

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P153038

Luminaire Tested: **TMU-E01-LED-E-U-SLL-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P153038
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: STREETWORKS
Catalog Number: TMU-E01-LED-E-U-SLL-8030
Description: TALON MEDIUM LED AREA LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2348.4 lumens
Efficiency: N/A
Efficacy: 95.1 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

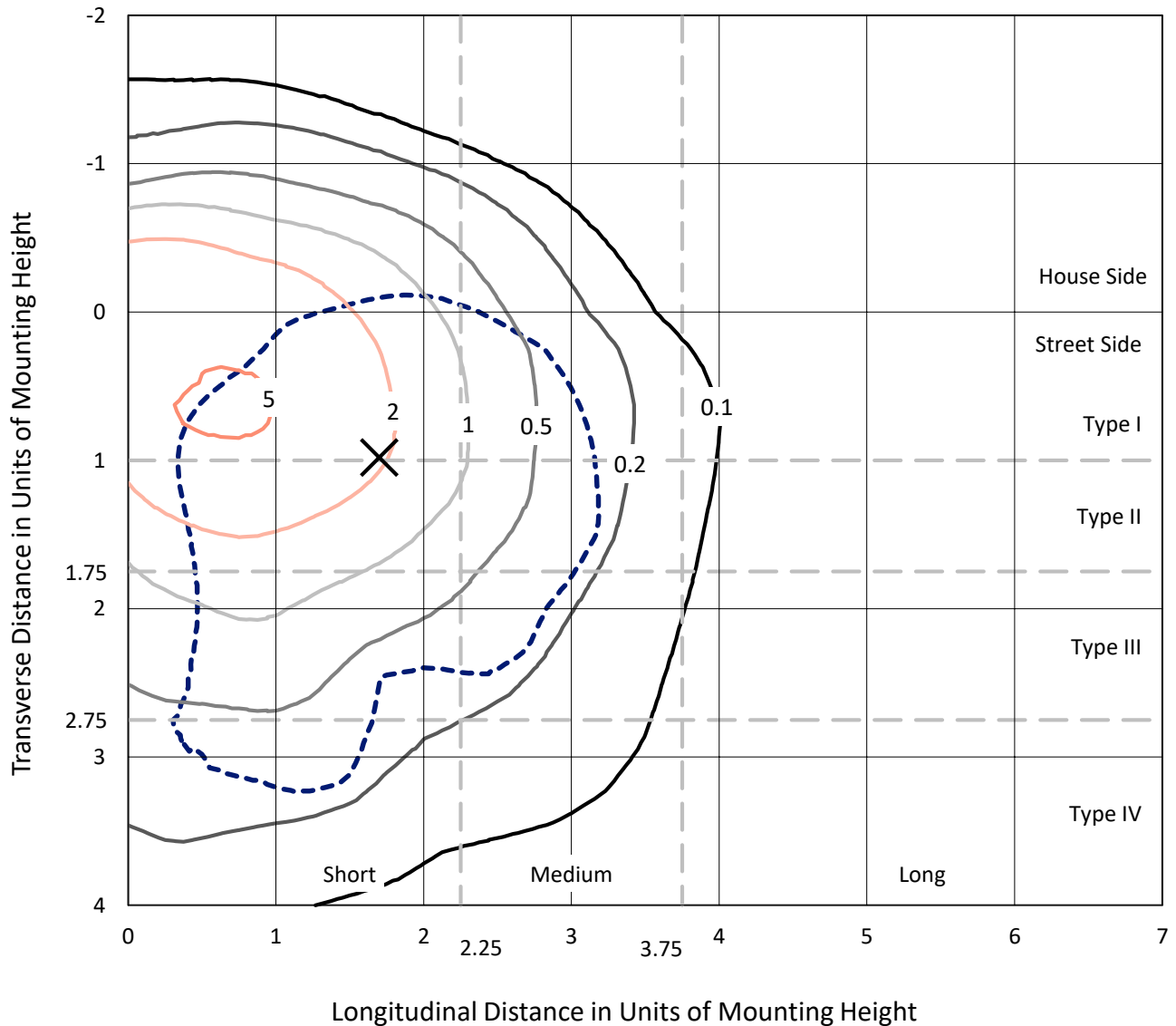


REPORT NUMBER: P153038

CATALOG NUMBER: TMU-E01-LED-E-U-SLL-8030

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

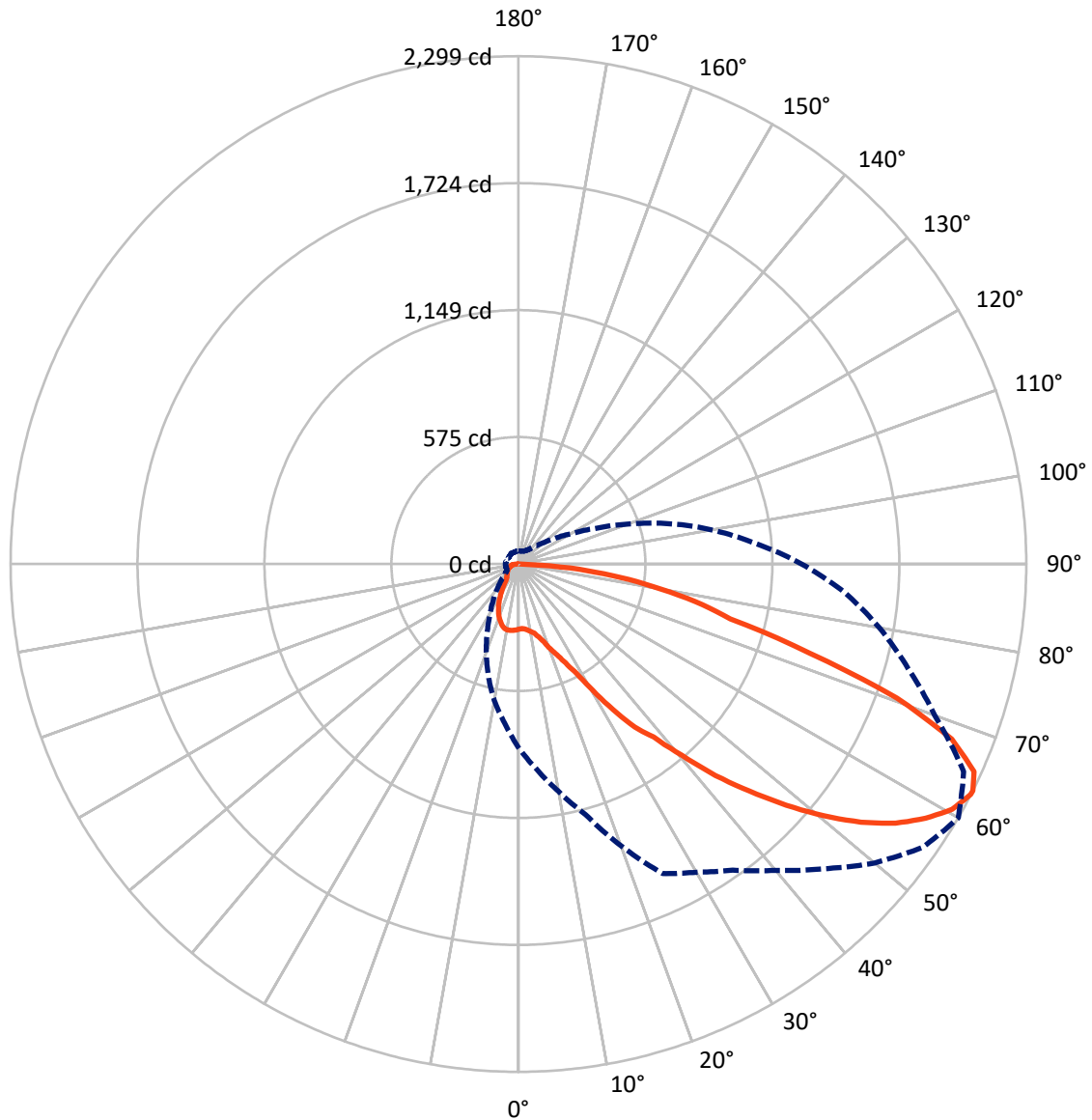


Based on 10 foot mounting height. Maximum calculated value = 5.8 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P153038

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 509.2 | 0.0 | 509.2 |
| | % Fixture | 21.7 | 0.0 | 21.7 |
| Street Side | Lumens | 1839.1 | 0.0 | 1839.1 |
| | % Fixture | 78.3 | 0.0 | 78.3 |
| Total | Lumens | 2348.4 | 0.0 | 2348.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 28.7 | 1.2 |
| 10°-20° | 89.5 | 3.8 |
| 20°-30° | 159.0 | 6.8 |
| 30°-40° | 250.3 | 10.7 |
| 40°-50° | 368.4 | 15.7 |
| 50°-60° | 489.3 | 20.8 |
| 60°-70° | 539.0 | 23.0 |
| 70°-80° | 338.1 | 14.4 |
| 80°-90° | 86.1 | 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°-90° | 2348.4 | 100.0 |
| 0°-180° | 2348.4 | 100.0 |



REPORT NUMBER: P153038

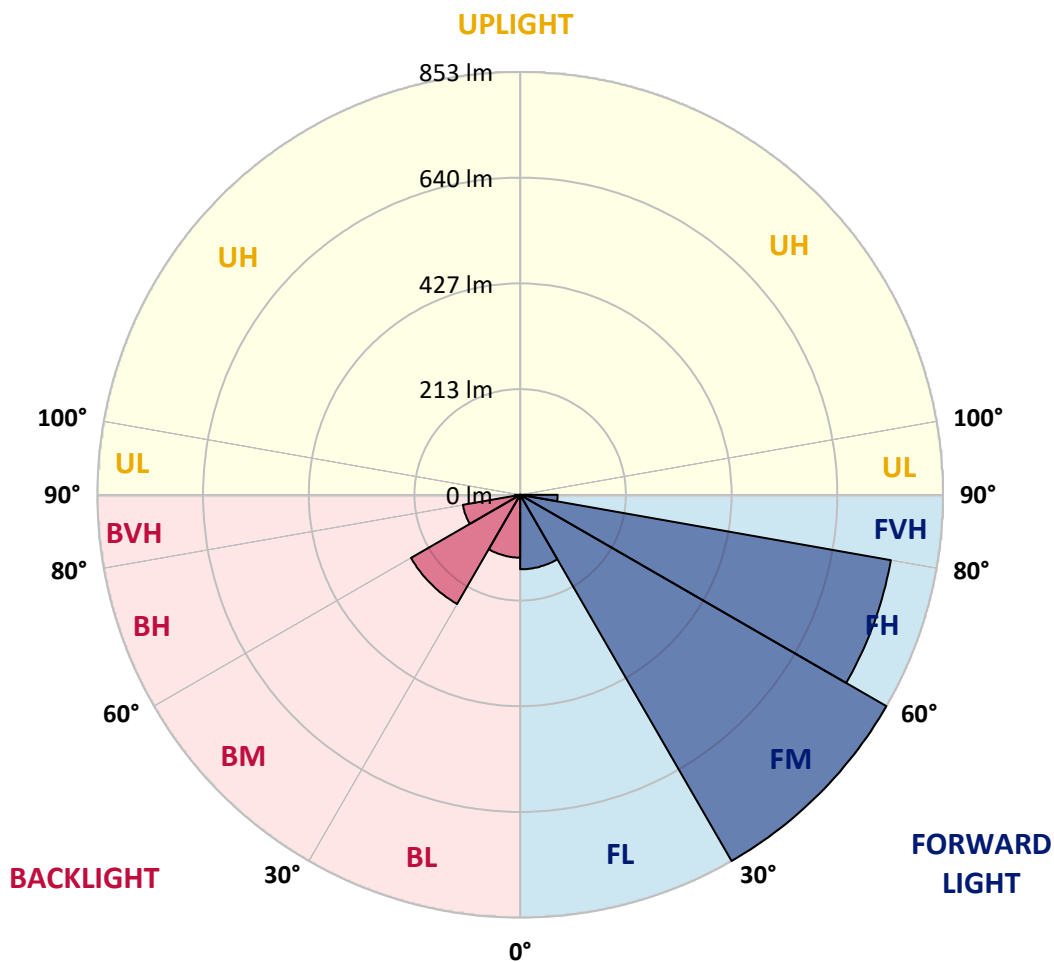
CATALOG NUMBER: TMU-E01-LED-E-U-SLL-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 150.4 | 6.4 | | | |
| FM | (30°-60°) | 853.5 | 36.3 | | | |
| FH | (60°-80°) | 759.7 | 32.4 | | | G1/1800 |
| FVH | (80°-90°) | 75.6 | 3.2 | | | G1/100 |
| BL | (0°-30°) | 126.8 | 5.4 | B1/500 | | |
| BM | (30°-60°) | 254.5 | 10.8 | B1/1000 | | |
| BH | (60°-80°) | 117.4 | 5.0 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 10.5 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type IV Short





REPORT NUMBER: P153038

CATALOG NUMBER: TMU-E01-LED-E-U-SLL-8030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 |
| 2.5° | 291.2 | 291.7 | 291.7 | 291.5 | 291.5 | 292.0 | 291.7 | 291.5 | 290.6 | 291.7 | 291.7 |
| 5° | 288.9 | 289.5 | 289.5 | 290.1 | 290.6 | 291.2 | 291.2 | 291.7 | 291.5 | 292.6 | 293.4 |
| 7.5° | 291.7 | 292.3 | 293.4 | 294.8 | 295.7 | 297.6 | 297.6 | 299.1 | 299.6 | 300.5 | 300.2 |
| 10° | 295.4 | 296.8 | 299.3 | 301.6 | 303.3 | 305.5 | 307.2 | 309.2 | 309.2 | 310.0 | 310.6 |
| 12.5° | 301.9 | 303.3 | 306.1 | 308.9 | 311.4 | 314.2 | 316.8 | 318.7 | 320.7 | 321.3 | 322.4 |
| 15° | 312.6 | 314.2 | 318.5 | 322.4 | 325.5 | 329.2 | 332.5 | 336.5 | 340.1 | 341.0 | 341.5 |
| 17.5° | 328.6 | 332.0 | 335.1 | 342.1 | 346.6 | 351.4 | 356.7 | 362.4 | 363.5 | 369.4 | 370.8 |
| 20° | 351.4 | 355.6 | 358.4 | 367.1 | 374.7 | 380.9 | 388.8 | 395.3 | 397.8 | 403.4 | 409.1 |
| 22.5° | 390.8 | 389.9 | 394.1 | 402.9 | 408.5 | 420.9 | 427.6 | 434.4 | 437.7 | 446.2 | 450.7 |
| 25° | 443.7 | 448.2 | 457.4 | 458.3 | 463.6 | 478.0 | 486.7 | 493.5 | 493.7 | 496.3 | 501.0 |
| 27.5° | 495.7 | 514.3 | 528.9 | 536.8 | 551.1 | 564.3 | 563.8 | 573.4 | 558.4 | 561.5 | 566.0 |
| 30° | 558.7 | 589.7 | 617.2 | 635.8 | 650.4 | 665.9 | 673.5 | 678.9 | 672.4 | 669.6 | 664.2 |
| 32.5° | 617.8 | 661.1 | 703.6 | 736.5 | 763.8 | 789.4 | 806.3 | 813.9 | 822.9 | 845.7 | 853.8 |
| 35° | 658.3 | 719.6 | 772.5 | 820.1 | 865.7 | 906.4 | 936.0 | 952.9 | 946.4 | 943.3 | 941.6 |
| 37.5° | 682.5 | 757.3 | 823.5 | 890.7 | 943.0 | 1004.1 | 1049.9 | 1094.4 | 1104.5 | 1086.8 | 1078.1 |
| 40° | 697.7 | 786.3 | 871.3 | 950.6 | 1018.4 | 1097.2 | 1154.0 | 1220.7 | 1271.3 | 1278.1 | 1257.3 |
| 42.5° | 705.0 | 805.7 | 904.8 | 994.5 | 1086.2 | 1182.7 | 1254.7 | 1335.5 | 1411.2 | 1463.2 | 1450.3 |
| 45° | 706.1 | 818.4 | 929.2 | 1034.2 | 1143.3 | 1257.8 | 1350.7 | 1440.1 | 1541.4 | 1630.6 | 1633.1 |
| 47.5° | 706.1 | 828.0 | 946.1 | 1062.9 | 1194.5 | 1323.1 | 1424.4 | 1530.2 | 1654.2 | 1759.7 | 1792.1 |
| 50° | 706.7 | 834.4 | 961.9 | 1085.4 | 1233.6 | 1378.2 | 1492.7 | 1617.6 | 1748.2 | 1863.0 | 1925.4 |
| 52.5° | 709.2 | 839.2 | 974.2 | 1101.4 | 1259.0 | 1417.1 | 1545.9 | 1690.0 | 1819.9 | 1937.8 | 2018.5 |
| 55° | 714.9 | 846.0 | 983.2 | 1111.3 | 1275.8 | 1442.4 | 1584.5 | 1739.5 | 1866.3 | 1985.9 | 2098.7 |
| 57.5° | 730.6 | 857.8 | 994.2 | 1120.0 | 1285.1 | 1459.0 | 1611.5 | 1760.8 | 1884.1 | 2008.7 | 2141.2 |
| 60° | 762.1 | 882.8 | 1013.1 | 1137.4 | 1300.6 | 1489.6 | 1624.4 | 1746.5 | 1871.1 | 2001.9 | 2150.8 |
| 62.5° | 812.5 | 921.9 | 1039.2 | 1167.0 | 1344.8 | 1537.2 | 1614.6 | 1703.7 | 1820.2 | 1962.8 | 2116.7 |
| 63° | 829.9 | 930.4 | 1045.1 | 1173.4 | 1356.9 | 1545.9 | 1610.3 | 1691.1 | 1809.8 | 1950.5 | 2104.6 |
| 65° | 878.6 | 967.8 | 1073.3 | 1206.1 | 1406.7 | 1554.6 | 1577.4 | 1625.2 | 1737.8 | 1879.8 | 2033.2 |
| 67.5° | 969.5 | 1058.6 | 1133.8 | 1261.2 | 1448.6 | 1520.3 | 1475.3 | 1481.2 | 1598.8 | 1745.9 | 1883.8 |
| 70° | 1026.9 | 1133.2 | 1172.3 | 1268.2 | 1441.0 | 1469.4 | 1343.1 | 1264.9 | 1359.1 | 1526.8 | 1647.5 |
| 72.5° | 1011.9 | 1134.0 | 1129.8 | 1174.6 | 1289.1 | 1315.5 | 1184.7 | 1061.5 | 1117.4 | 1242.6 | 1320.8 |
| 75° | 866.8 | 1012.8 | 981.8 | 972.8 | 1013.1 | 1030.5 | 932.3 | 913.5 | 984.1 | 1053.6 | 1054.7 |
| 77.5° | 624.0 | 784.6 | 748.3 | 696.3 | 693.5 | 733.7 | 746.9 | 870.4 | 974.8 | 1029.7 | 1005.5 |
| 80° | 397.5 | 571.7 | 534.0 | 443.1 | 441.7 | 494.0 | 610.2 | 778.2 | 888.7 | 919.4 | 856.4 |
| 82.5° | 207.6 | 374.2 | 388.5 | 332.5 | 380.6 | 467.3 | 580.7 | 627.1 | 669.0 | 673.2 | 599.0 |
| 85° | 129.4 | 230.1 | 270.6 | 279.4 | 343.8 | 414.4 | 413.6 | 397.2 | 378.7 | 324.1 | 293.1 |
| 87.5° | 14.6 | 29.0 | 43.9 | 41.6 | 56.0 | 78.5 | 97.9 | 57.4 | 40.2 | 14.6 | 20.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P153038

CATALOG NUMBER: TMU-E01-LED-E-U-SLL-8030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0° | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 |
| 2.5° | 292.3 | 292.6 | 292.9 | 292.9 | 294.3 | 294.0 | 294.3 | 294.8 | 295.7 | 296.2 | 296.8 |
| 5° | 294.6 | 294.6 | 295.7 | 296.5 | 298.2 | 299.3 | 299.9 | 301.6 | 303.6 | 303.0 | 304.7 |
| 7.5° | 301.9 | 301.6 | 302.7 | 303.3 | 304.7 | 306.7 | 306.4 | 307.8 | 309.5 | 310.0 | 311.4 |
| 10° | 311.7 | 310.9 | 310.9 | 310.3 | 310.6 | 310.0 | 310.0 | 310.0 | 311.2 | 310.9 | 312.0 |
| 12.5° | 321.8 | 321.6 | 321.0 | 319.3 | 319.3 | 317.1 | 315.9 | 314.5 | 314.2 | 312.3 | 312.6 |
| 15° | 342.7 | 342.7 | 341.5 | 338.2 | 335.3 | 333.4 | 330.6 | 328.6 | 325.8 | 322.1 | 320.2 |
| 17.5° | 373.0 | 369.1 | 367.7 | 367.1 | 362.6 | 360.9 | 354.8 | 348.3 | 345.2 | 340.1 | 337.3 |
| 20° | 410.2 | 409.3 | 403.7 | 400.9 | 395.3 | 387.4 | 379.5 | 371.1 | 366.0 | 359.8 | 356.4 |
| 22.5° | 452.1 | 445.9 | 443.1 | 438.9 | 430.2 | 421.2 | 409.3 | 398.1 | 390.2 | 386.0 | 383.5 |
| 25° | 501.0 | 494.9 | 492.0 | 486.4 | 475.7 | 466.2 | 451.5 | 438.3 | 431.3 | 424.2 | 420.3 |
| 27.5° | 566.0 | 560.1 | 556.8 | 542.1 | 538.5 | 522.7 | 504.7 | 486.7 | 477.4 | 467.0 | 460.3 |
| 30° | 663.1 | 663.4 | 645.9 | 628.2 | 609.9 | 582.6 | 563.8 | 543.5 | 528.3 | 513.4 | 498.5 |
| 32.5° | 827.1 | 785.2 | 752.8 | 714.9 | 675.2 | 646.2 | 622.9 | 598.7 | 577.6 | 555.9 | 531.2 |
| 35° | 927.3 | 907.0 | 865.1 | 795.6 | 755.7 | 720.5 | 694.6 | 665.3 | 639.5 | 601.2 | 563.5 |
| 37.5° | 1040.4 | 993.4 | 942.5 | 903.9 | 858.6 | 817.8 | 774.5 | 741.3 | 696.6 | 645.1 | 591.6 |
| 40° | 1205.5 | 1138.3 | 1076.9 | 1025.2 | 966.7 | 923.9 | 875.5 | 827.4 | 768.0 | 693.5 | 620.1 |
| 42.5° | 1378.0 | 1308.5 | 1227.4 | 1160.2 | 1091.3 | 1041.2 | 981.3 | 913.8 | 826.5 | 734.3 | 644.5 |
| 45° | 1558.9 | 1466.0 | 1369.0 | 1286.8 | 1215.1 | 1152.9 | 1078.6 | 989.2 | 882.8 | 770.8 | 667.3 |
| 47.5° | 1737.2 | 1630.6 | 1515.0 | 1426.6 | 1333.2 | 1257.3 | 1166.1 | 1053.0 | 926.7 | 805.4 | 690.1 |
| 50° | 1894.5 | 1791.8 | 1652.5 | 1540.3 | 1445.8 | 1352.1 | 1238.4 | 1102.3 | 961.3 | 835.3 | 710.6 |
| 52.5° | 2030.1 | 1941.7 | 1795.2 | 1653.4 | 1544.5 | 1439.3 | 1296.7 | 1141.9 | 996.2 | 862.8 | 727.5 |
| 55° | 2129.7 | 2070.9 | 1935.8 | 1760.0 | 1631.4 | 1506.0 | 1345.9 | 1180.2 | 1029.1 | 884.8 | 738.5 |
| 57.5° | 2204.8 | 2172.2 | 2056.2 | 1860.4 | 1711.3 | 1570.7 | 1396.8 | 1226.0 | 1061.7 | 903.6 | 743.6 |
| 60° | 2245.9 | 2254.9 | 2147.4 | 1948.2 | 1781.9 | 1624.7 | 1447.7 | 1265.1 | 1085.9 | 914.6 | 740.7 |
| 62.5° | 2241.9 | 2297.1 | 2215.8 | 2002.2 | 1823.0 | 1656.8 | 1482.0 | 1283.4 | 1082.6 | 897.2 | 715.1 |
| 63° | 2234.3 | 2298.5 | 2223.4 | 2005.9 | 1825.6 | 1657.9 | 1482.9 | 1280.9 | 1075.5 | 888.7 | 705.0 |
| 65° | 2168.8 | 2266.1 | 2216.9 | 1989.3 | 1803.0 | 1636.8 | 1465.2 | 1244.3 | 1026.0 | 843.4 | 653.0 |
| 67.5° | 1993.2 | 2115.0 | 2101.0 | 1872.0 | 1696.4 | 1549.6 | 1374.6 | 1126.4 | 903.6 | 732.0 | 553.4 |
| 70° | 1703.2 | 1817.7 | 1820.2 | 1628.1 | 1481.5 | 1337.4 | 1192.0 | 916.6 | 716.3 | 567.4 | 412.7 |
| 72.5° | 1305.4 | 1379.1 | 1404.7 | 1278.1 | 1179.9 | 1078.6 | 948.1 | 665.3 | 510.6 | 386.0 | 268.7 |
| 75° | 1010.8 | 990.6 | 990.3 | 936.8 | 896.9 | 847.4 | 703.9 | 449.0 | 335.3 | 250.9 | 164.3 |
| 77.5° | 908.7 | 818.7 | 731.5 | 667.3 | 635.2 | 618.6 | 461.7 | 270.6 | 197.8 | 144.3 | 94.5 |
| 80° | 749.5 | 616.7 | 498.2 | 429.0 | 401.5 | 420.6 | 257.4 | 146.3 | 108.3 | 82.1 | 61.3 |
| 82.5° | 516.8 | 429.0 | 326.1 | 270.1 | 231.8 | 242.5 | 131.7 | 74.8 | 50.1 | 45.9 | 38.0 |
| 85° | 269.2 | 236.0 | 199.2 | 171.0 | 151.1 | 132.8 | 68.4 | 35.7 | 20.8 | 18.3 | 16.6 |
| 87.5° | 0.0 | 0.3 | 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 |



REPORT NUMBER: P153038

CATALOG NUMBER: TMU-E01-LED-E-U-SLL-8030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 |
| 2.5° | 297.6 | 297.4 | 297.9 | 298.2 | 299.1 | 299.6 | 299.9 | 299.3 | 300.2 | 301.0 | 300.5 |
| 5° | 305.5 | 307.5 | 307.8 | 308.6 | 308.6 | 310.3 | 310.3 | 310.3 | 310.0 | 310.3 | 309.7 |
| 7.5° | 312.3 | 314.8 | 315.1 | 316.2 | 316.5 | 318.5 | 317.6 | 318.2 | 318.2 | 316.8 | 316.2 |
| 10° | 313.1 | 315.7 | 317.1 | 318.5 | 320.4 | 323.0 | 323.0 | 324.4 | 324.4 | 323.2 | 323.0 |
| 12.5° | 313.4 | 315.4 | 316.8 | 318.7 | 321.6 | 325.2 | 327.2 | 329.2 | 330.0 | 329.7 | 328.9 |
| 15° | 319.3 | 319.3 | 319.6 | 321.3 | 323.2 | 327.7 | 330.6 | 332.8 | 334.2 | 333.7 | 332.3 |
| 17.5° | 334.8 | 332.5 | 330.8 | 328.0 | 328.6 | 330.8 | 332.5 | 334.5 | 334.8 | 334.2 | 332.0 |
| 20° | 352.8 | 350.0 | 345.8 | 341.3 | 339.0 | 337.3 | 336.2 | 336.2 | 335.3 | 332.5 | 328.9 |
| 22.5° | 378.4 | 374.7 | 368.8 | 362.1 | 357.6 | 352.2 | 345.8 | 339.6 | 332.8 | 326.1 | 318.2 |
| 25° | 413.8 | 408.8 | 402.6 | 392.2 | 382.6 | 371.4 | 358.1 | 344.3 | 328.3 | 314.2 | 302.7 |
| 27.5° | 449.6 | 438.3 | 422.3 | 407.9 | 390.2 | 373.3 | 354.5 | 337.6 | 317.1 | 300.2 | 287.5 |
| 30° | 479.1 | 457.7 | 434.7 | 411.9 | 388.5 | 365.7 | 343.2 | 323.0 | 300.5 | 283.3 | 270.9 |
| 32.5° | 501.9 | 472.4 | 440.3 | 410.5 | 381.8 | 353.9 | 328.0 | 305.5 | 282.7 | 265.0 | 251.8 |
| 35° | 523.0 | 481.9 | 441.1 | 404.3 | 368.8 | 339.8 | 310.6 | 286.1 | 261.9 | 243.4 | 229.0 |
| 37.5° | 538.7 | 486.4 | 436.1 | 392.7 | 351.9 | 319.6 | 289.8 | 264.7 | 240.0 | 219.7 | 203.4 |
| 40° | 548.9 | 483.6 | 425.1 | 376.1 | 332.0 | 297.9 | 267.5 | 241.7 | 217.7 | 195.5 | 175.8 |
| 42.5° | 557.0 | 479.9 | 414.1 | 360.9 | 316.2 | 279.1 | 247.9 | 220.0 | 195.8 | 171.6 | 149.9 |
| 45° | 569.1 | 482.8 | 409.3 | 350.3 | 302.1 | 263.0 | 228.7 | 199.7 | 174.4 | 150.8 | 130.0 |
| 47.5° | 580.9 | 484.2 | 402.3 | 337.0 | 284.4 | 246.4 | 211.6 | 183.4 | 157.5 | 135.9 | 116.8 |
| 50° | 591.6 | 483.3 | 391.3 | 320.2 | 267.3 | 229.8 | 196.1 | 168.0 | 142.4 | 122.4 | 104.4 |
| 52.5° | 596.7 | 478.5 | 377.8 | 303.8 | 253.5 | 215.2 | 180.9 | 153.6 | 128.3 | 109.4 | 92.8 |
| 55° | 596.1 | 466.2 | 360.1 | 288.4 | 238.3 | 199.7 | 166.0 | 139.0 | 116.2 | 98.7 | 84.4 |
| 57.5° | 587.7 | 447.0 | 341.3 | 271.2 | 218.3 | 180.6 | 148.5 | 122.4 | 103.2 | 88.6 | 76.5 |
| 60° | 570.0 | 422.6 | 316.5 | 246.2 | 193.3 | 157.0 | 126.9 | 104.4 | 88.9 | 77.6 | 69.8 |
| 62.5° | 536.8 | 387.4 | 285.6 | 211.3 | 159.5 | 126.3 | 100.2 | 85.5 | 74.0 | 67.2 | 63.6 |
| 63° | 526.9 | 377.8 | 272.3 | 202.8 | 151.6 | 119.3 | 94.5 | 79.3 | 70.9 | 65.0 | 61.6 |
| 65° | 478.0 | 330.8 | 227.9 | 163.7 | 117.9 | 92.0 | 76.0 | 64.4 | 59.4 | 56.8 | 56.5 |
| 67.5° | 387.1 | 260.2 | 161.2 | 112.3 | 80.2 | 66.4 | 58.2 | 53.5 | 51.2 | 50.6 | 51.2 |
| 70° | 271.8 | 164.3 | 102.4 | 74.6 | 59.4 | 53.5 | 49.8 | 47.8 | 46.4 | 46.7 | 47.3 |
| 72.5° | 173.3 | 98.5 | 70.3 | 56.5 | 50.1 | 47.0 | 45.3 | 44.7 | 44.5 | 44.2 | 44.2 |
| 75° | 98.7 | 65.5 | 54.0 | 49.0 | 45.6 | 43.0 | 41.6 | 41.1 | 41.4 | 41.6 | 41.1 |
| 77.5° | 65.3 | 54.0 | 48.1 | 44.7 | 41.6 | 38.8 | 38.0 | 37.7 | 38.3 | 38.8 | 38.8 |
| 80° | 51.5 | 48.1 | 44.7 | 41.4 | 36.3 | 34.3 | 34.9 | 35.2 | 34.9 | 35.2 | 34.3 |
| 82.5° | 36.3 | 35.7 | 36.6 | 35.2 | 30.1 | 28.4 | 27.9 | 28.1 | 27.6 | 27.6 | 27.0 |
| 85° | 16.9 | 16.9 | 17.7 | 17.7 | 17.2 | 17.4 | 18.8 | 20.5 | 21.4 | 20.5 | 19.4 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 5.1 | 7.3 | 7.9 | 9.8 | 9.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P153038

CATALOG NUMBER: TMU-E01-LED-E-U-SLL-8030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 |
| 2.5° | 299.6 | 300.2 | 299.9 | 299.6 | 300.2 | 299.6 | 299.9 | 299.6 | 299.6 | 299.3 | 299.3 |
| 5° | 309.2 | 310.0 | 308.3 | 308.1 | 307.5 | 306.1 | 306.1 | 305.5 | 305.5 | 304.4 | 303.6 |
| 7.5° | 315.4 | 315.7 | 314.2 | 314.0 | 312.6 | 311.2 | 310.0 | 308.9 | 308.6 | 307.8 | 306.1 |
| 10° | 321.3 | 320.7 | 319.6 | 318.2 | 316.8 | 314.8 | 313.4 | 312.0 | 311.7 | 310.3 | 308.3 |
| 12.5° | 326.3 | 326.1 | 323.8 | 322.4 | 320.2 | 318.2 | 316.5 | 314.8 | 314.0 | 312.3 | 309.5 |
| 15° | 329.7 | 328.0 | 325.2 | 322.7 | 320.2 | 317.9 | 315.9 | 314.0 | 313.1 | 311.2 | 308.3 |
| 17.5° | 328.3 | 325.2 | 321.6 | 318.5 | 315.1 | 312.3 | 310.6 | 308.6 | 307.2 | 306.1 | 302.1 |
| 20° | 323.2 | 318.7 | 313.1 | 309.5 | 305.0 | 301.3 | 300.2 | 298.2 | 297.1 | 292.9 | 287.8 |
| 22.5° | 310.0 | 303.6 | 296.5 | 291.2 | 286.1 | 282.5 | 279.6 | 277.7 | 274.9 | 272.3 | 264.5 |
| 25° | 293.4 | 286.1 | 278.8 | 272.3 | 265.6 | 259.9 | 254.9 | 250.1 | 248.7 | 243.4 | 235.8 |
| 27.5° | 277.4 | 269.2 | 261.9 | 254.3 | 245.6 | 238.6 | 229.8 | 223.1 | 218.6 | 213.0 | 205.9 |
| 30° | 260.2 | 252.1 | 242.2 | 232.1 | 222.0 | 214.4 | 204.5 | 196.4 | 190.7 | 184.8 | 178.4 |
| 32.5° | 238.6 | 228.7 | 216.9 | 205.7 | 196.4 | 187.4 | 177.5 | 169.6 | 164.0 | 158.7 | 152.5 |
| 35° | 213.8 | 200.9 | 188.2 | 175.8 | 166.0 | 158.4 | 149.7 | 143.8 | 139.8 | 135.0 | 128.6 |
| 37.5° | 185.4 | 170.8 | 157.3 | 147.7 | 139.0 | 131.7 | 125.5 | 121.8 | 117.6 | 115.1 | 111.1 |
| 40° | 156.7 | 142.4 | 129.1 | 120.4 | 113.1 | 108.9 | 105.5 | 104.7 | 101.8 | 98.5 | 95.9 |
| 42.5° | 131.4 | 117.6 | 104.7 | 97.6 | 92.8 | 91.7 | 90.0 | 90.0 | 88.6 | 86.1 | 84.4 |
| 45° | 114.2 | 99.9 | 88.6 | 83.6 | 81.0 | 80.7 | 79.9 | 79.9 | 79.6 | 78.5 | 76.5 |
| 47.5° | 101.8 | 88.9 | 80.2 | 77.1 | 76.5 | 76.0 | 75.1 | 74.8 | 74.6 | 73.7 | 72.6 |
| 50° | 90.6 | 79.6 | 74.0 | 72.6 | 72.9 | 72.0 | 71.2 | 70.3 | 70.1 | 69.2 | 68.1 |
| 52.5° | 80.2 | 72.3 | 68.6 | 67.8 | 67.8 | 67.8 | 67.2 | 67.2 | 66.7 | 66.4 | 65.3 |
| 55° | 74.3 | 68.4 | 66.4 | 66.1 | 65.8 | 65.5 | 65.0 | 65.0 | 64.4 | 64.1 | 62.7 |
| 57.5° | 69.2 | 65.5 | 64.4 | 63.9 | 63.6 | 63.0 | 62.7 | 62.7 | 62.7 | 62.7 | 61.0 |
| 60° | 65.3 | 63.6 | 63.3 | 62.7 | 62.5 | 61.3 | 60.8 | 60.5 | 60.8 | 61.0 | 59.4 |
| 62.5° | 61.0 | 60.8 | 60.5 | 59.9 | 59.6 | 58.5 | 57.7 | 57.1 | 57.7 | 58.2 | 58.0 |
| 63° | 59.9 | 59.6 | 59.6 | 59.4 | 59.1 | 57.7 | 56.8 | 56.3 | 56.8 | 57.4 | 57.4 |
| 65° | 56.0 | 56.3 | 56.3 | 56.0 | 55.7 | 54.9 | 53.7 | 53.2 | 53.5 | 54.3 | 54.6 |
| 67.5° | 51.8 | 52.0 | 51.8 | 52.0 | 51.8 | 51.2 | 50.4 | 49.8 | 49.5 | 49.8 | 50.1 |
| 70° | 47.8 | 48.4 | 48.1 | 47.8 | 47.5 | 47.5 | 47.0 | 46.1 | 45.9 | 45.6 | 45.6 |
| 72.5° | 44.5 | 44.5 | 43.9 | 43.9 | 43.6 | 43.6 | 43.0 | 42.2 | 41.9 | 41.9 | 41.4 |
| 75° | 40.8 | 40.8 | 39.9 | 39.9 | 39.4 | 39.7 | 39.1 | 38.3 | 38.0 | 38.0 | 37.7 |
| 77.5° | 38.5 | 37.7 | 36.3 | 36.0 | 35.7 | 35.7 | 35.4 | 34.6 | 34.3 | 34.3 | 34.0 |
| 80° | 34.0 | 32.4 | 30.9 | 30.7 | 30.9 | 31.5 | 31.5 | 30.9 | 30.9 | 30.9 | 30.9 |
| 82.5° | 26.4 | 25.9 | 25.0 | 24.5 | 24.5 | 25.3 | 26.4 | 27.0 | 27.6 | 28.1 | 28.1 |
| 85° | 19.4 | 19.7 | 19.4 | 18.6 | 18.3 | 19.1 | 20.3 | 21.4 | 21.7 | 22.8 | 22.5 |
| 87.5° | 10.4 | 10.7 | 9.8 | 9.6 | 10.4 | 11.0 | 12.1 | 12.4 | 12.9 | 13.2 | 13.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P153038

CATALOG NUMBER: TMU-E01-LED-E-U-SLL-8030

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 |
| 2.5° | 299.1 | 298.8 | 299.1 | 298.5 | 298.5 | 297.9 | 297.4 | 297.1 | 296.5 | 296.2 | 295.7 |
| 5° | 304.1 | 303.3 | 302.4 | 302.1 | 301.0 | 299.9 | 299.1 | 297.6 | 296.5 | 294.6 | 294.0 |
| 7.5° | 307.5 | 305.5 | 304.4 | 304.1 | 302.4 | 301.6 | 299.6 | 297.9 | 296.2 | 293.7 | 292.9 |
| 10° | 308.9 | 306.9 | 305.0 | 304.1 | 302.1 | 300.7 | 298.8 | 296.2 | 294.8 | 292.3 | 291.7 |
| 12.5° | 310.6 | 306.9 | 303.8 | 301.6 | 298.8 | 295.7 | 293.7 | 292.3 | 290.3 | 288.9 | 288.4 |
| 15° | 307.5 | 302.7 | 297.9 | 293.7 | 289.2 | 285.8 | 283.9 | 281.6 | 279.4 | 278.5 | 278.5 |
| 17.5° | 299.1 | 292.9 | 284.7 | 279.4 | 274.6 | 270.9 | 268.4 | 266.1 | 265.9 | 264.7 | 265.3 |
| 20° | 281.6 | 273.5 | 265.6 | 261.6 | 258.8 | 256.6 | 254.0 | 252.9 | 252.1 | 250.4 | 249.8 |
| 22.5° | 257.4 | 250.7 | 245.0 | 242.2 | 240.0 | 237.2 | 234.9 | 231.5 | 230.7 | 229.0 | 228.2 |
| 25° | 230.7 | 225.3 | 220.6 | 218.6 | 217.2 | 213.2 | 211.8 | 207.3 | 204.2 | 202.3 | 203.4 |
| 27.5° | 204.0 | 200.0 | 195.5 | 193.0 | 192.1 | 188.5 | 187.1 | 182.0 | 179.5 | 179.5 | 176.7 |
| 30° | 176.4 | 172.7 | 169.9 | 167.1 | 166.5 | 162.0 | 158.4 | 156.4 | 153.6 | 152.5 | 150.5 |
| 32.5° | 150.5 | 146.9 | 144.6 | 143.2 | 140.9 | 137.3 | 133.6 | 130.3 | 125.8 | 124.1 | 123.2 |
| 35° | 126.6 | 123.8 | 121.0 | 119.8 | 116.8 | 112.8 | 108.3 | 105.5 | 100.2 | 98.2 | 97.3 |
| 37.5° | 108.3 | 104.9 | 103.0 | 99.9 | 96.8 | 92.6 | 89.2 | 86.6 | 84.7 | 83.8 | 83.8 |
| 40° | 93.7 | 91.2 | 88.9 | 86.4 | 83.8 | 81.6 | 79.9 | 79.3 | 79.1 | 79.1 | 79.6 |
| 42.5° | 82.7 | 80.5 | 79.3 | 77.9 | 77.1 | 77.1 | 76.8 | 77.1 | 77.4 | 77.6 | 78.5 |
| 45° | 75.4 | 74.0 | 73.4 | 73.1 | 73.7 | 74.3 | 74.6 | 75.1 | 76.2 | 76.8 | 77.1 |
| 47.5° | 71.5 | 70.3 | 70.1 | 70.3 | 71.2 | 72.3 | 73.4 | 74.3 | 75.1 | 75.4 | 75.7 |
| 50° | 67.5 | 66.1 | 65.5 | 66.1 | 67.2 | 68.9 | 69.8 | 71.2 | 71.7 | 72.3 | 71.7 |
| 52.5° | 64.1 | 63.0 | 62.7 | 62.7 | 63.9 | 65.0 | 66.1 | 67.2 | 67.5 | 67.5 | 67.2 |
| 55° | 61.3 | 60.5 | 59.6 | 60.2 | 61.0 | 62.2 | 63.9 | 64.7 | 65.3 | 65.5 | 65.5 |
| 57.5° | 59.1 | 58.2 | 57.4 | 58.0 | 58.8 | 59.9 | 61.6 | 62.5 | 63.0 | 63.9 | 64.1 |
| 60° | 57.4 | 56.3 | 55.4 | 56.3 | 57.1 | 58.8 | 60.2 | 61.0 | 62.5 | 62.7 | 62.7 |
| 62.5° | 55.7 | 54.6 | 53.2 | 54.0 | 54.0 | 54.9 | 56.3 | 57.4 | 58.8 | 59.4 | 59.4 |
| 63° | 55.4 | 54.3 | 52.9 | 53.5 | 53.5 | 54.0 | 55.1 | 56.3 | 58.0 | 58.5 | 58.2 |
| 65° | 53.2 | 52.9 | 51.5 | 51.5 | 50.9 | 51.5 | 52.3 | 53.5 | 54.3 | 55.1 | 55.1 |
| 67.5° | 49.5 | 49.2 | 49.0 | 49.0 | 49.0 | 49.5 | 50.1 | 50.9 | 51.8 | 52.3 | 52.0 |
| 70° | 45.3 | 45.3 | 45.3 | 45.6 | 45.6 | 46.1 | 46.4 | 46.1 | 47.0 | 47.5 | 47.3 |
| 72.5° | 41.6 | 41.4 | 41.1 | 41.6 | 41.4 | 41.4 | 41.9 | 41.6 | 42.5 | 42.5 | 42.8 |
| 75° | 37.7 | 37.4 | 37.4 | 37.7 | 37.1 | 36.6 | 36.9 | 36.9 | 37.1 | 37.1 | 37.7 |
| 77.5° | 34.3 | 34.3 | 34.3 | 34.0 | 33.5 | 33.2 | 32.9 | 32.9 | 32.9 | 32.9 | 33.2 |
| 80° | 31.2 | 31.2 | 31.2 | 30.9 | 30.4 | 29.8 | 29.3 | 29.0 | 28.7 | 27.3 | 27.3 |
| 82.5° | 28.1 | 28.1 | 28.1 | 28.1 | 27.9 | 27.3 | 26.4 | 24.2 | 23.1 | 21.9 | 22.2 |
| 85° | 22.2 | 22.8 | 23.4 | 24.2 | 23.9 | 23.9 | 22.2 | 19.4 | 17.7 | 16.6 | 16.9 |
| 87.5° | 14.3 | 12.7 | 12.7 | 12.4 | 11.8 | 11.3 | 11.3 | 9.6 | 7.9 | 7.0 | 7.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P153038
 CATALOG NUMBER: TMU-E01-LED-E-U-SLL-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 0° |
| 2.5° | 295.7 | 295.1 | 294.6 | 294.6 | 293.7 | 293.7 | 293.1 | 294.3 | 293.1 | 292.3 | 292.3 | 2.5° |
| 5° | 293.4 | 292.9 | 291.2 | 290.9 | 289.8 | 289.8 | 289.8 | 289.2 | 289.2 | 288.6 | 288.4 | 5° |
| 7.5° | 292.0 | 290.6 | 289.2 | 288.4 | 288.4 | 287.8 | 288.9 | 288.4 | 288.6 | 288.6 | 288.9 | 7.5° |
| 10° | 290.9 | 289.8 | 289.2 | 288.9 | 288.9 | 289.8 | 290.6 | 290.9 | 290.6 | 290.9 | 290.9 | 10° |
| 12.5° | 288.1 | 288.6 | 288.9 | 290.1 | 291.5 | 293.1 | 295.1 | 295.4 | 296.0 | 296.0 | 296.5 | 12.5° |
| 15° | 279.1 | 280.5 | 282.2 | 285.0 | 288.6 | 292.3 | 296.0 | 299.1 | 301.9 | 303.3 | 304.4 | 15° |
| 17.5° | 266.4 | 267.8 | 270.9 | 274.0 | 278.8 | 284.1 | 290.3 | 295.7 | 301.6 | 306.9 | 312.3 | 17.5° |
| 20° | 249.3 | 251.5 | 252.4 | 258.0 | 263.6 | 270.9 | 278.2 | 286.7 | 296.8 | 306.9 | 317.3 | 20° |
| 22.5° | 227.0 | 229.6 | 233.5 | 238.0 | 243.9 | 252.9 | 261.6 | 274.9 | 288.4 | 302.7 | 319.0 | 22.5° |
| 25° | 202.3 | 205.1 | 208.5 | 213.2 | 219.2 | 228.7 | 241.4 | 255.4 | 272.0 | 290.9 | 311.2 | 25° |
| 27.5° | 176.7 | 179.5 | 182.3 | 185.7 | 192.4 | 202.6 | 217.5 | 232.1 | 250.4 | 270.9 | 294.6 | 27.5° |
| 30° | 151.1 | 151.4 | 153.0 | 157.3 | 164.3 | 177.5 | 188.5 | 206.8 | 225.9 | 247.6 | 274.9 | 30° |
| 32.5° | 122.9 | 122.7 | 124.6 | 128.3 | 135.0 | 147.7 | 161.2 | 178.9 | 197.8 | 225.1 | 253.2 | 32.5° |
| 35° | 97.9 | 97.9 | 101.6 | 105.2 | 112.8 | 121.8 | 133.6 | 149.4 | 171.6 | 196.9 | 225.1 | 35° |
| 37.5° | 84.7 | 86.6 | 88.9 | 92.6 | 98.5 | 105.5 | 115.9 | 129.7 | 147.1 | 171.3 | 197.2 | 37.5° |
| 40° | 80.5 | 81.6 | 83.6 | 86.9 | 92.0 | 98.5 | 106.1 | 116.5 | 130.0 | 149.4 | 173.0 | 40° |
| 42.5° | 78.8 | 79.1 | 80.2 | 82.7 | 87.2 | 93.7 | 101.6 | 110.8 | 121.0 | 134.8 | 155.3 | 42.5° |
| 45° | 77.1 | 76.8 | 77.4 | 79.3 | 83.0 | 90.3 | 99.3 | 109.4 | 119.6 | 131.1 | 148.0 | 45° |
| 47.5° | 75.7 | 75.7 | 75.7 | 76.5 | 79.9 | 87.2 | 97.6 | 109.4 | 121.5 | 134.5 | 151.1 | 47.5° |
| 50° | 71.7 | 71.5 | 71.5 | 72.0 | 74.6 | 82.4 | 94.8 | 109.2 | 124.9 | 141.8 | 160.6 | 50° |
| 52.5° | 67.2 | 67.2 | 67.5 | 67.8 | 70.1 | 77.9 | 91.7 | 109.2 | 128.8 | 151.4 | 175.0 | 52.5° |
| 55° | 65.8 | 66.1 | 66.4 | 66.1 | 67.8 | 74.6 | 88.3 | 107.5 | 130.5 | 159.0 | 190.5 | 55° |
| 57.5° | 64.7 | 65.3 | 65.3 | 65.0 | 66.1 | 71.7 | 85.0 | 104.1 | 129.1 | 161.8 | 201.4 | 57.5° |
| 60° | 63.0 | 63.0 | 63.0 | 62.2 | 62.7 | 67.8 | 79.9 | 98.7 | 124.6 | 159.2 | 203.1 | 60° |
| 62.5° | 59.4 | 59.4 | 58.8 | 58.5 | 58.2 | 62.2 | 73.1 | 90.9 | 116.5 | 152.5 | 198.9 | 62.5° |
| 63° | 58.5 | 58.2 | 58.2 | 57.4 | 57.4 | 61.0 | 71.7 | 89.7 | 114.2 | 150.8 | 197.2 | 63° |
| 65° | 55.4 | 55.4 | 55.4 | 54.9 | 54.6 | 57.4 | 66.1 | 81.9 | 105.5 | 142.9 | 188.8 | 65° |
| 67.5° | 52.0 | 52.3 | 51.8 | 51.5 | 51.2 | 52.9 | 59.6 | 72.0 | 92.0 | 126.3 | 173.0 | 67.5° |
| 70° | 47.3 | 47.5 | 47.5 | 47.3 | 47.0 | 48.1 | 52.3 | 61.9 | 76.2 | 105.2 | 147.4 | 70° |
| 72.5° | 43.0 | 43.6 | 43.6 | 44.2 | 44.2 | 45.0 | 46.7 | 51.5 | 61.0 | 82.1 | 115.9 | 72.5° |
| 75° | 38.5 | 38.8 | 39.4 | 39.9 | 39.4 | 39.1 | 39.4 | 43.0 | 47.8 | 60.8 | 82.7 | 75° |
| 77.5° | 34.6 | 35.4 | 35.4 | 35.2 | 34.3 | 33.8 | 33.8 | 35.4 | 39.4 | 46.1 | 59.1 | 77.5° |
| 80° | 28.7 | 30.1 | 30.4 | 29.5 | 28.7 | 28.7 | 29.3 | 30.4 | 32.9 | 38.0 | 44.7 | 80° |
| 82.5° | 23.1 | 24.5 | 24.8 | 25.0 | 24.8 | 25.6 | 25.6 | 25.9 | 27.3 | 31.2 | 36.6 | 82.5° |
| 85° | 17.7 | 18.8 | 19.7 | 20.0 | 20.3 | 20.5 | 20.3 | 18.8 | 19.7 | 22.2 | 24.8 | 85° |
| 87.5° | 7.9 | 8.2 | 7.6 | 7.9 | 7.6 | 7.9 | 8.2 | 6.8 | 6.5 | 8.7 | 9.0 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P153038

NUMBER: TMU-E01-LED-E-U-SLL-8030

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|-------|-------|-------|-------|-------|--------|
| 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 |
| 292.0 | 292.0 | 292.3 | 291.7 | 291.7 | 292.0 | 291.2 |
| 287.5 | 288.6 | 288.6 | 288.6 | 288.1 | 288.6 | 288.9 |
| 288.6 | 289.5 | 290.1 | 290.1 | 289.8 | 290.9 | 291.7 |
| 290.1 | 291.5 | 292.0 | 292.0 | 292.0 | 293.4 | 295.4 |
| 295.4 | 296.5 | 297.4 | 297.4 | 297.9 | 299.6 | 301.9 |
| 305.2 | 306.7 | 306.7 | 306.4 | 308.1 | 310.0 | 312.6 |
| 316.2 | 320.2 | 322.1 | 321.8 | 323.2 | 325.8 | 328.6 |
| 326.6 | 337.6 | 342.4 | 345.8 | 347.2 | 350.5 | 351.4 |
| 335.3 | 353.6 | 366.9 | 378.1 | 383.5 | 386.8 | 390.8 |
| 332.3 | 357.0 | 380.6 | 403.7 | 420.0 | 436.6 | 443.7 |
| 319.6 | 350.5 | 381.5 | 415.2 | 444.8 | 474.3 | 495.7 |
| 304.1 | 341.3 | 382.9 | 430.7 | 477.4 | 522.7 | 558.7 |
| 286.4 | 332.5 | 386.0 | 445.1 | 506.4 | 565.8 | 617.8 |
| 264.2 | 315.9 | 378.4 | 446.5 | 518.8 | 590.8 | 658.3 |
| 236.0 | 293.4 | 360.7 | 436.3 | 519.3 | 601.8 | 682.5 |
| 207.9 | 265.0 | 338.2 | 421.7 | 512.0 | 604.3 | 697.7 |
| 188.2 | 239.7 | 315.4 | 403.1 | 500.2 | 600.4 | 705.0 |
| 174.7 | 221.4 | 295.1 | 386.3 | 487.5 | 593.3 | 706.1 |
| 173.6 | 213.5 | 281.9 | 373.9 | 477.4 | 587.1 | 706.1 |
| 183.1 | 217.7 | 277.4 | 367.7 | 473.2 | 585.2 | 706.7 |
| 201.2 | 234.6 | 285.6 | 372.5 | 476.6 | 587.7 | 709.2 |
| 222.8 | 260.2 | 307.5 | 389.1 | 490.9 | 596.1 | 714.9 |
| 242.5 | 289.8 | 344.9 | 421.2 | 517.1 | 617.5 | 730.6 |
| 254.0 | 315.1 | 384.6 | 466.2 | 561.8 | 660.0 | 762.1 |
| 255.4 | 329.2 | 419.7 | 515.1 | 616.1 | 708.7 | 812.5 |
| 254.3 | 330.3 | 424.2 | 524.4 | 627.6 | 720.8 | 829.9 |
| 248.1 | 330.6 | 436.9 | 557.0 | 667.6 | 771.7 | 878.6 |
| 232.4 | 321.6 | 441.4 | 582.6 | 718.0 | 838.6 | 969.5 |
| 205.1 | 296.0 | 428.2 | 583.2 | 737.4 | 876.1 | 1026.9 |
| 164.9 | 247.3 | 371.1 | 530.6 | 686.2 | 839.2 | 1011.9 |
| 120.7 | 181.7 | 280.5 | 411.0 | 559.8 | 698.5 | 866.8 |
| 80.2 | 117.6 | 189.1 | 292.9 | 401.5 | 502.7 | 624.0 |
| 55.1 | 72.9 | 110.6 | 176.1 | 245.6 | 294.8 | 397.5 |
| 40.5 | 48.1 | 61.3 | 90.0 | 118.2 | 145.4 | 207.6 |
| 25.3 | 27.6 | 30.7 | 44.5 | 63.6 | 85.8 | 129.4 |
| 6.8 | 7.0 | 6.5 | 8.7 | 13.8 | 13.2 | 14.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)