

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: P560433

Luminaire Tested: **SDL-PA1-40-760-U-T3-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560433  
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-PA1-40-760-U-T3-HSS-A  
Description: Springdale  
(1) 70 CRI, 5700K, 500mA 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: 3458.5 lumens  
Efficiency: N/A  
Efficacy: 87.8 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 - G1

Input Watts (W): 39.4  
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

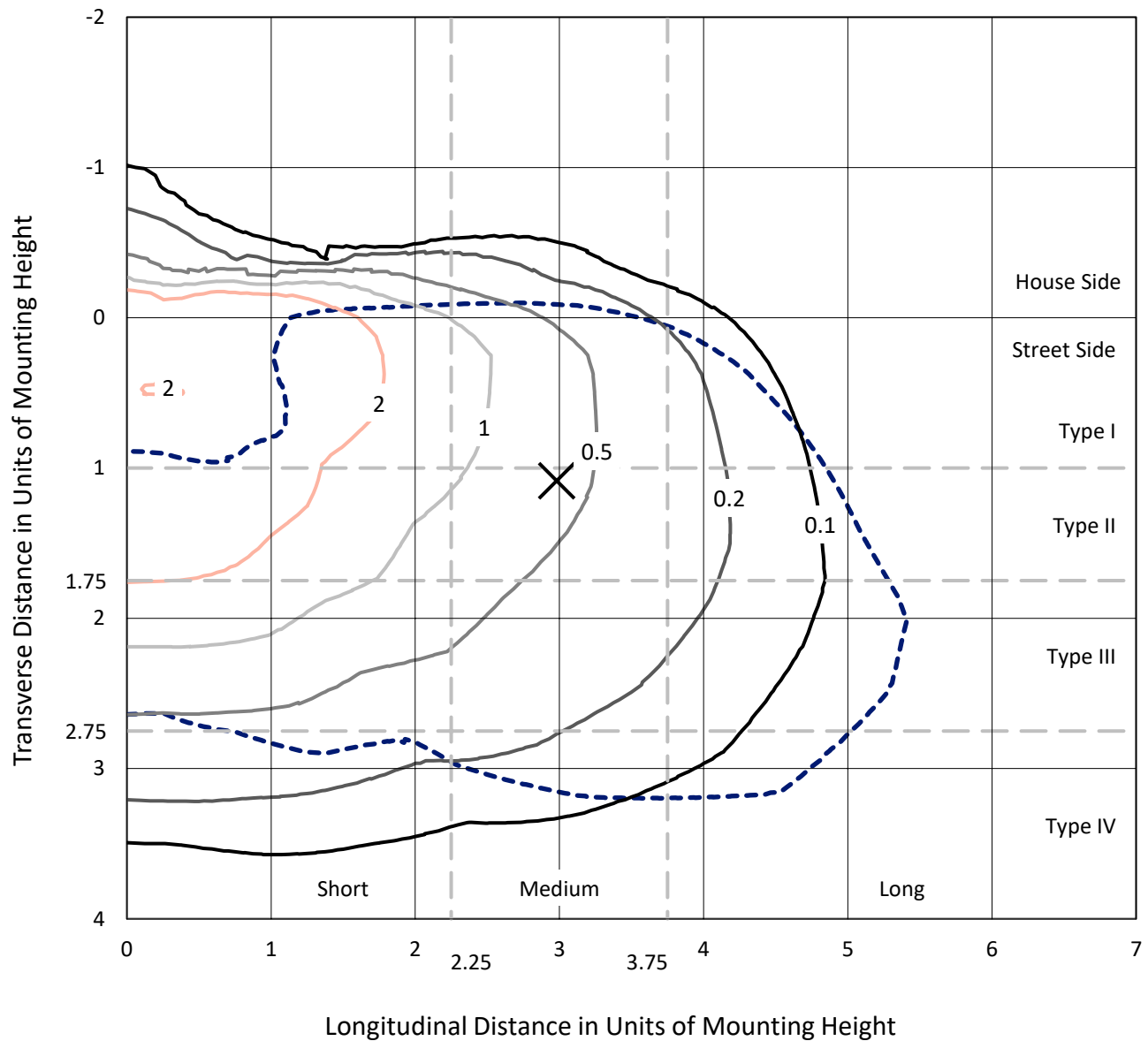


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## Iso-Footcandle Lines of Horizontal Illumination

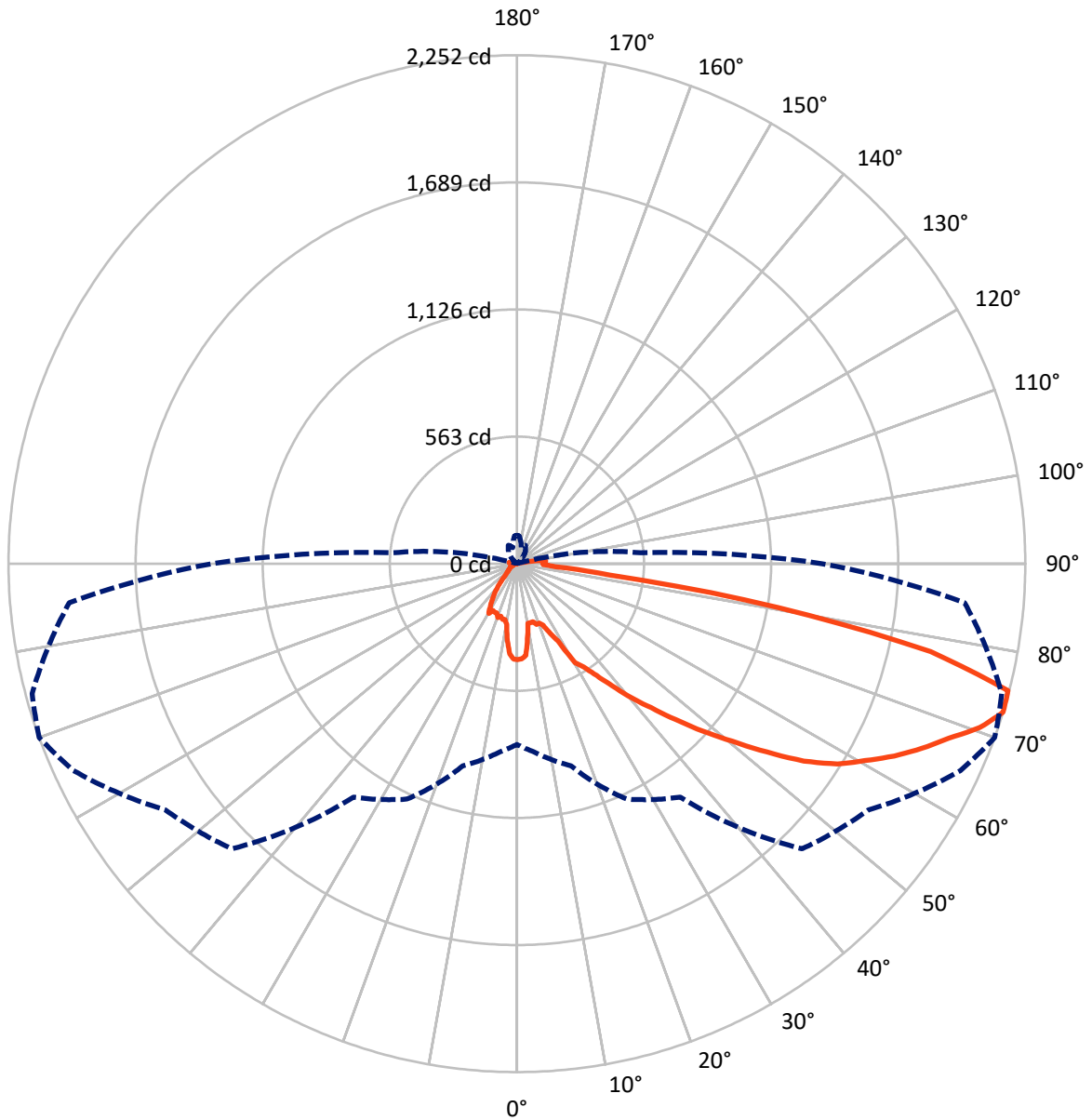
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.9 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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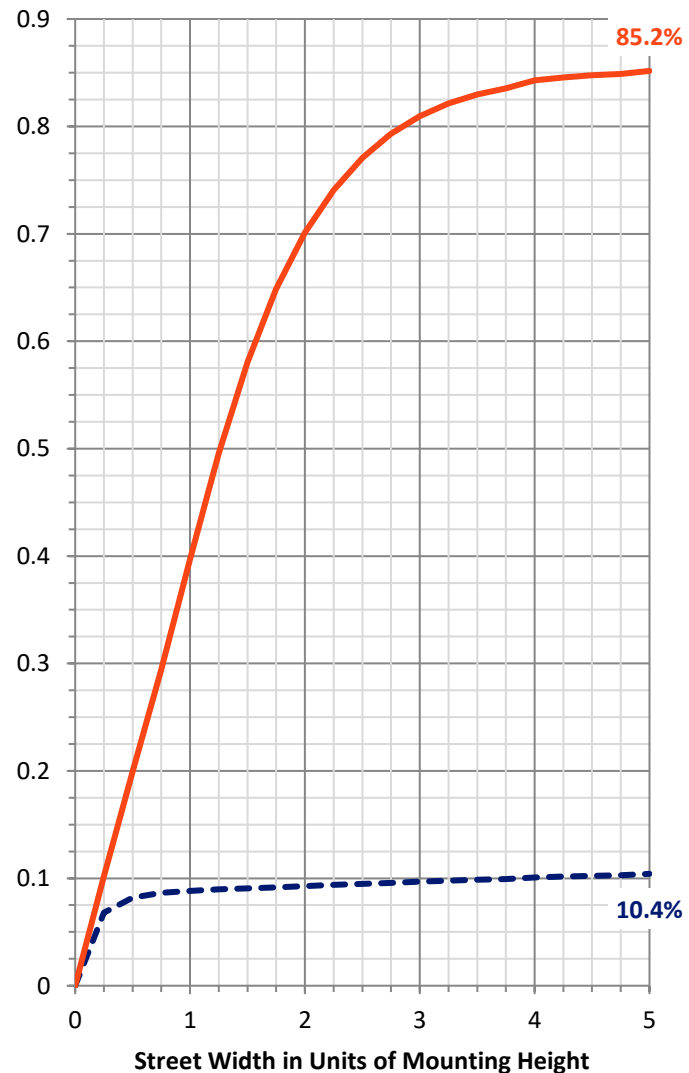
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 396.4    | 55.8   | 452.2  |
|                    | % Fixture | 11.5     | 1.6    | 13.1   |
| <b>Street Side</b> | Lumens    | 2961.2   | 45.1   | 3006.3 |
|                    | % Fixture | 85.6     | 1.3    | 86.9   |
| <b>Total</b>       | Lumens    | 3357.6   | 100.9  | 3458.5 |
|                    | % Fixture | 97.1     | 2.9    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 32.8   | 0.9       |
| 10°-20°   | 64.8   | 1.9       |
| 20°-30°   | 104.9  | 3.0       |
| 30°-40°   | 224.2  | 6.5       |
| 40°-50°   | 440.7  | 12.7      |
| 50°-60°   | 735.9  | 21.3      |
| 60°-70°   | 913.4  | 26.4      |
| 70°-80°   | 703.4  | 20.3      |
| 80°-90°   | 137.5  | 4.0       |
| 90°-100°  | 74.6   | 2.2       |
| 100°-110° | 15.4   | 0.4       |
| 110°-120° | 4.4    | 0.1       |
| 120°-130° | 3.4    | 0.1       |
| 130°-140° | 1.6    | 0.0       |
| 140°-150° | 0.7    | 0.0       |
| 150°-160° | 0.7    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 3357.6 | 97.1      |
| 0°-180°   | 3458.5 | 100.0     |



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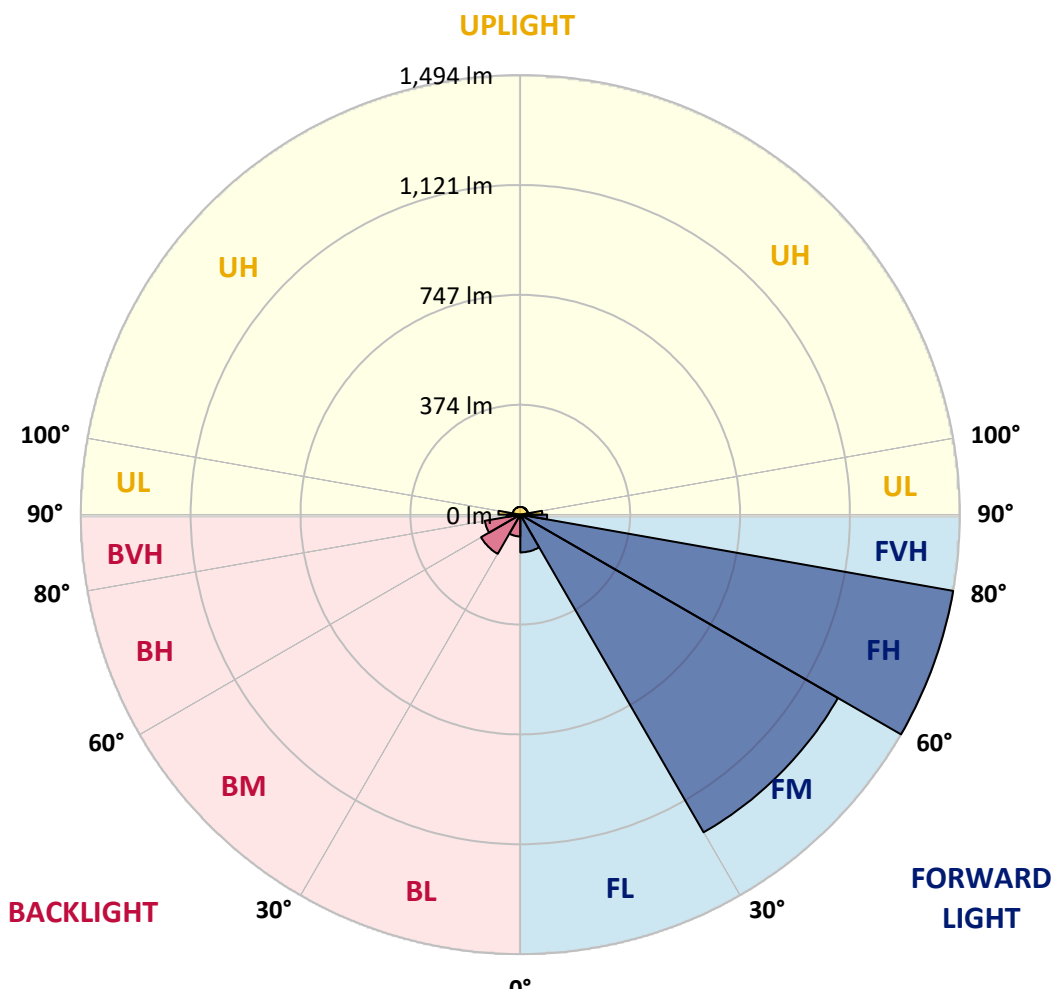
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 128.3  | 3.7       |                         |        |         |
| FM   | (30°-60°)   | 1247.1 | 36.1      |                         |        |         |
| FH   | (60°-80°)   | 1494.3 | 43.2      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 91.5   | 2.6       |                         |        | G1/100  |
| BL   | (0°-30°)    | 74.2   | 2.1       | B0/110                  |        |         |
| BM   | (30°-60°)   | 153.7  | 4.4       | B0/220                  |        |         |
| BH   | (60°-80°)   | 122.5  | 3.5       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 46.0   | 1.3       |                         |        | G1/100  |
| UL   | (90°-100°)  | 74.6   | 2.2       |                         | U3/500 |         |
| UH   | (100°-180°) | 26.3   | 0.8       |                         | U2/50  |         |

**BUG Rating: B1-U3-G1**

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 70°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 424.8  | 424.8  | 424.8  | 424.8  | 424.8  | 424.8  | 424.8  | 424.8  | 424.8  | 424.8  | 424.8  |
| 2.5°   | 358.2  | 397.8  | 399.6  | 403.2  | 406.8  | 412.2  | 421.2  | 421.2  | 421.2  | 421.2  | 423.0  |
| 5°     | 340.2  | 340.2  | 340.2  | 343.8  | 343.8  | 347.4  | 349.2  | 403.2  | 408.6  | 414.0  | 414.0  |
| 7.5°   | 282.6  | 309.6  | 311.4  | 322.2  | 334.8  | 340.2  | 343.8  | 340.2  | 334.8  | 356.4  | 365.4  |
| 10°    | 309.6  | 309.6  | 309.6  | 313.2  | 295.2  | 286.2  | 264.6  | 266.4  | 268.2  | 284.4  | 324.0  |
| 12.5°  | 257.4  | 273.6  | 289.8  | 307.8  | 284.4  | 255.6  | 250.2  | 264.6  | 268.2  | 239.4  | 284.4  |
| 15°    | 300.6  | 298.8  | 298.8  | 282.6  | 235.8  | 255.6  | 223.2  | 235.8  | 266.4  | 291.6  | 338.4  |
| 17.5°  | 248.4  | 241.2  | 280.8  | 277.2  | 252.0  | 201.6  | 257.4  | 255.6  | 282.6  | 261.0  | 291.6  |
| 20°    | 295.2  | 293.4  | 293.4  | 226.8  | 250.2  | 271.8  | 268.2  | 250.2  | 280.8  | 313.2  | 369.0  |
| 22.5°  | 248.4  | 244.8  | 252.0  | 271.8  | 248.4  | 280.8  | 244.8  | 309.6  | 295.2  | 286.2  | 268.2  |
| 25°    | 313.2  | 311.4  | 311.4  | 248.4  | 280.8  | 257.4  | 309.6  | 282.6  | 342.0  | 372.6  | 406.8  |
| 27.5°  | 280.8  | 280.8  | 268.2  | 288.0  | 268.2  | 324.0  | 297.0  | 356.4  | 387.0  | 406.8  | 491.4  |
| 30°    | 388.8  | 390.6  | 369.0  | 286.2  | 298.8  | 304.2  | 351.0  | 441.0  | 507.6  | 556.2  | 608.4  |
| 32.5°  | 559.8  | 549.0  | 459.0  | 390.6  | 316.8  | 376.2  | 388.8  | 513.0  | 545.4  | 597.6  | 642.6  |
| 35°    | 761.4  | 756.0  | 676.8  | 505.8  | 381.6  | 403.2  | 433.8  | 558.0  | 608.4  | 660.6  | 687.6  |
| 37.5°  | 900.0  | 894.6  | 844.2  | 644.4  | 460.8  | 469.8  | 473.4  | 621.0  | 685.8  | 738.0  | 750.6  |
| 40°    | 1013.4 | 1004.4 | 973.8  | 752.4  | 567.0  | 549.0  | 531.0  | 707.4  | 781.2  | 824.4  | 829.8  |
| 42.5°  | 1184.4 | 1170.0 | 1092.6 | 876.6  | 675.0  | 655.2  | 594.0  | 783.0  | 871.2  | 928.8  | 932.4  |
| 45°    | 1389.6 | 1377.0 | 1269.0 | 1049.4 | 790.2  | 784.8  | 705.6  | 880.2  | 984.6  | 1053.0 | 1033.2 |
| 47.5°  | 1530.1 | 1495.9 | 1434.7 | 1215.0 | 968.4  | 921.6  | 829.8  | 979.2  | 1107.0 | 1209.6 | 1153.8 |
| 50°    | 1657.9 | 1632.7 | 1580.5 | 1398.6 | 1161.0 | 1098.0 | 959.4  | 1092.6 | 1236.6 | 1330.2 | 1254.6 |
| 52.5°  | 1776.7 | 1738.9 | 1695.7 | 1535.5 | 1326.6 | 1296.0 | 1087.2 | 1206.0 | 1386.0 | 1463.5 | 1359.0 |
| 55°    | 1836.1 | 1776.7 | 1769.5 | 1659.7 | 1454.5 | 1429.3 | 1231.2 | 1346.4 | 1542.7 | 1596.7 | 1458.1 |
| 57.5°  | 1738.9 | 1737.1 | 1792.9 | 1735.3 | 1558.9 | 1546.3 | 1377.0 | 1497.7 | 1674.1 | 1699.3 | 1555.3 |
| 60°    | 1674.1 | 1675.9 | 1760.5 | 1764.1 | 1650.7 | 1657.9 | 1508.5 | 1672.3 | 1771.3 | 1787.5 | 1647.1 |
| 62.5°  | 1560.7 | 1573.3 | 1701.1 | 1783.9 | 1674.1 | 1764.1 | 1620.1 | 1792.9 | 1875.7 | 1881.1 | 1760.5 |
| 65°    | 1418.4 | 1431.1 | 1560.7 | 1729.9 | 1648.9 | 1834.3 | 1713.7 | 1927.9 | 1971.1 | 1974.7 | 1884.7 |
| 67.5°  | 1252.8 | 1258.2 | 1402.2 | 1589.5 | 1587.7 | 1859.5 | 1771.3 | 2017.9 | 2062.9 | 2073.7 | 1990.9 |
| 70°    | 1069.2 | 1062.0 | 1193.4 | 1409.4 | 1456.3 | 1846.9 | 1841.5 | 2106.1 | 2174.5 | 2172.7 | 2064.7 |
| 72.5°  | 801.0  | 835.2  | 927.0  | 1150.2 | 1261.8 | 1785.7 | 1900.9 | 2167.3 | 2251.9 | 2223.1 | 1990.9 |
| 75°    | 273.6  | 291.6  | 540.0  | 732.6  | 972.0  | 1621.9 | 1913.5 | 2170.9 | 2246.5 | 2118.7 | 1629.1 |
| 77.5°  | 90.0   | 84.6   | 120.6  | 291.6  | 540.0  | 1123.2 | 1683.1 | 1893.7 | 1873.9 | 1647.1 | 1000.8 |
| 80°    | 43.2   | 45.0   | 54.0   | 102.6  | 198.0  | 509.4  | 1056.6 | 1198.8 | 1171.8 | 864.0  | 433.8  |
| 82.5°  | 28.8   | 30.6   | 36.0   | 59.4   | 111.6  | 174.6  | 561.6  | 547.2  | 414.0  | 271.8  | 178.2  |
| 85°    | 12.6   | 12.6   | 18.0   | 30.6   | 68.4   | 115.2  | 214.2  | 187.2  | 169.2  | 156.6  | 145.8  |
| 87.5°  | 3.6    | 3.6    | 7.2    | 10.8   | 23.4   | 72.0   | 120.6  | 113.4  | 117.0  | 122.4  | 138.6  |
| 90°    | 3.6    | 3.6    | 3.6    | 3.6    | 18.0   | 75.6   | 122.4  | 115.2  | 115.2  | 122.4  | 145.8  |
| 92.5°  | 5.4    | 5.4    | 3.6    | 3.6    | 16.2   | 75.6   | 127.8  | 109.8  | 117.0  | 124.2  | 156.6  |
| 95°    | 5.4    | 7.2    | 3.6    | 1.8    | 12.6   | 77.4   | 131.4  | 117.0  | 127.8  | 126.0  | 167.4  |
| 97.5°  | 7.2    | 7.2    | 3.6    | 1.8    | 7.2    | 66.6   | 133.2  | 95.4   | 97.2   | 90.0   | 131.4  |
| 100°   | 9.0    | 9.0    | 3.6    | 3.6    | 5.4    | 34.2   | 99.0   | 61.2   | 37.8   | 28.8   | 43.2   |
| 102.5° | 10.8   | 10.8   | 3.6    | 3.6    | 3.6    | 12.6   | 45.0   | 36.0   | 19.8   | 5.4    | 10.8   |
| 105°   | 10.8   | 12.6   | 3.6    | 3.6    | 1.8    | 5.4    | 19.8   | 14.4   | 7.2    | 5.4    | 10.8   |
| 107.5° | 12.6   | 12.6   | 3.6    | 3.6    | 1.8    | 3.6    | 5.4    | 5.4    | 3.6    | 5.4    | 10.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 85°  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 112.5° | 9.0 | 9.0 | 3.6 | 5.4 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 5.4 | 10.8 |
| 115°   | 5.4 | 3.6 | 1.8 | 3.6 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 3.6 | 9.0  |
| 117.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 5.4 | 10.8 |
| 120°   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 7.2 | 12.6 |
| 122.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 7.2 | 14.4 |
| 125°   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 5.4 | 12.6 |
| 127.5° | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 5.4 | 10.8 |
| 130°   | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 7.2  |
| 132.5° | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 7.2  |
| 135°   | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6  |
| 137.5° | 1.8 | 1.8 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  |
| 147.5° | 0.0 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  |
| 150°   | 3.6 | 3.6 | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  |
| 152.5° | 3.6 | 3.6 | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6 | 1.8 | 1.8  |
| 155°   | 1.8 | 1.8 | 1.8 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6  |
| 157.5° | 0.0 | 1.8 | 1.8 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8  |
| 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°     | 424.8  | 424.8 | 424.8 | 424.8 | 424.8 | 424.8 | 424.8 | 424.8 | 424.8 | 424.8 | 424.8 |
| 2.5°   | 423.0  | 423.0 | 421.2 | 424.8 | 423.0 | 423.0 | 399.6 | 376.2 | 370.8 | 372.6 | 376.2 |
| 5°     | 415.8  | 415.8 | 415.8 | 387.0 | 354.6 | 343.8 | 347.4 | 347.4 | 347.4 | 345.6 | 349.2 |
| 7.5°   | 367.2  | 365.4 | 360.0 | 327.6 | 342.0 | 340.2 | 338.4 | 334.8 | 291.6 | 280.8 | 280.8 |
| 10°    | 325.8  | 325.8 | 279.0 | 266.4 | 266.4 | 277.2 | 284.4 | 273.6 | 268.2 | 259.2 | 257.4 |
| 12.5°  | 286.2  | 286.2 | 239.4 | 266.4 | 225.0 | 223.2 | 217.8 | 199.8 | 169.2 | 147.6 | 149.4 |
| 15°    | 340.2  | 340.2 | 282.6 | 226.8 | 189.0 | 178.2 | 111.6 | 104.4 | 100.8 | 99.0  | 97.2  |
| 17.5°  | 289.8  | 291.6 | 261.0 | 225.0 | 176.4 | 93.6  | 79.2  | 79.2  | 79.2  | 75.6  | 68.4  |
| 20°    | 367.2  | 367.2 | 304.2 | 201.6 | 133.2 | 73.8  | 61.2  | 54.0  | 73.8  | 73.8  | 73.8  |
| 22.5°  | 266.4  | 262.8 | 268.2 | 205.2 | 82.8  | 59.4  | 50.4  | 63.0  | 66.6  | 55.8  | 55.8  |
| 25°    | 403.2  | 397.8 | 325.8 | 147.6 | 68.4  | 46.8  | 55.8  | 48.6  | 63.0  | 63.0  | 63.0  |
| 27.5°  | 496.8  | 460.8 | 331.2 | 135.0 | 50.4  | 54.0  | 45.0  | 54.0  | 48.6  | 46.8  | 46.8  |
| 30°    | 597.6  | 581.4 | 399.6 | 106.2 | 48.6  | 45.0  | 46.8  | 43.2  | 50.4  | 46.8  | 46.8  |
| 32.5°  | 630.0  | 613.8 | 361.8 | 82.8  | 46.8  | 43.2  | 39.6  | 41.4  | 39.6  | 41.4  | 41.4  |
| 35°    | 671.4  | 655.2 | 320.4 | 63.0  | 43.2  | 37.8  | 36.0  | 36.0  | 34.2  | 32.4  | 32.4  |
| 37.5°  | 730.8  | 703.8 | 273.6 | 54.0  | 39.6  | 34.2  | 28.8  | 27.0  | 28.8  | 36.0  | 37.8  |
| 40°    | 799.2  | 754.2 | 216.0 | 48.6  | 34.2  | 28.8  | 21.6  | 25.2  | 30.6  | 30.6  | 30.6  |
| 42.5°  | 898.2  | 815.4 | 160.2 | 45.0  | 30.6  | 23.4  | 16.2  | 19.8  | 23.4  | 32.4  | 32.4  |
| 45°    | 984.6  | 851.4 | 113.4 | 41.4  | 25.2  | 18.0  | 12.6  | 19.8  | 25.2  | 28.8  | 28.8  |
| 47.5°  | 1085.4 | 885.6 | 84.6  | 39.6  | 23.4  | 12.6  | 14.4  | 19.8  | 19.8  | 30.6  | 30.6  |
| 50°    | 1170.0 | 892.8 | 68.4  | 36.0  | 18.0  | 9.0   | 18.0  | 18.0  | 21.6  | 27.0  | 27.0  |
| 52.5°  | 1249.2 | 900.0 | 61.2  | 32.4  | 14.4  | 7.2   | 18.0  | 18.0  | 25.2  | 32.4  | 32.4  |
| 55°    | 1301.4 | 878.4 | 55.8  | 28.8  | 12.6  | 5.4   | 19.8  | 19.8  | 19.8  | 25.2  | 25.2  |
| 57.5°  | 1342.8 | 851.4 | 52.2  | 25.2  | 10.8  | 10.8  | 21.6  | 25.2  | 21.6  | 25.2  | 25.2  |
| 60°    | 1369.8 | 802.8 | 45.0  | 23.4  | 9.0   | 10.8  | 27.0  | 32.4  | 25.2  | 37.8  | 37.8  |
| 62.5°  | 1418.4 | 765.0 | 39.6  | 21.6  | 7.2   | 10.8  | 27.0  | 41.4  | 32.4  | 50.4  | 52.2  |
| 65°    | 1458.1 | 730.8 | 34.2  | 16.2  | 7.2   | 14.4  | 30.6  | 52.2  | 39.6  | 63.0  | 64.8  |
| 67.5°  | 1474.3 | 689.4 | 28.8  | 14.4  | 7.2   | 16.2  | 39.6  | 64.8  | 50.4  | 73.8  | 73.8  |
| 70°    | 1461.7 | 646.2 | 23.4  | 14.4  | 7.2   | 25.2  | 52.2  | 75.6  | 61.2  | 90.0  | 91.8  |
| 72.5°  | 1351.8 | 550.8 | 18.0  | 14.4  | 5.4   | 27.0  | 64.8  | 90.0  | 73.8  | 122.4 | 126.0 |
| 75°    | 1035.0 | 349.2 | 18.0  | 14.4  | 7.2   | 30.6  | 75.6  | 104.4 | 88.2  | 136.8 | 142.2 |
| 77.5°  | 631.8  | 162.0 | 18.0  | 16.2  | 9.0   | 37.8  | 82.8  | 120.6 | 97.2  | 147.6 | 151.2 |
| 80°    | 280.8  | 100.8 | 18.0  | 18.0  | 18.0  | 46.8  | 97.2  | 133.2 | 109.8 | 156.6 | 162.0 |
| 82.5°  | 140.4  | 75.6  | 16.2  | 18.0  | 27.0  | 55.8  | 115.2 | 142.2 | 113.4 | 162.0 | 163.8 |
| 85°    | 120.6  | 68.4  | 16.2  | 19.8  | 28.8  | 64.8  | 124.2 | 144.0 | 118.8 | 160.2 | 162.0 |
| 87.5°  | 115.2  | 64.8  | 19.8  | 19.8  | 32.4  | 68.4  | 127.8 | 151.2 | 122.4 | 154.8 | 153.0 |
| 90°    | 120.6  | 63.0  | 21.6  | 23.4  | 41.4  | 70.2  | 129.6 | 147.6 | 122.4 | 145.8 | 145.8 |
| 92.5°  | 124.2  | 61.2  | 23.4  | 27.0  | 50.4  | 79.2  | 127.8 | 144.0 | 122.4 | 135.0 | 135.0 |
| 95°    | 127.8  | 61.2  | 27.0  | 30.6  | 50.4  | 86.4  | 122.4 | 131.4 | 113.4 | 120.6 | 118.8 |
| 97.5°  | 97.2   | 45.0  | 32.4  | 34.2  | 46.8  | 66.6  | 99.0  | 102.6 | 73.8  | 72.0  | 70.2  |
| 100°   | 34.2   | 19.8  | 32.4  | 37.8  | 28.8  | 28.8  | 59.4  | 72.0  | 43.2  | 27.0  | 30.6  |
| 102.5° | 10.8   | 9.0   | 28.8  | 37.8  | 23.4  | 10.8  | 30.6  | 45.0  | 32.4  | 3.6   | 3.6   |
| 105°   | 10.8   | 10.8  | 16.2  | 30.6  | 16.2  | 3.6   | 10.8  | 25.2  | 19.8  | 3.6   | 3.6   |
| 107.5° | 10.8   | 9.0   | 7.2   | 18.0  | 5.4   | 3.6   | 5.4   | 5.4   | 5.4   | 1.8   | 3.6   |



REPORT NUMBER: P560433

CATALOG NUMBER: SDL-PA1-40-760-U-T3-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 12.6 | 9.0  | 3.6  | 5.4  | 3.6  | 3.6  | 3.6  | 1.8  | 3.6  | 9.0  | 10.8 |
| 115°   | 10.8 | 9.0  | 3.6  | 3.6  | 3.6  | 3.6  | 1.8  | 1.8  | 3.6  | 10.8 | 10.8 |
| 117.5° | 12.6 | 10.8 | 3.6  | 3.6  | 1.8  | 3.6  | 1.8  | 1.8  | 3.6  | 10.8 | 12.6 |
| 120°   | 14.4 | 12.6 | 3.6  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 3.6  | 9.0  | 10.8 |
| 122.5° | 14.4 | 14.4 | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 5.4  | 9.0  | 9.0  |
| 125°   | 12.6 | 12.6 | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 5.4  | 9.0  | 9.0  |
| 127.5° | 10.8 | 10.8 | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 3.6  | 7.2  | 9.0  |
| 130°   | 9.0  | 9.0  | 3.6  | 1.8  | 1.8  | 1.8  | 0.0  | 1.8  | 3.6  | 7.2  | 7.2  |
| 132.5° | 7.2  | 5.4  | 3.6  | 1.8  | 1.8  | 1.8  | 0.0  | 1.8  | 3.6  | 5.4  | 7.2  |
| 135°   | 5.4  | 5.4  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 3.6  | 3.6  | 5.4  |
| 137.5° | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 1.8  | 3.6  | 3.6  |
| 140°   | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 142.5° | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 145°   | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 147.5° | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 150°   | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 152.5° | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  | 1.8  |
| 155°   | 3.6  | 3.6  | 3.6  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 157.5° | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 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° | 12.6 12.6 5.4 3.6 1.8 3.6 1.8 3.6 3.6 5.4 12.6





|      |      |     |     |     |     |     |     |     |     |     |     |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 12.6 | 9.0 | 3.6 | 5.4 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 7.2 | 7.2 |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

(END OF REPORT)