

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: P153528

Luminaire Tested: **TLM-E05-LED-E1-SLR-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P153528
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-E05-LED-E1-SLR-8030
Description: TALON MEDIUM LED SITE LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (105) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11741.8 lumens
Efficiency: N/A
Efficacy: 92.2 lumens/watt
Spacing Criteria (0/90/45): 1.93 / 2.48 / 2.48
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
CIE Type: Direct

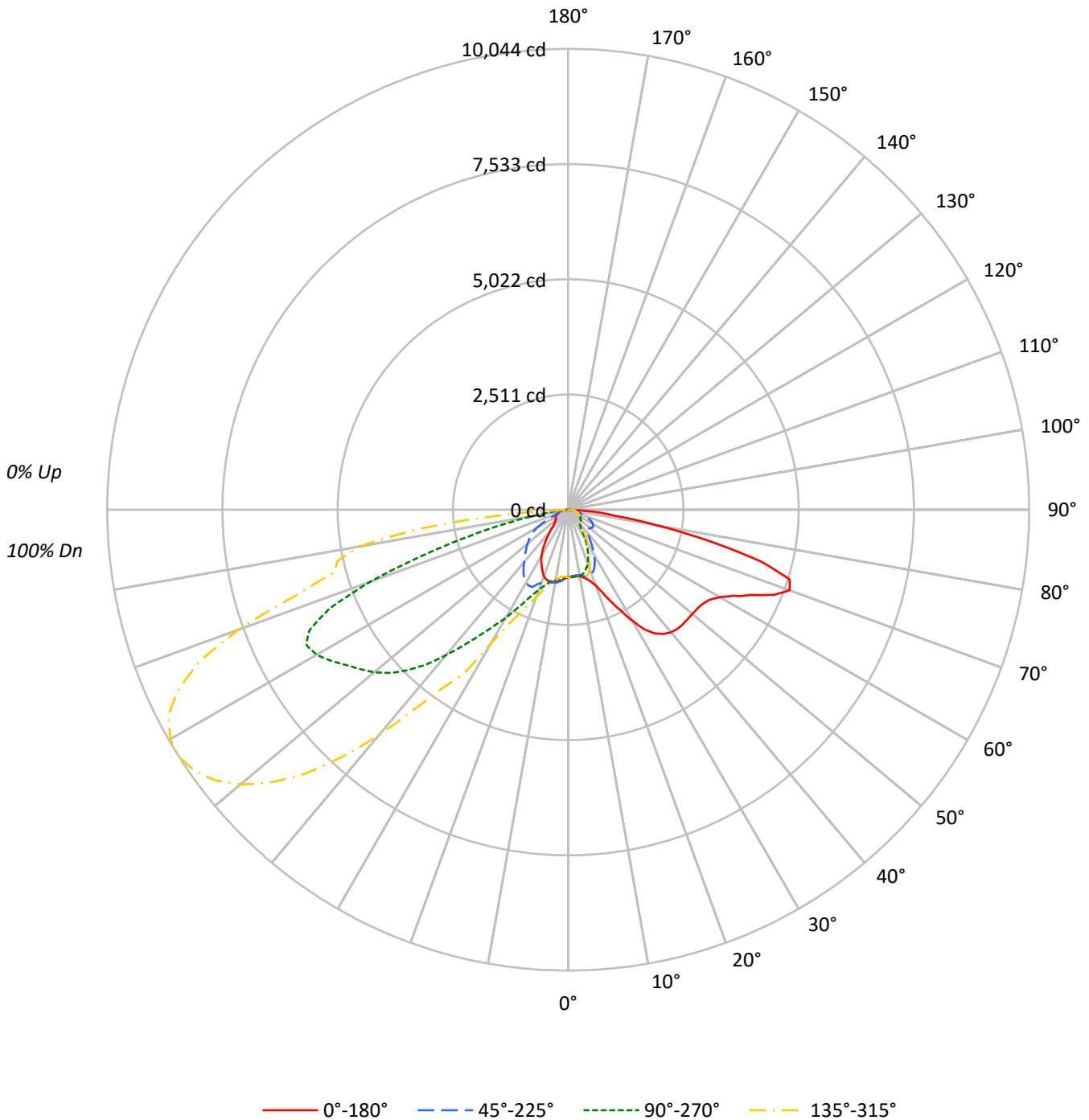
Input Watts (W): 127.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P153528

CATALOG NUMBER: TLM-E05-LED-E1-SLR-8030

Luminous Intensity Polar Plot





TEST NUMBER: P153528

CATALOG NUMBER: TLM-E05-LED-E1-SLR-8030

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° | 19136 | 19136 | 19136 | 19136 |
| 5° | 18806 | 19137 | 20052 | 19630 |
| 10° | 19450 | 19209 | 20950 | 20413 |
| 15° | 20982 | 18697 | 21662 | 22059 |
| 20° | 24247 | 17239 | 21354 | 25606 |
| 25° | 31742 | 14552 | 19483 | 31360 |
| 30° | 41834 | 11270 | 17378 | 40697 |
| 35° | 52112 | 7705 | 13919 | 52667 |
| 40° | 59058 | 6740 | 10191 | 70036 |
| 45° | 64754 | 7068 | 7663 | 90708 |
| 50° | 71290 | 7237 | 7322 | 111193 |
| 55° | 80815 | 7409 | 7475 | 133419 |
| 60° | 98836 | 8136 | 8136 | 164071 |
| 65° | 134805 | 8460 | 8589 | 190918 |
| 70° | 194680 | 8960 | 9066 | 173772 |
| 75° | 217157 | 9445 | 10006 | 112490 |
| 80° | 148440 | 10187 | 11449 | 54631 |
| 85° | 96287 | 12559 | 13808 | 26575 |



TEST NUMBER: P153528

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 143.6 | 1.2 |
| 10°-20° | 447.4 | 3.8 |
| 20°-30° | 794.8 | 6.8 |
| 30°-40° | 1251.5 | 10.7 |
| 40°-50° | 1841.9 | 15.7 |
| 50°-60° | 2446.5 | 20.8 |
| 60°-70° | 2694.8 | 23.0 |
| 70°-80° | 1690.7 | 14.4 |
| 80°-90° | 430.6 | 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° | 1385.7 | 11.8 |
| 0°-40° | 2637.3 | 22.5 |
| 0°-60° | 6925.6 | 59.0 |
| 0°-90° | 11741.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 11741.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1476 | 1476 | 1476 | 1476 | 1476 | |
| 5° | 1445 | 1470 | 1540 | 1508 | 1445 | 139 |
| 15° | 1563 | 1393 | 1613 | 1643 | 1563 | 453 |
| 25° | 2218 | 1017 | 1362 | 2192 | 2218 | 1047 |
| 35° | 3292 | 487 | 879 | 3327 | 3292 | 2040 |
| 45° | 3531 | 385 | 418 | 4946 | 3531 | 2730 |
| 55° | 3574 | 328 | 331 | 5901 | 3574 | 3242 |
| 65° | 4393 | 276 | 280 | 6222 | 4393 | 4423 |
| 75° | 4334 | 188 | 200 | 2245 | 4334 | 4238 |
| 85° | 647 | 84 | 93 | 179 | 647 | 748 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P153528

CATALOG NUMBER: TLM-E05-LED-E1-SLR-8030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 |
| 2.5° | 1455.9 | 1460.1 | 1458.7 | 1458.7 | 1461.5 | 1460.1 | 1460.1 | 1461.5 | 1461.5 | 1465.7 | 1471.4 |
| 5° | 1444.6 | 1443.2 | 1440.4 | 1443.2 | 1443.2 | 1443.2 | 1437.6 | 1441.8 | 1443.2 | 1446.0 | 1446.0 |
| 7.5° | 1458.7 | 1454.5 | 1448.9 | 1450.3 | 1450.3 | 1447.4 | 1443.2 | 1444.6 | 1443.2 | 1443.2 | 1441.8 |
| 10° | 1477.0 | 1467.1 | 1460.1 | 1460.1 | 1460.1 | 1457.3 | 1450.3 | 1454.5 | 1454.5 | 1453.1 | 1454.5 |
| 12.5° | 1509.3 | 1498.1 | 1489.6 | 1486.8 | 1486.8 | 1482.6 | 1477.0 | 1482.6 | 1479.8 | 1479.8 | 1477.0 |
| 15° | 1562.8 | 1550.1 | 1540.3 | 1531.8 | 1533.3 | 1533.3 | 1526.2 | 1522.0 | 1516.4 | 1509.3 | 1495.3 |
| 17.5° | 1643.0 | 1628.9 | 1616.2 | 1609.2 | 1610.6 | 1600.8 | 1581.1 | 1561.4 | 1534.7 | 1507.9 | 1478.4 |
| 20° | 1756.9 | 1752.7 | 1735.8 | 1728.8 | 1711.9 | 1688.0 | 1633.1 | 1586.7 | 1534.7 | 1484.0 | 1433.4 |
| 22.5° | 1953.8 | 1934.1 | 1917.3 | 1890.5 | 1834.3 | 1768.2 | 1676.7 | 1595.1 | 1513.6 | 1441.8 | 1374.3 |
| 25° | 2218.3 | 2183.1 | 2100.1 | 2018.5 | 1903.2 | 1785.0 | 1661.3 | 1555.8 | 1454.5 | 1360.2 | 1277.2 |
| 27.5° | 2478.5 | 2371.6 | 2223.9 | 2076.2 | 1907.4 | 1752.7 | 1598.0 | 1472.8 | 1354.6 | 1251.9 | 1160.5 |
| 30° | 2793.6 | 2613.6 | 2387.1 | 2153.6 | 1914.5 | 1706.3 | 1520.6 | 1374.3 | 1237.9 | 1129.5 | 1033.9 |
| 32.5° | 3089.0 | 2828.8 | 2532.0 | 2225.3 | 1929.9 | 1662.7 | 1432.0 | 1266.0 | 1125.3 | 988.9 | 894.6 |
| 35° | 3291.6 | 2954.0 | 2593.9 | 2232.4 | 1891.9 | 1579.7 | 1320.8 | 1125.3 | 984.7 | 858.1 | 746.9 |
| 37.5° | 3412.5 | 3008.8 | 2596.7 | 2181.7 | 1803.3 | 1467.1 | 1180.2 | 986.1 | 856.7 | 735.7 | 648.5 |
| 40° | 3488.5 | 3021.5 | 2560.1 | 2108.6 | 1690.8 | 1325.1 | 1039.5 | 865.1 | 746.9 | 649.9 | 582.4 |
| 42.5° | 3525.1 | 3001.8 | 2501.0 | 2015.7 | 1576.9 | 1198.5 | 941.0 | 776.5 | 673.8 | 604.9 | 554.2 |
| 45° | 3530.7 | 2966.6 | 2437.7 | 1931.3 | 1475.6 | 1107.0 | 873.5 | 739.9 | 655.5 | 597.8 | 547.2 |
| 47.5° | 3530.7 | 2935.7 | 2387.1 | 1869.4 | 1409.5 | 1067.6 | 867.9 | 755.4 | 672.4 | 607.7 | 547.2 |
| 50° | 3533.5 | 2925.8 | 2366.0 | 1838.5 | 1387.0 | 1088.7 | 915.7 | 803.2 | 709.0 | 624.6 | 545.8 |
| 52.5° | 3546.2 | 2938.5 | 2382.9 | 1862.4 | 1427.8 | 1173.1 | 1005.8 | 874.9 | 756.8 | 644.2 | 545.8 |
| 55° | 3574.3 | 2980.7 | 2454.6 | 1945.4 | 1537.5 | 1301.2 | 1114.1 | 952.3 | 794.8 | 652.7 | 537.3 |
| 57.5° | 3653.1 | 3087.6 | 2585.4 | 2105.8 | 1724.6 | 1448.9 | 1212.5 | 1007.2 | 808.8 | 645.7 | 520.5 |
| 60° | 3810.6 | 3300.0 | 2809.1 | 2330.8 | 1922.9 | 1575.4 | 1270.2 | 1015.6 | 796.2 | 623.1 | 493.7 |
| 62.5° | 4062.4 | 3543.4 | 3080.6 | 2575.6 | 2098.7 | 1645.8 | 1277.2 | 994.5 | 762.4 | 582.4 | 454.3 |
| 63° | 4149.6 | 3603.8 | 3138.2 | 2622.0 | 2121.2 | 1651.4 | 1271.6 | 986.1 | 754.0 | 571.1 | 448.7 |
| 65° | 4393.0 | 3858.4 | 3338.0 | 2785.2 | 2184.5 | 1652.8 | 1240.7 | 943.9 | 714.6 | 527.5 | 409.3 |
| 67.5° | 4847.3 | 4193.2 | 3589.8 | 2913.2 | 2207.0 | 1607.8 | 1161.9 | 865.1 | 631.6 | 460.0 | 360.1 |
| 70° | 5134.3 | 4380.3 | 3686.8 | 2916.0 | 2140.9 | 1479.8 | 1025.4 | 737.1 | 526.1 | 381.2 | 309.5 |
| 72.5° | 5059.7 | 4196.0 | 3430.8 | 2652.9 | 1855.4 | 1236.4 | 824.3 | 579.5 | 410.7 | 305.2 | 257.4 |
| 75° | 4333.9 | 3492.7 | 2799.2 | 2055.1 | 1402.4 | 908.7 | 603.5 | 413.6 | 303.8 | 239.1 | 215.2 |
| 77.5° | 3120.0 | 2513.7 | 2007.3 | 1464.3 | 945.3 | 588.0 | 400.9 | 295.4 | 230.7 | 196.9 | 177.2 |
| 80° | 1987.6 | 1474.2 | 1228.0 | 880.6 | 552.8 | 364.3 | 275.7 | 223.7 | 189.9 | 164.6 | 151.9 |
| 82.5° | 1038.1 | 727.2 | 590.8 | 450.1 | 306.7 | 240.5 | 202.6 | 182.9 | 156.1 | 136.4 | 129.4 |
| 85° | 647.1 | 429.0 | 317.9 | 222.3 | 153.3 | 137.9 | 126.6 | 123.8 | 111.1 | 98.5 | 94.2 |
| 87.5° | 73.1 | 66.1 | 68.9 | 43.6 | 32.4 | 35.2 | 33.8 | 45.0 | 43.6 | 32.4 | 33.8 |
| 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: P153528

CATALOG NUMBER: TLM-E05-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 |
| 2.5° | 1465.7 | 1468.5 | 1468.5 | 1472.8 | 1472.8 | 1475.6 | 1478.4 | 1478.4 | 1481.2 | 1482.6 | 1485.4 |
| 5° | 1448.9 | 1448.9 | 1448.9 | 1454.5 | 1455.9 | 1464.3 | 1467.1 | 1470.0 | 1472.8 | 1482.6 | 1488.2 |
| 7.5° | 1444.6 | 1439.0 | 1441.8 | 1441.8 | 1446.0 | 1453.1 | 1460.1 | 1464.3 | 1468.5 | 1481.2 | 1489.6 |
| 10° | 1453.1 | 1448.9 | 1444.6 | 1444.6 | 1446.0 | 1448.9 | 1454.5 | 1458.7 | 1461.5 | 1474.2 | 1481.2 |
| 12.5° | 1475.6 | 1465.7 | 1457.3 | 1450.3 | 1444.6 | 1443.2 | 1440.4 | 1441.8 | 1444.6 | 1451.7 | 1461.5 |
| 15° | 1479.8 | 1461.5 | 1443.2 | 1424.9 | 1410.9 | 1402.4 | 1395.4 | 1392.6 | 1392.6 | 1396.8 | 1408.1 |
| 17.5° | 1451.7 | 1420.7 | 1394.0 | 1370.1 | 1354.6 | 1339.1 | 1332.1 | 1326.5 | 1323.7 | 1329.3 | 1330.7 |
| 20° | 1391.2 | 1354.6 | 1318.0 | 1289.9 | 1261.8 | 1257.5 | 1246.3 | 1249.1 | 1251.9 | 1260.4 | 1264.6 |
| 22.5° | 1308.2 | 1264.6 | 1219.6 | 1190.0 | 1167.5 | 1147.8 | 1135.2 | 1140.8 | 1145.0 | 1153.5 | 1157.7 |
| 25° | 1206.9 | 1143.6 | 1095.8 | 1066.2 | 1042.3 | 1025.4 | 1011.4 | 1017.0 | 1011.4 | 1021.2 | 1036.7 |
| 27.5° | 1087.3 | 1012.8 | 962.1 | 928.4 | 911.5 | 897.4 | 883.4 | 883.4 | 897.4 | 897.4 | 910.1 |
| 30° | 942.5 | 887.6 | 821.5 | 786.3 | 765.2 | 756.8 | 755.4 | 752.6 | 762.4 | 768.0 | 782.1 |
| 32.5° | 806.0 | 738.5 | 675.2 | 641.4 | 623.1 | 613.3 | 614.7 | 616.1 | 620.3 | 628.8 | 651.3 |
| 35° | 668.2 | 609.1 | 564.1 | 526.1 | 507.8 | 489.5 | 489.5 | 486.7 | 490.9 | 500.8 | 527.5 |
| 37.5° | 579.5 | 527.5 | 492.3 | 462.8 | 444.5 | 433.2 | 423.4 | 419.2 | 419.2 | 423.4 | 433.2 |
| 40° | 530.3 | 492.3 | 460.0 | 434.7 | 417.8 | 407.9 | 402.3 | 398.1 | 395.3 | 395.3 | 396.7 |
| 42.5° | 507.8 | 468.4 | 436.1 | 413.6 | 400.9 | 395.3 | 393.9 | 392.5 | 388.2 | 386.8 | 385.4 |
| 45° | 496.5 | 451.5 | 415.0 | 396.7 | 386.8 | 384.0 | 385.4 | 385.4 | 384.0 | 381.2 | 375.6 |
| 47.5° | 488.1 | 436.1 | 399.5 | 382.6 | 378.4 | 378.4 | 378.4 | 378.4 | 377.0 | 375.6 | 371.4 |
| 50° | 474.0 | 412.1 | 372.8 | 360.1 | 357.3 | 357.3 | 358.7 | 358.7 | 361.5 | 358.7 | 355.9 |
| 52.5° | 458.6 | 389.6 | 350.3 | 339.0 | 337.6 | 336.2 | 336.2 | 336.2 | 337.6 | 337.6 | 336.2 |
| 55° | 441.7 | 372.8 | 339.0 | 330.6 | 332.0 | 330.6 | 329.2 | 327.7 | 327.7 | 326.3 | 323.5 |
| 57.5° | 424.8 | 358.7 | 330.6 | 324.9 | 326.3 | 326.3 | 323.5 | 320.7 | 319.3 | 315.1 | 312.3 |
| 60° | 399.5 | 339.0 | 313.7 | 310.9 | 315.1 | 315.1 | 315.1 | 313.7 | 313.7 | 312.3 | 305.2 |
| 62.5° | 365.7 | 310.9 | 291.2 | 292.6 | 294.0 | 296.8 | 296.8 | 296.8 | 296.8 | 294.0 | 287.0 |
| 63° | 358.7 | 305.2 | 287.0 | 287.0 | 291.2 | 291.2 | 292.6 | 291.2 | 292.6 | 289.8 | 281.3 |
| 65° | 330.6 | 287.0 | 272.9 | 274.3 | 277.1 | 277.1 | 277.1 | 275.7 | 275.7 | 271.5 | 267.3 |
| 67.5° | 298.2 | 264.5 | 256.0 | 257.4 | 258.8 | 261.6 | 260.2 | 260.2 | 261.6 | 258.8 | 254.6 |
| 70° | 261.6 | 240.5 | 234.9 | 236.3 | 237.7 | 237.7 | 236.3 | 236.3 | 237.7 | 234.9 | 230.7 |
| 72.5° | 233.5 | 225.1 | 220.8 | 220.8 | 218.0 | 218.0 | 215.2 | 213.8 | 212.4 | 212.4 | 208.2 |
| 75° | 196.9 | 195.5 | 196.9 | 199.7 | 196.9 | 194.1 | 192.7 | 188.5 | 185.7 | 185.7 | 184.3 |
| 77.5° | 168.8 | 168.8 | 171.6 | 175.8 | 177.2 | 177.2 | 173.0 | 166.0 | 164.6 | 164.6 | 164.6 |
| 80° | 146.3 | 143.5 | 143.5 | 147.7 | 151.9 | 150.5 | 143.5 | 136.4 | 136.4 | 143.5 | 144.9 |
| 82.5° | 128.0 | 128.0 | 123.8 | 125.2 | 123.8 | 122.4 | 115.3 | 111.1 | 109.7 | 115.3 | 121.0 |
| 85° | 101.3 | 102.7 | 101.3 | 99.9 | 98.5 | 94.2 | 88.6 | 84.4 | 83.0 | 88.6 | 97.1 |
| 87.5° | 40.8 | 39.4 | 38.0 | 39.4 | 38.0 | 40.8 | 39.4 | 36.6 | 35.2 | 39.4 | 47.8 |
| 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: P153528

CATALOG NUMBER: TLM-E05-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 |
| 2.5° | 1486.8 | 1489.6 | 1492.5 | 1492.5 | 1495.3 | 1493.9 | 1495.3 | 1496.7 | 1496.7 | 1498.1 | 1498.1 |
| 5° | 1495.3 | 1499.5 | 1505.1 | 1510.7 | 1512.2 | 1516.4 | 1520.6 | 1517.8 | 1522.0 | 1527.6 | 1527.6 |
| 7.5° | 1498.1 | 1507.9 | 1512.2 | 1520.6 | 1522.0 | 1527.6 | 1537.5 | 1530.4 | 1538.9 | 1543.1 | 1544.5 |
| 10° | 1493.9 | 1503.7 | 1510.7 | 1520.6 | 1524.8 | 1534.7 | 1544.5 | 1541.7 | 1551.5 | 1558.6 | 1560.0 |
| 12.5° | 1468.5 | 1478.4 | 1493.9 | 1507.9 | 1519.2 | 1534.7 | 1552.9 | 1547.3 | 1561.4 | 1569.8 | 1574.0 |
| 15° | 1419.3 | 1429.2 | 1446.0 | 1468.5 | 1489.6 | 1513.6 | 1537.5 | 1541.7 | 1555.8 | 1565.6 | 1569.8 |
| 17.5° | 1341.9 | 1354.6 | 1372.9 | 1396.8 | 1423.5 | 1464.3 | 1495.3 | 1510.7 | 1530.4 | 1536.1 | 1543.1 |
| 20° | 1270.2 | 1282.9 | 1294.1 | 1308.2 | 1327.9 | 1367.3 | 1408.1 | 1439.0 | 1464.3 | 1485.4 | 1491.1 |
| 22.5° | 1174.6 | 1185.8 | 1199.9 | 1211.1 | 1225.2 | 1253.3 | 1287.1 | 1322.3 | 1361.6 | 1374.3 | 1388.4 |
| 25° | 1059.2 | 1066.2 | 1085.9 | 1093.0 | 1102.8 | 1126.7 | 1153.5 | 1178.8 | 1216.8 | 1243.5 | 1250.5 |
| 27.5° | 935.4 | 942.5 | 960.7 | 965.0 | 977.6 | 1000.1 | 1019.8 | 1029.7 | 1064.8 | 1093.0 | 1115.5 |
| 30° | 791.9 | 810.2 | 832.7 | 835.6 | 849.6 | 863.7 | 882.0 | 891.8 | 924.2 | 953.7 | 981.8 |
| 32.5° | 668.2 | 686.4 | 704.7 | 716.0 | 723.0 | 734.3 | 752.6 | 762.4 | 793.4 | 820.1 | 848.2 |
| 35° | 541.6 | 564.1 | 583.8 | 599.2 | 604.9 | 618.9 | 633.0 | 642.8 | 675.2 | 699.1 | 718.8 |
| 37.5° | 445.9 | 462.8 | 483.9 | 499.4 | 514.8 | 524.7 | 541.6 | 555.6 | 575.3 | 588.0 | 609.1 |
| 40° | 399.5 | 407.9 | 419.2 | 431.8 | 444.5 | 455.8 | 468.4 | 479.7 | 492.3 | 509.2 | 523.3 |
| 42.5° | 384.0 | 385.4 | 385.4 | 389.6 | 396.7 | 402.3 | 413.6 | 422.0 | 430.4 | 443.1 | 450.1 |
| 45° | 372.8 | 371.4 | 368.5 | 365.7 | 367.1 | 369.9 | 377.0 | 382.6 | 392.5 | 398.1 | 399.5 |
| 47.5° | 367.1 | 361.5 | 355.9 | 351.7 | 350.3 | 351.7 | 357.3 | 362.9 | 368.5 | 372.8 | 374.2 |
| 50° | 348.8 | 344.6 | 336.2 | 330.6 | 327.7 | 330.6 | 337.6 | 340.4 | 346.0 | 350.3 | 351.7 |
| 52.5° | 330.6 | 324.9 | 319.3 | 313.7 | 313.7 | 315.1 | 320.7 | 326.3 | 332.0 | 333.4 | 336.2 |
| 55° | 319.3 | 310.9 | 305.2 | 301.0 | 298.2 | 302.4 | 306.7 | 313.7 | 320.7 | 322.1 | 324.9 |
| 57.5° | 308.1 | 299.6 | 294.0 | 289.8 | 287.0 | 291.2 | 295.4 | 305.2 | 313.7 | 313.7 | 313.7 |
| 60° | 301.0 | 294.0 | 285.6 | 281.3 | 277.1 | 281.3 | 287.0 | 296.8 | 305.2 | 303.8 | 302.4 |
| 62.5° | 281.3 | 274.3 | 270.1 | 270.1 | 265.9 | 272.9 | 278.5 | 289.8 | 291.2 | 288.4 | 285.6 |
| 63° | 275.7 | 270.1 | 267.3 | 267.3 | 264.5 | 271.5 | 277.1 | 287.0 | 287.0 | 284.1 | 281.3 |
| 65° | 261.6 | 257.4 | 254.6 | 257.4 | 257.4 | 264.5 | 265.9 | 272.9 | 271.5 | 267.3 | 265.9 |
| 67.5° | 250.4 | 247.6 | 244.8 | 244.8 | 244.8 | 246.2 | 247.6 | 250.4 | 249.0 | 247.6 | 249.0 |
| 70° | 232.1 | 230.7 | 227.9 | 227.9 | 226.5 | 226.5 | 226.5 | 227.9 | 227.9 | 229.3 | 230.7 |
| 72.5° | 209.6 | 206.8 | 206.8 | 208.2 | 205.4 | 206.8 | 208.2 | 206.8 | 209.6 | 209.6 | 211.0 |
| 75° | 184.3 | 182.9 | 185.7 | 188.5 | 187.1 | 187.1 | 188.5 | 188.5 | 189.9 | 189.9 | 191.3 |
| 77.5° | 164.6 | 166.0 | 167.4 | 170.2 | 171.6 | 171.6 | 171.6 | 170.2 | 171.6 | 171.6 | 173.0 |
| 80° | 146.3 | 149.1 | 151.9 | 154.7 | 156.1 | 156.1 | 156.1 | 154.7 | 154.7 | 154.7 | 154.7 |
| 82.5° | 132.2 | 136.4 | 139.3 | 140.7 | 140.7 | 140.7 | 140.7 | 140.7 | 140.7 | 137.9 | 135.0 |
| 85° | 111.1 | 119.6 | 119.6 | 121.0 | 116.8 | 113.9 | 111.1 | 112.5 | 113.9 | 108.3 | 106.9 |
| 87.5° | 56.3 | 56.3 | 59.1 | 61.9 | 63.3 | 63.3 | 71.7 | 67.5 | 66.1 | 64.7 | 61.9 |
| 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: P153528

CATALOG NUMBER: TLM-E05-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 |
| 2.5° | 1499.5 | 1498.1 | 1500.9 | 1498.1 | 1499.5 | 1500.9 | 1498.1 | 1502.3 | 1505.1 | 1500.9 | 1496.7 |
| 5° | 1530.4 | 1530.4 | 1537.5 | 1540.3 | 1541.7 | 1550.1 | 1545.9 | 1548.7 | 1551.5 | 1550.1 | 1551.5 |
| 7.5° | 1550.1 | 1555.8 | 1562.8 | 1569.8 | 1571.2 | 1578.3 | 1576.9 | 1581.1 | 1583.9 | 1590.9 | 1590.9 |
| 10° | 1567.0 | 1574.0 | 1583.9 | 1590.9 | 1598.0 | 1603.6 | 1606.4 | 1614.8 | 1616.2 | 1621.9 | 1621.9 |
| 12.5° | 1582.5 | 1590.9 | 1600.8 | 1612.0 | 1619.1 | 1630.3 | 1631.7 | 1644.4 | 1648.6 | 1650.0 | 1645.8 |
| 15° | 1579.7 | 1589.5 | 1600.8 | 1613.4 | 1626.1 | 1640.2 | 1648.6 | 1661.3 | 1668.3 | 1671.1 | 1664.1 |
| 17.5° | 1552.9 | 1561.4 | 1575.4 | 1592.3 | 1607.8 | 1626.1 | 1641.6 | 1659.8 | 1671.1 | 1673.9 | 1672.5 |
| 20° | 1500.9 | 1506.5 | 1524.8 | 1547.3 | 1565.6 | 1593.7 | 1616.2 | 1644.4 | 1662.7 | 1676.7 | 1680.9 |
| 22.5° | 1398.2 | 1412.3 | 1430.6 | 1455.9 | 1482.6 | 1517.8 | 1550.1 | 1590.9 | 1630.3 | 1664.1 | 1697.8 |
| 25° | 1274.4 | 1299.7 | 1327.9 | 1361.6 | 1394.0 | 1430.6 | 1467.1 | 1513.6 | 1571.2 | 1641.6 | 1721.7 |
| 27.5° | 1149.2 | 1192.8 | 1228.0 | 1271.6 | 1309.6 | 1346.2 | 1387.0 | 1437.6 | 1500.9 | 1585.3 | 1688.0 |
| 30° | 1022.6 | 1071.9 | 1109.8 | 1160.5 | 1211.1 | 1260.4 | 1301.2 | 1354.6 | 1416.5 | 1502.3 | 1614.8 |
| 32.5° | 887.6 | 936.8 | 981.8 | 1028.3 | 1084.5 | 1143.6 | 1192.8 | 1259.0 | 1325.1 | 1413.7 | 1527.6 |
| 35° | 748.3 | 791.9 | 829.9 | 879.2 | 941.0 | 1004.3 | 1069.1 | 1145.0 | 1216.8 | 1309.6 | 1430.6 |
| 37.5° | 627.4 | 658.3 | 694.9 | 738.5 | 786.3 | 853.8 | 927.0 | 1017.0 | 1098.6 | 1199.9 | 1323.7 |
| 40° | 527.5 | 544.4 | 565.5 | 602.0 | 645.7 | 711.8 | 783.5 | 879.2 | 977.6 | 1088.7 | 1208.3 |
| 42.5° | 450.1 | 458.6 | 464.2 | 488.1 | 523.3 | 588.0 | 656.9 | 749.7 | 858.1 | 979.0 | 1100.0 |
| 45° | 399.5 | 403.7 | 405.1 | 417.8 | 443.1 | 499.4 | 571.1 | 649.9 | 754.0 | 872.1 | 998.7 |
| 47.5° | 375.6 | 379.8 | 382.6 | 385.4 | 400.9 | 444.5 | 509.2 | 583.8 | 679.4 | 787.7 | 917.1 |
| 50° | 355.9 | 360.1 | 364.3 | 362.9 | 369.9 | 398.1 | 452.9 | 521.9 | 611.9 | 711.8 | 839.8 |
| 52.5° | 336.2 | 339.0 | 339.0 | 339.0 | 343.2 | 361.5 | 400.9 | 464.2 | 547.2 | 641.4 | 768.0 |
| 55° | 324.9 | 327.7 | 329.2 | 330.6 | 332.0 | 341.8 | 371.4 | 422.0 | 493.7 | 580.9 | 694.9 |
| 57.5° | 313.7 | 315.1 | 317.9 | 319.3 | 322.1 | 327.7 | 346.0 | 382.6 | 443.1 | 516.2 | 611.9 |
| 60° | 303.8 | 306.7 | 312.3 | 313.7 | 316.5 | 317.9 | 326.3 | 348.8 | 388.2 | 444.5 | 521.9 |
| 62.5° | 288.4 | 292.6 | 298.2 | 299.6 | 302.4 | 303.8 | 305.2 | 317.9 | 336.2 | 369.9 | 427.6 |
| 63° | 284.1 | 288.4 | 295.4 | 296.8 | 298.2 | 298.2 | 299.6 | 308.1 | 324.9 | 354.5 | 396.7 |
| 65° | 268.7 | 274.3 | 278.5 | 279.9 | 281.3 | 281.3 | 279.9 | 282.7 | 284.1 | 296.8 | 322.1 |
| 67.5° | 251.8 | 256.0 | 258.8 | 260.2 | 258.8 | 260.2 | 258.8 | 256.0 | 253.2 | 256.0 | 267.3 |
| 70° | 234.9 | 237.7 | 237.7 | 239.1 | 240.5 | 241.9 | 239.1 | 236.3 | 233.5 | 232.1 | 239.1 |
| 72.5° | 215.2 | 218.0 | 218.0 | 219.4 | 219.4 | 222.3 | 222.3 | 220.8 | 220.8 | 222.3 | 223.7 |
| 75° | 195.5 | 198.3 | 196.9 | 199.7 | 199.7 | 204.0 | 204.0 | 205.4 | 208.2 | 206.8 | 205.4 |
| 77.5° | 177.2 | 178.6 | 178.6 | 180.1 | 181.5 | 188.5 | 192.7 | 194.1 | 194.1 | 191.3 | 188.5 |
| 80° | 157.5 | 157.5 | 154.7 | 153.3 | 154.7 | 161.8 | 170.2 | 171.6 | 175.8 | 174.4 | 175.8 |
| 82.5° | 132.2 | 126.6 | 122.4 | 122.4 | 125.2 | 129.4 | 132.2 | 135.0 | 137.9 | 137.9 | 140.7 |
| 85° | 101.3 | 95.7 | 91.4 | 92.8 | 97.1 | 98.5 | 97.1 | 97.1 | 102.7 | 106.9 | 102.7 |
| 87.5° | 60.5 | 54.9 | 52.0 | 47.8 | 49.2 | 53.5 | 52.0 | 47.8 | 49.2 | 39.4 | 36.6 |
| 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: P153528

CATALOG NUMBER: TLM-E05-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 |
| 2.5° | 1499.5 | 1498.1 | 1495.3 | 1491.1 | 1489.6 | 1486.8 | 1488.2 | 1484.0 | 1481.2 | 1478.4 | 1474.2 |
| 5° | 1551.5 | 1551.5 | 1543.1 | 1543.1 | 1538.9 | 1537.5 | 1527.6 | 1523.4 | 1515.0 | 1517.8 | 1507.9 |
| 7.5° | 1588.1 | 1592.3 | 1582.5 | 1581.1 | 1575.4 | 1574.0 | 1561.4 | 1557.2 | 1550.1 | 1547.3 | 1538.9 |
| 10° | 1614.8 | 1614.8 | 1602.2 | 1592.3 | 1585.3 | 1578.3 | 1565.6 | 1560.0 | 1554.3 | 1555.8 | 1550.1 |
| 12.5° | 1635.9 | 1626.1 | 1607.8 | 1593.7 | 1583.9 | 1576.9 | 1567.0 | 1562.8 | 1561.4 | 1571.2 | 1572.6 |
| 15° | 1652.8 | 1638.7 | 1616.2 | 1606.4 | 1598.0 | 1596.5 | 1596.5 | 1600.8 | 1610.6 | 1628.9 | 1643.0 |
| 17.5° | 1662.7 | 1654.2 | 1643.0 | 1640.2 | 1654.2 | 1662.7 | 1673.9 | 1686.6 | 1700.6 | 1726.0 | 1741.4 |
| 20° | 1680.9 | 1686.6 | 1695.0 | 1706.3 | 1728.8 | 1749.9 | 1763.9 | 1782.2 | 1799.1 | 1830.1 | 1855.4 |
| 22.5° | 1728.8 | 1761.1 | 1787.9 | 1810.4 | 1844.1 | 1873.7 | 1891.9 | 1917.3 | 1929.9 | 1951.0 | 1990.4 |
| 25° | 1790.7 | 1856.8 | 1913.0 | 1960.9 | 2012.9 | 2043.9 | 2069.2 | 2101.5 | 2121.2 | 2156.4 | 2191.6 |
| 27.5° | 1772.4 | 1866.6 | 1951.0 | 2039.6 | 2111.4 | 2191.6 | 2247.8 | 2301.3 | 2335.0 | 2387.1 | 2433.5 |
| 30° | 1716.1 | 1828.6 | 1942.6 | 2059.3 | 2173.3 | 2288.6 | 2395.5 | 2492.6 | 2567.1 | 2641.7 | 2717.7 |
| 32.5° | 1640.2 | 1769.6 | 1908.8 | 2052.3 | 2201.4 | 2361.8 | 2509.5 | 2655.8 | 2779.5 | 2887.9 | 2993.4 |
| 35° | 1552.9 | 1699.2 | 1844.1 | 2021.4 | 2205.6 | 2409.6 | 2615.0 | 2817.5 | 3006.0 | 3197.3 | 3326.7 |
| 37.5° | 1448.9 | 1598.0 | 1759.7 | 1963.7 | 2180.3 | 2432.1 | 2693.7 | 2958.2 | 3225.5 | 3482.9 | 3706.5 |
| 40° | 1337.7 | 1489.6 | 1659.8 | 1880.7 | 2125.5 | 2418.0 | 2744.4 | 3100.3 | 3467.4 | 3840.2 | 4137.0 |
| 42.5° | 1239.3 | 1395.4 | 1581.1 | 1804.7 | 2070.6 | 2399.7 | 2785.2 | 3222.6 | 3671.4 | 4132.7 | 4568.8 |
| 45° | 1143.6 | 1315.2 | 1510.7 | 1751.3 | 2046.7 | 2413.8 | 2845.7 | 3336.6 | 3854.2 | 4414.1 | 4945.8 |
| 47.5° | 1057.8 | 1232.2 | 1422.1 | 1685.2 | 2011.5 | 2420.8 | 2904.7 | 3450.5 | 4027.2 | 4633.5 | 5265.1 |
| 50° | 980.4 | 1149.2 | 1336.3 | 1600.8 | 1956.7 | 2416.6 | 2958.2 | 3553.2 | 4176.3 | 4806.5 | 5511.3 |
| 52.5° | 904.5 | 1076.1 | 1267.4 | 1519.2 | 1889.1 | 2392.7 | 2983.5 | 3637.6 | 4314.2 | 4981.0 | 5709.6 |
| 55° | 829.9 | 998.7 | 1191.4 | 1441.8 | 1800.5 | 2330.8 | 2980.7 | 3692.5 | 4423.9 | 5145.5 | 5900.9 |
| 57.5° | 742.7 | 903.1 | 1091.6 | 1356.0 | 1706.3 | 2235.2 | 2938.5 | 3717.8 | 4518.2 | 5308.7 | 6130.2 |
| 60° | 634.4 | 784.9 | 966.4 | 1230.8 | 1582.5 | 2112.8 | 2849.9 | 3703.7 | 4573.0 | 5429.7 | 6325.7 |
| 62.5° | 500.8 | 631.6 | 797.6 | 1056.4 | 1427.8 | 1937.0 | 2683.9 | 3575.7 | 4485.8 | 5412.8 | 6417.1 |
| 63° | 472.6 | 596.4 | 758.2 | 1014.2 | 1361.6 | 1889.1 | 2634.7 | 3525.1 | 4443.6 | 5377.6 | 6404.5 |
| 65° | 379.8 | 460.0 | 589.4 | 818.7 | 1139.4 | 1654.2 | 2389.9 | 3264.8 | 4217.1 | 5130.1 | 6221.6 |
| 67.5° | 291.2 | 332.0 | 400.9 | 561.3 | 806.0 | 1301.2 | 1935.6 | 2766.9 | 3660.1 | 4518.2 | 5632.2 |
| 70° | 249.0 | 267.3 | 296.8 | 372.8 | 512.0 | 821.5 | 1358.8 | 2063.6 | 2837.2 | 3581.3 | 4582.9 |
| 72.5° | 226.5 | 234.9 | 250.4 | 282.7 | 351.7 | 492.3 | 866.5 | 1343.4 | 1929.9 | 2553.1 | 3326.7 |
| 75° | 208.2 | 215.2 | 227.9 | 244.8 | 270.1 | 327.7 | 493.7 | 821.5 | 1254.7 | 1676.7 | 2245.0 |
| 77.5° | 189.9 | 194.1 | 208.2 | 223.7 | 240.5 | 270.1 | 326.3 | 472.6 | 721.6 | 988.9 | 1353.2 |
| 80° | 174.4 | 171.6 | 181.5 | 206.8 | 223.7 | 240.5 | 257.4 | 306.7 | 410.7 | 541.6 | 731.5 |
| 82.5° | 139.3 | 142.1 | 150.5 | 175.8 | 182.9 | 178.6 | 181.5 | 189.9 | 229.3 | 250.4 | 374.2 |
| 85° | 94.2 | 87.2 | 85.8 | 88.6 | 88.6 | 84.4 | 84.4 | 83.0 | 91.4 | 104.1 | 178.6 |
| 87.5° | 25.3 | 12.7 | 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 |



TEST NUMBER: P153528

CATALOG NUMBER: TLM-E05-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|---------|---------|---------|---------|---------|---------|--------|--------|
| 0° | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 |
| 2.5° | 1471.4 | 1470.0 | 1471.4 | 1464.3 | 1464.3 | 1462.9 | 1461.5 | 1458.7 | 1458.7 | 1453.1 | 1457.3 |
| 5° | 1499.5 | 1496.7 | 1491.1 | 1482.6 | 1478.4 | 1472.8 | 1472.8 | 1467.1 | 1462.9 | 1457.3 | 1458.7 |
| 7.5° | 1531.8 | 1533.3 | 1523.4 | 1516.4 | 1513.6 | 1507.9 | 1509.3 | 1500.9 | 1502.3 | 1498.1 | 1495.3 |
| 10° | 1550.1 | 1550.1 | 1552.9 | 1551.5 | 1554.3 | 1554.3 | 1558.6 | 1552.9 | 1550.1 | 1545.9 | 1545.9 |
| 12.5° | 1579.7 | 1585.3 | 1596.5 | 1596.5 | 1605.0 | 1607.8 | 1609.2 | 1612.0 | 1606.4 | 1603.6 | 1593.7 |
| 15° | 1652.8 | 1666.9 | 1676.7 | 1690.8 | 1707.7 | 1713.3 | 1713.3 | 1707.7 | 1704.9 | 1700.6 | 1682.4 |
| 17.5° | 1773.8 | 1804.7 | 1813.2 | 1835.7 | 1838.5 | 1845.5 | 1865.2 | 1854.0 | 1846.9 | 1817.4 | 1811.8 |
| 20° | 1897.6 | 1937.0 | 1976.3 | 2004.5 | 2018.5 | 2046.7 | 2050.9 | 2045.3 | 2017.1 | 1989.0 | 1976.3 |
| 22.5° | 2046.7 | 2105.8 | 2150.8 | 2194.4 | 2215.5 | 2229.5 | 2260.5 | 2253.5 | 2230.9 | 2188.7 | 2171.9 |
| 25° | 2257.7 | 2330.8 | 2378.6 | 2432.1 | 2460.2 | 2474.3 | 2505.2 | 2505.2 | 2481.3 | 2468.7 | 2467.3 |
| 27.5° | 2523.5 | 2613.6 | 2692.3 | 2710.6 | 2783.8 | 2800.6 | 2830.2 | 2830.2 | 2807.7 | 2792.2 | 2866.8 |
| 30° | 2818.9 | 2913.2 | 3049.6 | 3141.1 | 3229.7 | 3316.9 | 3315.5 | 3321.1 | 3347.8 | 3361.9 | 3394.3 |
| 32.5° | 3114.3 | 3231.1 | 3376.0 | 3574.3 | 3764.2 | 3926.0 | 4135.6 | 4269.2 | 4228.4 | 4114.5 | 4069.4 |
| 35° | 3473.0 | 3602.4 | 3778.3 | 3978.0 | 4325.5 | 4535.0 | 4636.3 | 4708.1 | 4716.5 | 4732.0 | 4764.3 |
| 37.5° | 3872.5 | 4089.1 | 4293.1 | 4519.6 | 4712.3 | 4966.9 | 5201.8 | 5390.3 | 5433.9 | 5522.5 | 5471.9 |
| 40° | 4377.5 | 4619.4 | 4833.3 | 5125.8 | 5384.7 | 5691.3 | 6027.5 | 6286.3 | 6390.4 | 6356.7 | 6103.5 |
| 42.5° | 4906.4 | 5206.0 | 5456.4 | 5801.0 | 6137.2 | 6542.3 | 6889.8 | 7251.3 | 7316.0 | 7055.8 | 6677.4 |
| 45° | 5393.1 | 5764.5 | 6075.3 | 6434.0 | 6844.8 | 7330.1 | 7794.3 | 8165.6 | 8153.0 | 7707.0 | 7200.6 |
| 47.5° | 5830.6 | 6286.3 | 6666.1 | 7133.1 | 7574.8 | 8153.0 | 8686.1 | 8960.4 | 8798.6 | 8271.1 | 7650.8 |
| 50° | 6192.1 | 6760.4 | 7228.8 | 7701.4 | 8262.7 | 8959.0 | 9472.4 | 9627.1 | 9314.8 | 8740.9 | 8088.2 |
| 52.5° | 6483.3 | 7196.4 | 7722.5 | 8266.9 | 8975.8 | 9708.7 | 10150.4 | 10092.7 | 9689.0 | 9099.6 | 8449.8 |
| 55° | 6729.4 | 7529.8 | 8157.2 | 8800.0 | 9679.2 | 10354.4 | 10648.4 | 10493.6 | 9929.6 | 9331.7 | 8697.3 |
| 57.5° | 6984.0 | 7853.3 | 8556.7 | 9302.2 | 10281.2 | 10860.8 | 11023.9 | 10706.0 | 10043.5 | 9420.3 | 8804.2 |
| 60° | 7238.6 | 8123.4 | 8909.7 | 9741.1 | 10737.0 | 11274.3 | 11229.3 | 10753.9 | 10009.7 | 9355.6 | 8732.5 |
| 62.5° | 7410.2 | 8283.8 | 9115.1 | 10011.1 | 11078.8 | 11485.3 | 11209.6 | 10583.6 | 9814.2 | 9101.0 | 8518.7 |
| 63° | 7414.5 | 8289.4 | 9127.8 | 10029.4 | 11116.8 | 11492.3 | 11171.6 | 10523.2 | 9752.3 | 9049.0 | 8455.4 |
| 65° | 7325.8 | 8183.9 | 9015.2 | 9946.4 | 11084.4 | 11330.6 | 10843.9 | 10165.9 | 9399.2 | 8688.9 | 8126.2 |
| 67.5° | 6872.9 | 7747.8 | 8482.1 | 9359.9 | 10504.9 | 10575.2 | 9966.1 | 9418.9 | 8729.7 | 7994.0 | 7406.0 |
| 70° | 5960.0 | 6687.2 | 7407.4 | 8140.3 | 9101.0 | 9088.4 | 8515.9 | 8237.4 | 7633.9 | 6795.5 | 6324.3 |
| 72.5° | 4740.4 | 5393.1 | 5899.5 | 6390.4 | 7023.4 | 6895.4 | 6526.9 | 6604.2 | 6213.2 | 5587.2 | 5307.3 |
| 75° | 3519.4 | 4236.8 | 4484.4 | 4684.1 | 4951.4 | 4952.8 | 5054.1 | 5273.5 | 5267.9 | 4920.5 | 4567.4 |
| 77.5° | 2308.3 | 3093.2 | 3176.2 | 3336.6 | 3657.3 | 4093.4 | 4543.5 | 5027.4 | 5148.3 | 4874.0 | 4352.2 |
| 80° | 1287.1 | 2102.9 | 2007.3 | 2145.1 | 2491.2 | 3083.4 | 3747.3 | 4281.8 | 4596.9 | 4443.6 | 3890.8 |
| 82.5° | 658.3 | 1212.5 | 1159.1 | 1350.4 | 1630.3 | 2145.1 | 2584.0 | 2994.8 | 3366.1 | 3345.0 | 3135.4 |
| 85° | 341.8 | 663.9 | 755.4 | 855.2 | 995.9 | 1180.2 | 1346.2 | 1465.7 | 1620.5 | 1893.4 | 1986.2 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 101.3 | 73.1 | 201.2 | 287.0 |
| 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: P153528

CATALOG NUMBER: TLM-E05-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 | 1475.6 |
| 2.5° | 1458.7 | 1460.1 | 1457.3 | 1457.3 | 1458.7 | 1458.7 | 1455.9 |
| 5° | 1455.9 | 1455.9 | 1453.1 | 1450.3 | 1447.4 | 1447.4 | 1444.6 |
| 7.5° | 1488.2 | 1488.2 | 1478.4 | 1474.2 | 1467.1 | 1461.5 | 1458.7 |
| 10° | 1536.1 | 1527.6 | 1516.4 | 1507.9 | 1496.7 | 1484.0 | 1477.0 |
| 12.5° | 1583.9 | 1571.2 | 1557.2 | 1544.5 | 1530.4 | 1516.4 | 1509.3 |
| 15° | 1662.7 | 1645.8 | 1627.5 | 1612.0 | 1592.3 | 1571.2 | 1562.8 |
| 17.5° | 1783.6 | 1756.9 | 1733.0 | 1710.5 | 1675.3 | 1659.8 | 1643.0 |
| 20° | 1944.0 | 1904.6 | 1873.7 | 1835.7 | 1792.1 | 1778.0 | 1756.9 |
| 22.5° | 2138.1 | 2104.4 | 2042.5 | 2014.3 | 1970.7 | 1949.6 | 1953.8 |
| 25° | 2433.5 | 2389.9 | 2318.2 | 2291.4 | 2287.2 | 2240.8 | 2218.3 |
| 27.5° | 2818.9 | 2821.7 | 2755.6 | 2683.9 | 2644.5 | 2571.4 | 2478.5 |
| 30° | 3367.5 | 3329.5 | 3252.2 | 3179.0 | 3086.2 | 2948.3 | 2793.6 |
| 32.5° | 4031.5 | 3947.1 | 3819.1 | 3682.6 | 3518.0 | 3305.6 | 3089.0 |
| 35° | 4679.9 | 4532.2 | 4328.3 | 4100.4 | 3862.7 | 3598.2 | 3291.6 |
| 37.5° | 5249.6 | 5020.3 | 4715.1 | 4453.5 | 4117.3 | 3786.7 | 3412.5 |
| 40° | 5770.1 | 5485.9 | 5092.1 | 4753.1 | 4356.4 | 3931.6 | 3488.5 |
| 42.5° | 6273.7 | 5913.6 | 5431.1 | 4972.5 | 4523.8 | 4028.7 | 3525.1 |
| 45° | 6753.3 | 6289.1 | 5716.6 | 5170.9 | 4646.2 | 4091.9 | 3530.7 |
| 47.5° | 7121.9 | 6615.5 | 5972.6 | 5314.3 | 4730.6 | 4139.8 | 3530.7 |
| 50° | 7463.7 | 6891.2 | 6168.2 | 5426.9 | 4809.3 | 4172.1 | 3533.5 |
| 52.5° | 7729.6 | 7085.3 | 6294.8 | 5507.0 | 4871.2 | 4196.0 | 3546.2 |
| 55° | 7922.3 | 7211.9 | 6379.2 | 5556.3 | 4916.2 | 4229.8 | 3574.3 |
| 57.5° | 8057.3 | 7294.9 | 6425.6 | 5599.9 | 4971.1 | 4288.9 | 3653.1 |
| 60° | 8122.0 | 7448.2 | 6503.0 | 5687.1 | 5065.4 | 4414.1 | 3810.6 |
| 62.5° | 8072.8 | 7685.9 | 6723.8 | 5834.8 | 5196.2 | 4609.6 | 4062.4 |
| 63° | 8051.7 | 7729.6 | 6784.3 | 5867.1 | 5225.7 | 4651.8 | 4149.6 |
| 65° | 7887.1 | 7773.2 | 7033.3 | 6030.3 | 5366.4 | 4838.9 | 4393.0 |
| 67.5° | 7376.5 | 7601.5 | 7242.8 | 6306.0 | 5668.8 | 5293.2 | 4847.3 |
| 70° | 6715.4 | 7346.9 | 7204.9 | 6341.2 | 5861.5 | 5666.0 | 5134.3 |
| 72.5° | 5923.4 | 6577.5 | 6445.3 | 5872.8 | 5649.1 | 5670.2 | 5059.7 |
| 75° | 4661.6 | 5152.6 | 5065.4 | 4864.2 | 4909.2 | 5063.9 | 4333.9 |
| 77.5° | 3734.7 | 3668.5 | 3467.4 | 3481.5 | 3741.7 | 3923.2 | 3120.0 |
| 80° | 3051.0 | 2470.1 | 2208.4 | 2215.5 | 2669.8 | 2858.3 | 1987.6 |
| 82.5° | 2903.3 | 2336.4 | 1903.2 | 1662.7 | 1942.6 | 1870.8 | 1038.1 |
| 85° | 2067.8 | 2072.0 | 1718.9 | 1396.8 | 1353.2 | 1150.6 | 647.1 |
| 87.5° | 489.5 | 392.5 | 279.9 | 208.2 | 219.4 | 144.9 | 73.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)