

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: P560251

Luminaire Tested: **SDL-PA1-30-760-U-T2R**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560251  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-30-760-U-T2R  
Description: Springdale  
(1) 70 CRI, 5700K, 375mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3766.6 lumens  
Efficiency: N/A  
Efficacy: 125.1 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 - U0 - 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



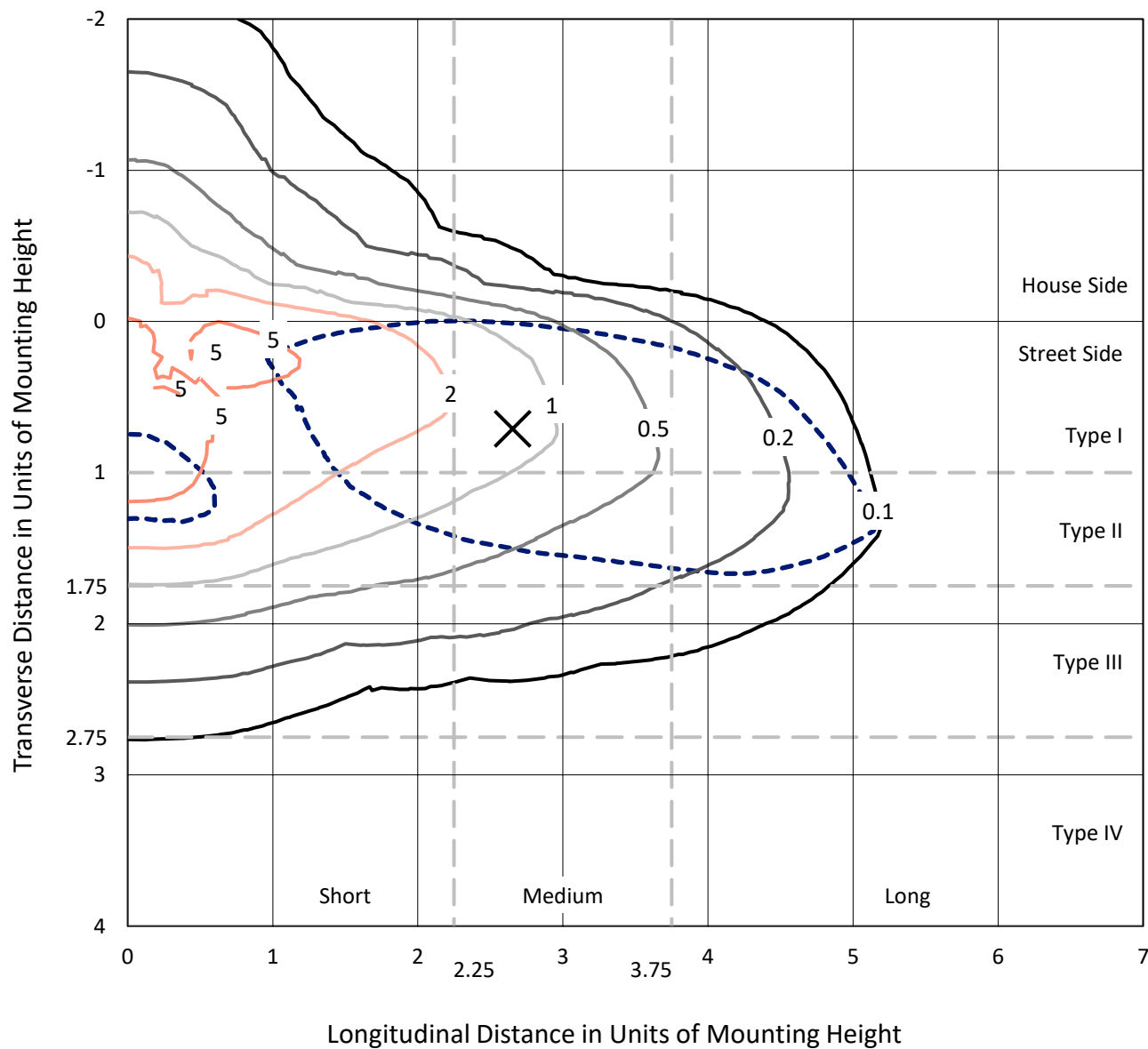
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



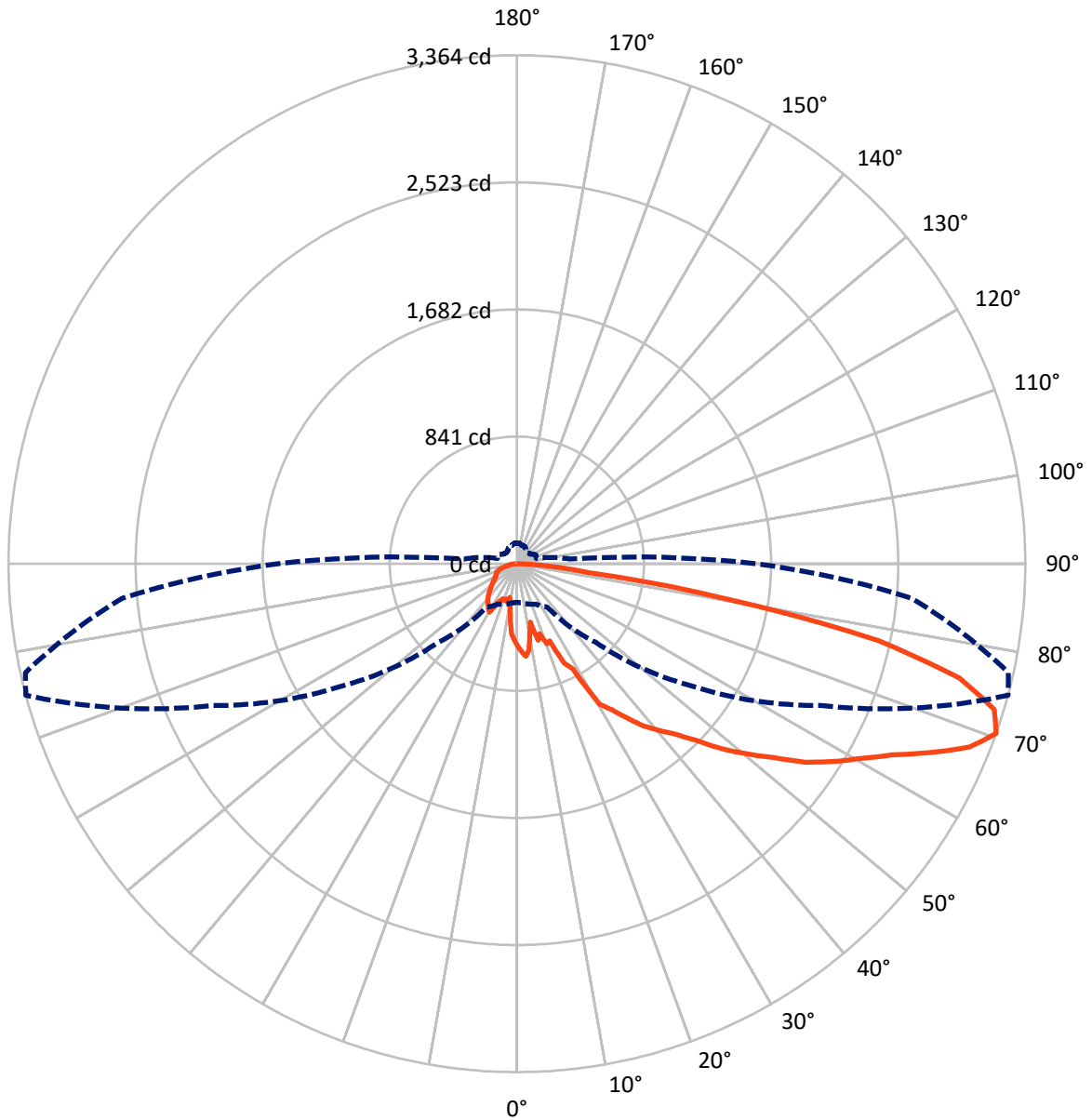
Based on 10 foot mounting height. Maximum calculated value = 8.6 fc

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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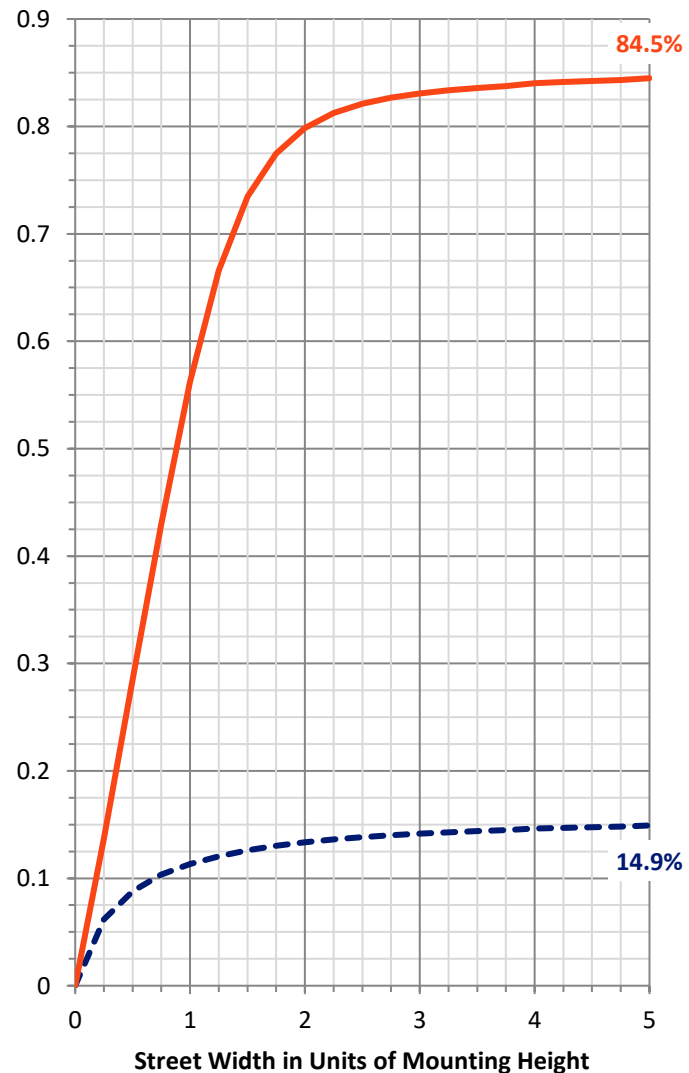
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 573.0    | 0.0    | 573.0  |
|                    | % Fixture | 15.2     | 0.0    | 15.2   |
| <b>Street Side</b> | Lumens    | 3193.6   | 0.0    | 3193.6 |
|                    | % Fixture | 84.8     | 0.0    | 84.8   |
| <b>Total</b>       | Lumens    | 3766.6   | 0.0    | 3766.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 45.0   | 1.2       |
| 10°-20°   | 119.7  | 3.2       |
| 20°-30°   | 218.8  | 5.8       |
| 30°-40°   | 444.1  | 11.8      |
| 40°-50°   | 681.6  | 18.1      |
| 50°-60°   | 821.7  | 21.8      |
| 60°-70°   | 794.6  | 21.1      |
| 70°-80°   | 551.2  | 14.6      |
| 80°-90°   | 90.0   | 2.4       |
| 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°    | 3766.6 | 100.0     |
| 0°-180°   | 3766.6 | 100.0     |



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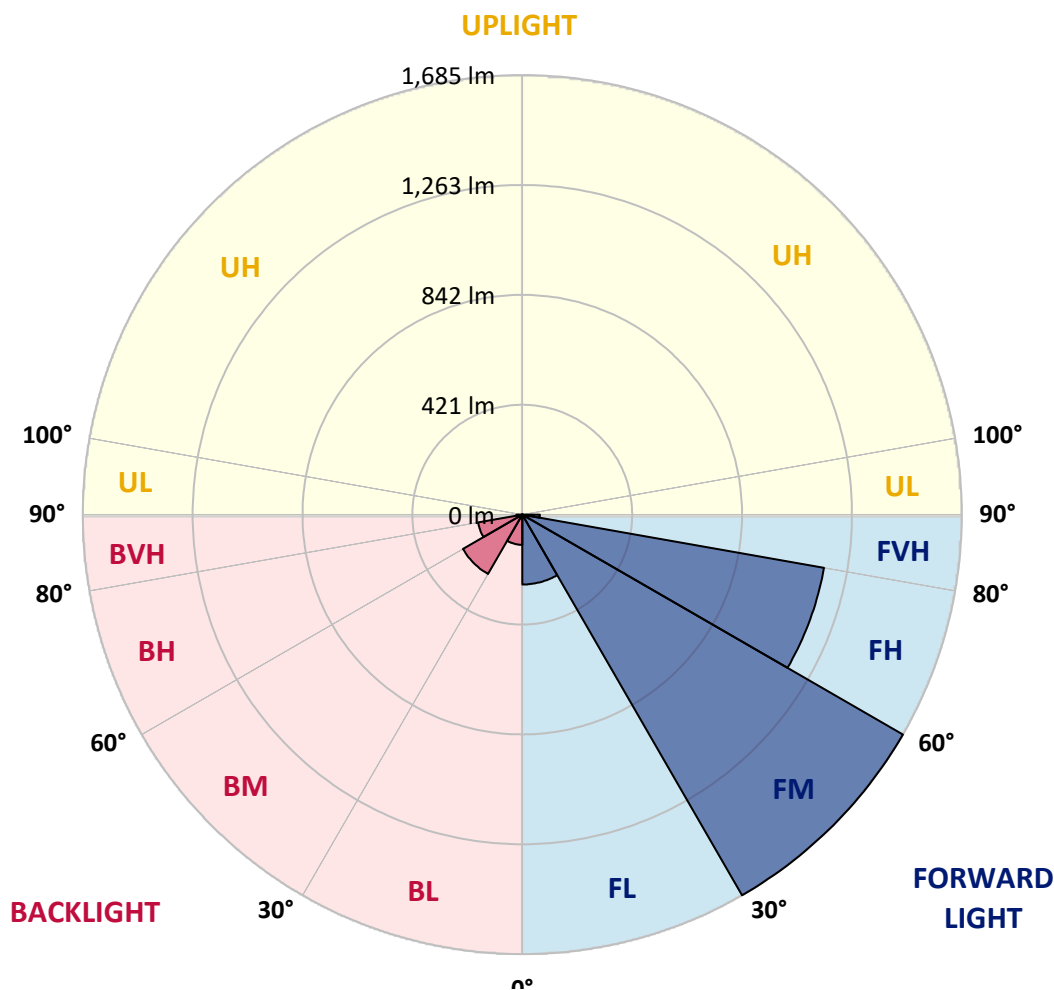
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 267.7  | 7.1       |                         |      |         |
| FM   | (30°-60°)   | 1684.5 | 44.7      |                         |      |         |
| FH   | (60°-80°)   | 1174.0 | 31.2      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 67.4   | 1.8       |                         |      | G1/100  |
| BL   | (0°-30°)    | 115.7  | 3.1       | B1/500                  |      |         |
| BM   | (30°-60°)   | 262.8  | 7.0       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 171.9  | 4.6       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 22.6   | 0.6       |                         |      | G1/100  |
| 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 Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 77.5°  | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 544.3  | 544.3  | 544.3  | 544.3  | 544.3  | 544.3  | 544.3  | 544.3  | 544.3  | 544.3  | 544.3  |
| 2.5°   | 565.1  | 619.1  | 592.8  | 623.3  | 638.5  | 628.8  | 620.5  | 599.7  | 581.7  | 574.8  | 556.8  |
| 5°     | 623.3  | 621.9  | 615.0  | 612.2  | 599.7  | 584.5  | 572.0  | 641.3  | 616.4  | 603.9  | 572.0  |
| 7.5°   | 552.6  | 599.7  | 634.4  | 652.4  | 652.4  | 634.4  | 615.0  | 530.5  | 573.4  | 562.3  | 516.6  |
| 10°    | 693.9  | 693.9  | 692.5  | 693.9  | 569.3  | 599.7  | 515.3  | 479.2  | 464.0  | 500.0  | 464.0  |
| 12.5°  | 590.0  | 641.3  | 699.5  | 720.2  | 663.5  | 566.5  | 527.7  | 506.9  | 397.5  | 389.2  | 411.4  |
| 15°    | 693.9  | 698.1  | 703.6  | 619.1  | 526.3  | 601.1  | 459.8  | 455.7  | 526.3  | 513.9  | 519.4  |
| 17.5°  | 556.8  | 562.3  | 682.8  | 667.6  | 612.2  | 455.7  | 573.4  | 512.5  | 486.2  | 469.5  | 468.2  |
| 20°    | 702.2  | 705.0  | 703.6  | 527.7  | 565.1  | 620.5  | 594.2  | 451.5  | 566.5  | 573.4  | 580.4  |
| 22.5°  | 594.2  | 595.6  | 602.5  | 671.8  | 572.0  | 646.8  | 536.0  | 673.2  | 555.4  | 572.0  | 432.1  |
| 25°    | 799.2  | 799.2  | 774.3  | 605.3  | 692.5  | 590.0  | 652.4  | 579.0  | 728.6  | 709.2  | 649.6  |
| 27.5°  | 745.2  | 739.6  | 710.5  | 749.3  | 624.7  | 746.6  | 645.4  | 727.2  | 790.9  | 763.2  | 788.1  |
| 30°    | 1047.1 | 1054.0 | 1016.7 | 778.4  | 760.4  | 716.1  | 743.8  | 861.5  | 1076.2 | 1061.0 | 947.4  |
| 32.5°  | 1401.7 | 1336.6 | 1166.2 | 1008.3 | 831.1  | 874.0  | 831.1  | 1016.7 | 1152.4 | 1155.2 | 1002.8 |
| 35°    | 1573.5 | 1567.9 | 1494.5 | 1189.8 | 955.7  | 955.7  | 932.2  | 1061.0 | 1250.7 | 1232.7 | 1062.4 |
| 37.5°  | 1710.6 | 1702.3 | 1651.0 | 1344.9 | 1067.9 | 1062.4 | 986.2  | 1128.8 | 1362.9 | 1317.2 | 1127.5 |
| 40°    | 1826.9 | 1815.8 | 1771.5 | 1453.0 | 1189.8 | 1163.5 | 1052.7 | 1206.4 | 1450.2 | 1454.3 | 1189.8 |
| 42.5°  | 1904.5 | 1900.3 | 1868.5 | 1551.3 | 1290.9 | 1243.8 | 1141.3 | 1306.1 | 1543.0 | 1566.5 | 1267.4 |
| 45°    | 1965.4 | 1964.1 | 1936.3 | 1659.3 | 1362.9 | 1317.2 | 1235.5 | 1380.9 | 1670.4 | 1684.3 | 1350.5 |
| 47.5°  | 1972.4 | 1977.9 | 1977.9 | 1713.4 | 1412.8 | 1382.3 | 1332.5 | 1447.4 | 1832.5 | 1803.4 | 1447.4 |
| 50°    | 1900.3 | 1905.9 | 1940.5 | 1803.4 | 1455.7 | 1436.3 | 1415.6 | 1527.7 | 1980.7 | 1937.7 | 1549.9 |
| 52.5°  | 1716.1 | 1728.6 | 1822.8 | 1759.1 | 1477.9 | 1476.5 | 1493.1 | 1631.6 | 2131.6 | 2085.9 | 1685.6 |
| 55°    | 1320.0 | 1328.3 | 1562.4 | 1628.9 | 1471.0 | 1486.2 | 1551.3 | 1760.4 | 2318.6 | 2278.5 | 1828.3 |
| 57.5°  | 1008.3 | 1031.9 | 1178.7 | 1382.3 | 1394.8 | 1477.9 | 1588.7 | 1850.5 | 2469.6 | 2429.4 | 1959.9 |
| 60°    | 811.7  | 828.3  | 914.2  | 1092.8 | 1231.3 | 1441.9 | 1639.9 | 1962.7 | 2616.4 | 2597.0 | 2101.2 |
| 62.5°  | 635.8  | 646.8  | 706.4  | 824.1  | 1000.0 | 1357.4 | 1671.8 | 2084.6 | 2785.4 | 2775.7 | 2285.4 |
| 65°    | 455.7  | 466.8  | 519.4  | 597.0  | 772.9  | 1198.1 | 1656.6 | 2200.9 | 3012.6 | 3002.9 | 2464.1 |
| 67.5°  | 332.4  | 335.2  | 369.8  | 422.5  | 548.5  | 969.6  | 1581.8 | 2274.3 | 3234.2 | 3214.8 | 2601.2 |
| 70°    | 256.2  | 259.0  | 275.6  | 295.0  | 350.4  | 734.1  | 1407.2 | 2218.9 | 3364.4 | 3331.1 | 2622.0 |
| 72.5°  | 207.8  | 207.8  | 214.7  | 224.4  | 239.6  | 479.2  | 1105.3 | 2001.4 | 3303.4 | 3238.3 | 2448.8 |
| 75°    | 174.5  | 174.5  | 178.7  | 175.9  | 167.6  | 299.2  | 768.7  | 1671.8 | 3025.0 | 2943.3 | 2131.6 |
| 77.5°  | 146.8  | 145.4  | 145.4  | 146.8  | 130.2  | 203.6  | 469.5  | 1288.1 | 2444.7 | 2365.7 | 1580.4 |
| 80°    | 120.5  | 120.5  | 120.5  | 120.5  | 106.7  | 145.4  | 279.8  | 854.6  | 1404.5 | 1225.8 | 724.4  |
| 82.5°  | 88.6   | 90.0   | 94.2   | 94.2   | 88.6   | 106.7  | 145.4  | 357.4  | 480.6  | 425.2  | 256.2  |
| 85°    | 41.6   | 42.9   | 55.4   | 58.2   | 56.8   | 52.6   | 76.2   | 160.7  | 224.4  | 203.6  | 59.6   |
| 87.5°  | 1.4    | 1.4    | 5.5    | 12.5   | 11.1   | 8.3    | 15.2   | 22.2   | 8.3    | 9.7    | 6.9    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 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):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 77.5° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   | 0.0 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 544.3  | 544.3 | 544.3 | 544.3 | 544.3 | 544.3 | 544.3 | 544.3 | 544.3 | 544.3 | 544.3 |
| 2.5°   | 544.3  | 531.9 | 502.8 | 477.9 | 451.5 | 433.5 | 393.4 | 364.3 | 349.0 | 346.3 | 350.4 |
| 5°     | 547.1  | 519.4 | 461.2 | 387.8 | 332.4 | 318.6 | 313.0 | 311.6 | 310.3 | 310.3 | 310.3 |
| 7.5°   | 482.0  | 446.0 | 358.7 | 304.7 | 313.0 | 313.0 | 313.0 | 308.9 | 283.9 | 272.9 | 272.9 |
| 10°    | 425.2  | 378.1 | 267.3 | 246.5 | 247.9 | 260.4 | 293.6 | 328.3 | 335.2 | 336.6 | 338.0 |
| 12.5°  | 368.4  | 322.7 | 227.2 | 239.6 | 216.1 | 256.2 | 303.3 | 338.0 | 304.7 | 288.1 | 288.1 |
| 15°    | 464.0  | 398.9 | 263.2 | 210.5 | 213.3 | 256.2 | 231.3 | 313.0 | 335.2 | 336.6 | 338.0 |
| 17.5°  | 418.3  | 351.8 | 245.2 | 221.6 | 234.1 | 195.3 | 264.6 | 296.4 | 272.9 | 270.1 | 267.3 |
| 20°    | 508.3  | 418.3 | 256.2 | 220.2 | 218.8 | 236.8 | 224.4 | 224.4 | 304.7 | 304.7 | 304.7 |
| 22.5°  | 376.7  | 310.3 | 249.3 | 247.9 | 209.1 | 234.1 | 223.0 | 249.3 | 239.6 | 235.5 | 235.5 |
| 25°    | 552.6  | 437.7 | 272.9 | 217.5 | 224.4 | 206.4 | 229.9 | 205.0 | 253.5 | 256.2 | 256.2 |
| 27.5°  | 663.5  | 513.9 | 296.4 | 241.0 | 206.4 | 221.6 | 189.8 | 206.4 | 195.3 | 196.7 | 196.7 |
| 30°    | 790.9  | 602.5 | 368.4 | 252.1 | 211.9 | 182.8 | 188.4 | 178.7 | 211.9 | 207.8 | 206.4 |
| 32.5°  | 825.5  | 608.1 | 354.6 | 267.3 | 206.4 | 184.2 | 170.4 | 184.2 | 196.7 | 214.7 | 214.7 |
| 35°    | 865.7  | 613.6 | 335.2 | 254.9 | 202.2 | 171.8 | 169.0 | 184.2 | 199.5 | 193.9 | 193.9 |
| 37.5°  | 903.1  | 617.7 | 320.0 | 239.6 | 185.6 | 167.6 | 167.6 | 170.4 | 185.6 | 177.3 | 177.3 |
| 40°    | 946.0  | 619.1 | 301.9 | 223.0 | 171.8 | 164.8 | 155.1 | 157.9 | 159.3 | 153.7 | 152.4 |
| 42.5°  | 994.5  | 617.7 | 281.2 | 207.8 | 159.3 | 153.7 | 146.8 | 146.8 | 151.0 | 149.6 | 148.2 |
| 45°    | 1047.1 | 616.4 | 259.0 | 189.8 | 145.4 | 138.5 | 134.4 | 151.0 | 157.9 | 157.9 | 155.1 |
| 47.5°  | 1110.8 | 616.4 | 238.2 | 169.0 | 135.7 | 124.7 | 121.9 | 139.9 | 153.7 | 156.5 | 159.3 |
| 50°    | 1184.2 | 613.6 | 218.8 | 153.7 | 126.0 | 116.3 | 120.5 | 138.5 | 149.6 | 153.7 | 152.4 |
| 52.5°  | 1279.8 | 608.1 | 202.2 | 141.3 | 119.1 | 106.7 | 113.6 | 134.4 | 148.2 | 149.6 | 148.2 |
| 55°    | 1362.9 | 588.7 | 185.6 | 135.7 | 113.6 | 101.1 | 109.4 | 133.0 | 145.4 | 145.4 | 145.4 |
| 57.5°  | 1433.6 | 561.0 | 171.8 | 131.6 | 112.2 | 99.7  | 108.0 | 131.6 | 139.9 | 144.0 | 144.0 |
| 60°    | 1519.4 | 526.3 | 162.1 | 130.2 | 110.8 | 98.3  | 106.7 | 130.2 | 137.1 | 142.7 | 142.7 |
| 62.5°  | 1608.1 | 497.2 | 156.5 | 130.2 | 106.7 | 99.7  | 106.7 | 130.2 | 135.7 | 142.7 | 141.3 |
| 65°    | 1680.1 | 459.8 | 151.0 | 133.0 | 105.3 | 99.7  | 106.7 | 130.2 | 134.4 | 141.3 | 141.3 |
| 67.5°  | 1676.0 | 408.6 | 144.0 | 139.9 | 106.7 | 101.1 | 106.7 | 128.8 | 131.6 | 141.3 | 138.5 |
| 70°    | 1581.8 | 349.0 | 133.0 | 138.5 | 110.8 | 101.1 | 105.3 | 124.7 | 126.0 | 138.5 | 134.4 |
| 72.5°  | 1411.4 | 282.6 | 117.7 | 130.2 | 110.8 | 102.5 | 102.5 | 119.1 | 119.1 | 133.0 | 124.7 |
| 75°    | 1181.5 | 217.5 | 97.0  | 115.0 | 105.3 | 105.3 | 97.0  | 112.2 | 109.4 | 117.7 | 109.4 |
| 77.5°  | 880.9  | 164.8 | 74.8  | 95.6  | 95.6  | 103.9 | 92.8  | 103.9 | 99.7  | 101.1 | 97.0  |
| 80°    | 367.0  | 99.7  | 56.8  | 74.8  | 81.7  | 101.1 | 88.6  | 94.2  | 84.5  | 84.5  | 81.7  |
| 82.5°  | 152.4  | 63.7  | 38.8  | 47.1  | 55.4  | 90.0  | 84.5  | 80.3  | 69.3  | 63.7  | 59.6  |
| 85°    | 55.4   | 34.6  | 26.3  | 31.9  | 36.0  | 62.3  | 60.9  | 51.2  | 40.2  | 44.3  | 36.0  |
| 87.5°  | 4.2    | 5.5   | 5.5   | 6.9   | 6.9   | 8.3   | 13.9  | 13.9  | 8.3   | 6.9   | 4.2   |
| 90°    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 97.5°  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 100°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 102.5° | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 105°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 107.5° | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P560251

CATALOG NUMBER: SDL-PA1-30-760-U-T2R

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|





|      |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

(END OF REPORT)