.9 | 868.1 | 545.9 | 221.0 | 124.5 | 122.4 | 127.9 | 132.7 | 136.8 | 140.2 | 143.0 |
| 70° | 848.9 | 708.7 | 439.2 | 171.7 | 115.6 | 114.9 | 119.7 | 125.2 | 129.3 | 132.7 | 136.8 |
| 72.5° | 447.4 | 503.5 | 327.0 | 137.5 | 106.0 | 106.7 | 111.5 | 116.3 | 119.0 | 122.4 | 126.6 |
| 75° | 138.9 | 213.4 | 201.8 | 110.1 | 94.4 | 97.1 | 99.9 | 104.0 | 108.8 | 110.8 | 112.9 |
| 77.5° | 82.1 | 86.9 | 105.3 | 86.2 | 82.1 | 84.1 | 87.6 | 91.0 | 94.4 | 97.1 | 99.2 |
| 80° | 66.4 | 67.7 | 68.4 | 68.4 | 68.4 | 71.1 | 73.9 | 78.7 | 81.4 | 82.8 | 83.5 |
| 82.5° | 52.0 | 55.4 | 56.1 | 54.7 | 56.8 | 59.5 | 60.9 | 63.6 | 64.3 | 65.7 | 67.0 |
| 85° | 43.1 | 42.4 | 43.8 | 44.5 | 41.7 | 41.7 | 40.4 | 40.4 | 43.1 | 47.9 | 48.6 |
| 87.5° | 33.5 | 29.4 | 23.9 | 22.6 | 21.2 | 19.8 | 18.5 | 18.5 | 19.2 | 21.9 | 23.9 |
| 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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CATALOG NUMBER: MEM-E02-LED-E-U-SL4-7050

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|
| 0° | 1177.3 | 1177.3 | 1177.3 | 1177.3 | 1177.3 |
| 2.5° | 1180.0 | 1179.3 | 1180.7 | 1182.8 | 1181.4 |
| 5° | 1171.8 | 1171.8 | 1174.5 | 1176.6 | 1175.2 |
| 7.5° | 1155.4 | 1156.1 | 1160.2 | 1162.9 | 1161.6 |
| 10° | 1129.4 | 1130.8 | 1135.6 | 1139.7 | 1141.7 |
| 12.5° | 1090.4 | 1095.2 | 1101.4 | 1105.5 | 1105.5 |
| 15° | 1041.2 | 1048.7 | 1055.5 | 1061.7 | 1058.3 |
| 17.5° | 985.1 | 994.0 | 1002.8 | 1006.3 | 1002.8 |
| 20° | 917.3 | 918.0 | 923.5 | 926.9 | 925.5 |
| 22.5° | 825.0 | 822.3 | 825.0 | 826.4 | 828.4 |
| 25° | 730.6 | 725.8 | 723.1 | 727.2 | 729.2 |
| 27.5° | 634.1 | 627.3 | 629.3 | 624.6 | 619.1 |
| 30° | 540.4 | 534.3 | 526.7 | 524.7 | 528.1 |
| 32.5° | 457.6 | 441.9 | 435.8 | 424.1 | 428.9 |
| 35° | 370.1 | 354.3 | 339.3 | 335.2 | 332.5 |
| 37.5° | 298.3 | 279.1 | 260.6 | 254.5 | 253.1 |
| 40° | 233.3 | 217.5 | 205.2 | 201.8 | 200.4 |
| 42.5° | 189.5 | 182.6 | 180.6 | 180.6 | 181.3 |
| 45° | 173.1 | 173.8 | 175.8 | 177.2 | 177.9 |
| 47.5° | 169.6 | 172.4 | 175.1 | 177.9 | 178.5 |
| 50° | 169.6 | 171.7 | 173.8 | 176.5 | 177.2 |
| 52.5° | 168.3 | 170.3 | 171.0 | 172.4 | 173.8 |
| 55° | 166.9 | 167.6 | 167.6 | 168.3 | 169.6 |
| 57.5° | 163.5 | 164.2 | 162.8 | 163.5 | 166.2 |
| 60° | 160.1 | 160.8 | 159.4 | 160.8 | 161.4 |
| 62.5° | 155.3 | 155.3 | 154.6 | 155.3 | 156.0 |
| 65° | 149.8 | 147.8 | 149.1 | 148.4 | 149.1 |
| 67.5° | 143.0 | 140.2 | 139.6 | 139.6 | 140.2 |
| 70° | 133.4 | 131.3 | 130.7 | 132.0 | 133.4 |
| 72.5° | 121.8 | 123.1 | 125.2 | 127.2 | 130.7 |
| 75° | 113.6 | 115.6 | 118.3 | 125.2 | 130.0 |
| 77.5° | 101.9 | 101.2 | 104.0 | 111.5 | 118.3 |
| 80° | 84.8 | 85.5 | 84.8 | 86.9 | 88.2 |
| 82.5° | 65.0 | 64.3 | 62.3 | 62.3 | 60.9 |
| 85° | 45.8 | 43.8 | 41.0 | 40.4 | 39.7 |
| 87.5° | 23.3 | 24.6 | 22.6 | 20.5 | 20.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)