

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: P559851

Luminaire Tested: **SDL-PA1-100-740-U-SL3**

Issue Date: 7/26/2021

### Test Information

Test Method: LM-79-08  
Report Number: P559851  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-100-740-U-SL3  
Description: Springdale  
(1) 70 CRI, 4000K, 1200mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 10264.1 lumens  
Efficiency: N/A  
Efficacy: 109.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U0 - G3

Input Watts (W): 93.8  
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



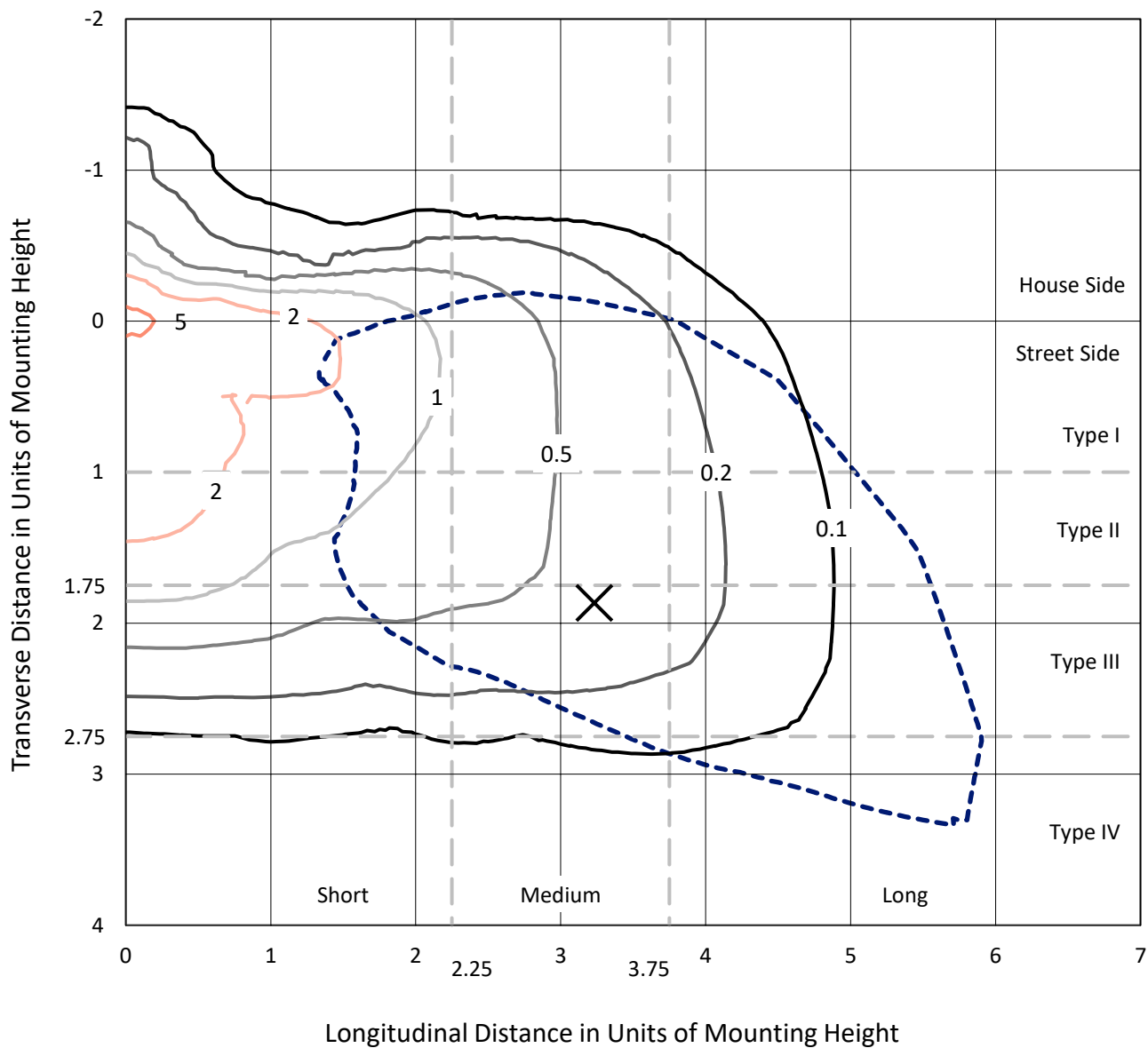
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



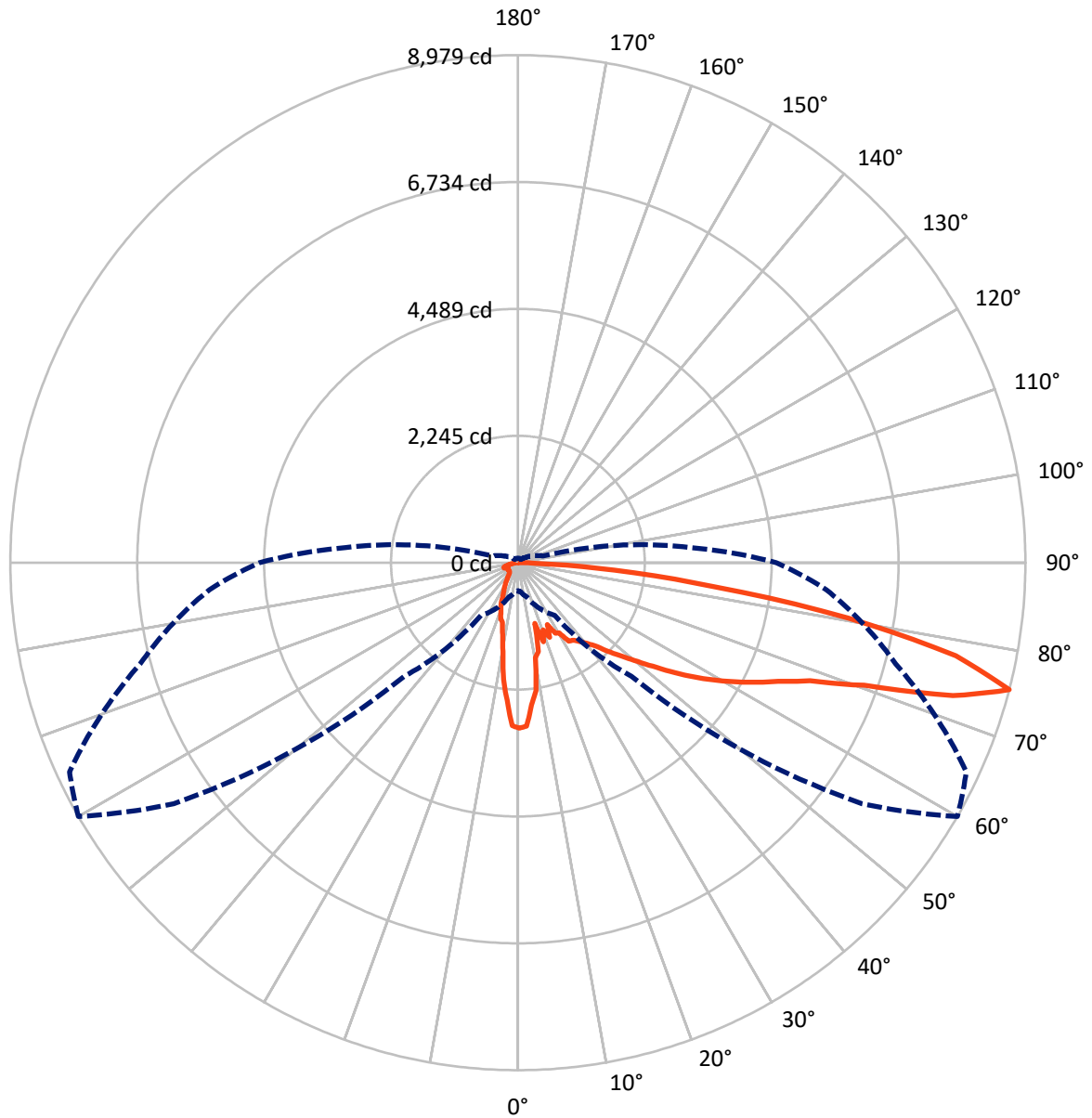
Based on 20 foot mounting height. Maximum calculated value = 7.3 fc

Type III - Medium - N/A

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## Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral      - - - Horizontal Cone Through 75-Deg Vertical

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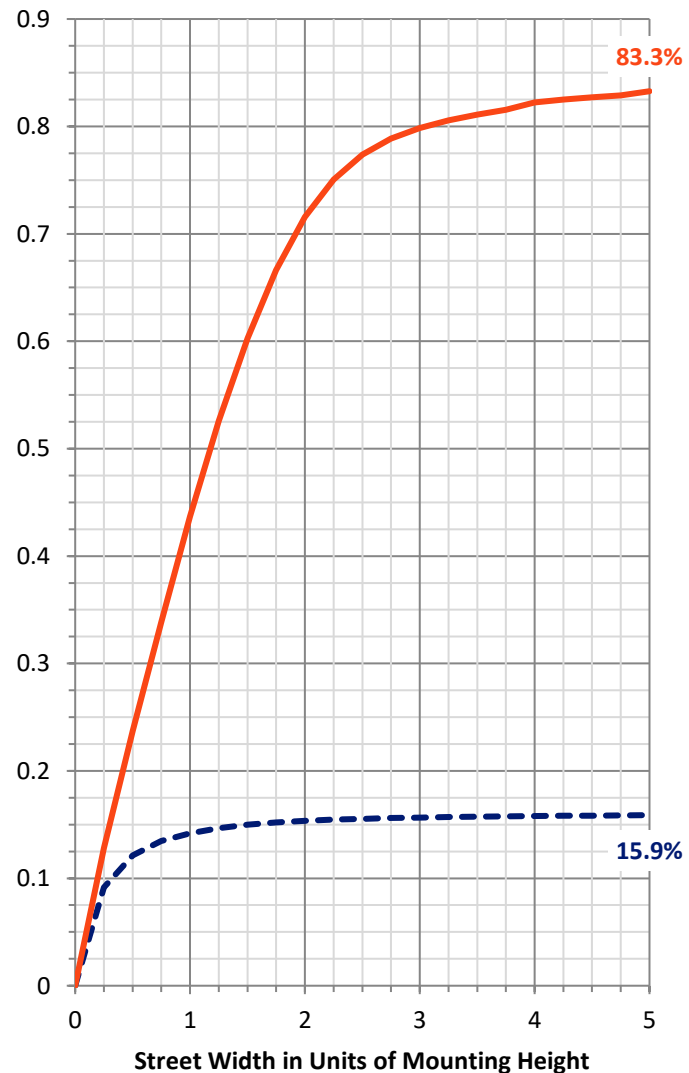
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1649.8   | 0.0    | 1649.8  |
|                    | % Fixture | 16.1     | 0.0    | 16.1    |
| <b>Street Side</b> | Lumens    | 8614.3   | 0.0    | 8614.3  |
|                    | % Fixture | 83.9     | 0.0    | 83.9    |
| <b>Total</b>       | Lumens    | 10264.1  | 0.0    | 10264.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 213.6   | 2.1       |
| 10°-20°   | 385.3   | 3.8       |
| 20°-30°   | 504.8   | 4.9       |
| 30°-40°   | 832.9   | 8.1       |
| 40°-50°   | 1300.8  | 12.7      |
| 50°-60°   | 1980.3  | 19.3      |
| 60°-70°   | 2453.7  | 23.9      |
| 70°-80°   | 2167.7  | 21.1      |
| 80°-90°   | 424.9   | 4.1       |
| 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°    | 10264.1 | 100.0     |
| 0°-180°   | 10264.1 | 100.0     |



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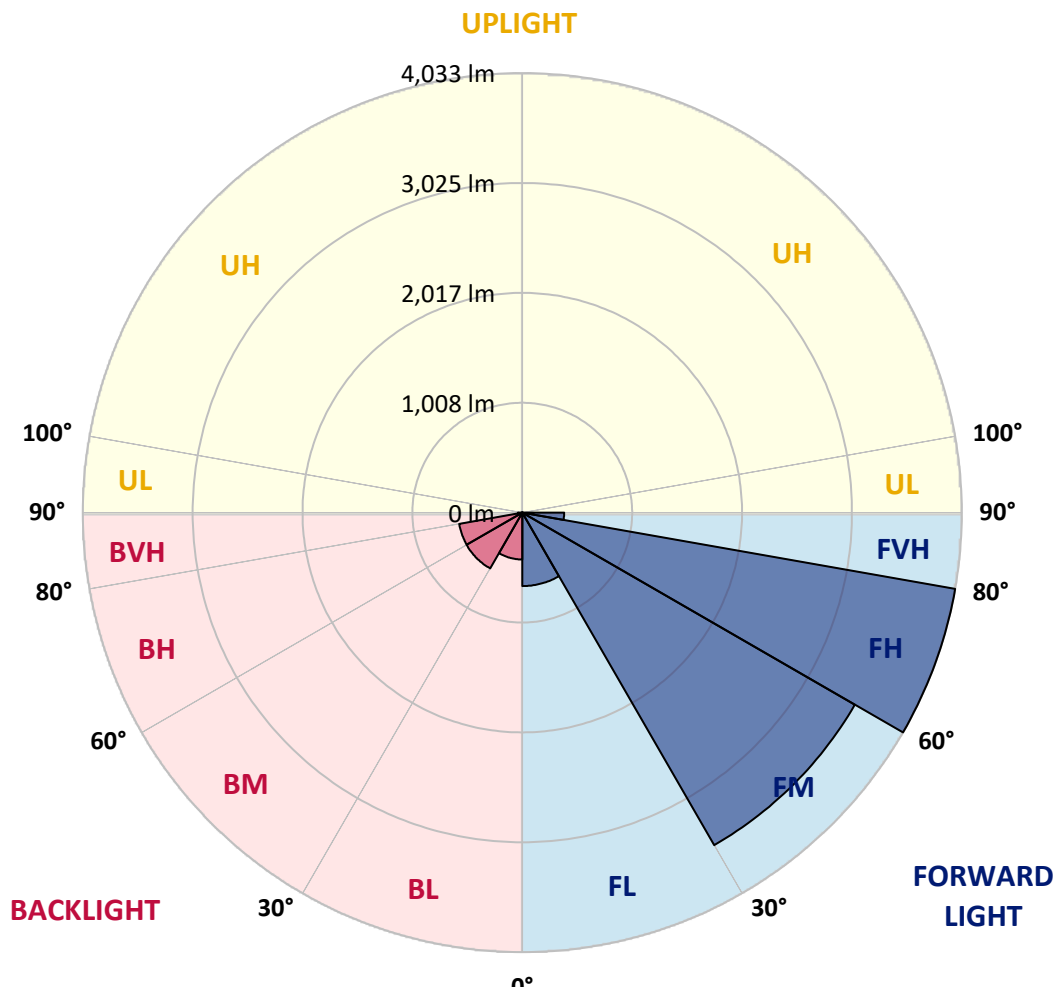
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 673.9  | 6.6       |                         |      |         |
| FM   | (30°-60°)   | 3522.9 | 34.3      |                         |      |         |
| FH   | (60°-80°)   | 4033.1 | 39.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 384.4  | 3.7       |                         |      | G3/500  |
| BL   | (0°-30°)    | 429.8  | 4.2       | B1/500                  |      |         |
| BM   | (30°-60°)   | 591.1  | 5.8       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 588.3  | 5.7       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 40.5   | 0.4       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 |
| 2.5°  | 2431.6 | 2706.0 | 2642.1 | 2578.2 | 2675.9 | 2769.9 | 2799.9 | 2826.2 | 2841.3 | 2856.3 | 2871.3 |
| 5°    | 2258.7 | 2262.5 | 2266.3 | 2270.0 | 2281.3 | 2288.8 | 2303.8 | 2318.9 | 2333.9 | 2345.2 | 2360.2 |
| 7.5°  | 1743.9 | 1804.0 | 1901.7 | 1999.4 | 2059.6 | 2115.9 | 2149.8 | 2179.8 | 2202.4 | 2224.9 | 2247.5 |
| 10°   | 1939.3 | 1950.6 | 1954.3 | 1954.3 | 1973.1 | 1991.9 | 1849.1 | 1702.5 | 1773.9 | 1845.3 | 1766.4 |
| 12.5° | 1522.1 | 1563.5 | 1687.5 | 1807.7 | 1845.3 | 1879.2 | 1811.5 | 1743.9 | 1638.6 | 1529.6 | 1522.1 |
| 15°   | 1747.6 | 1758.9 | 1762.6 | 1762.6 | 1646.1 | 1529.6 | 1450.7 | 1368.0 | 1431.9 | 1492.0 | 1353.0 |
| 17.5° | 1353.0 | 1364.3 | 1462.0 | 1559.7 | 1578.5 | 1597.3 | 1514.6 | 1431.9 | 1247.8 | 1059.8 | 1236.5 |
| 20°   | 1608.6 | 1616.1 | 1616.1 | 1616.1 | 1420.6 | 1225.2 | 1240.2 | 1251.5 | 1311.6 | 1371.8 | 1322.9 |
| 22.5° | 1296.6 | 1296.6 | 1296.6 | 1296.6 | 1356.7 | 1413.1 | 1292.9 | 1172.6 | 1240.2 | 1307.9 | 1247.8 |
| 25°   | 1631.1 | 1642.4 | 1616.1 | 1586.0 | 1405.6 | 1225.2 | 1281.6 | 1338.0 | 1236.5 | 1135.0 | 1225.2 |
| 27.5° | 1488.3 | 1477.0 | 1424.4 | 1368.0 | 1394.3 | 1420.6 | 1296.6 | 1172.6 | 1251.5 | 1330.4 | 1292.9 |
| 30°   | 1976.9 | 1943.0 | 1886.7 | 1830.3 | 1616.1 | 1401.8 | 1368.0 | 1334.2 | 1266.5 | 1195.1 | 1274.1 |
| 32.5° | 2627.1 | 2540.6 | 2277.5 | 2014.5 | 1882.9 | 1751.4 | 1582.2 | 1413.1 | 1398.1 | 1379.3 | 1401.8 |
| 35°   | 2799.9 | 2743.6 | 2634.6 | 2521.8 | 2296.3 | 2067.1 | 1852.8 | 1634.9 | 1563.5 | 1488.3 | 1503.3 |
| 37.5° | 2833.8 | 2815.0 | 2792.4 | 2766.1 | 2536.9 | 2307.6 | 2074.6 | 1841.6 | 1766.4 | 1687.5 | 1631.1 |
| 40°   | 2860.1 | 2875.1 | 2916.4 | 2954.0 | 2724.8 | 2491.8 | 2281.3 | 2067.1 | 1988.1 | 1905.5 | 1807.7 |
| 42.5° | 2980.3 | 3021.7 | 3074.3 | 3123.2 | 2912.7 | 2702.2 | 2518.1 | 2333.9 | 2232.4 | 2131.0 | 2040.8 |
| 45°   | 3258.5 | 3281.0 | 3337.4 | 3390.0 | 3190.8 | 2987.9 | 2777.4 | 2563.2 | 2476.7 | 2390.3 | 2300.1 |
| 47.5° | 3664.3 | 3701.9 | 3698.2 | 3694.4 | 3472.7 | 3247.2 | 3010.4 | 2769.9 | 2713.5 | 2653.4 | 2566.9 |
| 50°   | 4175.5 | 4149.2 | 4077.8 | 4006.4 | 3765.8 | 3521.5 | 3243.4 | 2961.5 | 2935.2 | 2905.2 | 2833.8 |
| 52.5° | 4431.0 | 4412.3 | 4314.5 | 4213.1 | 3968.8 | 3724.5 | 3423.8 | 3119.4 | 3153.2 | 3187.0 | 3119.4 |
| 55°   | 4446.1 | 4434.8 | 4363.4 | 4292.0 | 4055.2 | 3818.4 | 3551.6 | 3284.8 | 3367.4 | 3450.1 | 3423.8 |
| 57.5° | 4337.1 | 4340.8 | 4318.3 | 4292.0 | 4081.5 | 3871.1 | 3649.3 | 3427.6 | 3570.4 | 3709.4 | 3735.8 |
| 60°   | 4059.0 | 4115.3 | 4152.9 | 4190.5 | 4059.0 | 3927.4 | 3735.8 | 3544.1 | 3762.1 | 3980.0 | 4051.5 |
| 62.5° | 3544.1 | 3592.9 | 3728.2 | 3859.8 | 3886.1 | 3908.6 | 3780.9 | 3649.3 | 3942.5 | 4231.9 | 4348.4 |
| 65°   | 2747.3 | 2815.0 | 3017.9 | 3220.9 | 3431.3 | 3641.8 | 3671.9 | 3701.9 | 4198.0 | 4694.1 | 4791.8 |
| 67.5° | 1713.8 | 1751.4 | 1965.6 | 2176.1 | 2600.7 | 3021.7 | 3262.2 | 3502.7 | 4359.6 | 5212.8 | 5366.9 |
| 70°   | 905.8  | 962.1  | 1067.4 | 1168.8 | 1533.4 | 1897.9 | 2386.5 | 2875.1 | 4115.3 | 5355.6 | 5987.0 |
| 72.5° | 687.8  | 710.3  | 766.7  | 823.1  | 950.9  | 1078.6 | 1386.8 | 1695.0 | 3220.9 | 4743.0 | 6197.4 |
| 75°   | 496.1  | 514.9  | 575.0  | 631.4  | 759.2  | 883.2  | 1011.0 | 1135.0 | 1988.1 | 2841.3 | 5137.6 |
| 77.5° | 289.4  | 296.9  | 327.0  | 353.3  | 552.5  | 751.7  | 890.7  | 1026.0 | 1232.7 | 1435.7 | 3668.1 |
| 80°   | 199.2  | 202.9  | 214.2  | 225.5  | 311.9  | 398.4  | 665.2  | 932.1  | 1026.0 | 1116.2 | 2431.6 |
| 82.5° | 131.5  | 150.3  | 157.8  | 165.4  | 195.4  | 225.5  | 390.9  | 552.5  | 811.8  | 1067.4 | 1661.2 |
| 85°   | 67.6   | 75.2   | 90.2   | 101.5  | 116.5  | 127.8  | 176.6  | 221.7  | 672.7  | 1120.0 | 1195.1 |
| 87.5° | 7.5    | 11.3   | 15.0   | 15.0   | 18.8   | 22.5   | 33.8   | 45.1   | 202.9  | 360.8  | 308.2  |
| 90°   | 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 |
| 2.5°  | 2886.4 | 2893.9 | 2890.1 | 2897.7 | 2901.4 | 2905.2 | 2908.9 | 2908.9 | 2905.2 | 2897.7 | 2890.1 |
| 5°    | 2375.3 | 2525.6 | 2781.1 | 2807.5 | 2833.8 | 2841.3 | 2848.8 | 2852.6 | 2845.0 | 2833.8 | 2822.5 |
| 7.5°  | 2266.3 | 2288.8 | 2059.6 | 2243.7 | 2424.1 | 2439.1 | 2450.4 | 2442.9 | 2446.7 | 2345.2 | 2240.0 |
| 10°   | 1687.5 | 1706.3 | 1713.8 | 1770.2 | 1822.8 | 1946.8 | 2070.8 | 2052.0 | 2037.0 | 1856.6 | 1672.4 |
| 12.5° | 1514.6 | 1612.3 | 1634.9 | 1540.9 | 1446.9 | 1574.7 | 1702.5 | 1687.5 | 1661.2 | 1495.8 | 1330.4 |
| 15°   | 1213.9 | 1112.5 | 1330.4 | 1533.4 | 1732.6 | 1852.8 | 1969.4 | 1935.5 | 1905.5 | 1695.0 | 1480.8 |
| 17.5° | 1409.4 | 1469.5 | 1398.1 | 1428.2 | 1458.2 | 1548.4 | 1634.9 | 1582.2 | 1563.5 | 1416.9 | 1266.5 |
| 20°   | 1274.1 | 1270.3 | 1221.4 | 1398.1 | 1574.7 | 1751.4 | 1924.3 | 1871.6 | 1781.4 | 1495.8 | 1206.4 |
| 22.5° | 1187.6 | 1431.9 | 1537.1 | 1514.6 | 1488.3 | 1420.6 | 1349.2 | 1304.1 | 1236.5 | 1172.6 | 1104.9 |
| 25°   | 1311.6 | 1210.2 | 1292.9 | 1563.5 | 1830.3 | 1879.2 | 1928.0 | 1815.3 | 1668.7 | 1379.3 | 1089.9 |
| 27.5° | 1255.3 | 1413.1 | 1518.4 | 1698.8 | 1875.4 | 2044.5 | 2213.6 | 2063.3 | 1871.6 | 1510.8 | 1146.3 |
| 30°   | 1353.0 | 1439.4 | 1732.6 | 2070.8 | 2409.1 | 2469.2 | 2525.6 | 2318.9 | 2063.3 | 1698.8 | 1334.2 |
| 32.5° | 1424.4 | 1653.7 | 1913.0 | 2176.1 | 2435.4 | 2480.5 | 2525.6 | 2292.6 | 1999.4 | 1597.3 | 1195.1 |
| 35°   | 1514.6 | 1683.7 | 1920.5 | 2228.7 | 2536.9 | 2548.1 | 2555.6 | 2285.1 | 1954.3 | 1499.6 | 1041.1 |
| 37.5° | 1574.7 | 1766.4 | 2022.0 | 2348.9 | 2675.9 | 2653.4 | 2627.1 | 2318.9 | 1939.3 | 1431.9 | 924.5  |
| 40°   | 1710.0 | 1875.4 | 2149.8 | 2484.2 | 2818.7 | 2781.1 | 2743.6 | 2390.3 | 1943.0 | 1364.3 | 781.7  |
| 42.5° | 1946.8 | 2010.7 | 2307.6 | 2664.6 | 3021.7 | 2980.3 | 2935.2 | 2514.3 | 1988.1 | 1326.7 | 661.5  |
| 45°   | 2206.1 | 2236.2 | 2491.8 | 2897.7 | 3303.6 | 3250.9 | 3198.3 | 2706.0 | 2070.8 | 1307.9 | 545.0  |
| 47.5° | 2476.7 | 2469.2 | 2706.0 | 3198.3 | 3686.9 | 3574.2 | 3461.4 | 2931.5 | 2224.9 | 1345.5 | 466.0  |
| 50°   | 2758.6 | 2747.3 | 2976.6 | 3506.5 | 4036.4 | 3916.2 | 3795.9 | 3202.1 | 2401.6 | 1413.1 | 420.9  |
| 52.5° | 3048.0 | 3074.3 | 3243.4 | 3795.9 | 4344.6 | 4235.6 | 4122.9 | 3495.2 | 2574.4 | 1488.3 | 402.1  |
| 55°   | 3393.8 | 3476.4 | 3544.1 | 4096.6 | 4649.0 | 4540.0 | 4427.3 | 3795.9 | 2815.0 | 1604.8 | 394.6  |
| 57.5° | 3758.3 | 3867.3 | 3897.4 | 4401.0 | 4904.6 | 4833.2 | 4758.0 | 4081.5 | 3059.3 | 1740.1 | 417.2  |
| 60°   | 4122.9 | 4265.7 | 4374.7 | 4780.6 | 5182.7 | 5100.0 | 5017.3 | 4370.9 | 3288.5 | 1890.4 | 492.3  |
| 62.5° | 4461.1 | 4660.3 | 4836.9 | 5133.8 | 5427.0 | 5329.3 | 5231.6 | 4622.7 | 3547.8 | 2097.1 | 642.7  |
| 65°   | 4885.8 | 5062.4 | 5254.1 | 5449.5 | 5641.2 | 5547.3 | 5453.3 | 4938.4 | 3893.6 | 2356.5 | 815.6  |
| 67.5° | 5521.0 | 5573.6 | 5671.3 | 5791.6 | 5908.1 | 5851.7 | 5791.6 | 5325.5 | 4194.3 | 2506.8 | 815.6  |
| 70°   | 6614.6 | 6498.1 | 6351.5 | 6347.8 | 6340.3 | 6250.1 | 6156.1 | 5543.5 | 4213.1 | 2446.7 | 680.3  |
| 72.5° | 7648.2 | 8046.5 | 7580.5 | 7242.3 | 6904.0 | 6505.6 | 6103.5 | 5250.4 | 3720.7 | 2131.0 | 541.2  |
| 75°   | 7430.2 | 8978.6 | 8753.1 | 7836.1 | 6919.0 | 6197.4 | 5475.9 | 4573.9 | 3063.0 | 1762.6 | 462.3  |
| 77.5° | 5896.8 | 7922.5 | 8136.7 | 7294.9 | 6449.3 | 5472.1 | 4491.2 | 3536.6 | 2123.4 | 1255.3 | 387.1  |
| 80°   | 3743.3 | 5923.1 | 5960.7 | 5178.9 | 4393.5 | 3344.9 | 2296.3 | 1540.9 | 1022.3 | 665.2  | 308.2  |
| 82.5° | 2255.0 | 3506.5 | 3051.7 | 2187.3 | 1322.9 | 917.0  | 507.4  | 488.6  | 375.8  | 278.1  | 180.4  |
| 85°   | 1270.3 | 1717.5 | 1232.7 | 808.0  | 383.3  | 274.4  | 161.6  | 172.9  | 165.4  | 135.3  | 101.5  |
| 87.5° | 251.8  | 296.9  | 202.9  | 116.5  | 30.1   | 30.1   | 26.3   | 26.3   | 18.8   | 18.8   | 15.0   |
| 90°   | 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):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 | 2927.7 |
| 2.5°  | 2890.1 | 2890.1 | 2882.6 | 2875.1 | 2871.3 | 2867.6 | 2754.8 | 2642.1 | 2566.9 | 2488.0 | 2469.2 |
| 5°    | 2683.4 | 2544.4 | 2439.1 | 2333.9 | 2311.4 | 2288.8 | 2285.1 | 2281.3 | 2270.0 | 2255.0 | 2251.2 |
| 7.5°  | 2119.7 | 1995.7 | 2082.1 | 2164.8 | 2149.8 | 2131.0 | 2119.7 | 2104.7 | 2078.3 | 2052.0 | 1920.5 |
| 10°   | 1631.1 | 1589.8 | 1589.8 | 1586.0 | 1555.9 | 1525.9 | 1593.5 | 1661.2 | 1736.3 | 1811.5 | 1804.0 |
| 12.5° | 1390.6 | 1446.9 | 1300.4 | 1150.0 | 1232.7 | 1311.6 | 1386.8 | 1458.2 | 1495.8 | 1533.4 | 1416.9 |
| 15°   | 1311.6 | 1138.8 | 1089.9 | 1041.1 | 1078.6 | 1116.2 | 1007.2 | 894.5  | 980.9  | 1067.4 | 1086.2 |
| 17.5° | 1176.4 | 1086.2 | 1037.3 | 984.7  | 841.9  | 695.3  | 744.1  | 793.0  | 789.2  | 785.5  | 766.7  |
| 20°   | 1097.4 | 984.7  | 898.2  | 808.0  | 740.4  | 672.7  | 601.3  | 526.2  | 492.3  | 454.8  | 545.0  |
| 22.5° | 1044.8 | 984.7  | 804.3  | 623.9  | 571.3  | 518.6  | 462.3  | 402.1  | 424.7  | 443.5  | 458.5  |
| 25°   | 913.3  | 732.9  | 631.4  | 529.9  | 447.2  | 360.8  | 364.6  | 368.3  | 349.5  | 330.7  | 417.2  |
| 27.5° | 924.5  | 699.0  | 541.2  | 383.3  | 353.3  | 319.5  | 300.7  | 278.1  | 308.2  | 334.5  | 342.0  |
| 30°   | 969.6  | 605.1  | 458.5  | 311.9  | 278.1  | 244.3  | 255.6  | 263.1  | 263.1  | 263.1  | 300.7  |
| 32.5° | 860.7  | 526.2  | 390.9  | 251.8  | 233.0  | 210.5  | 214.2  | 214.2  | 233.0  | 251.8  | 270.6  |
| 35°   | 729.1  | 413.4  | 319.5  | 221.7  | 202.9  | 184.2  | 191.7  | 199.2  | 218.0  | 236.8  | 263.1  |
| 37.5° | 627.6  | 327.0  | 263.1  | 199.2  | 187.9  | 176.6  | 180.4  | 184.2  | 202.9  | 218.0  | 240.5  |
| 40°   | 529.9  | 274.4  | 233.0  | 191.7  | 180.4  | 169.1  | 172.9  | 172.9  | 187.9  | 202.9  | 218.0  |
| 42.5° | 458.5  | 251.8  | 221.7  | 187.9  | 176.6  | 161.6  | 165.4  | 165.4  | 176.6  | 187.9  | 199.2  |
| 45°   | 394.6  | 240.5  | 214.2  | 184.2  | 172.9  | 157.8  | 157.8  | 154.1  | 165.4  | 172.9  | 180.4  |
| 47.5° | 353.3  | 236.8  | 210.5  | 184.2  | 169.1  | 150.3  | 146.6  | 142.8  | 154.1  | 161.6  | 172.9  |
| 50°   | 330.7  | 236.8  | 210.5  | 180.4  | 161.6  | 142.8  | 139.1  | 135.3  | 150.3  | 161.6  | 180.4  |
| 52.5° | 323.2  | 240.5  | 210.5  | 180.4  | 157.8  | 135.3  | 135.3  | 135.3  | 161.6  | 187.9  | 195.4  |
| 55°   | 323.2  | 248.0  | 214.2  | 176.6  | 154.1  | 131.5  | 139.1  | 146.6  | 154.1  | 161.6  | 161.6  |
| 57.5° | 330.7  | 244.3  | 206.7  | 169.1  | 154.1  | 135.3  | 131.5  | 127.8  | 131.5  | 135.3  | 135.3  |
| 60°   | 364.6  | 236.8  | 199.2  | 161.6  | 142.8  | 124.0  | 120.3  | 116.5  | 124.0  | 127.8  | 127.8  |
| 62.5° | 439.7  | 233.0  | 199.2  | 161.6  | 139.1  | 116.5  | 116.5  | 112.7  | 116.5  | 120.3  | 124.0  |
| 65°   | 537.4  | 259.3  | 210.5  | 161.6  | 139.1  | 116.5  | 109.0  | 101.5  | 109.0  | 112.7  | 112.7  |
| 67.5° | 560.0  | 304.4  | 244.3  | 180.4  | 146.6  | 112.7  | 105.2  | 97.7   | 105.2  | 109.0  | 109.0  |
| 70°   | 507.4  | 334.5  | 263.1  | 191.7  | 154.1  | 112.7  | 105.2  | 94.0   | 97.7   | 101.5  | 97.7   |
| 72.5° | 436.0  | 327.0  | 259.3  | 187.9  | 150.3  | 109.0  | 101.5  | 90.2   | 94.0   | 94.0   | 90.2   |
| 75°   | 372.1  | 281.9  | 221.7  | 157.8  | 127.8  | 94.0   | 86.4   | 78.9   | 82.7   | 82.7   | 82.7   |
| 77.5° | 311.9  | 233.0  | 180.4  | 124.0  | 101.5  | 75.2   | 71.4   | 67.6   | 71.4   | 75.2   | 71.4   |
| 80°   | 244.3  | 176.6  | 135.3  | 90.2   | 75.2   | 56.4   | 60.1   | 60.1   | 63.9   | 63.9   | 63.9   |
| 82.5° | 142.8  | 105.2  | 86.4   | 63.9   | 52.6   | 41.3   | 45.1   | 48.9   | 52.6   | 52.6   | 52.6   |
| 85°   | 86.4   | 67.6   | 56.4   | 45.1   | 37.6   | 26.3   | 33.8   | 37.6   | 37.6   | 37.6   | 33.8   |
| 87.5° | 15.0   | 15.0   | 15.0   | 15.0   | 11.3   | 7.5    | 15.0   | 18.8   | 18.8   | 18.8   | 15.0   |
| 90°   | 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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CATALOG NUMBER: SDL-PA1-100-740-U-SL3

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|
| 0°    | 2927.7 | 2927.7 | 2927.7 | 2927.7 |
| 2.5°  | 2446.7 | 2446.7 | 2442.9 | 2442.9 |
| 5°    | 2247.5 | 2240.0 | 2232.4 | 2240.0 |
| 7.5°  | 1789.0 | 1736.3 | 1683.7 | 1698.8 |
| 10°   | 1792.7 | 1789.0 | 1785.2 | 1781.4 |
| 12.5° | 1296.6 | 1255.3 | 1213.9 | 1187.6 |
| 15°   | 1101.2 | 1089.9 | 1074.9 | 1074.9 |
| 17.5° | 744.1  | 710.3  | 676.5  | 653.9  |
| 20°   | 635.2  | 653.9  | 669.0  | 676.5  |
| 22.5° | 473.5  | 488.6  | 503.6  | 511.1  |
| 25°   | 499.9  | 537.4  | 571.3  | 575.0  |
| 27.5° | 345.8  | 364.6  | 379.6  | 372.1  |
| 30°   | 338.2  | 349.5  | 360.8  | 360.8  |
| 32.5° | 289.4  | 319.5  | 349.5  | 353.3  |
| 35°   | 289.4  | 304.4  | 319.5  | 323.2  |
| 37.5° | 259.3  | 270.6  | 278.1  | 281.9  |
| 40°   | 233.0  | 240.5  | 244.3  | 244.3  |
| 42.5° | 206.7  | 225.5  | 240.5  | 240.5  |
| 45°   | 184.2  | 233.0  | 281.9  | 296.9  |
| 47.5° | 180.4  | 251.8  | 323.2  | 338.2  |
| 50°   | 195.4  | 263.1  | 327.0  | 334.5  |
| 52.5° | 199.2  | 236.8  | 270.6  | 270.6  |
| 55°   | 157.8  | 176.6  | 191.7  | 187.9  |
| 57.5° | 135.3  | 150.3  | 161.6  | 161.6  |
| 60°   | 127.8  | 146.6  | 161.6  | 165.4  |
| 62.5° | 124.0  | 131.5  | 139.1  | 146.6  |
| 65°   | 112.7  | 112.7  | 112.7  | 112.7  |
| 67.5° | 105.2  | 105.2  | 101.5  | 101.5  |
| 70°   | 94.0   | 94.0   | 94.0   | 94.0   |
| 72.5° | 86.4   | 86.4   | 86.4   | 82.7   |
| 75°   | 78.9   | 78.9   | 75.2   | 75.2   |
| 77.5° | 67.6   | 67.6   | 67.6   | 67.6   |
| 80°   | 60.1   | 60.1   | 56.4   | 56.4   |
| 82.5° | 48.9   | 48.9   | 45.1   | 41.3   |
| 85°   | 30.1   | 30.1   | 26.3   | 22.5   |
| 87.5° | 11.3   | 11.3   | 7.5    | 3.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |



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