

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: P150774

Luminaire Tested: **TMU-F02-LED-E-U-SL3-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P150774
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: STREETWORKS
Catalog Number: TMU-F02-LED-E-U-SL3-HSS-7030
Description: TALON MEDIUM LED AREA LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2614.5 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

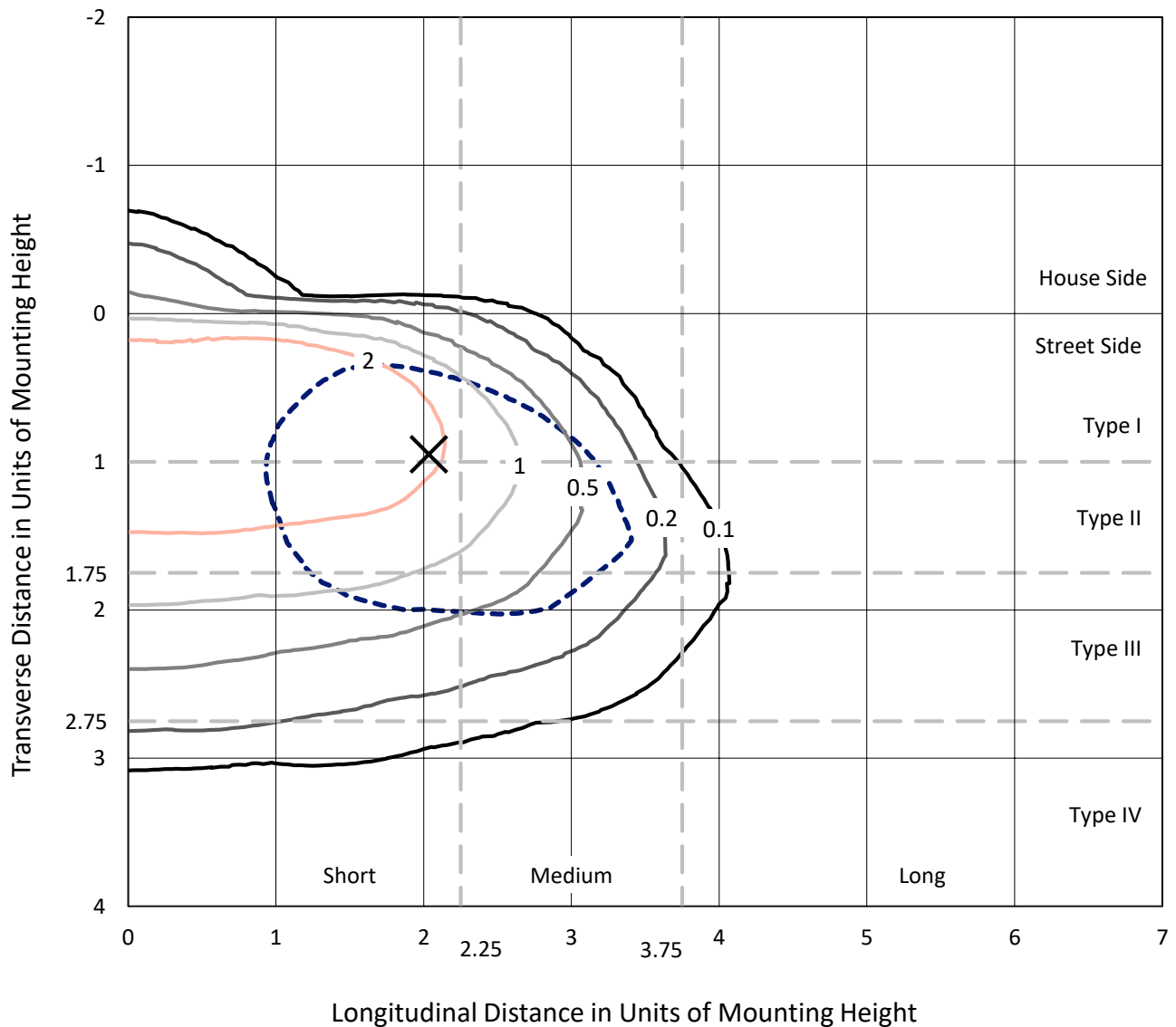
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

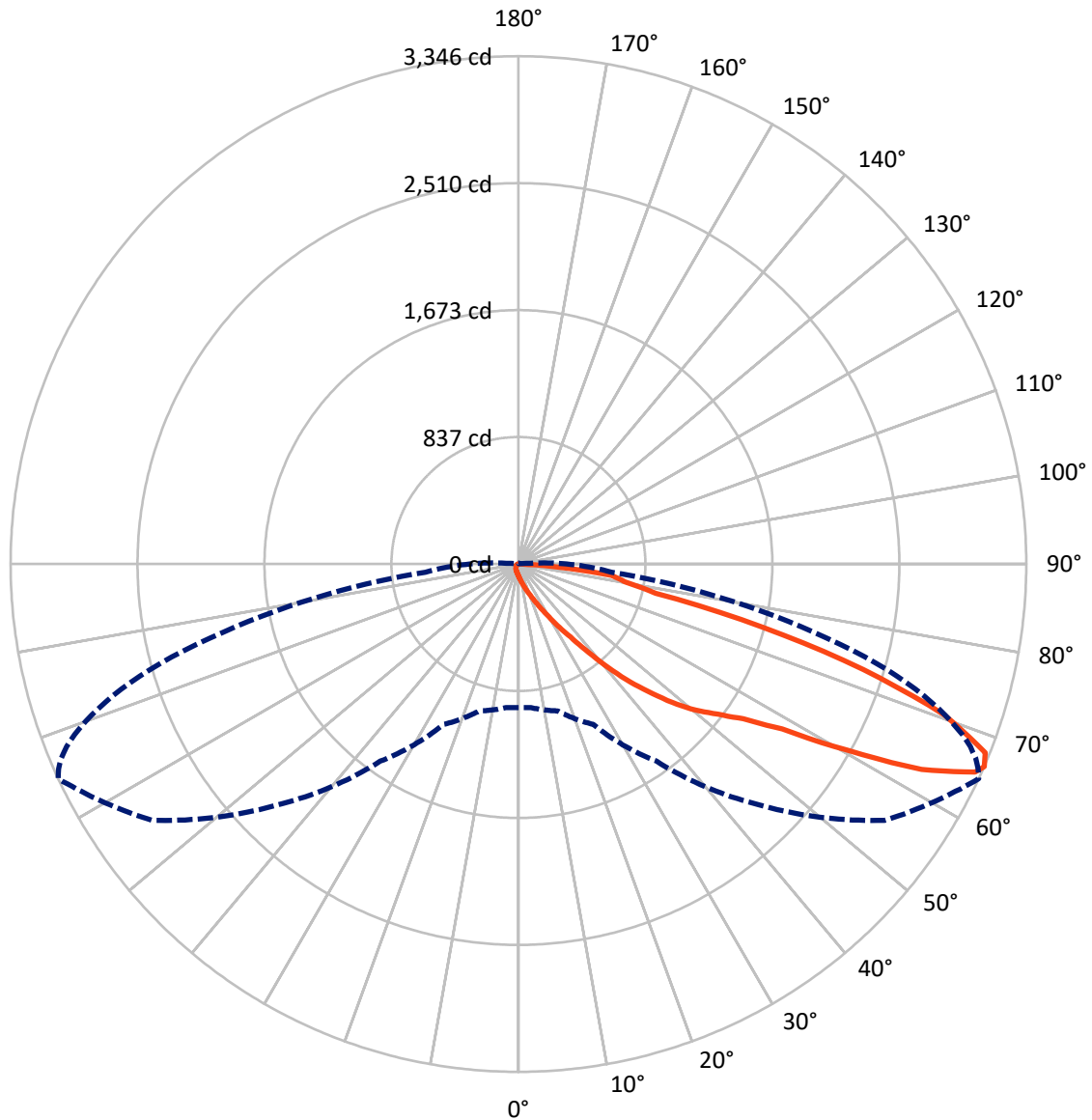
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.3 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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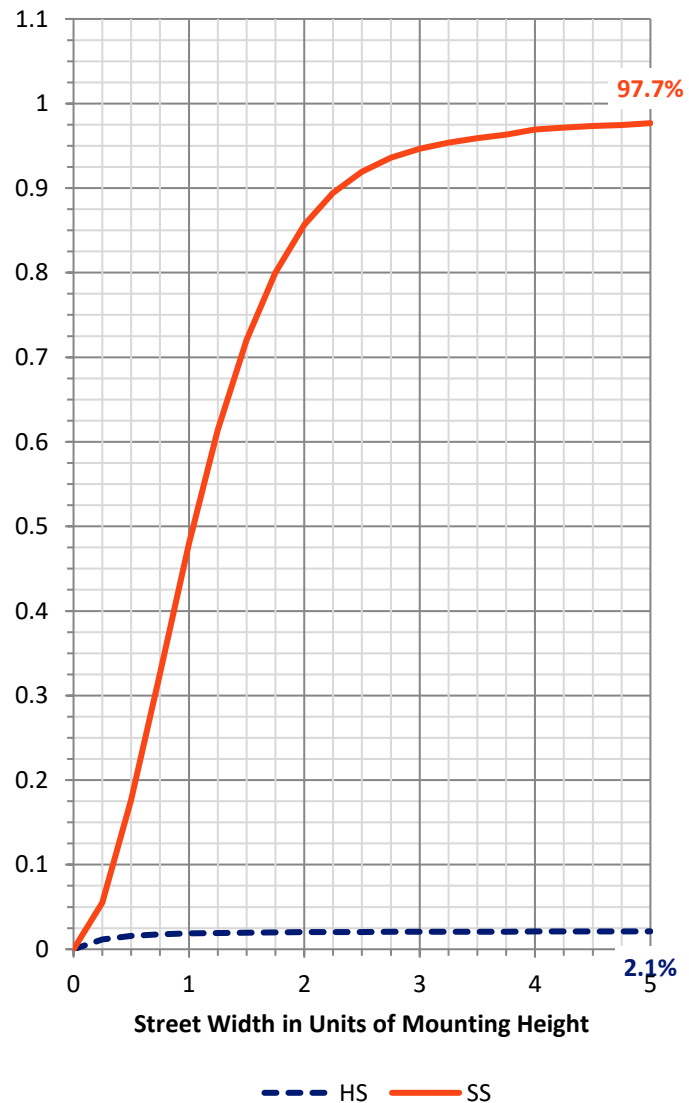
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 56.6 | 0.0 | 56.6 |
| | % Fixture | 2.2 | 0.0 | 2.2 |
| Street Side | Lumens | 2557.9 | 0.0 | 2557.9 |
| | % Fixture | 97.8 | 0.0 | 97.8 |
| Total | Lumens | 2614.5 | 0.0 | 2614.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 8.8 | 0.3 |
| 10°-20° | 37.5 | 1.4 |
| 20°-30° | 80.8 | 3.1 |
| 30°-40° | 172.5 | 6.6 |
| 40°-50° | 381.6 | 14.6 |
| 50°-60° | 646.6 | 24.7 |
| 60°-70° | 862.9 | 33.0 |
| 70°-80° | 380.1 | 14.5 |
| 80°-90° | 43.8 | 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°-90° | 2614.5 | 100.0 |
| 0°-180° | 2614.5 | 100.0 |



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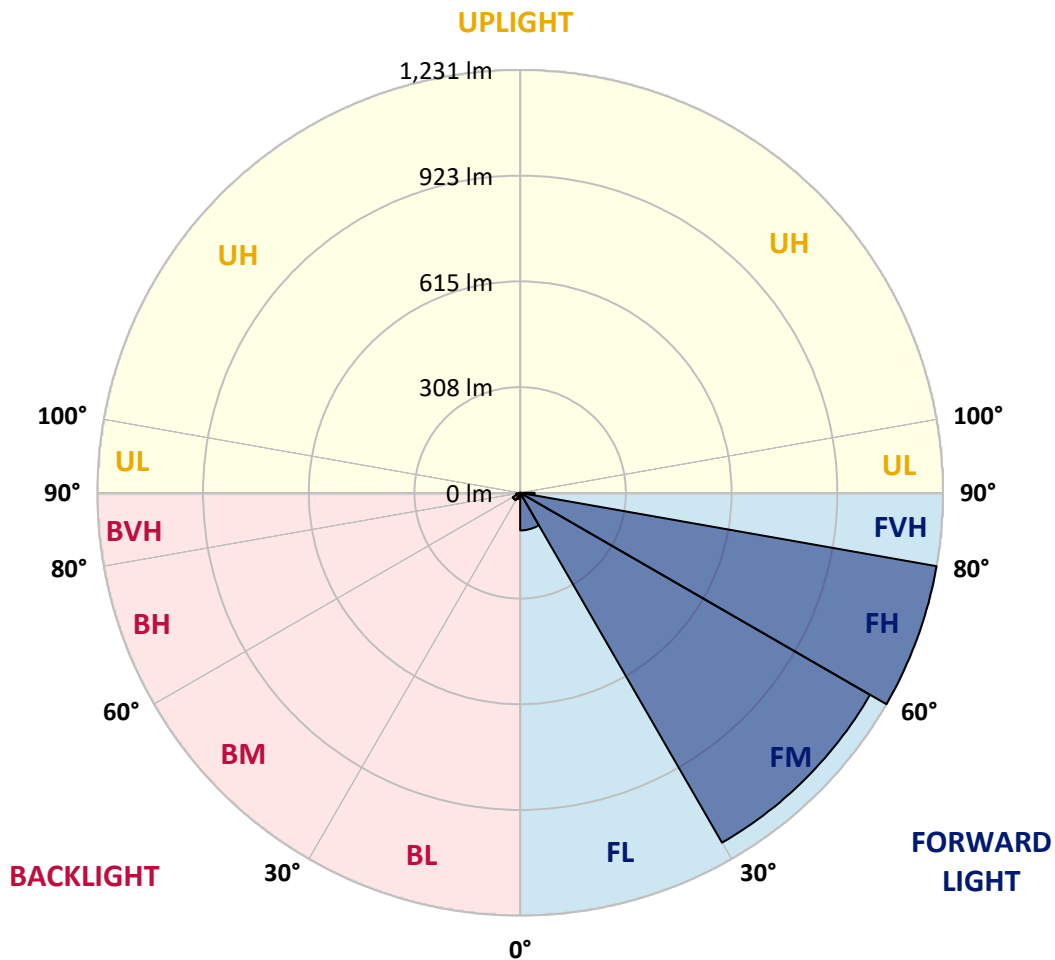
CATALOG NUMBER: TMU-F02-LED-E-U-SL3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 109.2 | 4.2 | | | |
| FM | (30°-60°) | 1175.9 | 45.0 | | | |
| FH | (60°-80°) | 1230.8 | 47.1 | | | G1/1800 |
| FVH | (80°-90°) | 42.0 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 17.9 | 0.7 | B0/110 | | |
| BM | (30°-60°) | 24.9 | 1.0 | B0/220 | | |
| BH | (60°-80°) | 12.1 | 0.5 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 1.7 | 0.1 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 67° | 68° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 2.5° | 99.5 | 99.0 | 97.0 | 97.0 | 94.0 | 92.0 | 89.5 | 87.0 | 87.0 | 86.5 | 86.0 |
| 5° | 131.7 | 128.7 | 128.2 | 122.6 | 118.1 | 111.6 | 105.6 | 97.5 | 96.5 | 95.5 | 95.0 |
| 7.5° | 167.4 | 166.9 | 162.4 | 155.8 | 146.8 | 134.7 | 122.6 | 109.6 | 107.6 | 106.6 | 104.6 |
| 10° | 213.6 | 211.1 | 205.1 | 194.0 | 180.5 | 164.4 | 144.8 | 124.2 | 121.6 | 119.6 | 118.6 |
| 12.5° | 257.9 | 253.3 | 249.8 | 235.7 | 218.7 | 195.0 | 171.4 | 141.8 | 139.7 | 137.2 | 133.2 |
| 15° | 299.1 | 295.1 | 289.0 | 277.0 | 257.9 | 228.2 | 200.6 | 164.4 | 159.3 | 155.8 | 152.8 |
| 17.5° | 331.3 | 328.7 | 321.7 | 308.1 | 287.5 | 261.4 | 228.2 | 187.5 | 183.5 | 178.9 | 173.4 |
| 20° | 361.9 | 358.4 | 347.3 | 328.7 | 306.6 | 286.5 | 260.9 | 217.7 | 212.1 | 206.6 | 200.6 |
| 22.5° | 391.1 | 387.6 | 369.5 | 338.8 | 315.2 | 306.6 | 297.6 | 251.8 | 243.3 | 238.8 | 232.7 |
| 25° | 431.8 | 424.2 | 396.1 | 347.3 | 315.7 | 322.2 | 337.8 | 296.1 | 288.0 | 281.5 | 271.9 |
| 27.5° | 486.6 | 476.5 | 432.3 | 359.9 | 317.7 | 339.3 | 384.0 | 349.9 | 341.3 | 333.8 | 323.2 |
| 30° | 548.4 | 541.9 | 489.1 | 390.1 | 332.3 | 364.4 | 435.8 | 418.2 | 408.2 | 399.1 | 386.5 |
| 32.5° | 610.7 | 601.7 | 549.4 | 447.4 | 371.5 | 413.2 | 500.7 | 497.6 | 484.6 | 476.0 | 462.4 |
| 35° | 665.5 | 661.0 | 622.3 | 541.4 | 460.9 | 498.6 | 587.1 | 590.6 | 579.1 | 570.0 | 554.9 |
| 37.5° | 702.7 | 702.7 | 695.2 | 642.4 | 603.2 | 631.3 | 714.3 | 714.8 | 703.2 | 682.6 | 675.1 |
| 40° | 721.8 | 727.4 | 754.5 | 764.5 | 762.5 | 798.7 | 881.2 | 872.1 | 862.6 | 852.0 | 826.9 |
| 42.5° | 761.0 | 766.1 | 823.9 | 893.2 | 938.5 | 986.2 | 1043.0 | 1040.0 | 1028.4 | 1009.3 | 986.2 |
| 45° | 827.4 | 833.9 | 902.8 | 1012.9 | 1105.9 | 1173.7 | 1209.9 | 1195.8 | 1184.3 | 1166.2 | 1154.1 |
| 47.5° | 911.8 | 924.4 | 1002.3 | 1138.5 | 1250.6 | 1362.7 | 1400.4 | 1363.2 | 1353.2 | 1339.1 | 1319.5 |
| 50° | 1001.8 | 1013.9 | 1096.8 | 1252.6 | 1379.3 | 1513.0 | 1575.8 | 1513.0 | 1498.4 | 1493.9 | 1471.8 |
| 52.5° | 1079.7 | 1089.8 | 1169.7 | 1340.6 | 1477.8 | 1634.7 | 1726.1 | 1643.2 | 1632.6 | 1617.6 | 1601.5 |
| 55° | 1126.0 | 1134.0 | 1208.9 | 1382.8 | 1544.7 | 1744.2 | 1871.4 | 1798.5 | 1782.9 | 1776.9 | 1753.8 |
| 57.5° | 1141.5 | 1149.6 | 1216.9 | 1388.4 | 1580.9 | 1844.3 | 2047.8 | 2050.4 | 2031.8 | 2010.1 | 2003.1 |
| 60° | 1141.5 | 1150.6 | 1207.4 | 1374.8 | 1616.1 | 1950.8 | 2283.1 | 2492.7 | 2452.5 | 2448.5 | 2422.8 |
| 62.5° | 1094.3 | 1102.8 | 1160.1 | 1333.1 | 1663.3 | 2094.6 | 2610.8 | 2980.8 | 2969.2 | 2943.1 | 2900.9 |
| 65° | 991.8 | 996.8 | 1053.1 | 1226.5 | 1645.2 | 2226.8 | 2894.8 | 3305.5 | 3286.9 | 3235.6 | 3181.3 |
| 66° | 945.5 | 949.5 | 1002.3 | 1165.7 | 1585.9 | 2244.9 | 2945.1 | 3346.2 | 3315.6 | 3272.3 | 3211.0 |
| 67.5° | 878.7 | 885.7 | 922.9 | 1052.6 | 1443.6 | 2182.1 | 2913.4 | 3317.6 | 3290.9 | 3238.7 | 3177.3 |
| 70° | 586.6 | 581.6 | 712.8 | 807.8 | 1099.8 | 1777.9 | 2613.8 | 2978.8 | 2979.3 | 2954.6 | 2930.0 |
| 72.5° | 278.5 | 281.5 | 319.7 | 497.1 | 719.8 | 1187.8 | 2080.5 | 2377.6 | 2411.8 | 2367.5 | 2336.9 |
| 75° | 200.1 | 204.6 | 227.7 | 304.1 | 429.3 | 712.8 | 1348.6 | 1662.8 | 1663.8 | 1585.4 | 1515.5 |
| 77.5° | 58.3 | 60.8 | 85.5 | 187.5 | 321.7 | 481.0 | 774.6 | 924.4 | 902.8 | 846.5 | 793.7 |
| 80° | 24.1 | 24.1 | 25.1 | 59.8 | 129.2 | 326.7 | 541.9 | 711.8 | 709.3 | 687.6 | 656.5 |
| 82.5° | 9.0 | 9.6 | 12.1 | 24.6 | 30.7 | 80.4 | 361.4 | 617.8 | 616.3 | 585.6 | 563.5 |
| 85° | 1.0 | 1.0 | 3.0 | 10.6 | 11.6 | 15.1 | 72.4 | 272.4 | 270.9 | 272.4 | 238.8 |
| 87.5° | 0.0 | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 3.0 | 10.6 | 11.6 | 11.1 | 10.1 |
| 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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CANDELA DISTRIBUTION (continued):

| | 69° | 70° | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 2.5° | 86.0 | 84.9 | 84.9 | 84.4 | 84.4 | 84.4 | 83.9 | 83.4 | 83.4 | 82.9 | 82.4 |
| 5° | 94.0 | 93.0 | 92.5 | 91.5 | 91.0 | 90.5 | 89.5 | 89.0 | 88.0 | 87.5 | 87.0 |
| 7.5° | 103.5 | 101.5 | 101.0 | 99.5 | 98.0 | 97.0 | 96.0 | 94.5 | 93.5 | 91.5 | 91.0 |
| 10° | 115.6 | 113.1 | 111.1 | 109.1 | 107.6 | 105.1 | 103.5 | 101.5 | 99.5 | 98.0 | 96.5 |
| 12.5° | 131.2 | 127.7 | 124.7 | 122.6 | 119.1 | 116.1 | 113.1 | 111.6 | 107.6 | 105.6 | 103.0 |
| 15° | 148.3 | 144.3 | 140.7 | 136.7 | 134.2 | 129.2 | 125.2 | 120.6 | 118.6 | 115.1 | 111.1 |
| 17.5° | 170.4 | 163.9 | 158.3 | 154.3 | 149.3 | 144.3 | 139.7 | 135.2 | 129.2 | 125.2 | 120.1 |
| 20° | 194.0 | 188.5 | 181.0 | 173.9 | 167.9 | 161.9 | 155.3 | 149.3 | 143.8 | 137.2 | 131.2 |
| 22.5° | 224.2 | 216.1 | 207.1 | 200.1 | 192.0 | 185.5 | 176.4 | 168.4 | 159.3 | 150.8 | 143.8 |
| 25° | 262.4 | 251.8 | 243.3 | 233.2 | 223.7 | 213.6 | 202.6 | 192.5 | 181.0 | 172.9 | 160.9 |
| 27.5° | 309.6 | 299.6 | 288.0 | 275.0 | 265.4 | 250.3 | 235.7 | 223.2 | 209.6 | 197.0 | 183.5 |
| 30° | 370.0 | 355.4 | 343.3 | 330.8 | 311.7 | 297.1 | 280.0 | 262.9 | 244.3 | 231.7 | 211.1 |
| 32.5° | 442.3 | 426.8 | 408.7 | 390.6 | 373.0 | 352.4 | 331.3 | 310.1 | 289.5 | 266.4 | 245.3 |
| 35° | 530.8 | 512.2 | 491.6 | 472.0 | 444.9 | 422.7 | 396.1 | 366.9 | 343.8 | 317.2 | 290.5 |
| 37.5° | 647.9 | 617.3 | 599.2 | 578.6 | 541.9 | 511.7 | 482.1 | 452.9 | 412.2 | 384.0 | 346.3 |
| 40° | 794.7 | 776.6 | 747.0 | 713.8 | 680.6 | 640.9 | 600.7 | 562.0 | 514.7 | 475.5 | 431.8 |
| 42.5° | 967.1 | 940.5 | 910.3 | 862.6 | 828.9 | 782.1 | 736.4 | 685.1 | 627.3 | 577.1 | 525.8 |
| 45° | 1129.0 | 1097.3 | 1074.2 | 1026.4 | 991.3 | 936.0 | 880.7 | 826.4 | 759.5 | 694.7 | 635.4 |
| 47.5° | 1303.9 | 1277.8 | 1239.6 | 1200.9 | 1165.2 | 1102.8 | 1043.0 | 977.2 | 906.8 | 829.9 | 753.0 |
| 50° | 1457.7 | 1437.1 | 1411.0 | 1364.2 | 1324.5 | 1272.2 | 1201.9 | 1130.0 | 1041.0 | 964.6 | 877.1 |
| 52.5° | 1588.4 | 1572.3 | 1535.6 | 1502.5 | 1466.8 | 1417.5 | 1354.7 | 1285.8 | 1189.8 | 1105.9 | 1006.3 |
| 55° | 1742.7 | 1731.2 | 1699.0 | 1678.4 | 1646.7 | 1599.5 | 1540.7 | 1476.8 | 1375.3 | 1283.8 | 1171.2 |
| 57.5° | 1995.6 | 1986.5 | 1958.4 | 1949.8 | 1918.7 | 1877.4 | 1805.1 | 1736.7 | 1618.1 | 1504.5 | 1375.8 |
| 60° | 2414.3 | 2396.2 | 2355.0 | 2333.9 | 2268.0 | 2212.7 | 2118.7 | 2024.7 | 1881.5 | 1736.7 | 1581.9 |
| 62.5° | 2862.7 | 2811.9 | 2733.5 | 2666.1 | 2572.6 | 2476.6 | 2351.0 | 2207.2 | 2039.3 | 1867.4 | 1689.4 |
| 65° | 3104.4 | 3018.0 | 2919.0 | 2811.9 | 2690.8 | 2549.5 | 2391.2 | 2218.8 | 2038.3 | 1856.8 | 1668.8 |
| 66° | 3132.1 | 3034.6 | 2929.5 | 2810.4 | 2675.7 | 2525.4 | 2364.5 | 2183.6 | 1996.1 | 1819.1 | 1631.1 |
| 67.5° | 3097.4 | 2995.4 | 2884.3 | 2752.1 | 2606.3 | 2450.5 | 2281.6 | 2093.6 | 1913.1 | 1733.7 | 1550.7 |
| 70° | 2854.6 | 2753.1 | 2654.1 | 2514.8 | 2359.5 | 2202.7 | 2042.8 | 1832.7 | 1661.8 | 1496.9 | 1334.1 |
| 72.5° | 2279.6 | 2210.7 | 2112.7 | 1993.6 | 1842.3 | 1658.3 | 1525.1 | 1337.1 | 1188.8 | 1028.9 | 902.8 |
| 75° | 1424.5 | 1327.5 | 1206.4 | 1054.6 | 939.0 | 789.7 | 711.8 | 569.0 | 484.6 | 410.7 | 339.3 |
| 77.5° | 728.4 | 655.5 | 570.5 | 485.1 | 403.1 | 321.7 | 248.8 | 175.9 | 118.6 | 82.4 | 61.3 |
| 80° | 601.7 | 537.3 | 467.0 | 389.1 | 316.7 | 245.8 | 176.9 | 120.6 | 76.9 | 50.3 | 39.2 |
| 82.5° | 497.1 | 442.8 | 380.0 | 307.6 | 244.8 | 193.0 | 134.2 | 87.5 | 54.3 | 35.2 | 27.6 |
| 85° | 211.6 | 192.0 | 148.3 | 117.6 | 88.5 | 65.3 | 45.7 | 30.7 | 21.6 | 17.6 | 16.1 |
| 87.5° | 9.0 | 10.1 | 9.6 | 7.5 | 5.5 | 5.5 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 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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CANDELA DISTRIBUTION (continued):

| | 80° | 81° | 82° | 83° | 84° | 85° | 95° | 105° | 115° | 125° | 135° |
|-------|--------|--------|--------|-------|-------|-------|------|------|------|------|------|
| 0° | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 2.5° | 82.4 | 81.9 | 81.4 | 81.4 | 80.9 | 80.4 | 77.4 | 74.9 | 71.9 | 69.9 | 67.9 |
| 5° | 86.0 | 85.5 | 84.4 | 83.9 | 82.9 | 82.4 | 75.9 | 70.4 | 65.8 | 62.3 | 59.8 |
| 7.5° | 89.5 | 89.0 | 87.5 | 86.0 | 85.5 | 84.4 | 73.9 | 66.9 | 60.8 | 56.8 | 54.3 |
| 10° | 94.0 | 92.5 | 91.0 | 89.0 | 87.5 | 86.0 | 71.9 | 62.8 | 56.3 | 52.8 | 50.3 |
| 12.5° | 100.5 | 98.0 | 95.5 | 93.0 | 91.0 | 88.5 | 70.9 | 59.3 | 52.8 | 48.8 | 46.2 |
| 15° | 108.1 | 104.6 | 101.5 | 98.5 | 95.0 | 92.5 | 68.9 | 56.3 | 49.8 | 45.7 | 42.7 |
| 17.5° | 115.1 | 111.1 | 106.6 | 102.0 | 98.5 | 95.0 | 66.9 | 53.3 | 46.7 | 42.7 | 39.7 |
| 20° | 125.2 | 119.1 | 113.6 | 108.1 | 103.0 | 98.5 | 63.8 | 50.3 | 44.2 | 39.7 | 36.7 |
| 22.5° | 136.2 | 129.2 | 122.1 | 114.6 | 108.1 | 102.0 | 61.3 | 47.8 | 41.7 | 37.2 | 33.7 |
| 25° | 150.3 | 141.8 | 132.2 | 122.6 | 115.1 | 107.1 | 58.8 | 45.2 | 39.2 | 34.7 | 31.2 |
| 27.5° | 169.9 | 157.8 | 147.3 | 135.2 | 123.7 | 114.6 | 56.8 | 43.2 | 36.7 | 32.2 | 28.7 |
| 30° | 196.5 | 178.9 | 162.4 | 149.3 | 135.7 | 122.6 | 54.8 | 40.7 | 34.7 | 29.7 | 25.6 |
| 32.5° | 226.2 | 205.6 | 186.5 | 166.9 | 149.8 | 134.7 | 52.8 | 38.7 | 32.2 | 27.1 | 23.6 |
| 35° | 262.9 | 236.8 | 211.1 | 188.5 | 167.9 | 147.8 | 50.8 | 36.7 | 30.2 | 24.6 | 21.1 |
| 37.5° | 315.7 | 283.0 | 249.3 | 220.2 | 193.5 | 166.9 | 49.3 | 34.7 | 27.6 | 22.1 | 18.6 |
| 40° | 388.1 | 345.8 | 304.6 | 264.9 | 230.2 | 197.0 | 47.3 | 32.7 | 25.6 | 20.1 | 16.6 |
| 42.5° | 466.5 | 415.2 | 360.9 | 316.2 | 268.4 | 226.7 | 45.2 | 30.7 | 23.6 | 18.1 | 14.6 |
| 45° | 564.0 | 500.1 | 434.3 | 373.5 | 315.2 | 261.4 | 43.2 | 28.7 | 21.1 | 16.1 | 12.6 |
| 47.5° | 670.6 | 589.1 | 514.7 | 438.3 | 369.0 | 304.6 | 40.7 | 27.1 | 19.1 | 14.1 | 11.1 |
| 50° | 780.1 | 694.2 | 600.2 | 513.2 | 430.8 | 347.8 | 38.2 | 24.6 | 17.1 | 12.6 | 9.0 |
| 52.5° | 898.3 | 796.7 | 700.7 | 592.6 | 496.6 | 404.6 | 35.7 | 22.6 | 15.6 | 11.1 | 7.5 |
| 55° | 1048.6 | 935.0 | 822.4 | 701.2 | 585.6 | 470.5 | 33.2 | 20.1 | 13.6 | 9.6 | 6.0 |
| 57.5° | 1237.6 | 1102.8 | 964.6 | 827.9 | 687.6 | 556.9 | 31.2 | 17.6 | 11.6 | 8.0 | 5.0 |
| 60° | 1416.0 | 1258.7 | 1091.3 | 933.9 | 775.6 | 623.3 | 28.1 | 15.6 | 10.1 | 6.5 | 5.0 |
| 62.5° | 1508.5 | 1329.0 | 1148.6 | 975.2 | 806.3 | 646.9 | 25.1 | 13.1 | 8.5 | 5.5 | 4.5 |
| 65° | 1485.9 | 1302.9 | 1128.0 | 953.0 | 787.7 | 631.8 | 22.1 | 11.6 | 7.5 | 5.0 | 4.5 |
| 66° | 1453.2 | 1272.2 | 1096.3 | 929.9 | 772.1 | 615.8 | 20.6 | 11.1 | 7.0 | 5.0 | 4.0 |
| 67.5° | 1381.8 | 1206.9 | 1039.0 | 884.2 | 729.4 | 585.1 | 18.6 | 10.1 | 6.5 | 4.5 | 4.0 |
| 70° | 1180.3 | 1021.4 | 887.2 | 749.5 | 623.3 | 493.1 | 15.1 | 8.5 | 5.5 | 4.0 | 4.0 |
| 72.5° | 781.1 | 673.1 | 583.6 | 502.2 | 419.7 | 325.7 | 12.6 | 7.0 | 4.5 | 4.0 | 3.5 |
| 75° | 294.6 | 266.4 | 228.7 | 205.6 | 179.5 | 157.3 | 10.1 | 4.5 | 3.5 | 3.5 | 3.5 |
| 77.5° | 52.3 | 48.3 | 42.7 | 39.2 | 36.2 | 33.2 | 8.0 | 3.0 | 3.0 | 3.5 | 3.5 |
| 80° | 35.2 | 32.7 | 29.7 | 27.1 | 25.1 | 22.6 | 5.5 | 2.5 | 3.0 | 3.0 | 3.5 |
| 82.5° | 25.1 | 23.6 | 22.1 | 20.1 | 18.6 | 16.6 | 3.5 | 2.5 | 3.0 | 3.0 | 3.0 |
| 85° | 15.1 | 14.1 | 13.1 | 12.1 | 10.6 | 10.1 | 2.5 | 2.5 | 2.5 | 3.0 | 3.0 |
| 87.5° | 4.0 | 3.5 | 4.0 | 4.0 | 3.0 | 3.5 | 2.0 | 2.0 | 2.0 | 2.5 | 2.5 |
| 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: P150774

CATALOG NUMBER: TMU-F02-LED-E-U-SL3-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|
| 0° | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 2.5° | 66.9 | 66.9 | 65.8 | 67.4 | 67.4 |
| 5° | 57.8 | 57.8 | 57.3 | 57.8 | 57.8 |
| 7.5° | 52.8 | 52.3 | 52.3 | 52.3 | 52.8 |
| 10° | 48.3 | 47.8 | 47.8 | 47.8 | 47.8 |
| 12.5° | 44.2 | 43.7 | 43.2 | 43.7 | 43.7 |
| 15° | 40.7 | 39.7 | 39.7 | 39.7 | 39.7 |
| 17.5° | 37.7 | 36.7 | 36.2 | 36.2 | 36.2 |
| 20° | 34.7 | 33.2 | 33.2 | 33.2 | 33.2 |
| 22.5° | 31.7 | 30.2 | 30.2 | 30.2 | 30.2 |
| 25° | 28.7 | 27.1 | 27.1 | 27.1 | 27.1 |
| 27.5° | 26.1 | 24.6 | 24.6 | 24.6 | 24.6 |
| 30° | 23.1 | 22.1 | 22.1 | 22.6 | 22.1 |
| 32.5° | 21.1 | 19.6 | 19.6 | 20.1 | 20.1 |
| 35° | 18.6 | 17.6 | 17.6 | 17.6 | 17.6 |
| 37.5° | 16.1 | 15.1 | 15.1 | 15.1 | 15.1 |
| 40° | 14.1 | 13.1 | 12.6 | 13.1 | 13.1 |
| 42.5° | 12.1 | 11.1 | 10.6 | 10.6 | 10.6 |
| 45° | 10.6 | 9.0 | 8.5 | 9.0 | 9.0 |
| 47.5° | 8.5 | 7.5 | 7.5 | 8.0 | 8.0 |
| 50° | 6.5 | 6.5 | 7.0 | 8.0 | 8.0 |
| 52.5° | 6.0 | 6.0 | 7.0 | 8.0 | 8.0 |
| 55° | 5.5 | 6.0 | 7.0 | 7.5 | 8.0 |
| 57.5° | 5.0 | 6.0 | 7.0 | 7.5 | 7.5 |
| 60° | 5.0 | 5.5 | 6.5 | 7.5 | 7.5 |
| 62.5° | 4.5 | 5.0 | 6.0 | 7.0 | 7.0 |
| 65° | 4.5 | 5.0 | 6.0 | 7.0 | 7.0 |
| 66° | 4.5 | 5.0 | 6.0 | 7.0 | 7.0 |
| 67.5° | 4.5 | 5.0 | 6.0 | 7.0 | 7.0 |
| 70° | 4.5 | 5.0 | 6.0 | 6.5 | 6.5 |
| 72.5° | 4.0 | 4.5 | 5.5 | 6.5 | 6.5 |
| 75° | 4.0 | 4.5 | 5.5 | 6.5 | 6.5 |
| 77.5° | 4.0 | 4.5 | 5.5 | 6.5 | 6.5 |
| 80° | 4.0 | 4.5 | 5.5 | 6.0 | 6.5 |
| 82.5° | 3.5 | 4.5 | 5.0 | 6.0 | 6.0 |
| 85° | 3.5 | 4.0 | 5.0 | 5.5 | 6.0 |
| 87.5° | 3.0 | 3.5 | 4.0 | 5.0 | 5.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)