

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: P560895

Luminaire Tested: **SDL-PA1-70-730-U-T3-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560895  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-70-730-U-T3-HSS-A  
Description: Springdale  
(1) 70 CRI, 3000K, 930mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS,  
HOUSE SIDE SHIELD AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5398.7 lumens  
Efficiency: N/A  
Efficacy: 74.8 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 - U3 - G2

Input Watts (W): 72.2  
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

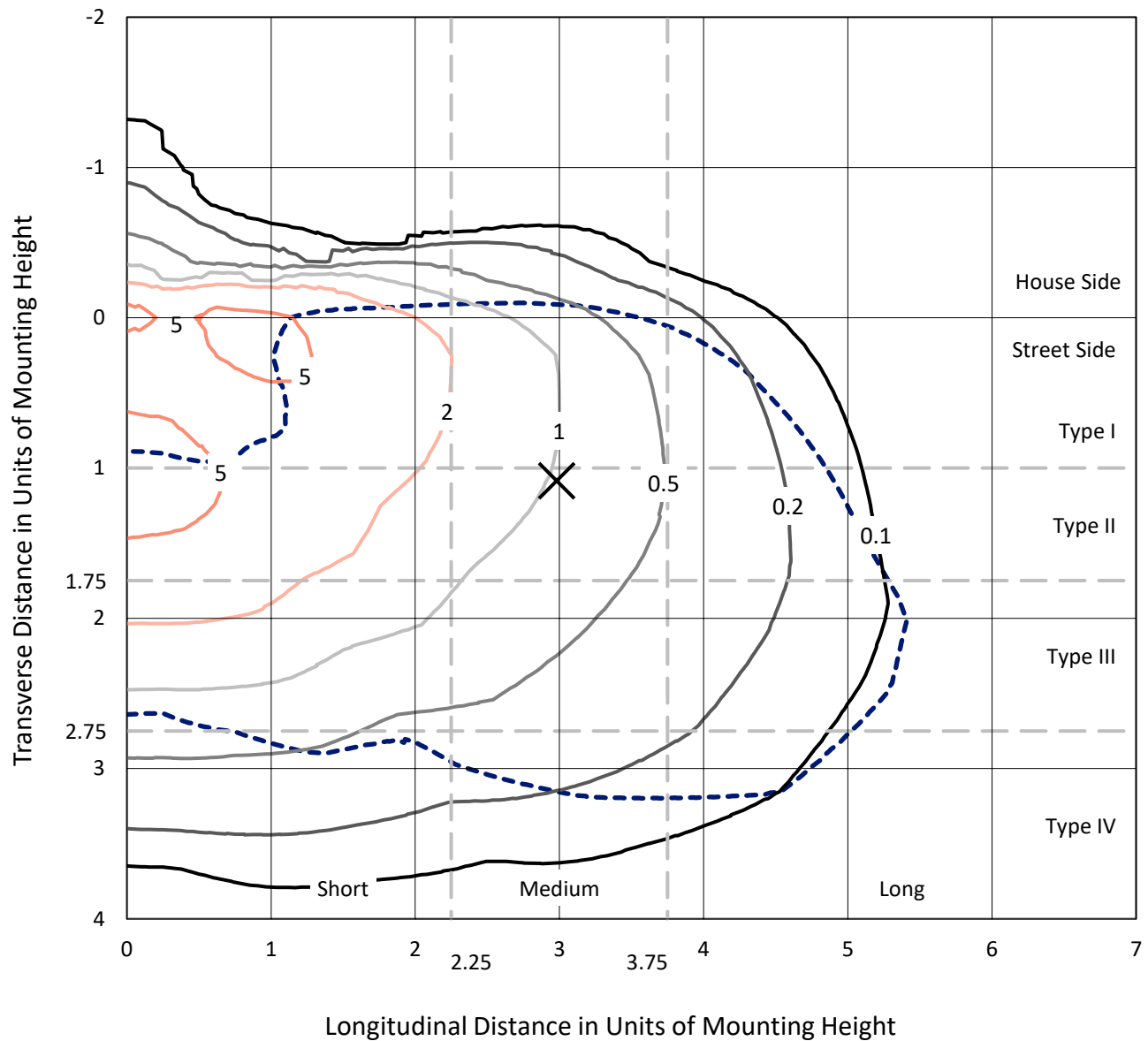


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## Iso-Footcandle Lines of Horizontal Illumination

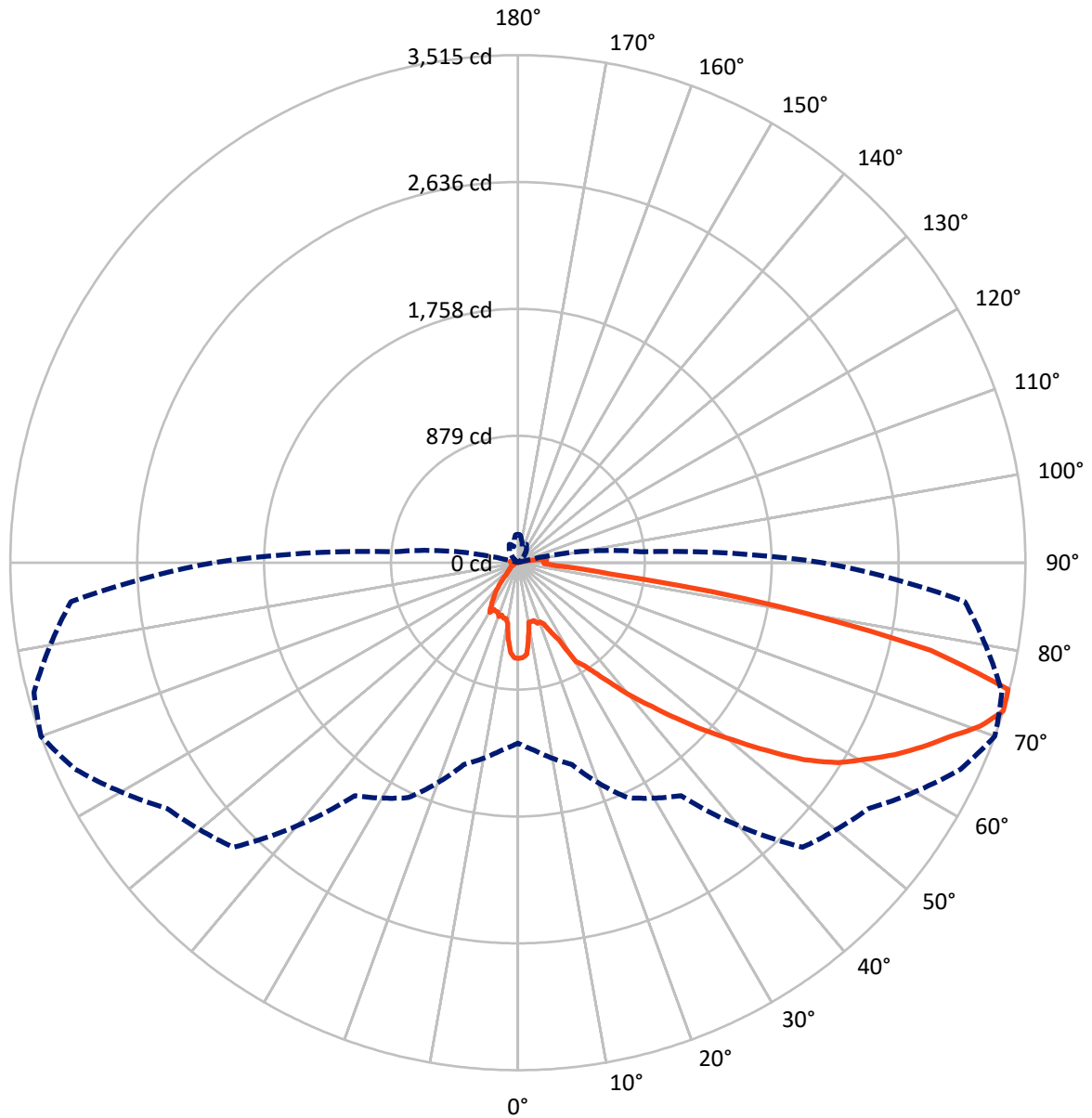
✕ Max cd  
 --- 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.7 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral    - - - Horizontal Cone Through 72.5-Deg Vertical

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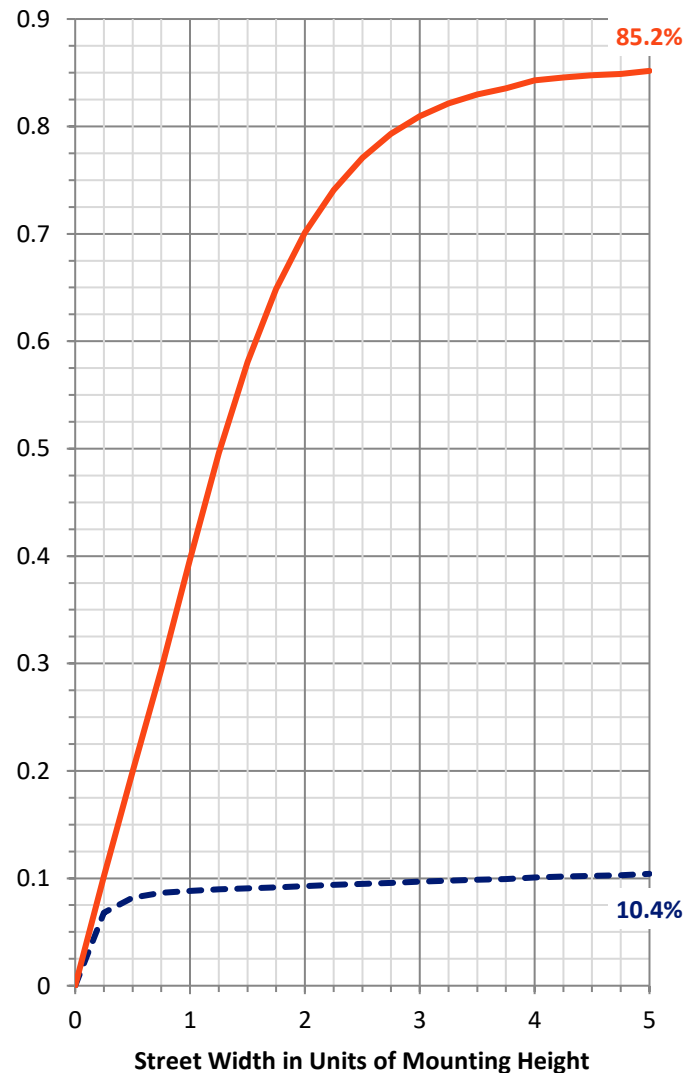
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 618.8    | 87.0   | 705.9  |
|                    | % Fixture | 11.5     | 1.6    | 13.1   |
| <b>Street Side</b> | Lumens    | 4622.4   | 70.4   | 4692.8 |
|                    | % Fixture | 85.6     | 1.3    | 86.9   |
| <b>Total</b>       | Lumens    | 5241.2   | 157.5  | 5398.7 |
|                    | % Fixture | 97.1     | 2.9    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 51.2   | 0.9       |
| 10°-20°   | 101.1  | 1.9       |
| 20°-30°   | 163.8  | 3.0       |
| 30°-40°   | 349.9  | 6.5       |
| 40°-50°   | 687.9  | 12.7      |
| 50°-60°   | 1148.8 | 21.3      |
| 60°-70°   | 1425.8 | 26.4      |
| 70°-80°   | 1098.0 | 20.3      |
| 80°-90°   | 214.7  | 4.0       |
| 90°-100°  | 116.5  | 2.2       |
| 100°-110° | 24.1   | 0.4       |
| 110°-120° | 6.8    | 0.1       |
| 120°-130° | 5.3    | 0.1       |
| 130°-140° | 2.5    | 0.0       |
| 140°-150° | 1.2    | 0.0       |
| 150°-160° | 1.1    | 0.0       |
| 160°-170° | 0.1    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 5241.2 | 97.1      |
| 0°-180°   | 5398.7 | 100.0     |



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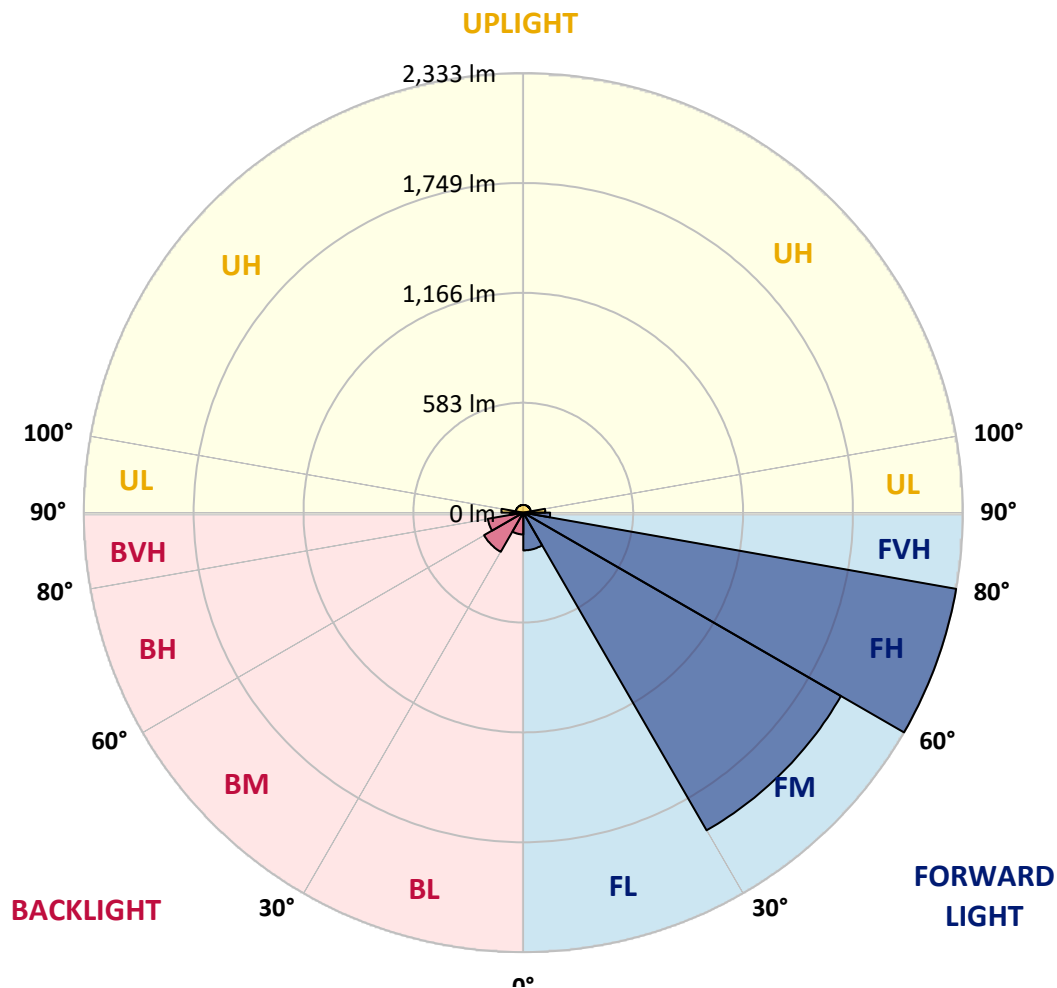
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 200.3  | 3.7       |                         |        |         |
| FM   | (30°-60°)   | 1946.7 | 36.1      |                         |        |         |
| FH   | (60°-80°)   | 2332.6 | 43.2      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 142.9  | 2.6       |                         |        | G2/225  |
| BL   | (0°-30°)    | 115.8  | 2.1       | B1/500                  |        |         |
| BM   | (30°-60°)   | 240.0  | 4.4       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 191.2  | 3.5       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 71.8   | 1.3       |                         |        | G1/100  |
| UL   | (90°-100°)  | 116.5  | 2.2       |                         | U3/500 |         |
| UH   | (100°-180°) | 41.0   | 0.8       |                         | U2/50  |         |

**BUG Rating: B1-U3-G2**

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 70°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 663.1  | 663.1  | 663.1  | 663.1  | 663.1  | 663.1  | 663.1  | 663.1  | 663.1  | 663.1  | 663.1  |
| 2.5°   | 559.2  | 621.0  | 623.8  | 629.4  | 635.0  | 643.5  | 657.5  | 657.5  | 657.5  | 657.5  | 660.3  |
| 5°     | 531.1  | 531.1  | 531.1  | 536.7  | 536.7  | 542.3  | 545.1  | 629.4  | 637.8  | 646.3  | 646.3  |
| 7.5°   | 441.2  | 483.3  | 486.1  | 503.0  | 522.6  | 531.1  | 536.7  | 531.1  | 522.6  | 556.4  | 570.4  |
| 10°    | 483.3  | 483.3  | 483.3  | 488.9  | 460.8  | 446.8  | 413.1  | 415.9  | 418.7  | 444.0  | 505.8  |
| 12.5°  | 401.8  | 427.1  | 452.4  | 480.5  | 444.0  | 399.0  | 390.6  | 413.1  | 418.7  | 373.7  | 444.0  |
| 15°    | 469.3  | 466.4  | 466.4  | 441.2  | 368.1  | 399.0  | 348.4  | 368.1  | 415.9  | 455.2  | 528.3  |
| 17.5°  | 387.8  | 376.5  | 438.3  | 432.7  | 393.4  | 314.7  | 401.8  | 399.0  | 441.2  | 407.4  | 455.2  |
| 20°    | 460.8  | 458.0  | 458.0  | 354.0  | 390.6  | 424.3  | 418.7  | 390.6  | 438.3  | 488.9  | 576.0  |
| 22.5°  | 387.8  | 382.1  | 393.4  | 424.3  | 387.8  | 438.3  | 382.1  | 483.3  | 460.8  | 446.8  | 418.7  |
| 25°    | 488.9  | 486.1  | 486.1  | 387.8  | 438.3  | 401.8  | 483.3  | 441.2  | 533.9  | 581.6  | 635.0  |
| 27.5°  | 438.3  | 438.3  | 418.7  | 449.6  | 418.7  | 505.8  | 463.6  | 556.4  | 604.1  | 635.0  | 767.1  |
| 30°    | 606.9  | 609.7  | 576.0  | 446.8  | 466.4  | 474.9  | 547.9  | 688.4  | 792.4  | 868.3  | 949.7  |
| 32.5°  | 873.9  | 857.0  | 716.5  | 609.7  | 494.5  | 587.3  | 606.9  | 800.8  | 851.4  | 932.9  | 1003.1 |
| 35°    | 1188.6 | 1180.2 | 1056.5 | 789.6  | 595.7  | 629.4  | 677.2  | 871.1  | 949.7  | 1031.2 | 1073.4 |
| 37.5°  | 1404.9 | 1396.5 | 1317.8 | 1005.9 | 719.3  | 733.4  | 739.0  | 969.4  | 1070.6 | 1152.1 | 1171.7 |
| 40°    | 1582.0 | 1567.9 | 1520.2 | 1174.5 | 885.1  | 857.0  | 828.9  | 1104.3 | 1219.5 | 1286.9 | 1295.4 |
| 42.5°  | 1848.9 | 1826.4 | 1705.6 | 1368.4 | 1053.7 | 1022.8 | 927.3  | 1222.3 | 1360.0 | 1449.9 | 1455.5 |
| 45°    | 2169.2 | 2149.6 | 1981.0 | 1638.2 | 1233.5 | 1225.1 | 1101.5 | 1374.0 | 1537.0 | 1643.8 | 1612.9 |
| 47.5°  | 2388.4 | 2335.0 | 2239.5 | 1896.7 | 1511.7 | 1438.7 | 1295.4 | 1528.6 | 1728.1 | 1888.2 | 1801.1 |
| 50°    | 2587.9 | 2548.6 | 2467.1 | 2183.3 | 1812.4 | 1714.0 | 1497.7 | 1705.6 | 1930.4 | 2076.5 | 1958.5 |
| 52.5°  | 2773.4 | 2714.4 | 2646.9 | 2396.8 | 2070.9 | 2023.1 | 1697.2 | 1882.6 | 2163.6 | 2284.4 | 2121.5 |
| 55°    | 2866.1 | 2773.4 | 2762.1 | 2590.7 | 2270.4 | 2231.1 | 1922.0 | 2101.8 | 2408.1 | 2492.4 | 2276.0 |
| 57.5°  | 2714.4 | 2711.5 | 2798.7 | 2708.7 | 2433.4 | 2413.7 | 2149.6 | 2337.8 | 2613.2 | 2652.5 | 2427.7 |
| 60°    | 2613.2 | 2616.0 | 2748.1 | 2753.7 | 2576.7 | 2587.9 | 2354.7 | 2610.4 | 2764.9 | 2790.2 | 2571.1 |
| 62.5°  | 2436.2 | 2455.8 | 2655.3 | 2784.6 | 2613.2 | 2753.7 | 2528.9 | 2798.7 | 2927.9 | 2936.3 | 2748.1 |
| 65°    | 2214.2 | 2233.9 | 2436.2 | 2700.3 | 2573.9 | 2863.3 | 2675.0 | 3009.4 | 3076.8 | 3082.5 | 2942.0 |
| 67.5°  | 1955.7 | 1964.1 | 2188.9 | 2481.1 | 2478.3 | 2902.6 | 2764.9 | 3149.9 | 3220.1 | 3237.0 | 3107.7 |
| 70°    | 1669.1 | 1657.8 | 1863.0 | 2200.1 | 2273.2 | 2882.9 | 2874.5 | 3287.6 | 3394.3 | 3391.5 | 3222.9 |
| 72.5°  | 1250.4 | 1303.8 | 1447.1 | 1795.5 | 1969.7 | 2787.4 | 2967.2 | 3383.1 | 3515.2 | 3470.2 | 3107.7 |
| 75°    | 427.1  | 455.2  | 843.0  | 1143.6 | 1517.3 | 2531.7 | 2986.9 | 3388.7 | 3506.7 | 3307.2 | 2543.0 |
| 77.5°  | 140.5  | 132.1  | 188.3  | 455.2  | 843.0  | 1753.4 | 2627.2 | 2956.0 | 2925.1 | 2571.1 | 1562.3 |
| 80°    | 67.4   | 70.2   | 84.3   | 160.2  | 309.1  | 795.2  | 1649.4 | 1871.4 | 1829.2 | 1348.7 | 677.2  |
| 82.5°  | 45.0   | 47.8   | 56.2   | 92.7   | 174.2  | 272.6  | 876.7  | 854.2  | 646.3  | 424.3  | 278.2  |
| 85°    | 19.7   | 19.7   | 28.1   | 47.8   | 106.8  | 179.8  | 334.4  | 292.2  | 264.1  | 244.5  | 227.6  |
| 87.5°  | 5.6    | 5.6    | 11.2   | 16.9   | 36.5   | 112.4  | 188.3  | 177.0  | 182.6  | 191.1  | 216.4  |
| 90°    | 5.6    | 5.6    | 5.6    | 5.6    | 28.1   | 118.0  | 191.1  | 179.8  | 179.8  | 191.1  | 227.6  |
| 92.5°  | 8.4    | 8.4    | 5.6    | 5.6    | 25.3   | 118.0  | 199.5  | 171.4  | 182.6  | 193.9  | 244.5  |
| 95°    | 8.4    | 11.2   | 5.6    | 2.8    | 19.7   | 120.8  | 205.1  | 182.6  | 199.5  | 196.7  | 261.3  |
| 97.5°  | 11.2   | 11.2   | 5.6    | 2.8    | 11.2   | 104.0  | 207.9  | 148.9  | 151.7  | 140.5  | 205.1  |
| 100°   | 14.0   | 14.0   | 5.6    | 5.6    | 8.4    | 53.4   | 154.5  | 95.5   | 59.0   | 45.0   | 67.4   |
| 102.5° | 16.9   | 16.9   | 5.6    | 5.6    | 5.6    | 19.7   | 70.2   | 56.2   | 30.9   | 8.4    | 16.9   |
| 105°   | 16.9   | 19.7   | 5.6    | 5.6    | 2.8    | 8.4    | 30.9   | 22.5   | 11.2   | 8.4    | 16.9   |
| 107.5° | 19.7   | 19.7   | 5.6    | 5.6    | 2.8    | 5.6    | 8.4    | 8.4    | 5.6    | 8.4    | 16.9   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75°  | 85°  |
|--------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|
| 112.5° | 14.0 | 14.0 | 5.6 | 8.4 | 2.8 | 2.8 | 2.8 | 5.6 | 5.6 | 8.4  | 16.9 |
| 115°   | 8.4  | 5.6  | 2.8 | 5.6 | 2.8 | 2.8 | 2.8 | 5.6 | 5.6 | 5.6  | 14.0 |
| 117.5° | 2.8  | 2.8  | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6 | 5.6 | 8.4  | 16.9 |
| 120°   | 2.8  | 2.8  | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6 | 5.6 | 11.2 | 19.7 |
| 122.5° | 2.8  | 2.8  | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6 | 11.2 | 22.5 |
| 125°   | 2.8  | 2.8  | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6 | 8.4  | 19.7 |
| 127.5° | 2.8  | 2.8  | 2.8 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6 | 8.4  | 16.9 |
| 130°   | 2.8  | 2.8  | 2.8 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6  | 11.2 |
| 132.5° | 2.8  | 2.8  | 2.8 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6  | 11.2 |
| 135°   | 2.8  | 2.8  | 2.8 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8  | 5.6  |
| 137.5° | 2.8  | 2.8  | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8  | 2.8  |
| 140°   | 0.0  | 0.0  | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8  | 2.8  |
| 142.5° | 0.0  | 0.0  | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8  | 2.8  |
| 145°   | 0.0  | 0.0  | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8  | 2.8  |
| 147.5° | 0.0  | 0.0  | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8  | 2.8  |
| 150°   | 5.6  | 5.6  | 5.6 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8  | 2.8  |
| 152.5° | 5.6  | 5.6  | 5.6 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6 | 5.6 | 2.8  | 2.8  |
| 155°   | 2.8  | 2.8  | 2.8 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 5.6  | 5.6  |
| 157.5° | 0.0  | 2.8  | 2.8 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8  | 2.8  |
| 160°   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8  | 2.8  |
| 162.5° | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 180°   | 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):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 663.1  | 663.1  | 663.1 | 663.1 | 663.1 | 663.1 | 663.1 | 663.1 | 663.1 | 663.1 | 663.1 |
| 2.5°   | 660.3  | 660.3  | 657.5 | 663.1 | 660.3 | 660.3 | 623.8 | 587.3 | 578.8 | 581.6 | 587.3 |
| 5°     | 649.1  | 649.1  | 649.1 | 604.1 | 553.5 | 536.7 | 542.3 | 542.3 | 542.3 | 539.5 | 545.1 |
| 7.5°   | 573.2  | 570.4  | 562.0 | 511.4 | 533.9 | 531.1 | 528.3 | 522.6 | 455.2 | 438.3 | 438.3 |
| 10°    | 508.6  | 508.6  | 435.5 | 415.9 | 415.9 | 432.7 | 444.0 | 427.1 | 418.7 | 404.6 | 401.8 |
| 12.5°  | 446.8  | 446.8  | 373.7 | 415.9 | 351.2 | 348.4 | 340.0 | 311.9 | 264.1 | 230.4 | 233.2 |
| 15°    | 531.1  | 531.1  | 441.2 | 354.0 | 295.0 | 278.2 | 174.2 | 163.0 | 157.4 | 154.5 | 151.7 |
| 17.5°  | 452.4  | 455.2  | 407.4 | 351.2 | 275.4 | 146.1 | 123.6 | 123.6 | 123.6 | 118.0 | 106.8 |
| 20°    | 573.2  | 573.2  | 474.9 | 314.7 | 207.9 | 115.2 | 95.5  | 84.3  | 115.2 | 115.2 | 115.2 |
| 22.5°  | 415.9  | 410.2  | 418.7 | 320.3 | 129.3 | 92.7  | 78.7  | 98.3  | 104.0 | 87.1  | 87.1  |
| 25°    | 629.4  | 621.0  | 508.6 | 230.4 | 106.8 | 73.1  | 87.1  | 75.9  | 98.3  | 98.3  | 98.3  |
| 27.5°  | 775.5  | 719.3  | 517.0 | 210.7 | 78.7  | 84.3  | 70.2  | 84.3  | 75.9  | 73.1  | 73.1  |
| 30°    | 932.9  | 907.6  | 623.8 | 165.8 | 75.9  | 70.2  | 73.1  | 67.4  | 78.7  | 73.1  | 73.1  |
| 32.5°  | 983.5  | 958.2  | 564.8 | 129.3 | 73.1  | 67.4  | 61.8  | 64.6  | 61.8  | 64.6  | 64.6  |
| 35°    | 1048.1 | 1022.8 | 500.2 | 98.3  | 67.4  | 59.0  | 56.2  | 56.2  | 53.4  | 50.6  | 50.6  |
| 37.5°  | 1140.8 | 1098.7 | 427.1 | 84.3  | 61.8  | 53.4  | 45.0  | 42.1  | 45.0  | 56.2  | 59.0  |
| 40°    | 1247.6 | 1177.3 | 337.2 | 75.9  | 53.4  | 45.0  | 33.7  | 39.3  | 47.8  | 47.8  | 47.8  |
| 42.5°  | 1402.1 | 1272.9 | 250.1 | 70.2  | 47.8  | 36.5  | 25.3  | 30.9  | 36.5  | 50.6  | 50.6  |
| 45°    | 1537.0 | 1329.1 | 177.0 | 64.6  | 39.3  | 28.1  | 19.7  | 30.9  | 39.3  | 45.0  | 45.0  |
| 47.5°  | 1694.4 | 1382.5 | 132.1 | 61.8  | 36.5  | 19.7  | 22.5  | 30.9  | 30.9  | 47.8  | 47.8  |
| 50°    | 1826.4 | 1393.7 | 106.8 | 56.2  | 28.1  | 14.0  | 28.1  | 28.1  | 33.7  | 42.1  | 42.1  |
| 52.5°  | 1950.1 | 1404.9 | 95.5  | 50.6  | 22.5  | 11.2  | 28.1  | 28.1  | 39.3  | 50.6  | 50.6  |
| 55°    | 2031.6 | 1371.2 | 87.1  | 45.0  | 19.7  | 8.4   | 30.9  | 30.9  | 30.9  | 39.3  | 39.3  |
| 57.5°  | 2096.2 | 1329.1 | 81.5  | 39.3  | 16.9  | 16.9  | 33.7  | 39.3  | 33.7  | 39.3  | 39.3  |
| 60°    | 2138.3 | 1253.2 | 70.2  | 36.5  | 14.0  | 16.9  | 42.1  | 50.6  | 39.3  | 59.0  | 59.0  |
| 62.5°  | 2214.2 | 1194.2 | 61.8  | 33.7  | 11.2  | 16.9  | 42.1  | 64.6  | 50.6  | 78.7  | 81.5  |
| 65°    | 2276.0 | 1140.8 | 53.4  | 25.3  | 11.2  | 22.5  | 47.8  | 81.5  | 61.8  | 98.3  | 101.2 |
| 67.5°  | 2301.3 | 1076.2 | 45.0  | 22.5  | 11.2  | 25.3  | 61.8  | 101.2 | 78.7  | 115.2 | 115.2 |
| 70°    | 2281.6 | 1008.8 | 36.5  | 22.5  | 11.2  | 39.3  | 81.5  | 118.0 | 95.5  | 140.5 | 143.3 |
| 72.5°  | 2110.2 | 859.8  | 28.1  | 22.5  | 8.4   | 42.1  | 101.2 | 140.5 | 115.2 | 191.1 | 196.7 |
| 75°    | 1615.7 | 545.1  | 28.1  | 22.5  | 11.2  | 47.8  | 118.0 | 163.0 | 137.7 | 213.6 | 222.0 |
| 77.5°  | 986.3  | 252.9  | 28.1  | 25.3  | 14.0  | 59.0  | 129.3 | 188.3 | 151.7 | 230.4 | 236.0 |
| 80°    | 438.3  | 157.4  | 28.1  | 28.1  | 28.1  | 73.1  | 151.7 | 207.9 | 171.4 | 244.5 | 252.9 |
| 82.5°  | 219.2  | 118.0  | 25.3  | 28.1  | 42.1  | 87.1  | 179.8 | 222.0 | 177.0 | 252.9 | 255.7 |
| 85°    | 188.3  | 106.8  | 25.3  | 30.9  | 45.0  | 101.2 | 193.9 | 224.8 | 185.5 | 250.1 | 252.9 |
| 87.5°  | 179.8  | 101.2  | 30.9  | 30.9  | 50.6  | 106.8 | 199.5 | 236.0 | 191.1 | 241.7 | 238.8 |
| 90°    | 188.3  | 98.3   | 33.7  | 36.5  | 64.6  | 109.6 | 202.3 | 230.4 | 191.1 | 227.6 | 227.6 |
| 92.5°  | 193.9  | 95.5   | 36.5  | 42.1  | 78.7  | 123.6 | 199.5 | 224.8 | 191.1 | 210.7 | 210.7 |
| 95°    | 199.5  | 95.5   | 42.1  | 47.8  | 78.7  | 134.9 | 191.1 | 205.1 | 177.0 | 188.3 | 185.5 |
| 97.5°  | 151.7  | 70.2   | 50.6  | 53.4  | 73.1  | 104.0 | 154.5 | 160.2 | 115.2 | 112.4 | 109.6 |
| 100°   | 53.4   | 30.9   | 50.6  | 59.0  | 45.0  | 45.0  | 92.7  | 112.4 | 67.4  | 42.1  | 47.8  |
| 102.5° | 16.9   | 14.0   | 45.0  | 59.0  | 36.5  | 16.9  | 47.8  | 70.2  | 50.6  | 5.6   | 5.6   |
| 105°   | 16.9   | 16.9   | 25.3  | 47.8  | 25.3  | 5.6   | 16.9  | 39.3  | 30.9  | 5.6   | 5.6   |
| 107.5° | 16.9   | 14.0   | 11.2  | 28.1  | 8.4   | 5.6   | 8.4   | 8.4   | 8.4   | 2.8   | 5.6   |



REPORT NUMBER: P560895

CATALOG NUMBER: SDL-PA1-70-730-U-T3-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 19.7 | 14.0 | 5.6  | 8.4  | 5.6  | 5.6  | 5.6  | 2.8  | 5.6  | 14.0 | 16.9 |
| 115°   | 16.9 | 14.0 | 5.6  | 5.6  | 5.6  | 5.6  | 2.8  | 2.8  | 5.6  | 16.9 | 16.9 |
| 117.5° | 19.7 | 16.9 | 5.6  | 5.6  | 2.8  | 5.6  | 2.8  | 2.8  | 5.6  | 16.9 | 19.7 |
| 120°   | 22.5 | 19.7 | 5.6  | 5.6  | 2.8  | 2.8  | 2.8  | 2.8  | 5.6  | 14.0 | 16.9 |
| 122.5° | 22.5 | 22.5 | 5.6  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 8.4  | 14.0 | 14.0 |
| 125°   | 19.7 | 19.7 | 5.6  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 8.4  | 14.0 | 14.0 |
| 127.5° | 16.9 | 16.9 | 5.6  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 5.6  | 11.2 | 14.0 |
| 130°   | 14.0 | 14.0 | 5.6  | 2.8  | 2.8  | 2.8  | 0.0  | 2.8  | 5.6  | 11.2 | 11.2 |
| 132.5° | 11.2 | 8.4  | 5.6  | 2.8  | 2.8  | 2.8  | 0.0  | 2.8  | 5.6  | 8.4  | 11.2 |
| 135°   | 8.4  | 8.4  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 5.6  | 5.6  | 8.4  |
| 137.5° | 5.6  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 2.8  | 5.6  | 5.6  |
| 140°   | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 2.8  | 2.8  |
| 142.5° | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 2.8  | 2.8  |
| 145°   | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 2.8  | 2.8  |
| 147.5° | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 2.8  | 2.8  |
| 150°   | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 2.8  | 2.8  |
| 152.5° | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 2.8  | 2.8  | 2.8  |
| 155°   | 5.6  | 5.6  | 5.6  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 2.8  | 2.8  |
| 157.5° | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 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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110° | 19.7 19.7 8.4 5.6 2.8 5.6 2.8 5.6 5.6 8.4 19.7





|      |      |      |     |     |     |     |     |     |     |      |      |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|
| 110° | 19.7 | 14.0 | 5.6 | 8.4 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 11.2 | 11.2 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|------|------|



(END OF REPORT)