

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: P152941

Luminaire Tested: **TLM-E03-LED-E1-SLL-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P152941
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-E03-LED-E1-SLL-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (63) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

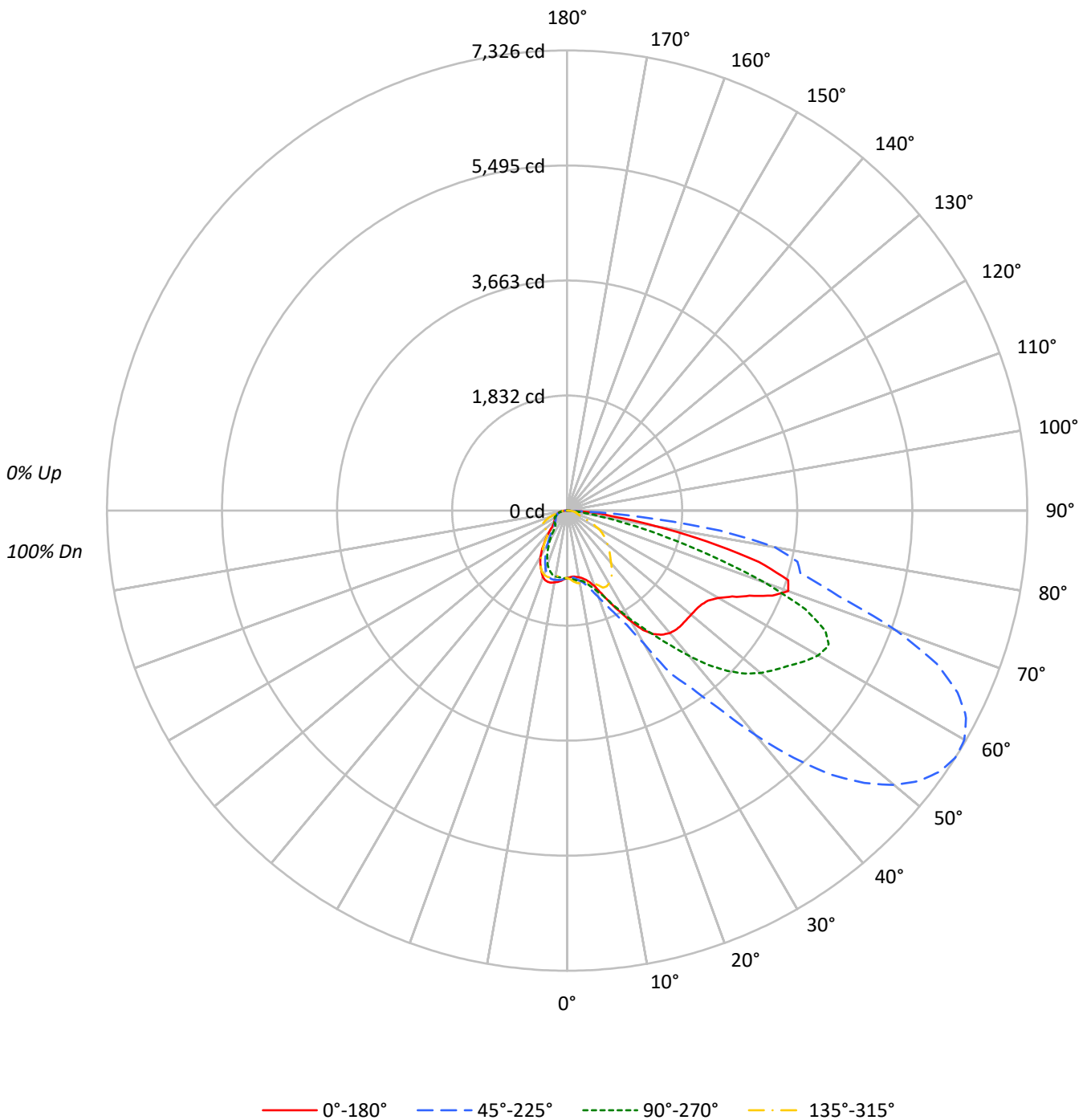
Lumens per Lamp: N/A
Luminaire Lumens: 8565.3 lumens
Efficiency: N/A
Efficacy: 113.9 lumens/watt
Spacing Criteria (0/90/45): 1.93 / 2.48 / 2.44
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
CIE Type: Direct

Input Watts (W): 75.2
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



TEST NUMBER: P152941
CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

Luminous Intensity Polar Plot





TEST NUMBER: P152941

CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|-------|-------|
| 0° | 23173 | 23173 | 23173 | 23173 |
| 5° | 22773 | 23771 | 24281 | 23172 |
| 10° | 23552 | 24719 | 25368 | 23261 |
| 15° | 25407 | 26711 | 26230 | 22639 |
| 20° | 29361 | 31006 | 25858 | 20875 |
| 25° | 38438 | 37974 | 23594 | 17623 |
| 30° | 50656 | 49279 | 21042 | 13647 |
| 35° | 63102 | 63775 | 16854 | 9330 |
| 40° | 71513 | 84808 | 12343 | 8161 |
| 45° | 78411 | 109839 | 9280 | 8561 |
| 50° | 86327 | 134645 | 8865 | 8765 |
| 55° | 97859 | 161559 | 9049 | 8974 |
| 60° | 119682 | 198676 | 9851 | 9851 |
| 65° | 163235 | 231187 | 10402 | 10244 |
| 70° | 235741 | 210425 | 10977 | 10851 |
| 75° | 262956 | 136219 | 12119 | 11437 |
| 80° | 179750 | 66152 | 13860 | 12335 |
| 85° | 116586 | 32185 | 16722 | 15215 |



TEST NUMBER: P152941

CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 104.8 | 1.2 |
| 10°-20° | 326.3 | 3.8 |
| 20°-30° | 579.7 | 6.8 |
| 30°-40° | 912.9 | 10.7 |
| 40°-50° | 1343.6 | 15.7 |
| 50°-60° | 1784.6 | 20.8 |
| 60°-70° | 1965.8 | 23.0 |
| 70°-80° | 1233.3 | 14.4 |
| 80°-90° | 314.1 | 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° | 1010.9 | 11.8 |
| 0°-40° | 1923.8 | 22.5 |
| 0°-60° | 5052.0 | 59.0 |
| 0°-90° | 8565.3 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 8565.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1076 | 1076 | 1076 | 1076 | 1076 | |
| 5° | 1054 | 1100 | 1124 | 1072 | 1054 | 102 |
| 15° | 1140 | 1198 | 1177 | 1016 | 1140 | 330 |
| 25° | 1618 | 1599 | 993 | 742 | 1618 | 764 |
| 35° | 2401 | 2427 | 641 | 355 | 2401 | 1488 |
| 45° | 2576 | 3608 | 305 | 281 | 2576 | 1991 |
| 55° | 2607 | 4304 | 241 | 239 | 2607 | 2365 |
| 65° | 3204 | 4538 | 204 | 201 | 3204 | 3226 |
| 75° | 3161 | 1638 | 146 | 138 | 3161 | 3092 |
| 85° | 472 | 130 | 68 | 62 | 472 | 546 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P152941

CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 |
| 2.5° | 1062.0 | 1064.1 | 1064.1 | 1063.0 | 1063.0 | 1065.1 | 1064.1 | 1063.0 | 1060.0 | 1064.1 | 1064.1 |
| 5° | 1053.8 | 1055.9 | 1055.9 | 1057.9 | 1060.0 | 1062.0 | 1062.0 | 1064.1 | 1063.0 | 1067.1 | 1070.2 |
| 7.5° | 1064.1 | 1066.1 | 1070.2 | 1075.4 | 1078.4 | 1085.6 | 1085.6 | 1090.8 | 1092.8 | 1095.9 | 1094.9 |
| 10° | 1077.4 | 1082.5 | 1091.8 | 1100.0 | 1106.1 | 1114.4 | 1120.5 | 1127.7 | 1127.7 | 1130.8 | 1132.8 |
| 12.5° | 1101.0 | 1106.1 | 1116.4 | 1126.7 | 1135.9 | 1146.2 | 1155.4 | 1162.6 | 1169.8 | 1171.8 | 1175.9 |
| 15° | 1140.0 | 1146.2 | 1161.6 | 1175.9 | 1187.2 | 1200.5 | 1212.9 | 1227.2 | 1240.6 | 1243.6 | 1245.7 |
| 17.5° | 1198.5 | 1210.8 | 1222.1 | 1247.7 | 1264.2 | 1281.6 | 1301.1 | 1321.6 | 1325.7 | 1347.3 | 1352.4 |
| 20° | 1281.6 | 1297.0 | 1307.3 | 1339.1 | 1366.8 | 1389.3 | 1418.1 | 1441.7 | 1450.9 | 1471.4 | 1492.0 |
| 22.5° | 1425.3 | 1422.2 | 1437.6 | 1469.4 | 1489.9 | 1535.1 | 1559.7 | 1584.3 | 1596.6 | 1627.4 | 1643.8 |
| 25° | 1618.2 | 1634.6 | 1668.4 | 1671.5 | 1691.0 | 1743.4 | 1775.2 | 1799.8 | 1800.8 | 1810.0 | 1827.5 |
| 27.5° | 1808.0 | 1875.7 | 1929.1 | 1957.8 | 2010.1 | 2058.4 | 2056.3 | 2091.2 | 2036.8 | 2048.1 | 2064.5 |
| 30° | 2037.8 | 2150.7 | 2251.3 | 2319.0 | 2372.4 | 2428.8 | 2456.5 | 2476.0 | 2452.4 | 2442.1 | 2422.6 |
| 32.5° | 2253.3 | 2411.3 | 2566.3 | 2686.3 | 2785.9 | 2879.3 | 2940.8 | 2968.5 | 3001.4 | 3084.5 | 3114.2 |
| 35° | 2401.1 | 2624.8 | 2817.7 | 2991.1 | 3157.3 | 3306.1 | 3413.9 | 3475.4 | 3451.8 | 3440.5 | 3434.4 |
| 37.5° | 2489.3 | 2762.3 | 3003.4 | 3248.6 | 3439.5 | 3662.2 | 3829.4 | 3991.6 | 4028.5 | 3963.8 | 3932.0 |
| 40° | 2544.7 | 2868.0 | 3177.8 | 3467.2 | 3714.5 | 4001.8 | 4209.1 | 4452.3 | 4637.0 | 4661.6 | 4585.7 |
| 42.5° | 2571.4 | 2938.8 | 3300.0 | 3627.3 | 3961.8 | 4313.7 | 4576.4 | 4870.9 | 5146.9 | 5336.8 | 5289.6 |
| 45° | 2575.5 | 2984.9 | 3389.2 | 3772.0 | 4170.1 | 4587.7 | 4926.3 | 5252.6 | 5622.0 | 5947.3 | 5956.5 |
| 47.5° | 2575.5 | 3019.8 | 3450.8 | 3876.6 | 4356.8 | 4825.8 | 5195.2 | 5581.0 | 6033.5 | 6418.3 | 6536.3 |
| 50° | 2577.6 | 3043.4 | 3508.3 | 3958.7 | 4499.5 | 5026.9 | 5444.5 | 5900.1 | 6376.2 | 6794.9 | 7022.7 |
| 52.5° | 2586.8 | 3060.9 | 3553.4 | 4017.2 | 4591.8 | 5168.5 | 5638.4 | 6163.8 | 6637.9 | 7067.8 | 7362.3 |
| 55° | 2607.3 | 3085.5 | 3586.2 | 4053.1 | 4653.4 | 5260.8 | 5779.0 | 6344.4 | 6807.2 | 7243.3 | 7654.7 |
| 57.5° | 2664.8 | 3128.6 | 3626.3 | 4084.9 | 4687.2 | 5321.4 | 5877.5 | 6422.4 | 6871.8 | 7326.4 | 7809.7 |
| 60° | 2779.7 | 3219.9 | 3695.0 | 4148.5 | 4743.7 | 5433.2 | 5924.7 | 6370.1 | 6824.6 | 7301.8 | 7844.6 |
| 62.5° | 2963.4 | 3362.5 | 3790.4 | 4256.3 | 4904.8 | 5606.6 | 5888.8 | 6214.1 | 6638.9 | 7159.1 | 7720.4 |
| 63° | 3027.0 | 3393.3 | 3812.0 | 4279.9 | 4948.9 | 5638.4 | 5873.4 | 6167.9 | 6600.9 | 7114.0 | 7676.3 |
| 65° | 3204.5 | 3529.8 | 3914.6 | 4398.9 | 5130.5 | 5670.3 | 5753.4 | 5927.8 | 6338.3 | 6856.4 | 7415.7 |
| 67.5° | 3536.0 | 3861.2 | 4135.2 | 4600.0 | 5283.4 | 5545.1 | 5380.9 | 5402.4 | 5831.4 | 6368.0 | 6870.8 |
| 70° | 3745.3 | 4133.2 | 4275.8 | 4625.7 | 5255.7 | 5359.3 | 4898.6 | 4613.4 | 4957.1 | 5568.7 | 6008.9 |
| 72.5° | 3690.9 | 4136.2 | 4120.8 | 4284.0 | 4701.6 | 4798.1 | 4320.9 | 3871.5 | 4075.7 | 4532.3 | 4817.6 |
| 75° | 3161.4 | 3694.0 | 3581.1 | 3548.3 | 3695.0 | 3758.6 | 3400.5 | 3331.8 | 3589.3 | 3842.8 | 3846.9 |
| 77.5° | 2275.9 | 2861.8 | 2729.4 | 2539.6 | 2529.3 | 2676.1 | 2724.3 | 3174.8 | 3555.5 | 3755.5 | 3667.3 |
| 80° | 1449.9 | 2085.0 | 1947.5 | 1616.1 | 1611.0 | 1801.8 | 2225.6 | 2838.2 | 3241.5 | 3353.3 | 3123.5 |
| 82.5° | 757.3 | 1364.7 | 1417.1 | 1212.9 | 1388.3 | 1704.4 | 2117.9 | 2287.2 | 2440.1 | 2455.5 | 2184.6 |
| 85° | 472.0 | 839.4 | 987.1 | 1018.9 | 1253.9 | 1511.5 | 1508.4 | 1448.9 | 1381.1 | 1182.1 | 1069.2 |
| 87.5° | 53.4 | 105.7 | 160.1 | 151.9 | 204.2 | 286.3 | 357.1 | 209.3 | 146.7 | 53.4 | 73.9 |
| 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: P152941

CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 |
| 2.5° | 1066.1 | 1067.1 | 1068.2 | 1068.2 | 1073.3 | 1072.3 | 1073.3 | 1075.4 | 1078.4 | 1080.5 | 1082.5 |
| 5° | 1074.3 | 1074.3 | 1078.4 | 1081.5 | 1087.7 | 1091.8 | 1093.8 | 1100.0 | 1107.2 | 1105.1 | 1111.3 |
| 7.5° | 1101.0 | 1100.0 | 1104.1 | 1106.1 | 1111.3 | 1118.5 | 1117.4 | 1122.6 | 1128.7 | 1130.8 | 1135.9 |
| 10° | 1136.9 | 1133.8 | 1133.8 | 1131.8 | 1132.8 | 1130.8 | 1130.8 | 1130.8 | 1134.9 | 1133.8 | 1138.0 |
| 12.5° | 1173.9 | 1172.8 | 1170.8 | 1164.6 | 1164.6 | 1156.4 | 1152.3 | 1147.2 | 1146.2 | 1139.0 | 1140.0 |
| 15° | 1249.8 | 1249.8 | 1245.7 | 1233.4 | 1223.1 | 1215.9 | 1205.7 | 1198.5 | 1188.2 | 1174.9 | 1167.7 |
| 17.5° | 1360.6 | 1346.3 | 1341.1 | 1339.1 | 1322.6 | 1316.5 | 1293.9 | 1270.3 | 1259.0 | 1240.6 | 1230.3 |
| 20° | 1496.1 | 1493.0 | 1472.5 | 1462.2 | 1441.7 | 1412.9 | 1384.2 | 1353.4 | 1335.0 | 1312.4 | 1300.1 |
| 22.5° | 1649.0 | 1626.4 | 1616.1 | 1600.7 | 1568.9 | 1536.1 | 1493.0 | 1451.9 | 1423.2 | 1407.8 | 1398.6 |
| 25° | 1827.5 | 1804.9 | 1794.7 | 1774.1 | 1735.1 | 1700.3 | 1646.9 | 1598.7 | 1573.0 | 1547.4 | 1533.0 |
| 27.5° | 2064.5 | 2043.0 | 2030.7 | 1977.3 | 1964.0 | 1906.5 | 1840.8 | 1775.2 | 1741.3 | 1703.3 | 1678.7 |
| 30° | 2418.5 | 2419.6 | 2355.9 | 2291.3 | 2224.6 | 2125.1 | 2056.3 | 1982.4 | 1927.0 | 1872.6 | 1818.3 |
| 32.5° | 3016.8 | 2863.9 | 2745.9 | 2607.3 | 2462.7 | 2357.0 | 2271.8 | 2183.6 | 2106.6 | 2027.6 | 1937.3 |
| 35° | 3382.0 | 3308.2 | 3155.3 | 2901.8 | 2756.1 | 2627.9 | 2533.5 | 2426.7 | 2332.3 | 2192.8 | 2055.3 |
| 37.5° | 3794.5 | 3623.2 | 3437.5 | 3296.9 | 3131.7 | 2982.9 | 2824.9 | 2703.8 | 2540.6 | 2352.9 | 2157.9 |
| 40° | 4396.9 | 4151.6 | 3927.9 | 3739.1 | 3525.7 | 3369.7 | 3193.2 | 3017.8 | 2801.3 | 2529.3 | 2261.5 |
| 42.5° | 5025.9 | 4772.4 | 4476.9 | 4231.7 | 3980.3 | 3797.6 | 3579.1 | 3332.8 | 3014.7 | 2678.1 | 2350.8 |
| 45° | 5685.7 | 5347.0 | 4993.0 | 4693.4 | 4431.7 | 4205.0 | 3934.1 | 3607.8 | 3219.9 | 2811.5 | 2433.9 |
| 47.5° | 6336.2 | 5947.3 | 5525.6 | 5203.4 | 4862.7 | 4585.7 | 4253.2 | 3840.7 | 3380.0 | 2937.7 | 2517.0 |
| 50° | 6909.8 | 6535.3 | 6027.3 | 5617.9 | 5273.2 | 4931.5 | 4516.9 | 4020.3 | 3506.2 | 3046.5 | 2591.9 |
| 52.5° | 7404.4 | 7082.2 | 6547.6 | 6030.4 | 5633.3 | 5249.6 | 4729.3 | 4165.0 | 3633.4 | 3147.1 | 2653.5 |
| 55° | 7767.6 | 7553.2 | 7060.6 | 6419.3 | 5950.4 | 5492.7 | 4908.9 | 4304.5 | 3753.5 | 3227.1 | 2693.5 |
| 57.5° | 8041.6 | 7922.6 | 7499.8 | 6785.6 | 6241.8 | 5728.7 | 5094.6 | 4471.8 | 3872.5 | 3295.9 | 2712.0 |
| 60° | 8191.4 | 8224.2 | 7832.3 | 7105.8 | 6499.4 | 5925.8 | 5280.3 | 4614.4 | 3960.8 | 3335.9 | 2701.7 |
| 62.5° | 8177.0 | 8378.2 | 8081.6 | 7302.8 | 6649.2 | 6042.7 | 5405.5 | 4681.1 | 3948.5 | 3272.3 | 2608.4 |
| 63° | 8149.3 | 8383.3 | 8109.3 | 7316.1 | 6658.4 | 6046.8 | 5408.6 | 4671.9 | 3922.8 | 3241.5 | 2571.4 |
| 65° | 7910.2 | 8265.3 | 8085.7 | 7255.6 | 6576.3 | 5969.9 | 5344.0 | 4538.5 | 3742.2 | 3076.3 | 2381.6 |
| 67.5° | 7270.0 | 7714.3 | 7663.0 | 6827.7 | 6187.4 | 5651.8 | 5013.6 | 4108.5 | 3295.9 | 2669.9 | 2018.3 |
| 70° | 6212.0 | 6629.7 | 6638.9 | 5938.1 | 5403.5 | 4878.1 | 4347.6 | 3343.1 | 2612.5 | 2069.7 | 1505.3 |
| 72.5° | 4761.1 | 5030.0 | 5123.3 | 4661.6 | 4303.5 | 3934.1 | 3458.0 | 2426.7 | 1862.4 | 1407.8 | 979.9 |
| 75° | 3686.8 | 3612.9 | 3611.9 | 3416.9 | 3271.2 | 3090.6 | 2567.3 | 1637.7 | 1223.1 | 915.3 | 599.2 |
| 77.5° | 3314.3 | 2986.0 | 2667.9 | 2433.9 | 2316.9 | 2256.4 | 1683.8 | 987.1 | 721.4 | 526.4 | 344.8 |
| 80° | 2733.5 | 2249.2 | 1817.2 | 1564.8 | 1464.3 | 1534.0 | 938.9 | 533.6 | 395.1 | 299.6 | 223.7 |
| 82.5° | 1885.0 | 1564.8 | 1189.3 | 985.1 | 845.5 | 884.5 | 480.2 | 272.9 | 182.6 | 167.3 | 138.5 |
| 85° | 982.0 | 860.9 | 726.5 | 623.9 | 551.0 | 484.3 | 249.3 | 130.3 | 75.9 | 66.7 | 60.5 |
| 87.5° | 0.0 | 1.0 | 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: P152941

CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 |
| 2.5° | 1085.6 | 1084.6 | 1086.6 | 1087.7 | 1090.8 | 1092.8 | 1093.8 | 1091.8 | 1094.9 | 1097.9 | 1095.9 |
| 5° | 1114.4 | 1121.5 | 1122.6 | 1125.6 | 1125.6 | 1131.8 | 1131.8 | 1131.8 | 1130.8 | 1131.8 | 1129.7 |
| 7.5° | 1139.0 | 1148.2 | 1149.2 | 1153.3 | 1154.4 | 1161.6 | 1158.5 | 1160.5 | 1160.5 | 1155.4 | 1153.3 |
| 10° | 1142.1 | 1151.3 | 1156.4 | 1161.6 | 1168.7 | 1178.0 | 1178.0 | 1183.1 | 1183.1 | 1179.0 | 1178.0 |
| 12.5° | 1143.1 | 1150.3 | 1155.4 | 1162.6 | 1172.8 | 1186.2 | 1193.4 | 1200.5 | 1203.6 | 1202.6 | 1199.5 |
| 15° | 1164.6 | 1164.6 | 1165.7 | 1171.8 | 1179.0 | 1195.4 | 1205.7 | 1213.9 | 1219.0 | 1217.0 | 1211.8 |
| 17.5° | 1221.1 | 1212.9 | 1206.7 | 1196.4 | 1198.5 | 1206.7 | 1212.9 | 1220.0 | 1221.1 | 1219.0 | 1210.8 |
| 20° | 1286.7 | 1276.5 | 1261.1 | 1244.7 | 1236.5 | 1230.3 | 1226.2 | 1226.2 | 1223.1 | 1212.9 | 1199.5 |
| 22.5° | 1380.1 | 1366.8 | 1345.2 | 1320.6 | 1304.2 | 1284.7 | 1261.1 | 1238.5 | 1213.9 | 1189.3 | 1160.5 |
| 25° | 1509.4 | 1490.9 | 1468.4 | 1430.4 | 1395.5 | 1354.5 | 1306.2 | 1256.0 | 1197.5 | 1146.2 | 1104.1 |
| 27.5° | 1639.7 | 1598.7 | 1540.2 | 1487.9 | 1423.2 | 1361.6 | 1292.9 | 1231.3 | 1156.4 | 1094.9 | 1048.7 |
| 30° | 1747.5 | 1669.5 | 1585.3 | 1502.2 | 1417.1 | 1333.9 | 1251.8 | 1178.0 | 1095.9 | 1033.3 | 988.1 |
| 32.5° | 1830.6 | 1722.8 | 1605.9 | 1497.1 | 1392.4 | 1290.8 | 1196.4 | 1114.4 | 1031.2 | 966.6 | 918.4 |
| 35° | 1907.5 | 1757.7 | 1608.9 | 1474.5 | 1345.2 | 1239.5 | 1132.8 | 1043.5 | 955.3 | 887.6 | 835.2 |
| 37.5° | 1965.0 | 1774.1 | 1590.5 | 1432.4 | 1283.7 | 1165.7 | 1056.9 | 965.6 | 875.3 | 801.4 | 741.9 |
| 40° | 2001.9 | 1763.9 | 1550.4 | 1371.9 | 1210.8 | 1086.6 | 975.8 | 881.4 | 794.2 | 713.1 | 641.3 |
| 42.5° | 2031.7 | 1750.5 | 1510.4 | 1316.5 | 1153.3 | 1017.9 | 904.0 | 802.4 | 714.2 | 625.9 | 546.9 |
| 45° | 2075.8 | 1760.8 | 1493.0 | 1277.5 | 1102.0 | 959.4 | 834.2 | 728.5 | 636.2 | 550.0 | 474.1 |
| 47.5° | 2118.9 | 1765.9 | 1467.3 | 1229.3 | 1037.4 | 898.9 | 771.6 | 669.0 | 574.6 | 495.6 | 425.8 |
| 50° | 2157.9 | 1762.8 | 1427.3 | 1167.7 | 974.8 | 838.3 | 715.2 | 612.6 | 519.2 | 446.4 | 380.7 |
| 52.5° | 2176.4 | 1745.4 | 1378.1 | 1108.2 | 924.5 | 785.0 | 659.8 | 560.3 | 467.9 | 399.2 | 338.6 |
| 55° | 2174.3 | 1700.3 | 1313.4 | 1051.8 | 869.1 | 728.5 | 605.4 | 506.9 | 423.8 | 360.2 | 307.8 |
| 57.5° | 2143.5 | 1630.5 | 1244.7 | 989.2 | 796.3 | 658.8 | 541.8 | 446.4 | 376.6 | 323.2 | 279.1 |
| 60° | 2078.9 | 1541.2 | 1154.4 | 897.8 | 704.9 | 572.6 | 462.8 | 380.7 | 324.2 | 283.2 | 254.5 |
| 62.5° | 1957.8 | 1412.9 | 1041.5 | 770.6 | 581.8 | 460.7 | 365.3 | 311.9 | 269.9 | 245.2 | 231.9 |
| 63° | 1921.9 | 1378.1 | 993.3 | 739.8 | 553.1 | 435.1 | 344.8 | 289.4 | 258.6 | 237.0 | 224.7 |
| 65° | 1743.4 | 1206.7 | 831.1 | 597.2 | 429.9 | 335.5 | 277.0 | 235.0 | 216.5 | 207.3 | 206.2 |
| 67.5° | 1411.9 | 949.1 | 588.0 | 409.4 | 292.4 | 242.2 | 212.4 | 195.0 | 186.8 | 184.7 | 186.8 |
| 70° | 991.2 | 599.2 | 373.5 | 271.9 | 216.5 | 195.0 | 181.6 | 174.4 | 169.3 | 170.3 | 172.4 |
| 72.5° | 632.1 | 359.1 | 256.5 | 206.2 | 182.6 | 171.4 | 165.2 | 163.2 | 162.1 | 161.1 | 161.1 |
| 75° | 360.2 | 239.1 | 197.0 | 178.5 | 166.2 | 157.0 | 151.9 | 149.8 | 150.8 | 151.9 | 149.8 |
| 77.5° | 238.1 | 197.0 | 175.5 | 163.2 | 151.9 | 141.6 | 138.5 | 137.5 | 139.6 | 141.6 | 141.6 |
| 80° | 187.8 | 175.5 | 163.2 | 150.8 | 132.4 | 125.2 | 127.2 | 128.3 | 127.2 | 128.3 | 125.2 |
| 82.5° | 132.4 | 130.3 | 133.4 | 128.3 | 109.8 | 103.6 | 101.6 | 102.6 | 100.6 | 100.6 | 98.5 |
| 85° | 61.6 | 61.6 | 64.6 | 64.6 | 62.6 | 63.6 | 68.7 | 74.9 | 78.0 | 74.9 | 70.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.2 | 18.5 | 26.7 | 28.7 | 35.9 | 34.9 |
| 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: P152941

CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 |
| 2.5° | 1092.8 | 1094.9 | 1093.8 | 1092.8 | 1094.9 | 1092.8 | 1093.8 | 1092.8 | 1092.8 | 1091.8 | 1091.8 |
| 5° | 1127.7 | 1130.8 | 1124.6 | 1123.6 | 1121.5 | 1116.4 | 1116.4 | 1114.4 | 1114.4 | 1110.2 | 1107.2 |
| 7.5° | 1150.3 | 1151.3 | 1146.2 | 1145.1 | 1140.0 | 1134.9 | 1130.8 | 1126.7 | 1125.6 | 1122.6 | 1116.4 |
| 10° | 1171.8 | 1169.8 | 1165.7 | 1160.5 | 1155.4 | 1148.2 | 1143.1 | 1138.0 | 1136.9 | 1131.8 | 1124.6 |
| 12.5° | 1190.3 | 1189.3 | 1181.0 | 1175.9 | 1167.7 | 1160.5 | 1154.4 | 1148.2 | 1145.1 | 1139.0 | 1128.7 |
| 15° | 1202.6 | 1196.4 | 1186.2 | 1176.9 | 1167.7 | 1159.5 | 1152.3 | 1145.1 | 1142.1 | 1134.9 | 1124.6 |
| 17.5° | 1197.5 | 1186.2 | 1172.8 | 1161.6 | 1149.2 | 1139.0 | 1132.8 | 1125.6 | 1120.5 | 1116.4 | 1102.0 |
| 20° | 1179.0 | 1162.6 | 1142.1 | 1128.7 | 1112.3 | 1099.0 | 1094.9 | 1087.7 | 1083.6 | 1068.2 | 1049.7 |
| 22.5° | 1130.8 | 1107.2 | 1081.5 | 1062.0 | 1043.5 | 1030.2 | 1019.9 | 1012.8 | 1002.5 | 993.3 | 964.5 |
| 25° | 1070.2 | 1043.5 | 1016.9 | 993.3 | 968.6 | 948.1 | 929.7 | 912.2 | 907.1 | 887.6 | 859.9 |
| 27.5° | 1011.7 | 982.0 | 955.3 | 927.6 | 895.8 | 870.1 | 838.3 | 813.7 | 797.3 | 776.8 | 751.1 |
| 30° | 949.1 | 919.4 | 883.5 | 846.5 | 809.6 | 781.9 | 746.0 | 716.2 | 695.7 | 674.2 | 650.6 |
| 32.5° | 870.1 | 834.2 | 791.1 | 750.1 | 716.2 | 683.4 | 647.5 | 618.7 | 598.2 | 578.7 | 556.1 |
| 35° | 779.8 | 732.6 | 686.5 | 641.3 | 605.4 | 577.7 | 545.9 | 524.3 | 510.0 | 492.5 | 468.9 |
| 37.5° | 676.2 | 622.8 | 573.6 | 538.7 | 506.9 | 480.2 | 457.6 | 444.3 | 428.9 | 419.7 | 405.3 |
| 40° | 571.5 | 519.2 | 471.0 | 439.2 | 412.5 | 397.1 | 384.8 | 381.7 | 371.5 | 359.1 | 349.9 |
| 42.5° | 479.2 | 428.9 | 381.7 | 356.1 | 338.6 | 334.5 | 328.4 | 328.4 | 323.2 | 314.0 | 307.8 |
| 45° | 416.6 | 364.3 | 323.2 | 304.8 | 295.5 | 294.5 | 291.4 | 291.4 | 290.4 | 286.3 | 279.1 |
| 47.5° | 371.5 | 324.2 | 292.4 | 281.2 | 279.1 | 277.0 | 274.0 | 272.9 | 271.9 | 268.8 | 264.7 |
| 50° | 330.4 | 290.4 | 269.9 | 264.7 | 265.8 | 262.7 | 259.6 | 256.5 | 255.5 | 252.4 | 248.3 |
| 52.5° | 292.4 | 263.7 | 250.4 | 247.3 | 247.3 | 247.3 | 245.2 | 245.2 | 243.2 | 242.2 | 238.1 |
| 55° | 270.9 | 249.3 | 242.2 | 241.1 | 240.1 | 239.1 | 237.0 | 237.0 | 235.0 | 234.0 | 228.8 |
| 57.5° | 252.4 | 239.1 | 235.0 | 232.9 | 231.9 | 229.8 | 228.8 | 228.8 | 228.8 | 228.8 | 222.7 |
| 60° | 238.1 | 231.9 | 230.9 | 228.8 | 227.8 | 223.7 | 221.6 | 220.6 | 221.6 | 222.7 | 216.5 |
| 62.5° | 222.7 | 221.6 | 220.6 | 218.6 | 217.5 | 213.4 | 210.4 | 208.3 | 210.4 | 212.4 | 211.4 |
| 63° | 218.6 | 217.5 | 217.5 | 216.5 | 215.5 | 210.4 | 207.3 | 205.2 | 207.3 | 209.3 | 209.3 |
| 65° | 204.2 | 205.2 | 205.2 | 204.2 | 203.2 | 200.1 | 196.0 | 193.9 | 195.0 | 198.0 | 199.1 |
| 67.5° | 188.8 | 189.8 | 188.8 | 189.8 | 188.8 | 186.8 | 183.7 | 181.6 | 180.6 | 181.6 | 182.6 |
| 70° | 174.4 | 176.5 | 175.5 | 174.4 | 173.4 | 173.4 | 171.4 | 168.3 | 167.3 | 166.2 | 166.2 |
| 72.5° | 162.1 | 162.1 | 160.1 | 160.1 | 159.0 | 159.0 | 157.0 | 153.9 | 152.9 | 152.9 | 150.8 |
| 75° | 148.8 | 148.8 | 145.7 | 145.7 | 143.7 | 144.7 | 142.6 | 139.6 | 138.5 | 138.5 | 137.5 |
| 77.5° | 140.6 | 137.5 | 132.4 | 131.3 | 130.3 | 130.3 | 129.3 | 126.2 | 125.2 | 125.2 | 124.2 |
| 80° | 124.2 | 118.0 | 112.9 | 111.8 | 112.9 | 114.9 | 114.9 | 112.9 | 112.9 | 112.9 | 112.9 |
| 82.5° | 96.5 | 94.4 | 91.3 | 89.3 | 89.3 | 92.3 | 96.5 | 98.5 | 100.6 | 102.6 | 102.6 |
| 85° | 70.8 | 71.8 | 70.8 | 67.7 | 66.7 | 69.8 | 73.9 | 78.0 | 79.0 | 83.1 | 82.1 |
| 87.5° | 38.0 | 39.0 | 35.9 | 34.9 | 38.0 | 40.0 | 44.1 | 45.1 | 47.2 | 48.2 | 49.3 |
| 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: P152941

CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 |
| 2.5° | 1090.8 | 1089.7 | 1090.8 | 1088.7 | 1088.7 | 1086.6 | 1084.6 | 1083.6 | 1081.5 | 1080.5 | 1078.4 |
| 5° | 1109.2 | 1106.1 | 1103.1 | 1102.0 | 1097.9 | 1093.8 | 1090.8 | 1085.6 | 1081.5 | 1074.3 | 1072.3 |
| 7.5° | 1121.5 | 1114.4 | 1110.2 | 1109.2 | 1103.1 | 1100.0 | 1092.8 | 1086.6 | 1080.5 | 1071.3 | 1068.2 |
| 10° | 1126.7 | 1119.5 | 1112.3 | 1109.2 | 1102.0 | 1096.9 | 1089.7 | 1080.5 | 1075.4 | 1066.1 | 1064.1 |
| 12.5° | 1132.8 | 1119.5 | 1108.2 | 1100.0 | 1089.7 | 1078.4 | 1071.3 | 1066.1 | 1058.9 | 1053.8 | 1051.8 |
| 15° | 1121.5 | 1104.1 | 1086.6 | 1071.3 | 1054.8 | 1042.5 | 1035.3 | 1027.1 | 1018.9 | 1015.8 | 1015.8 |
| 17.5° | 1090.8 | 1068.2 | 1038.4 | 1018.9 | 1001.5 | 988.1 | 978.9 | 970.7 | 969.7 | 965.6 | 967.6 |
| 20° | 1027.1 | 997.4 | 968.6 | 954.3 | 944.0 | 935.8 | 926.6 | 922.5 | 919.4 | 913.2 | 911.2 |
| 22.5° | 938.9 | 914.3 | 893.7 | 883.5 | 875.3 | 865.0 | 856.8 | 844.5 | 841.4 | 835.2 | 832.2 |
| 25° | 841.4 | 821.9 | 804.5 | 797.3 | 792.2 | 777.8 | 772.7 | 756.2 | 745.0 | 737.8 | 741.9 |
| 27.5° | 743.9 | 729.6 | 713.1 | 703.9 | 700.8 | 687.5 | 682.4 | 663.9 | 654.7 | 654.7 | 644.4 |
| 30° | 643.4 | 630.0 | 619.8 | 609.5 | 607.5 | 591.0 | 577.7 | 570.5 | 560.3 | 556.1 | 549.0 |
| 32.5° | 549.0 | 535.6 | 527.4 | 522.3 | 514.1 | 500.7 | 487.4 | 475.1 | 458.7 | 452.5 | 449.4 |
| 35° | 461.7 | 451.5 | 441.2 | 437.1 | 425.8 | 411.5 | 395.1 | 384.8 | 365.3 | 358.1 | 355.0 |
| 37.5° | 395.1 | 382.7 | 375.6 | 364.3 | 353.0 | 337.6 | 325.3 | 316.0 | 308.9 | 305.8 | 305.8 |
| 40° | 341.7 | 332.5 | 324.2 | 315.0 | 305.8 | 297.6 | 291.4 | 289.4 | 288.3 | 288.3 | 290.4 |
| 42.5° | 301.7 | 293.5 | 289.4 | 284.2 | 281.2 | 281.2 | 280.1 | 281.2 | 282.2 | 283.2 | 286.3 |
| 45° | 275.0 | 269.9 | 267.8 | 266.8 | 268.8 | 270.9 | 271.9 | 274.0 | 278.1 | 280.1 | 281.2 |
| 47.5° | 260.6 | 256.5 | 255.5 | 256.5 | 259.6 | 263.7 | 267.8 | 270.9 | 274.0 | 275.0 | 276.0 |
| 50° | 246.3 | 241.1 | 239.1 | 241.1 | 245.2 | 251.4 | 254.5 | 259.6 | 261.7 | 263.7 | 261.7 |
| 52.5° | 234.0 | 229.8 | 228.8 | 228.8 | 232.9 | 237.0 | 241.1 | 245.2 | 246.3 | 246.3 | 245.2 |
| 55° | 223.7 | 220.6 | 217.5 | 219.6 | 222.7 | 226.8 | 232.9 | 236.0 | 238.1 | 239.1 | 239.1 |
| 57.5° | 215.5 | 212.4 | 209.3 | 211.4 | 214.5 | 218.6 | 224.7 | 227.8 | 229.8 | 232.9 | 234.0 |
| 60° | 209.3 | 205.2 | 202.1 | 205.2 | 208.3 | 214.5 | 219.6 | 222.7 | 227.8 | 228.8 | 228.8 |
| 62.5° | 203.2 | 199.1 | 193.9 | 197.0 | 197.0 | 200.1 | 205.2 | 209.3 | 214.5 | 216.5 | 216.5 |
| 63° | 202.1 | 198.0 | 192.9 | 195.0 | 195.0 | 197.0 | 201.1 | 205.2 | 211.4 | 213.4 | 212.4 |
| 65° | 193.9 | 192.9 | 187.8 | 187.8 | 185.7 | 187.8 | 190.9 | 195.0 | 198.0 | 201.1 | 201.1 |
| 67.5° | 180.6 | 179.6 | 178.5 | 178.5 | 178.5 | 180.6 | 182.6 | 185.7 | 188.8 | 190.9 | 189.8 |
| 70° | 165.2 | 165.2 | 165.2 | 166.2 | 166.2 | 168.3 | 169.3 | 168.3 | 171.4 | 173.4 | 172.4 |
| 72.5° | 151.9 | 150.8 | 149.8 | 151.9 | 150.8 | 150.8 | 152.9 | 151.9 | 154.9 | 154.9 | 156.0 |
| 75° | 137.5 | 136.5 | 136.5 | 137.5 | 135.4 | 133.4 | 134.4 | 134.4 | 135.4 | 135.4 | 137.5 |
| 77.5° | 125.2 | 125.2 | 125.2 | 124.2 | 122.1 | 121.1 | 120.1 | 120.1 | 120.1 | 120.1 | 121.1 |
| 80° | 113.9 | 113.9 | 113.9 | 112.9 | 110.8 | 108.8 | 106.7 | 105.7 | 104.7 | 99.5 | 99.5 |
| 82.5° | 102.6 | 102.6 | 102.6 | 102.6 | 101.6 | 99.5 | 96.5 | 88.2 | 84.1 | 80.0 | 81.1 |
| 85° | 81.1 | 83.1 | 85.2 | 88.2 | 87.2 | 87.2 | 81.1 | 70.8 | 64.6 | 60.5 | 61.6 |
| 87.5° | 52.3 | 46.2 | 46.2 | 45.1 | 43.1 | 41.0 | 41.0 | 34.9 | 28.7 | 25.7 | 26.7 |
| 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: P152941

CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 |
| 2.5° | 1078.4 | 1076.4 | 1074.3 | 1074.3 | 1071.3 | 1071.3 | 1069.2 | 1073.3 | 1069.2 | 1066.1 | 1066.1 |
| 5° | 1070.2 | 1068.2 | 1062.0 | 1061.0 | 1056.9 | 1056.9 | 1056.9 | 1054.8 | 1054.8 | 1052.8 | 1051.8 |
| 7.5° | 1065.1 | 1060.0 | 1054.8 | 1051.8 | 1051.8 | 1049.7 | 1053.8 | 1051.8 | 1052.8 | 1052.8 | 1053.8 |
| 10° | 1061.0 | 1056.9 | 1054.8 | 1053.8 | 1053.8 | 1056.9 | 1060.0 | 1061.0 | 1060.0 | 1061.0 | 1061.0 |
| 12.5° | 1050.7 | 1052.8 | 1053.8 | 1057.9 | 1063.0 | 1069.2 | 1076.4 | 1077.4 | 1079.5 | 1079.5 | 1081.5 |
| 15° | 1017.9 | 1023.0 | 1029.2 | 1039.4 | 1052.8 | 1066.1 | 1079.5 | 1090.8 | 1101.0 | 1106.1 | 1110.2 |
| 17.5° | 971.7 | 976.9 | 988.1 | 999.4 | 1016.9 | 1036.4 | 1058.9 | 1078.4 | 1100.0 | 1119.5 | 1139.0 |
| 20° | 909.1 | 917.3 | 920.4 | 940.9 | 961.5 | 988.1 | 1014.8 | 1045.6 | 1082.5 | 1119.5 | 1157.4 |
| 22.5° | 828.1 | 837.3 | 851.7 | 868.1 | 889.6 | 922.5 | 954.3 | 1002.5 | 1051.8 | 1104.1 | 1163.6 |
| 25° | 737.8 | 748.0 | 760.3 | 777.8 | 799.3 | 834.2 | 880.4 | 931.7 | 992.2 | 1061.0 | 1134.9 |
| 27.5° | 644.4 | 654.7 | 664.9 | 677.2 | 701.9 | 738.8 | 793.2 | 846.5 | 913.2 | 988.1 | 1074.3 |
| 30° | 551.0 | 552.0 | 558.2 | 573.6 | 599.2 | 647.5 | 687.5 | 754.2 | 824.0 | 903.0 | 1002.5 |
| 32.5° | 448.4 | 447.4 | 454.6 | 467.9 | 492.5 | 538.7 | 588.0 | 652.6 | 721.4 | 820.9 | 923.5 |
| 35° | 357.1 | 357.1 | 370.4 | 383.8 | 411.5 | 444.3 | 487.4 | 544.9 | 625.9 | 718.3 | 820.9 |
| 37.5° | 308.9 | 316.0 | 324.2 | 337.6 | 359.1 | 384.8 | 422.8 | 473.0 | 536.7 | 624.9 | 719.3 |
| 40° | 293.5 | 297.6 | 304.8 | 317.1 | 335.5 | 359.1 | 386.8 | 424.8 | 474.1 | 544.9 | 631.1 |
| 42.5° | 287.3 | 288.3 | 292.4 | 301.7 | 318.1 | 341.7 | 370.4 | 404.3 | 441.2 | 491.5 | 566.4 |
| 45° | 281.2 | 280.1 | 282.2 | 289.4 | 302.7 | 329.4 | 362.2 | 399.2 | 436.1 | 478.2 | 539.7 |
| 47.5° | 276.0 | 276.0 | 276.0 | 279.1 | 291.4 | 318.1 | 356.1 | 399.2 | 443.3 | 490.5 | 551.0 |
| 50° | 261.7 | 260.6 | 260.6 | 262.7 | 271.9 | 300.6 | 345.8 | 398.1 | 455.6 | 517.2 | 585.9 |
| 52.5° | 245.2 | 245.2 | 246.3 | 247.3 | 255.5 | 284.2 | 334.5 | 398.1 | 470.0 | 552.0 | 638.2 |
| 55° | 240.1 | 241.1 | 242.2 | 241.1 | 247.3 | 271.9 | 322.2 | 392.0 | 476.1 | 579.7 | 694.7 |
| 57.5° | 236.0 | 238.1 | 238.1 | 237.0 | 241.1 | 261.7 | 309.9 | 379.7 | 471.0 | 590.0 | 734.7 |
| 60° | 229.8 | 229.8 | 229.8 | 226.8 | 228.8 | 247.3 | 291.4 | 360.2 | 454.6 | 580.8 | 740.8 |
| 62.5° | 216.5 | 216.5 | 214.5 | 213.4 | 212.4 | 226.8 | 266.8 | 331.4 | 424.8 | 556.1 | 725.5 |
| 63° | 213.4 | 212.4 | 212.4 | 209.3 | 209.3 | 222.7 | 261.7 | 327.3 | 416.6 | 550.0 | 719.3 |
| 65° | 202.1 | 202.1 | 202.1 | 200.1 | 199.1 | 209.3 | 241.1 | 298.6 | 384.8 | 521.3 | 688.5 |
| 67.5° | 189.8 | 190.9 | 188.8 | 187.8 | 186.8 | 192.9 | 217.5 | 262.7 | 335.5 | 460.7 | 631.1 |
| 70° | 172.4 | 173.4 | 173.4 | 172.4 | 171.4 | 175.5 | 190.9 | 225.7 | 278.1 | 383.8 | 537.7 |
| 72.5° | 157.0 | 159.0 | 159.0 | 161.1 | 161.1 | 164.2 | 170.3 | 187.8 | 222.7 | 299.6 | 422.8 |
| 75° | 140.6 | 141.6 | 143.7 | 145.7 | 143.7 | 142.6 | 143.7 | 157.0 | 174.4 | 221.6 | 301.7 |
| 77.5° | 126.2 | 129.3 | 129.3 | 128.3 | 125.2 | 123.1 | 123.1 | 129.3 | 143.7 | 168.3 | 215.5 |
| 80° | 104.7 | 109.8 | 110.8 | 107.7 | 104.7 | 104.7 | 106.7 | 110.8 | 120.1 | 138.5 | 163.2 |
| 82.5° | 84.1 | 89.3 | 90.3 | 91.3 | 90.3 | 93.4 | 93.4 | 94.4 | 99.5 | 113.9 | 133.4 |
| 85° | 64.6 | 68.7 | 71.8 | 72.9 | 73.9 | 74.9 | 73.9 | 68.7 | 71.8 | 81.1 | 90.3 |
| 87.5° | 28.7 | 29.8 | 27.7 | 28.7 | 27.7 | 28.7 | 29.8 | 24.6 | 23.6 | 31.8 | 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 |



TEST NUMBER: P152941

CATALOG NUMBER: TLM-E03-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 | 1076.4 |
| 2.5° | 1065.1 | 1065.1 | 1066.1 | 1064.1 | 1064.1 | 1065.1 | 1062.0 |
| 5° | 1048.7 | 1052.8 | 1052.8 | 1052.8 | 1050.7 | 1052.8 | 1053.8 |
| 7.5° | 1052.8 | 1055.9 | 1057.9 | 1057.9 | 1056.9 | 1061.0 | 1064.1 |
| 10° | 1057.9 | 1063.0 | 1065.1 | 1065.1 | 1065.1 | 1070.2 | 1077.4 |
| 12.5° | 1077.4 | 1081.5 | 1084.6 | 1084.6 | 1086.6 | 1092.8 | 1101.0 |
| 15° | 1113.3 | 1118.5 | 1118.5 | 1117.4 | 1123.6 | 1130.8 | 1140.0 |
| 17.5° | 1153.3 | 1167.7 | 1174.9 | 1173.9 | 1179.0 | 1188.2 | 1198.5 |
| 20° | 1191.3 | 1231.3 | 1248.8 | 1261.1 | 1266.2 | 1278.5 | 1281.6 |
| 22.5° | 1223.1 | 1289.8 | 1338.0 | 1379.1 | 1398.6 | 1410.9 | 1425.3 |
| 25° | 1211.8 | 1302.1 | 1388.3 | 1472.5 | 1532.0 | 1592.5 | 1618.2 |
| 27.5° | 1165.7 | 1278.5 | 1391.4 | 1514.5 | 1622.3 | 1730.0 | 1808.0 |
| 30° | 1109.2 | 1244.7 | 1396.5 | 1571.0 | 1741.3 | 1906.5 | 2037.8 |
| 32.5° | 1044.6 | 1212.9 | 1407.8 | 1623.3 | 1847.0 | 2063.5 | 2253.3 |
| 35° | 963.5 | 1152.3 | 1380.1 | 1628.4 | 1892.1 | 2154.8 | 2401.1 |
| 37.5° | 860.9 | 1070.2 | 1315.5 | 1591.5 | 1894.2 | 2194.8 | 2489.3 |
| 40° | 758.3 | 966.6 | 1233.4 | 1538.1 | 1867.5 | 2204.1 | 2544.7 |
| 42.5° | 686.5 | 874.2 | 1150.3 | 1470.4 | 1824.4 | 2189.7 | 2571.4 |
| 45° | 637.2 | 807.5 | 1076.4 | 1408.8 | 1778.2 | 2164.1 | 2575.5 |
| 47.5° | 633.1 | 778.8 | 1028.2 | 1363.7 | 1741.3 | 2141.5 | 2575.5 |
| 50° | 668.0 | 794.2 | 1011.7 | 1341.1 | 1725.9 | 2134.3 | 2577.6 |
| 52.5° | 733.7 | 855.8 | 1041.5 | 1358.6 | 1738.2 | 2143.5 | 2586.8 |
| 55° | 812.7 | 949.1 | 1121.5 | 1419.1 | 1790.6 | 2174.3 | 2607.3 |
| 57.5° | 884.5 | 1056.9 | 1258.0 | 1536.1 | 1886.0 | 2252.3 | 2664.8 |
| 60° | 926.6 | 1149.2 | 1402.7 | 1700.3 | 2049.1 | 2407.2 | 2779.7 |
| 62.5° | 931.7 | 1200.5 | 1530.9 | 1878.8 | 2247.2 | 2584.8 | 2963.4 |
| 63° | 927.6 | 1204.6 | 1547.4 | 1912.7 | 2289.2 | 2628.9 | 3027.0 |
| 65° | 905.0 | 1205.7 | 1593.5 | 2031.7 | 2434.9 | 2814.6 | 3204.5 |
| 67.5° | 847.6 | 1172.8 | 1610.0 | 2125.1 | 2618.6 | 3058.8 | 3536.0 |
| 70° | 748.0 | 1079.5 | 1561.7 | 2127.1 | 2689.4 | 3195.3 | 3745.3 |
| 72.5° | 601.3 | 901.9 | 1353.4 | 1935.2 | 2502.7 | 3060.9 | 3690.9 |
| 75° | 440.2 | 662.9 | 1023.0 | 1499.1 | 2041.9 | 2547.8 | 3161.4 |
| 77.5° | 292.4 | 428.9 | 689.5 | 1068.2 | 1464.3 | 1833.7 | 2275.9 |
| 80° | 201.1 | 265.8 | 403.3 | 642.3 | 895.8 | 1075.4 | 1449.9 |
| 82.5° | 147.8 | 175.5 | 223.7 | 328.4 | 431.0 | 530.5 | 757.3 |
| 85° | 92.3 | 100.6 | 111.8 | 162.1 | 231.9 | 313.0 | 472.0 |
| 87.5° | 24.6 | 25.7 | 23.6 | 31.8 | 50.3 | 48.2 | 53.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)