

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: P560429

Luminaire Tested: **SDL-PA1-40-760-U-T2U-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560429  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-5)  
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-T2U-HSS-A  
Description: Springdale  
(1) 70 CRI, 5700K, 500mA LIGHT ENGINE WITH 24 LEDS AND TYPE II U OPTICS,  
HOUSE SIDE SHIELD AND CLEARPANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3370.4 lumens  
Efficiency: N/A  
Efficacy: 85.5 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 - 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



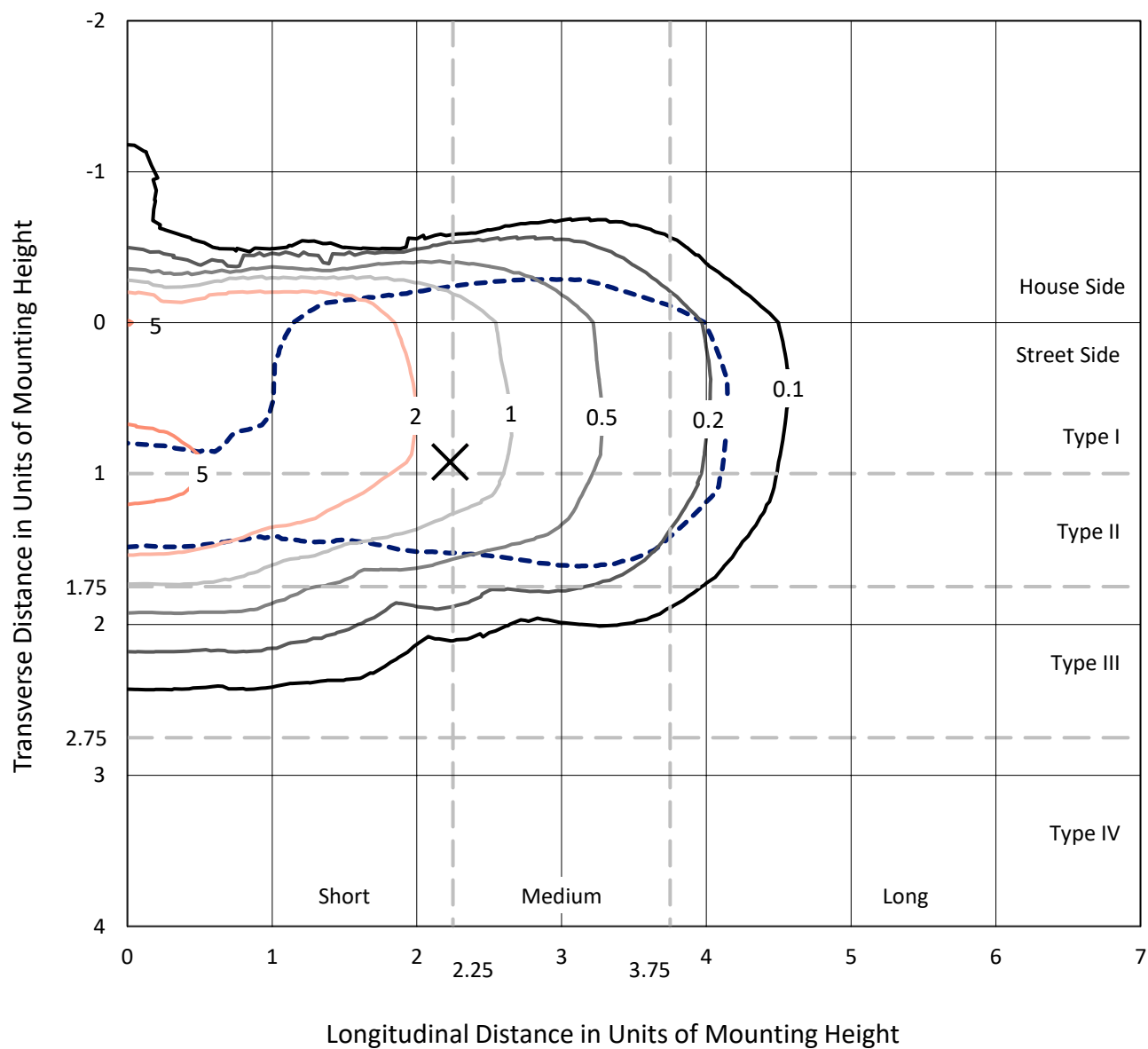
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



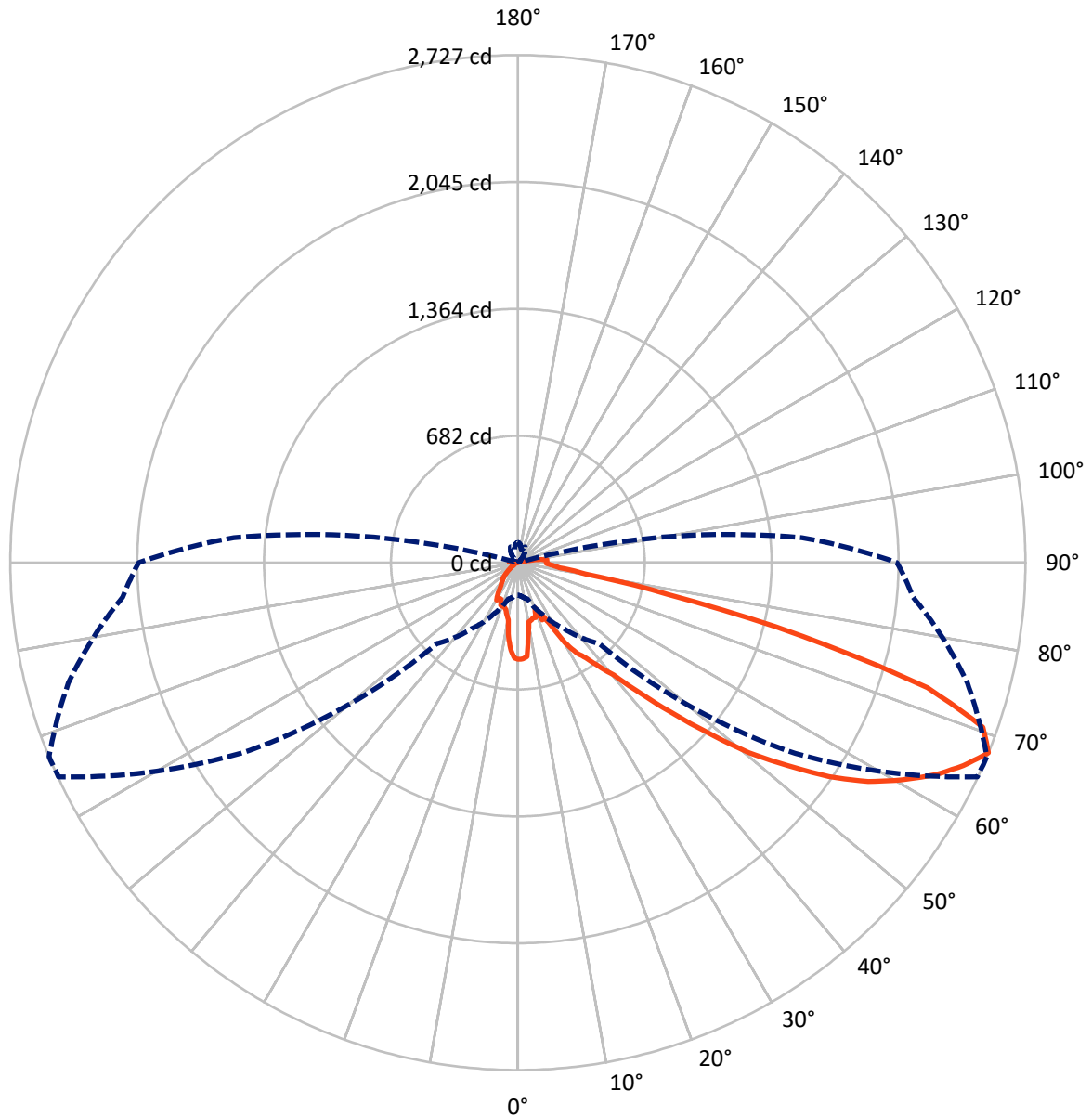
Based on 10 foot mounting height. Maximum calculated value = 6.8 fc

Type II - Short - N/A

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## Luminous Intensity Polar Plot



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

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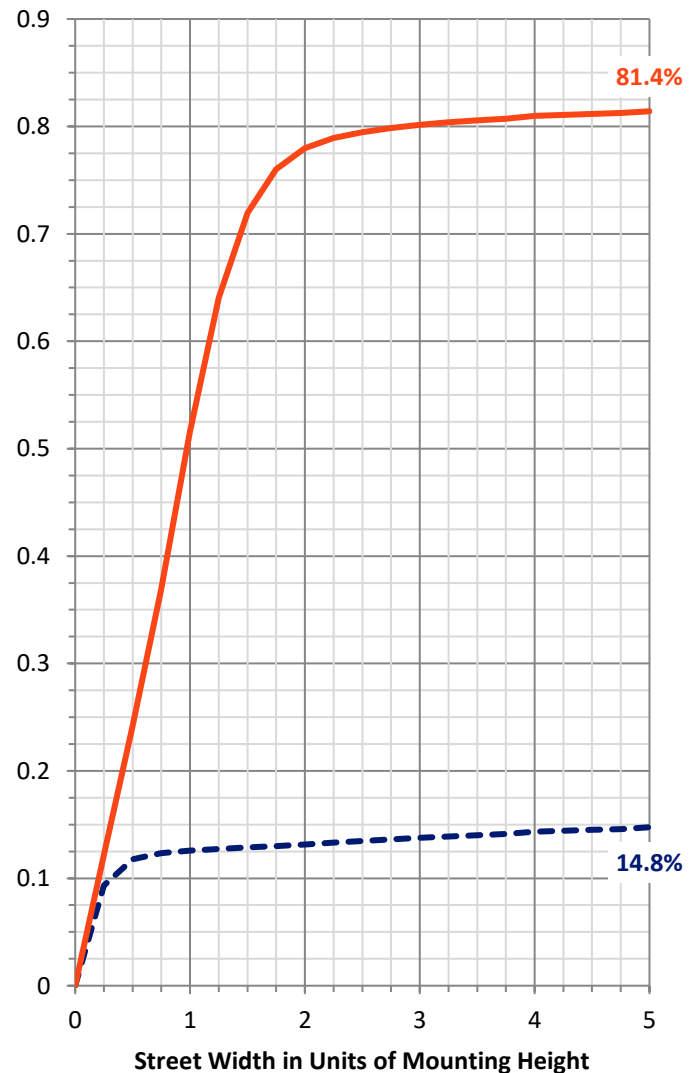
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 527.4    | 39.3   | 566.7  |
|                    | % Fixture | 15.6     | 1.2    | 16.8   |
| <b>Street Side</b> | Lumens    | 2761.9   | 41.8   | 2803.7 |
|                    | % Fixture | 81.9     | 1.2    | 83.2   |
| <b>Total</b>       | Lumens    | 3289.3   | 81.1   | 3370.4 |
|                    | % Fixture | 97.6     | 2.4    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 39.9   | 1.2       |
| 10°-20°   | 76.2   | 2.3       |
| 20°-30°   | 115.0  | 3.4       |
| 30°-40°   | 264.7  | 7.9       |
| 40°-50°   | 590.1  | 17.5      |
| 50°-60°   | 878.1  | 26.1      |
| 60°-70°   | 783.1  | 23.2      |
| 70°-80°   | 439.6  | 13.0      |
| 80°-90°   | 102.6  | 3.0       |
| 90°-100°  | 56.4   | 1.7       |
| 100°-110° | 13.0   | 0.4       |
| 110°-120° | 5.1    | 0.2       |
| 120°-130° | 3.4    | 0.1       |
| 130°-140° | 1.8    | 0.1       |
| 140°-150° | 0.8    | 0.0       |
| 150°-160° | 0.7    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 3289.3 | 97.6      |
| 0°-180°   | 3370.4 | 100.0     |



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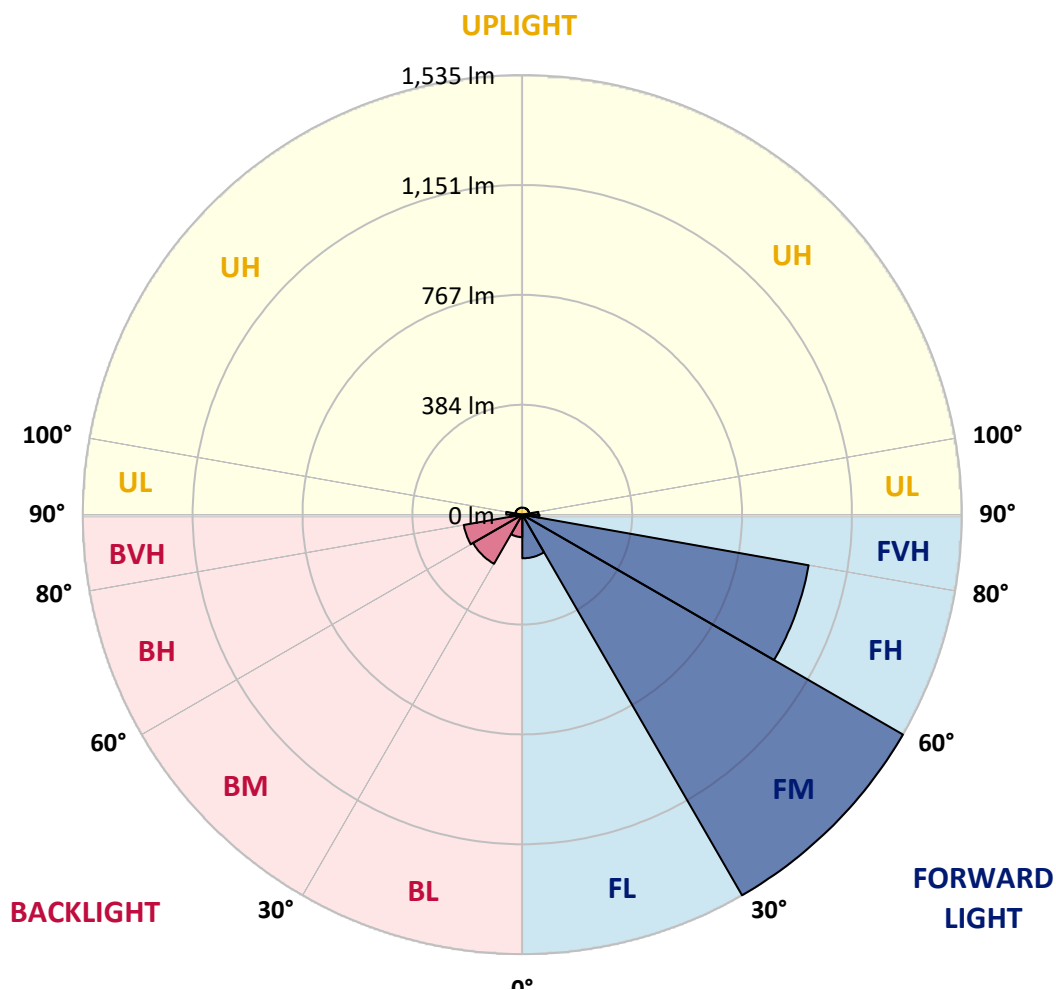
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 152.5  | 4.5       |                         |        |         |
| FM   | (30°-60°)   | 1534.6 | 45.5      |                         |        |         |
| FH   | (60°-80°)   | 1015.2 | 30.1      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 59.6   | 1.8       |                         |        | G1/100  |
| BL   | (0°-30°)    | 78.6   | 2.3       | B0/110                  |        |         |
| BM   | (30°-60°)   | 198.2  | 5.9       | B0/220                  |        |         |
| BH   | (60°-80°)   | 207.5  | 6.2       | B1/500                  |        | G1/500  |
| BVH  | (80°-90°)   | 43.1   | 1.3       |                         |        | G1/100  |
| UL   | (90°-100°)  | 56.4   | 1.7       |                         | U3/500 |         |
| UH   | (100°-180°) | 24.8   | 0.7       |                         | U2/50  |         |

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

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 67.5°  | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 519.9  | 519.9  | 519.9  | 519.9  | 519.9  | 519.9  | 519.9  | 519.9  | 519.9  | 519.9  | 519.9  |
| 2.5°   | 440.8  | 465.9  | 492.9  | 510.9  | 514.5  | 519.9  | 519.9  | 518.1  | 518.1  | 516.3  | 516.3  |
| 5°     | 428.2  | 426.4  | 428.2  | 431.8  | 430.0  | 430.0  | 430.0  | 501.9  | 507.3  | 510.9  | 510.9  |
| 7.5°   | 368.8  | 377.8  | 406.6  | 417.4  | 421.0  | 424.6  | 424.6  | 419.2  | 399.4  | 442.5  | 447.9  |
| 10°    | 401.2  | 399.4  | 399.4  | 403.0  | 376.0  | 365.2  | 329.2  | 323.8  | 323.8  | 338.2  | 385.0  |
| 12.5°  | 336.4  | 356.2  | 383.2  | 394.0  | 363.4  | 322.0  | 313.0  | 320.2  | 318.4  | 278.8  | 325.6  |
| 15°    | 381.4  | 381.4  | 377.8  | 370.6  | 286.0  | 320.2  | 269.8  | 269.8  | 307.6  | 331.0  | 372.4  |
| 17.5°  | 309.4  | 318.4  | 363.4  | 358.0  | 314.8  | 241.1  | 314.8  | 289.6  | 311.2  | 291.4  | 313.0  |
| 20°    | 379.6  | 377.8  | 379.6  | 289.6  | 320.2  | 331.0  | 314.8  | 282.4  | 257.3  | 338.2  | 374.2  |
| 22.5°  | 313.0  | 309.4  | 327.4  | 358.0  | 302.2  | 343.6  | 287.8  | 343.6  | 334.6  | 300.4  | 269.8  |
| 25°    | 404.8  | 403.0  | 406.6  | 316.6  | 354.4  | 307.6  | 354.4  | 307.6  | 322.0  | 385.0  | 394.0  |
| 27.5°  | 365.2  | 363.4  | 358.0  | 386.8  | 336.4  | 388.6  | 334.6  | 376.0  | 386.8  | 417.4  | 483.9  |
| 30°    | 514.5  | 507.3  | 489.3  | 388.6  | 395.8  | 374.2  | 395.8  | 462.3  | 498.3  | 559.5  | 579.3  |
| 32.5°  | 750.2  | 712.4  | 593.7  | 514.5  | 419.2  | 478.5  | 447.9  | 543.3  | 577.5  | 608.1  | 624.2  |
| 35°    | 969.7  | 953.5  | 867.1  | 680.0  | 510.9  | 528.9  | 505.5  | 608.1  | 627.8  | 692.6  | 689.0  |
| 37.5°  | 1270.1 | 1243.1 | 1110.0 | 877.9  | 642.2  | 635.0  | 575.7  | 692.6  | 707.0  | 800.5  | 782.6  |
| 40°    | 1495.0 | 1473.4 | 1369.0 | 1090.2 | 816.7  | 753.8  | 672.8  | 809.5  | 793.4  | 919.3  | 894.1  |
| 42.5°  | 1710.8 | 1698.2 | 1617.3 | 1333.0 | 1009.2 | 937.3  | 773.6  | 953.5  | 949.9  | 1059.6 | 1038.0 |
| 45°    | 1885.3 | 1870.9 | 1818.8 | 1550.7 | 1230.5 | 1232.3 | 931.9  | 1111.8 | 1137.0 | 1241.3 | 1185.5 |
| 47.5°  | 1987.9 | 1957.3 | 1919.5 | 1723.4 | 1453.6 | 1514.7 | 1165.7 | 1291.7 | 1352.8 | 1442.8 | 1358.2 |
| 50°    | 1964.5 | 1933.9 | 1937.5 | 1833.2 | 1658.7 | 1757.6 | 1415.8 | 1482.4 | 1604.7 | 1674.9 | 1507.5 |
| 52.5°  | 1777.4 | 1759.4 | 1818.8 | 1813.4 | 1763.0 | 1980.7 | 1707.2 | 1689.2 | 1809.8 | 1856.5 | 1660.5 |
| 55°    | 1511.1 | 1486.0 | 1597.5 | 1676.7 | 1763.0 | 2119.2 | 1977.1 | 1919.5 | 2029.3 | 2022.1 | 1764.8 |
| 57.5°  | 1147.8 | 1156.7 | 1282.7 | 1406.8 | 1619.1 | 2146.2 | 2176.8 | 2169.6 | 2219.9 | 2158.8 | 1847.6 |
| 60°    | 784.4  | 789.8  | 967.9  | 1108.2 | 1327.6 | 2004.1 | 2241.5 | 2376.5 | 2371.1 | 2273.9 | 1941.1 |
| 62.5°  | 492.9  | 491.1  | 626.0  | 847.3  | 955.3  | 1631.7 | 2216.3 | 2533.0 | 2513.2 | 2360.3 | 2013.1 |
| 65°    | 284.2  | 291.4  | 340.0  | 561.3  | 663.8  | 1113.6 | 2070.6 | 2685.9 | 2630.1 | 2437.6 | 2090.4 |
| 67.5°  | 174.5  | 179.9  | 203.3  | 304.0  | 433.6  | 615.3  | 1761.2 | 2723.7 | 2727.3 | 2500.6 | 2131.8 |
| 70°    | 147.5  | 149.3  | 160.1  | 187.1  | 302.2  | 345.4  | 1185.5 | 2547.4 | 2651.7 | 2515.0 | 2119.2 |
| 72.5°  | 124.1  | 125.9  | 142.1  | 163.7  | 224.9  | 244.7  | 532.5  | 2104.8 | 2302.7 | 2405.2 | 2027.5 |
| 75°    | 91.7   | 93.5   | 116.9  | 149.3  | 163.7  | 196.1  | 291.4  | 1394.2 | 1581.3 | 1901.5 | 1728.8 |
| 77.5°  | 59.4   | 61.2   | 82.8   | 120.5  | 138.5  | 154.7  | 235.7  | 651.2  | 823.9  | 1099.2 | 1092.0 |
| 80°    | 39.6   | 39.6   | 48.6   | 84.6   | 109.7  | 125.9  | 205.1  | 322.0  | 367.0  | 453.3  | 424.6  |
| 82.5°  | 25.2   | 25.2   | 30.6   | 52.2   | 70.2   | 125.9  | 192.5  | 230.3  | 223.1  | 226.7  | 201.5  |
| 85°    | 10.8   | 10.8   | 16.2   | 28.8   | 37.8   | 82.8   | 172.7  | 197.9  | 188.9  | 188.9  | 179.9  |
| 87.5°  | 3.6    | 3.6    | 5.4    | 9.0    | 12.6   | 25.2   | 133.1  | 158.3  | 152.9  | 158.3  | 170.9  |
| 90°    | 3.6    | 3.6    | 1.8    | 3.6    | 3.6    | 18.0   | 107.9  | 156.5  | 152.9  | 160.1  | 176.3  |
| 92.5°  | 5.4    | 5.4    | 1.8    | 1.8    | 3.6    | 14.4   | 84.6   | 161.9  | 156.5  | 167.3  | 183.5  |
| 95°    | 9.0    | 9.0    | 3.6    | 1.8    | 5.4    | 12.6   | 52.2   | 143.9  | 156.5  | 165.5  | 187.1  |
| 97.5°  | 10.8   | 10.8   | 3.6    | 3.6    | 5.4    | 10.8   | 27.0   | 116.9  | 120.5  | 125.9  | 147.5  |
| 100°   | 14.4   | 14.4   | 3.6    | 3.6    | 3.6    | 9.0    | 14.4   | 61.2   | 63.0   | 45.0   | 72.0   |
| 102.5° | 14.4   | 14.4   | 3.6    | 3.6    | 3.6    | 5.4    | 7.2    | 27.0   | 25.2   | 9.0    | 9.0    |
| 105°   | 16.2   | 16.2   | 5.4    | 3.6    | 3.6    | 3.6    | 3.6    | 9.0    | 9.0    | 5.4    | 10.8   |
| 107.5° | 16.2   | 16.2   | 5.4    | 5.4    | 3.6    | 3.6    | 1.8    | 3.6    | 5.4    | 5.4    | 10.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 67.5° | 75° | 85°  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|------|
| 112.5° | 9.0 | 9.0 | 3.6 | 5.4 | 3.6 | 1.8 | 1.8 | 1.8 | 3.6   | 7.2 | 18.0 |
| 115°   | 3.6 | 3.6 | 1.8 | 3.6 | 1.8 | 1.8 | 1.8 | 3.6 | 3.6   | 5.4 | 14.4 |
| 117.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.6 | 1.8   | 5.4 | 12.6 |
| 120°   | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8   | 7.2 | 12.6 |
| 122.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8   | 7.2 | 12.6 |
| 125°   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8   | 5.4 | 10.8 |
| 127.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8   | 3.6 | 10.8 |
| 130°   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8   | 3.6 | 7.2  |
| 132.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8   | 3.6 | 5.4  |
| 135°   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8   | 1.8 | 3.6  |
| 137.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8   | 1.8 | 1.8  |
| 140°   | 0.0 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8   | 1.8 | 1.8  |
| 142.5° | 0.0 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8   | 1.8 | 1.8  |
| 145°   | 0.0 | 0.0 | 0.0 | 1.8 | 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°   | 1.8 | 1.8 | 3.6 | 3.6 | 1.8 | 0.0 | 3.6 | 1.8 | 1.8   | 1.8 | 1.8  |
| 152.5° | 3.6 | 3.6 | 3.6 | 3.6 | 1.8 | 0.0 | 1.8 | 3.6 | 1.8   | 1.8 | 1.8  |
| 155°   | 3.6 | 3.6 | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 | 1.8 | 1.8   | 3.6 | 5.4  |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 1.8 | 1.8 | 0.0   | 0.0 | 1.8  |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 1.8 | 1.8 | 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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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 519.9  | 519.9  | 519.9 | 519.9 | 519.9 | 519.9 | 519.9 | 519.9 | 519.9 | 519.9 | 519.9 |
| 2.5°   | 514.5  | 514.5  | 512.7 | 512.7 | 507.3 | 505.5 | 482.1 | 456.9 | 437.2 | 439.0 | 439.0 |
| 5°     | 509.1  | 505.5  | 500.1 | 464.1 | 419.2 | 412.0 | 412.0 | 408.4 | 406.6 | 408.4 | 408.4 |
| 7.5°   | 444.3  | 440.8  | 419.2 | 401.2 | 403.0 | 399.4 | 392.2 | 390.4 | 359.8 | 329.2 | 327.4 |
| 10°    | 383.2  | 377.8  | 320.2 | 307.6 | 305.8 | 318.4 | 349.0 | 338.2 | 327.4 | 314.8 | 320.2 |
| 12.5°  | 320.2  | 318.4  | 266.2 | 295.0 | 257.3 | 264.5 | 271.6 | 260.9 | 223.1 | 179.9 | 185.3 |
| 15°    | 370.6  | 365.2  | 302.2 | 244.7 | 219.5 | 221.3 | 145.7 | 140.3 | 113.3 | 102.5 | 97.1  |
| 17.5°  | 275.2  | 302.2  | 264.5 | 244.7 | 221.3 | 115.1 | 93.5  | 72.0  | 64.8  | 52.2  | 54.0  |
| 20°    | 368.8  | 361.6  | 302.2 | 228.5 | 170.9 | 97.1  | 52.2  | 41.4  | 50.4  | 52.2  | 52.2  |
| 22.5°  | 260.9  | 253.7  | 255.5 | 242.9 | 120.5 | 55.8  | 39.6  | 41.4  | 37.8  | 36.0  | 36.0  |
| 25°    | 383.2  | 370.6  | 309.4 | 185.3 | 89.9  | 36.0  | 37.8  | 28.8  | 34.2  | 34.2  | 34.2  |
| 27.5°  | 465.9  | 422.8  | 325.6 | 179.9 | 50.4  | 36.0  | 27.0  | 28.8  | 23.4  | 23.4  | 23.4  |
| 30°    | 557.7  | 532.5  | 426.4 | 167.3 | 39.6  | 28.8  | 25.2  | 19.8  | 21.6  | 21.6  | 21.6  |
| 32.5°  | 599.1  | 564.9  | 426.4 | 133.1 | 34.2  | 27.0  | 19.8  | 18.0  | 18.0  | 19.8  | 19.8  |
| 35°    | 658.4  | 622.4  | 424.6 | 88.2  | 28.8  | 21.6  | 16.2  | 16.2  | 16.2  | 16.2  | 16.2  |
| 37.5°  | 748.4  | 696.2  | 431.8 | 55.8  | 23.4  | 18.0  | 12.6  | 14.4  | 14.4  | 30.6  | 30.6  |
| 40°    | 849.1  | 789.8  | 412.0 | 39.6  | 19.8  | 14.4  | 10.8  | 18.0  | 25.2  | 27.0  | 27.0  |
| 42.5°  | 976.8  | 912.1  | 383.2 | 34.2  | 18.0  | 10.8  | 9.0   | 14.4  | 21.6  | 34.2  | 34.2  |
| 45°    | 1129.8 | 1032.6 | 343.6 | 30.6  | 14.4  | 9.0   | 9.0   | 18.0  | 27.0  | 32.4  | 32.4  |
| 47.5°  | 1266.5 | 1149.5 | 275.2 | 28.8  | 12.6  | 7.2   | 12.6  | 19.8  | 23.4  | 37.8  | 37.8  |
| 50°    | 1426.6 | 1271.9 | 210.5 | 25.2  | 10.8  | 7.2   | 19.8  | 21.6  | 27.0  | 34.2  | 34.2  |
| 52.5°  | 1545.3 | 1374.4 | 160.1 | 23.4  | 10.8  | 5.4   | 19.8  | 19.8  | 30.6  | 39.6  | 39.6  |
| 55°    | 1640.7 | 1430.2 | 115.1 | 19.8  | 9.0   | 5.4   | 23.4  | 25.2  | 27.0  | 30.6  | 30.6  |
| 57.5°  | 1714.4 | 1469.8 | 89.9  | 18.0  | 9.0   | 12.6  | 28.8  | 32.4  | 28.8  | 30.6  | 30.6  |
| 60°    | 1799.0 | 1489.6 | 66.6  | 16.2  | 7.2   | 12.6  | 34.2  | 43.2  | 32.4  | 46.8  | 45.0  |
| 62.5°  | 1876.3 | 1503.9 | 54.0  | 16.2  | 7.2   | 14.4  | 37.8  | 54.0  | 43.2  | 63.0  | 64.8  |
| 65°    | 1973.5 | 1521.9 | 45.0  | 12.6  | 7.2   | 19.8  | 45.0  | 72.0  | 57.6  | 82.8  | 86.4  |
| 67.5°  | 2038.2 | 1532.7 | 37.8  | 12.6  | 7.2   | 23.4  | 63.0  | 93.5  | 72.0  | 104.3 | 107.9 |
| 70°    | 2045.4 | 1493.2 | 30.6  | 12.6  | 7.2   | 36.0  | 86.4  | 113.3 | 89.9  | 133.1 | 134.9 |
| 72.5°  | 1951.9 | 1379.8 | 25.2  | 14.4  | 7.2   | 39.6  | 100.7 | 131.3 | 106.1 | 176.3 | 178.1 |
| 75°    | 1577.7 | 967.9  | 23.4  | 14.4  | 7.2   | 50.4  | 109.7 | 143.9 | 118.7 | 183.5 | 187.1 |
| 77.5°  | 969.7  | 447.9  | 21.6  | 16.2  | 10.8  | 55.8  | 111.5 | 152.9 | 124.1 | 183.5 | 188.9 |
| 80°    | 376.0  | 221.3  | 19.8  | 18.0  | 25.2  | 63.0  | 120.5 | 154.7 | 124.1 | 170.9 | 178.1 |
| 82.5°  | 174.5  | 129.5  | 19.8  | 19.8  | 32.4  | 64.8  | 118.7 | 143.9 | 115.1 | 152.9 | 151.1 |
| 85°    | 156.5  | 127.7  | 21.6  | 21.6  | 34.2  | 55.8  | 93.5  | 122.3 | 98.9  | 120.5 | 120.5 |
| 87.5°  | 152.9  | 125.9  | 23.4  | 27.0  | 34.2  | 32.4  | 72.0  | 104.3 | 84.6  | 89.9  | 89.9  |
| 90°    | 156.5  | 131.3  | 25.2  | 30.6  | 28.8  | 18.0  | 57.6  | 86.4  | 64.8  | 57.6  | 55.8  |
| 92.5°  | 167.3  | 133.1  | 30.6  | 36.0  | 27.0  | 14.4  | 48.6  | 70.2  | 46.8  | 37.8  | 36.0  |
| 95°    | 176.3  | 136.7  | 37.8  | 43.2  | 28.8  | 12.6  | 43.2  | 55.8  | 34.2  | 23.4  | 21.6  |
| 97.5°  | 147.5  | 106.1  | 43.2  | 46.8  | 28.8  | 12.6  | 37.8  | 45.0  | 27.0  | 12.6  | 12.6  |
| 100°   | 63.0   | 46.8   | 45.0  | 50.4  | 27.0  | 10.8  | 32.4  | 36.0  | 18.0  | 5.4   | 7.2   |
| 102.5° | 12.6   | 14.4   | 39.6  | 46.8  | 21.6  | 7.2   | 21.6  | 21.6  | 12.6  | 1.8   | 3.6   |
| 105°   | 12.6   | 10.8   | 25.2  | 39.6  | 12.6  | 3.6   | 9.0   | 12.6  | 5.4   | 1.8   | 1.8   |
| 107.5° | 12.6   | 12.6   | 9.0   | 19.8  | 5.4   | 3.6   | 3.6   | 5.4   | 3.6   | 1.8   | 1.8   |



REPORT NUMBER: P560429

CATALOG NUMBER: SDL-PA1-40-760-U-T2U-HSS-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 18.0 | 16.2 | 3.6  | 5.4  | 5.4  | 3.6  | 1.8  | 1.8  | 3.6  | 12.6 | 14.4 |
| 115°   | 16.2 | 14.4 | 5.4  | 5.4  | 3.6  | 3.6  | 1.8  | 1.8  | 3.6  | 14.4 | 16.2 |
| 117.5° | 12.6 | 12.6 | 5.4  | 3.6  | 3.6  | 3.6  | 1.8  | 1.8  | 3.6  | 14.4 | 14.4 |
| 120°   | 14.4 | 12.6 | 5.4  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 3.6  | 10.8 | 10.8 |
| 122.5° | 14.4 | 12.6 | 5.4  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 3.6  | 10.8 | 12.6 |
| 125°   | 12.6 | 10.8 | 5.4  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 5.4  | 10.8 | 10.8 |
| 127.5° | 10.8 | 9.0  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 5.4  | 9.0  | 9.0  |
| 130°   | 7.2  | 7.2  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 5.4  | 7.2  | 7.2  |
| 132.5° | 5.4  | 5.4  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 3.6  | 7.2  | 7.2  |
| 135°   | 5.4  | 3.6  | 3.6  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 3.6  | 5.4  | 5.4  |
| 137.5° | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 3.6  | 3.6  |
| 140°   | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 142.5° | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 145°   | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 147.5° | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 1.8  | 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  | 3.6  | 1.8  | 1.8  | 0.0  | 0.0  | 0.0  | 0.0  | 1.8  | 1.8  |
| 155°   | 5.4  | 5.4  | 5.4  | 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°   | 0.0  | 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 5.4 3.6 1.8 1.8 1.8 3.6 5.4 12.6





|      |      |      |     |     |     |     |     |     |     |     |      |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 110° | 14.4 | 12.6 | 3.6 | 5.4 | 3.6 | 3.6 | 3.6 | 3.6 | 1.8 | 9.0 | 10.8 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|



(END OF REPORT)