

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: P560914

Luminaire Tested: **SDL-PA1-70-740-U-T2U-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560914  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-70-740-U-T2U-HSS  
Description: Springdale  
(1) 70 CRI, 4000K, 930mA LIGHT ENGINE WITH 24 LEDS AND TYPE II U OPTICS  
AND HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6140.9 lumens  
Efficiency: N/A  
Efficacy: 85.1 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 - U0 - 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

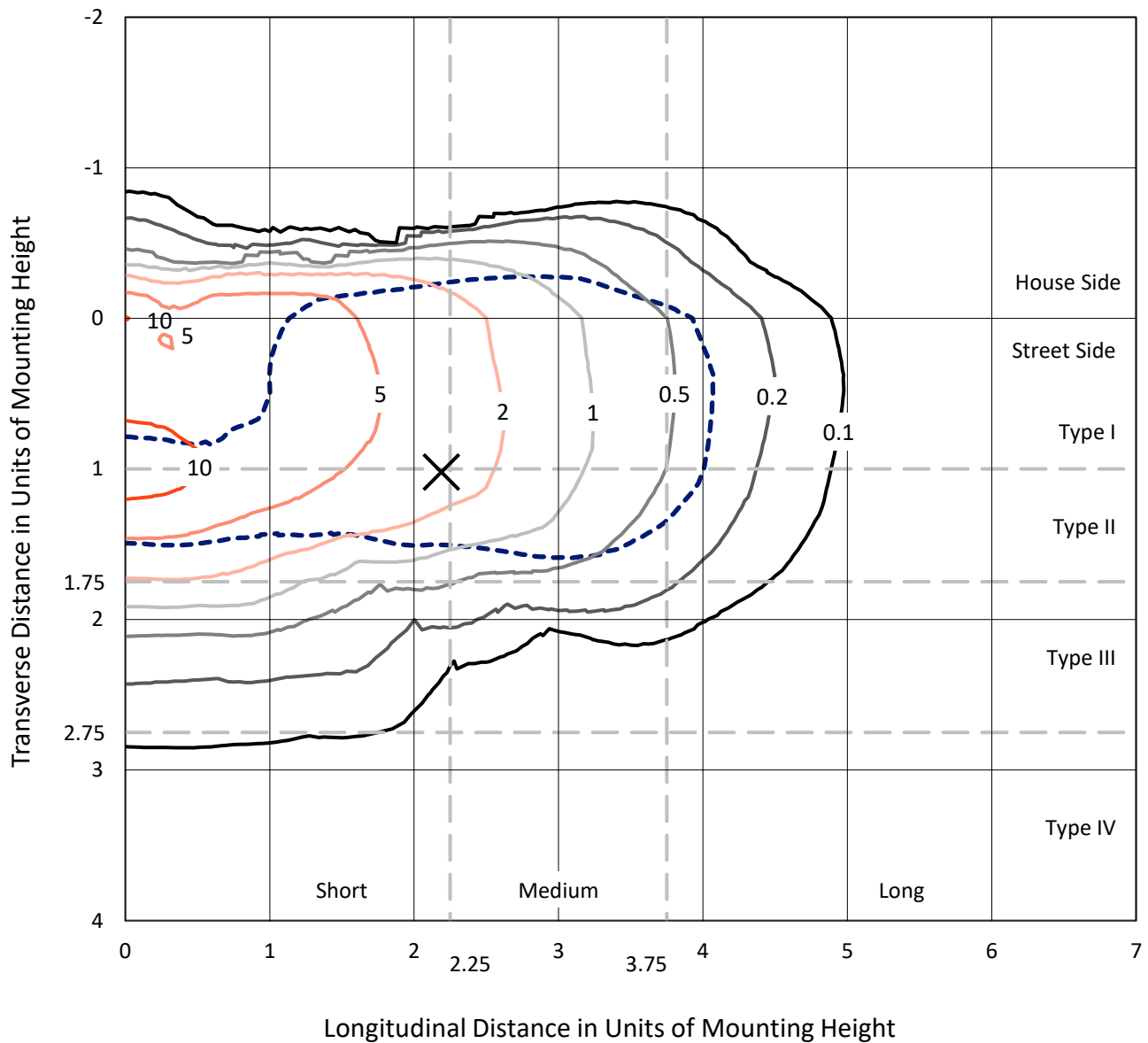


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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
- - - 1/2 Max cd

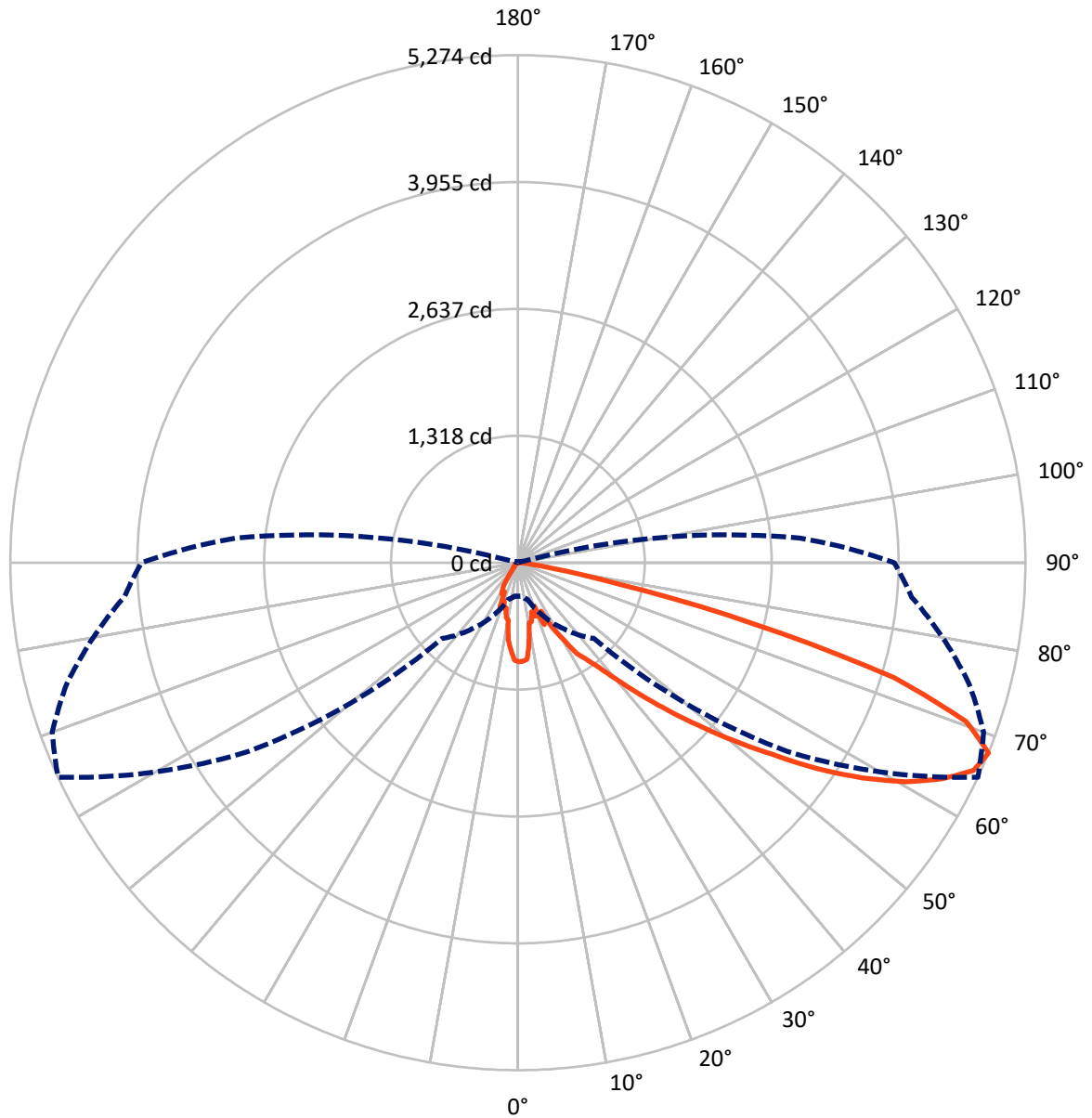


Based on 10 foot mounting height. Maximum calculated value = 13.6 fc  
Type II - Short - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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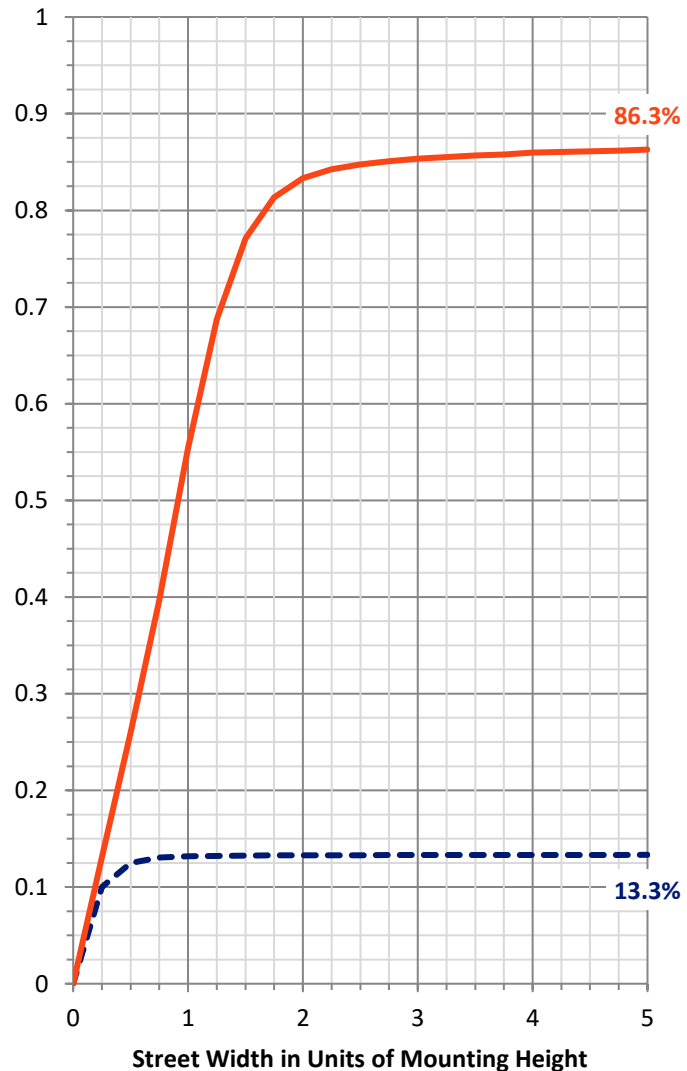
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 830.4    | 0.0    | 830.4  |
|                    | % Fixture | 13.5     | 0.0    | 13.5   |
| <b>Street Side</b> | Lumens    | 5310.5   | 0.0    | 5310.5 |
|                    | % Fixture | 86.5     | 0.0    | 86.5   |
| <b>Total</b>       | Lumens    | 6140.9   | 0.0    | 6140.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 78.9   | 1.3       |
| 10°-20°   | 152.6  | 2.5       |
| 20°-30°   | 230.5  | 3.8       |
| 30°-40°   | 530.9  | 8.6       |
| 40°-50°   | 1164.6 | 19.0      |
| 50°-60°   | 1709.7 | 27.8      |
| 60°-70°   | 1485.0 | 24.2      |
| 70°-80°   | 736.3  | 12.0      |
| 80°-90°   | 52.3   | 0.9       |
| 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°    | 6140.9 | 100.0     |
| 0°-180°   | 6140.9 | 100.0     |



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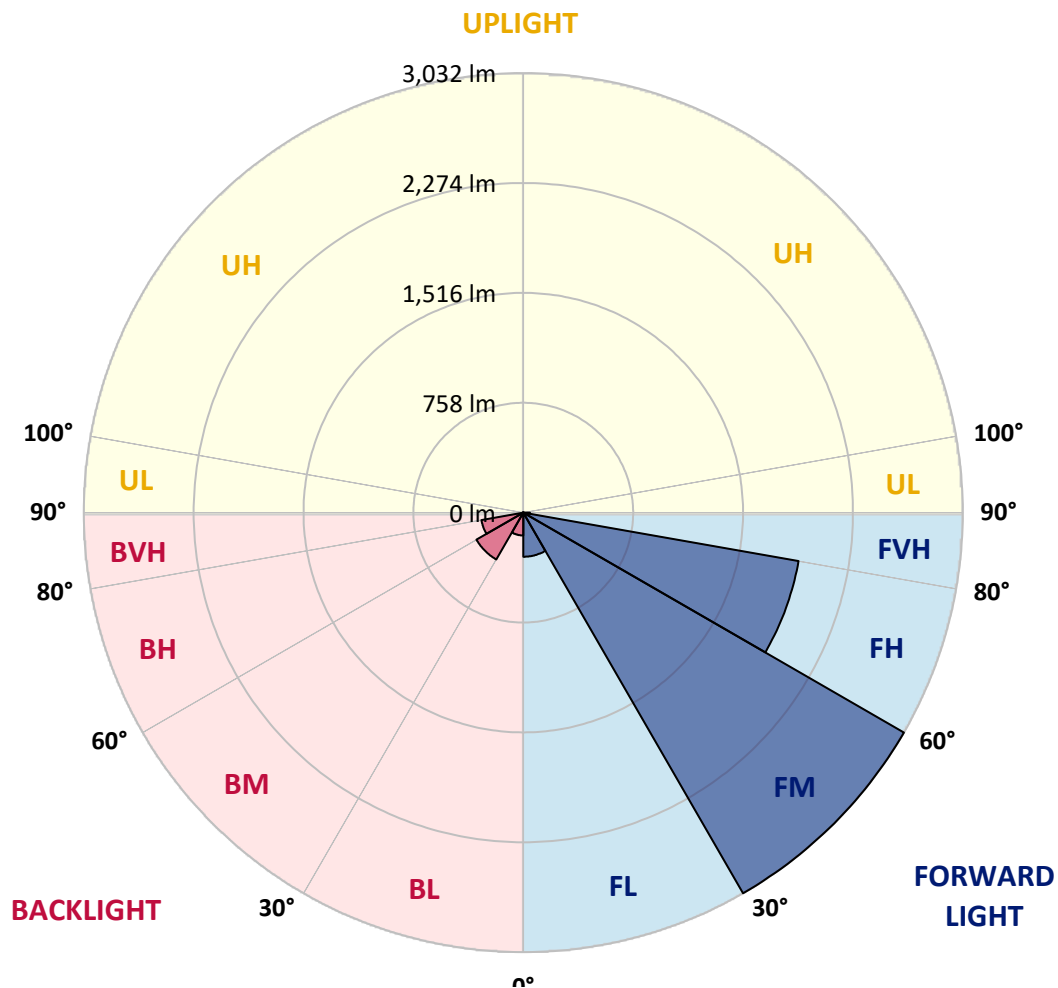
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 304.4  | 5.0       |                         |      |         |
| FM   | (30°-60°)   | 3032.2 | 49.4      |                         |      |         |
| FH   | (60°-80°)   | 1927.9 | 31.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 46.0   | 0.7       |                         |      | G1/100  |
| BL   | (0°-30°)    | 157.7  | 2.6       | B1/500                  |      |         |
| BM   | (30°-60°)   | 373.0  | 6.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 293.4  | 4.8       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 6.3    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 |
| 2.5°  | 860.9  | 932.1  | 953.8  | 975.5  | 994.0  | 1012.6 | 1015.7 | 1018.8 | 1025.0 | 1028.1 | 1031.2 |
| 5°    | 842.3  | 845.4  | 845.4  | 842.3  | 845.4  | 848.5  | 848.5  | 848.5  | 848.5  | 848.5  | 851.6  |
| 7.5°  | 675.1  | 755.6  | 780.4  | 802.0  | 814.4  | 823.7  | 829.9  | 833.0  | 836.1  | 839.2  | 842.3  |
| 10°   | 814.4  | 811.3  | 814.4  | 814.4  | 817.5  | 817.5  | 746.3  | 675.1  | 699.9  | 721.5  | 684.4  |
| 12.5° | 647.2  | 712.2  | 740.1  | 768.0  | 786.6  | 802.0  | 771.1  | 737.0  | 672.0  | 603.9  | 607.0  |
| 15°   | 780.4  | 780.4  | 780.4  | 780.4  | 721.5  | 659.6  | 619.3  | 576.0  | 610.1  | 641.0  | 579.1  |
| 17.5° | 628.6  | 628.6  | 684.4  | 740.1  | 740.1  | 737.0  | 696.8  | 653.4  | 566.7  | 480.0  | 557.4  |
| 20°   | 777.3  | 777.3  | 780.4  | 783.5  | 681.3  | 579.1  | 613.1  | 644.1  | 656.5  | 668.9  | 641.0  |
| 22.5° | 634.8  | 634.8  | 644.1  | 650.3  | 687.5  | 724.6  | 625.5  | 526.4  | 607.0  | 687.5  | 631.7  |
| 25°   | 820.6  | 823.7  | 829.9  | 833.0  | 740.1  | 644.1  | 687.5  | 730.8  | 644.1  | 557.4  | 644.1  |
| 27.5° | 743.2  | 730.8  | 730.8  | 727.7  | 758.7  | 786.6  | 724.6  | 662.7  | 718.4  | 774.2  | 709.1  |
| 30°   | 1043.6 | 1034.3 | 1021.9 | 1009.5 | 891.9  | 774.2  | 777.3  | 777.3  | 755.6  | 733.9  | 771.1  |
| 32.5° | 1446.2 | 1430.7 | 1325.4 | 1220.1 | 1133.4 | 1046.7 | 956.9  | 867.1  | 898.0  | 925.9  | 907.3  |
| 35°   | 1941.6 | 1941.6 | 1842.5 | 1743.4 | 1548.4 | 1353.3 | 1201.5 | 1046.7 | 1034.3 | 1021.9 | 1040.5 |
| 37.5° | 2530.0 | 2468.1 | 2350.4 | 2232.7 | 1991.2 | 1746.5 | 1514.3 | 1282.0 | 1254.2 | 1223.2 | 1192.2 |
| 40°   | 2966.6 | 2957.4 | 2867.6 | 2777.7 | 2480.5 | 2183.2 | 1910.7 | 1635.1 | 1545.3 | 1452.4 | 1384.2 |
| 42.5° | 3421.9 | 3387.8 | 3316.6 | 3242.3 | 2941.9 | 2638.4 | 2347.3 | 2053.1 | 1929.3 | 1805.4 | 1684.6 |
| 45°   | 3750.1 | 3740.8 | 3678.9 | 3617.0 | 3372.3 | 3124.6 | 2821.1 | 2514.5 | 2434.0 | 2353.5 | 2127.4 |
| 47.5° | 3954.5 | 3901.9 | 3877.1 | 3849.2 | 3638.6 | 3428.1 | 3171.0 | 2910.9 | 2898.5 | 2883.0 | 2598.1 |
| 50°   | 3892.6 | 3846.1 | 3852.3 | 3858.5 | 3756.3 | 3654.1 | 3459.0 | 3260.8 | 3294.9 | 3329.0 | 3093.6 |
| 52.5° | 3564.3 | 3524.1 | 3579.8 | 3632.4 | 3629.3 | 3626.2 | 3555.0 | 3480.7 | 3604.6 | 3725.3 | 3564.3 |
| 55°   | 2907.8 | 2935.7 | 3047.2 | 3158.6 | 3233.0 | 3304.2 | 3406.4 | 3505.5 | 3740.8 | 3973.1 | 3942.1 |
| 57.5° | 2279.2 | 2341.1 | 2455.7 | 2567.2 | 2687.9 | 2805.6 | 3022.4 | 3239.2 | 3635.5 | 4028.8 | 4165.1 |
| 60°   | 1529.8 | 1570.0 | 1771.3 | 1969.5 | 2081.0 | 2192.5 | 2427.8 | 2660.1 | 3198.9 | 3734.6 | 4090.8 |
| 62.5° | 950.7  | 972.4  | 1086.9 | 1201.5 | 1427.6 | 1653.6 | 1771.3 | 1885.9 | 2468.1 | 3047.2 | 3706.8 |
| 65°   | 585.3  | 579.1  | 625.5  | 668.9  | 891.9  | 1111.7 | 1189.1 | 1263.5 | 1650.5 | 2034.5 | 3059.5 |
| 67.5° | 349.9  | 346.8  | 371.6  | 396.4  | 498.6  | 600.8  | 721.5  | 842.3  | 978.6  | 1111.7 | 2266.8 |
| 70°   | 284.9  | 291.1  | 300.4  | 309.7  | 337.5  | 365.4  | 476.9  | 588.4  | 585.3  | 582.2  | 1362.6 |
| 72.5° | 238.4  | 244.6  | 263.2  | 278.7  | 300.4  | 319.0  | 384.0  | 445.9  | 418.1  | 390.2  | 650.3  |
| 75°   | 176.5  | 179.6  | 204.4  | 226.1  | 260.1  | 291.1  | 306.6  | 319.0  | 306.6  | 294.2  | 328.3  |
| 77.5° | 117.7  | 117.7  | 139.4  | 161.0  | 195.1  | 229.2  | 247.7  | 266.3  | 244.6  | 223.0  | 232.3  |
| 80°   | 74.3   | 74.3   | 86.7   | 96.0   | 130.1  | 164.1  | 185.8  | 207.5  | 188.9  | 167.2  | 164.1  |
| 82.5° | 43.4   | 46.5   | 52.6   | 58.8   | 80.5   | 102.2  | 117.7  | 133.2  | 154.8  | 173.4  | 139.4  |
| 85°   | 18.6   | 21.7   | 27.9   | 31.0   | 43.4   | 52.6   | 61.9   | 71.2   | 89.8   | 108.4  | 89.8   |
| 87.5° | 3.1    | 3.1    | 6.2    | 9.3    | 12.4   | 15.5   | 15.5   | 15.5   | 15.5   | 12.4   | 15.5   |
| 90°   | 0.0    | 0.0    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 3.1    | 6.2    |

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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 |
| 2.5°  | 1031.2 | 1028.1 | 1025.0 | 1025.0 | 1025.0 | 1021.9 | 1018.8 | 1018.8 | 1018.8 | 1015.7 | 1012.6 |
| 5°    | 851.6  | 929.0  | 1006.4 | 1009.5 | 1015.7 | 1012.6 | 1009.5 | 1006.4 | 1003.3 | 1000.2 | 994.0  |
| 7.5°  | 842.3  | 836.1  | 829.9  | 808.2  | 882.6  | 882.6  | 879.5  | 879.5  | 873.3  | 848.5  | 823.7  |
| 10°   | 644.1  | 641.0  | 634.8  | 644.1  | 659.6  | 712.2  | 761.8  | 758.7  | 749.4  | 690.6  | 631.7  |
| 12.5° | 610.1  | 619.3  | 628.6  | 597.7  | 538.8  | 588.4  | 637.9  | 631.7  | 625.5  | 572.9  | 517.2  |
| 15°   | 517.2  | 523.3  | 529.5  | 579.1  | 668.9  | 715.3  | 758.7  | 752.5  | 746.3  | 684.4  | 619.3  |
| 17.5° | 634.8  | 610.1  | 585.3  | 619.3  | 588.4  | 610.1  | 631.7  | 607.0  | 588.4  | 563.6  | 538.8  |
| 20°   | 610.1  | 545.0  | 480.0  | 579.1  | 693.7  | 730.8  | 768.0  | 758.7  | 740.1  | 681.3  | 619.3  |
| 22.5° | 572.9  | 637.9  | 699.9  | 668.9  | 613.1  | 579.1  | 545.0  | 529.5  | 517.2  | 520.2  | 523.3  |
| 25°   | 727.7  | 644.1  | 557.4  | 706.0  | 795.9  | 808.2  | 817.5  | 789.7  | 758.7  | 693.7  | 625.5  |
| 27.5° | 641.0  | 703.0  | 761.8  | 820.6  | 851.6  | 860.9  | 867.1  | 907.3  | 842.3  | 755.6  | 668.9  |
| 30°   | 808.2  | 860.9  | 913.5  | 1043.6 | 1148.9 | 1167.5 | 1186.0 | 1139.6 | 1086.9 | 981.7  | 876.4  |
| 32.5° | 888.8  | 1009.5 | 1127.2 | 1189.1 | 1232.5 | 1248.0 | 1263.5 | 1201.5 | 1142.7 | 1006.4 | 867.1  |
| 35°   | 1056.0 | 1145.8 | 1235.6 | 1306.8 | 1390.4 | 1393.5 | 1396.6 | 1328.5 | 1254.2 | 1056.0 | 857.8  |
| 37.5° | 1158.2 | 1275.8 | 1390.4 | 1470.9 | 1601.0 | 1591.7 | 1582.4 | 1501.9 | 1412.1 | 1133.4 | 854.7  |
| 40°   | 1313.0 | 1464.7 | 1613.4 | 1690.8 | 1848.7 | 1820.9 | 1793.0 | 1700.1 | 1601.0 | 1217.0 | 833.0  |
| 42.5° | 1563.8 | 1724.9 | 1885.9 | 1950.9 | 2124.3 | 2093.4 | 2059.3 | 1935.4 | 1808.5 | 1285.1 | 761.8  |
| 45°   | 1898.3 | 2043.8 | 2189.4 | 2304.0 | 2440.2 | 2390.7 | 2341.1 | 2208.0 | 2022.2 | 1344.0 | 665.8  |
| 47.5° | 2310.1 | 2418.5 | 2526.9 | 2753.0 | 2852.1 | 2753.0 | 2650.8 | 2489.8 | 2254.4 | 1393.5 | 532.6  |
| 50°   | 2858.3 | 2883.0 | 2904.7 | 3186.5 | 3285.6 | 3133.9 | 2982.1 | 2774.7 | 2492.9 | 1449.3 | 402.6  |
| 52.5° | 3400.2 | 3353.7 | 3304.2 | 3607.7 | 3644.8 | 3443.5 | 3239.2 | 3022.4 | 2669.4 | 1480.2 | 288.0  |
| 55°   | 3911.1 | 3846.1 | 3778.0 | 3994.8 | 3970.0 | 3703.7 | 3437.3 | 3174.1 | 2777.7 | 1489.5 | 201.3  |
| 57.5° | 4301.3 | 4261.1 | 4217.7 | 4316.8 | 4223.9 | 3911.1 | 3598.4 | 3335.2 | 2858.3 | 1505.0 | 148.6  |
| 60°   | 4443.8 | 4533.6 | 4623.4 | 4611.0 | 4440.7 | 4109.3 | 3778.0 | 3499.3 | 2907.8 | 1511.2 | 111.5  |
| 62.5° | 4366.4 | 4657.5 | 4945.4 | 4827.8 | 4620.3 | 4270.4 | 3917.3 | 3647.9 | 2929.5 | 1508.1 | 86.7   |
| 65°   | 4084.6 | 4645.1 | 5202.5 | 5007.4 | 4747.3 | 4397.3 | 4047.4 | 3805.9 | 2954.3 | 1511.2 | 68.1   |
| 67.5° | 3418.8 | 4347.8 | 5273.7 | 5149.8 | 4852.5 | 4480.9 | 4106.2 | 3911.1 | 2941.9 | 1498.8 | 55.7   |
| 70°   | 2139.8 | 3539.5 | 4939.3 | 5035.3 | 4852.5 | 4443.8 | 4035.0 | 3880.2 | 2830.4 | 1436.9 | 43.4   |
| 72.5° | 907.3  | 2499.0 | 4090.8 | 4508.8 | 4635.8 | 4239.4 | 3843.0 | 3651.0 | 2591.9 | 1313.0 | 34.1   |
| 75°   | 359.2  | 1436.9 | 2514.5 | 3177.2 | 3567.4 | 3400.2 | 3229.9 | 2972.8 | 1700.1 | 864.0  | 24.8   |
| 77.5° | 241.5  | 656.5  | 1071.5 | 1560.7 | 1861.1 | 1926.2 | 1991.2 | 1697.0 | 678.2  | 349.9  | 18.6   |
| 80°   | 161.0  | 263.2  | 365.4  | 560.5  | 668.9  | 631.7  | 591.5  | 486.2  | 207.5  | 111.5  | 15.5   |
| 82.5° | 102.2  | 136.3  | 170.3  | 192.0  | 198.2  | 142.4  | 86.7   | 71.2   | 24.8   | 18.6   | 9.3    |
| 85°   | 68.1   | 80.5   | 92.9   | 96.0   | 96.0   | 68.1   | 37.2   | 18.6   | 9.3    | 9.3    | 6.2    |
| 87.5° | 18.6   | 21.7   | 21.7   | 21.7   | 15.5   | 12.4   | 9.3    | 6.2    | 6.2    | 6.2    | 6.2    |
| 90°   | 9.3    | 12.4   | 12.4   | 12.4   | 9.3    | 9.3    | 6.2    | 6.2    | 6.2    | 6.2    | 6.2    |

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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 | 1028.1 |
| 2.5°  | 1012.6 | 1012.6 | 1009.5 | 1006.4 | 1006.4 | 1003.3 | 972.4  | 938.3  | 907.3  | 873.3  | 870.2  |
| 5°    | 953.8  | 910.4  | 870.2  | 829.9  | 823.7  | 814.4  | 814.4  | 811.3  | 811.3  | 808.2  | 808.2  |
| 7.5°  | 817.5  | 811.3  | 805.1  | 799.0  | 795.9  | 789.7  | 786.6  | 780.4  | 777.3  | 771.1  | 737.0  |
| 10°   | 619.3  | 603.9  | 603.9  | 600.8  | 607.0  | 613.1  | 610.1  | 603.9  | 644.1  | 684.4  | 681.3  |
| 12.5° | 551.2  | 582.2  | 554.3  | 523.3  | 532.6  | 538.8  | 548.1  | 557.4  | 554.3  | 548.1  | 501.7  |
| 15°   | 554.3  | 486.2  | 464.5  | 439.7  | 452.1  | 461.4  | 380.9  | 297.3  | 281.8  | 266.3  | 247.7  |
| 17.5° | 517.2  | 495.5  | 480.0  | 461.4  | 353.0  | 241.5  | 216.8  | 192.0  | 170.3  | 145.5  | 142.4  |
| 20°   | 523.3  | 424.2  | 396.4  | 365.4  | 281.8  | 198.2  | 151.7  | 105.3  | 92.9   | 80.5   | 92.9   |
| 22.5° | 511.0  | 495.5  | 362.3  | 229.2  | 170.3  | 111.5  | 92.9   | 71.2   | 77.4   | 83.6   | 83.6   |
| 25°   | 480.0  | 334.4  | 260.1  | 185.8  | 130.1  | 71.2   | 74.3   | 74.3   | 68.1   | 58.8   | 65.0   |
| 27.5° | 520.2  | 368.5  | 235.3  | 99.1   | 86.7   | 71.2   | 65.0   | 55.7   | 55.7   | 55.7   | 52.6   |
| 30°   | 600.8  | 322.1  | 201.3  | 80.5   | 68.1   | 55.7   | 52.6   | 49.5   | 46.5   | 40.3   | 43.4   |
| 32.5° | 569.8  | 272.5  | 170.3  | 68.1   | 58.8   | 49.5   | 43.4   | 37.2   | 37.2   | 37.2   | 37.2   |
| 35°   | 517.2  | 173.4  | 117.7  | 58.8   | 49.5   | 40.3   | 37.2   | 31.0   | 31.0   | 31.0   | 31.0   |
| 37.5° | 483.1  | 111.5  | 80.5   | 46.5   | 40.3   | 34.1   | 31.0   | 24.8   | 24.8   | 24.8   | 27.9   |
| 40°   | 455.2  | 77.4   | 58.8   | 40.3   | 34.1   | 24.8   | 21.7   | 18.6   | 21.7   | 21.7   | 21.7   |
| 42.5° | 415.0  | 65.0   | 49.5   | 34.1   | 27.9   | 21.7   | 18.6   | 15.5   | 18.6   | 18.6   | 18.6   |
| 45°   | 362.3  | 58.8   | 43.4   | 27.9   | 24.8   | 18.6   | 15.5   | 12.4   | 15.5   | 15.5   | 15.5   |
| 47.5° | 291.1  | 49.5   | 37.2   | 24.8   | 21.7   | 15.5   | 15.5   | 12.4   | 12.4   | 12.4   | 12.4   |
| 50°   | 226.1  | 46.5   | 34.1   | 21.7   | 18.6   | 12.4   | 12.4   | 9.3    | 12.4   | 12.4   | 12.4   |
| 52.5° | 164.1  | 40.3   | 31.0   | 18.6   | 15.5   | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    |
| 55°   | 117.7  | 34.1   | 24.8   | 15.5   | 12.4   | 9.3    | 9.3    | 6.2    | 9.3    | 9.3    | 9.3    |
| 57.5° | 89.8   | 31.0   | 21.7   | 12.4   | 9.3    | 6.2    | 6.2    | 6.2    | 6.2    | 6.2    | 6.2    |
| 60°   | 71.2   | 27.9   | 21.7   | 12.4   | 9.3    | 6.2    | 6.2    | 3.1    | 6.2    | 6.2    | 6.2    |
| 62.5° | 55.7   | 21.7   | 18.6   | 12.4   | 9.3    | 6.2    | 6.2    | 3.1    | 6.2    | 6.2    | 6.2    |
| 65°   | 43.4   | 18.6   | 15.5   | 9.3    | 6.2    | 3.1    | 3.1    | 3.1    | 6.2    | 6.2    | 6.2    |
| 67.5° | 37.2   | 15.5   | 12.4   | 9.3    | 6.2    | 3.1    | 6.2    | 6.2    | 6.2    | 6.2    | 6.2    |
| 70°   | 31.0   | 15.5   | 12.4   | 9.3    | 6.2    | 3.1    | 6.2    | 6.2    | 9.3    | 9.3    | 6.2    |
| 72.5° | 24.8   | 12.4   | 9.3    | 6.2    | 6.2    | 3.1    | 6.2    | 6.2    | 9.3    | 9.3    | 6.2    |
| 75°   | 18.6   | 9.3    | 9.3    | 6.2    | 6.2    | 3.1    | 6.2    | 9.3    | 9.3    | 9.3    | 6.2    |
| 77.5° | 15.5   | 9.3    | 9.3    | 6.2    | 6.2    | 3.1    | 6.2    | 9.3    | 9.3    | 9.3    | 9.3    |
| 80°   | 12.4   | 6.2    | 6.2    | 6.2    | 3.1    | 0.0    | 6.2    | 12.4   | 12.4   | 9.3    | 9.3    |
| 82.5° | 9.3    | 6.2    | 6.2    | 6.2    | 3.1    | 0.0    | 6.2    | 12.4   | 12.4   | 9.3    | 9.3    |
| 85°   | 6.2    | 6.2    | 6.2    | 6.2    | 6.2    | 3.1    | 9.3    | 12.4   | 12.4   | 9.3    | 9.3    |
| 87.5° | 6.2    | 6.2    | 6.2    | 6.2    | 6.2    | 3.1    | 6.2    | 9.3    | 9.3    | 9.3    | 9.3    |
| 90°   | 6.2    | 6.2    | 9.3    | 9.3    | 6.2    | 3.1    | 6.2    | 9.3    | 9.3    | 9.3    | 9.3    |



REPORT NUMBER: P560914

CATALOG NUMBER: SDL-PA1-70-740-U-T2U-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|
| 0°    | 1028.1 | 1028.1 | 1028.1 | 1028.1 |
| 2.5°  | 864.0  | 870.2  | 873.3  | 867.1  |
| 5°    | 805.1  | 805.1  | 802.0  | 811.3  |
| 7.5°  | 699.9  | 681.3  | 659.6  | 644.1  |
| 10°   | 675.1  | 659.6  | 644.1  | 647.2  |
| 12.5° | 452.1  | 405.7  | 359.2  | 374.7  |
| 15°   | 229.2  | 216.8  | 204.4  | 204.4  |
| 17.5° | 136.3  | 123.9  | 108.4  | 111.5  |
| 20°   | 102.2  | 102.2  | 102.2  | 102.2  |
| 22.5° | 80.5   | 77.4   | 71.2   | 68.1   |
| 25°   | 68.1   | 68.1   | 68.1   | 68.1   |
| 27.5° | 49.5   | 49.5   | 46.5   | 43.4   |
| 30°   | 43.4   | 43.4   | 43.4   | 40.3   |
| 32.5° | 34.1   | 37.2   | 37.2   | 37.2   |
| 35°   | 31.0   | 31.0   | 31.0   | 31.0   |
| 37.5° | 27.9   | 27.9   | 24.8   | 24.8   |
| 40°   | 21.7   | 21.7   | 21.7   | 21.7   |
| 42.5° | 18.6   | 18.6   | 18.6   | 18.6   |
| 45°   | 15.5   | 15.5   | 15.5   | 15.5   |
| 47.5° | 12.4   | 12.4   | 12.4   | 12.4   |
| 50°   | 12.4   | 12.4   | 9.3    | 9.3    |
| 52.5° | 9.3    | 9.3    | 6.2    | 6.2    |
| 55°   | 6.2    | 6.2    | 6.2    | 6.2    |
| 57.5° | 6.2    | 6.2    | 3.1    | 3.1    |
| 60°   | 6.2    | 6.2    | 3.1    | 3.1    |
| 62.5° | 3.1    | 3.1    | 3.1    | 3.1    |
| 65°   | 3.1    | 3.1    | 0.0    | 0.0    |
| 67.5° | 3.1    | 3.1    | 0.0    | 0.0    |
| 70°   | 3.1    | 3.1    | 0.0    | 0.0    |
| 72.5° | 3.1    | 3.1    | 0.0    | 0.0    |
| 75°   | 3.1    | 3.1    | 0.0    | 0.0    |
| 77.5° | 6.2    | 3.1    | 0.0    | 0.0    |
| 80°   | 6.2    | 6.2    | 3.1    | 0.0    |
| 82.5° | 6.2    | 6.2    | 3.1    | 0.0    |
| 85°   | 6.2    | 6.2    | 3.1    | 0.0    |
| 87.5° | 6.2    | 6.2    | 3.1    | 0.0    |
| 90°   | 6.2    | 6.2    | 3.1    | 0.0    |



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