

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: P560204

Luminaire Tested: **SDL-PA1-30-740-U-T2R-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560204  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-30-740-U-T2R-A  
Description: Springdale  
(1) 70 CRI, 4000K, 375mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS  
AND CLEAR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3116.7 lumens  
Efficiency: N/A  
Efficacy: 103.5 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type II - Medium  
BUG Rating: B1 - U2 - G1

Input Watts (W): 30.1  
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



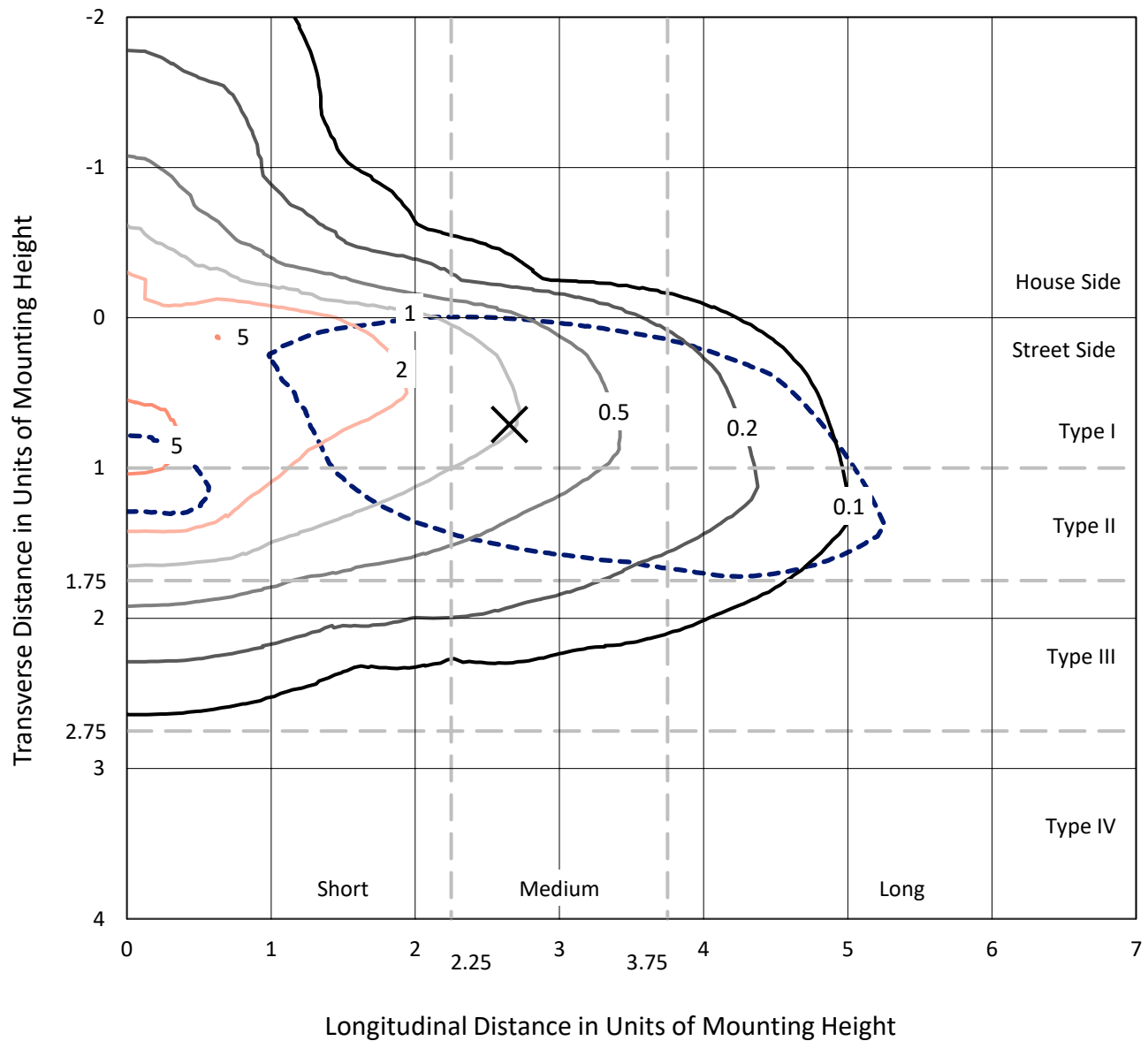
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

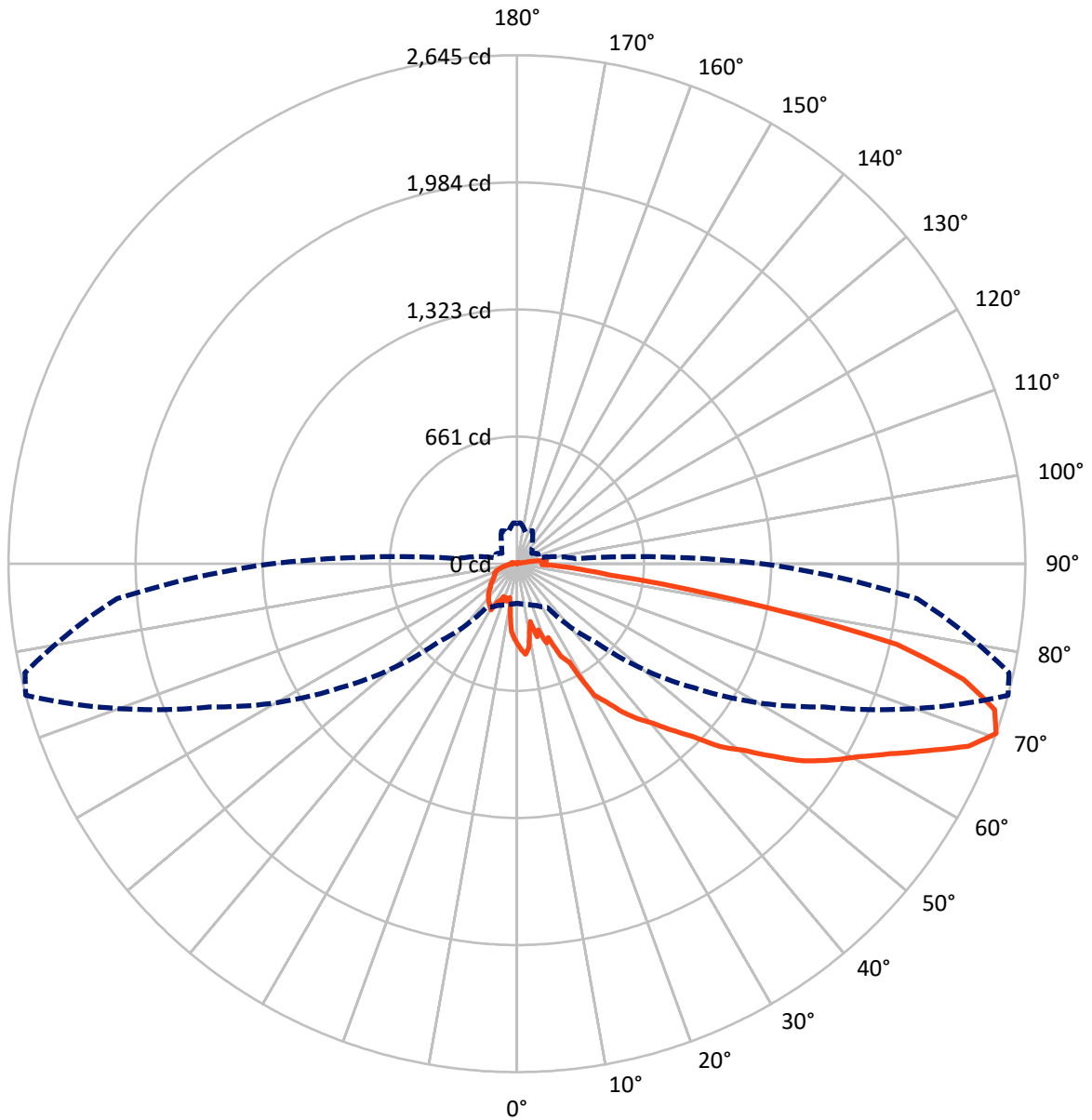


Based on 10 foot mounting height. Maximum calculated value = 6.5 fc  
 Type II - Medium - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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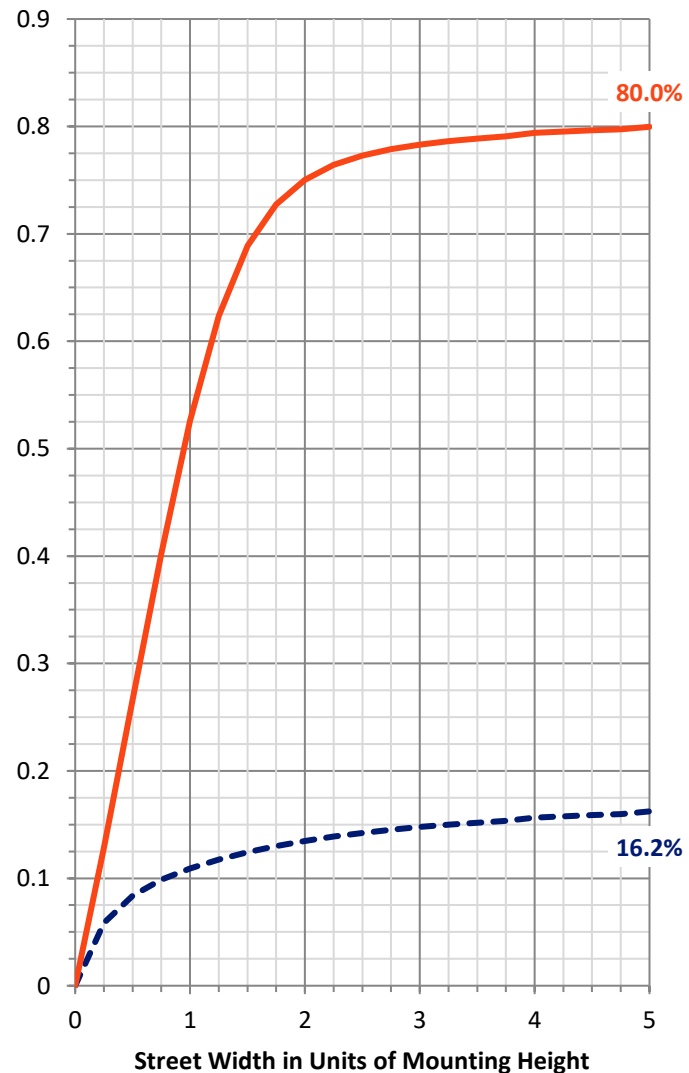
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 532.8    | 31.8   | 564.7  |
|                    | % Fixture | 17.1     | 1.0    | 18.1   |
| <b>Street Side</b> | Lumens    | 2511.7   | 40.3   | 2552.0 |
|                    | % Fixture | 80.6     | 1.3    | 81.9   |
| <b>Total</b>       | Lumens    | 3044.6   | 72.1   | 3116.7 |
|                    | % Fixture | 97.7     | 2.3    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 34.8   | 1.1       |
| 10°-20°   | 90.9   | 2.9       |
| 20°-30°   | 164.1  | 5.3       |
| 30°-40°   | 335.4  | 10.8      |
| 40°-50°   | 526.7  | 16.9      |
| 50°-60°   | 646.7  | 20.7      |
| 60°-70°   | 643.2  | 20.6      |
| 70°-80°   | 475.7  | 15.3      |
| 80°-90°   | 127.1  | 4.1       |
| 90°-100°  | 47.0   | 1.5       |
| 100°-110° | 11.0   | 0.4       |
| 110°-120° | 5.2    | 0.2       |
| 120°-130° | 4.6    | 0.1       |
| 130°-140° | 2.2    | 0.1       |
| 140°-150° | 1.1    | 0.0       |
| 150°-160° | 1.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 3044.6 | 97.7      |
| 0°-180°   | 3116.7 | 100.0     |



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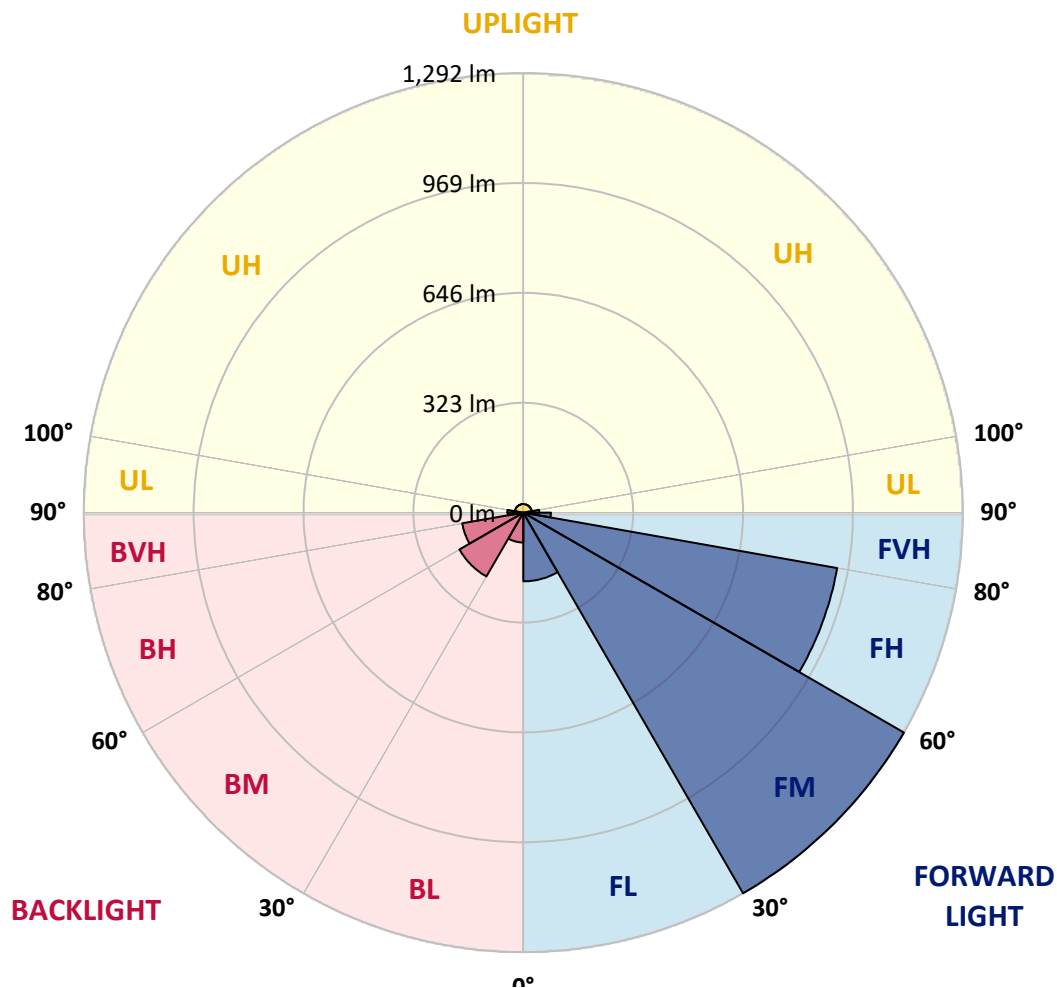
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 202.0  | 6.5       |                         |       |         |
| FM   | (30°-60°)   | 1291.9 | 41.5      |                         |       |         |
| FH   | (60°-80°)   | 936.7  | 30.1      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 81.1   | 2.6       |                         |       | G1/100  |
| BL   | (0°-30°)    | 87.8   | 2.8       | B0/110                  |       |         |
| BM   | (30°-60°)   | 216.8  | 7.0       | B0/220                  |       |         |
| BH   | (60°-80°)   | 182.3  | 5.8       | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 46.0   | 1.5       |                         |       | G1/100  |
| UL   | (90°-100°)  | 47.0   | 1.5       |                         | U2/50 |         |
| UH   | (100°-180°) | 25.2   | 0.8       |                         | U2/50 |         |

**BUG Rating: B1-U2-G1**

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 77.5°  | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 417.8  | 417.8  | 417.8  | 417.8  | 417.8  | 417.8  | 417.8  | 417.8  | 417.8  | 417.8  | 417.8  |
| 2.5°   | 433.6  | 458.0  | 468.9  | 481.1  | 492.1  | 486.0  | 476.2  | 461.6  | 448.2  | 443.3  | 428.7  |
| 5°     | 478.7  | 476.2  | 475.0  | 471.4  | 465.3  | 454.3  | 440.9  | 493.3  | 472.6  | 464.0  | 439.7  |
| 7.5°   | 421.4  | 488.4  | 495.7  | 503.0  | 500.6  | 487.2  | 470.1  | 422.6  | 440.9  | 429.9  | 399.5  |
| 10°    | 515.2  | 515.2  | 512.8  | 515.2  | 487.2  | 465.3  | 398.3  | 370.3  | 356.9  | 386.1  | 358.1  |
| 12.5°  | 438.5  | 477.4  | 526.2  | 535.9  | 493.3  | 432.4  | 404.4  | 391.0  | 308.1  | 304.5  | 326.4  |
| 15°    | 510.3  | 516.4  | 517.6  | 520.1  | 420.2  | 453.1  | 373.9  | 347.1  | 393.4  | 382.4  | 386.1  |
| 17.5°  | 410.5  | 416.5  | 495.7  | 490.8  | 451.9  | 361.7  | 437.3  | 392.2  | 361.7  | 348.3  | 343.5  |
| 20°    | 516.4  | 517.6  | 514.0  | 415.3  | 436.0  | 472.6  | 409.2  | 397.1  | 440.9  | 439.7  | 421.4  |
| 22.5°  | 439.7  | 440.9  | 454.3  | 500.6  | 450.6  | 477.4  | 411.7  | 495.7  | 417.8  | 419.0  | 325.2  |
| 25°    | 588.3  | 589.5  | 577.3  | 445.8  | 506.7  | 448.2  | 499.4  | 445.8  | 533.5  | 516.4  | 476.2  |
| 27.5°  | 617.5  | 572.4  | 526.2  | 553.0  | 483.5  | 556.6  | 475.0  | 539.6  | 579.8  | 576.1  | 582.2  |
| 30°    | 783.2  | 785.6  | 753.9  | 605.3  | 566.4  | 549.3  | 548.1  | 640.7  | 794.1  | 800.2  | 699.1  |
| 32.5°  | 1060.9 | 1046.2 | 890.3  | 746.6  | 610.2  | 669.9  | 615.1  | 741.7  | 858.7  | 855.0  | 749.1  |
| 35°    | 1187.5 | 1172.9 | 1114.4 | 922.0  | 705.2  | 723.5  | 694.2  | 789.2  | 947.6  | 919.6  | 799.0  |
| 37.5°  | 1294.7 | 1292.3 | 1243.5 | 1015.8 | 801.4  | 828.2  | 741.7  | 847.7  | 1024.3 | 995.1  | 850.1  |
| 40°    | 1387.3 | 1378.7 | 1336.1 | 1099.8 | 900.1  | 901.3  | 801.4  | 918.4  | 1092.5 | 1099.8 | 900.1  |
| 42.5°  | 1464.0 | 1456.7 | 1421.4 | 1183.9 | 958.5  | 965.9  | 864.8  | 990.2  | 1183.9 | 1197.3 | 978.0  |
| 45°    | 1495.7 | 1499.3 | 1475.0 | 1259.4 | 1010.9 | 1024.3 | 940.3  | 1063.3 | 1281.3 | 1292.3 | 1047.5 |
| 47.5°  | 1518.8 | 1520.0 | 1513.9 | 1321.5 | 1066.9 | 1073.0 | 1014.6 | 1129.1 | 1422.6 | 1400.7 | 1129.1 |
| 50°    | 1466.4 | 1461.6 | 1467.7 | 1369.0 | 1115.7 | 1123.0 | 1076.7 | 1197.3 | 1523.7 | 1495.7 | 1214.3 |
| 52.5°  | 1328.8 | 1334.9 | 1398.2 | 1344.6 | 1131.5 | 1146.1 | 1135.1 | 1256.9 | 1663.7 | 1641.8 | 1336.1 |
| 55°    | 982.9  | 1009.7 | 1192.4 | 1244.8 | 1130.3 | 1155.9 | 1188.7 | 1370.2 | 1811.1 | 1778.2 | 1439.6 |
| 57.5°  | 795.3  | 795.3  | 902.5  | 1074.3 | 1068.2 | 1149.8 | 1243.5 | 1446.9 | 1928.0 | 1904.9 | 1543.2 |
| 60°    | 638.2  | 638.2  | 696.7  | 852.6  | 947.6  | 1119.3 | 1299.6 | 1560.2 | 2038.9 | 2025.5 | 1634.5 |
| 62.5°  | 500.6  | 499.4  | 548.1  | 635.8  | 777.1  | 1052.3 | 1328.8 | 1657.7 | 2177.7 | 2175.3 | 1780.7 |
| 65°    | 361.7  | 366.6  | 408.0  | 462.8  | 610.2  | 926.9  | 1327.6 | 1745.4 | 2344.6 | 2351.9 | 1945.1 |
| 67.5°  | 268.0  | 270.4  | 293.5  | 333.7  | 419.0  | 768.5  | 1269.1 | 1806.3 | 2533.4 | 2521.2 | 2049.8 |
| 70°    | 205.8  | 209.5  | 219.2  | 239.9  | 278.9  | 571.2  | 1127.8 | 1763.6 | 2645.4 | 2622.3 | 2088.8 |
| 72.5°  | 173.0  | 174.2  | 173.0  | 183.9  | 186.3  | 387.3  | 903.7  | 1601.6 | 2599.2 | 2562.6 | 1981.6 |
| 75°    | 147.4  | 146.2  | 144.9  | 147.4  | 137.6  | 255.8  | 648.0  | 1355.6 | 2399.4 | 2336.1 | 1750.2 |
| 77.5°  | 126.7  | 125.5  | 120.6  | 121.8  | 109.6  | 188.8  | 442.1  | 1063.3 | 2021.8 | 1873.2 | 1315.4 |
| 80°    | 104.7  | 104.7  | 101.1  | 101.1  | 92.6   | 143.7  | 282.6  | 733.2  | 1177.8 | 1059.6 | 684.5  |
| 82.5°  | 81.6   | 80.4   | 80.4   | 82.8   | 79.2   | 112.1  | 185.1  | 365.4  | 486.0  | 455.5  | 320.3  |
| 85°    | 43.8   | 43.8   | 49.9   | 56.0   | 54.8   | 68.2   | 141.3  | 215.6  | 287.4  | 277.7  | 179.0  |
| 87.5°  | 13.4   | 13.4   | 14.6   | 18.3   | 19.5   | 36.5   | 88.9   | 104.7  | 130.3  | 143.7  | 141.3  |
| 90°    | 14.6   | 13.4   | 9.7    | 11.0   | 12.2   | 26.8   | 82.8   | 101.1  | 131.5  | 146.2  | 149.8  |
| 92.5°  | 17.1   | 15.8   | 9.7    | 9.7    | 12.2   | 21.9   | 79.2   | 98.7   | 143.7  | 158.3  | 162.0  |
| 95°    | 18.3   | 17.1   | 9.7    | 9.7    | 12.2   | 19.5   | 70.6   | 97.4   | 153.5  | 173.0  | 173.0  |
| 97.5°  | 17.1   | 15.8   | 7.3    | 8.5    | 11.0   | 17.1   | 54.8   | 80.4   | 107.2  | 118.1  | 136.4  |
| 100°   | 14.6   | 14.6   | 4.9    | 7.3    | 9.7    | 12.2   | 31.7   | 43.8   | 31.7   | 30.4   | 30.4   |
| 102.5° | 13.4   | 13.4   | 4.9    | 6.1    | 7.3    | 8.5    | 14.6   | 23.1   | 7.3    | 8.5    | 11.0   |
| 105°   | 13.4   | 14.6   | 3.7    | 4.9    | 4.9    | 4.9    | 7.3    | 12.2   | 6.1    | 7.3    | 11.0   |
| 107.5° | 13.4   | 14.6   | 3.7    | 3.7    | 4.9    | 3.7    | 3.7    | 4.9    | 6.1    | 7.3    | 12.2   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75°  | 77.5° | 85°  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|------|
| 112.5° | 8.5 | 8.5 | 2.4 | 3.7 | 3.7 | 3.7 | 2.4 | 3.7 | 6.1  | 8.5   | 12.2 |
| 115°   | 6.1 | 4.9 | 2.4 | 3.7 | 2.4 | 3.7 | 2.4 | 3.7 | 6.1  | 8.5   | 11.0 |
| 117.5° | 4.9 | 3.7 | 2.4 | 2.4 | 2.4 | 2.4 | 1.2 | 3.7 | 7.3  | 9.7   | 13.4 |
| 120°   | 4.9 | 4.9 | 2.4 | 2.4 | 2.4 | 2.4 | 1.2 | 3.7 | 11.0 | 12.2  | 17.1 |
| 122.5° | 4.9 | 4.9 | 2.4 | 2.4 | 2.4 | 2.4 | 1.2 | 2.4 | 9.7  | 13.4  | 18.3 |
| 125°   | 4.9 | 4.9 | 2.4 | 2.4 | 2.4 | 2.4 | 1.2 | 2.4 | 8.5  | 12.2  | 15.8 |
| 127.5° | 4.9 | 4.9 | 2.4 | 1.2 | 2.4 | 2.4 | 2.4 | 2.4 | 7.3  | 9.7   | 13.4 |
| 130°   | 4.9 | 4.9 | 2.4 | 1.2 | 2.4 | 2.4 | 2.4 | 2.4 | 6.1  | 7.3   | 11.0 |
| 132.5° | 3.7 | 3.7 | 2.4 | 1.2 | 2.4 | 1.2 | 1.2 | 2.4 | 4.9  | 6.1   | 8.5  |
| 135°   | 2.4 | 2.4 | 2.4 | 1.2 | 2.4 | 1.2 | 1.2 | 1.2 | 2.4  | 3.7   | 6.1  |
| 137.5° | 1.2 | 2.4 | 1.2 | 1.2 | 2.4 | 1.2 | 1.2 | 1.2 | 1.2  | 1.2   | 2.4  |
| 140°   | 1.2 | 1.2 | 1.2 | 1.2 | 2.4 | 1.2 | 1.2 | 1.2 | 1.2  | 1.2   | 1.2  |
| 142.5° | 1.2 | 1.2 | 1.2 | 1.2 | 2.4 | 2.4 | 1.2 | 1.2 | 1.2  | 1.2   | 1.2  |
| 145°   | 1.2 | 1.2 | 1.2 | 1.2 | 3.7 | 2.4 | 1.2 | 1.2 | 1.2  | 1.2   | 1.2  |
| 147.5° | 1.2 | 1.2 | 1.2 | 4.9 | 3.7 | 2.4 | 1.2 | 1.2 | 1.2  | 1.2   | 1.2  |
| 150°   | 6.1 | 6.1 | 6.1 | 4.9 | 3.7 | 2.4 | 3.7 | 1.2 | 1.2  | 1.2   | 1.2  |
| 152.5° | 6.1 | 6.1 | 7.3 | 3.7 | 2.4 | 1.2 | 1.2 | 4.9 | 3.7  | 2.4   | 2.4  |
| 155°   | 4.9 | 3.7 | 3.7 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 3.7  | 4.9   | 4.9  |
| 157.5° | 1.2 | 1.2 | 2.4 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 2.4  | 1.2   | 1.2  |
| 160°   | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2  | 1.2   | 1.2  |
| 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°     | 417.8  | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 |
| 2.5°   | 420.2  | 410.5 | 387.3 | 370.3 | 349.6 | 331.3 | 315.5 | 280.1 | 274.0 | 270.4 | 269.2 |
| 5°     | 420.2  | 399.5 | 354.4 | 299.6 | 257.0 | 247.2 | 242.4 | 242.4 | 239.9 | 241.2 | 242.4 |
| 7.5°   | 372.7  | 344.7 | 276.5 | 233.9 | 241.2 | 241.2 | 242.4 | 236.3 | 216.8 | 219.2 | 215.6 |
| 10°    | 326.4  | 291.1 | 208.3 | 190.0 | 208.3 | 209.5 | 237.5 | 248.5 | 252.1 | 253.3 | 253.3 |
| 12.5°  | 300.8  | 250.9 | 180.3 | 186.3 | 168.1 | 192.4 | 226.5 | 253.3 | 230.2 | 218.0 | 218.0 |
| 15°    | 345.9  | 297.2 | 202.2 | 163.2 | 165.6 | 192.4 | 171.7 | 239.9 | 248.5 | 250.9 | 250.9 |
| 17.5°  | 310.6  | 261.9 | 185.1 | 168.1 | 185.1 | 158.3 | 193.7 | 220.5 | 210.7 | 199.7 | 198.5 |
| 20°    | 372.7  | 309.4 | 207.1 | 164.4 | 163.2 | 187.6 | 171.7 | 180.3 | 225.3 | 226.5 | 225.3 |
| 22.5°  | 289.9  | 247.2 | 183.9 | 186.3 | 163.2 | 179.0 | 169.3 | 186.3 | 177.8 | 176.6 | 177.8 |
| 25°    | 401.9  | 320.3 | 211.9 | 160.8 | 170.5 | 158.3 | 170.5 | 157.1 | 188.8 | 191.2 | 192.4 |
| 27.5°  | 492.1  | 382.4 | 225.3 | 174.2 | 148.6 | 162.0 | 152.2 | 157.1 | 146.2 | 152.2 | 154.7 |
| 30°    | 585.8  | 445.8 | 275.3 | 192.4 | 157.1 | 138.8 | 141.3 | 140.1 | 158.3 | 157.1 | 154.7 |
| 32.5°  | 616.3  | 454.3 | 263.1 | 201.0 | 155.9 | 140.1 | 129.1 | 137.6 | 151.0 | 162.0 | 163.2 |
| 35°    | 646.7  | 460.4 | 253.3 | 192.4 | 152.2 | 131.5 | 126.7 | 141.3 | 152.2 | 153.5 | 157.1 |
| 37.5°  | 682.1  | 465.3 | 243.6 | 180.3 | 141.3 | 129.1 | 125.5 | 131.5 | 155.9 | 153.5 | 149.8 |
| 40°    | 714.9  | 467.7 | 231.4 | 169.3 | 129.1 | 126.7 | 116.9 | 131.5 | 137.6 | 142.5 | 144.9 |
| 42.5°  | 773.4  | 482.3 | 221.7 | 159.6 | 120.6 | 120.6 | 112.1 | 123.0 | 141.3 | 143.7 | 142.5 |
| 45°    | 816.0  | 477.4 | 208.3 | 151.0 | 112.1 | 107.2 | 109.6 | 134.0 | 142.5 | 157.1 | 154.7 |
| 47.5°  | 876.9  | 489.6 | 192.4 | 137.6 | 104.7 | 98.7  | 103.5 | 130.3 | 146.2 | 157.1 | 159.6 |
| 50°    | 936.6  | 487.2 | 179.0 | 126.7 | 99.9  | 93.8  | 114.5 | 126.7 | 143.7 | 162.0 | 162.0 |
| 52.5°  | 1014.6 | 490.8 | 173.0 | 116.9 | 93.8  | 93.8  | 118.1 | 127.9 | 147.4 | 159.6 | 159.6 |
| 55°    | 1084.0 | 477.4 | 158.3 | 113.3 | 92.6  | 90.1  | 119.4 | 132.8 | 148.6 | 159.6 | 160.8 |
| 57.5°  | 1135.1 | 450.6 | 147.4 | 109.6 | 91.3  | 92.6  | 119.4 | 143.7 | 138.8 | 159.6 | 163.2 |
| 60°    | 1191.2 | 421.4 | 137.6 | 109.6 | 91.3  | 96.2  | 123.0 | 152.2 | 152.2 | 166.9 | 166.9 |
| 62.5°  | 1267.9 | 403.1 | 132.8 | 110.8 | 88.9  | 99.9  | 134.0 | 165.6 | 153.5 | 176.6 | 177.8 |
| 65°    | 1332.5 | 378.8 | 129.1 | 115.7 | 90.1  | 104.7 | 140.1 | 176.6 | 160.8 | 187.6 | 186.3 |
| 67.5°  | 1333.7 | 342.2 | 124.2 | 120.6 | 91.3  | 108.4 | 140.1 | 183.9 | 169.3 | 197.3 | 193.7 |
| 70°    | 1275.2 | 305.7 | 116.9 | 120.6 | 95.0  | 112.1 | 140.1 | 188.8 | 170.5 | 213.1 | 209.5 |
| 72.5°  | 1149.8 | 249.7 | 106.0 | 115.7 | 101.1 | 116.9 | 147.4 | 187.6 | 170.5 | 230.2 | 226.5 |
| 75°    | 978.0  | 199.7 | 91.3  | 106.0 | 101.1 | 123.0 | 152.2 | 186.3 | 164.4 | 219.2 | 211.9 |
| 77.5°  | 744.2  | 163.2 | 76.7  | 92.6  | 96.2  | 125.5 | 152.2 | 183.9 | 159.6 | 204.6 | 199.7 |
| 80°    | 383.7  | 114.5 | 62.1  | 79.2  | 90.1  | 123.0 | 151.0 | 174.2 | 142.5 | 181.5 | 179.0 |
| 82.5°  | 210.7  | 84.0  | 49.9  | 58.5  | 75.5  | 115.7 | 146.2 | 157.1 | 125.5 | 148.6 | 142.5 |
| 85°    | 136.4  | 60.9  | 40.2  | 47.5  | 63.3  | 96.2  | 123.0 | 124.2 | 88.9  | 107.2 | 101.1 |
| 87.5°  | 102.3  | 35.3  | 25.6  | 29.2  | 43.8  | 53.6  | 78.0  | 80.4  | 56.0  | 65.8  | 62.1  |
| 90°    | 107.2  | 35.3  | 26.8  | 30.4  | 39.0  | 40.2  | 57.2  | 60.9  | 43.8  | 49.9  | 49.9  |
| 92.5°  | 114.5  | 35.3  | 28.0  | 31.7  | 35.3  | 31.7  | 45.1  | 49.9  | 36.5  | 40.2  | 39.0  |
| 95°    | 116.9  | 34.1  | 30.4  | 32.9  | 31.7  | 25.6  | 36.5  | 40.2  | 30.4  | 30.4  | 30.4  |
| 97.5°  | 85.3   | 24.4  | 30.4  | 32.9  | 29.2  | 20.7  | 28.0  | 31.7  | 19.5  | 15.8  | 15.8  |
| 100°   | 23.1   | 12.2  | 29.2  | 31.7  | 25.6  | 17.1  | 24.4  | 24.4  | 12.2  | 8.5   | 8.5   |
| 102.5° | 9.7    | 9.7   | 25.6  | 28.0  | 19.5  | 11.0  | 17.1  | 17.1  | 8.5   | 3.7   | 3.7   |
| 105°   | 9.7    | 7.3   | 18.3  | 20.7  | 13.4  | 6.1   | 8.5   | 9.7   | 6.1   | 3.7   | 3.7   |
| 107.5° | 9.7    | 7.3   | 8.5   | 11.0  | 6.1   | 4.9   | 4.9   | 4.9   | 3.7   | 3.7   | 3.7   |



REPORT NUMBER: P560204

CATALOG NUMBER: SDL-PA1-30-740-U-T2R-A

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 12.2 | 8.5  | 4.9  | 6.1  | 4.9  | 3.7  | 3.7  | 3.7  | 4.9  | 11.0 | 11.0 |
| 115°   | 11.0 | 7.3  | 4.9  | 4.9  | 3.7  | 3.7  | 2.4  | 2.4  | 4.9  | 13.4 | 13.4 |
| 117.5° | 12.2 | 8.5  | 4.9  | 4.9  | 3.7  | 2.4  | 2.4  | 2.4  | 6.1  | 15.8 | 15.8 |
| 120°   | 14.6 | 9.7  | 4.9  | 3.7  | 2.4  | 2.4  | 2.4  | 2.4  | 7.3  | 17.1 | 17.1 |
| 122.5° | 15.8 | 11.0 | 4.9  | 3.7  | 2.4  | 1.2  | 2.4  | 3.7  | 8.5  | 17.1 | 17.1 |
| 125°   | 13.4 | 9.7  | 4.9  | 3.7  | 2.4  | 1.2  | 2.4  | 3.7  | 8.5  | 15.8 | 17.1 |
| 127.5° | 12.2 | 8.5  | 4.9  | 2.4  | 2.4  | 1.2  | 1.2  | 3.7  | 7.3  | 12.2 | 14.6 |
| 130°   | 9.7  | 7.3  | 3.7  | 2.4  | 2.4  | 1.2  | 1.2  | 2.4  | 7.3  | 11.0 | 13.4 |
| 132.5° | 8.5  | 6.1  | 3.7  | 2.4  | 2.4  | 1.2  | 1.2  | 2.4  | 7.3  | 9.7  | 9.7  |
| 135°   | 6.1  | 4.9  | 2.4  | 2.4  | 2.4  | 1.2  | 2.4  | 1.2  | 4.9  | 8.5  | 8.5  |
| 137.5° | 3.7  | 2.4  | 2.4  | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 3.7  | 4.9  | 4.9  |
| 140°   | 1.2  | 1.2  | 2.4  | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 2.4  | 2.4  | 2.4  |
| 142.5° | 1.2  | 1.2  | 2.4  | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 2.4  | 2.4  | 2.4  |
| 145°   | 1.2  | 1.2  | 1.2  | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 2.4  |
| 147.5° | 1.2  | 1.2  | 1.2  | 2.4  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 2.4  |
| 150°   | 1.2  | 1.2  | 1.2  | 2.4  | 2.4  | 1.2  | 1.2  | 2.4  | 2.4  | 2.4  | 2.4  |
| 152.5° | 1.2  | 1.2  | 2.4  | 2.4  | 1.2  | 1.2  | 1.2  | 2.4  | 2.4  | 2.4  | 2.4  |
| 155°   | 3.7  | 3.7  | 2.4  | 2.4  | 1.2  | 1.2  | 0.0  | 1.2  | 2.4  | 2.4  | 2.4  |
| 157.5° | 1.2  | 1.2  | 2.4  | 1.2  | 1.2  | 1.2  | 0.0  | 1.2  | 1.2  | 1.2  | 1.2  |
| 160°   | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 0.0  | 1.2  | 1.2  | 1.2  | 1.2  |
| 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° | 12.2 | 12.2 | 2.4 | 3.7 | 3.7 | 3.7 | 2.4 | 3.7 | 6.1 | 8.5 | 12.2 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|





|      |      |     |     |     |     |     |     |     |     |     |     |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 11.0 | 7.3 | 4.9 | 6.1 | 4.9 | 3.7 | 3.7 | 3.7 | 3.7 | 4.9 | 6.1 |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|



(END OF REPORT)