

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: P150646

Luminaire Tested: **TLM-F01-LED-E1-SL3-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P150646
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TLM-F01-LED-E1-SL3-HSS-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND
HOUSE SIDE SHIELD
Light Source: (7) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1468.7 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 4.23 / 3.52 / 4.34
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
CIE Type: Direct

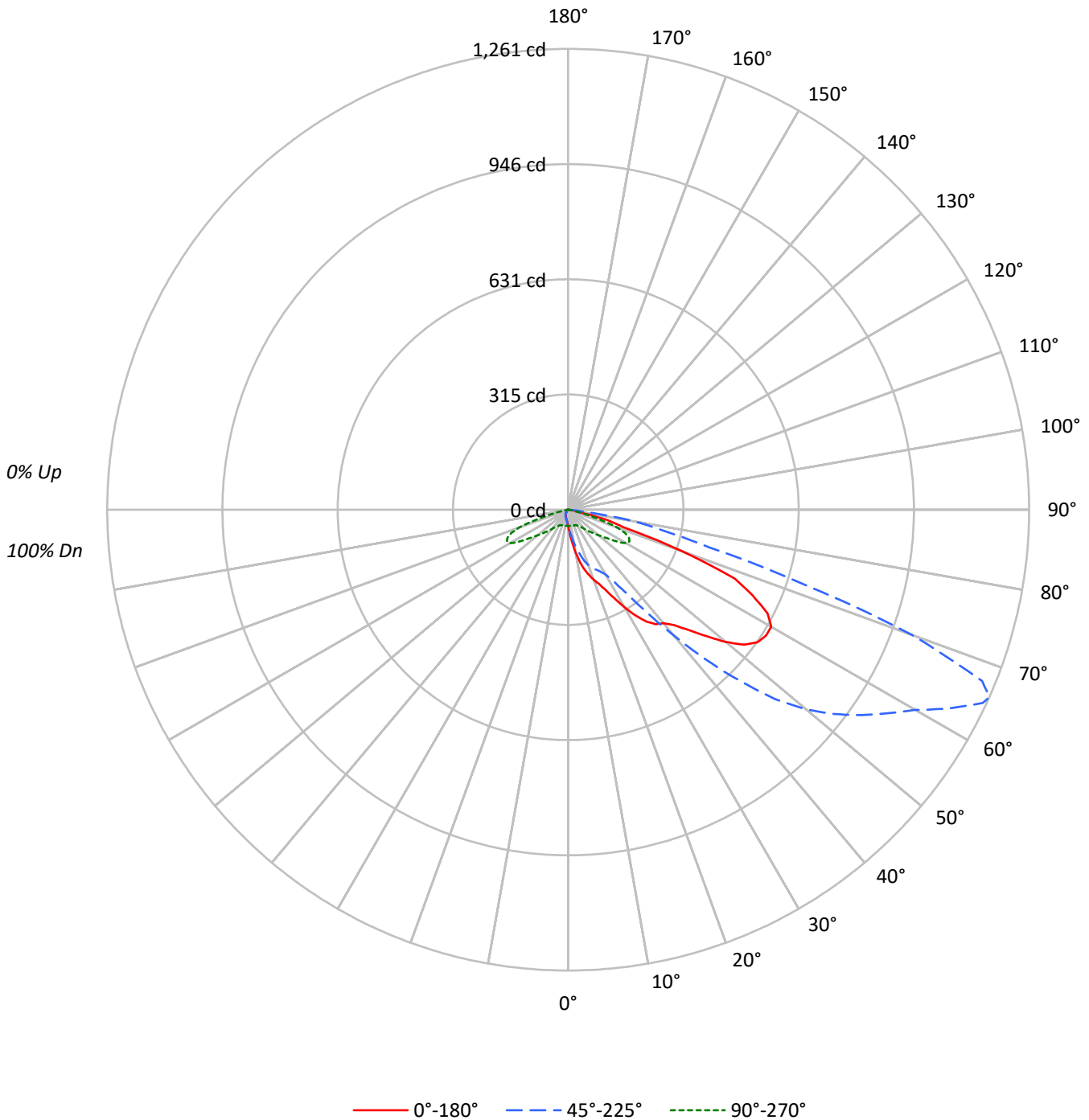
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P150646

CATALOG NUMBER: TLM-F01-LED-E1-SL3-HSS-7050

Luminous Intensity Polar Plot





TEST NUMBER: P150646

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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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 105 | 98 | 93 | 87 | 102 | 96 | 91 | 86 | 92 | 87 | 83 | 88 | 84 | 81 | 84 | 81 | 78 | 76 |
| 2 | 91 | 80 | 71 | 63 | 88 | 78 | 69 | 62 | 74 | 67 | 61 | 71 | 64 | 59 | 67 | 62 | 58 | 55 |
| 3 | 80 | 66 | 55 | 46 | 77 | 64 | 54 | 46 | 61 | 52 | 45 | 58 | 50 | 44 | 55 | 48 | 43 | 40 |
| 4 | 71 | 55 | 43 | 35 | 68 | 53 | 43 | 34 | 51 | 41 | 34 | 48 | 40 | 33 | 45 | 38 | 32 | 30 |
| 5 | 63 | 47 | 35 | 27 | 61 | 45 | 34 | 26 | 43 | 33 | 26 | 41 | 32 | 26 | 39 | 31 | 25 | 23 |
| 6 | 57 | 40 | 29 | 21 | 55 | 39 | 29 | 21 | 37 | 28 | 21 | 35 | 27 | 20 | 33 | 26 | 20 | 17 |
| 7 | 52 | 35 | 24 | 17 | 50 | 34 | 24 | 17 | 33 | 23 | 17 | 31 | 23 | 16 | 29 | 22 | 16 | 14 |
| 8 | 48 | 31 | 21 | 14 | 46 | 30 | 21 | 14 | 29 | 20 | 14 | 28 | 19 | 13 | 26 | 19 | 13 | 11 |
| 9 | 44 | 28 | 18 | 12 | 42 | 27 | 18 | 12 | 26 | 17 | 11 | 25 | 17 | 11 | 24 | 16 | 11 | 9 |
| 10 | 41 | 25 | 16 | 10 | 39 | 25 | 16 | 10 | 24 | 15 | 10 | 23 | 15 | 10 | 22 | 15 | 10 | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|------|
| 0° | 2805 | 2805 | 2805 |
| 5° | 4703 | 2825 | 2066 |
| 10° | 7715 | 2851 | 1723 |
| 15° | 11013 | 2973 | 1462 |
| 20° | 13698 | 3073 | 1253 |
| 25° | 16942 | 3252 | 1062 |
| 30° | 22526 | 3645 | 907 |
| 35° | 28893 | 4309 | 765 |
| 40° | 33516 | 5670 | 603 |
| 45° | 41620 | 7660 | 457 |
| 50° | 55428 | 10683 | 443 |
| 55° | 69822 | 15615 | 497 |
| 60° | 81198 | 23168 | 532 |
| 65° | 83465 | 27515 | 599 |
| 70° | 60999 | 26427 | 685 |
| 75° | 27497 | 11498 | 905 |
| 80° | 4959 | 2881 | 1349 |
| 85° | 436 | 2543 | 2470 |



TEST NUMBER: P150646

CATALOG NUMBER: TLM-F01-LED-E1-SL3-HSS-7050

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 5.0 | 0.3 |
| 10°-20° | 21.0 | 1.4 |
| 20°-30° | 45.4 | 3.1 |
| 30°-40° | 96.9 | 6.6 |
| 40°-50° | 214.3 | 14.6 |
| 50°-60° | 363.2 | 24.7 |
| 60°-70° | 484.7 | 33.0 |
| 70°-80° | 213.5 | 14.5 |
| 80°-90° | 24.6 | 1.7 |
| 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° | 71.4 | 4.9 |
| 0°-40° | 168.3 | 11.5 |
| 0°-60° | 745.9 | 50.8 |
| 0°-90° | 1468.7 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1468.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|------|-----|------|------|------|
| 0° | 44 | 44 | 44 | 44 | 44 | |
| 5° | 74 | 63 | 44 | 34 | 32 | 8 |
| 15° | 168 | 128 | 45 | 24 | 22 | 48 |
| 25° | 242 | 181 | 47 | 18 | 15 | 116 |
| 35° | 374 | 280 | 56 | 12 | 10 | 232 |
| 45° | 465 | 659 | 86 | 7 | 5 | 367 |
| 55° | 632 | 980 | 141 | 3 | 4 | 557 |
| 65° | 557 | 1251 | 184 | 2 | 4 | 532 |
| 75° | 112 | 400 | 47 | 2 | 4 | 124 |
| 85° | 1 | 8 | 4 | 2 | 3 | 3 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P150646

CATALOG NUMBER: TLM-F01-LED-E1-SL3-HSS-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 67° | 68° |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0° | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| 2.5° | 55.9 | 55.6 | 54.5 | 54.5 | 52.8 | 51.7 | 50.3 | 48.8 | 48.8 | 48.6 | 48.3 |
| 5° | 74.0 | 72.3 | 72.0 | 68.9 | 66.4 | 62.7 | 59.3 | 54.8 | 54.2 | 53.6 | 53.4 |
| 7.5° | 94.0 | 93.7 | 91.2 | 87.5 | 82.4 | 75.7 | 68.9 | 61.6 | 60.4 | 59.9 | 58.7 |
| 10° | 120.0 | 118.6 | 115.2 | 109.0 | 101.4 | 92.3 | 81.3 | 69.7 | 68.3 | 67.2 | 66.6 |
| 12.5° | 144.8 | 142.3 | 140.3 | 132.4 | 122.8 | 109.6 | 96.3 | 79.6 | 78.5 | 77.1 | 74.8 |
| 15° | 168.0 | 165.7 | 162.4 | 155.6 | 144.8 | 128.2 | 112.7 | 92.3 | 89.5 | 87.5 | 85.8 |
| 17.5° | 186.1 | 184.7 | 180.7 | 173.1 | 161.5 | 146.8 | 128.2 | 105.3 | 103.1 | 100.5 | 97.4 |
| 20° | 203.3 | 201.3 | 195.1 | 184.7 | 172.2 | 160.9 | 146.5 | 122.3 | 119.2 | 116.0 | 112.7 |
| 22.5° | 219.7 | 217.7 | 207.5 | 190.3 | 177.0 | 172.2 | 167.2 | 141.5 | 136.7 | 134.1 | 130.7 |
| 25° | 242.5 | 238.3 | 222.5 | 195.1 | 177.3 | 181.0 | 189.7 | 166.3 | 161.8 | 158.1 | 152.8 |
| 27.5° | 273.3 | 267.7 | 242.8 | 202.2 | 178.5 | 190.6 | 215.7 | 196.5 | 191.7 | 187.5 | 181.6 |
| 30° | 308.1 | 304.4 | 274.7 | 219.1 | 186.6 | 204.7 | 244.8 | 234.9 | 229.3 | 224.2 | 217.1 |
| 32.5° | 343.1 | 338.0 | 308.6 | 251.3 | 208.7 | 232.1 | 281.2 | 279.5 | 272.2 | 267.4 | 259.8 |
| 35° | 373.8 | 371.3 | 349.6 | 304.1 | 258.9 | 280.1 | 329.8 | 331.8 | 325.3 | 320.2 | 311.7 |
| 37.5° | 394.7 | 394.7 | 390.5 | 360.9 | 338.8 | 354.6 | 401.2 | 401.5 | 395.0 | 383.4 | 379.2 |
| 40° | 405.5 | 408.6 | 423.8 | 429.5 | 428.3 | 448.7 | 495.0 | 489.9 | 484.5 | 478.6 | 464.5 |
| 42.5° | 427.5 | 430.3 | 462.8 | 501.8 | 527.2 | 554.0 | 585.9 | 584.2 | 577.7 | 567.0 | 554.0 |
| 45° | 464.8 | 468.4 | 507.1 | 569.0 | 621.2 | 659.3 | 679.6 | 671.7 | 665.2 | 655.1 | 648.3 |
| 47.5° | 512.2 | 519.3 | 563.0 | 639.5 | 702.5 | 765.5 | 786.7 | 765.8 | 760.1 | 752.2 | 741.2 |
| 50° | 562.7 | 569.5 | 616.1 | 703.6 | 774.8 | 849.9 | 885.2 | 849.9 | 841.7 | 839.2 | 826.7 |
| 52.5° | 606.5 | 612.2 | 657.0 | 753.1 | 830.1 | 918.2 | 969.6 | 923.0 | 917.1 | 908.6 | 899.6 |
| 55° | 632.5 | 637.0 | 679.1 | 776.8 | 867.7 | 979.8 | 1051.2 | 1010.3 | 1001.5 | 998.1 | 985.1 |
| 57.5° | 641.2 | 645.8 | 683.6 | 779.9 | 888.0 | 1036.0 | 1150.3 | 1151.7 | 1141.3 | 1129.2 | 1125.2 |
| 60° | 641.2 | 646.3 | 678.2 | 772.3 | 907.8 | 1095.8 | 1282.5 | 1400.2 | 1377.6 | 1375.4 | 1361.0 |
| 62.5° | 614.7 | 619.5 | 651.7 | 748.8 | 934.3 | 1176.6 | 1466.6 | 1674.4 | 1667.9 | 1653.2 | 1629.5 |
| 65° | 557.1 | 559.9 | 591.5 | 689.0 | 924.2 | 1250.8 | 1626.1 | 1856.8 | 1846.3 | 1817.5 | 1787.0 |
| 66° | 531.1 | 533.4 | 563.0 | 654.8 | 890.8 | 1261.0 | 1654.3 | 1879.7 | 1862.4 | 1838.2 | 1803.7 |
| 67.5° | 493.6 | 497.5 | 518.4 | 591.3 | 810.9 | 1225.7 | 1636.6 | 1863.6 | 1848.6 | 1819.2 | 1784.8 |
| 70° | 329.5 | 326.7 | 400.4 | 453.8 | 617.8 | 998.7 | 1468.3 | 1673.3 | 1673.5 | 1659.7 | 1645.9 |
| 72.5° | 156.4 | 158.1 | 179.6 | 279.3 | 404.3 | 667.2 | 1168.7 | 1335.6 | 1354.8 | 1329.9 | 1312.7 |
| 75° | 112.4 | 114.9 | 127.9 | 170.8 | 241.1 | 400.4 | 757.6 | 934.0 | 934.6 | 890.6 | 851.3 |
| 77.5° | 32.8 | 34.2 | 48.0 | 105.3 | 180.7 | 270.2 | 435.1 | 519.3 | 507.1 | 475.5 | 445.8 |
| 80° | 13.6 | 13.6 | 14.1 | 33.6 | 72.6 | 183.5 | 304.4 | 399.8 | 398.4 | 386.3 | 368.8 |
| 82.5° | 5.1 | 5.4 | 6.8 | 13.8 | 17.2 | 45.2 | 203.0 | 347.0 | 346.2 | 328.9 | 316.5 |
| 85° | 0.6 | 0.6 | 1.7 | 5.9 | 6.5 | 8.5 | 40.7 | 153.0 | 152.2 | 153.0 | 134.1 |
| 87.5° | 0.0 | 0.0 | 0.3 | 0.6 | 0.8 | 1.1 | 1.7 | 5.9 | 6.5 | 6.2 | 5.6 |
| 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: P150646

CATALOG NUMBER: TLM-F01-LED-E1-SL3-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 69° | 70° | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| 2.5° | 48.3 | 47.7 | 47.7 | 47.4 | 47.4 | 47.4 | 47.2 | 46.9 | 46.9 | 46.6 | 46.3 |
| 5° | 52.8 | 52.2 | 52.0 | 51.4 | 51.1 | 50.8 | 50.3 | 50.0 | 49.4 | 49.1 | 48.8 |
| 7.5° | 58.2 | 57.0 | 56.8 | 55.9 | 55.1 | 54.5 | 53.9 | 53.1 | 52.5 | 51.4 | 51.1 |
| 10° | 64.9 | 63.5 | 62.4 | 61.3 | 60.4 | 59.0 | 58.2 | 57.0 | 55.9 | 55.1 | 54.2 |
| 12.5° | 73.7 | 71.7 | 70.0 | 68.9 | 66.9 | 65.2 | 63.5 | 62.7 | 60.4 | 59.3 | 57.9 |
| 15° | 83.3 | 81.0 | 79.1 | 76.8 | 75.4 | 72.6 | 70.3 | 67.8 | 66.6 | 64.7 | 62.4 |
| 17.5° | 95.7 | 92.0 | 88.9 | 86.7 | 83.9 | 81.0 | 78.5 | 76.0 | 72.6 | 70.3 | 67.5 |
| 20° | 109.0 | 105.9 | 101.6 | 97.7 | 94.3 | 90.9 | 87.2 | 83.9 | 80.8 | 77.1 | 73.7 |
| 22.5° | 125.9 | 121.4 | 116.3 | 112.4 | 107.9 | 104.2 | 99.1 | 94.6 | 89.5 | 84.7 | 80.8 |
| 25° | 147.4 | 141.5 | 136.7 | 131.0 | 125.6 | 120.0 | 113.8 | 108.1 | 101.6 | 97.1 | 90.4 |
| 27.5° | 173.9 | 168.3 | 161.8 | 154.5 | 149.1 | 140.6 | 132.4 | 125.4 | 117.7 | 110.7 | 103.1 |
| 30° | 207.8 | 199.6 | 192.9 | 185.8 | 175.1 | 166.9 | 157.3 | 147.7 | 137.2 | 130.2 | 118.6 |
| 32.5° | 248.5 | 239.7 | 229.6 | 219.4 | 209.5 | 197.9 | 186.1 | 174.2 | 162.6 | 149.7 | 137.8 |
| 35° | 298.2 | 287.7 | 276.1 | 265.1 | 249.9 | 237.5 | 222.5 | 206.1 | 193.1 | 178.2 | 163.2 |
| 37.5° | 364.0 | 346.7 | 336.6 | 325.0 | 304.4 | 287.4 | 270.8 | 254.4 | 231.5 | 215.7 | 194.5 |
| 40° | 446.4 | 436.2 | 419.6 | 400.9 | 382.3 | 360.0 | 337.4 | 315.7 | 289.1 | 267.1 | 242.5 |
| 42.5° | 543.3 | 528.3 | 511.4 | 484.5 | 465.6 | 439.3 | 413.7 | 384.9 | 352.4 | 324.1 | 295.3 |
| 45° | 634.2 | 616.4 | 603.4 | 576.6 | 556.8 | 525.8 | 494.7 | 464.2 | 426.6 | 390.2 | 356.9 |
| 47.5° | 732.4 | 717.8 | 696.3 | 674.6 | 654.5 | 619.5 | 585.9 | 548.9 | 509.4 | 466.2 | 423.0 |
| 50° | 818.8 | 807.3 | 792.6 | 766.3 | 744.0 | 714.6 | 675.1 | 634.7 | 584.8 | 541.8 | 492.7 |
| 52.5° | 892.3 | 883.2 | 862.6 | 844.0 | 823.9 | 796.3 | 761.0 | 722.3 | 668.3 | 621.2 | 565.3 |
| 55° | 978.9 | 972.4 | 954.4 | 942.8 | 925.0 | 898.5 | 865.4 | 829.6 | 772.5 | 721.1 | 657.9 |
| 57.5° | 1121.0 | 1115.9 | 1100.1 | 1095.3 | 1077.8 | 1054.6 | 1013.9 | 975.5 | 908.9 | 845.1 | 772.8 |
| 60° | 1356.2 | 1346.0 | 1322.8 | 1311.0 | 1274.0 | 1242.9 | 1190.1 | 1137.3 | 1056.9 | 975.5 | 888.6 |
| 62.5° | 1608.0 | 1579.5 | 1535.5 | 1497.6 | 1445.1 | 1391.2 | 1320.6 | 1239.8 | 1145.5 | 1049.0 | 949.0 |
| 65° | 1743.8 | 1695.3 | 1639.7 | 1579.5 | 1511.5 | 1432.1 | 1343.2 | 1246.3 | 1145.0 | 1043.0 | 937.4 |
| 66° | 1759.4 | 1704.6 | 1645.6 | 1578.7 | 1503.0 | 1418.6 | 1328.2 | 1226.6 | 1121.2 | 1021.9 | 916.3 |
| 67.5° | 1739.9 | 1682.6 | 1620.2 | 1545.9 | 1464.0 | 1376.5 | 1281.6 | 1176.0 | 1074.7 | 973.9 | 871.1 |
| 70° | 1603.5 | 1546.5 | 1490.9 | 1412.6 | 1325.4 | 1237.3 | 1147.5 | 1029.5 | 933.5 | 840.9 | 749.4 |
| 72.5° | 1280.5 | 1241.8 | 1186.8 | 1119.8 | 1034.8 | 931.5 | 856.7 | 751.1 | 667.8 | 578.0 | 507.1 |
| 75° | 800.2 | 745.7 | 677.7 | 592.4 | 527.4 | 443.6 | 399.8 | 319.6 | 272.2 | 230.7 | 190.6 |
| 77.5° | 409.1 | 368.2 | 320.5 | 272.5 | 226.5 | 180.7 | 139.8 | 98.8 | 66.6 | 46.3 | 34.4 |
| 80° | 338.0 | 301.8 | 262.3 | 218.5 | 177.9 | 138.1 | 99.4 | 67.8 | 43.2 | 28.2 | 22.0 |
| 82.5° | 279.3 | 248.8 | 213.5 | 172.8 | 137.5 | 108.4 | 75.4 | 49.1 | 30.5 | 19.8 | 15.5 |
| 85° | 118.9 | 107.9 | 83.3 | 66.1 | 49.7 | 36.7 | 25.7 | 17.2 | 12.1 | 9.9 | 9.0 |
| 87.5° | 5.1 | 5.6 | 5.4 | 4.2 | 3.1 | 3.1 | 2.8 | 2.3 | 2.3 | 2.3 | 2.3 |
| 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: P150646

CATALOG NUMBER: TLM-F01-LED-E1-SL3-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 80° | 81° | 82° | 83° | 84° | 85° | 95° | 105° | 115° | 125° | 135° |
|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 0° | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| 2.5° | 46.3 | 46.0 | 45.7 | 45.7 | 45.5 | 45.2 | 43.5 | 42.1 | 40.4 | 39.2 | 38.1 |
| 5° | 48.3 | 48.0 | 47.4 | 47.2 | 46.6 | 46.3 | 42.6 | 39.5 | 37.0 | 35.0 | 33.6 |
| 7.5° | 50.3 | 50.0 | 49.1 | 48.3 | 48.0 | 47.4 | 41.5 | 37.6 | 34.2 | 31.9 | 30.5 |
| 10° | 52.8 | 52.0 | 51.1 | 50.0 | 49.1 | 48.3 | 40.4 | 35.3 | 31.6 | 29.6 | 28.2 |
| 12.5° | 56.5 | 55.1 | 53.6 | 52.2 | 51.1 | 49.7 | 39.8 | 33.3 | 29.6 | 27.4 | 26.0 |
| 15° | 60.7 | 58.7 | 57.0 | 55.3 | 53.4 | 52.0 | 38.7 | 31.6 | 28.0 | 25.7 | 24.0 |
| 17.5° | 64.7 | 62.4 | 59.9 | 57.3 | 55.3 | 53.4 | 37.6 | 29.9 | 26.3 | 24.0 | 22.3 |
| 20° | 70.3 | 66.9 | 63.8 | 60.7 | 57.9 | 55.3 | 35.9 | 28.2 | 24.8 | 22.3 | 20.6 |
| 22.5° | 76.5 | 72.6 | 68.6 | 64.4 | 60.7 | 57.3 | 34.4 | 26.8 | 23.4 | 20.9 | 18.9 |
| 25° | 84.4 | 79.6 | 74.3 | 68.9 | 64.7 | 60.1 | 33.0 | 25.4 | 22.0 | 19.5 | 17.5 |
| 27.5° | 95.4 | 88.7 | 82.7 | 76.0 | 69.5 | 64.4 | 31.9 | 24.3 | 20.6 | 18.1 | 16.1 |
| 30° | 110.4 | 100.5 | 91.2 | 83.9 | 76.2 | 68.9 | 30.8 | 22.9 | 19.5 | 16.7 | 14.4 |
| 32.5° | 127.1 | 115.5 | 104.8 | 93.7 | 84.1 | 75.7 | 29.6 | 21.7 | 18.1 | 15.2 | 13.3 |
| 35° | 147.7 | 133.0 | 118.6 | 105.9 | 94.3 | 83.0 | 28.5 | 20.6 | 16.9 | 13.8 | 11.9 |
| 37.5° | 177.3 | 159.0 | 140.0 | 123.7 | 108.7 | 93.7 | 27.7 | 19.5 | 15.5 | 12.4 | 10.4 |
| 40° | 218.0 | 194.3 | 171.1 | 148.8 | 129.3 | 110.7 | 26.5 | 18.4 | 14.4 | 11.3 | 9.3 |
| 42.5° | 262.0 | 233.2 | 202.7 | 177.6 | 150.8 | 127.3 | 25.4 | 17.2 | 13.3 | 10.2 | 8.2 |
| 45° | 316.8 | 280.9 | 244.0 | 209.8 | 177.0 | 146.8 | 24.3 | 16.1 | 11.9 | 9.0 | 7.1 |
| 47.5° | 376.7 | 330.9 | 289.1 | 246.2 | 207.3 | 171.1 | 22.9 | 15.2 | 10.7 | 7.9 | 6.2 |
| 50° | 438.2 | 389.9 | 337.1 | 288.3 | 242.0 | 195.4 | 21.5 | 13.8 | 9.6 | 7.1 | 5.1 |
| 52.5° | 504.6 | 447.5 | 393.6 | 332.9 | 279.0 | 227.3 | 20.0 | 12.7 | 8.8 | 6.2 | 4.2 |
| 55° | 589.0 | 525.2 | 461.9 | 393.9 | 328.9 | 264.3 | 18.6 | 11.3 | 7.6 | 5.4 | 3.4 |
| 57.5° | 695.2 | 619.5 | 541.8 | 465.0 | 386.3 | 312.9 | 17.5 | 9.9 | 6.5 | 4.5 | 2.8 |
| 60° | 795.4 | 707.0 | 613.0 | 524.6 | 435.7 | 350.1 | 15.8 | 8.8 | 5.6 | 3.7 | 2.8 |
| 62.5° | 847.4 | 746.6 | 645.2 | 547.8 | 452.9 | 363.4 | 14.1 | 7.3 | 4.8 | 3.1 | 2.5 |
| 65° | 834.7 | 731.9 | 633.6 | 535.4 | 442.5 | 354.9 | 12.4 | 6.5 | 4.2 | 2.8 | 2.5 |
| 66° | 816.3 | 714.6 | 615.8 | 522.4 | 433.7 | 345.9 | 11.6 | 6.2 | 4.0 | 2.8 | 2.3 |
| 67.5° | 776.2 | 677.9 | 583.6 | 496.7 | 409.7 | 328.7 | 10.4 | 5.6 | 3.7 | 2.5 | 2.3 |
| 70° | 663.0 | 573.8 | 498.4 | 421.0 | 350.1 | 277.0 | 8.5 | 4.8 | 3.1 | 2.3 | 2.3 |
| 72.5° | 438.8 | 378.1 | 327.8 | 282.1 | 235.8 | 183.0 | 7.1 | 4.0 | 2.5 | 2.3 | 2.0 |
| 75° | 165.5 | 149.7 | 128.5 | 115.5 | 100.8 | 88.4 | 5.6 | 2.5 | 2.0 | 2.0 | 2.0 |
| 77.5° | 29.4 | 27.1 | 24.0 | 22.0 | 20.3 | 18.6 | 4.5 | 1.7 | 1.7 | 2.0 | 2.0 |
| 80° | 19.8 | 18.4 | 16.7 | 15.2 | 14.1 | 12.7 | 3.1 | 1.4 | 1.7 | 1.7 | 2.0 |
| 82.5° | 14.1 | 13.3 | 12.4 | 11.3 | 10.4 | 9.3 | 2.0 | 1.4 | 1.7 | 1.7 | 1.7 |
| 85° | 8.5 | 7.9 | 7.3 | 6.8 | 5.9 | 5.6 | 1.4 | 1.4 | 1.4 | 1.7 | 1.7 |
| 87.5° | 2.3 | 2.0 | 2.3 | 2.3 | 1.7 | 2.0 | 1.1 | 1.1 | 1.1 | 1.4 | 1.4 |
| 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: P150646

CATALOG NUMBER: TLM-F01-LED-E1-SL3-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|
| 0° | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| 2.5° | 37.6 | 37.6 | 37.0 | 37.8 | 37.8 |
| 5° | 32.5 | 32.5 | 32.2 | 32.5 | 32.5 |
| 7.5° | 29.6 | 29.4 | 29.4 | 29.4 | 29.6 |
| 10° | 27.1 | 26.8 | 26.8 | 26.8 | 26.8 |
| 12.5° | 24.8 | 24.6 | 24.3 | 24.6 | 24.6 |
| 15° | 22.9 | 22.3 | 22.3 | 22.3 | 22.3 |
| 17.5° | 21.2 | 20.6 | 20.3 | 20.3 | 20.3 |
| 20° | 19.5 | 18.6 | 18.6 | 18.6 | 18.6 |
| 22.5° | 17.8 | 16.9 | 16.9 | 16.9 | 16.9 |
| 25° | 16.1 | 15.2 | 15.2 | 15.2 | 15.2 |
| 27.5° | 14.7 | 13.8 | 13.8 | 13.8 | 13.8 |
| 30° | 13.0 | 12.4 | 12.4 | 12.7 | 12.4 |
| 32.5° | 11.9 | 11.0 | 11.0 | 11.3 | 11.3 |
| 35° | 10.4 | 9.9 | 9.9 | 9.9 | 9.9 |
| 37.5° | 9.0 | 8.5 | 8.5 | 8.5 | 8.5 |
| 40° | 7.9 | 7.3 | 7.1 | 7.3 | 7.3 |
| 42.5° | 6.8 | 6.2 | 5.9 | 5.9 | 5.9 |
| 45° | 5.9 | 5.1 | 4.8 | 5.1 | 5.1 |
| 47.5° | 4.8 | 4.2 | 4.2 | 4.5 | 4.5 |
| 50° | 3.7 | 3.7 | 4.0 | 4.5 | 4.5 |
| 52.5° | 3.4 | 3.4 | 4.0 | 4.5 | 4.5 |
| 55° | 3.1 | 3.4 | 4.0 | 4.2 | 4.5 |
| 57.5° | 2.8 | 3.4 | 4.0 | 4.2 | 4.2 |
| 60° | 2.8 | 3.1 | 3.7 | 4.2 | 4.2 |
| 62.5° | 2.5 | 2.8 | 3.4 | 4.0 | 4.0 |
| 65° | 2.5 | 2.8 | 3.4 | 4.0 | 4.0 |
| 66° | 2.5 | 2.8 | 3.4 | 4.0 | 4.0 |
| 67.5° | 2.5 | 2.8 | 3.4 | 4.0 | 4.0 |
| 70° | 2.5 | 2.8 | 3.4 | 3.7 | 3.7 |
| 72.5° | 2.3 | 2.5 | 3.1 | 3.7 | 3.7 |
| 75° | 2.3 | 2.5 | 3.1 | 3.7 | 3.7 |
| 77.5° | 2.3 | 2.5 | 3.1 | 3.7 | 3.7 |
| 80° | 2.3 | 2.5 | 3.1 | 3.4 | 3.7 |
| 82.5° | 2.0 | 2.5 | 2.8 | 3.4 | 3.4 |
| 85° | 2.0 | 2.3 | 2.8 | 3.1 | 3.4 |
| 87.5° | 1.7 | 2.0 | 2.3 | 2.8 | 2.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)