

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: P153644

Luminaire Tested: **TMU-F04-LED-E-U-SLR-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P153644
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-F04-LED-E-U-SLR-7030
Description: TALON MEDIUM LED AREA LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8391.8 lumens
Efficiency: N/A
Efficacy: 82.1 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

Input Watts (W): 102.2
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: 28.75 FT

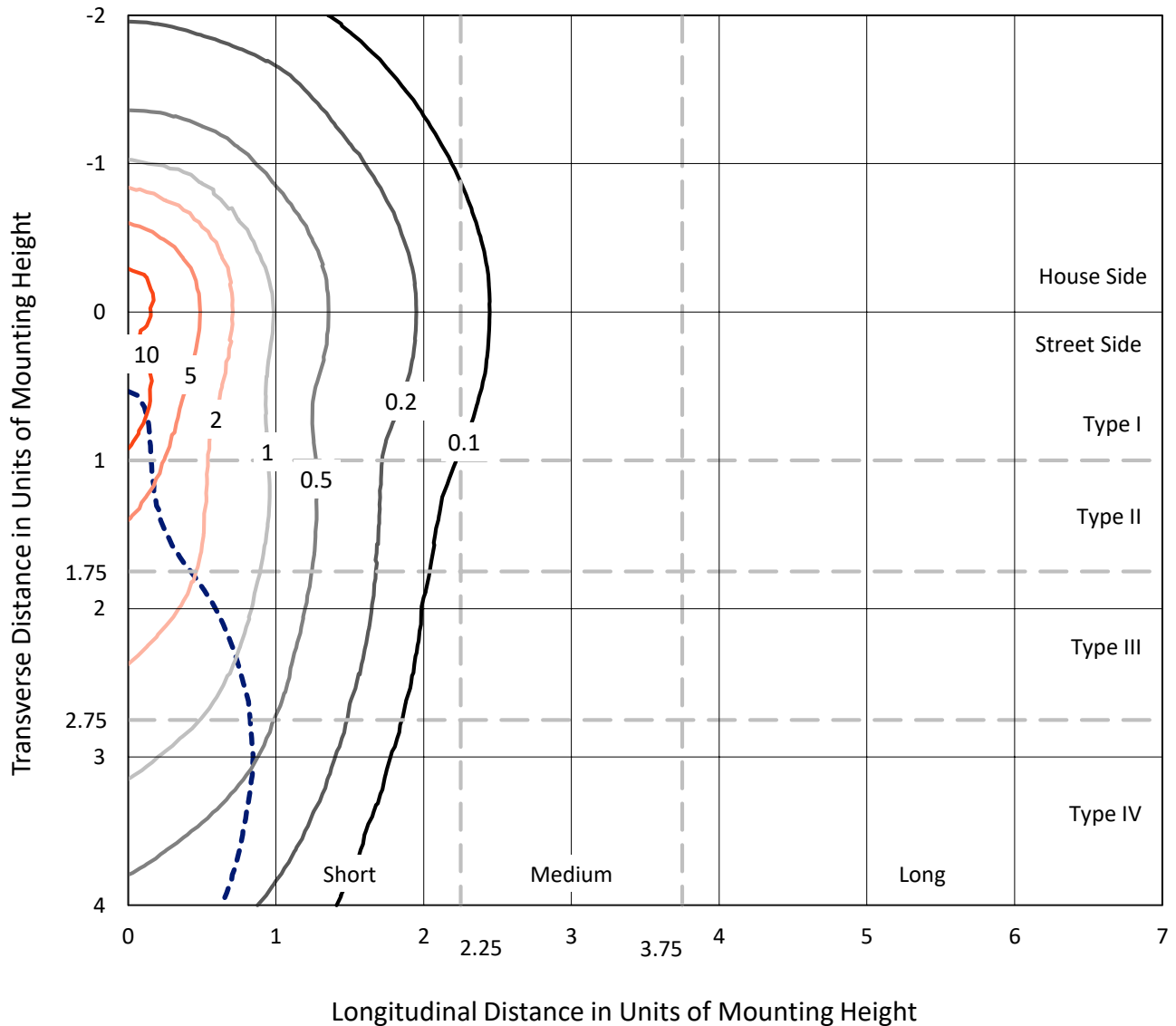


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

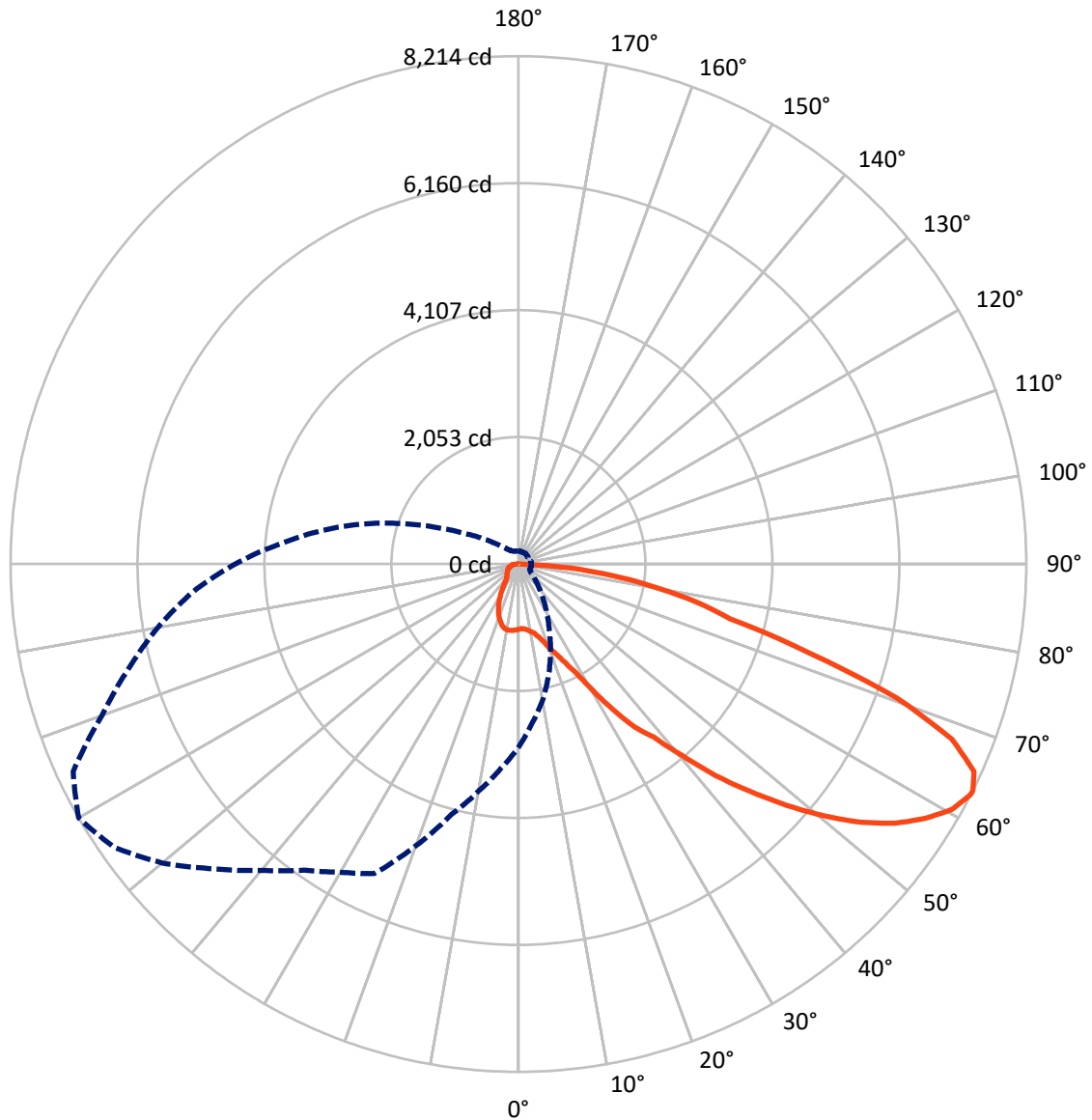


Based on 10 foot mounting height. Maximum calculated value = 13.2 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1819.7 | 0.0 | 1819.7 |
| | % Fixture | 21.7 | 0.0 | 21.7 |
| Street Side | Lumens | 6572.1 | 0.0 | 6572.1 |
| | % Fixture | 78.3 | 0.0 | 78.3 |
| Total | Lumens | 8391.8 | 0.0 | 8391.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 102.7 | 1.2 |
| 10°-20° | 319.7 | 3.8 |
| 20°-30° | 568.0 | 6.8 |
| 30°-40° | 894.5 | 10.7 |
| 40°-50° | 1316.4 | 15.7 |
| 50°-60° | 1748.5 | 20.8 |
| 60°-70° | 1926.0 | 23.0 |
| 70°-80° | 1208.4 | 14.4 |
| 80°-90° | 307.8 | 3.7 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 8391.8 | 100.0 |
| 0°-180° | 8391.8 | 100.0 |

Coefficient of Utilization



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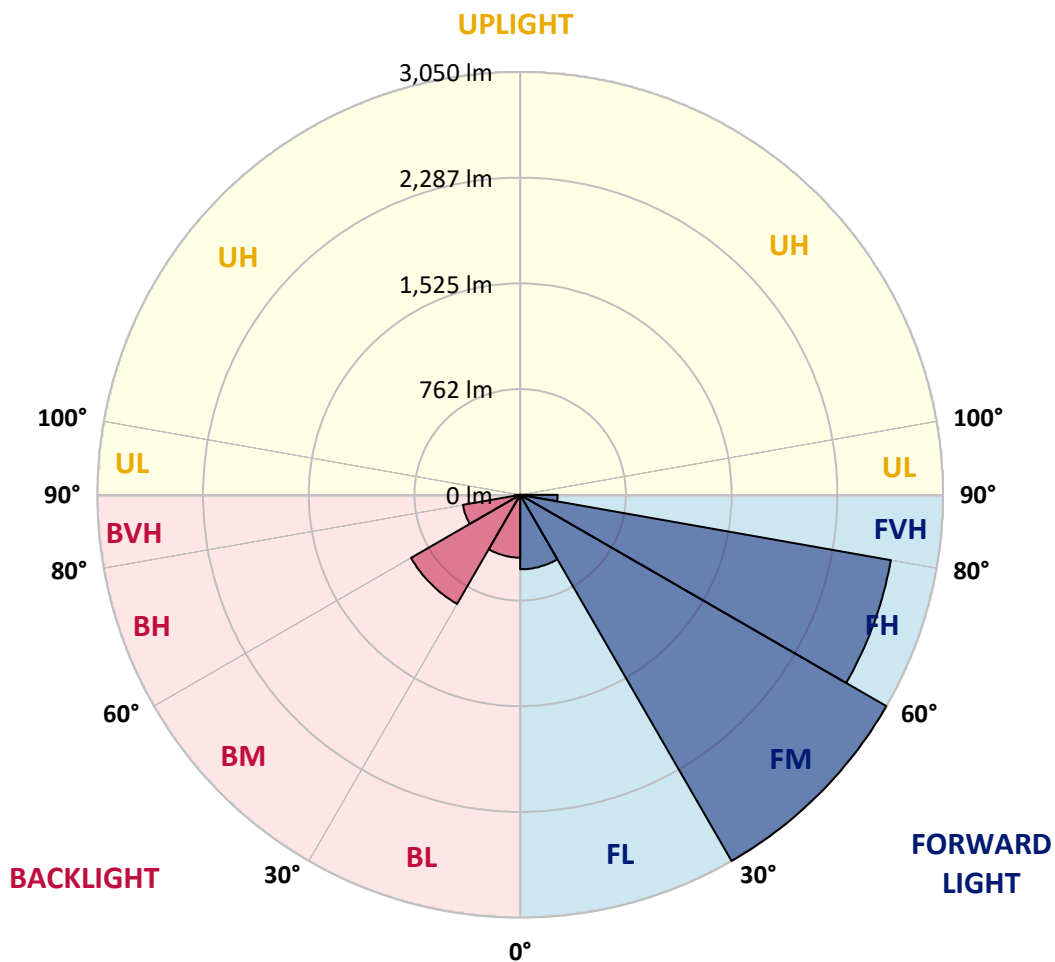
CATALOG NUMBER: TMU-F04-LED-E-U-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 537.3 | 6.4 | | | |
| FM | (30°-60°) | 3049.8 | 36.3 | | | |
| FH | (60°-80°) | 2714.9 | 32.4 | | | G2/5000 |
| FVH | (80°-90°) | 270.1 | 3.2 | | | G3/500 |
| BL | (0°-30°) | 453.0 | 5.4 | B1/500 | | |
| BM | (30°-60°) | 909.5 | 10.8 | B1/1000 | | |
| BH | (60°-80°) | 419.5 | 5.0 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 37.7 | 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-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 |
| 2.5° | 1040.5 | 1043.5 | 1042.5 | 1042.5 | 1044.5 | 1043.5 | 1043.5 | 1044.5 | 1044.5 | 1047.5 | 1051.6 |
| 5° | 1032.5 | 1031.5 | 1029.5 | 1031.5 | 1031.5 | 1031.5 | 1027.4 | 1030.5 | 1031.5 | 1033.5 | 1033.5 |
| 7.5° | 1042.5 | 1039.5 | 1035.5 | 1036.5 | 1036.5 | 1034.5 | 1031.5 | 1032.5 | 1031.5 | 1031.5 | 1030.5 |
| 10° | 1055.6 | 1048.6 | 1043.5 | 1043.5 | 1043.5 | 1041.5 | 1036.5 | 1039.5 | 1039.5 | 1038.5 | 1039.5 |
| 12.5° | 1078.7 | 1070.7 | 1064.6 | 1062.6 | 1062.6 | 1059.6 | 1055.6 | 1059.6 | 1057.6 | 1057.6 | 1055.6 |
| 15° | 1116.9 | 1107.9 | 1100.8 | 1094.8 | 1095.8 | 1095.8 | 1090.8 | 1087.8 | 1083.7 | 1078.7 | 1068.7 |
| 17.5° | 1174.2 | 1164.2 | 1155.1 | 1150.1 | 1151.1 | 1144.1 | 1130.0 | 1115.9 | 1096.8 | 1077.7 | 1056.6 |
| 20° | 1255.7 | 1252.6 | 1240.6 | 1235.5 | 1223.5 | 1206.4 | 1167.2 | 1134.0 | 1096.8 | 1060.6 | 1024.4 |
| 22.5° | 1396.4 | 1382.3 | 1370.3 | 1351.2 | 1310.9 | 1263.7 | 1198.3 | 1140.0 | 1081.7 | 1030.5 | 982.2 |
| 25° | 1585.4 | 1560.3 | 1500.9 | 1442.6 | 1360.2 | 1275.8 | 1187.3 | 1111.9 | 1039.5 | 972.1 | 912.8 |
| 27.5° | 1771.4 | 1695.0 | 1589.4 | 1483.9 | 1363.2 | 1252.6 | 1142.0 | 1052.6 | 968.1 | 894.7 | 829.4 |
| 30° | 1996.6 | 1867.9 | 1706.0 | 1539.2 | 1368.2 | 1219.5 | 1086.8 | 982.2 | 884.7 | 807.3 | 738.9 |
| 32.5° | 2207.7 | 2021.7 | 1809.6 | 1590.4 | 1379.3 | 1188.3 | 1023.4 | 904.8 | 804.3 | 706.7 | 639.4 |
| 35° | 2352.5 | 2111.2 | 1853.8 | 1595.5 | 1352.2 | 1129.0 | 944.0 | 804.3 | 703.7 | 613.2 | 533.8 |
| 37.5° | 2438.9 | 2150.4 | 1855.8 | 1559.3 | 1288.8 | 1048.6 | 843.5 | 704.7 | 612.2 | 525.8 | 463.5 |
| 40° | 2493.2 | 2159.4 | 1829.7 | 1507.0 | 1208.4 | 947.0 | 742.9 | 618.3 | 533.8 | 464.5 | 416.2 |
| 42.5° | 2519.3 | 2145.4 | 1787.5 | 1440.6 | 1127.0 | 856.5 | 672.6 | 554.9 | 481.6 | 432.3 | 396.1 |
| 45° | 2523.4 | 2120.2 | 1742.2 | 1380.3 | 1054.6 | 791.2 | 624.3 | 528.8 | 468.5 | 427.3 | 391.1 |
| 47.5° | 2523.4 | 2098.1 | 1706.0 | 1336.1 | 1007.3 | 763.0 | 620.3 | 539.9 | 480.5 | 434.3 | 391.1 |
| 50° | 2525.4 | 2091.1 | 1691.0 | 1314.0 | 991.3 | 778.1 | 654.5 | 574.0 | 506.7 | 446.4 | 390.1 |
| 52.5° | 2534.4 | 2100.1 | 1703.0 | 1331.0 | 1020.4 | 838.4 | 718.8 | 625.3 | 540.9 | 460.4 | 390.1 |
| 55° | 2554.5 | 2130.3 | 1754.3 | 1390.4 | 1098.8 | 929.9 | 796.2 | 680.6 | 568.0 | 466.5 | 384.0 |
| 57.5° | 2610.8 | 2206.7 | 1847.8 | 1505.0 | 1232.5 | 1035.5 | 866.6 | 719.8 | 578.1 | 461.4 | 372.0 |
| 60° | 2723.4 | 2358.5 | 2007.6 | 1665.8 | 1374.3 | 1126.0 | 907.8 | 725.8 | 569.0 | 445.4 | 352.9 |
| 62.5° | 2903.4 | 2532.4 | 2201.7 | 1840.7 | 1499.9 | 1176.2 | 912.8 | 710.8 | 544.9 | 416.2 | 324.7 |
| 63° | 2965.7 | 2575.6 | 2242.9 | 1873.9 | 1516.0 | 1180.3 | 908.8 | 704.7 | 538.9 | 408.2 | 320.7 |
| 65° | 3139.6 | 2757.6 | 2385.6 | 1990.5 | 1561.3 | 1181.3 | 886.7 | 674.6 | 510.7 | 377.0 | 292.5 |
| 67.5° | 3464.3 | 2996.9 | 2565.6 | 2082.0 | 1577.4 | 1149.1 | 830.4 | 618.3 | 451.4 | 328.7 | 257.4 |
| 70° | 3669.4 | 3130.6 | 2635.0 | 2084.0 | 1530.1 | 1057.6 | 732.9 | 526.8 | 376.0 | 272.4 | 221.2 |
| 72.5° | 3616.2 | 2998.9 | 2452.0 | 1896.0 | 1326.0 | 883.7 | 589.1 | 414.2 | 293.6 | 218.2 | 184.0 |
| 75° | 3097.4 | 2496.2 | 2000.6 | 1468.8 | 1002.3 | 649.4 | 431.3 | 295.6 | 217.2 | 170.9 | 153.8 |
| 77.5° | 2229.8 | 1796.5 | 1434.6 | 1046.5 | 675.6 | 420.2 | 286.5 | 211.1 | 164.9 | 140.7 | 126.7 |
| 80° | 1420.5 | 1053.6 | 877.6 | 629.3 | 395.1 | 260.4 | 197.0 | 159.8 | 135.7 | 117.6 | 108.6 |
| 82.5° | 741.9 | 519.8 | 422.2 | 321.7 | 219.2 | 171.9 | 144.8 | 130.7 | 111.6 | 97.5 | 92.5 |
| 85° | 462.4 | 306.6 | 227.2 | 158.8 | 109.6 | 98.5 | 90.5 | 88.5 | 79.4 | 70.4 | 67.4 |
| 87.5° | 52.3 | 47.3 | 49.3 | 31.2 | 23.1 | 25.1 | 24.1 | 32.2 | 31.2 | 23.1 | 24.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: TMU-F04-LED-E-U-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 |
| 2.5° | 1047.5 | 1049.6 | 1049.6 | 1052.6 | 1052.6 | 1054.6 | 1056.6 | 1056.6 | 1058.6 | 1059.6 | 1061.6 |
| 5° | 1035.5 | 1035.5 | 1035.5 | 1039.5 | 1040.5 | 1046.5 | 1048.6 | 1050.6 | 1052.6 | 1059.6 | 1063.6 |
| 7.5° | 1032.5 | 1028.4 | 1030.5 | 1030.5 | 1033.5 | 1038.5 | 1043.5 | 1046.5 | 1049.6 | 1058.6 | 1064.6 |
| 10° | 1038.5 | 1035.5 | 1032.5 | 1032.5 | 1033.5 | 1035.5 | 1039.5 | 1042.5 | 1044.5 | 1053.6 | 1058.6 |
| 12.5° | 1054.6 | 1047.5 | 1041.5 | 1036.5 | 1032.5 | 1031.5 | 1029.5 | 1030.5 | 1032.5 | 1037.5 | 1044.5 |
| 15° | 1057.6 | 1044.5 | 1031.5 | 1018.4 | 1008.3 | 1002.3 | 997.3 | 995.3 | 995.3 | 998.3 | 1006.3 |
| 17.5° | 1037.5 | 1015.4 | 996.3 | 979.2 | 968.1 | 957.1 | 952.0 | 948.0 | 946.0 | 950.0 | 951.0 |
| 20° | 994.3 | 968.1 | 942.0 | 921.9 | 901.8 | 898.8 | 890.7 | 892.7 | 894.7 | 900.8 | 903.8 |
| 22.5° | 935.0 | 903.8 | 871.6 | 850.5 | 834.4 | 820.3 | 811.3 | 815.3 | 818.3 | 824.4 | 827.4 |
| 25° | 862.6 | 817.3 | 783.1 | 762.0 | 744.9 | 732.9 | 722.8 | 726.8 | 722.8 | 729.9 | 740.9 |
| 27.5° | 777.1 | 723.8 | 687.6 | 663.5 | 651.5 | 641.4 | 631.3 | 631.3 | 641.4 | 641.4 | 650.4 |
| 30° | 673.6 | 634.4 | 587.1 | 562.0 | 546.9 | 540.9 | 539.9 | 537.8 | 544.9 | 548.9 | 559.0 |
| 32.5° | 576.1 | 527.8 | 482.6 | 458.4 | 445.4 | 438.3 | 439.3 | 440.3 | 443.3 | 449.4 | 465.5 |
| 35° | 477.5 | 435.3 | 403.1 | 376.0 | 362.9 | 349.9 | 349.9 | 347.8 | 350.9 | 357.9 | 377.0 |
| 37.5° | 414.2 | 377.0 | 351.9 | 330.8 | 317.7 | 309.6 | 302.6 | 299.6 | 299.6 | 302.6 | 309.6 |
| 40° | 379.0 | 351.9 | 328.7 | 310.6 | 298.6 | 291.5 | 287.5 | 284.5 | 282.5 | 282.5 | 283.5 |
| 42.5° | 362.9 | 334.8 | 311.7 | 295.6 | 286.5 | 282.5 | 281.5 | 280.5 | 277.5 | 276.5 | 275.5 |
| 45° | 354.9 | 322.7 | 296.6 | 283.5 | 276.5 | 274.5 | 275.5 | 275.5 | 274.5 | 272.4 | 268.4 |
| 47.5° | 348.8 | 311.7 | 285.5 | 273.4 | 270.4 | 270.4 | 270.4 | 270.4 | 269.4 | 268.4 | 265.4 |
| 50° | 338.8 | 294.6 | 266.4 | 257.4 | 255.4 | 255.4 | 256.4 | 256.4 | 258.4 | 256.4 | 254.3 |
| 52.5° | 327.7 | 278.5 | 250.3 | 242.3 | 241.3 | 240.3 | 240.3 | 240.3 | 241.3 | 241.3 | 240.3 |
| 55° | 315.7 | 266.4 | 242.3 | 236.3 | 237.3 | 236.3 | 235.2 | 234.2 | 234.2 | 233.2 | 231.2 |
| 57.5° | 303.6 | 256.4 | 236.3 | 232.2 | 233.2 | 233.2 | 231.2 | 229.2 | 228.2 | 225.2 | 223.2 |
| 60° | 285.5 | 242.3 | 224.2 | 222.2 | 225.2 | 225.2 | 225.2 | 224.2 | 224.2 | 223.2 | 218.2 |
| 62.5° | 261.4 | 222.2 | 208.1 | 209.1 | 210.1 | 212.1 | 212.1 | 212.1 | 212.1 | 210.1 | 205.1 |
| 63° | 256.4 | 218.2 | 205.1 | 205.1 | 208.1 | 208.1 | 209.1 | 208.1 | 209.1 | 207.1 | 201.1 |
| 65° | 236.3 | 205.1 | 195.0 | 196.0 | 198.0 | 198.0 | 198.0 | 197.0 | 197.0 | 194.0 | 191.0 |
| 67.5° | 213.1 | 189.0 | 183.0 | 184.0 | 185.0 | 187.0 | 186.0 | 186.0 | 187.0 | 185.0 | 182.0 |
| 70° | 187.0 | 171.9 | 167.9 | 168.9 | 169.9 | 169.9 | 168.9 | 168.9 | 169.9 | 167.9 | 164.9 |
| 72.5° | 166.9 | 160.9 | 157.8 | 157.8 | 155.8 | 155.8 | 153.8 | 152.8 | 151.8 | 151.8 | 148.8 |
| 75° | 140.7 | 139.7 | 140.7 | 142.8 | 140.7 | 138.7 | 137.7 | 134.7 | 132.7 | 132.7 | 131.7 |
| 77.5° | 120.6 | 120.6 | 122.6 | 125.7 | 126.7 | 126.7 | 123.7 | 118.6 | 117.6 | 117.6 | 117.6 |
| 80° | 104.6 | 102.5 | 102.5 | 105.6 | 108.6 | 107.6 | 102.5 | 97.5 | 97.5 | 102.5 | 103.5 |
| 82.5° | 91.5 | 91.5 | 88.5 | 89.5 | 88.5 | 87.5 | 82.4 | 79.4 | 78.4 | 82.4 | 86.5 |
| 85° | 72.4 | 73.4 | 72.4 | 71.4 | 70.4 | 67.4 | 63.3 | 60.3 | 59.3 | 63.3 | 69.4 |
| 87.5° | 29.2 | 28.1 | 27.1 | 28.1 | 27.1 | 29.2 | 28.1 | 26.1 | 25.1 | 28.1 | 34.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: TMU-F04-LED-E-U-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 |
| 2.5° | 1062.6 | 1064.6 | 1066.6 | 1066.6 | 1068.7 | 1067.7 | 1068.7 | 1069.7 | 1069.7 | 1070.7 | 1070.7 |
| 5° | 1068.7 | 1071.7 | 1075.7 | 1079.7 | 1080.7 | 1083.7 | 1086.8 | 1084.7 | 1087.8 | 1091.8 | 1091.8 |
| 7.5° | 1070.7 | 1077.7 | 1080.7 | 1086.8 | 1087.8 | 1091.8 | 1098.8 | 1093.8 | 1099.8 | 1102.8 | 1103.8 |
| 10° | 1067.7 | 1074.7 | 1079.7 | 1086.8 | 1089.8 | 1096.8 | 1103.8 | 1101.8 | 1108.9 | 1113.9 | 1114.9 |
| 12.5° | 1049.6 | 1056.6 | 1067.7 | 1077.7 | 1085.8 | 1096.8 | 1109.9 | 1105.9 | 1115.9 | 1121.9 | 1125.0 |
| 15° | 1014.4 | 1021.4 | 1033.5 | 1049.6 | 1064.6 | 1081.7 | 1098.8 | 1101.8 | 1111.9 | 1118.9 | 1121.9 |
| 17.5° | 959.1 | 968.1 | 981.2 | 998.3 | 1017.4 | 1046.5 | 1068.7 | 1079.7 | 1093.8 | 1097.8 | 1102.8 |
| 20° | 907.8 | 916.9 | 924.9 | 935.0 | 949.0 | 977.2 | 1006.3 | 1028.4 | 1046.5 | 1061.6 | 1065.6 |
| 22.5° | 839.4 | 847.5 | 857.5 | 865.6 | 875.6 | 895.7 | 919.9 | 945.0 | 973.2 | 982.2 | 992.3 |
| 25° | 757.0 | 762.0 | 776.1 | 781.1 | 788.2 | 805.3 | 824.4 | 842.5 | 869.6 | 888.7 | 893.7 |
| 27.5° | 668.5 | 673.6 | 686.6 | 689.7 | 698.7 | 714.8 | 728.9 | 735.9 | 761.0 | 781.1 | 797.2 |
| 30° | 566.0 | 579.1 | 595.2 | 597.2 | 607.2 | 617.3 | 630.3 | 637.4 | 660.5 | 681.6 | 701.7 |
| 32.5° | 477.5 | 490.6 | 503.7 | 511.7 | 516.7 | 524.8 | 537.8 | 544.9 | 567.0 | 586.1 | 606.2 |
| 35° | 387.0 | 403.1 | 417.2 | 428.3 | 432.3 | 442.3 | 452.4 | 459.4 | 482.6 | 499.6 | 513.7 |
| 37.5° | 318.7 | 330.8 | 345.8 | 356.9 | 367.9 | 375.0 | 387.0 | 397.1 | 411.2 | 420.2 | 435.3 |
| 40° | 285.5 | 291.5 | 299.6 | 308.6 | 317.7 | 325.7 | 334.8 | 342.8 | 351.9 | 363.9 | 374.0 |
| 42.5° | 274.5 | 275.5 | 275.5 | 278.5 | 283.5 | 287.5 | 295.6 | 301.6 | 307.6 | 316.7 | 321.7 |
| 45° | 266.4 | 265.4 | 263.4 | 261.4 | 262.4 | 264.4 | 269.4 | 273.4 | 280.5 | 284.5 | 285.5 |
| 47.5° | 262.4 | 258.4 | 254.3 | 251.3 | 250.3 | 251.3 | 255.4 | 259.4 | 263.4 | 266.4 | 267.4 |
| 50° | 249.3 | 246.3 | 240.3 | 236.3 | 234.2 | 236.3 | 241.3 | 243.3 | 247.3 | 250.3 | 251.3 |
| 52.5° | 236.3 | 232.2 | 228.2 | 224.2 | 224.2 | 225.2 | 229.2 | 233.2 | 237.3 | 238.3 | 240.3 |
| 55° | 228.2 | 222.2 | 218.2 | 215.1 | 213.1 | 216.1 | 219.2 | 224.2 | 229.2 | 230.2 | 232.2 |
| 57.5° | 220.2 | 214.1 | 210.1 | 207.1 | 205.1 | 208.1 | 211.1 | 218.2 | 224.2 | 224.2 | 224.2 |
| 60° | 215.1 | 210.1 | 204.1 | 201.1 | 198.0 | 201.1 | 205.1 | 212.1 | 218.2 | 217.2 | 216.1 |
| 62.5° | 201.1 | 196.0 | 193.0 | 193.0 | 190.0 | 195.0 | 199.1 | 207.1 | 208.1 | 206.1 | 204.1 |
| 63° | 197.0 | 193.0 | 191.0 | 191.0 | 189.0 | 194.0 | 198.0 | 205.1 | 205.1 | 203.1 | 201.1 |
| 65° | 187.0 | 184.0 | 182.0 | 184.0 | 184.0 | 189.0 | 190.0 | 195.0 | 194.0 | 191.0 | 190.0 |
| 67.5° | 178.9 | 176.9 | 174.9 | 174.9 | 174.9 | 175.9 | 176.9 | 178.9 | 177.9 | 176.9 | 177.9 |
| 70° | 165.9 | 164.9 | 162.9 | 162.9 | 161.9 | 161.9 | 161.9 | 162.9 | 162.9 | 163.9 | 164.9 |
| 72.5° | 149.8 | 147.8 | 147.8 | 148.8 | 146.8 | 147.8 | 148.8 | 147.8 | 149.8 | 149.8 | 150.8 |
| 75° | 131.7 | 130.7 | 132.7 | 134.7 | 133.7 | 133.7 | 134.7 | 134.7 | 135.7 | 135.7 | 136.7 |
| 77.5° | 117.6 | 118.6 | 119.6 | 121.6 | 122.6 | 122.6 | 122.6 | 121.6 | 122.6 | 122.6 | 123.7 |
| 80° | 104.6 | 106.6 | 108.6 | 110.6 | 111.6 | 111.6 | 111.6 | 110.6 | 110.6 | 110.6 | 110.6 |
| 82.5° | 94.5 | 97.5 | 99.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 100.5 | 98.5 | 96.5 |
| 85° | 79.4 | 85.5 | 85.5 | 86.5 | 83.4 | 81.4 | 79.4 | 80.4 | 81.4 | 77.4 | 76.4 |
| 87.5° | 40.2 | 40.2 | 42.2 | 44.2 | 45.2 | 45.2 | 51.3 | 48.3 | 47.3 | 46.2 | 44.2 |
| 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: P153644

CATALOG NUMBER: TMU-F04-LED-E-U-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 |
| 2.5° | 1071.7 | 1070.7 | 1072.7 | 1070.7 | 1071.7 | 1072.7 | 1070.7 | 1073.7 | 1075.7 | 1072.7 | 1069.7 |
| 5° | 1093.8 | 1093.8 | 1098.8 | 1100.8 | 1101.8 | 1107.9 | 1104.9 | 1106.9 | 1108.9 | 1107.9 | 1108.9 |
| 7.5° | 1107.9 | 1111.9 | 1116.9 | 1121.9 | 1122.9 | 1128.0 | 1127.0 | 1130.0 | 1132.0 | 1137.0 | 1137.0 |
| 10° | 1119.9 | 1125.0 | 1132.0 | 1137.0 | 1142.0 | 1146.1 | 1148.1 | 1154.1 | 1155.1 | 1159.1 | 1159.1 |
| 12.5° | 1131.0 | 1137.0 | 1144.1 | 1152.1 | 1157.1 | 1165.2 | 1166.2 | 1175.2 | 1178.2 | 1179.2 | 1176.2 |
| 15° | 1129.0 | 1136.0 | 1144.1 | 1153.1 | 1162.2 | 1172.2 | 1178.2 | 1187.3 | 1192.3 | 1194.3 | 1189.3 |
| 17.5° | 1109.9 | 1115.9 | 1126.0 | 1138.0 | 1149.1 | 1162.2 | 1173.2 | 1186.3 | 1194.3 | 1196.3 | 1195.3 |
| 20° | 1072.7 | 1076.7 | 1089.8 | 1105.9 | 1118.9 | 1139.0 | 1155.1 | 1175.2 | 1188.3 | 1198.3 | 1201.4 |
| 22.5° | 999.3 | 1009.3 | 1022.4 | 1040.5 | 1059.6 | 1084.7 | 1107.9 | 1137.0 | 1165.2 | 1189.3 | 1213.4 |
| 25° | 910.8 | 928.9 | 949.0 | 973.2 | 996.3 | 1022.4 | 1048.6 | 1081.7 | 1122.9 | 1173.2 | 1230.5 |
| 27.5° | 821.4 | 852.5 | 877.6 | 908.8 | 936.0 | 962.1 | 991.3 | 1027.4 | 1072.7 | 1133.0 | 1206.4 |
| 30° | 730.9 | 766.1 | 793.2 | 829.4 | 865.6 | 900.8 | 929.9 | 968.1 | 1012.4 | 1073.7 | 1154.1 |
| 32.5° | 634.4 | 669.5 | 701.7 | 734.9 | 775.1 | 817.3 | 852.5 | 899.8 | 947.0 | 1010.4 | 1091.8 |
| 35° | 534.8 | 566.0 | 593.1 | 628.3 | 672.6 | 717.8 | 764.0 | 818.3 | 869.6 | 936.0 | 1022.4 |
| 37.5° | 448.4 | 470.5 | 496.6 | 527.8 | 562.0 | 610.2 | 662.5 | 726.8 | 785.2 | 857.5 | 946.0 |
| 40° | 377.0 | 389.1 | 404.1 | 430.3 | 461.4 | 508.7 | 560.0 | 628.3 | 698.7 | 778.1 | 863.6 |
| 42.5° | 321.7 | 327.7 | 331.8 | 348.8 | 374.0 | 420.2 | 469.5 | 535.8 | 613.2 | 699.7 | 786.2 |
| 45° | 285.5 | 288.5 | 289.5 | 298.6 | 316.7 | 356.9 | 408.2 | 464.5 | 538.9 | 623.3 | 713.8 |
| 47.5° | 268.4 | 271.4 | 273.4 | 275.5 | 286.5 | 317.7 | 363.9 | 417.2 | 485.6 | 563.0 | 655.5 |
| 50° | 254.3 | 257.4 | 260.4 | 259.4 | 264.4 | 284.5 | 323.7 | 373.0 | 437.3 | 508.7 | 600.2 |
| 52.5° | 240.3 | 242.3 | 242.3 | 242.3 | 245.3 | 258.4 | 286.5 | 331.8 | 391.1 | 458.4 | 548.9 |
| 55° | 232.2 | 234.2 | 235.2 | 236.3 | 237.3 | 244.3 | 265.4 | 301.6 | 352.9 | 415.2 | 496.6 |
| 57.5° | 224.2 | 225.2 | 227.2 | 228.2 | 230.2 | 234.2 | 247.3 | 273.4 | 316.7 | 369.0 | 437.3 |
| 60° | 217.2 | 219.2 | 223.2 | 224.2 | 226.2 | 227.2 | 233.2 | 249.3 | 277.5 | 317.7 | 373.0 |
| 62.5° | 206.1 | 209.1 | 213.1 | 214.1 | 216.1 | 217.2 | 218.2 | 227.2 | 240.3 | 264.4 | 305.6 |
| 63° | 203.1 | 206.1 | 211.1 | 212.1 | 213.1 | 213.1 | 214.1 | 220.2 | 232.2 | 253.3 | 283.5 |
| 65° | 192.0 | 196.0 | 199.1 | 200.1 | 201.1 | 201.1 | 200.1 | 202.1 | 203.1 | 212.1 | 230.2 |
| 67.5° | 180.0 | 183.0 | 185.0 | 186.0 | 185.0 | 186.0 | 185.0 | 183.0 | 181.0 | 183.0 | 191.0 |
| 70° | 167.9 | 169.9 | 169.9 | 170.9 | 171.9 | 172.9 | 170.9 | 168.9 | 166.9 | 165.9 | 170.9 |
| 72.5° | 153.8 | 155.8 | 155.8 | 156.8 | 156.8 | 158.8 | 158.8 | 157.8 | 157.8 | 158.8 | 159.8 |
| 75° | 139.7 | 141.8 | 140.7 | 142.8 | 142.8 | 145.8 | 145.8 | 146.8 | 148.8 | 147.8 | 146.8 |
| 77.5° | 126.7 | 127.7 | 127.7 | 128.7 | 129.7 | 134.7 | 137.7 | 138.7 | 138.7 | 136.7 | 134.7 |
| 80° | 112.6 | 112.6 | 110.6 | 109.6 | 110.6 | 115.6 | 121.6 | 122.6 | 125.7 | 124.7 | 125.7 |
| 82.5° | 94.5 | 90.5 | 87.5 | 87.5 | 89.5 | 92.5 | 94.5 | 96.5 | 98.5 | 98.5 | 100.5 |
| 85° | 72.4 | 68.4 | 65.3 | 66.4 | 69.4 | 70.4 | 69.4 | 69.4 | 73.4 | 76.4 | 73.4 |
| 87.5° | 43.2 | 39.2 | 37.2 | 34.2 | 35.2 | 38.2 | 37.2 | 34.2 | 35.2 | 28.1 | 26.1 |
| 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: P153644

CATALOG NUMBER: TMU-F04-LED-E-U-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 |
| 2.5° | 1071.7 | 1070.7 | 1068.7 | 1065.6 | 1064.6 | 1062.6 | 1063.6 | 1060.6 | 1058.6 | 1056.6 | 1053.6 |
| 5° | 1108.9 | 1108.9 | 1102.8 | 1102.8 | 1099.8 | 1098.8 | 1091.8 | 1088.8 | 1082.7 | 1084.7 | 1077.7 |
| 7.5° | 1135.0 | 1138.0 | 1131.0 | 1130.0 | 1126.0 | 1125.0 | 1115.9 | 1112.9 | 1107.9 | 1105.9 | 1099.8 |
| 10° | 1154.1 | 1154.1 | 1145.1 | 1138.0 | 1133.0 | 1128.0 | 1118.9 | 1114.9 | 1110.9 | 1111.9 | 1107.9 |
| 12.5° | 1169.2 | 1162.2 | 1149.1 | 1139.0 | 1132.0 | 1127.0 | 1119.9 | 1116.9 | 1115.9 | 1122.9 | 1124.0 |
| 15° | 1181.3 | 1171.2 | 1155.1 | 1148.1 | 1142.0 | 1141.0 | 1141.0 | 1144.1 | 1151.1 | 1164.2 | 1174.2 |
| 17.5° | 1188.3 | 1182.3 | 1174.2 | 1172.2 | 1182.3 | 1188.3 | 1196.3 | 1205.4 | 1215.4 | 1233.5 | 1244.6 |
| 20° | 1201.4 | 1205.4 | 1211.4 | 1219.5 | 1235.5 | 1250.6 | 1260.7 | 1273.7 | 1285.8 | 1307.9 | 1326.0 |
| 22.5° | 1235.5 | 1258.7 | 1277.8 | 1293.9 | 1318.0 | 1339.1 | 1352.2 | 1370.3 | 1379.3 | 1394.4 | 1422.5 |
| 25° | 1279.8 | 1327.0 | 1367.2 | 1401.4 | 1438.6 | 1460.7 | 1478.8 | 1502.0 | 1516.0 | 1541.2 | 1566.3 |
| 27.5° | 1266.7 | 1334.1 | 1394.4 | 1457.7 | 1509.0 | 1566.3 | 1606.5 | 1644.7 | 1668.8 | 1706.0 | 1739.2 |
| 30° | 1226.5 | 1306.9 | 1388.4 | 1471.8 | 1553.2 | 1635.7 | 1712.1 | 1781.4 | 1834.7 | 1888.0 | 1942.3 |
| 32.5° | 1172.2 | 1264.7 | 1364.2 | 1466.8 | 1573.3 | 1687.9 | 1793.5 | 1898.1 | 1986.5 | 2063.9 | 2139.3 |
| 35° | 1109.9 | 1214.4 | 1318.0 | 1444.7 | 1576.3 | 1722.1 | 1868.9 | 2013.7 | 2148.4 | 2285.1 | 2377.6 |
| 37.5° | 1035.5 | 1142.0 | 1257.7 | 1403.4 | 1558.3 | 1738.2 | 1925.2 | 2114.2 | 2305.2 | 2489.2 | 2649.0 |
| 40° | 956.1 | 1064.6 | 1186.3 | 1344.1 | 1519.0 | 1728.2 | 1961.4 | 2215.7 | 2478.1 | 2744.5 | 2956.7 |
| 42.5° | 885.7 | 997.3 | 1130.0 | 1289.8 | 1479.8 | 1715.1 | 1990.5 | 2303.2 | 2623.9 | 2953.6 | 3265.3 |
| 45° | 817.3 | 940.0 | 1079.7 | 1251.6 | 1462.7 | 1725.1 | 2033.8 | 2384.6 | 2754.6 | 3154.7 | 3534.7 |
| 47.5° | 756.0 | 880.7 | 1016.4 | 1204.4 | 1437.6 | 1730.2 | 2076.0 | 2466.1 | 2878.2 | 3311.5 | 3762.9 |
| 50° | 700.7 | 821.4 | 955.1 | 1144.1 | 1398.4 | 1727.1 | 2114.2 | 2539.5 | 2984.8 | 3435.2 | 3938.9 |
| 52.5° | 646.4 | 769.1 | 905.8 | 1085.8 | 1350.2 | 1710.1 | 2132.3 | 2599.8 | 3083.3 | 3559.9 | 4080.6 |
| 55° | 593.1 | 713.8 | 851.5 | 1030.5 | 1286.8 | 1665.8 | 2130.3 | 2639.0 | 3161.7 | 3677.5 | 4217.3 |
| 57.5° | 530.8 | 645.4 | 780.1 | 969.1 | 1219.5 | 1597.5 | 2100.1 | 2657.1 | 3229.1 | 3794.1 | 4381.2 |
| 60° | 453.4 | 561.0 | 690.7 | 879.7 | 1131.0 | 1510.0 | 2036.8 | 2647.0 | 3268.3 | 3880.6 | 4520.9 |
| 62.5° | 357.9 | 451.4 | 570.0 | 755.0 | 1020.4 | 1384.3 | 1918.2 | 2555.5 | 3206.0 | 3868.5 | 4586.3 |
| 63° | 337.8 | 426.3 | 541.9 | 724.8 | 973.2 | 1350.2 | 1883.0 | 2519.3 | 3175.8 | 3843.4 | 4577.2 |
| 65° | 271.4 | 328.7 | 421.2 | 585.1 | 814.3 | 1182.3 | 1708.0 | 2333.4 | 3014.0 | 3666.4 | 4446.6 |
| 67.5° | 208.1 | 237.3 | 286.5 | 401.1 | 576.1 | 929.9 | 1383.3 | 1977.5 | 2615.9 | 3229.1 | 4025.3 |
| 70° | 177.9 | 191.0 | 212.1 | 266.4 | 365.9 | 587.1 | 971.1 | 1474.8 | 2027.7 | 2559.6 | 3275.3 |
| 72.5° | 161.9 | 167.9 | 178.9 | 202.1 | 251.3 | 351.9 | 619.3 | 960.1 | 1379.3 | 1824.7 | 2377.6 |
| 75° | 148.8 | 153.8 | 162.9 | 174.9 | 193.0 | 234.2 | 352.9 | 587.1 | 896.7 | 1198.3 | 1604.5 |
| 77.5° | 135.7 | 138.7 | 148.8 | 159.8 | 171.9 | 193.0 | 233.2 | 337.8 | 515.7 | 706.7 | 967.1 |
| 80° | 124.7 | 122.6 | 129.7 | 147.8 | 159.8 | 171.9 | 184.0 | 219.2 | 293.6 | 387.0 | 522.8 |
| 82.5° | 99.5 | 101.5 | 107.6 | 125.7 | 130.7 | 127.7 | 129.7 | 135.7 | 163.9 | 178.9 | 267.4 |
| 85° | 67.4 | 62.3 | 61.3 | 63.3 | 63.3 | 60.3 | 60.3 | 59.3 | 65.3 | 74.4 | 127.7 |
| 87.5° | 18.1 | 9.0 | 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 |



REPORT NUMBER: P153644
 CATALOG NUMBER: TMU-F04-LED-E-U-SLR-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 0° |
| 2.5° | 1051.6 | 1050.6 | 1051.6 | 1046.5 | 1046.5 | 1045.5 | 1044.5 | 1042.5 | 1042.5 | 1038.5 | 1041.5 | 2.5° |
| 5° | 1071.7 | 1069.7 | 1065.6 | 1059.6 | 1056.6 | 1052.6 | 1052.6 | 1048.6 | 1045.5 | 1041.5 | 1042.5 | 5° |
| 7.5° | 1094.8 | 1095.8 | 1088.8 | 1083.7 | 1081.7 | 1077.7 | 1078.7 | 1072.7 | 1073.7 | 1070.7 | 1068.7 | 7.5° |
| 10° | 1107.9 | 1107.9 | 1109.9 | 1108.9 | 1110.9 | 1110.9 | 1113.9 | 1109.9 | 1107.9 | 1104.9 | 1104.9 | 10° |
| 12.5° | 1129.0 | 1133.0 | 1141.0 | 1141.0 | 1147.1 | 1149.1 | 1150.1 | 1152.1 | 1148.1 | 1146.1 | 1139.0 | 12.5° |
| 15° | 1181.3 | 1191.3 | 1198.3 | 1208.4 | 1220.5 | 1224.5 | 1224.5 | 1220.5 | 1218.5 | 1215.4 | 1202.4 | 15° |
| 17.5° | 1267.7 | 1289.8 | 1295.9 | 1311.9 | 1314.0 | 1319.0 | 1333.1 | 1325.0 | 1320.0 | 1298.9 | 1294.9 | 17.5° |
| 20° | 1356.2 | 1384.3 | 1412.5 | 1432.6 | 1442.6 | 1462.7 | 1465.8 | 1461.7 | 1441.6 | 1421.5 | 1412.5 | 20° |
| 22.5° | 1462.7 | 1505.0 | 1537.1 | 1568.3 | 1583.4 | 1593.4 | 1615.6 | 1610.5 | 1594.4 | 1564.3 | 1552.2 | 22.5° |
| 25° | 1613.5 | 1665.8 | 1700.0 | 1738.2 | 1758.3 | 1768.4 | 1790.5 | 1790.5 | 1773.4 | 1764.3 | 1763.3 | 25° |
| 27.5° | 1803.6 | 1867.9 | 1924.2 | 1937.3 | 1989.5 | 2001.6 | 2022.7 | 2022.7 | 2006.6 | 1995.6 | 2048.9 | 27.5° |
| 30° | 2014.7 | 2082.0 | 2179.5 | 2244.9 | 2308.2 | 2370.6 | 2369.6 | 2373.6 | 2392.7 | 2402.7 | 2425.8 | 30° |
| 32.5° | 2225.8 | 2309.2 | 2412.8 | 2554.5 | 2690.2 | 2805.9 | 2955.7 | 3051.2 | 3022.0 | 2940.6 | 2908.4 | 32.5° |
| 35° | 2482.1 | 2574.6 | 2700.3 | 2843.1 | 3091.4 | 3241.2 | 3313.5 | 3364.8 | 3370.9 | 3381.9 | 3405.0 | 35° |
| 37.5° | 2767.7 | 2922.5 | 3068.3 | 3230.1 | 3367.8 | 3549.8 | 3717.7 | 3852.4 | 3883.6 | 3946.9 | 3910.7 | 37.5° |
| 40° | 3128.6 | 3301.5 | 3454.3 | 3663.4 | 3848.4 | 4067.5 | 4307.8 | 4492.8 | 4567.2 | 4543.1 | 4362.1 | 40° |
| 42.5° | 3506.6 | 3720.7 | 3899.7 | 4146.0 | 4386.2 | 4675.8 | 4924.1 | 5182.4 | 5228.7 | 5042.7 | 4772.3 | 42.5° |
| 45° | 3854.4 | 4119.8 | 4342.0 | 4598.4 | 4891.9 | 5238.7 | 5570.5 | 5835.9 | 5826.9 | 5508.2 | 5146.3 | 45° |
| 47.5° | 4167.1 | 4492.8 | 4764.2 | 5098.0 | 5413.7 | 5826.9 | 6207.9 | 6403.9 | 6288.3 | 5911.3 | 5468.0 | 47.5° |
| 50° | 4425.4 | 4831.6 | 5166.4 | 5504.2 | 5905.3 | 6402.9 | 6769.9 | 6880.4 | 6657.3 | 6247.1 | 5780.6 | 50° |
| 52.5° | 4633.5 | 5143.2 | 5519.2 | 5908.3 | 6415.0 | 6938.8 | 7254.4 | 7213.2 | 6924.7 | 6503.4 | 6039.0 | 52.5° |
| 55° | 4809.5 | 5381.5 | 5829.9 | 6289.3 | 6917.6 | 7400.2 | 7610.3 | 7499.7 | 7096.6 | 6669.3 | 6215.9 | 55° |
| 57.5° | 4991.4 | 5612.7 | 6115.4 | 6648.2 | 7347.9 | 7762.1 | 7878.7 | 7651.5 | 7178.0 | 6732.7 | 6292.3 | 57.5° |
| 60° | 5173.4 | 5805.7 | 6367.7 | 6961.9 | 7673.6 | 8057.7 | 8025.5 | 7685.7 | 7153.9 | 6686.4 | 6241.1 | 60° |
| 62.5° | 5296.1 | 5920.4 | 6514.5 | 7154.9 | 7917.9 | 8208.5 | 8011.4 | 7564.1 | 7014.1 | 6504.5 | 6088.2 | 62.5° |
| 63° | 5299.1 | 5924.4 | 6523.6 | 7168.0 | 7945.1 | 8213.5 | 7984.3 | 7520.8 | 6969.9 | 6467.3 | 6043.0 | 63° |
| 65° | 5235.7 | 5849.0 | 6443.1 | 7108.7 | 7922.0 | 8097.9 | 7750.0 | 7265.5 | 6717.6 | 6209.9 | 5807.8 | 65° |
| 67.5° | 4912.0 | 5537.3 | 6062.1 | 6689.4 | 7507.8 | 7558.0 | 7122.7 | 6731.7 | 6239.0 | 5713.3 | 5293.0 | 67.5° |
| 70° | 4259.6 | 4779.3 | 5294.0 | 5817.8 | 6504.5 | 6495.4 | 6086.2 | 5887.2 | 5455.9 | 4856.7 | 4519.9 | 70° |
| 72.5° | 3387.9 | 3854.4 | 4216.3 | 4567.2 | 5019.6 | 4928.1 | 4664.7 | 4720.0 | 4440.5 | 3993.1 | 3793.1 | 72.5° |
| 75° | 2515.3 | 3028.0 | 3205.0 | 3347.7 | 3538.7 | 3539.7 | 3612.1 | 3769.0 | 3764.9 | 3516.6 | 3264.3 | 75° |
| 77.5° | 1649.7 | 2210.7 | 2270.0 | 2384.6 | 2613.8 | 2925.5 | 3247.2 | 3593.0 | 3679.5 | 3483.4 | 3110.5 | 77.5° |
| 80° | 919.9 | 1503.0 | 1434.6 | 1533.1 | 1780.4 | 2203.7 | 2678.2 | 3060.2 | 3285.4 | 3175.8 | 2780.7 | 80° |
| 82.5° | 470.5 | 866.6 | 828.4 | 965.1 | 1165.2 | 1533.1 | 1846.8 | 2140.3 | 2405.7 | 2390.7 | 2240.9 | 82.5° |
| 85° | 244.3 | 474.5 | 539.9 | 611.2 | 711.8 | 843.5 | 962.1 | 1047.5 | 1158.1 | 1353.2 | 1419.5 | 85° |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 72.4 | 52.3 | 143.8 | 205.1 | 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° |



IUMBER: P153644

NUMBER: TMU-F04-LED-E-U-SLR-7030

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 | 1054.6 |
| 1042.5 | 1043.5 | 1041.5 | 1041.5 | 1042.5 | 1042.5 | 1040.5 |
| 1040.5 | 1040.5 | 1038.5 | 1036.5 | 1034.5 | 1034.5 | 1032.5 |
| 1063.6 | 1063.6 | 1056.6 | 1053.6 | 1048.6 | 1044.5 | 1042.5 |
| 1097.8 | 1091.8 | 1083.7 | 1077.7 | 1069.7 | 1060.6 | 1055.6 |
| 1132.0 | 1122.9 | 1112.9 | 1103.8 | 1093.8 | 1083.7 | 1078.7 |
| 1188.3 | 1176.2 | 1163.2 | 1152.1 | 1138.0 | 1122.9 | 1116.9 |
| 1274.8 | 1255.7 | 1238.6 | 1222.5 | 1197.3 | 1186.3 | 1174.2 |
| 1389.4 | 1361.2 | 1339.1 | 1311.9 | 1280.8 | 1270.7 | 1255.7 |
| 1528.1 | 1504.0 | 1459.7 | 1439.6 | 1408.5 | 1393.4 | 1396.4 |
| 1739.2 | 1708.0 | 1656.8 | 1637.7 | 1634.7 | 1601.5 | 1585.4 |
| 2014.7 | 2016.7 | 1969.4 | 1918.2 | 1890.0 | 1837.7 | 1771.4 |
| 2406.7 | 2379.6 | 2324.3 | 2272.0 | 2205.7 | 2107.2 | 1996.6 |
| 2881.3 | 2820.9 | 2729.5 | 2631.9 | 2514.3 | 2362.5 | 2207.7 |
| 3344.7 | 3239.2 | 3093.4 | 2930.5 | 2760.6 | 2571.6 | 2352.5 |
| 3751.9 | 3588.0 | 3369.8 | 3182.9 | 2942.6 | 2706.3 | 2438.9 |
| 4123.8 | 3920.8 | 3639.3 | 3397.0 | 3113.5 | 2809.9 | 2493.2 |
| 4483.7 | 4226.4 | 3881.6 | 3553.8 | 3233.1 | 2879.2 | 2519.3 |
| 4826.6 | 4494.8 | 4085.6 | 3695.6 | 3320.6 | 2924.5 | 2523.4 |
| 5090.0 | 4728.0 | 4268.6 | 3798.1 | 3380.9 | 2958.7 | 2523.4 |
| 5334.3 | 4925.1 | 4408.3 | 3878.5 | 3437.2 | 2981.8 | 2525.4 |
| 5524.3 | 5063.8 | 4498.8 | 3935.8 | 3481.4 | 2998.9 | 2534.4 |
| 5662.0 | 5154.3 | 4559.1 | 3971.0 | 3513.6 | 3023.0 | 2554.5 |
| 5758.5 | 5213.6 | 4592.3 | 4002.2 | 3552.8 | 3065.2 | 2610.8 |
| 5804.7 | 5323.2 | 4647.6 | 4064.5 | 3620.2 | 3154.7 | 2723.4 |
| 5769.6 | 5493.1 | 4805.5 | 4170.1 | 3713.7 | 3294.4 | 2903.4 |
| 5754.5 | 5524.3 | 4848.7 | 4193.2 | 3734.8 | 3324.6 | 2965.7 |
| 5636.9 | 5555.4 | 5026.6 | 4309.8 | 3835.3 | 3458.3 | 3139.6 |
| 5271.9 | 5432.8 | 5176.4 | 4506.9 | 4051.5 | 3783.0 | 3464.3 |
| 4799.4 | 5250.8 | 5149.3 | 4532.0 | 4189.2 | 4049.4 | 3669.4 |
| 4233.4 | 4700.9 | 4606.4 | 4197.2 | 4037.4 | 4052.5 | 3616.2 |
| 3331.6 | 3682.5 | 3620.2 | 3476.4 | 3508.6 | 3619.2 | 3097.4 |
| 2669.1 | 2621.9 | 2478.1 | 2488.2 | 2674.2 | 2803.9 | 2229.8 |
| 2180.5 | 1765.4 | 1578.4 | 1583.4 | 1908.1 | 2042.8 | 1420.5 |
| 2075.0 | 1669.8 | 1360.2 | 1188.3 | 1388.4 | 1337.1 | 741.9 |
| 1477.8 | 1480.8 | 1228.5 | 998.3 | 967.1 | 822.4 | 462.4 |
| 349.9 | 280.5 | 200.1 | 148.8 | 156.8 | 103.5 | 52.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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