

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: P151944

Luminaire Tested: **TMU-F05-LED-E-U-SL4-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P151944
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33728)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: TMU-F05-LED-E-U-SL4-HSS-7030
Description: TALON MEDIUM LED AREA LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (35) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7671.2 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B0 - U0 - G2

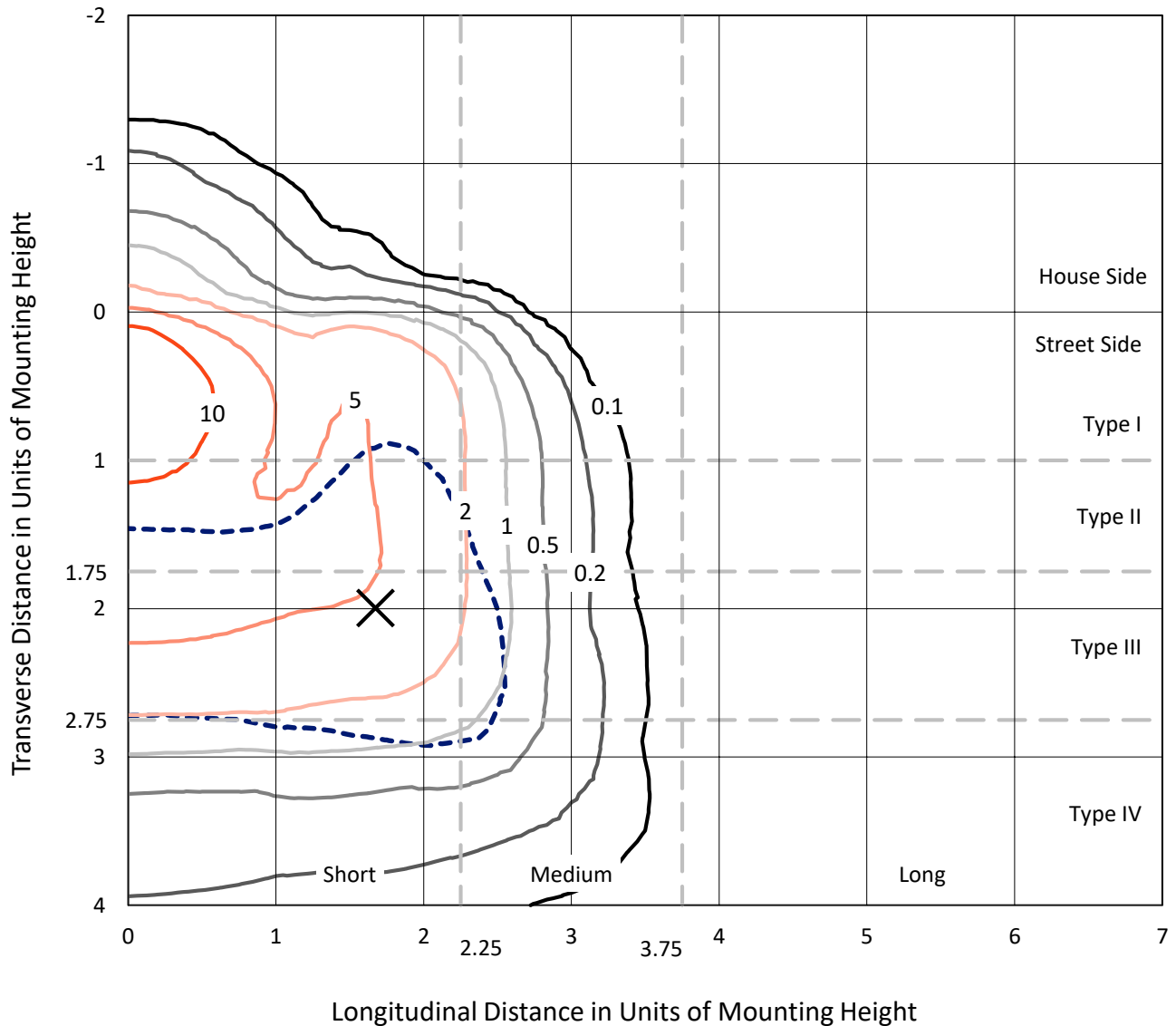
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

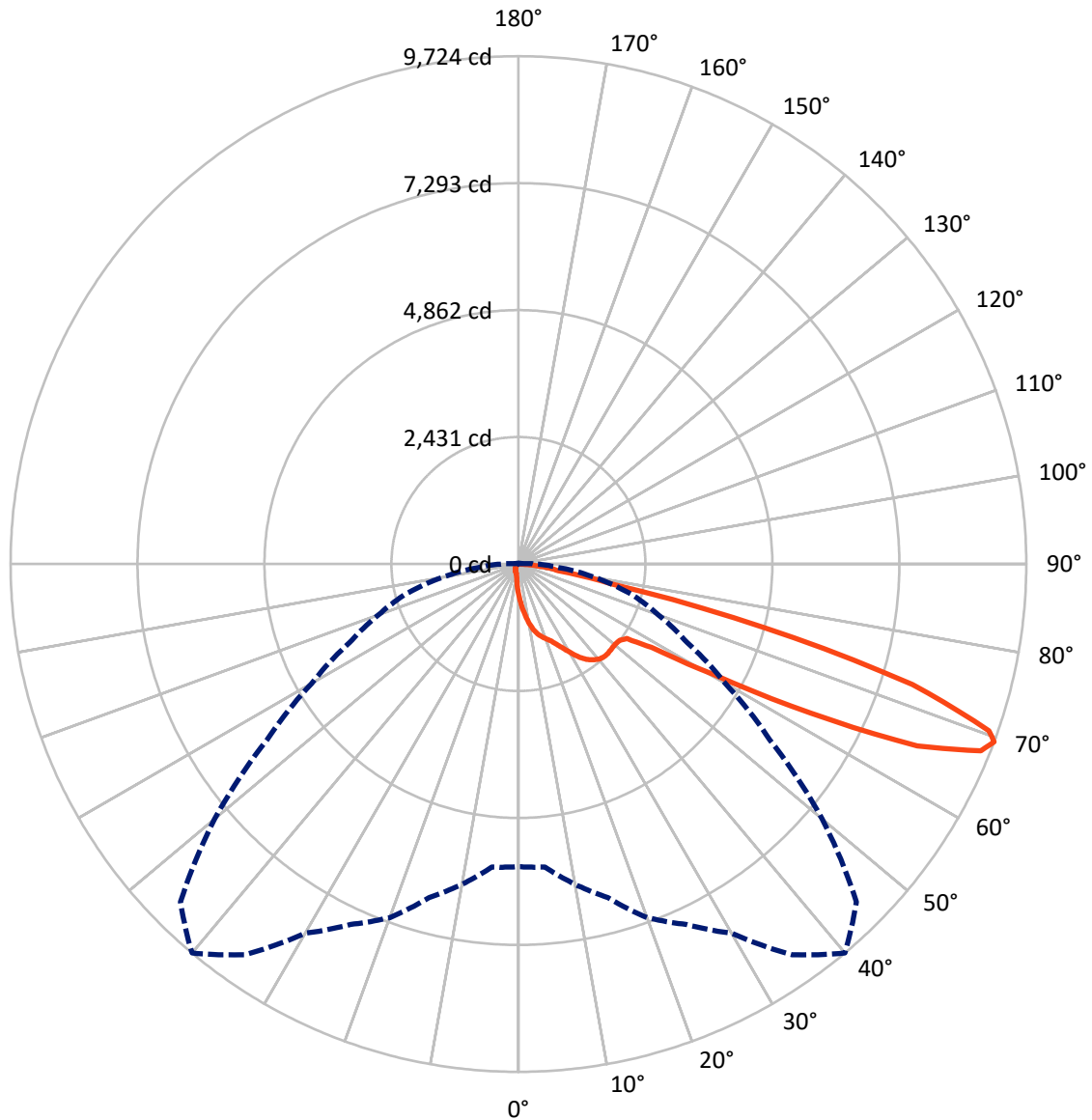
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17.2 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 228.4 | 0.0 | 228.4 |
| | % Fixture | 3.0 | 0.0 | 3.0 |
| Street Side | Lumens | 7442.7 | 0.0 | 7442.7 |
| | % Fixture | 97.0 | 0.0 | 97.0 |
| Total | Lumens | 7671.2 | 0.0 | 7671.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 59.5 | 0.8 |
| 10°-20° | 205.3 | 2.7 |
| 20°-30° | 392.9 | 5.1 |
| 30°-40° | 653.5 | 8.5 |
| 40°-50° | 884.2 | 11.5 |
| 50°-60° | 1382.8 | 18.0 |
| 60°-70° | 2843.1 | 37.1 |
| 70°-80° | 1144.0 | 14.9 |
| 80°-90° | 105.8 | 1.4 |
| 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° | 7671.2 | 100.0 |
| 0°-180° | 7671.2 | 100.0 |



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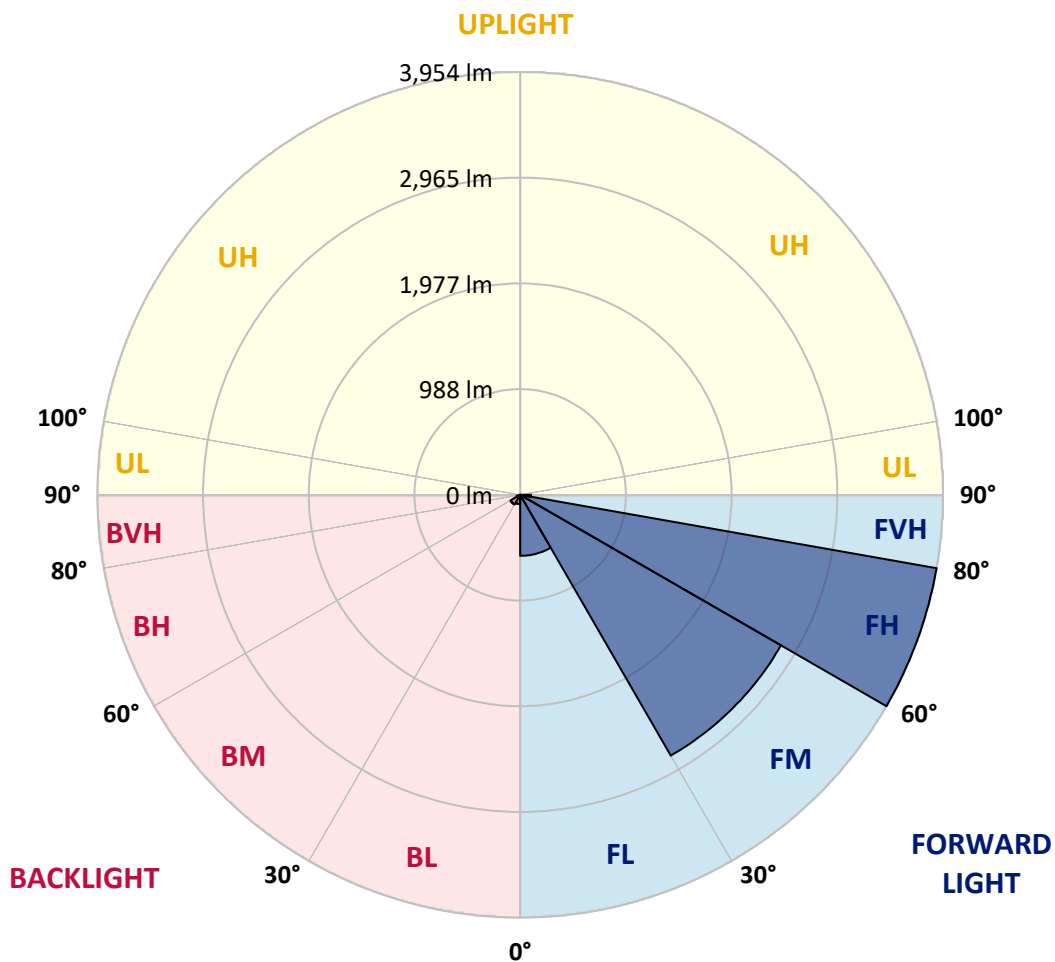
CATALOG NUMBER: TMU-F05-LED-E-U-SL4-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 570.9 | 7.4 | | | |
| FM | (30°-60°) | 2816.2 | 36.7 | | | |
| FH | (60°-80°) | 3953.7 | 51.5 | | | G2/5000 |
| FVH | (80°-90°) | 101.9 | 1.3 | | | G2/225 |
| BL | (0°-30°) | 86.9 | 1.1 | B0/110 | | |
| BM | (30°-60°) | 104.3 | 1.4 | B0/220 | | |
| BH | (60°-80°) | 33.3 | 0.4 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 3.9 | 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-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 |
| 2.5° | 772.8 | 764.0 | 754.0 | 754.0 | 741.4 | 741.4 | 733.9 | 713.8 | 711.3 | 700.0 | 688.6 |
| 5° | 986.5 | 978.9 | 966.4 | 955.1 | 945.0 | 927.4 | 914.8 | 891.0 | 864.6 | 839.4 | 816.8 |
| 7.5° | 1195.1 | 1191.3 | 1168.7 | 1164.9 | 1148.6 | 1119.7 | 1094.5 | 1059.4 | 1014.1 | 978.9 | 937.5 |
| 10° | 1388.6 | 1379.8 | 1374.8 | 1353.4 | 1329.5 | 1298.1 | 1259.2 | 1216.4 | 1163.7 | 1108.4 | 1049.3 |
| 12.5° | 1541.9 | 1536.9 | 1514.3 | 1505.5 | 1480.3 | 1448.9 | 1399.9 | 1344.6 | 1291.8 | 1220.2 | 1151.1 |
| 15° | 1656.3 | 1647.5 | 1632.4 | 1618.6 | 1588.4 | 1560.8 | 1515.5 | 1455.2 | 1391.1 | 1313.2 | 1230.3 |
| 17.5° | 1751.8 | 1735.4 | 1731.7 | 1710.3 | 1678.9 | 1646.2 | 1596.0 | 1540.7 | 1465.3 | 1387.3 | 1296.9 |
| 20° | 1880.0 | 1857.3 | 1849.8 | 1818.4 | 1781.9 | 1736.7 | 1678.9 | 1609.8 | 1530.6 | 1445.2 | 1352.2 |
| 22.5° | 2030.8 | 2014.4 | 1998.1 | 1970.4 | 1923.9 | 1859.9 | 1775.7 | 1700.3 | 1599.7 | 1505.5 | 1404.9 |
| 25° | 2244.4 | 2230.6 | 2204.2 | 2166.5 | 2108.7 | 2032.0 | 1930.2 | 1819.6 | 1701.5 | 1580.9 | 1462.7 |
| 27.5° | 2451.7 | 2439.2 | 2420.3 | 2391.4 | 2326.1 | 2241.9 | 2116.2 | 1975.5 | 1825.9 | 1680.1 | 1549.5 |
| 30° | 2646.5 | 2635.2 | 2616.4 | 2587.5 | 2529.6 | 2446.7 | 2304.7 | 2153.9 | 1967.9 | 1798.3 | 1641.2 |
| 32.5° | 2856.4 | 2852.6 | 2831.2 | 2789.8 | 2739.5 | 2627.7 | 2473.1 | 2311.0 | 2122.5 | 1926.5 | 1743.0 |
| 35° | 3093.9 | 3065.0 | 3044.9 | 3003.4 | 2918.0 | 2798.6 | 2617.6 | 2440.4 | 2241.9 | 2040.8 | 1836.0 |
| 37.5° | 3295.0 | 3267.3 | 3242.2 | 3189.4 | 3085.1 | 2933.0 | 2728.2 | 2533.4 | 2328.6 | 2123.7 | 1915.1 |
| 40° | 3442.0 | 3428.2 | 3398.0 | 3328.9 | 3212.0 | 3031.1 | 2809.9 | 2597.5 | 2391.4 | 2185.3 | 1979.2 |
| 42.5° | 3551.3 | 3529.9 | 3496.0 | 3424.4 | 3286.2 | 3080.1 | 2842.6 | 2623.9 | 2420.3 | 2223.0 | 2020.7 |
| 45° | 3591.5 | 3573.9 | 3542.5 | 3464.6 | 3315.1 | 3093.9 | 2841.3 | 2616.4 | 2421.6 | 2234.3 | 2048.3 |
| 47.5° | 3567.6 | 3550.1 | 3522.4 | 3449.5 | 3302.5 | 3077.6 | 2818.7 | 2595.0 | 2409.0 | 2238.1 | 2073.5 |
| 50° | 3488.5 | 3478.4 | 3457.1 | 3395.5 | 3263.5 | 3046.1 | 2798.6 | 2583.7 | 2406.5 | 2257.0 | 2108.7 |
| 52.5° | 3480.9 | 3474.7 | 3448.3 | 3386.7 | 3252.2 | 3036.1 | 2796.1 | 2590.0 | 2427.9 | 2280.8 | 2133.8 |
| 55° | 4253.8 | 4164.6 | 3964.7 | 3795.1 | 3516.1 | 3184.4 | 2923.0 | 2691.8 | 2518.3 | 2375.1 | 2272.0 |
| 57.5° | 6045.8 | 5912.6 | 5649.9 | 5327.0 | 4686.1 | 4056.5 | 3552.6 | 3188.1 | 3008.4 | 2943.1 | 2982.0 |
| 60° | 6885.2 | 6861.3 | 6819.9 | 6666.6 | 6338.6 | 5797.0 | 5193.8 | 4541.6 | 4280.2 | 4257.5 | 4336.7 |
| 62.5° | 7283.6 | 7268.5 | 7281.1 | 7262.2 | 7160.4 | 7002.1 | 6828.7 | 6547.2 | 6288.3 | 6121.2 | 5766.8 |
| 65° | 7467.0 | 7477.1 | 7548.7 | 7605.3 | 7617.8 | 7659.3 | 7786.2 | 8136.8 | 8393.2 | 7962.2 | 6978.2 |
| 67.5° | 7000.8 | 7059.9 | 7224.5 | 7430.6 | 7671.9 | 7905.6 | 8282.6 | 9021.5 | 9548.1 | 9041.6 | 7644.2 |
| 69° | 5795.7 | 5824.6 | 6226.7 | 6615.0 | 7204.4 | 7616.6 | 8163.2 | 9132.1 | 9724.0 | 9152.2 | 7591.5 |
| 70° | 4562.9 | 4589.3 | 5020.3 | 5548.1 | 6544.7 | 7075.0 | 7790.0 | 8944.9 | 9559.4 | 9005.2 | 7320.0 |
| 72.5° | 2058.4 | 2020.7 | 2172.8 | 2455.5 | 3538.7 | 4380.7 | 5631.1 | 7247.1 | 7886.8 | 7214.5 | 5476.5 |
| 75° | 1437.6 | 1421.3 | 1437.6 | 1438.9 | 1607.3 | 2073.5 | 2616.4 | 3928.3 | 4858.2 | 4192.2 | 2616.4 |
| 77.5° | 1113.4 | 1102.1 | 1090.8 | 1078.2 | 1098.3 | 1230.3 | 1283.0 | 1393.6 | 1809.6 | 1711.6 | 997.8 |
| 80° | 880.9 | 870.9 | 898.5 | 889.7 | 889.7 | 904.8 | 894.7 | 853.3 | 775.4 | 718.8 | 643.4 |
| 82.5° | 409.7 | 412.2 | 412.2 | 447.4 | 539.1 | 629.6 | 658.5 | 617.0 | 547.9 | 466.2 | 375.7 |
| 85° | 39.0 | 44.0 | 74.1 | 114.4 | 227.5 | 256.4 | 257.6 | 213.6 | 213.6 | 168.4 | 135.7 |
| 87.5° | 0.0 | 1.3 | 1.3 | 1.3 | 11.3 | 31.4 | 26.4 | 7.5 | 3.8 | 3.8 | 6.3 |
| 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):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0° | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 |
| 2.5° | 668.5 | 664.8 | 649.7 | 634.6 | 620.8 | 605.7 | 591.9 | 578.1 | 563.0 | 551.7 | 537.8 |
| 5° | 781.6 | 754.0 | 722.6 | 692.4 | 662.3 | 630.8 | 598.2 | 569.3 | 539.1 | 511.5 | 485.1 |
| 7.5° | 896.0 | 842.0 | 799.2 | 745.2 | 696.2 | 647.2 | 601.9 | 555.4 | 512.7 | 472.5 | 434.8 |
| 10° | 992.8 | 927.4 | 860.8 | 791.7 | 721.3 | 656.0 | 593.1 | 537.8 | 481.3 | 432.3 | 385.8 |
| 12.5° | 1071.9 | 989.0 | 907.3 | 820.6 | 741.4 | 658.5 | 580.6 | 514.0 | 447.4 | 392.1 | 344.3 |
| 15° | 1143.6 | 1048.1 | 950.0 | 849.5 | 749.0 | 654.7 | 568.0 | 485.1 | 417.2 | 354.4 | 300.3 |
| 17.5° | 1201.4 | 1092.0 | 981.4 | 868.3 | 760.3 | 649.7 | 551.7 | 465.0 | 385.8 | 320.4 | 267.7 |
| 20° | 1251.6 | 1137.3 | 1017.9 | 891.0 | 767.8 | 648.4 | 537.8 | 439.8 | 358.1 | 289.0 | 237.5 |
| 22.5° | 1298.1 | 1183.8 | 1055.6 | 919.9 | 779.1 | 647.2 | 525.3 | 421.0 | 334.3 | 265.2 | 213.6 |
| 25° | 1350.9 | 1230.3 | 1095.8 | 950.0 | 799.2 | 652.2 | 517.7 | 405.9 | 312.9 | 242.5 | 194.8 |
| 27.5° | 1410.0 | 1283.0 | 1143.6 | 987.7 | 825.6 | 662.3 | 515.2 | 389.6 | 294.1 | 221.2 | 179.7 |
| 30° | 1492.9 | 1345.9 | 1191.3 | 1025.4 | 849.5 | 673.6 | 512.7 | 379.5 | 275.2 | 204.8 | 164.6 |
| 32.5° | 1565.8 | 1407.5 | 1244.1 | 1064.4 | 875.9 | 684.9 | 511.5 | 365.7 | 257.6 | 188.5 | 153.3 |
| 35° | 1642.4 | 1464.0 | 1289.3 | 1102.1 | 898.5 | 697.4 | 510.2 | 355.6 | 241.3 | 172.2 | 142.0 |
| 37.5° | 1709.1 | 1511.8 | 1324.5 | 1134.8 | 923.6 | 708.8 | 511.5 | 346.8 | 226.2 | 158.3 | 131.9 |
| 40° | 1765.6 | 1560.8 | 1363.5 | 1164.9 | 950.0 | 726.3 | 512.7 | 338.0 | 211.1 | 145.8 | 123.2 |
| 42.5° | 1815.9 | 1607.3 | 1404.9 | 1198.8 | 980.2 | 746.5 | 520.3 | 330.5 | 198.6 | 134.5 | 114.4 |
| 45° | 1854.8 | 1650.0 | 1450.2 | 1246.6 | 1029.2 | 779.1 | 534.1 | 325.5 | 186.0 | 124.4 | 106.8 |
| 47.5° | 1895.0 | 1712.8 | 1526.8 | 1322.0 | 1100.8 | 830.6 | 558.0 | 324.2 | 175.9 | 116.9 | 100.5 |
| 50° | 1950.3 | 1775.7 | 1594.7 | 1398.7 | 1166.2 | 883.4 | 586.9 | 325.5 | 163.4 | 109.3 | 94.2 |
| 52.5° | 1990.5 | 1839.7 | 1682.7 | 1531.9 | 1322.0 | 1044.3 | 698.7 | 348.1 | 157.1 | 103.0 | 86.7 |
| 55° | 2228.1 | 2201.7 | 2205.4 | 2230.6 | 2068.5 | 1776.9 | 1168.7 | 502.7 | 184.7 | 116.9 | 85.5 |
| 57.5° | 3141.6 | 3234.6 | 3288.7 | 3287.4 | 3019.7 | 2504.5 | 1569.6 | 645.9 | 206.1 | 135.7 | 101.8 |
| 60° | 4343.0 | 4272.6 | 4173.4 | 3928.3 | 3572.7 | 2858.9 | 1755.5 | 694.9 | 178.4 | 108.1 | 93.0 |
| 62.5° | 5404.9 | 4992.7 | 4627.0 | 4229.9 | 3763.7 | 2982.0 | 1793.2 | 691.2 | 155.8 | 81.7 | 65.3 |
| 65° | 6067.1 | 5325.7 | 4735.1 | 4237.4 | 3688.3 | 2879.0 | 1696.5 | 634.6 | 131.9 | 66.6 | 54.0 |
| 67.5° | 6225.5 | 5146.0 | 4310.3 | 3675.7 | 3081.3 | 2240.6 | 1245.3 | 477.5 | 103.0 | 55.3 | 47.8 |
| 69° | 5879.9 | 4574.2 | 3571.4 | 2851.4 | 2241.9 | 1486.6 | 770.3 | 301.6 | 79.2 | 50.3 | 44.0 |
| 70° | 5408.6 | 3978.6 | 2909.2 | 2288.4 | 1660.0 | 1044.3 | 539.1 | 212.4 | 64.1 | 46.5 | 40.2 |
| 72.5° | 3479.7 | 2089.8 | 1430.1 | 995.3 | 684.9 | 416.0 | 211.1 | 95.5 | 49.0 | 39.0 | 32.7 |
| 75° | 1349.6 | 772.8 | 560.5 | 426.0 | 333.0 | 231.2 | 128.2 | 61.6 | 41.5 | 32.7 | 25.1 |
| 77.5° | 664.8 | 508.9 | 416.0 | 285.3 | 165.9 | 103.0 | 69.1 | 47.8 | 33.9 | 23.9 | 16.3 |
| 80° | 525.3 | 349.4 | 208.6 | 129.4 | 98.0 | 74.1 | 52.8 | 39.0 | 25.1 | 15.1 | 11.3 |
| 82.5° | 268.9 | 147.0 | 108.1 | 88.0 | 72.9 | 57.8 | 42.7 | 27.6 | 16.3 | 10.1 | 8.8 |
| 85° | 84.2 | 61.6 | 55.3 | 54.0 | 50.3 | 41.5 | 30.2 | 17.6 | 10.1 | 6.3 | 6.3 |
| 87.5° | 6.3 | 8.8 | 11.3 | 8.8 | 10.1 | 8.8 | 11.3 | 7.5 | 5.0 | 5.0 | 3.8 |
| 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):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 | 579.3 |
| 2.5° | 527.8 | 512.7 | 498.9 | 490.1 | 473.8 | 467.5 | 461.2 | 458.7 | 447.4 | 449.9 | 439.8 |
| 5° | 461.2 | 434.8 | 414.7 | 394.6 | 375.7 | 361.9 | 350.6 | 336.8 | 325.5 | 320.4 | 310.4 |
| 7.5° | 400.9 | 366.9 | 340.6 | 319.2 | 296.6 | 279.0 | 263.9 | 253.8 | 243.8 | 233.7 | 228.7 |
| 10° | 348.1 | 311.7 | 281.5 | 260.1 | 238.8 | 223.7 | 212.4 | 204.8 | 198.6 | 194.8 | 193.5 |
| 12.5° | 299.1 | 263.9 | 236.3 | 217.4 | 201.1 | 193.5 | 188.5 | 184.7 | 183.5 | 182.2 | 182.2 |
| 15° | 261.4 | 226.2 | 204.8 | 191.0 | 183.5 | 179.7 | 178.4 | 175.9 | 173.4 | 172.2 | 172.2 |
| 17.5° | 226.2 | 199.8 | 184.7 | 177.2 | 173.4 | 170.9 | 168.4 | 165.9 | 163.4 | 162.1 | 162.1 |
| 20° | 202.3 | 181.0 | 173.4 | 168.4 | 164.6 | 162.1 | 158.3 | 155.8 | 154.6 | 153.3 | 152.1 |
| 22.5° | 183.5 | 169.6 | 164.6 | 160.9 | 155.8 | 152.1 | 149.5 | 147.0 | 144.5 | 143.3 | 142.0 |
| 25° | 169.6 | 160.9 | 157.1 | 152.1 | 147.0 | 143.3 | 139.5 | 135.7 | 133.2 | 131.9 | 129.4 |
| 27.5° | 159.6 | 153.3 | 148.3 | 142.0 | 137.0 | 133.2 | 129.4 | 125.7 | 123.2 | 120.6 | 119.4 |
| 30° | 150.8 | 144.5 | 138.2 | 133.2 | 126.9 | 123.2 | 118.1 | 114.4 | 113.1 | 110.6 | 108.1 |
| 32.5° | 142.0 | 135.7 | 129.4 | 123.2 | 116.9 | 111.8 | 109.3 | 104.3 | 101.8 | 100.5 | 98.0 |
| 35° | 131.9 | 125.7 | 118.1 | 113.1 | 106.8 | 101.8 | 98.0 | 94.2 | 91.7 | 89.2 | 88.0 |
| 37.5° | 123.2 | 115.6 | 108.1 | 101.8 | 96.8 | 91.7 | 88.0 | 84.2 | 81.7 | 79.2 | 77.9 |
| 40° | 113.1 | 105.6 | 98.0 | 91.7 | 86.7 | 82.9 | 79.2 | 75.4 | 72.9 | 71.6 | 71.6 |
| 42.5° | 104.3 | 95.5 | 88.0 | 82.9 | 79.2 | 74.1 | 70.4 | 66.6 | 65.3 | 64.1 | 65.3 |
| 45° | 95.5 | 86.7 | 80.4 | 75.4 | 71.6 | 66.6 | 62.8 | 60.3 | 59.1 | 60.3 | 61.6 |
| 47.5° | 88.0 | 79.2 | 72.9 | 69.1 | 65.3 | 61.6 | 57.8 | 55.3 | 55.3 | 57.8 | 60.3 |
| 50° | 80.4 | 71.6 | 66.6 | 64.1 | 60.3 | 56.5 | 51.5 | 50.3 | 51.5 | 54.0 | 56.5 |
| 52.5° | 72.9 | 62.8 | 59.1 | 57.8 | 54.0 | 50.3 | 46.5 | 45.2 | 46.5 | 49.0 | 47.8 |
| 55° | 65.3 | 55.3 | 54.0 | 52.8 | 49.0 | 44.0 | 40.2 | 40.2 | 40.2 | 39.0 | 36.4 |
| 57.5° | 62.8 | 49.0 | 47.8 | 46.5 | 42.7 | 37.7 | 35.2 | 32.7 | 31.4 | 27.6 | 26.4 |
| 60° | 65.3 | 44.0 | 44.0 | 41.5 | 37.7 | 32.7 | 28.9 | 25.1 | 22.6 | 20.1 | 20.1 |
| 62.5° | 52.8 | 40.2 | 39.0 | 36.4 | 31.4 | 26.4 | 22.6 | 18.8 | 17.6 | 16.3 | 16.3 |
| 65° | 42.7 | 36.4 | 33.9 | 30.2 | 26.4 | 21.4 | 17.6 | 15.1 | 13.8 | 13.8 | 15.1 |
| 67.5° | 39.0 | 32.7 | 28.9 | 25.1 | 21.4 | 16.3 | 13.8 | 12.6 | 12.6 | 13.8 | 13.8 |
| 69° | 36.4 | 30.2 | 26.4 | 22.6 | 18.8 | 15.1 | 12.6 | 12.6 | 12.6 | 12.6 | 13.8 |
| 70° | 33.9 | 28.9 | 25.1 | 21.4 | 16.3 | 12.6 | 11.3 | 11.3 | 12.6 | 12.6 | 13.8 |
| 72.5° | 26.4 | 22.6 | 21.4 | 17.6 | 12.6 | 11.3 | 10.1 | 11.3 | 11.3 | 12.6 | 12.6 |
| 75° | 20.1 | 16.3 | 16.3 | 13.8 | 10.1 | 8.8 | 8.8 | 10.1 | 10.1 | 11.3 | 11.3 |
| 77.5° | 13.8 | 11.3 | 11.3 | 10.1 | 8.8 | 7.5 | 7.5 | 8.8 | 10.1 | 10.1 | 11.3 |
| 80° | 10.1 | 8.8 | 7.5 | 8.8 | 7.5 | 6.3 | 7.5 | 8.8 | 8.8 | 10.1 | 10.1 |
| 82.5° | 7.5 | 7.5 | 7.5 | 7.5 | 6.3 | 6.3 | 7.5 | 7.5 | 8.8 | 10.1 | 10.1 |
| 85° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 7.5 | 7.5 | 8.8 | 8.8 |
| 87.5° | 3.8 | 3.8 | 3.8 | 5.0 | 5.0 | 6.3 | 6.3 | 6.3 | 6.3 | 7.5 | 7.5 |
| 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: P151944

CATALOG NUMBER: TMU-F05-LED-E-U-SL4-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 579.3 | 579.3 | 579.3 | 579.3 |
| 2.5° | 437.3 | 436.1 | 431.0 | 432.3 |
| 5° | 306.6 | 299.1 | 304.1 | 302.9 |
| 7.5° | 224.9 | 223.7 | 222.4 | 224.9 |
| 10° | 192.3 | 192.3 | 191.0 | 192.3 |
| 12.5° | 181.0 | 181.0 | 181.0 | 181.0 |
| 15° | 172.2 | 172.2 | 170.9 | 170.9 |
| 17.5° | 162.1 | 162.1 | 162.1 | 160.9 |
| 20° | 152.1 | 150.8 | 150.8 | 150.8 |
| 22.5° | 140.7 | 139.5 | 139.5 | 139.5 |
| 25° | 129.4 | 128.2 | 128.2 | 128.2 |
| 27.5° | 118.1 | 116.9 | 115.6 | 115.6 |
| 30° | 106.8 | 105.6 | 104.3 | 104.3 |
| 32.5° | 95.5 | 94.2 | 93.0 | 93.0 |
| 35° | 85.5 | 85.5 | 84.2 | 82.9 |
| 37.5° | 76.7 | 76.7 | 76.7 | 76.7 |
| 40° | 70.4 | 71.6 | 71.6 | 71.6 |
| 42.5° | 66.6 | 67.9 | 69.1 | 70.4 |
| 45° | 64.1 | 66.6 | 67.9 | 67.9 |
| 47.5° | 62.8 | 64.1 | 65.3 | 65.3 |
| 50° | 57.8 | 56.5 | 56.5 | 56.5 |
| 52.5° | 46.5 | 44.0 | 42.7 | 41.5 |
| 55° | 33.9 | 32.7 | 30.2 | 30.2 |
| 57.5° | 23.9 | 23.9 | 22.6 | 22.6 |
| 60° | 18.8 | 18.8 | 17.6 | 18.8 |
| 62.5° | 16.3 | 16.3 | 16.3 | 16.3 |
| 65° | 15.1 | 15.1 | 15.1 | 15.1 |
| 67.5° | 15.1 | 15.1 | 15.1 | 15.1 |
| 69° | 13.8 | 13.8 | 13.8 | 13.8 |
| 70° | 13.8 | 13.8 | 13.8 | 13.8 |
| 72.5° | 12.6 | 12.6 | 12.6 | 12.6 |
| 75° | 11.3 | 12.6 | 12.6 | 12.6 |
| 77.5° | 11.3 | 11.3 | 11.3 | 11.3 |
| 80° | 10.1 | 10.1 | 11.3 | 11.3 |
| 82.5° | 10.1 | 10.1 | 10.1 | 10.1 |
| 85° | 8.8 | 8.8 | 10.1 | 10.1 |
| 87.5° | 7.5 | 7.5 | 8.8 | 8.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)