

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P153522

Luminaire Tested: **TLM-E04-LED-E1-SLR-7060**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P153522  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: TLM-E04-LED-E1-SLR-7060  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (84) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: -

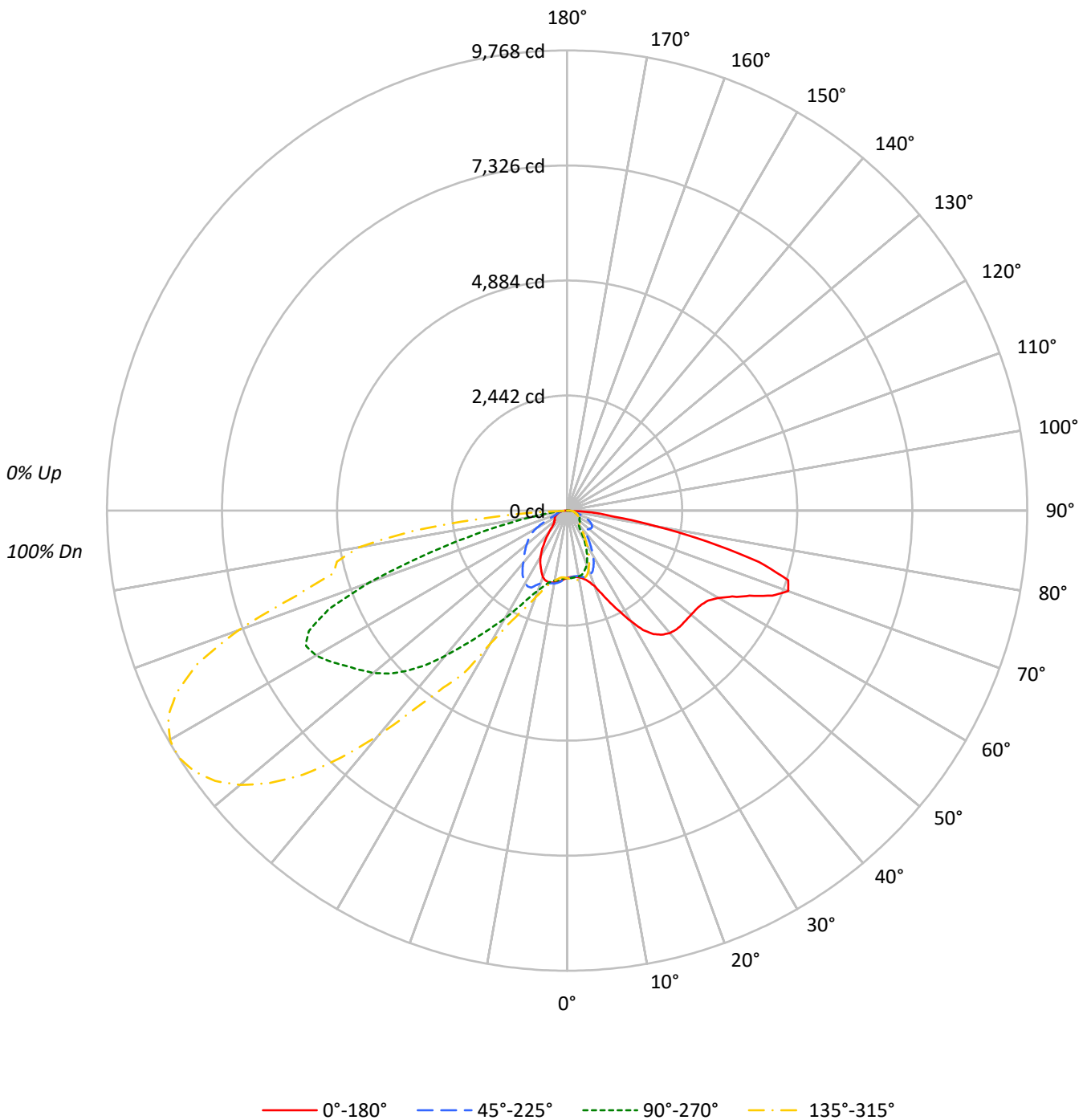
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11420.4 lumens  
Efficiency: N/A  
Efficacy: 117.5 lumens/watt  
Spacing Criteria (0/90/45): 1.93 / 2.48 / 2.48  
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 97.2  
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: 25 FT



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CATALOG NUMBER: TLM-E04-LED-E1-SLR-7060

### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |     |   |  |   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|---|--|---|
| RF  | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |    |    | 20 |    |     |   |  |   |
| RC  | 80  |     |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |    |    | 10 |    |     |   |  | 0 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 | 50 | 30 | 10  | 0 |  |   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |     |   |  |   |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |    |    | 100 |   |  |   |
| 1   | 105 | 99  | 93  | 88  | 102 | 97  | 91  | 87  | 92  | 88  | 84  | 88  | 85  | 81  | 84  | 82  | 79  | 77  |    |    |    |    | 77  |   |  |   |
| 2   | 93  | 82  | 73  | 66  | 90  | 80  | 72  | 65  | 76  | 70  | 64  | 73  | 67  | 62  | 70  | 65  | 61  | 58  |    |    |    |    | 58  |   |  |   |
| 3   | 82  | 69  | 59  | 51  | 80  | 68  | 58  | 50  | 64  | 56  | 49  | 61  | 54  | 48  | 59  | 53  | 47  | 45  |    |    |    |    | 45  |   |  |   |
| 4   | 74  | 59  | 48  | 40  | 71  | 58  | 48  | 40  | 55  | 46  | 39  | 52  | 45  | 39  | 50  | 44  | 38  | 35  |    |    |    |    | 35  |   |  |   |
| 5   | 67  | 51  | 41  | 33  | 64  | 50  | 40  | 32  | 48  | 39  | 32  | 46  | 38  | 32  | 44  | 37  | 31  | 29  |    |    |    |    | 29  |   |  |   |
| 6   | 61  | 45  | 35  | 27  | 59  | 44  | 34  | 27  | 42  | 33  | 27  | 40  | 32  | 26  | 39  | 32  | 26  | 24  |    |    |    |    | 24  |   |  |   |
| 7   | 56  | 40  | 30  | 23  | 54  | 39  | 30  | 23  | 38  | 29  | 23  | 36  | 28  | 22  | 35  | 27  | 22  | 20  |    |    |    |    | 20  |   |  |   |
| 8   | 52  | 36  | 26  | 20  | 50  | 35  | 26  | 20  | 34  | 25  | 19  | 33  | 25  | 19  | 31  | 24  | 19  | 17  |    |    |    |    | 17  |   |  |   |
| 9   | 48  | 33  | 23  | 17  | 46  | 32  | 23  | 17  | 31  | 23  | 17  | 30  | 22  | 17  | 29  | 22  | 17  | 15  |    |    |    |    | 15  |   |  |   |
| 10  | 45  | 30  | 21  | 15  | 43  | 29  | 21  | 15  | 28  | 20  | 15  | 27  | 20  | 15  | 26  | 20  | 15  | 13  |    |    |    |    | 13  |   |  |   |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°     | 90°   | 180°  | 270°   |
|-----|--------|-------|-------|--------|
| 0°  | 23057  | 23057 | 23057 | 23057  |
| 5°  | 22660  | 23057 | 24160 | 23652  |
| 10° | 23434  | 23145 | 25243 | 24596  |
| 15° | 25281  | 22528 | 26101 | 26578  |
| 20° | 29215  | 20771 | 25730 | 30853  |
| 25° | 38246  | 17535 | 23477 | 37786  |
| 30° | 50405  | 13579 | 20938 | 49034  |
| 35° | 62787  | 9285  | 16771 | 63460  |
| 40° | 71158  | 8120  | 12281 | 84385  |
| 45° | 78021  | 8518  | 9231  | 109293 |
| 50° | 85898  | 8720  | 8823  | 133975 |
| 55° | 97372  | 8929  | 9005  | 160754 |
| 60° | 119087 | 9803  | 9803  | 197687 |
| 65° | 162424 | 10195 | 10351 | 230036 |
| 70° | 234567 | 10794 | 10926 | 209375 |
| 75° | 261648 | 11378 | 12061 | 135542 |
| 80° | 178855 | 12277 | 13794 | 65817  |
| 85° | 116000 | 15134 | 16645 | 32037  |



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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 139.7   | 1.2       |
| 10°-20°   | 435.1   | 3.8       |
| 20°-30°   | 773.0   | 6.8       |
| 30°-40°   | 1217.3  | 10.7      |
| 40°-50°   | 1791.4  | 15.7      |
| 50°-60°   | 2379.5  | 20.8      |
| 60°-70°   | 2621.1  | 23.0      |
| 70°-80°   | 1644.4  | 14.4      |
| 80°-90°   | 418.8   | 3.7       |
| 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°-30°    | 1347.8  | 11.8      |
| 0°-40°    | 2565.1  | 22.5      |
| 0°-60°    | 6736.0  | 59.0      |
| 0°-90°    | 11420.4 | 100.0     |
| 90°-120°  | 0.0     | 0.0       |
| 90°-150°  | 0.0     | 0.0       |
| 90°-180°  | 0.0     | 0.0       |
| 0°-180°   | 11420.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1435 | 1435 | 1435 | 1435 | 1435 |      |
| 5°  | 1405 | 1430 | 1498 | 1467 | 1405 | 135  |
| 15° | 1520 | 1354 | 1569 | 1598 | 1520 | 440  |
| 25° | 2158 | 989  | 1324 | 2132 | 2158 | 1018 |
| 35° | 3201 | 473  | 855  | 3236 | 3201 | 1984 |
| 45° | 3434 | 375  | 406  | 4810 | 3434 | 2655 |
| 55° | 3476 | 319  | 322  | 5739 | 3476 | 3153 |
| 65° | 4273 | 268  | 272  | 6051 | 4273 | 4302 |
| 75° | 4215 | 183  | 194  | 2184 | 4215 | 4122 |
| 85° | 629  | 82   | 90   | 174  | 629  | 728  |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 |
| 2.5°  | 1416.0 | 1420.1 | 1418.8 | 1418.8 | 1421.5 | 1420.1 | 1420.1 | 1421.5 | 1421.5 | 1425.6 | 1431.1 |
| 5°    | 1405.1 | 1403.7 | 1401.0 | 1403.7 | 1403.7 | 1403.7 | 1398.2 | 1402.3 | 1403.7 | 1406.4 | 1406.4 |
| 7.5°  | 1418.8 | 1414.7 | 1409.2 | 1410.6 | 1410.6 | 1407.8 | 1403.7 | 1405.1 | 1403.7 | 1403.7 | 1402.3 |
| 10°   | 1436.5 | 1427.0 | 1420.1 | 1420.1 | 1420.1 | 1417.4 | 1410.6 | 1414.7 | 1414.7 | 1413.3 | 1414.7 |
| 12.5° | 1468.0 | 1457.1 | 1448.9 | 1446.1 | 1446.1 | 1442.0 | 1436.5 | 1442.0 | 1439.3 | 1439.3 | 1436.5 |
| 15°   | 1520.0 | 1507.7 | 1498.1 | 1489.9 | 1491.3 | 1491.3 | 1484.4 | 1480.3 | 1474.9 | 1468.0 | 1454.3 |
| 17.5° | 1598.0 | 1584.3 | 1572.0 | 1565.2 | 1566.5 | 1556.9 | 1537.8 | 1518.6 | 1492.6 | 1466.6 | 1437.9 |
| 20°   | 1708.8 | 1704.7 | 1688.3 | 1681.4 | 1665.0 | 1641.8 | 1588.4 | 1543.3 | 1492.6 | 1443.4 | 1394.1 |
| 22.5° | 1900.3 | 1881.2 | 1864.8 | 1838.8 | 1784.1 | 1719.8 | 1630.8 | 1551.5 | 1472.1 | 1402.3 | 1336.7 |
| 25°   | 2157.6 | 2123.4 | 2042.6 | 1963.3 | 1851.1 | 1736.2 | 1615.8 | 1513.2 | 1414.7 | 1323.0 | 1242.3 |
| 27.5° | 2410.7 | 2306.7 | 2163.0 | 2019.4 | 1855.2 | 1704.7 | 1554.2 | 1432.4 | 1317.5 | 1217.6 | 1128.7 |
| 30°   | 2717.1 | 2542.0 | 2321.7 | 2094.6 | 1862.0 | 1659.6 | 1479.0 | 1336.7 | 1204.0 | 1098.6 | 1005.6 |
| 32.5° | 3004.4 | 2751.3 | 2462.7 | 2164.4 | 1877.1 | 1617.1 | 1392.8 | 1231.3 | 1094.5 | 961.8  | 870.1  |
| 35°   | 3201.4 | 2873.1 | 2522.9 | 2171.2 | 1840.1 | 1536.4 | 1284.7 | 1094.5 | 957.7  | 834.6  | 726.5  |
| 37.5° | 3319.1 | 2926.5 | 2525.6 | 2122.0 | 1754.0 | 1427.0 | 1147.9 | 959.1  | 833.2  | 715.5  | 630.7  |
| 40°   | 3393.0 | 2938.8 | 2490.0 | 2050.8 | 1644.5 | 1288.8 | 1011.1 | 841.4  | 726.5  | 632.1  | 566.4  |
| 42.5° | 3428.6 | 2919.6 | 2432.6 | 1960.5 | 1533.7 | 1165.7 | 915.3  | 755.2  | 655.3  | 588.3  | 539.0  |
| 45°   | 3434.0 | 2885.4 | 2371.0 | 1878.5 | 1435.2 | 1076.7 | 849.6  | 719.6  | 637.6  | 581.5  | 532.2  |
| 47.5° | 3434.0 | 2855.3 | 2321.7 | 1818.3 | 1370.9 | 1038.4 | 844.1  | 734.7  | 654.0  | 591.0  | 532.2  |
| 50°   | 3436.8 | 2845.7 | 2301.2 | 1788.2 | 1349.0 | 1058.9 | 890.7  | 781.2  | 689.5  | 607.5  | 530.8  |
| 52.5° | 3449.1 | 2858.0 | 2317.6 | 1811.4 | 1388.7 | 1141.0 | 978.2  | 851.0  | 736.1  | 626.6  | 530.8  |
| 55°   | 3476.4 | 2899.1 | 2387.4 | 1892.1 | 1495.4 | 1265.5 | 1083.6 | 926.2  | 773.0  | 634.8  | 522.6  |
| 57.5° | 3553.1 | 3003.1 | 2514.6 | 2048.1 | 1677.3 | 1409.2 | 1179.3 | 979.6  | 786.7  | 628.0  | 506.2  |
| 60°   | 3706.3 | 3209.7 | 2732.2 | 2267.0 | 1870.2 | 1532.3 | 1235.4 | 987.8  | 774.4  | 606.1  | 480.2  |
| 62.5° | 3951.2 | 3446.3 | 2996.2 | 2505.1 | 2041.3 | 1600.7 | 1242.3 | 967.3  | 741.5  | 566.4  | 441.9  |
| 63°   | 4036.0 | 3505.2 | 3052.3 | 2550.2 | 2063.2 | 1606.2 | 1236.8 | 959.1  | 733.3  | 555.5  | 436.4  |
| 65°   | 4272.7 | 3752.8 | 3246.6 | 2708.9 | 2124.7 | 1607.6 | 1206.7 | 918.0  | 695.0  | 513.1  | 398.1  |
| 67.5° | 4714.6 | 4078.4 | 3491.5 | 2833.4 | 2146.6 | 1563.8 | 1130.1 | 841.4  | 614.3  | 447.4  | 350.2  |
| 70°   | 4993.7 | 4260.4 | 3585.9 | 2836.2 | 2082.3 | 1439.3 | 997.4  | 716.9  | 511.7  | 370.8  | 301.0  |
| 72.5° | 4921.2 | 4081.2 | 3336.9 | 2580.3 | 1804.6 | 1202.6 | 801.7  | 563.7  | 399.5  | 296.9  | 250.4  |
| 75°   | 4215.2 | 3397.1 | 2722.6 | 1998.9 | 1364.0 | 883.8  | 586.9  | 402.2  | 295.5  | 232.6  | 209.3  |
| 77.5° | 3034.5 | 2444.9 | 1952.3 | 1424.2 | 919.4  | 571.9  | 389.9  | 287.3  | 224.4  | 191.5  | 172.4  |
| 80°   | 1933.2 | 1433.8 | 1194.4 | 856.5  | 537.7  | 354.3  | 268.2  | 217.5  | 184.7  | 160.1  | 147.8  |
| 82.5° | 1009.7 | 707.3  | 574.6  | 437.8  | 298.3  | 234.0  | 197.0  | 177.9  | 151.9  | 132.7  | 125.9  |
| 85°   | 629.3  | 417.3  | 309.2  | 216.2  | 149.1  | 134.1  | 123.1  | 120.4  | 108.1  | 95.8   | 91.7   |
| 87.5° | 71.1   | 64.3   | 67.0   | 42.4   | 31.5   | 34.2   | 32.8   | 43.8   | 42.4   | 31.5   | 32.8   |
| 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°    | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 |
| 2.5°  | 1425.6 | 1428.3 | 1428.3 | 1432.4 | 1432.4 | 1435.2 | 1437.9 | 1437.9 | 1440.7 | 1442.0 | 1444.8 |
| 5°    | 1409.2 | 1409.2 | 1409.2 | 1414.7 | 1416.0 | 1424.2 | 1427.0 | 1429.7 | 1432.4 | 1442.0 | 1447.5 |
| 7.5°  | 1405.1 | 1399.6 | 1402.3 | 1402.3 | 1406.4 | 1413.3 | 1420.1 | 1424.2 | 1428.3 | 1440.7 | 1448.9 |
| 10°   | 1413.3 | 1409.2 | 1405.1 | 1405.1 | 1406.4 | 1409.2 | 1414.7 | 1418.8 | 1421.5 | 1433.8 | 1440.7 |
| 12.5° | 1435.2 | 1425.6 | 1417.4 | 1410.6 | 1405.1 | 1403.7 | 1401.0 | 1402.3 | 1405.1 | 1411.9 | 1421.5 |
| 15°   | 1439.3 | 1421.5 | 1403.7 | 1385.9 | 1372.2 | 1364.0 | 1357.2 | 1354.5 | 1354.5 | 1358.6 | 1369.5 |
| 17.5° | 1411.9 | 1381.8 | 1355.8 | 1332.6 | 1317.5 | 1302.5 | 1295.6 | 1290.2 | 1287.4 | 1292.9 | 1294.3 |
| 20°   | 1353.1 | 1317.5 | 1281.9 | 1254.6 | 1227.2 | 1223.1 | 1212.2 | 1214.9 | 1217.6 | 1225.9 | 1230.0 |
| 22.5° | 1272.4 | 1230.0 | 1186.2 | 1157.4 | 1135.6 | 1116.4 | 1104.1 | 1109.6 | 1113.7 | 1121.9 | 1126.0 |
| 25°   | 1173.9 | 1112.3 | 1065.8 | 1037.1 | 1013.8 | 997.4  | 983.7  | 989.2  | 983.7  | 993.3  | 1008.3 |
| 27.5° | 1057.6 | 985.1  | 935.8  | 903.0  | 886.6  | 872.9  | 859.2  | 859.2  | 872.9  | 872.9  | 885.2  |
| 30°   | 916.7  | 863.3  | 799.0  | 764.8  | 744.3  | 736.1  | 734.7  | 732.0  | 741.5  | 747.0  | 760.7  |
| 32.5° | 783.9  | 718.3  | 656.7  | 623.9  | 606.1  | 596.5  | 597.9  | 599.2  | 603.4  | 611.6  | 633.4  |
| 35°   | 649.9  | 592.4  | 548.6  | 511.7  | 493.9  | 476.1  | 476.1  | 473.4  | 477.5  | 487.1  | 513.1  |
| 37.5° | 563.7  | 513.1  | 478.8  | 450.1  | 432.3  | 421.4  | 411.8  | 407.7  | 407.7  | 411.8  | 421.4  |
| 40°   | 515.8  | 478.8  | 447.4  | 422.8  | 406.3  | 396.8  | 391.3  | 387.2  | 384.4  | 384.4  | 385.8  |
| 42.5° | 493.9  | 455.6  | 424.1  | 402.2  | 389.9  | 384.4  | 383.1  | 381.7  | 377.6  | 376.2  | 374.9  |
| 45°   | 483.0  | 439.2  | 403.6  | 385.8  | 376.2  | 373.5  | 374.9  | 374.9  | 373.5  | 370.8  | 365.3  |
| 47.5° | 474.7  | 424.1  | 388.6  | 372.1  | 368.0  | 368.0  | 368.0  | 368.0  | 366.7  | 365.3  | 361.2  |
| 50°   | 461.1  | 400.9  | 362.6  | 350.2  | 347.5  | 347.5  | 348.9  | 348.9  | 351.6  | 348.9  | 346.1  |
| 52.5° | 446.0  | 379.0  | 340.7  | 329.7  | 328.4  | 327.0  | 327.0  | 327.0  | 328.4  | 328.4  | 327.0  |
| 55°   | 429.6  | 362.6  | 329.7  | 321.5  | 322.9  | 321.5  | 320.1  | 318.8  | 318.8  | 317.4  | 314.7  |
| 57.5° | 413.2  | 348.9  | 321.5  | 316.0  | 317.4  | 317.4  | 314.7  | 311.9  | 310.6  | 306.5  | 303.7  |
| 60°   | 388.6  | 329.7  | 305.1  | 302.4  | 306.5  | 306.5  | 306.5  | 305.1  | 305.1  | 303.7  | 296.9  |
| 62.5° | 355.7  | 302.4  | 283.2  | 284.6  | 285.9  | 288.7  | 288.7  | 288.7  | 288.7  | 285.9  | 279.1  |
| 63°   | 348.9  | 296.9  | 279.1  | 279.1  | 283.2  | 283.2  | 284.6  | 283.2  | 284.6  | 281.8  | 273.6  |
| 65°   | 321.5  | 279.1  | 265.4  | 266.8  | 269.5  | 269.5  | 269.5  | 268.2  | 268.2  | 264.1  | 259.9  |
| 67.5° | 290.0  | 257.2  | 249.0  | 250.4  | 251.7  | 254.5  | 253.1  | 253.1  | 254.5  | 251.7  | 247.6  |
| 70°   | 254.5  | 234.0  | 228.5  | 229.8  | 231.2  | 231.2  | 229.8  | 229.8  | 231.2  | 228.5  | 224.4  |
| 72.5° | 227.1  | 218.9  | 214.8  | 214.8  | 212.1  | 212.1  | 209.3  | 208.0  | 206.6  | 206.6  | 202.5  |
| 75°   | 191.5  | 190.2  | 191.5  | 194.3  | 191.5  | 188.8  | 187.4  | 183.3  | 180.6  | 180.6  | 179.2  |
| 77.5° | 164.2  | 164.2  | 166.9  | 171.0  | 172.4  | 172.4  | 168.3  | 161.4  | 160.1  | 160.1  | 160.1  |
| 80°   | 142.3  | 139.6  | 139.6  | 143.7  | 147.8  | 146.4  | 139.6  | 132.7  | 132.7  | 139.6  | 140.9  |
| 82.5° | 124.5  | 124.5  | 120.4  | 121.8  | 120.4  | 119.0  | 112.2  | 108.1  | 106.7  | 112.2  | 117.7  |
| 85°   | 98.5   | 99.9   | 98.5   | 97.1   | 95.8   | 91.7   | 86.2   | 82.1   | 80.7   | 86.2   | 94.4   |
| 87.5° | 39.7   | 38.3   | 36.9   | 38.3   | 36.9   | 39.7   | 38.3   | 35.6   | 34.2   | 38.3   | 46.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P153522

CATALOG NUMBER: TLM-E04-LED-E1-SLR-7060

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 |
| 2.5°  | 1446.1 | 1448.9 | 1451.6 | 1451.6 | 1454.3 | 1453.0 | 1454.3 | 1455.7 | 1455.7 | 1457.1 | 1457.1 |
| 5°    | 1454.3 | 1458.4 | 1463.9 | 1469.4 | 1470.8 | 1474.9 | 1479.0 | 1476.2 | 1480.3 | 1485.8 | 1485.8 |
| 7.5°  | 1457.1 | 1466.6 | 1470.8 | 1479.0 | 1480.3 | 1485.8 | 1495.4 | 1488.5 | 1496.7 | 1500.9 | 1502.2 |
| 10°   | 1453.0 | 1462.5 | 1469.4 | 1479.0 | 1483.1 | 1492.6 | 1502.2 | 1499.5 | 1509.1 | 1515.9 | 1517.3 |
| 12.5° | 1428.3 | 1437.9 | 1453.0 | 1466.6 | 1477.6 | 1492.6 | 1510.4 | 1505.0 | 1518.6 | 1526.8 | 1530.9 |
| 15°   | 1380.5 | 1390.0 | 1406.4 | 1428.3 | 1448.9 | 1472.1 | 1495.4 | 1499.5 | 1513.2 | 1522.7 | 1526.8 |
| 17.5° | 1305.2 | 1317.5 | 1335.3 | 1358.6 | 1384.6 | 1424.2 | 1454.3 | 1469.4 | 1488.5 | 1494.0 | 1500.9 |
| 20°   | 1235.4 | 1247.7 | 1258.7 | 1272.4 | 1291.5 | 1329.8 | 1369.5 | 1399.6 | 1424.2 | 1444.8 | 1450.2 |
| 22.5° | 1142.4 | 1153.3 | 1167.0 | 1178.0 | 1191.7 | 1219.0 | 1251.8 | 1286.1 | 1324.4 | 1336.7 | 1350.4 |
| 25°   | 1030.2 | 1037.1 | 1056.2 | 1063.0 | 1072.6 | 1095.9 | 1121.9 | 1146.5 | 1183.4 | 1209.4 | 1216.3 |
| 27.5° | 909.8  | 916.7  | 934.4  | 938.5  | 950.9  | 972.7  | 991.9  | 1001.5 | 1035.7 | 1063.0 | 1084.9 |
| 30°   | 770.3  | 788.0  | 809.9  | 812.7  | 826.4  | 840.0  | 857.8  | 867.4  | 898.9  | 927.6  | 955.0  |
| 32.5° | 649.9  | 667.7  | 685.4  | 696.4  | 703.2  | 714.2  | 732.0  | 741.5  | 771.6  | 797.6  | 825.0  |
| 35°   | 526.7  | 548.6  | 567.8  | 582.8  | 588.3  | 602.0  | 615.7  | 625.2  | 656.7  | 680.0  | 699.1  |
| 37.5° | 433.7  | 450.1  | 470.6  | 485.7  | 500.7  | 510.3  | 526.7  | 540.4  | 559.6  | 571.9  | 592.4  |
| 40°   | 388.6  | 396.8  | 407.7  | 420.0  | 432.3  | 443.3  | 455.6  | 466.5  | 478.8  | 495.3  | 508.9  |
| 42.5° | 373.5  | 374.9  | 374.9  | 379.0  | 385.8  | 391.3  | 402.2  | 410.4  | 418.7  | 431.0  | 437.8  |
| 45°   | 362.6  | 361.2  | 358.5  | 355.7  | 357.1  | 359.8  | 366.7  | 372.1  | 381.7  | 387.2  | 388.6  |
| 47.5° | 357.1  | 351.6  | 346.1  | 342.0  | 340.7  | 342.0  | 347.5  | 353.0  | 358.5  | 362.6  | 363.9  |
| 50°   | 339.3  | 335.2  | 327.0  | 321.5  | 318.8  | 321.5  | 328.4  | 331.1  | 336.6  | 340.7  | 342.0  |
| 52.5° | 321.5  | 316.0  | 310.6  | 305.1  | 305.1  | 306.5  | 311.9  | 317.4  | 322.9  | 324.2  | 327.0  |
| 55°   | 310.6  | 302.4  | 296.9  | 292.8  | 290.0  | 294.2  | 298.3  | 305.1  | 311.9  | 313.3  | 316.0  |
| 57.5° | 299.6  | 291.4  | 285.9  | 281.8  | 279.1  | 283.2  | 287.3  | 296.9  | 305.1  | 305.1  | 305.1  |
| 60°   | 292.8  | 285.9  | 277.7  | 273.6  | 269.5  | 273.6  | 279.1  | 288.7  | 296.9  | 295.5  | 294.2  |
| 62.5° | 273.6  | 266.8  | 262.7  | 262.7  | 258.6  | 265.4  | 270.9  | 281.8  | 283.2  | 280.5  | 277.7  |
| 63°   | 268.2  | 262.7  | 259.9  | 259.9  | 257.2  | 264.1  | 269.5  | 279.1  | 279.1  | 276.4  | 273.6  |
| 65°   | 254.5  | 250.4  | 247.6  | 250.4  | 250.4  | 257.2  | 258.6  | 265.4  | 264.1  | 259.9  | 258.6  |
| 67.5° | 243.5  | 240.8  | 238.1  | 238.1  | 238.1  | 239.4  | 240.8  | 243.5  | 242.2  | 240.8  | 242.2  |
| 70°   | 225.7  | 224.4  | 221.6  | 221.6  | 220.3  | 220.3  | 220.3  | 221.6  | 221.6  | 223.0  | 224.4  |
| 72.5° | 203.9  | 201.1  | 201.1  | 202.5  | 199.7  | 201.1  | 202.5  | 201.1  | 203.9  | 203.9  | 205.2  |
| 75°   | 179.2  | 177.9  | 180.6  | 183.3  | 182.0  | 182.0  | 183.3  | 183.3  | 184.7  | 184.7  | 186.1  |
| 77.5° | 160.1  | 161.4  | 162.8  | 165.5  | 166.9  | 166.9  | 166.9  | 165.5  | 166.9  | 166.9  | 168.3  |
| 80°   | 142.3  | 145.0  | 147.8  | 150.5  | 151.9  | 151.9  | 151.9  | 150.5  | 150.5  | 150.5  | 150.5  |
| 82.5° | 128.6  | 132.7  | 135.4  | 136.8  | 136.8  | 136.8  | 136.8  | 136.8  | 136.8  | 134.1  | 131.3  |
| 85°   | 108.1  | 116.3  | 116.3  | 117.7  | 113.6  | 110.8  | 108.1  | 109.5  | 110.8  | 105.3  | 104.0  |
| 87.5° | 54.7   | 54.7   | 57.5   | 60.2   | 61.6   | 61.6   | 69.8   | 65.7   | 64.3   | 62.9   | 60.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





TEST NUMBER: P153522

CATALOG NUMBER: TLM-E04-LED-E1-SLR-7060

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 |
| 2.5°  | 1458.4 | 1457.1 | 1459.8 | 1457.1 | 1458.4 | 1459.8 | 1457.1 | 1461.2 | 1463.9 | 1459.8 | 1455.7 |
| 5°    | 1488.5 | 1488.5 | 1495.4 | 1498.1 | 1499.5 | 1507.7 | 1503.6 | 1506.3 | 1509.1 | 1507.7 | 1509.1 |
| 7.5°  | 1507.7 | 1513.2 | 1520.0 | 1526.8 | 1528.2 | 1535.1 | 1533.7 | 1537.8 | 1540.5 | 1547.4 | 1547.4 |
| 10°   | 1524.1 | 1530.9 | 1540.5 | 1547.4 | 1554.2 | 1559.7 | 1562.4 | 1570.6 | 1572.0 | 1577.5 | 1577.5 |
| 12.5° | 1539.2 | 1547.4 | 1556.9 | 1567.9 | 1574.7 | 1585.7 | 1587.0 | 1599.4 | 1603.5 | 1604.8 | 1600.7 |
| 15°   | 1536.4 | 1546.0 | 1556.9 | 1569.3 | 1581.6 | 1595.3 | 1603.5 | 1615.8 | 1622.6 | 1625.4 | 1618.5 |
| 17.5° | 1510.4 | 1518.6 | 1532.3 | 1548.7 | 1563.8 | 1581.6 | 1596.6 | 1614.4 | 1625.4 | 1628.1 | 1626.7 |
| 20°   | 1459.8 | 1465.3 | 1483.1 | 1505.0 | 1522.7 | 1550.1 | 1572.0 | 1599.4 | 1617.1 | 1630.8 | 1634.9 |
| 22.5° | 1359.9 | 1373.6 | 1391.4 | 1416.0 | 1442.0 | 1476.2 | 1507.7 | 1547.4 | 1585.7 | 1618.5 | 1651.3 |
| 25°   | 1239.5 | 1264.2 | 1291.5 | 1324.4 | 1355.8 | 1391.4 | 1427.0 | 1472.1 | 1528.2 | 1596.6 | 1674.6 |
| 27.5° | 1117.8 | 1160.2 | 1194.4 | 1236.8 | 1273.7 | 1309.3 | 1349.0 | 1398.2 | 1459.8 | 1541.9 | 1641.8 |
| 30°   | 994.6  | 1042.5 | 1079.5 | 1128.7 | 1178.0 | 1225.9 | 1265.5 | 1317.5 | 1377.7 | 1461.2 | 1570.6 |
| 32.5° | 863.3  | 911.2  | 955.0  | 1000.1 | 1054.8 | 1112.3 | 1160.2 | 1224.5 | 1288.8 | 1375.0 | 1485.8 |
| 35°   | 727.9  | 770.3  | 807.2  | 855.1  | 915.3  | 976.9  | 1039.8 | 1113.7 | 1183.4 | 1273.7 | 1391.4 |
| 37.5° | 610.2  | 640.3  | 675.9  | 718.3  | 764.8  | 830.5  | 901.6  | 989.2  | 1068.5 | 1167.0 | 1287.4 |
| 40°   | 513.1  | 529.5  | 550.0  | 585.6  | 628.0  | 692.3  | 762.1  | 855.1  | 950.9  | 1058.9 | 1175.2 |
| 42.5° | 437.8  | 446.0  | 451.5  | 474.7  | 508.9  | 571.9  | 638.9  | 729.2  | 834.6  | 952.2  | 1069.9 |
| 45°   | 388.6  | 392.7  | 394.0  | 406.3  | 431.0  | 485.7  | 555.5  | 632.1  | 733.3  | 848.2  | 971.4  |
| 47.5° | 365.3  | 369.4  | 372.1  | 374.9  | 389.9  | 432.3  | 495.3  | 567.8  | 660.8  | 766.2  | 892.0  |
| 50°   | 346.1  | 350.2  | 354.3  | 353.0  | 359.8  | 387.2  | 440.5  | 507.6  | 595.1  | 692.3  | 816.8  |
| 52.5° | 327.0  | 329.7  | 329.7  | 329.7  | 333.8  | 351.6  | 389.9  | 451.5  | 532.2  | 623.9  | 747.0  |
| 55°   | 316.0  | 318.8  | 320.1  | 321.5  | 322.9  | 332.5  | 361.2  | 410.4  | 480.2  | 565.0  | 675.9  |
| 57.5° | 305.1  | 306.5  | 309.2  | 310.6  | 313.3  | 318.8  | 336.6  | 372.1  | 431.0  | 502.1  | 595.1  |
| 60°   | 295.5  | 298.3  | 303.7  | 305.1  | 307.8  | 309.2  | 317.4  | 339.3  | 377.6  | 432.3  | 507.6  |
| 62.5° | 280.5  | 284.6  | 290.0  | 291.4  | 294.2  | 295.5  | 296.9  | 309.2  | 327.0  | 359.8  | 415.9  |
| 63°   | 276.4  | 280.5  | 287.3  | 288.7  | 290.0  | 290.0  | 291.4  | 299.6  | 316.0  | 344.8  | 385.8  |
| 65°   | 261.3  | 266.8  | 270.9  | 272.3  | 273.6  | 273.6  | 272.3  | 275.0  | 276.4  | 288.7  | 313.3  |
| 67.5° | 244.9  | 249.0  | 251.7  | 253.1  | 251.7  | 253.1  | 251.7  | 249.0  | 246.3  | 249.0  | 259.9  |
| 70°   | 228.5  | 231.2  | 231.2  | 232.6  | 234.0  | 235.3  | 232.6  | 229.8  | 227.1  | 225.7  | 232.6  |
| 72.5° | 209.3  | 212.1  | 212.1  | 213.4  | 213.4  | 216.2  | 216.2  | 214.8  | 214.8  | 216.2  | 217.5  |
| 75°   | 190.2  | 192.9  | 191.5  | 194.3  | 194.3  | 198.4  | 198.4  | 199.7  | 202.5  | 201.1  | 199.7  |
| 77.5° | 172.4  | 173.8  | 173.8  | 175.1  | 176.5  | 183.3  | 187.4  | 188.8  | 188.8  | 186.1  | 183.3  |
| 80°   | 153.2  | 153.2  | 150.5  | 149.1  | 150.5  | 157.3  | 165.5  | 166.9  | 171.0  | 169.6  | 171.0  |
| 82.5° | 128.6  | 123.1  | 119.0  | 119.0  | 121.8  | 125.9  | 128.6  | 131.3  | 134.1  | 134.1  | 136.8  |
| 85°   | 98.5   | 93.0   | 88.9   | 90.3   | 94.4   | 95.8   | 94.4   | 94.4   | 99.9   | 104.0  | 99.9   |
| 87.5° | 58.8   | 53.4   | 50.6   | 46.5   | 47.9   | 52.0   | 50.6   | 46.5   | 47.9   | 38.3   | 35.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P153522

CATALOG NUMBER: TLM-E04-LED-E1-SLR-7060

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 |
| 2.5°  | 1458.4 | 1457.1 | 1454.3 | 1450.2 | 1448.9 | 1446.1 | 1447.5 | 1443.4 | 1440.7 | 1437.9 | 1433.8 |
| 5°    | 1509.1 | 1509.1 | 1500.9 | 1500.9 | 1496.7 | 1495.4 | 1485.8 | 1481.7 | 1473.5 | 1476.2 | 1466.6 |
| 7.5°  | 1544.6 | 1548.7 | 1539.2 | 1537.8 | 1532.3 | 1530.9 | 1518.6 | 1514.5 | 1507.7 | 1505.0 | 1496.7 |
| 10°   | 1570.6 | 1570.6 | 1558.3 | 1548.7 | 1541.9 | 1535.1 | 1522.7 | 1517.3 | 1511.8 | 1513.2 | 1507.7 |
| 12.5° | 1591.1 | 1581.6 | 1563.8 | 1550.1 | 1540.5 | 1533.7 | 1524.1 | 1520.0 | 1518.6 | 1528.2 | 1529.6 |
| 15°   | 1607.6 | 1593.9 | 1572.0 | 1562.4 | 1554.2 | 1552.8 | 1552.8 | 1556.9 | 1566.5 | 1584.3 | 1598.0 |
| 17.5° | 1617.1 | 1608.9 | 1598.0 | 1595.3 | 1608.9 | 1617.1 | 1628.1 | 1640.4 | 1654.1 | 1678.7 | 1693.8 |
| 20°   | 1634.9 | 1640.4 | 1648.6 | 1659.6 | 1681.4 | 1702.0 | 1715.6 | 1733.4 | 1749.9 | 1780.0 | 1804.6 |
| 22.5° | 1681.4 | 1712.9 | 1738.9 | 1760.8 | 1793.6 | 1822.4 | 1840.1 | 1864.8 | 1877.1 | 1897.6 | 1935.9 |
| 25°   | 1741.6 | 1805.9 | 1860.7 | 1907.2 | 1957.8 | 1987.9 | 2012.5 | 2044.0 | 2063.2 | 2097.4 | 2131.6 |
| 27.5° | 1723.9 | 1815.5 | 1897.6 | 1983.8 | 2053.6 | 2131.6 | 2186.3 | 2238.3 | 2271.1 | 2321.7 | 2366.9 |
| 30°   | 1669.1 | 1778.6 | 1889.4 | 2003.0 | 2113.8 | 2226.0 | 2329.9 | 2424.3 | 2496.9 | 2569.4 | 2643.2 |
| 32.5° | 1595.3 | 1721.1 | 1856.6 | 1996.1 | 2141.1 | 2297.1 | 2440.8 | 2583.0 | 2703.4 | 2808.8 | 2911.4 |
| 35°   | 1510.4 | 1652.7 | 1793.6 | 1966.0 | 2145.2 | 2343.6 | 2543.4 | 2740.4 | 2923.7 | 3109.8 | 3235.7 |
| 37.5° | 1409.2 | 1554.2 | 1711.5 | 1909.9 | 2120.6 | 2365.5 | 2620.0 | 2877.2 | 3137.1 | 3387.5 | 3605.1 |
| 40°   | 1301.1 | 1448.9 | 1614.4 | 1829.2 | 2067.3 | 2351.8 | 2669.2 | 3015.4 | 3372.5 | 3735.0 | 4023.7 |
| 42.5° | 1205.3 | 1357.2 | 1537.8 | 1755.3 | 2013.9 | 2334.0 | 2708.9 | 3134.4 | 3570.8 | 4019.6 | 4443.7 |
| 45°   | 1112.3 | 1279.2 | 1469.4 | 1703.3 | 1990.6 | 2347.7 | 2767.7 | 3245.2 | 3748.7 | 4293.2 | 4810.4 |
| 47.5° | 1028.8 | 1198.5 | 1383.2 | 1639.0 | 1956.4 | 2354.6 | 2825.2 | 3356.0 | 3917.0 | 4506.7 | 5121.0 |
| 50°   | 953.6  | 1117.8 | 1299.7 | 1556.9 | 1903.1 | 2350.5 | 2877.2 | 3455.9 | 4062.0 | 4674.9 | 5360.4 |
| 52.5° | 879.7  | 1046.6 | 1232.7 | 1477.6 | 1837.4 | 2327.2 | 2901.8 | 3538.0 | 4196.1 | 4844.6 | 5553.3 |
| 55°   | 807.2  | 971.4  | 1158.8 | 1402.3 | 1751.2 | 2267.0 | 2899.1 | 3591.4 | 4302.8 | 5004.7 | 5739.3 |
| 57.5° | 722.4  | 878.3  | 1061.7 | 1318.9 | 1659.6 | 2174.0 | 2858.0 | 3616.0 | 4394.5 | 5163.4 | 5962.4 |
| 60°   | 617.0  | 763.4  | 939.9  | 1197.1 | 1539.2 | 2054.9 | 2771.9 | 3602.3 | 4447.8 | 5281.0 | 6152.5 |
| 62.5° | 487.1  | 614.3  | 775.7  | 1027.5 | 1388.7 | 1883.9 | 2610.4 | 3477.8 | 4363.0 | 5264.6 | 6241.5 |
| 63°   | 459.7  | 580.1  | 737.4  | 986.4  | 1324.4 | 1837.4 | 2562.5 | 3428.6 | 4322.0 | 5230.4 | 6229.1 |
| 65°   | 369.4  | 447.4  | 573.3  | 796.3  | 1108.2 | 1608.9 | 2324.5 | 3175.5 | 4101.7 | 4989.6 | 6051.3 |
| 67.5° | 283.2  | 322.9  | 389.9  | 545.9  | 783.9  | 1265.5 | 1882.6 | 2691.1 | 3559.9 | 4394.5 | 5478.0 |
| 70°   | 242.2  | 259.9  | 288.7  | 362.6  | 498.0  | 799.0  | 1321.6 | 2007.1 | 2759.5 | 3483.3 | 4457.4 |
| 72.5° | 220.3  | 228.5  | 243.5  | 275.0  | 342.0  | 478.8  | 842.8  | 1306.6 | 1877.1 | 2483.2 | 3235.7 |
| 75°   | 202.5  | 209.3  | 221.6  | 238.1  | 262.7  | 318.8  | 480.2  | 799.0  | 1220.4 | 1630.8 | 2183.6 |
| 77.5° | 184.7  | 188.8  | 202.5  | 217.5  | 234.0  | 262.7  | 317.4  | 459.7  | 701.9  | 961.8  | 1316.2 |
| 80°   | 169.6  | 166.9  | 176.5  | 201.1  | 217.5  | 234.0  | 250.4  | 298.3  | 399.5  | 526.7  | 711.4  |
| 82.5° | 135.4  | 138.2  | 146.4  | 171.0  | 177.9  | 173.8  | 176.5  | 184.7  | 223.0  | 243.5  | 363.9  |
| 85°   | 91.7   | 84.8   | 83.5   | 86.2   | 86.2   | 82.1   | 82.1   | 80.7   | 88.9   | 101.2  | 173.8  |
| 87.5° | 24.6   | 12.3   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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):**

|       | 275°   | 280°   | 285°   | 290°   | 295°    | 300°    | 305°    | 310°    | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|---------|---------|---------|---------|--------|--------|--------|
| 0°    | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2  | 1435.2  | 1435.2  | 1435.2  | 1435.2 | 1435.2 | 1435.2 |
| 2.5°  | 1431.1 | 1429.7 | 1431.1 | 1424.2 | 1424.2  | 1422.9  | 1421.5  | 1418.8  | 1418.8 | 1413.3 | 1417.4 |
| 5°    | 1458.4 | 1455.7 | 1450.2 | 1442.0 | 1437.9  | 1432.4  | 1432.4  | 1427.0  | 1422.9 | 1417.4 | 1418.8 |
| 7.5°  | 1489.9 | 1491.3 | 1481.7 | 1474.9 | 1472.1  | 1466.6  | 1468.0  | 1459.8  | 1461.2 | 1457.1 | 1454.3 |
| 10°   | 1507.7 | 1507.7 | 1510.4 | 1509.1 | 1511.8  | 1511.8  | 1515.9  | 1510.4  | 1507.7 | 1503.6 | 1503.6 |
| 12.5° | 1536.4 | 1541.9 | 1552.8 | 1552.8 | 1561.0  | 1563.8  | 1565.2  | 1567.9  | 1562.4 | 1559.7 | 1550.1 |
| 15°   | 1607.6 | 1621.2 | 1630.8 | 1644.5 | 1660.9  | 1666.4  | 1666.4  | 1660.9  | 1658.2 | 1654.1 | 1636.3 |
| 17.5° | 1725.2 | 1755.3 | 1763.5 | 1785.4 | 1788.2  | 1795.0  | 1814.2  | 1803.2  | 1796.4 | 1767.6 | 1762.2 |
| 20°   | 1845.6 | 1883.9 | 1922.2 | 1949.6 | 1963.3  | 1990.6  | 1994.7  | 1989.3  | 1961.9 | 1934.6 | 1922.2 |
| 22.5° | 1990.6 | 2048.1 | 2091.9 | 2134.3 | 2154.8  | 2168.5  | 2198.6  | 2191.8  | 2169.9 | 2128.8 | 2112.4 |
| 25°   | 2195.9 | 2267.0 | 2313.5 | 2365.5 | 2392.9  | 2406.6  | 2436.7  | 2436.7  | 2413.4 | 2401.1 | 2399.7 |
| 27.5° | 2454.4 | 2542.0 | 2618.6 | 2636.4 | 2707.6  | 2724.0  | 2752.7  | 2752.7  | 2730.8 | 2715.8 | 2788.3 |
| 30°   | 2741.8 | 2833.4 | 2966.1 | 3055.1 | 3141.3  | 3226.1  | 3224.7  | 3230.2  | 3256.2 | 3269.9 | 3301.3 |
| 32.5° | 3029.1 | 3142.6 | 3283.5 | 3476.4 | 3661.1  | 3818.5  | 4022.3  | 4152.3  | 4112.6 | 4001.8 | 3958.0 |
| 35°   | 3377.9 | 3503.8 | 3674.8 | 3869.1 | 4207.0  | 4410.9  | 4509.4  | 4579.2  | 4587.4 | 4602.4 | 4633.9 |
| 37.5° | 3766.5 | 3977.2 | 4175.6 | 4395.8 | 4583.3  | 4830.9  | 5059.4  | 5242.7  | 5285.1 | 5371.3 | 5322.1 |
| 40°   | 4257.7 | 4493.0 | 4700.9 | 4985.5 | 5237.2  | 5535.5  | 5862.5  | 6114.2  | 6215.5 | 6182.6 | 5936.4 |
| 42.5° | 4772.1 | 5063.5 | 5307.0 | 5642.2 | 5969.2  | 6363.2  | 6701.2  | 7052.8  | 7115.7 | 6862.6 | 6494.6 |
| 45°   | 5245.5 | 5606.6 | 5909.0 | 6257.9 | 6657.4  | 7129.4  | 7580.9  | 7942.1  | 7929.7 | 7496.0 | 7003.5 |
| 47.5° | 5670.9 | 6114.2 | 6483.6 | 6937.8 | 7367.4  | 7929.7  | 8448.3  | 8715.1  | 8557.7 | 8044.7 | 7441.3 |
| 50°   | 6022.6 | 6575.3 | 7030.9 | 7490.6 | 8036.5  | 8713.7  | 9213.1  | 9363.6  | 9059.8 | 8501.6 | 7866.8 |
| 52.5° | 6305.8 | 6999.4 | 7511.1 | 8040.6 | 8730.1  | 9442.9  | 9872.5  | 9816.4  | 9423.8 | 8850.5 | 8218.4 |
| 55°   | 6545.2 | 7323.7 | 7933.8 | 8559.1 | 9414.2  | 10070.9 | 10356.8 | 10206.3 | 9657.7 | 9076.2 | 8459.2 |
| 57.5° | 6792.8 | 7638.3 | 8322.4 | 9047.5 | 9999.7  | 10563.4 | 10722.1 | 10412.9 | 9768.5 | 9162.4 | 8563.2 |
| 60°   | 7040.5 | 7901.0 | 8665.8 | 9474.4 | 10443.0 | 10965.6 | 10921.9 | 10459.4 | 9735.7 | 9099.5 | 8493.4 |
| 62.5° | 7207.4 | 8057.0 | 8865.6 | 9737.1 | 10775.5 | 11170.9 | 10902.7 | 10293.9 | 9545.5 | 8851.9 | 8285.5 |
| 63°   | 7211.5 | 8062.5 | 8877.9 | 9754.8 | 10812.4 | 11177.7 | 10865.8 | 10235.1 | 9485.3 | 8801.2 | 8223.9 |
| 65°   | 7125.3 | 7959.8 | 8768.4 | 9674.1 | 10780.9 | 11020.4 | 10547.0 | 9887.6  | 9141.9 | 8451.0 | 7903.7 |
| 67.5° | 6684.7 | 7535.7 | 8249.9 | 9103.6 | 10217.3 | 10285.7 | 9693.3  | 9161.1  | 8490.7 | 7775.1 | 7203.3 |
| 70°   | 5796.8 | 6504.1 | 7204.6 | 7917.4 | 8851.9  | 8839.6  | 8282.7  | 8011.8  | 7424.9 | 6609.5 | 6151.2 |
| 72.5° | 4610.6 | 5245.5 | 5738.0 | 6215.5 | 6831.1  | 6706.6  | 6348.2  | 6423.4  | 6043.1 | 5434.3 | 5162.0 |
| 75°   | 3423.1 | 4120.8 | 4361.6 | 4555.9 | 4815.9  | 4817.2  | 4915.7  | 5129.2  | 5123.7 | 4785.8 | 4442.4 |
| 77.5° | 2245.1 | 3008.5 | 3089.3 | 3245.2 | 3557.2  | 3981.3  | 4419.1  | 4889.7  | 5007.4 | 4740.6 | 4233.0 |
| 80°   | 1251.8 | 2045.4 | 1952.3 | 2086.4 | 2423.0  | 2999.0  | 3644.7  | 4164.6  | 4471.1 | 4322.0 | 3784.3 |
| 82.5° | 640.3  | 1179.3 | 1127.3 | 1313.4 | 1585.7  | 2086.4  | 2513.3  | 2912.8  | 3274.0 | 3253.4 | 3049.6 |
| 85°   | 332.5  | 645.8  | 734.7  | 831.8  | 968.6   | 1147.9  | 1309.3  | 1425.6  | 1576.1 | 1841.5 | 1931.8 |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 1.4     | 0.0     | 98.5    | 71.1   | 195.6  | 279.1  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P153522

CATALOG NUMBER: TLM-E04-LED-E1-SLR-7060

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 | 1435.2 |
| 2.5°  | 1418.8 | 1420.1 | 1417.4 | 1417.4 | 1418.8 | 1418.8 | 1416.0 |
| 5°    | 1416.0 | 1416.0 | 1413.3 | 1410.6 | 1407.8 | 1407.8 | 1405.1 |
| 7.5°  | 1447.5 | 1447.5 | 1437.9 | 1433.8 | 1427.0 | 1421.5 | 1418.8 |
| 10°   | 1494.0 | 1485.8 | 1474.9 | 1466.6 | 1455.7 | 1443.4 | 1436.5 |
| 12.5° | 1540.5 | 1528.2 | 1514.5 | 1502.2 | 1488.5 | 1474.9 | 1468.0 |
| 15°   | 1617.1 | 1600.7 | 1582.9 | 1567.9 | 1548.7 | 1528.2 | 1520.0 |
| 17.5° | 1734.8 | 1708.8 | 1685.5 | 1663.7 | 1629.5 | 1614.4 | 1598.0 |
| 20°   | 1890.8 | 1852.5 | 1822.4 | 1785.4 | 1743.0 | 1729.3 | 1708.8 |
| 22.5° | 2079.6 | 2046.7 | 1986.5 | 1959.2 | 1916.8 | 1896.2 | 1900.3 |
| 25°   | 2366.9 | 2324.5 | 2254.7 | 2228.7 | 2224.6 | 2179.4 | 2157.6 |
| 27.5° | 2741.8 | 2744.5 | 2680.2 | 2610.4 | 2572.1 | 2501.0 | 2410.7 |
| 30°   | 3275.3 | 3238.4 | 3163.1 | 3092.0 | 3001.7 | 2867.6 | 2717.1 |
| 32.5° | 3921.1 | 3839.0 | 3714.5 | 3581.8 | 3421.7 | 3215.1 | 3004.4 |
| 35°   | 4551.8 | 4408.1 | 4209.8 | 3988.1 | 3756.9 | 3499.7 | 3201.4 |
| 37.5° | 5105.9 | 4882.9 | 4586.0 | 4331.5 | 4004.5 | 3683.0 | 3319.1 |
| 40°   | 5612.1 | 5335.7 | 4952.7 | 4622.9 | 4237.1 | 3824.0 | 3393.0 |
| 42.5° | 6101.9 | 5751.7 | 5282.4 | 4836.4 | 4399.9 | 3918.4 | 3428.6 |
| 45°   | 6568.4 | 6117.0 | 5560.1 | 5029.3 | 4519.0 | 3979.9 | 3434.0 |
| 47.5° | 6926.9 | 6434.4 | 5809.1 | 5168.8 | 4601.1 | 4026.4 | 3434.0 |
| 50°   | 7259.4 | 6702.5 | 5999.3 | 5278.3 | 4677.7 | 4057.9 | 3436.8 |
| 52.5° | 7517.9 | 6891.3 | 6122.4 | 5356.3 | 4737.9 | 4081.2 | 3449.1 |
| 55°   | 7705.4 | 7014.5 | 6204.5 | 5404.2 | 4781.7 | 4114.0 | 3476.4 |
| 57.5° | 7836.7 | 7095.2 | 6249.7 | 5446.6 | 4835.0 | 4171.5 | 3553.1 |
| 60°   | 7899.6 | 7244.3 | 6324.9 | 5531.4 | 4926.7 | 4293.2 | 3706.3 |
| 62.5° | 7851.8 | 7475.5 | 6539.7 | 5675.0 | 5053.9 | 4483.4 | 3951.2 |
| 63°   | 7831.2 | 7517.9 | 6598.5 | 5706.5 | 5082.6 | 4524.4 | 4036.0 |
| 65°   | 7671.2 | 7560.3 | 6840.7 | 5865.2 | 5219.5 | 4706.4 | 4272.7 |
| 67.5° | 7174.5 | 7393.4 | 7044.6 | 6133.4 | 5513.6 | 5148.3 | 4714.6 |
| 70°   | 6531.5 | 7145.8 | 7007.6 | 6167.6 | 5701.0 | 5510.9 | 4993.7 |
| 72.5° | 5761.2 | 6397.4 | 6268.8 | 5712.0 | 5494.5 | 5515.0 | 4921.2 |
| 75°   | 4534.0 | 5011.5 | 4926.7 | 4731.0 | 4774.8 | 4925.3 | 4215.2 |
| 77.5° | 3632.4 | 3568.1 | 3372.5 | 3386.1 | 3639.3 | 3815.7 | 3034.5 |
| 80°   | 2967.5 | 2402.5 | 2148.0 | 2154.8 | 2596.7 | 2780.1 | 1933.2 |
| 82.5° | 2823.8 | 2272.5 | 1851.1 | 1617.1 | 1889.4 | 1819.6 | 1009.7 |
| 85°   | 2011.2 | 2015.3 | 1671.9 | 1358.6 | 1316.2 | 1119.1 | 629.3  |
| 87.5° | 476.1  | 381.7  | 272.3  | 202.5  | 213.4  | 140.9  | 71.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)