

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: P559999

Luminaire Tested: **SDL-PA1-20-727-U-T4W**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559999  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-12)  
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-T4W  
Description: Springdale  
(1) 70 CRI, 2700K, 260mA LIGHT ENGINE WITH 24 LEDS AND TYPE IV WIDE OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2292.3 lumens  
Efficiency: N/A  
Efficacy: 109.2 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: B1 - 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

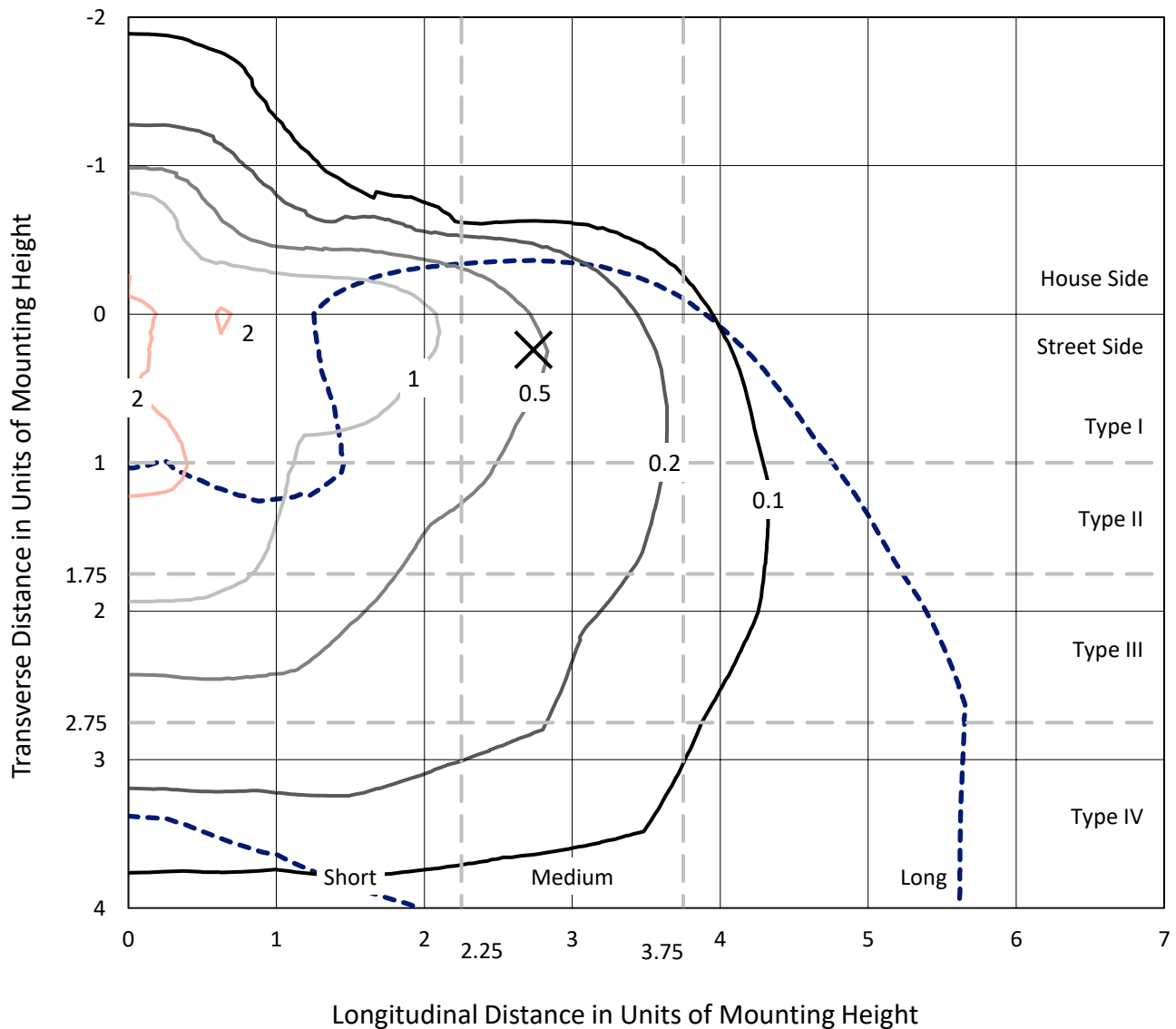


REPORT NUMBER: P559999

CATALOG NUMBER: SDL-PA1-20-727-U-T4W

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd

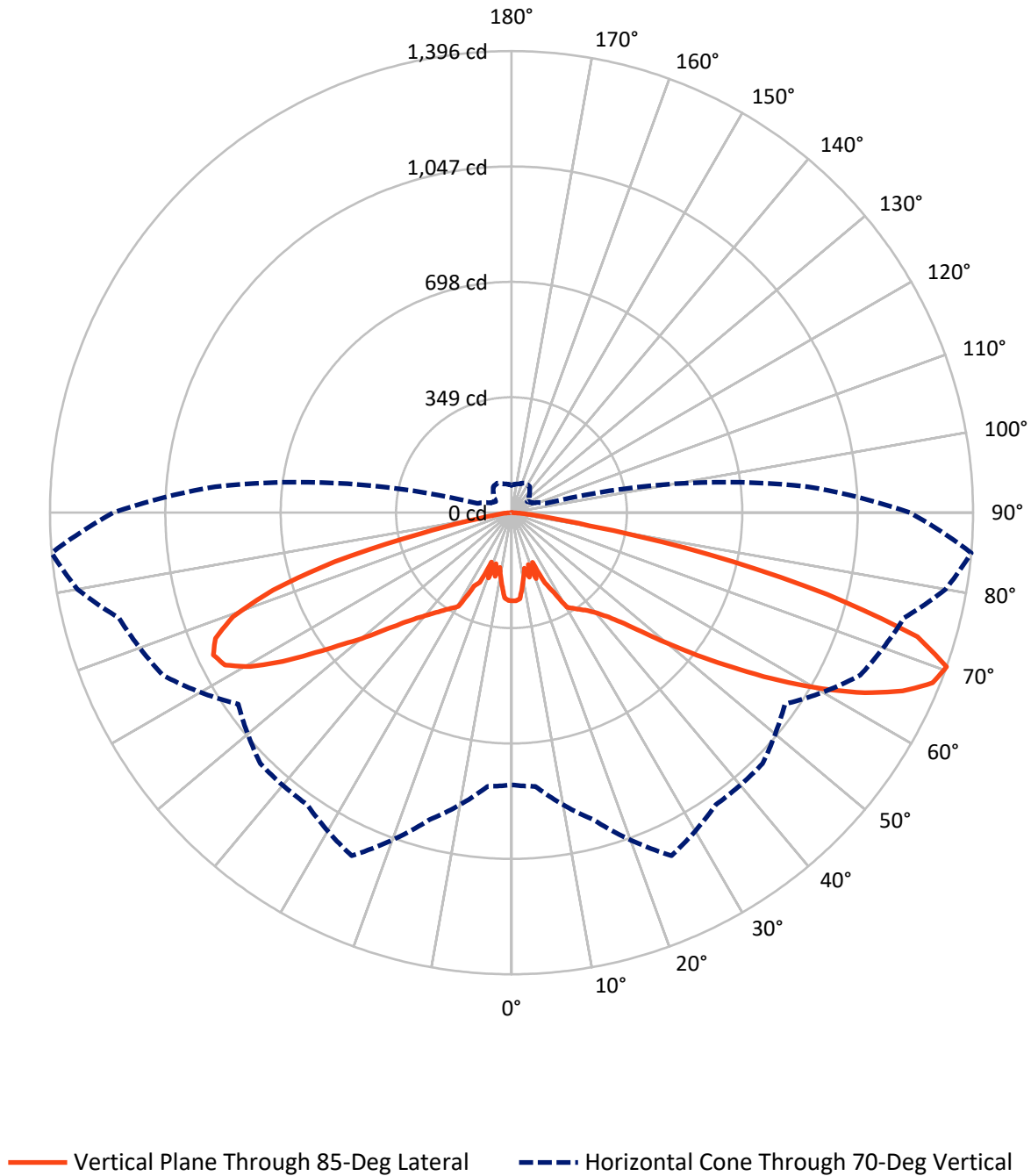


Based on 10 foot mounting height. Maximum calculated value = 2.7 fc  
Type IV - Medium - N/A

REPORT NUMBER: P559999

CATALOG NUMBER: SDL-PA1-20-727-U-T4W

## Luminous Intensity Polar Plot



REPORT NUMBER: P559999

CATALOG NUMBER: SDL-PA1-20-727-U-T4W

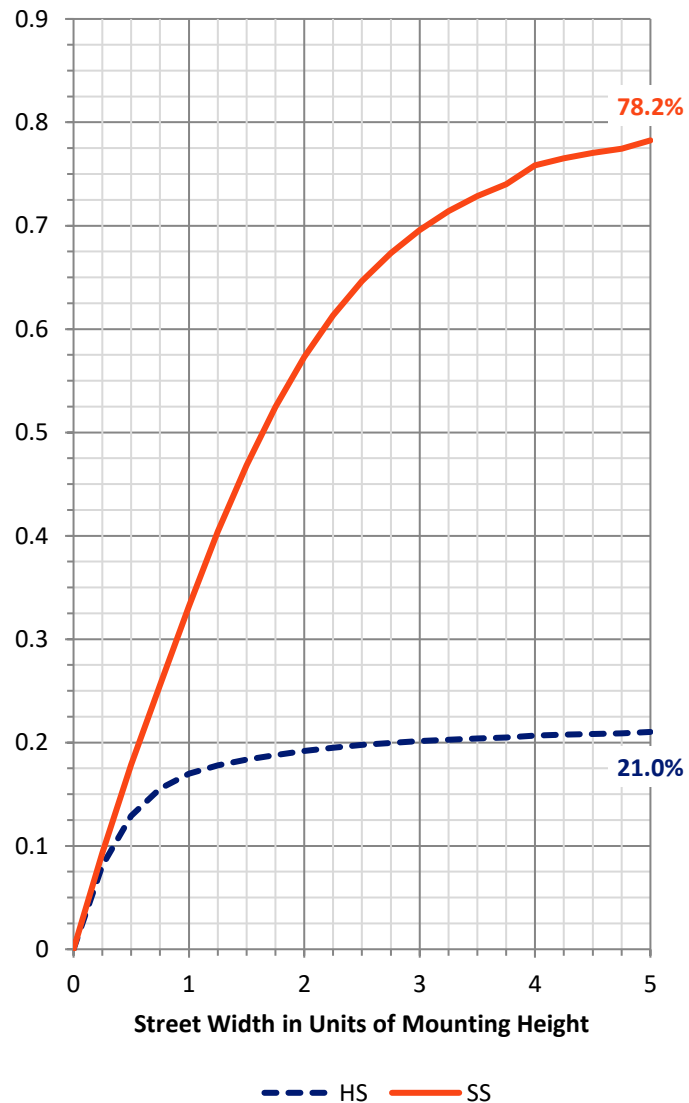
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 492.9    | 0.0    | 492.9  |
|                    | % Fixture | 21.5     | 0.0    | 21.5   |
| <b>Street Side</b> | Lumens    | 1799.5   | 0.0    | 1799.5 |
|                    | % Fixture | 78.5     | 0.0    | 78.5   |
| <b>Total</b>       | Lumens    | 2292.3   | 0.0    | 2292.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 22.1   | 1.0       |
| 10°-20°   | 55.8   | 2.4       |
| 20°-30°   | 97.5   | 4.3       |
| 30°-40°   | 171.8  | 7.5       |
| 40°-50°   | 259.2  | 11.3      |
| 50°-60°   | 412.2  | 18.0      |
| 60°-70°   | 604.5  | 26.4      |
| 70°-80°   | 566.8  | 24.7      |
| 80°-90°   | 102.4  | 4.5       |
| 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°    | 2292.3 | 100.0     |
| 0°-180°   | 2292.3 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P559999

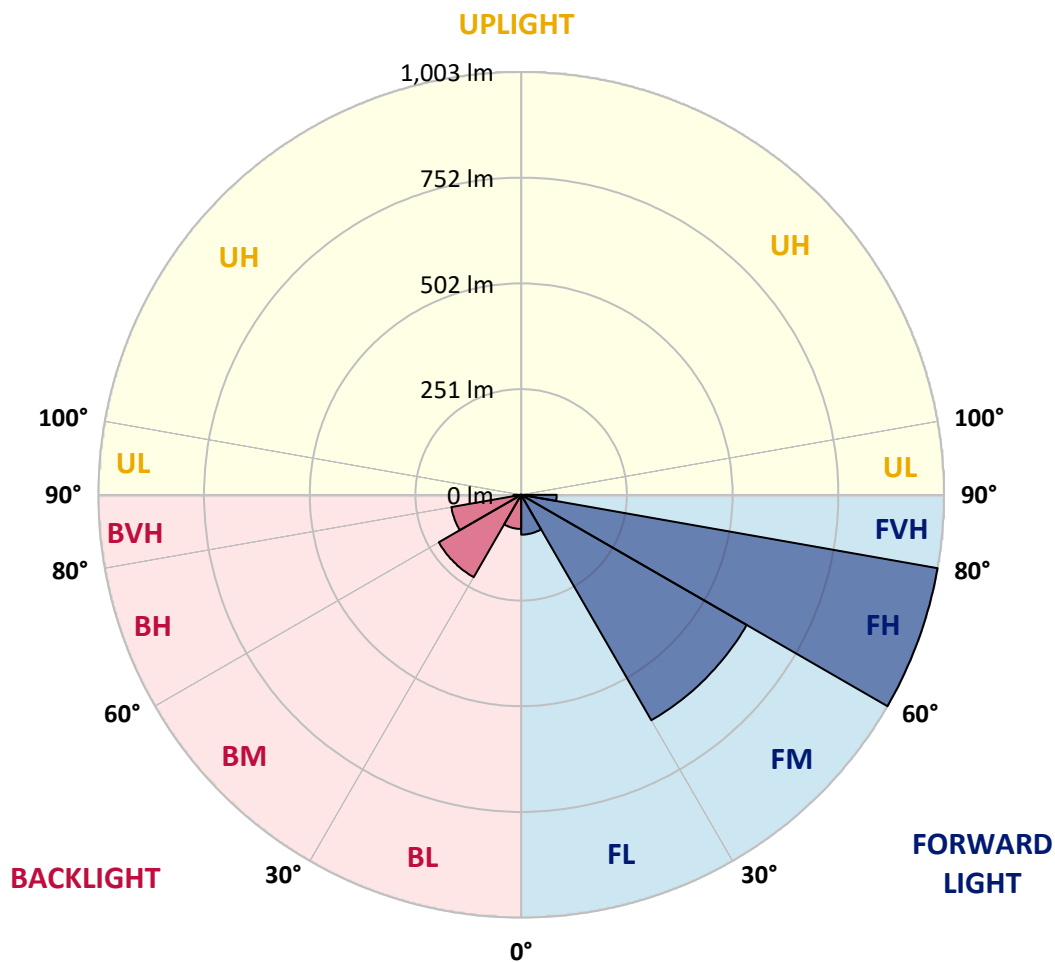
CATALOG NUMBER: SDL-PA1-20-727-U-T4W

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 94.5   | 4.1       |                         |      |         |
| FM   | (30°-60°)   | 617.6  | 26.9      |                         |      |         |
| FH   | (60°-80°)   | 1003.1 | 43.8      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 84.3   | 3.7       |                         |      | G1/100  |
| BL   | (0°-30°)    | 80.9   | 3.5       | B0/110                  |      |         |
| BM   | (30°-60°)   | 225.6  | 9.8       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 168.2  | 7.3       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 18.1   | 0.8       |                         |      | 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 Medium



REPORT NUMBER: P559999

CATALOG NUMBER: SDL-PA1-20-727-U-T4W

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  |
| 2.5°  | 242.0  | 252.2  | 257.3  | 262.3  | 264.0  | 265.7  | 265.7  | 264.9  | 264.9  | 264.9  | 266.6  |
| 5°    | 246.2  | 245.4  | 245.4  | 245.4  | 244.6  | 243.7  | 242.9  | 241.2  | 240.3  | 238.6  | 237.8  |
| 7.5°  | 225.9  | 242.9  | 243.7  | 244.6  | 244.6  | 243.7  | 245.4  | 247.1  | 245.4  | 242.9  | 239.5  |
| 10°   | 268.3  | 267.4  | 265.7  | 264.0  | 261.5  | 258.9  | 239.5  | 219.2  | 220.9  | 222.6  | 206.5  |
| 12.5° | 232.7  | 248.8  | 255.6  | 262.3  | 263.2  | 263.2  | 249.6  | 235.2  | 216.6  | 198.0  | 190.4  |
| 15°   | 284.3  | 282.6  | 279.3  | 275.9  | 253.0  | 229.3  | 215.8  | 202.2  | 202.2  | 202.2  | 179.4  |
| 17.5° | 239.5  | 238.6  | 253.9  | 269.1  | 260.6  | 252.2  | 232.7  | 213.2  | 184.5  | 154.9  | 173.5  |
| 20°   | 293.6  | 293.6  | 289.4  | 285.2  | 246.2  | 206.5  | 209.0  | 210.7  | 211.6  | 211.6  | 203.1  |
| 22.5° | 246.2  | 244.6  | 246.2  | 247.1  | 247.1  | 247.1  | 211.6  | 176.0  | 195.5  | 214.1  | 194.6  |
| 25°   | 293.6  | 294.5  | 293.6  | 292.8  | 257.3  | 220.9  | 226.8  | 232.7  | 205.6  | 177.7  | 196.3  |
| 27.5° | 256.4  | 255.6  | 251.3  | 247.1  | 247.9  | 248.8  | 230.2  | 210.7  | 221.7  | 232.7  | 213.2  |
| 30°   | 313.9  | 314.8  | 312.3  | 308.9  | 273.3  | 237.8  | 236.1  | 233.6  | 225.9  | 218.3  | 225.1  |
| 32.5° | 379.1  | 379.1  | 352.9  | 326.6  | 304.6  | 281.8  | 263.2  | 244.6  | 252.2  | 259.8  | 251.3  |
| 35°   | 413.8  | 412.1  | 403.6  | 394.3  | 353.7  | 312.3  | 286.9  | 260.6  | 263.2  | 264.9  | 264.9  |
| 37.5° | 475.6  | 474.7  | 462.9  | 451.0  | 396.0  | 340.2  | 307.2  | 273.3  | 278.4  | 282.6  | 276.7  |
| 40°   | 552.6  | 552.6  | 543.3  | 533.1  | 462.9  | 391.8  | 345.3  | 298.7  | 297.9  | 296.2  | 289.4  |
| 42.5° | 627.0  | 629.6  | 623.7  | 617.7  | 535.7  | 453.6  | 392.6  | 331.7  | 324.1  | 316.5  | 309.7  |
| 45°   | 676.1  | 679.5  | 684.6  | 689.7  | 608.4  | 527.2  | 456.1  | 384.2  | 369.8  | 354.6  | 342.7  |
| 47.5° | 726.1  | 721.0  | 727.7  | 734.5  | 665.1  | 595.7  | 517.9  | 440.0  | 416.3  | 392.6  | 380.0  |
| 50°   | 772.6  | 770.9  | 773.4  | 776.0  | 719.3  | 662.6  | 582.2  | 501.8  | 473.0  | 443.4  | 429.0  |
| 52.5° | 833.5  | 827.6  | 824.2  | 820.8  | 772.6  | 724.4  | 648.2  | 571.2  | 537.3  | 502.7  | 485.7  |
| 55°   | 891.9  | 889.4  | 884.3  | 878.4  | 836.9  | 795.4  | 715.1  | 634.7  | 599.1  | 563.6  | 544.1  |
| 57.5° | 952.0  | 950.3  | 949.5  | 948.6  | 912.2  | 875.8  | 793.8  | 710.8  | 670.2  | 628.7  | 612.7  |
| 60°   | 1008.7 | 1009.5 | 1016.3 | 1022.2 | 994.3  | 966.4  | 883.5  | 800.5  | 748.9  | 696.4  | 680.4  |
| 62.5° | 1042.5 | 1045.1 | 1062.0 | 1078.1 | 1062.9 | 1047.6 | 962.2  | 875.8  | 821.7  | 766.7  | 755.7  |
| 65°   | 999.4  | 1012.1 | 1061.2 | 1110.2 | 1110.2 | 1110.2 | 1032.4 | 953.7  | 906.3  | 858.9  | 849.6  |
| 67.5° | 902.9  | 915.6  | 985.8  | 1055.2 | 1091.6 | 1128.0 | 1077.2 | 1026.5 | 994.3  | 961.3  | 949.5  |
| 70°   | 823.4  | 831.0  | 897.0  | 962.2  | 1053.5 | 1144.9 | 1111.9 | 1078.1 | 1076.4 | 1073.9 | 1041.7 |
| 72.5° | 756.5  | 773.4  | 827.6  | 880.9  | 1007.0 | 1133.1 | 1132.2 | 1131.4 | 1166.1 | 1200.8 | 1139.0 |
| 75°   | 605.0  | 603.4  | 654.1  | 704.9  | 847.1  | 988.4  | 1067.9 | 1146.6 | 1246.5 | 1345.5 | 1250.7 |
| 77.5° | 269.9  | 288.6  | 336.8  | 385.0  | 512.8  | 639.7  | 792.9  | 946.1  | 1166.1 | 1385.3 | 1288.8 |
| 80°   | 77.0   | 81.2   | 94.8   | 107.5  | 167.6  | 226.8  | 387.6  | 547.5  | 824.2  | 1100.1 | 1034.9 |
| 82.5° | 40.6   | 42.3   | 50.8   | 58.4   | 75.3   | 91.4   | 152.3  | 212.4  | 450.2  | 687.1  | 627.9  |
| 85°   | 19.5   | 17.8   | 22.8   | 27.1   | 36.4   | 45.7   | 70.2   | 94.8   | 174.3  | 253.9  | 219.2  |
| 87.5° | 4.2    | 4.2    | 5.1    | 5.1    | 7.6    | 10.2   | 15.2   | 20.3   | 19.5   | 17.8   | 21.2   |
| 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: P559999

CATALOG NUMBER: SDL-PA1-20-727-U-T4W

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0°    | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6  | 266.6 | 266.6 | 266.6 |
| 2.5°  | 267.4  | 268.3  | 269.1  | 268.3  | 267.4  | 266.6  | 266.6  | 265.7  | 265.7 | 264.9 | 263.2 |
| 5°    | 236.9  | 248.8  | 260.6  | 261.5  | 262.3  | 262.3  | 261.5  | 260.6  | 258.9 | 258.1 | 256.4 |
| 7.5°  | 236.1  | 231.9  | 227.6  | 228.5  | 229.3  | 230.2  | 230.2  | 227.6  | 226.8 | 220.0 | 213.2 |
| 10°   | 189.6  | 185.3  | 181.1  | 183.6  | 186.2  | 195.5  | 200.6  | 198.9  | 197.2 | 185.3 | 172.6 |
| 12.5° | 182.8  | 181.1  | 179.4  | 166.7  | 154.0  | 165.0  | 172.6  | 171.8  | 169.2 | 158.2 | 147.2 |
| 15°   | 156.6  | 157.4  | 157.4  | 171.8  | 186.2  | 195.5  | 202.2  | 200.6  | 198.9 | 185.3 | 171.8 |
| 17.5° | 191.2  | 181.9  | 171.8  | 169.2  | 166.7  | 170.9  | 165.0  | 155.7  | 161.6 | 159.9 | 158.2 |
| 20°   | 193.8  | 170.9  | 147.2  | 170.9  | 194.6  | 200.6  | 213.2  | 212.4  | 209.9 | 198.0 | 186.2 |
| 22.5° | 175.2  | 188.7  | 201.4  | 188.7  | 176.0  | 167.6  | 163.3  | 161.6  | 160.8 | 164.2 | 166.7 |
| 25°   | 214.9  | 189.6  | 163.3  | 194.6  | 225.1  | 231.9  | 235.2  | 232.7  | 231.9 | 216.6 | 201.4 |
| 27.5° | 192.9  | 206.5  | 220.0  | 230.2  | 240.3  | 248.8  | 274.2  | 249.6  | 248.8 | 234.4 | 219.2 |
| 30°   | 231.0  | 245.4  | 259.8  | 286.0  | 312.3  | 326.6  | 331.7  | 330.0  | 325.8 | 302.9 | 280.1 |
| 32.5° | 242.9  | 271.6  | 299.6  | 311.4  | 322.4  | 337.6  | 345.3  | 344.4  | 340.2 | 313.1 | 285.2 |
| 35°   | 264.9  | 286.0  | 307.2  | 323.3  | 338.5  | 352.9  | 359.6  | 362.2  | 357.1 | 323.3 | 288.6 |
| 37.5° | 270.8  | 297.9  | 324.9  | 341.9  | 358.8  | 369.8  | 375.7  | 383.3  | 377.4 | 336.8 | 295.3 |
| 40°   | 282.6  | 314.8  | 346.1  | 363.0  | 379.1  | 389.3  | 399.4  | 408.7  | 401.1 | 352.0 | 302.1 |
| 42.5° | 302.1  | 335.1  | 367.3  | 386.7  | 405.3  | 419.7  | 431.6  | 444.3  | 429.9 | 366.4 | 302.1 |
| 45°   | 330.9  | 361.3  | 391.8  | 418.0  | 443.4  | 461.2  | 478.1  | 495.9  | 467.1 | 385.0 | 302.1 |
| 47.5° | 367.3  | 396.9  | 425.6  | 467.1  | 508.6  | 524.7  | 545.0  | 561.9  | 515.3 | 408.7 | 302.1 |
| 50°   | 413.8  | 446.8  | 479.8  | 534.8  | 589.0  | 604.2  | 629.6  | 642.3  | 579.7 | 445.1 | 309.7 |
| 52.5° | 468.0  | 504.3  | 539.9  | 604.2  | 668.5  | 693.9  | 727.7  | 736.2  | 644.8 | 481.5 | 317.3 |
| 55°   | 524.7  | 573.7  | 622.0  | 693.1  | 763.3  | 787.8  | 836.1  | 842.8  | 728.6 | 526.3 | 323.3 |
| 57.5° | 596.6  | 654.1  | 710.8  | 780.2  | 848.8  | 883.5  | 958.8  | 961.3  | 825.9 | 581.4 | 335.9 |
| 60°   | 664.3  | 736.2  | 807.3  | 873.3  | 939.3  | 993.5  | 1080.6 | 1081.5 | 917.3 | 622.8 | 327.5 |
| 62.5° | 744.7  | 830.1  | 914.8  | 971.5  | 1028.2 | 1095.0 | 1199.9 | 1184.7 | 981.6 | 627.9 | 274.2 |
| 65°   | 839.4  | 927.5  | 1015.5 | 1063.7 | 1111.1 | 1187.2 | 1300.6 | 1242.3 | 999.4 | 599.1 | 198.0 |
| 67.5° | 936.8  | 1018.8 | 1100.9 | 1139.0 | 1177.1 | 1273.6 | 1374.3 | 1249.0 | 973.2 | 556.0 | 137.9 |
| 70°   | 1009.5 | 1086.5 | 1163.6 | 1196.6 | 1229.6 | 1333.6 | 1396.3 | 1205.0 | 899.5 | 503.5 | 107.5 |
| 72.5° | 1076.4 | 1149.2 | 1221.1 | 1238.0 | 1254.1 | 1307.4 | 1284.6 | 1062.0 | 758.2 | 424.0 | 88.9  |
| 75°   | 1155.9 | 1202.5 | 1248.2 | 1217.7 | 1187.2 | 1115.3 | 985.8  | 774.3  | 555.1 | 315.6 | 76.2  |
| 77.5° | 1192.3 | 1181.3 | 1169.5 | 1065.4 | 961.3  | 768.4  | 612.7  | 447.7  | 281.8 | 173.5 | 65.2  |
| 80°   | 969.8  | 925.8  | 880.9  | 706.6  | 532.3  | 363.9  | 238.6  | 151.5  | 103.2 | 77.9  | 52.5  |
| 82.5° | 567.8  | 465.4  | 363.0  | 266.6  | 170.1  | 119.3  | 77.9   | 61.8   | 48.2  | 45.7  | 42.3  |
| 85°   | 183.6  | 162.5  | 141.3  | 111.7  | 82.1   | 50.8   | 29.6   | 27.1   | 25.4  | 27.9  | 29.6  |
| 87.5° | 24.5   | 24.5   | 23.7   | 17.8   | 11.0   | 5.9    | 3.4    | 2.5    | 2.5   | 3.4   | 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: P559999

CATALOG NUMBER: SDL-PA1-20-727-U-T4W

**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 266.6 | 266.6 | 266.6 | 266.6 | 266.6 | 266.6 | 266.6 | 266.6 | 266.6 | 266.6 | 266.6 |
| 2.5°  | 263.2 | 262.3 | 261.5 | 260.6 | 259.8 | 258.1 | 251.3 | 244.6 | 242.0 | 238.6 | 236.1 |
| 5°    | 247.9 | 239.5 | 233.6 | 227.6 | 225.1 | 221.7 | 222.6 | 223.4 | 224.2 | 224.2 | 224.2 |
| 7.5°  | 214.9 | 216.6 | 217.5 | 217.5 | 220.0 | 221.7 | 223.4 | 224.2 | 220.9 | 217.5 | 213.2 |
| 10°   | 170.9 | 168.4 | 171.8 | 174.3 | 178.6 | 181.9 | 192.9 | 203.9 | 214.1 | 224.2 | 228.5 |
| 12.5° | 155.7 | 164.2 | 157.4 | 150.6 | 164.2 | 176.9 | 192.1 | 207.3 | 216.6 | 225.1 | 217.5 |
| 15°   | 158.2 | 143.9 | 145.5 | 146.4 | 163.3 | 179.4 | 170.1 | 160.8 | 187.0 | 212.4 | 220.0 |
| 17.5° | 155.7 | 153.2 | 162.5 | 170.9 | 154.9 | 138.8 | 161.6 | 183.6 | 195.5 | 207.3 | 203.9 |
| 20°   | 168.4 | 149.8 | 149.8 | 149.8 | 164.2 | 178.6 | 167.6 | 156.6 | 169.2 | 181.9 | 203.1 |
| 22.5° | 174.3 | 181.1 | 167.6 | 153.2 | 162.5 | 171.8 | 171.8 | 170.9 | 185.3 | 198.9 | 195.5 |
| 25°   | 176.0 | 150.6 | 162.5 | 173.5 | 167.6 | 160.8 | 168.4 | 175.2 | 179.4 | 183.6 | 202.2 |
| 27.5° | 201.4 | 183.6 | 170.1 | 155.7 | 166.7 | 177.7 | 175.2 | 172.6 | 176.0 | 179.4 | 183.6 |
| 30°   | 238.6 | 197.2 | 181.9 | 165.9 | 159.9 | 153.2 | 160.8 | 167.6 | 180.2 | 192.9 | 209.9 |
| 32.5° | 249.6 | 213.2 | 188.7 | 163.3 | 162.5 | 160.8 | 163.3 | 165.0 | 179.4 | 192.9 | 216.6 |
| 35°   | 247.9 | 206.5 | 182.8 | 158.2 | 153.2 | 148.1 | 152.3 | 155.7 | 176.9 | 198.0 | 220.9 |
| 37.5° | 246.2 | 196.3 | 171.8 | 147.2 | 143.9 | 139.6 | 143.9 | 148.1 | 164.2 | 180.2 | 201.4 |
| 40°   | 243.7 | 184.5 | 160.8 | 136.2 | 132.0 | 127.8 | 132.0 | 135.4 | 148.1 | 160.8 | 177.7 |
| 42.5° | 237.8 | 172.6 | 148.9 | 124.4 | 121.0 | 116.8 | 120.2 | 123.5 | 134.5 | 145.5 | 155.7 |
| 45°   | 231.0 | 159.1 | 136.2 | 113.4 | 110.0 | 106.6 | 109.2 | 110.9 | 121.0 | 130.3 | 135.4 |
| 47.5° | 223.4 | 144.7 | 123.5 | 102.4 | 99.0  | 95.6  | 98.2  | 99.9  | 107.5 | 115.1 | 116.8 |
| 50°   | 221.7 | 132.9 | 113.4 | 93.1  | 90.5  | 87.2  | 88.9  | 90.5  | 96.5  | 101.5 | 101.5 |
| 52.5° | 218.3 | 118.5 | 102.4 | 85.5  | 83.8  | 81.2  | 82.1  | 82.9  | 87.2  | 91.4  | 90.5  |
| 55°   | 215.8 | 108.3 | 93.9  | 79.5  | 77.9  | 75.3  | 76.2  | 77.0  | 81.2  | 84.6  | 83.8  |
| 57.5° | 218.3 | 99.9  | 87.2  | 73.6  | 71.9  | 70.2  | 71.9  | 73.6  | 77.9  | 82.1  | 82.1  |
| 60°   | 209.9 | 91.4  | 79.5  | 67.7  | 66.9  | 65.2  | 69.4  | 72.8  | 79.5  | 85.5  | 87.2  |
| 62.5° | 179.4 | 83.8  | 73.6  | 63.5  | 64.3  | 64.3  | 71.9  | 78.7  | 88.0  | 96.5  | 98.2  |
| 65°   | 137.9 | 77.9  | 69.4  | 60.1  | 64.3  | 68.5  | 78.7  | 88.9  | 97.3  | 105.8 | 103.2 |
| 67.5° | 105.8 | 73.6  | 66.9  | 59.2  | 68.5  | 77.0  | 86.3  | 95.6  | 99.9  | 103.2 | 99.0  |
| 70°   | 88.9  | 69.4  | 64.3  | 58.4  | 67.7  | 77.0  | 86.3  | 95.6  | 97.3  | 99.0  | 94.8  |
| 72.5° | 77.9  | 66.0  | 60.9  | 55.9  | 63.5  | 71.1  | 82.1  | 92.2  | 93.9  | 94.8  | 90.5  |
| 75°   | 69.4  | 61.8  | 55.9  | 49.9  | 57.5  | 64.3  | 75.3  | 86.3  | 88.0  | 88.9  | 85.5  |
| 77.5° | 60.9  | 56.7  | 49.9  | 43.2  | 50.8  | 58.4  | 68.5  | 78.7  | 81.2  | 83.8  | 79.5  |
| 80°   | 50.8  | 48.2  | 43.2  | 38.1  | 46.5  | 54.2  | 63.5  | 72.8  | 75.3  | 77.9  | 73.6  |
| 82.5° | 40.6  | 38.9  | 35.5  | 32.2  | 40.6  | 49.1  | 58.4  | 66.9  | 69.4  | 71.1  | 66.0  |
| 85°   | 29.6  | 29.6  | 27.9  | 26.2  | 34.7  | 42.3  | 48.2  | 54.2  | 53.3  | 52.5  | 49.1  |
| 87.5° | 4.2   | 4.2   | 5.9   | 7.6   | 10.2  | 11.8  | 15.2  | 17.8  | 18.6  | 18.6  | 14.4  |
| 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: P559999

CATALOG NUMBER: SDL-PA1-20-727-U-T4W

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 266.6 | 266.6 | 266.6 | 266.6 |
| 2.5°  | 233.6 | 233.6 | 232.7 | 234.4 |
| 5°    | 224.2 | 225.1 | 225.1 | 225.9 |
| 7.5°  | 209.0 | 204.8 | 199.7 | 200.6 |
| 10°   | 232.7 | 233.6 | 234.4 | 234.4 |
| 12.5° | 209.0 | 205.6 | 201.4 | 202.2 |
| 15°   | 226.8 | 229.3 | 231.9 | 232.7 |
| 17.5° | 199.7 | 198.9 | 198.0 | 197.2 |
| 20°   | 223.4 | 227.6 | 231.9 | 231.9 |
| 22.5° | 192.1 | 192.1 | 192.1 | 192.9 |
| 25°   | 220.9 | 225.9 | 230.2 | 230.2 |
| 27.5° | 187.0 | 198.9 | 210.7 | 220.0 |
| 30°   | 225.9 | 228.5 | 231.0 | 231.9 |
| 32.5° | 239.5 | 252.2 | 264.0 | 266.6 |
| 35°   | 242.9 | 248.8 | 253.9 | 256.4 |
| 37.5° | 222.6 | 227.6 | 232.7 | 236.1 |
| 40°   | 193.8 | 198.0 | 202.2 | 204.8 |
| 42.5° | 165.0 | 165.9 | 166.7 | 170.9 |
| 45°   | 140.5 | 136.2 | 132.0 | 131.2 |
| 47.5° | 117.6 | 111.7 | 105.8 | 104.9 |
| 50°   | 100.7 | 95.6  | 90.5  | 90.5  |
| 52.5° | 88.9  | 85.5  | 82.1  | 82.1  |
| 55°   | 82.9  | 81.2  | 78.7  | 78.7  |
| 57.5° | 82.1  | 81.2  | 80.4  | 80.4  |
| 60°   | 88.0  | 88.9  | 88.9  | 88.9  |
| 62.5° | 99.0  | 99.9  | 99.9  | 99.9  |
| 65°   | 99.9  | 98.2  | 96.5  | 96.5  |
| 67.5° | 94.8  | 92.2  | 89.7  | 88.0  |
| 70°   | 89.7  | 88.0  | 85.5  | 82.9  |
| 72.5° | 85.5  | 83.8  | 81.2  | 78.7  |
| 75°   | 81.2  | 78.7  | 75.3  | 73.6  |
| 77.5° | 75.3  | 73.6  | 71.1  | 69.4  |
| 80°   | 68.5  | 66.9  | 64.3  | 60.9  |
| 82.5° | 60.9  | 61.8  | 61.8  | 53.3  |
| 85°   | 44.8  | 42.3  | 38.9  | 32.2  |
| 87.5° | 9.3   | 8.5   | 6.8   | 5.9   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)