

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: P559994

Luminaire Tested: **SDL-PA1-20-727-U-T3-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559994  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-20-727-U-T3-HSS  
Description: Springdale  
(1) 70 CRI, 2700K, 260mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS  
WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1708.6 lumens  
Efficiency: N/A  
Efficacy: 81.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type IV - Medium  
BUG Rating: B0 - U0 - G1

Input Watts (W): 21  
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: 24 FT

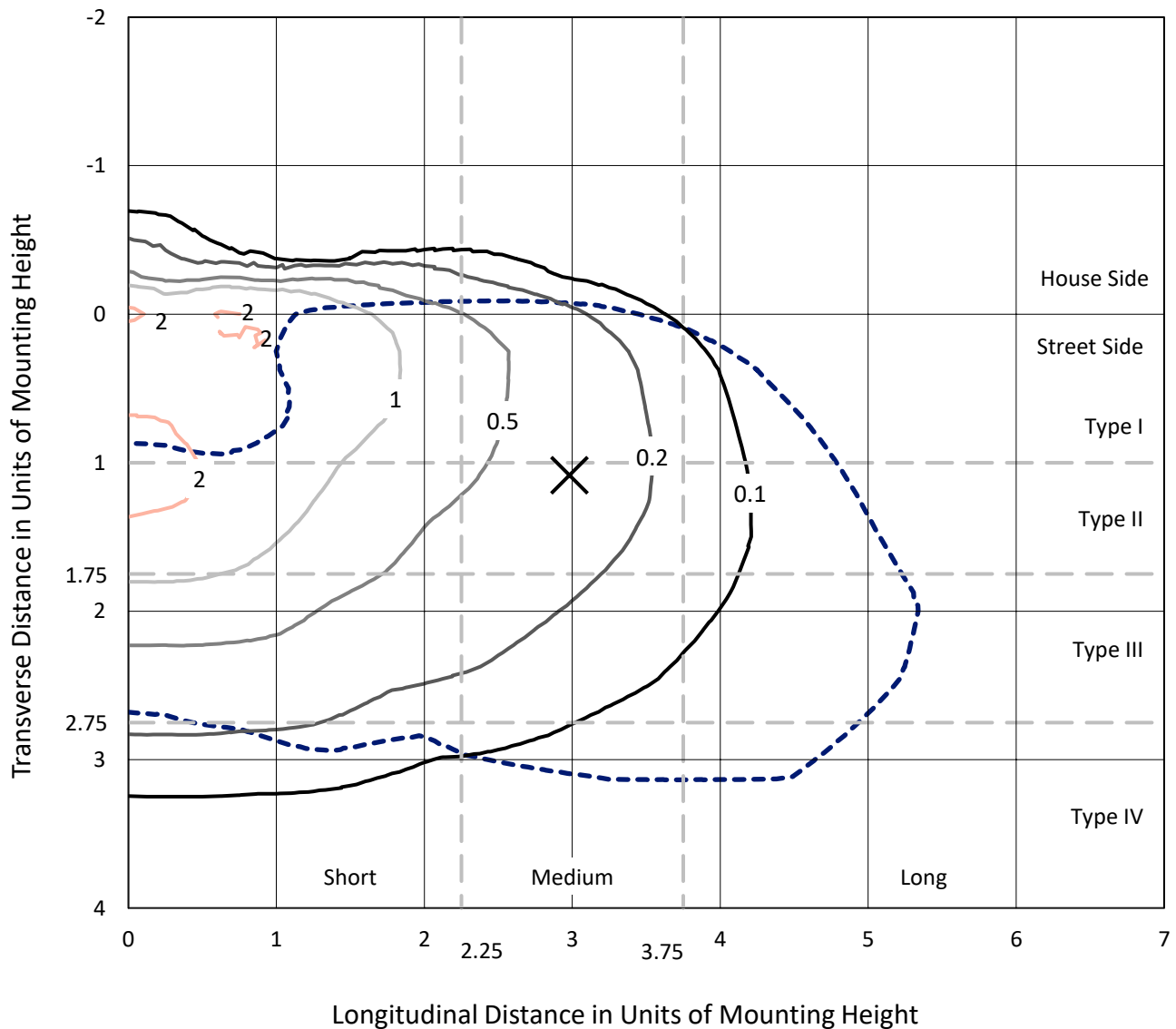


REPORT NUMBER: P559994

CATALOG NUMBER: SDL-PA1-20-727-U-T3-HSS

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd

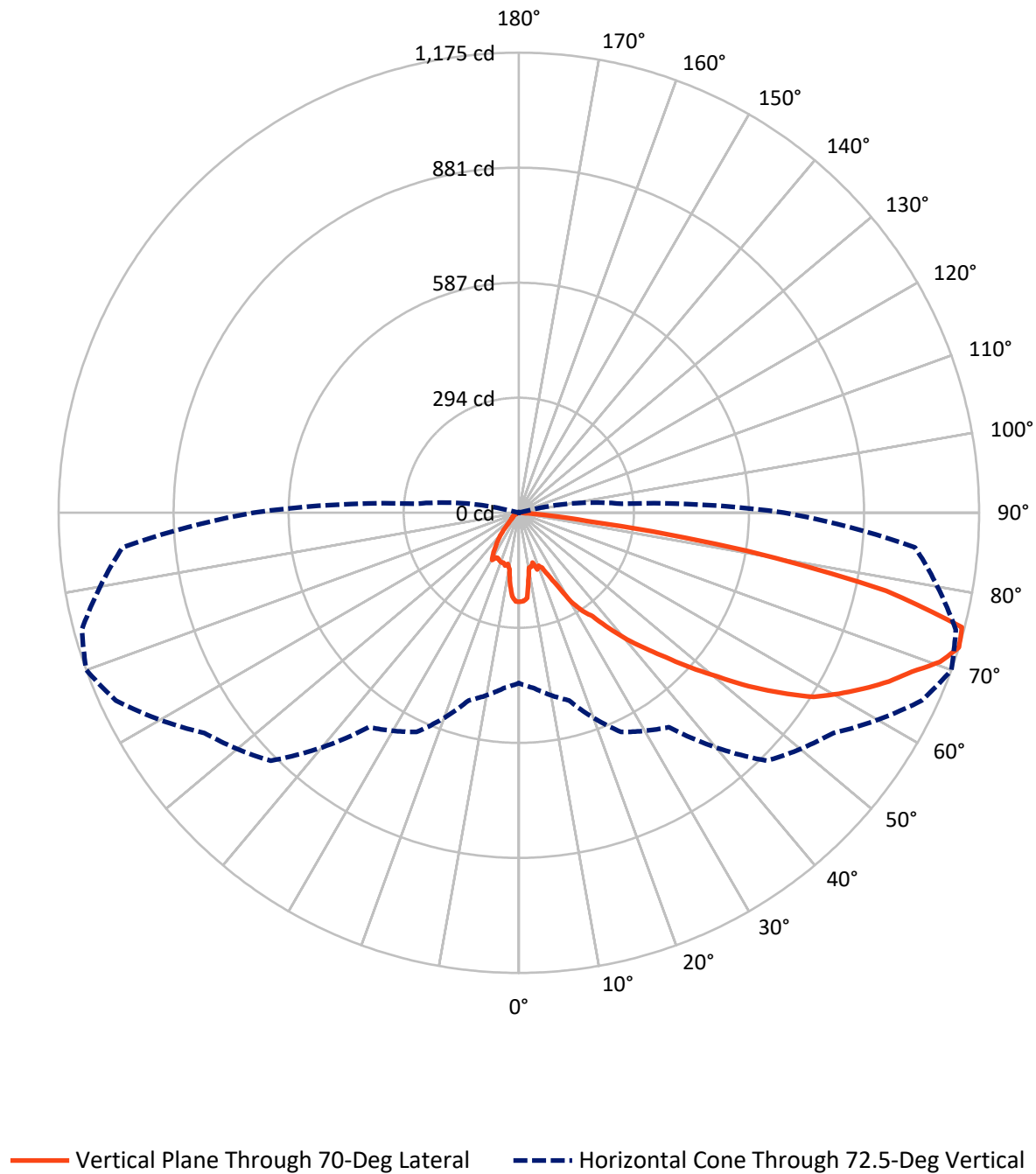


Based on 10 foot mounting height. Maximum calculated value = 2.7 fc  
Type IV - Medium - N/A

REPORT NUMBER: P559994

CATALOG NUMBER: SDL-PA1-20-727-U-T3-HSS

## Luminous Intensity Polar Plot



REPORT NUMBER: P559994

CATALOG NUMBER: SDL-PA1-20-727-U-T3-HSS

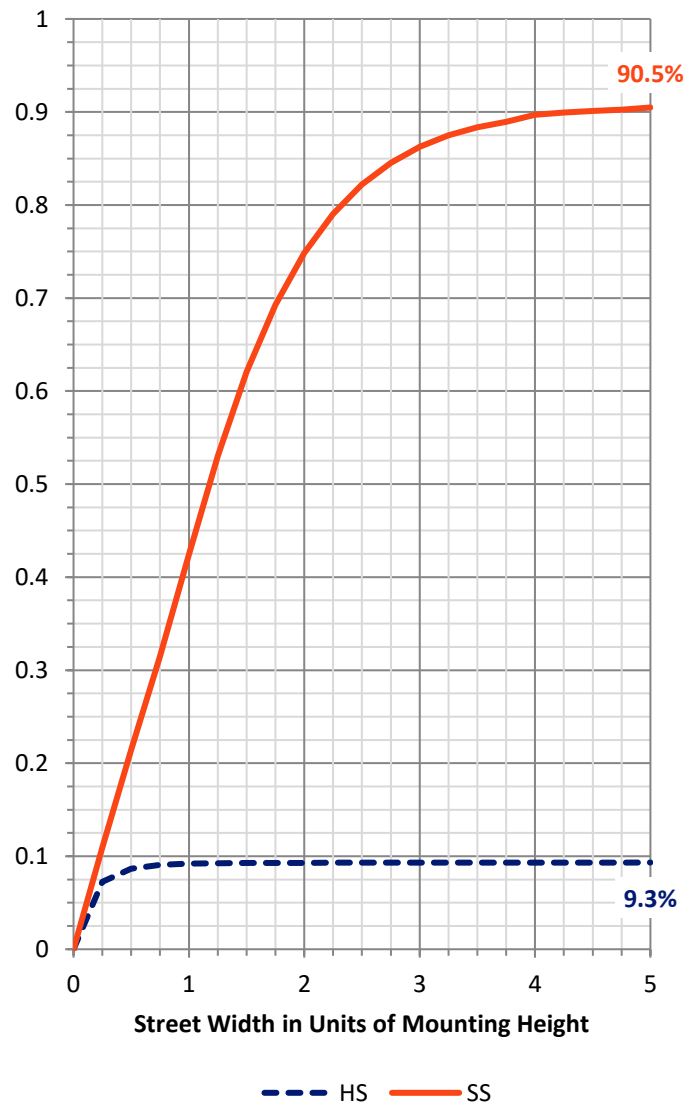
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 161.1    | 0.0    | 161.1  |
|                    | % Fixture | 9.4      | 0.0    | 9.4    |
| <b>Street Side</b> | Lumens    | 1547.5   | 0.0    | 1547.5 |
|                    | % Fixture | 90.6     | 0.0    | 90.6   |
| <b>Total</b>       | Lumens    | 1708.6   | 0.0    | 1708.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 17.5   | 1.0       |
| 10°-20°   | 35.0   | 2.0       |
| 20°-30°   | 57.0   | 3.3       |
| 30°-40°   | 121.6  | 7.1       |
| 40°-50°   | 234.4  | 13.7      |
| 50°-60°   | 387.6  | 22.7      |
| 60°-70°   | 474.5  | 27.8      |
| 70°-80°   | 347.6  | 20.3      |
| 80°-90°   | 33.4   | 2.0       |
| 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°    | 1708.6 | 100.0     |
| 0°-180°   | 1708.6 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P559994

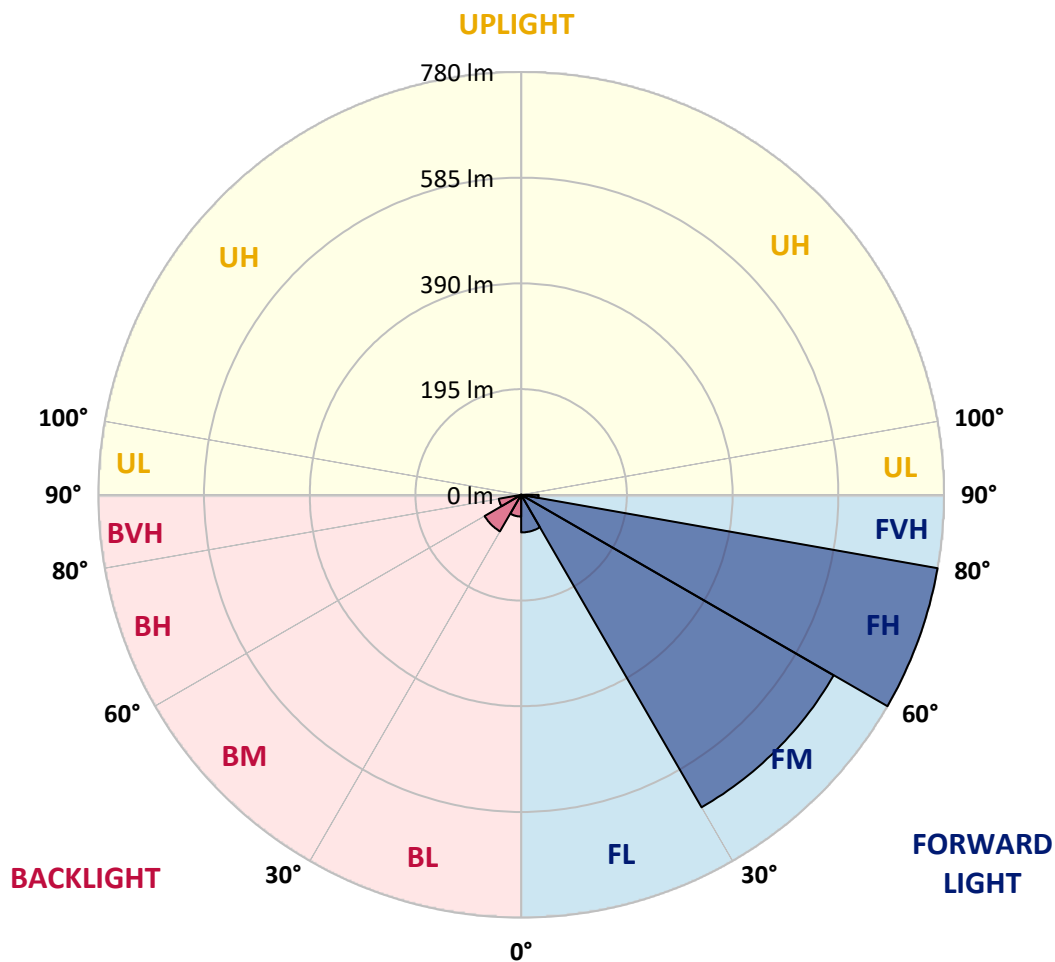
CATALOG NUMBER: SDL-PA1-20-727-U-T3-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 69.4   | 4.1       |                         |      |         |
| FM   | (30°-60°)   | 665.8  | 39.0      |                         |      |         |
| FH   | (60°-80°)   | 780.1  | 45.7      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 32.2   | 1.9       |                         |      | G1/100  |
| BL   | (0°-30°)    | 40.1   | 2.3       | B0/110                  |      |         |
| BM   | (30°-60°)   | 77.8   | 4.6       | B0/220                  |      |         |
| BH   | (60°-80°)   | 41.9   | 2.5       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 1.2    | 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 IV Medium



REPORT NUMBER: P559994

CATALOG NUMBER: SDL-PA1-20-727-U-T3-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 |
| 2.5°  | 202.2 | 208.1 | 211.4 | 214.8 | 213.9 | 213.1 | 214.8 | 216.5 | 219.8 | 222.3 | 224.0 |
| 5°    | 182.1 | 182.1 | 182.1 | 182.1 | 182.9 | 182.9 | 182.9 | 182.9 | 183.7 | 184.6 | 185.4 |
| 7.5°  | 157.7 | 161.1 | 162.8 | 164.4 | 168.6 | 172.0 | 175.4 | 178.7 | 180.4 | 181.2 | 182.1 |
| 10°   | 171.2 | 171.2 | 171.2 | 171.2 | 172.0 | 172.0 | 161.1 | 149.3 | 150.2 | 151.0 | 146.0 |
| 12.5° | 141.8 | 141.0 | 150.2 | 158.6 | 164.4 | 169.5 | 163.6 | 156.9 | 146.8 | 135.9 | 134.2 |
| 15°   | 167.0 | 167.0 | 167.0 | 167.0 | 155.2 | 143.5 | 135.1 | 126.7 | 133.4 | 139.3 | 125.9 |
| 17.5° | 131.7 | 135.1 | 145.2 | 155.2 | 155.2 | 155.2 | 147.7 | 140.1 | 125.9 | 110.8 | 126.7 |
| 20°   | 163.6 | 163.6 | 163.6 | 162.8 | 143.5 | 124.2 | 130.9 | 136.8 | 142.6 | 148.5 | 146.0 |
| 22.5° | 135.9 | 134.2 | 136.8 | 139.3 | 145.2 | 150.2 | 133.4 | 115.8 | 135.1 | 153.5 | 144.3 |
| 25°   | 172.0 | 172.0 | 172.8 | 172.8 | 154.4 | 135.9 | 146.8 | 156.9 | 142.6 | 128.4 | 151.0 |
| 27.5° | 155.2 | 150.2 | 149.3 | 147.7 | 153.5 | 158.6 | 151.0 | 143.5 | 159.4 | 175.4 | 167.8 |
| 30°   | 215.6 | 215.6 | 209.8 | 203.9 | 181.2 | 157.7 | 160.3 | 161.9 | 161.9 | 161.9 | 178.7 |
| 32.5° | 299.5 | 300.4 | 277.7 | 254.2 | 234.1 | 213.1 | 194.7 | 175.4 | 185.4 | 195.5 | 206.4 |
| 35°   | 403.6 | 406.1 | 390.1 | 373.4 | 323.9 | 274.4 | 243.3 | 212.3 | 211.4 | 209.8 | 225.7 |
| 37.5° | 478.2 | 483.3 | 470.7 | 458.1 | 399.4 | 340.6 | 296.2 | 251.7 | 247.5 | 242.5 | 248.3 |
| 40°   | 548.7 | 545.4 | 537.8 | 529.4 | 467.3 | 404.4 | 355.7 | 306.2 | 295.3 | 283.6 | 284.4 |
| 42.5° | 640.2 | 630.1 | 610.8 | 591.5 | 531.9 | 472.4 | 420.3 | 368.3 | 350.7 | 333.1 | 329.7 |
| 45°   | 758.5 | 741.7 | 714.0 | 685.5 | 626.7 | 568.0 | 504.2 | 439.6 | 417.8 | 395.2 | 390.1 |
| 47.5° | 818.9 | 807.1 | 789.5 | 771.1 | 710.6 | 650.2 | 589.0 | 526.9 | 496.7 | 465.7 | 457.3 |
| 50°   | 890.2 | 875.1 | 863.3 | 850.8 | 798.7 | 745.9 | 688.8 | 630.9 | 590.7 | 550.4 | 536.1 |
| 52.5° | 958.2 | 933.0 | 922.1 | 910.3 | 869.2 | 827.3 | 767.7 | 708.1 | 682.1 | 655.3 | 620.9 |
| 55°   | 982.5 | 958.2 | 953.1 | 948.1 | 918.7 | 889.4 | 834.8 | 780.3 | 750.1 | 719.0 | 691.4 |
| 57.5° | 929.6 | 933.0 | 948.1 | 963.2 | 946.4 | 929.6 | 885.2 | 839.9 | 806.3 | 772.7 | 756.8 |
| 60°   | 893.6 | 901.1 | 923.8 | 946.4 | 946.4 | 946.4 | 922.1 | 897.7 | 865.9 | 834.0 | 823.1 |
| 62.5° | 835.7 | 844.9 | 879.3 | 913.7 | 935.5 | 957.3 | 931.3 | 905.3 | 894.4 | 882.6 | 872.6 |
| 65°   | 759.3 | 761.8 | 800.4 | 839.0 | 884.3 | 928.8 | 904.5 | 879.3 | 900.3 | 921.2 | 911.2 |
| 67.5° | 671.2 | 675.4 | 711.5 | 746.7 | 800.4 | 854.1 | 847.4 | 839.9 | 886.0 | 932.1 | 931.3 |
| 70°   | 566.3 | 573.9 | 604.9 | 635.1 | 695.5 | 755.1 | 761.8 | 768.5 | 848.2 | 927.1 | 942.2 |
| 72.5° | 434.6 | 449.7 | 473.2 | 495.9 | 557.1 | 617.5 | 642.7 | 667.9 | 782.0 | 895.2 | 938.0 |
| 75°   | 144.3 | 154.4 | 219.8 | 284.4 | 346.5 | 408.6 | 464.0 | 518.5 | 661.1 | 802.9 | 891.9 |
| 77.5° | 42.0  | 43.6  | 56.2  | 68.0  | 116.6 | 164.4 | 221.5 | 277.7 | 417.0 | 555.4 | 703.1 |
| 80°   | 21.8  | 22.7  | 25.2  | 27.7  | 40.3  | 52.9  | 76.4  | 99.0  | 162.8 | 226.5 | 381.8 |
| 82.5° | 15.1  | 15.1  | 17.6  | 19.3  | 24.3  | 29.4  | 42.0  | 54.5  | 59.6  | 64.6  | 153.5 |
| 85°   | 5.0   | 5.0   | 6.7   | 8.4   | 11.7  | 15.1  | 22.7  | 29.4  | 29.4  | 28.5  | 41.1  |
| 87.5° | 0.8   | 0.8   | 1.7   | 2.5   | 4.2   | 5.0   | 4.2   | 3.4   | 2.5   | 1.7   | 3.4   |
| 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: P559994

CATALOG NUMBER: SDL-PA1-20-727-U-T3-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 55°   | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°   | 95°   | 100°  | 105°  |
|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0°    | 227.4 | 227.4  | 227.4  | 227.4  | 227.4  | 227.4  | 227.4  | 227.4 | 227.4 | 227.4 | 227.4 |
| 2.5°  | 224.9 | 225.7  | 225.7  | 225.7  | 226.5  | 226.5  | 226.5  | 226.5 | 225.7 | 226.5 | 226.5 |
| 5°    | 185.4 | 200.5  | 214.8  | 219.0  | 221.5  | 222.3  | 222.3  | 222.3 | 221.5 | 221.5 | 221.5 |
| 7.5°  | 182.9 | 182.1  | 181.2  | 174.5  | 190.5  | 193.8  | 196.3  | 195.5 | 195.5 | 191.3 | 186.3 |
| 10°   | 141.0 | 141.0  | 141.0  | 142.6  | 151.9  | 162.8  | 173.7  | 173.7 | 173.7 | 161.1 | 148.5 |
| 12.5° | 131.7 | 136.8  | 141.0  | 141.0  | 125.9  | 138.4  | 151.0  | 151.0 | 151.0 | 138.4 | 125.0 |
| 15°   | 112.4 | 118.3  | 123.3  | 131.7  | 156.9  | 172.0  | 187.1  | 187.1 | 186.3 | 172.0 | 156.9 |
| 17.5° | 141.8 | 140.1  | 137.6  | 152.7  | 143.5  | 146.0  | 148.5  | 141.0 | 151.9 | 147.7 | 143.5 |
| 20°   | 143.5 | 128.4  | 112.4  | 144.3  | 177.0  | 191.3  | 205.6  | 206.4 | 203.9 | 187.9 | 171.2 |
| 22.5° | 135.1 | 154.4  | 172.8  | 152.7  | 157.7  | 154.4  | 150.2  | 148.5 | 148.5 | 147.7 | 146.8 |
| 25°   | 172.8 | 154.4  | 135.9  | 178.7  | 208.9  | 219.0  | 229.1  | 226.5 | 223.2 | 200.5 | 177.9 |
| 27.5° | 159.4 | 177.9  | 195.5  | 212.3  | 227.4  | 236.6  | 245.8  | 271.8 | 236.6 | 210.6 | 183.7 |
| 30°   | 194.7 | 217.3  | 239.1  | 263.5  | 309.6  | 323.0  | 336.4  | 329.7 | 321.3 | 271.0 | 220.7 |
| 32.5° | 216.5 | 252.5  | 287.8  | 298.7  | 326.4  | 339.0  | 350.7  | 344.8 | 334.8 | 268.5 | 202.2 |
| 35°   | 240.8 | 274.4  | 307.1  | 324.7  | 358.3  | 368.3  | 377.6  | 368.3 | 357.4 | 266.0 | 174.5 |
| 37.5° | 254.2 | 299.5  | 344.0  | 374.2  | 402.7  | 405.2  | 406.9  | 398.5 | 384.3 | 266.0 | 147.7 |
| 40°   | 285.3 | 333.9  | 381.8  | 425.4  | 448.0  | 448.9  | 449.7  | 436.3 | 410.3 | 263.5 | 115.8 |
| 42.5° | 326.4 | 375.9  | 424.5  | 472.4  | 502.6  | 500.1  | 496.7  | 478.2 | 435.5 | 259.3 | 83.1  |
| 45°   | 385.1 | 428.7  | 472.4  | 526.1  | 563.0  | 556.3  | 548.7  | 521.0 | 453.1 | 255.1 | 56.2  |
| 47.5° | 448.0 | 482.4  | 516.0  | 589.8  | 636.8  | 622.6  | 607.4  | 567.2 | 465.7 | 253.4 | 40.3  |
| 50°   | 521.0 | 548.7  | 576.4  | 657.0  | 713.2  | 686.3  | 659.5  | 613.3 | 470.7 | 251.7 | 31.9  |
| 52.5° | 585.6 | 614.2  | 641.8  | 735.8  | 778.6  | 748.4  | 718.2  | 649.4 | 468.2 | 248.3 | 27.7  |
| 55°   | 662.8 | 688.0  | 713.2  | 811.3  | 845.7  | 805.5  | 764.3  | 675.4 | 455.6 | 240.8 | 25.2  |
| 57.5° | 740.0 | 766.0  | 791.2  | 886.8  | 896.9  | 857.5  | 817.2  | 700.6 | 443.0 | 233.2 | 22.7  |
| 60°   | 812.2 | 841.5  | 870.9  | 938.0  | 945.6  | 910.3  | 875.1  | 724.9 | 422.9 | 221.5 | 20.1  |
| 62.5° | 862.5 | 902.8  | 943.1  | 988.4  | 991.7  | 959.8  | 927.1  | 743.4 | 396.9 | 208.1 | 18.5  |
| 65°   | 900.3 | 955.6  | 1010.2 | 1037.9 | 1036.2 | 1013.5 | 990.9  | 759.3 | 375.9 | 195.5 | 15.1  |
| 67.5° | 929.6 | 996.8  | 1063.9 | 1082.3 | 1086.5 | 1065.6 | 1044.6 | 761.8 | 349.9 | 181.2 | 11.7  |
| 70°   | 957.3 | 1031.2 | 1105.0 | 1140.2 | 1131.8 | 1099.1 | 1066.4 | 742.5 | 314.6 | 161.9 | 8.4   |
| 72.5° | 980.0 | 1057.2 | 1134.4 | 1174.6 | 1154.5 | 1084.9 | 1015.2 | 677.1 | 263.5 | 135.1 | 5.9   |
| 75°   | 980.0 | 1057.2 | 1133.5 | 1167.9 | 1099.1 | 960.7  | 821.4  | 504.2 | 154.4 | 79.7  | 5.0   |
| 77.5° | 850.8 | 907.0  | 963.2  | 958.2  | 837.3  | 665.3  | 492.5  | 290.3 | 52.0  | 28.5  | 4.2   |
| 80°   | 537.0 | 573.9  | 610.8  | 592.3  | 427.9  | 307.1  | 185.4  | 97.3  | 18.5  | 10.9  | 3.4   |
| 82.5° | 242.5 | 238.3  | 234.1  | 180.4  | 83.9   | 56.2   | 27.7   | 16.8  | 5.0   | 3.4   | 1.7   |
| 85°   | 53.7  | 52.0   | 50.3   | 36.9   | 25.2   | 16.8   | 8.4    | 5.0   | 2.5   | 2.5   | 1.7   |
| 87.5° | 5.0   | 5.9    | 5.9    | 4.2    | 4.2    | 3.4    | 1.7    | 1.7   | 1.7   | 1.7   | 1.7   |
| 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: P559994

CATALOG NUMBER: SDL-PA1-20-727-U-T3-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 | 227.4 |
| 2.5°  | 226.5 | 226.5 | 226.5 | 225.7 | 225.7 | 225.7 | 219.8 | 213.1 | 208.9 | 203.9 | 201.4 |
| 5°    | 213.9 | 206.4 | 197.2 | 187.9 | 186.3 | 183.7 | 184.6 | 184.6 | 185.4 | 185.4 | 185.4 |
| 7.5°  | 182.1 | 177.9 | 179.5 | 181.2 | 181.2 | 181.2 | 181.2 | 180.4 | 179.5 | 178.7 | 170.3 |
| 10°   | 145.2 | 141.8 | 141.8 | 141.8 | 144.3 | 146.0 | 141.8 | 136.8 | 144.3 | 151.0 | 149.3 |
| 12.5° | 133.4 | 141.8 | 130.9 | 119.1 | 120.8 | 121.7 | 121.7 | 120.8 | 117.5 | 114.1 | 102.4 |
| 15°   | 139.3 | 121.7 | 111.6 | 100.7 | 100.7 | 100.7 | 81.4  | 62.1  | 57.9  | 53.7  | 54.5  |
| 17.5° | 133.4 | 123.3 | 111.6 | 99.0  | 74.7  | 49.5  | 47.0  | 43.6  | 43.6  | 43.6  | 44.5  |
| 20°   | 134.2 | 97.3  | 82.2  | 67.1  | 53.7  | 39.4  | 36.9  | 33.6  | 31.9  | 29.4  | 34.4  |
| 22.5° | 131.7 | 115.8 | 78.9  | 42.0  | 36.9  | 31.9  | 29.4  | 26.0  | 30.2  | 34.4  | 34.4  |
| 25°   | 127.5 | 76.4  | 57.1  | 36.9  | 31.0  | 25.2  | 28.5  | 31.0  | 29.4  | 26.8  | 31.0  |
| 27.5° | 128.4 | 72.2  | 49.5  | 26.8  | 28.5  | 29.4  | 27.7  | 25.2  | 27.7  | 29.4  | 27.7  |
| 30°   | 138.4 | 56.2  | 42.0  | 26.8  | 26.0  | 24.3  | 25.2  | 26.0  | 25.2  | 23.5  | 25.2  |
| 32.5° | 123.3 | 44.5  | 35.2  | 25.2  | 24.3  | 23.5  | 22.7  | 21.8  | 22.7  | 22.7  | 22.7  |
| 35°   | 104.0 | 33.6  | 28.5  | 23.5  | 21.8  | 20.1  | 20.1  | 19.3  | 19.3  | 19.3  | 19.3  |
| 37.5° | 88.1  | 28.5  | 25.2  | 21.0  | 19.3  | 17.6  | 16.8  | 15.1  | 15.1  | 14.3  | 14.3  |
| 40°   | 71.3  | 26.0  | 22.7  | 18.5  | 16.8  | 14.3  | 13.4  | 11.7  | 11.7  | 10.9  | 10.9  |
| 42.5° | 53.7  | 23.5  | 20.1  | 15.9  | 14.3  | 11.7  | 10.1  | 8.4   | 8.4   | 7.6   | 7.6   |
| 45°   | 38.6  | 21.0  | 17.6  | 13.4  | 11.7  | 9.2   | 7.6   | 5.9   | 5.9   | 5.0   | 5.0   |
| 47.5° | 30.2  | 19.3  | 15.9  | 11.7  | 9.2   | 6.7   | 5.9   | 4.2   | 4.2   | 4.2   | 4.2   |
| 50°   | 24.3  | 16.8  | 13.4  | 9.2   | 6.7   | 4.2   | 3.4   | 2.5   | 2.5   | 2.5   | 2.5   |
| 52.5° | 21.8  | 15.1  | 11.7  | 7.6   | 5.9   | 3.4   | 2.5   | 1.7   | 2.5   | 2.5   | 2.5   |
| 55°   | 19.3  | 13.4  | 10.1  | 5.9   | 4.2   | 2.5   | 2.5   | 1.7   | 2.5   | 2.5   | 2.5   |
| 57.5° | 17.6  | 11.7  | 8.4   | 4.2   | 3.4   | 1.7   | 1.7   | 0.8   | 1.7   | 1.7   | 1.7   |
| 60°   | 15.1  | 10.1  | 6.7   | 3.4   | 2.5   | 0.8   | 0.8   | 0.8   | 1.7   | 1.7   | 1.7   |
| 62.5° | 13.4  | 8.4   | 5.9   | 2.5   | 1.7   | 0.8   | 0.8   | 0.8   | 1.7   | 1.7   | 1.7   |
| 65°   | 10.9  | 5.9   | 4.2   | 1.7   | 1.7   | 0.8   | 0.8   | 0.8   | 1.7   | 1.7   | 1.7   |
| 67.5° | 8.4   | 4.2   | 3.4   | 1.7   | 1.7   | 0.8   | 0.8   | 0.8   | 1.7   | 1.7   | 0.8   |
| 70°   | 5.9   | 3.4   | 2.5   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 1.7   | 1.7   | 0.8   |
| 72.5° | 4.2   | 2.5   | 1.7   | 0.8   | 0.8   | 0.0   | 0.8   | 0.8   | 1.7   | 1.7   | 1.7   |
| 75°   | 4.2   | 2.5   | 1.7   | 0.8   | 0.8   | 0.0   | 0.8   | 1.7   | 1.7   | 1.7   | 1.7   |
| 77.5° | 3.4   | 1.7   | 1.7   | 0.8   | 0.8   | 0.0   | 0.8   | 1.7   | 1.7   | 1.7   | 1.7   |
| 80°   | 2.5   | 1.7   | 1.7   | 0.8   | 0.8   | 0.0   | 1.7   | 2.5   | 2.5   | 2.5   | 1.7   |
| 82.5° | 1.7   | 1.7   | 1.7   | 0.8   | 0.8   | 0.0   | 1.7   | 2.5   | 2.5   | 2.5   | 1.7   |
| 85°   | 1.7   | 1.7   | 1.7   | 1.7   | 0.8   | 0.0   | 1.7   | 2.5   | 2.5   | 2.5   | 2.5   |
| 87.5° | 1.7   | 1.7   | 1.7   | 1.7   | 1.7   | 0.8   | 2.5   | 3.4   | 3.4   | 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: P559994

CATALOG NUMBER: SDL-PA1-20-727-U-T3-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 227.4 | 227.4 | 227.4 | 227.4 |
| 2.5°  | 198.0 | 198.0 | 197.2 | 199.7 |
| 5°    | 185.4 | 185.4 | 185.4 | 186.3 |
| 7.5°  | 161.1 | 155.2 | 149.3 | 150.2 |
| 10°   | 146.8 | 145.2 | 142.6 | 144.3 |
| 12.5° | 90.6  | 85.6  | 79.7  | 77.2  |
| 15°   | 55.4  | 55.4  | 55.4  | 54.5  |
| 17.5° | 45.3  | 42.0  | 37.8  | 38.6  |
| 20°   | 39.4  | 40.3  | 41.1  | 41.1  |
| 22.5° | 34.4  | 32.7  | 31.0  | 31.0  |
| 25°   | 34.4  | 34.4  | 34.4  | 34.4  |
| 27.5° | 26.0  | 26.0  | 25.2  | 25.2  |
| 30°   | 26.8  | 26.8  | 26.0  | 25.2  |
| 32.5° | 21.8  | 21.8  | 21.8  | 21.8  |
| 35°   | 18.5  | 17.6  | 16.8  | 16.8  |
| 37.5° | 14.3  | 13.4  | 12.6  | 12.6  |
| 40°   | 10.1  | 10.1  | 9.2   | 9.2   |
| 42.5° | 7.6   | 7.6   | 6.7   | 6.7   |
| 45°   | 5.0   | 5.0   | 5.0   | 5.0   |
| 47.5° | 3.4   | 3.4   | 3.4   | 3.4   |
| 50°   | 2.5   | 2.5   | 2.5   | 2.5   |
| 52.5° | 2.5   | 2.5   | 1.7   | 1.7   |
| 55°   | 1.7   | 1.7   | 1.7   | 1.7   |
| 57.5° | 1.7   | 1.7   | 1.7   | 1.7   |
| 60°   | 1.7   | 1.7   | 0.8   | 0.8   |
| 62.5° | 0.8   | 0.8   | 0.8   | 0.8   |
| 65°   | 0.8   | 0.8   | 0.0   | 0.0   |
| 67.5° | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5° | 0.8   | 0.8   | 0.0   | 0.0   |
| 75°   | 0.8   | 0.8   | 0.0   | 0.0   |
| 77.5° | 0.8   | 0.8   | 0.0   | 0.0   |
| 80°   | 0.8   | 0.8   | 0.0   | 0.0   |
| 82.5° | 0.8   | 0.8   | 0.8   | 0.0   |
| 85°   | 1.7   | 1.7   | 0.8   | 0.0   |
| 87.5° | 1.7   | 1.7   | 0.8   | 0.0   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)