

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: P560540

Luminaire Tested: **SDL-PA1-50-730-U-T2U-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560540  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-50-730-U-T2U-HSS  
Description: Springdale  
(1) 70 CRI, 3000K, 670mA LIGHT ENGINE WITH 24 LEDS AND TYPE II U OPTICS  
AND HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4233.4 lumens  
Efficiency: N/A  
Efficacy: 80.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type II - Short  
BUG Rating: B1 - U0 - G1

Input Watts (W): 52.4  
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

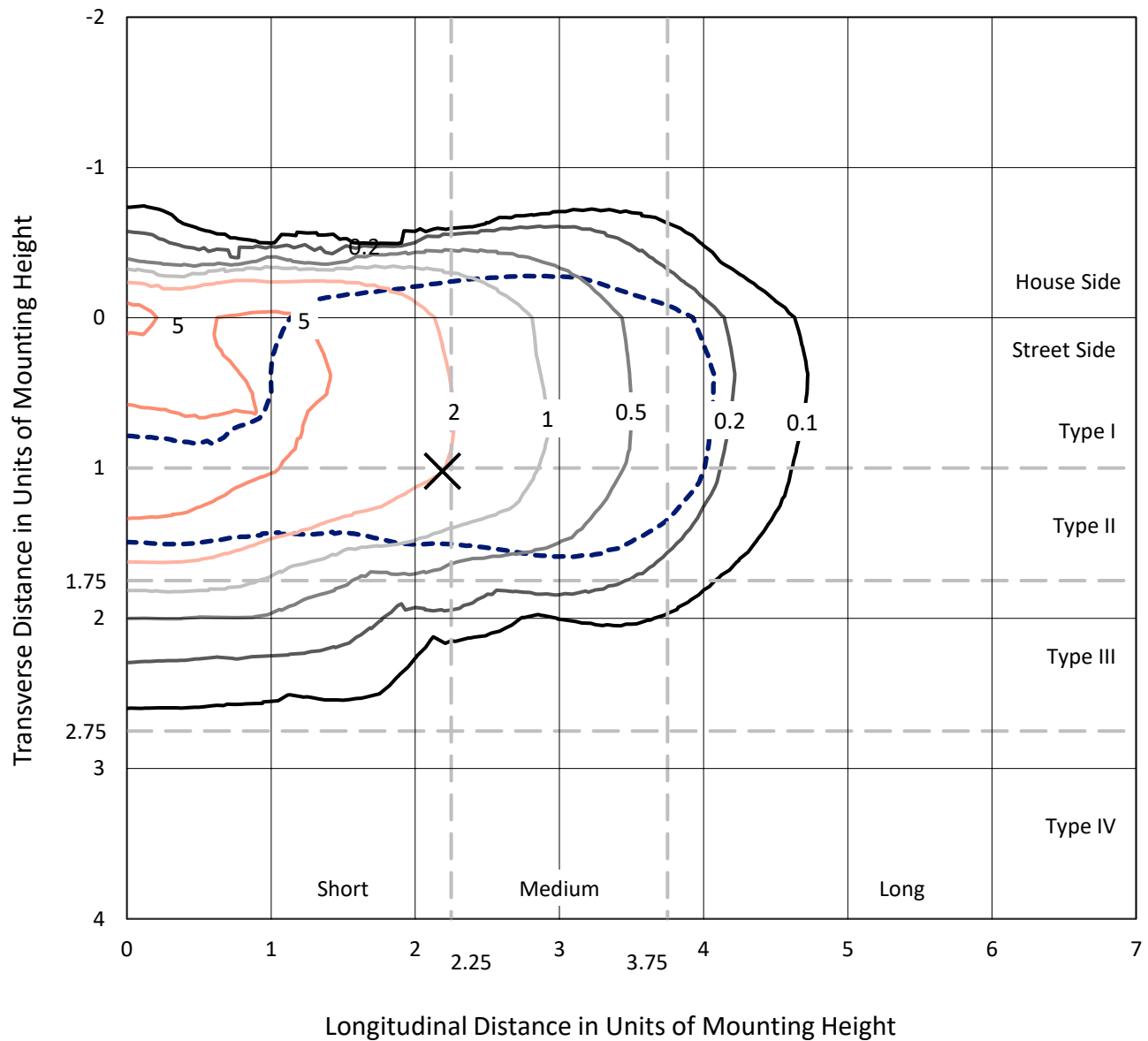


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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

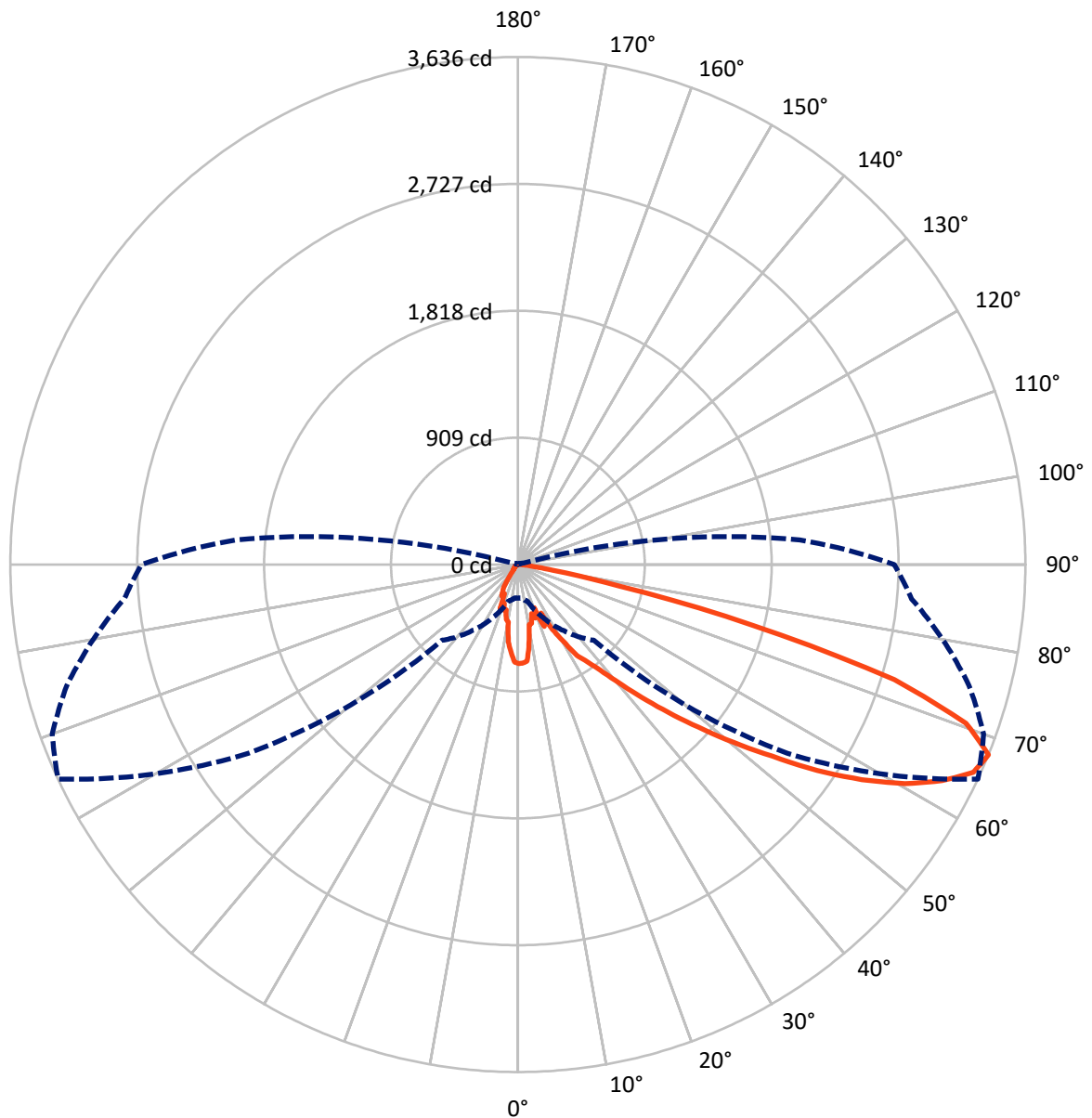


Based on 10 foot mounting height. Maximum calculated value = 9.4 fc  
 Type II - Short - N/A

REPORT NUMBER: P560540

CATALOG NUMBER: SDL-PA1-50-730-U-T2U-HSS

## Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P560540

CATALOG NUMBER: SDL-PA1-50-730-U-T2U-HSS

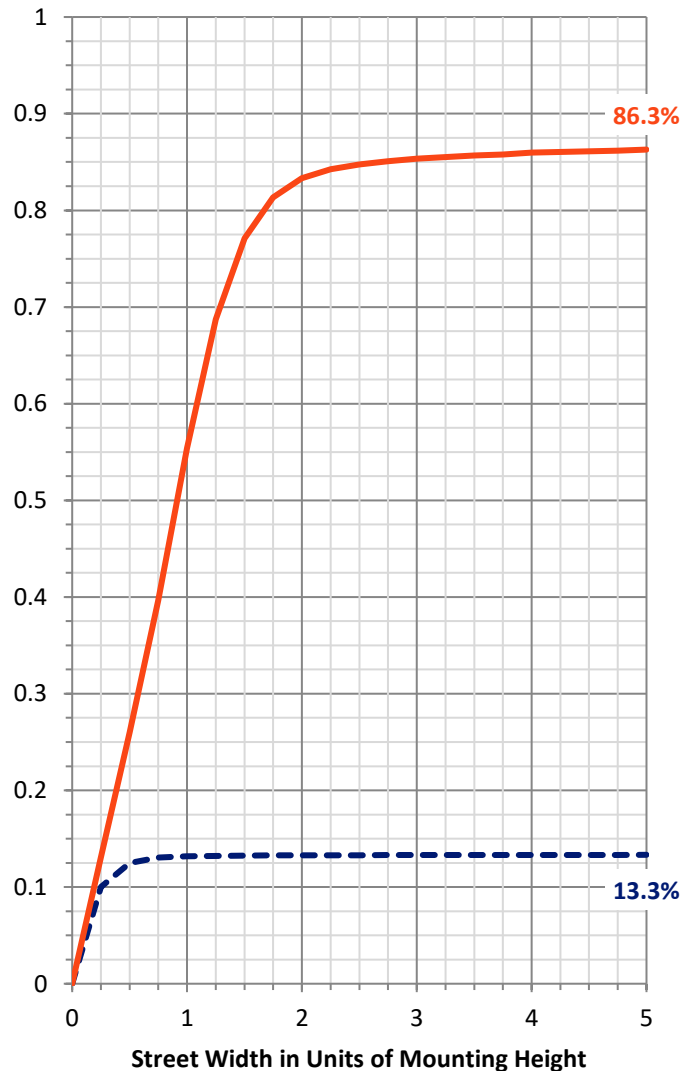
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 572.4    | 0.0    | 572.4  |
|                    | % Fixture | 13.5     | 0.0    | 13.5   |
| <b>Street Side</b> | Lumens    | 3661.0   | 0.0    | 3661.0 |
|                    | % Fixture | 86.5     | 0.0    | 86.5   |
| <b>Total</b>       | Lumens    | 4233.4   | 0.0    | 4233.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 54.4   | 1.3       |
| 10°-20°   | 105.2  | 2.5       |
| 20°-30°   | 158.9  | 3.8       |
| 30°-40°   | 366.0  | 8.6       |
| 40°-50°   | 802.9  | 19.0      |
| 50°-60°   | 1178.6 | 27.8      |
| 60°-70°   | 1023.7 | 24.2      |
| 70°-80°   | 507.6  | 12.0      |
| 80°-90°   | 36.0   | 0.9       |
| 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°    | 4233.4 | 100.0     |
| 0°-180°   | 4233.4 | 100.0     |



REPORT NUMBER: P560540

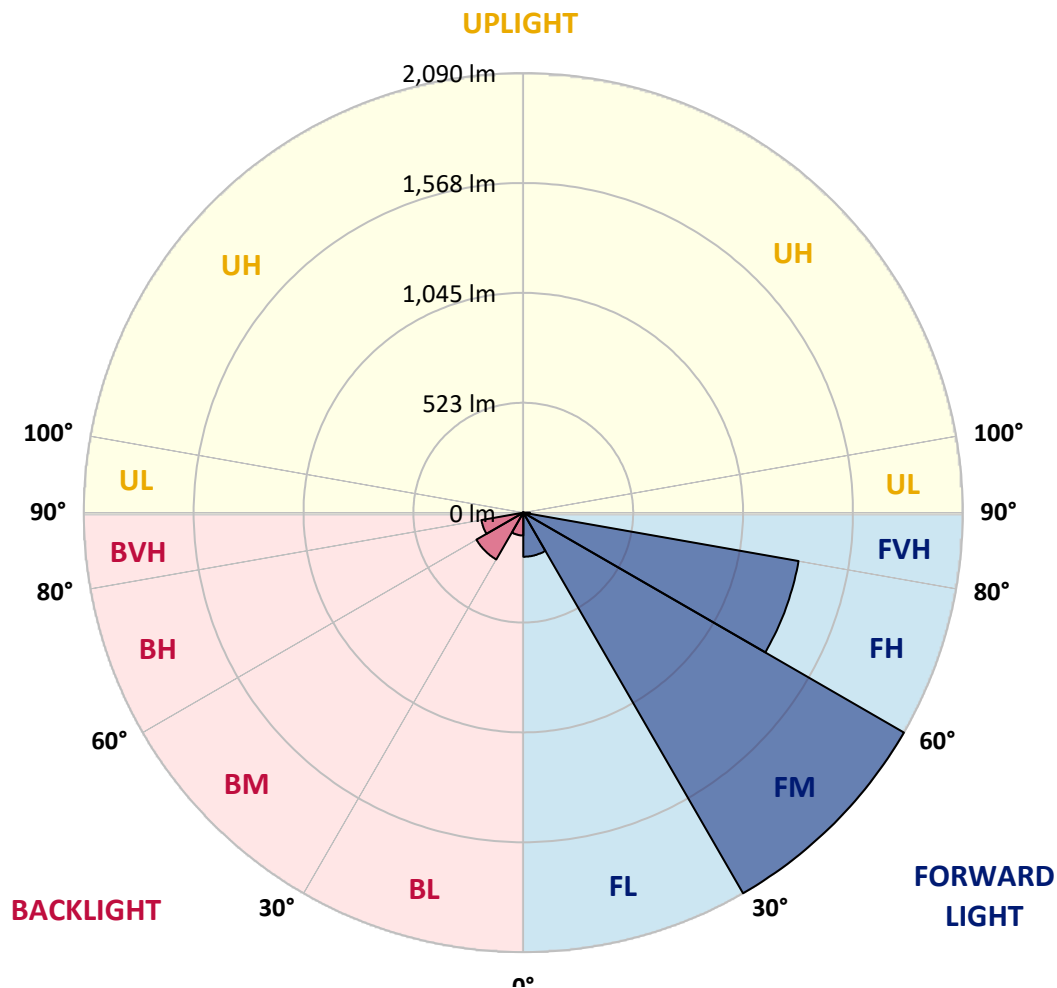
CATALOG NUMBER: SDL-PA1-50-730-U-T2U-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 209.8  | 5.0       |                         |      |         |
| FM   | (30°-60°)   | 2090.4 | 49.4      |                         |      |         |
| FH   | (60°-80°)   | 1329.1 | 31.4      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 31.7   | 0.7       |                         |      | G1/100  |
| BL   | (0°-30°)    | 108.7  | 2.6       | B0/110                  |      |         |
| BM   | (30°-60°)   | 257.1  | 6.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 202.2  | 4.8       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 4.3    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type II Short



REPORT NUMBER: P560540

CATALOG NUMBER: SDL-PA1-50-730-U-T2U-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  |
| 2.5°  | 593.5  | 642.6  | 657.5  | 672.5  | 685.3  | 698.1  | 700.2  | 702.4  | 706.6  | 708.8  | 710.9  |
| 5°    | 580.7  | 582.8  | 582.8  | 580.7  | 582.8  | 584.9  | 584.9  | 584.9  | 584.9  | 584.9  | 587.1  |
| 7.5°  | 465.4  | 520.9  | 538.0  | 552.9  | 561.5  | 567.9  | 572.1  | 574.3  | 576.4  | 578.5  | 580.7  |
| 10°   | 561.5  | 559.3  | 561.5  | 561.5  | 563.6  | 563.6  | 514.5  | 465.4  | 482.5  | 497.4  | 471.8  |
| 12.5° | 446.2  | 491.0  | 510.2  | 529.4  | 542.2  | 552.9  | 531.6  | 508.1  | 463.3  | 416.3  | 418.4  |
| 15°   | 538.0  | 538.0  | 538.0  | 538.0  | 497.4  | 454.7  | 427.0  | 397.1  | 420.6  | 441.9  | 399.2  |
| 17.5° | 433.4  | 433.4  | 471.8  | 510.2  | 510.2  | 508.1  | 480.3  | 450.5  | 390.7  | 330.9  | 384.3  |
| 20°   | 535.8  | 535.8  | 538.0  | 540.1  | 469.7  | 399.2  | 422.7  | 444.0  | 452.6  | 461.1  | 441.9  |
| 22.5° | 437.6  | 437.6  | 444.0  | 448.3  | 473.9  | 499.6  | 431.2  | 362.9  | 418.4  | 473.9  | 435.5  |
| 25°   | 565.7  | 567.9  | 572.1  | 574.3  | 510.2  | 444.0  | 473.9  | 503.8  | 444.0  | 384.3  | 444.0  |
| 27.5° | 512.4  | 503.8  | 503.8  | 501.7  | 523.0  | 542.2  | 499.6  | 456.9  | 495.3  | 533.7  | 488.9  |
| 30°   | 719.4  | 713.0  | 704.5  | 696.0  | 614.8  | 533.7  | 535.8  | 535.8  | 520.9  | 506.0  | 531.6  |
| 32.5° | 997.0  | 986.3  | 913.7  | 841.1  | 781.3  | 721.6  | 659.7  | 597.8  | 619.1  | 638.3  | 625.5  |
| 35°   | 1338.5 | 1338.5 | 1270.2 | 1201.9 | 1067.4 | 932.9  | 828.3  | 721.6  | 713.0  | 704.5  | 717.3  |
| 37.5° | 1744.2 | 1701.5 | 1620.3 | 1539.2 | 1372.7 | 1204.0 | 1043.9 | 883.8  | 864.6  | 843.3  | 821.9  |
| 40°   | 2045.2 | 2038.8 | 1976.9 | 1914.9 | 1710.0 | 1505.1 | 1317.2 | 1127.2 | 1065.3 | 1001.2 | 954.3  |
| 42.5° | 2359.0 | 2335.5 | 2286.4 | 2235.2 | 2028.1 | 1818.9 | 1618.2 | 1415.4 | 1330.0 | 1244.6 | 1161.4 |
| 45°   | 2585.3 | 2578.9 | 2536.2 | 2493.5 | 2324.8 | 2154.0 | 1944.8 | 1733.5 | 1678.0 | 1622.5 | 1466.6 |
| 47.5° | 2726.2 | 2689.9 | 2672.8 | 2653.6 | 2508.4 | 2363.3 | 2186.1 | 2006.7 | 1998.2 | 1987.5 | 1791.1 |
| 50°   | 2683.5 | 2651.5 | 2655.7 | 2660.0 | 2589.6 | 2519.1 | 2384.6 | 2248.0 | 2271.5 | 2294.9 | 2132.7 |
| 52.5° | 2457.2 | 2429.4 | 2467.9 | 2504.2 | 2502.0 | 2499.9 | 2450.8 | 2399.6 | 2484.9 | 2568.2 | 2457.2 |
| 55°   | 2004.6 | 2023.8 | 2100.7 | 2177.5 | 2228.8 | 2277.9 | 2348.3 | 2416.6 | 2578.9 | 2739.0 | 2717.6 |
| 57.5° | 1571.2 | 1613.9 | 1692.9 | 1769.8 | 1853.0 | 1934.2 | 2083.6 | 2233.0 | 2506.3 | 2777.4 | 2871.4 |
| 60°   | 1054.6 | 1082.4 | 1221.1 | 1357.8 | 1434.6 | 1511.5 | 1673.7 | 1833.8 | 2205.3 | 2574.6 | 2820.1 |
| 62.5° | 655.4  | 670.3  | 749.3  | 828.3  | 984.2  | 1140.0 | 1221.1 | 1300.1 | 1701.5 | 2100.7 | 2555.4 |
| 65°   | 403.5  | 399.2  | 431.2  | 461.1  | 614.8  | 766.4  | 819.8  | 871.0  | 1137.9 | 1402.6 | 2109.2 |
| 67.5° | 241.2  | 239.1  | 256.2  | 273.3  | 343.7  | 414.2  | 497.4  | 580.7  | 674.6  | 766.4  | 1562.7 |
| 70°   | 196.4  | 200.7  | 207.1  | 213.5  | 232.7  | 251.9  | 328.8  | 405.6  | 403.5  | 401.3  | 939.3  |
| 72.5° | 164.4  | 168.7  | 181.5  | 192.1  | 207.1  | 219.9  | 264.7  | 307.4  | 288.2  | 269.0  | 448.3  |
| 75°   | 121.7  | 123.8  | 140.9  | 155.8  | 179.3  | 200.7  | 211.3  | 219.9  | 211.3  | 202.8  | 226.3  |
| 77.5° | 81.1   | 81.1   | 96.1   | 111.0  | 134.5  | 158.0  | 170.8  | 183.6  | 168.7  | 153.7  | 160.1  |
| 80°   | 51.2   | 51.2   | 59.8   | 66.2   | 89.7   | 113.1  | 128.1  | 143.0  | 130.2  | 115.3  | 113.1  |
| 82.5° | 29.9   | 32.0   | 36.3   | 40.6   | 55.5   | 70.4   | 81.1   | 91.8   | 106.7  | 119.6  | 96.1   |
| 85°   | 12.8   | 14.9   | 19.2   | 21.3   | 29.9   | 36.3   | 42.7   | 49.1   | 61.9   | 74.7   | 61.9   |
| 87.5° | 2.1    | 2.1    | 4.3    | 6.4    | 8.5    | 10.7   | 10.7   | 10.7   | 10.7   | 8.5    | 10.7   |
| 90°   | 0.0    | 0.0    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    | 2.1    | 4.3    |

REPORT NUMBER: P560540

CATALOG NUMBER: SDL-PA1-50-730-U-T2U-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8  | 708.8 |
| 2.5°  | 710.9  | 708.8  | 706.6  | 706.6  | 706.6  | 704.5  | 702.4  | 702.4  | 702.4  | 700.2  | 698.1 |
| 5°    | 587.1  | 640.5  | 693.8  | 696.0  | 700.2  | 698.1  | 696.0  | 693.8  | 691.7  | 689.6  | 685.3 |
| 7.5°  | 580.7  | 576.4  | 572.1  | 557.2  | 608.4  | 608.4  | 606.3  | 606.3  | 602.0  | 584.9  | 567.9 |
| 10°   | 444.0  | 441.9  | 437.6  | 444.0  | 454.7  | 491.0  | 525.2  | 523.0  | 516.6  | 476.1  | 435.5 |
| 12.5° | 420.6  | 427.0  | 433.4  | 412.0  | 371.5  | 405.6  | 439.8  | 435.5  | 431.2  | 394.9  | 356.5 |
| 15°   | 356.5  | 360.8  | 365.1  | 399.2  | 461.1  | 493.1  | 523.0  | 518.8  | 514.5  | 471.8  | 427.0 |
| 17.5° | 437.6  | 420.6  | 403.5  | 427.0  | 405.6  | 420.6  | 435.5  | 418.4  | 405.6  | 388.5  | 371.5 |
| 20°   | 420.6  | 375.7  | 330.9  | 399.2  | 478.2  | 503.8  | 529.4  | 523.0  | 510.2  | 469.7  | 427.0 |
| 22.5° | 394.9  | 439.8  | 482.5  | 461.1  | 422.7  | 399.2  | 375.7  | 365.1  | 356.5  | 358.7  | 360.8 |
| 25°   | 501.7  | 444.0  | 384.3  | 486.7  | 548.7  | 557.2  | 563.6  | 544.4  | 523.0  | 478.2  | 431.2 |
| 27.5° | 441.9  | 484.6  | 525.2  | 565.7  | 587.1  | 593.5  | 597.8  | 625.5  | 580.7  | 520.9  | 461.1 |
| 30°   | 557.2  | 593.5  | 629.8  | 719.4  | 792.0  | 804.8  | 817.6  | 785.6  | 749.3  | 676.7  | 604.2 |
| 32.5° | 612.7  | 696.0  | 777.1  | 819.8  | 849.7  | 860.3  | 871.0  | 828.3  | 787.8  | 693.8  | 597.8 |
| 35°   | 728.0  | 789.9  | 851.8  | 900.9  | 958.5  | 960.7  | 962.8  | 915.8  | 864.6  | 728.0  | 591.3 |
| 37.5° | 798.4  | 879.6  | 958.5  | 1014.0 | 1103.7 | 1097.3 | 1090.9 | 1035.4 | 973.5  | 781.3  | 589.2 |
| 40°   | 905.2  | 1009.8 | 1112.2 | 1165.6 | 1274.5 | 1255.3 | 1236.1 | 1172.0 | 1103.7 | 839.0  | 574.3 |
| 42.5° | 1078.1 | 1189.1 | 1300.1 | 1344.9 | 1464.5 | 1443.1 | 1419.7 | 1334.3 | 1246.7 | 886.0  | 525.2 |
| 45°   | 1308.7 | 1409.0 | 1509.3 | 1588.3 | 1682.3 | 1648.1 | 1613.9 | 1522.1 | 1394.0 | 926.5  | 459.0 |
| 47.5° | 1592.6 | 1667.3 | 1742.0 | 1897.9 | 1966.2 | 1897.9 | 1827.4 | 1716.4 | 1554.2 | 960.7  | 367.2 |
| 50°   | 1970.5 | 1987.5 | 2002.5 | 2196.7 | 2265.1 | 2160.5 | 2055.8 | 1912.8 | 1718.5 | 999.1  | 277.5 |
| 52.5° | 2344.0 | 2312.0 | 2277.9 | 2487.1 | 2512.7 | 2373.9 | 2233.0 | 2083.6 | 1840.2 | 1020.5 | 198.5 |
| 55°   | 2696.3 | 2651.5 | 2604.5 | 2753.9 | 2736.9 | 2553.3 | 2369.7 | 2188.2 | 1914.9 | 1026.9 | 138.8 |
| 57.5° | 2965.3 | 2937.5 | 2907.6 | 2976.0 | 2911.9 | 2696.3 | 2480.7 | 2299.2 | 1970.5 | 1037.5 | 102.5 |
| 60°   | 3063.5 | 3125.4 | 3187.3 | 3178.8 | 3061.4 | 2832.9 | 2604.5 | 2412.4 | 2004.6 | 1041.8 | 76.9  |
| 62.5° | 3010.1 | 3210.8 | 3409.3 | 3328.2 | 3185.2 | 2943.9 | 2700.6 | 2514.8 | 2019.6 | 1039.7 | 59.8  |
| 65°   | 2815.8 | 3202.3 | 3586.5 | 3452.0 | 3272.7 | 3031.5 | 2790.2 | 2623.7 | 2036.6 | 1041.8 | 47.0  |
| 67.5° | 2356.9 | 2997.3 | 3635.6 | 3550.2 | 3345.3 | 3089.1 | 2830.8 | 2696.3 | 2028.1 | 1033.3 | 38.4  |
| 70°   | 1475.2 | 2440.1 | 3405.1 | 3471.2 | 3345.3 | 3063.5 | 2781.7 | 2674.9 | 1951.2 | 990.6  | 29.9  |
| 72.5° | 625.5  | 1722.8 | 2820.1 | 3108.3 | 3195.8 | 2922.6 | 2649.3 | 2517.0 | 1786.9 | 905.2  | 23.5  |
| 75°   | 247.6  | 990.6  | 1733.5 | 2190.3 | 2459.3 | 2344.0 | 2226.6 | 2049.4 | 1172.0 | 595.6  | 17.1  |
| 77.5° | 166.5  | 452.6  | 738.7  | 1076.0 | 1283.0 | 1327.9 | 1372.7 | 1169.9 | 467.5  | 241.2  | 12.8  |
| 80°   | 111.0  | 181.5  | 251.9  | 386.4  | 461.1  | 435.5  | 407.8  | 335.2  | 143.0  | 76.9   | 10.7  |
| 82.5° | 70.4   | 93.9   | 117.4  | 132.4  | 136.6  | 98.2   | 59.8   | 49.1   | 17.1   | 12.8   | 6.4   |
| 85°   | 47.0   | 55.5   | 64.0   | 66.2   | 66.2   | 47.0   | 25.6   | 12.8   | 6.4    | 6.4    | 4.3   |
| 87.5° | 12.8   | 14.9   | 14.9   | 14.9   | 10.7   | 8.5    | 6.4    | 4.3    | 4.3    | 4.3    | 4.3   |
| 90°   | 6.4    | 8.5    | 8.5    | 8.5    | 6.4    | 6.4    | 4.3    | 4.3    | 4.3    | 4.3    | 4.3   |

REPORT NUMBER: P560540

CATALOG NUMBER: SDL-PA1-50-730-U-T2U-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 | 708.8 |
| 2.5°  | 698.1 | 698.1 | 696.0 | 693.8 | 693.8 | 691.7 | 670.3 | 646.9 | 625.5 | 602.0 | 599.9 |
| 5°    | 657.5 | 627.6 | 599.9 | 572.1 | 567.9 | 561.5 | 561.5 | 559.3 | 559.3 | 557.2 | 557.2 |
| 7.5°  | 563.6 | 559.3 | 555.1 | 550.8 | 548.7 | 544.4 | 542.2 | 538.0 | 535.8 | 531.6 | 508.1 |
| 10°   | 427.0 | 416.3 | 416.3 | 414.2 | 418.4 | 422.7 | 420.6 | 416.3 | 444.0 | 471.8 | 469.7 |
| 12.5° | 380.0 | 401.3 | 382.1 | 360.8 | 367.2 | 371.5 | 377.9 | 384.3 | 382.1 | 377.9 | 345.8 |
| 15°   | 382.1 | 335.2 | 320.2 | 303.1 | 311.7 | 318.1 | 262.6 | 204.9 | 194.3 | 183.6 | 170.8 |
| 17.5° | 356.5 | 341.6 | 330.9 | 318.1 | 243.4 | 166.5 | 149.4 | 132.4 | 117.4 | 100.3 | 98.2  |
| 20°   | 360.8 | 292.5 | 273.3 | 251.9 | 194.3 | 136.6 | 104.6 | 72.6  | 64.0  | 55.5  | 64.0  |
| 22.5° | 352.2 | 341.6 | 249.8 | 158.0 | 117.4 | 76.9  | 64.0  | 49.1  | 53.4  | 57.6  | 57.6  |
| 25°   | 330.9 | 230.6 | 179.3 | 128.1 | 89.7  | 49.1  | 51.2  | 51.2  | 47.0  | 40.6  | 44.8  |
| 27.5° | 358.7 | 254.0 | 162.2 | 68.3  | 59.8  | 49.1  | 44.8  | 38.4  | 38.4  | 38.4  | 36.3  |
| 30°   | 414.2 | 222.0 | 138.8 | 55.5  | 47.0  | 38.4  | 36.3  | 34.2  | 32.0  | 27.8  | 29.9  |
| 32.5° | 392.8 | 187.9 | 117.4 | 47.0  | 40.6  | 34.2  | 29.9  | 25.6  | 25.6  | 25.6  | 25.6  |
| 35°   | 356.5 | 119.6 | 81.1  | 40.6  | 34.2  | 27.8  | 25.6  | 21.3  | 21.3  | 21.3  | 21.3  |
| 37.5° | 333.0 | 76.9  | 55.5  | 32.0  | 27.8  | 23.5  | 21.3  | 17.1  | 17.1  | 17.1  | 19.2  |
| 40°   | 313.8 | 53.4  | 40.6  | 27.8  | 23.5  | 17.1  | 14.9  | 12.8  | 14.9  | 14.9  | 14.9  |
| 42.5° | 286.1 | 44.8  | 34.2  | 23.5  | 19.2  | 14.9  | 12.8  | 10.7  | 12.8  | 12.8  | 12.8  |
| 45°   | 249.8 | 40.6  | 29.9  | 19.2  | 17.1  | 12.8  | 10.7  | 8.5   | 10.7  | 10.7  | 10.7  |
| 47.5° | 200.7 | 34.2  | 25.6  | 17.1  | 14.9  | 10.7  | 10.7  | 8.5   | 8.5   | 8.5   | 8.5   |
| 50°   | 155.8 | 32.0  | 23.5  | 14.9  | 12.8  | 8.5   | 8.5   | 6.4   | 8.5   | 8.5   | 8.5   |
| 52.5° | 113.1 | 27.8  | 21.3  | 12.8  | 10.7  | 6.4   | 6.4   | 6.4   | 6.4   | 6.4   | 6.4   |
| 55°   | 81.1  | 23.5  | 17.1  | 10.7  | 8.5   | 6.4   | 6.4   | 4.3   | 6.4   | 6.4   | 6.4   |
| 57.5° | 61.9  | 21.3  | 14.9  | 8.5   | 6.4   | 4.3   | 4.3   | 4.3   | 4.3   | 4.3   | 4.3   |
| 60°   | 49.1  | 19.2  | 14.9  | 8.5   | 6.4   | 4.3   | 4.3   | 2.1   | 4.3   | 4.3   | 4.3   |
| 62.5° | 38.4  | 14.9  | 12.8  | 8.5   | 6.4   | 4.3   | 4.3   | 2.1   | 4.3   | 4.3   | 4.3   |
| 65°   | 29.9  | 12.8  | 10.7  | 6.4   | 4.3   | 2.1   | 2.1   | 2.1   | 4.3   | 4.3   | 4.3   |
| 67.5° | 25.6  | 10.7  | 8.5   | 6.4   | 4.3   | 2.1   | 4.3   | 4.3   | 4.3   | 4.3   | 4.3   |
| 70°   | 21.3  | 10.7  | 8.5   | 6.4   | 4.3   | 2.1   | 4.3   | 4.3   | 6.4   | 6.4   | 4.3   |
| 72.5° | 17.1  | 8.5   | 6.4   | 4.3   | 4.3   | 2.1   | 4.3   | 4.3   | 6.4   | 6.4   | 4.3   |
| 75°   | 12.8  | 6.4   | 6.4   | 4.3   | 4.3   | 2.1   | 4.3   | 6.4   | 6.4   | 6.4   | 4.3   |
| 77.5° | 10.7  | 6.4   | 6.4   | 4.3   | 4.3   | 2.1   | 4.3   | 6.4   | 6.4   | 6.4   | 6.4   |
| 80°   | 8.5   | 4.3   | 4.3   | 4.3   | 2.1   | 0.0   | 4.3   | 8.5   | 8.5   | 6.4   | 6.4   |
| 82.5° | 6.4   | 4.3   | 4.3   | 4.3   | 2.1   | 0.0   | 4.3   | 8.5   | 8.5   | 6.4   | 6.4   |
| 85°   | 4.3   | 4.3   | 4.3   | 4.3   | 4.3   | 2.1   | 6.4   | 8.5   | 8.5   | 6.4   | 6.4   |
| 87.5° | 4.3   | 4.3   | 4.3   | 4.3   | 4.3   | 2.1   | 4.3   | 6.4   | 6.4   | 6.4   | 6.4   |
| 90°   | 4.3   | 4.3   | 6.4   | 6.4   | 4.3   | 2.1   | 4.3   | 6.4   | 6.4   | 6.4   | 6.4   |

REPORT NUMBER: P560540

CATALOG NUMBER: SDL-PA1-50-730-U-T2U-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 708.8 | 708.8 | 708.8 | 708.8 |
| 2.5°  | 595.6 | 599.9 | 602.0 | 597.8 |
| 5°    | 555.1 | 555.1 | 552.9 | 559.3 |
| 7.5°  | 482.5 | 469.7 | 454.7 | 444.0 |
| 10°   | 465.4 | 454.7 | 444.0 | 446.2 |
| 12.5° | 311.7 | 279.7 | 247.6 | 258.3 |
| 15°   | 158.0 | 149.4 | 140.9 | 140.9 |
| 17.5° | 93.9  | 85.4  | 74.7  | 76.9  |
| 20°   | 70.4  | 70.4  | 70.4  | 70.4  |
| 22.5° | 55.5  | 53.4  | 49.1  | 47.0  |
| 25°   | 47.0  | 47.0  | 47.0  | 47.0  |
| 27.5° | 34.2  | 34.2  | 32.0  | 29.9  |
| 30°   | 29.9  | 29.9  | 29.9  | 27.8  |
| 32.5° | 23.5  | 25.6  | 25.6  | 25.6  |
| 35°   | 21.3  | 21.3  | 21.3  | 21.3  |
| 37.5° | 19.2  | 19.2  | 17.1  | 17.1  |
| 40°   | 14.9  | 14.9  | 14.9  | 14.9  |
| 42.5° | 12.8  | 12.8  | 12.8  | 12.8  |
| 45°   | 10.7  | 10.7  | 10.7  | 10.7  |
| 47.5° | 8.5   | 8.5   | 8.5   | 8.5   |
| 50°   | 8.5   | 8.5   | 6.4   | 6.4   |
| 52.5° | 6.4   | 6.4   | 4.3   | 4.3   |
| 55°   | 4.3   | 4.3   | 4.3   | 4.3   |
| 57.5° | 4.3   | 4.3   | 2.1   | 2.1   |
| 60°   | 4.3   | 4.3   | 2.1   | 2.1   |
| 62.5° | 2.1   | 2.1   | 2.1   | 2.1   |
| 65°   | 2.1   | 2.1   | 0.0   | 0.0   |
| 67.5° | 2.1   | 2.1   | 0.0   | 0.0   |
| 70°   | 2.1   | 2.1   | 0.0   | 0.0   |
| 72.5° | 2.1   | 2.1   | 0.0   | 0.0   |
| 75°   | 2.1   | 2.1   | 0.0   | 0.0   |
| 77.5° | 4.3   | 2.1   | 0.0   | 0.0   |
| 80°   | 4.3   | 4.3   | 2.1   | 0.0   |
| 82.5° | 4.3   | 4.3   | 2.1   | 0.0   |
| 85°   | 4.3   | 4.3   | 2.1   | 0.0   |
| 87.5° | 4.3   | 4.3   | 2.1   | 0.0   |
| 90°   | 4.3   | 4.3   | 2.1   | 0.0   |



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