

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: P561358

Luminaire Tested: **SDL-PA1-90-830-U-T3-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561358  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: SDL-PA1-90-830-U-T3-HSS  
Description: Springdale  
(1) 80 CRI, 3000K, 1180mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS  
WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6023.9 lumens  
Efficiency: N/A  
Efficacy: 65.2 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U0 - G2

Input Watts (W): 92.4  
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

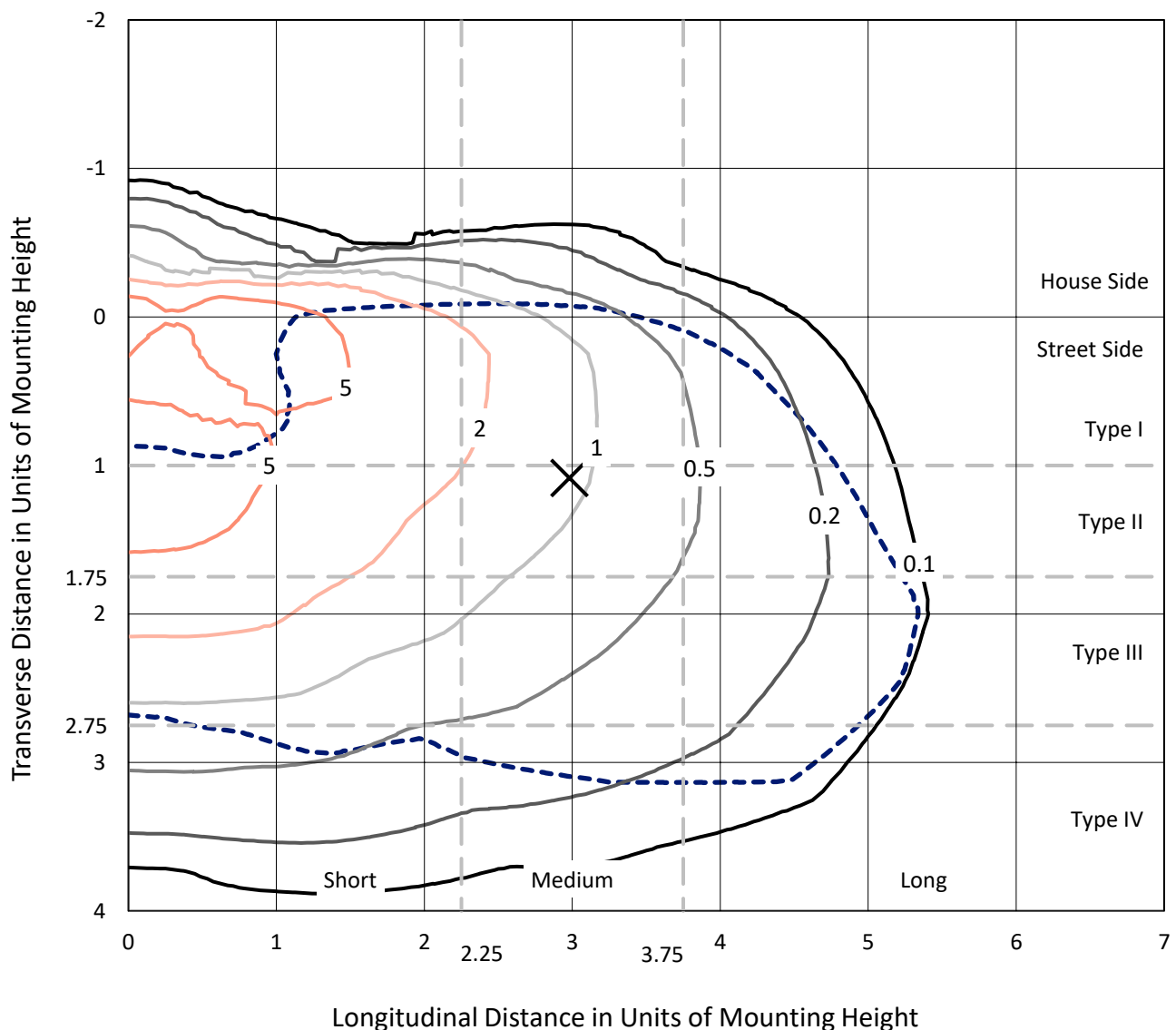


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

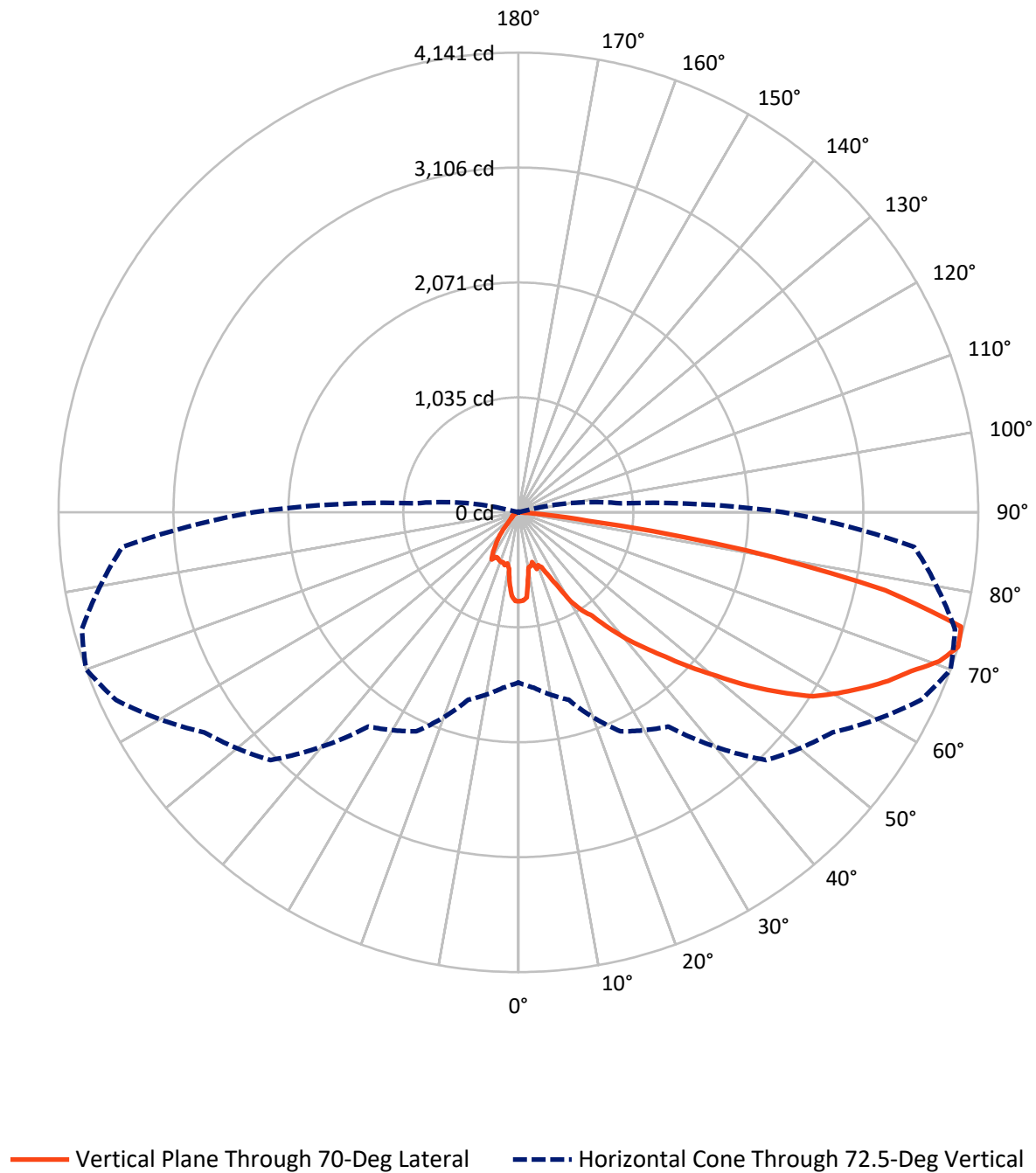


Based on 10 foot mounting height. Maximum calculated value = 9.5 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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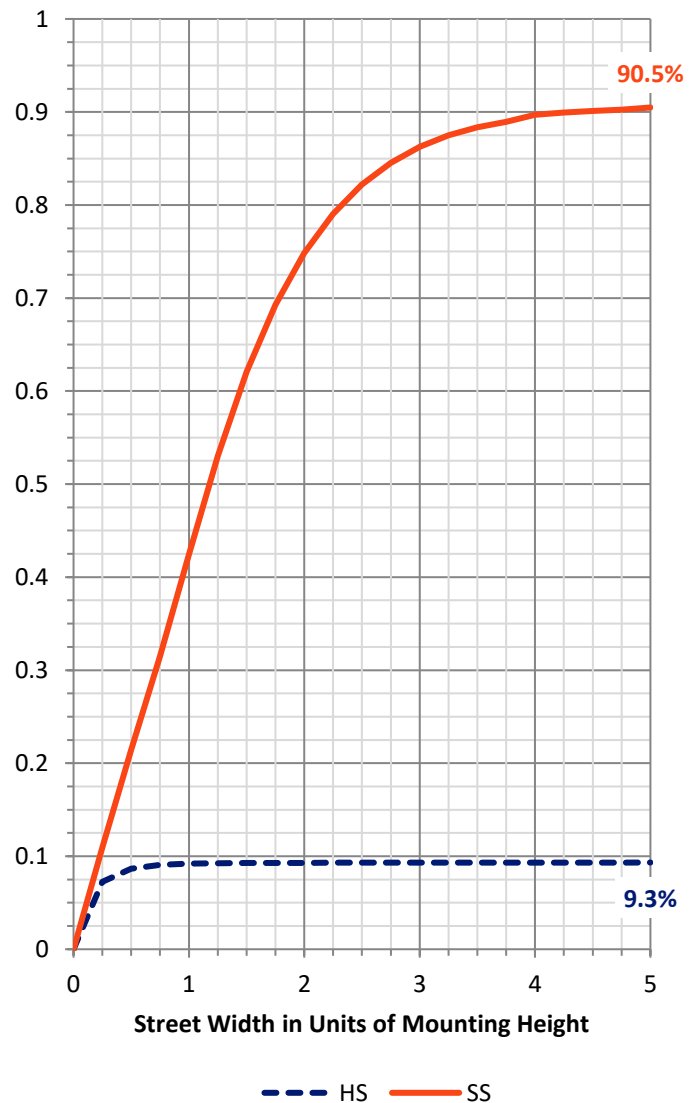
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 567.9    | 0.0    | 567.9  |
|                    | % Fixture | 9.4      | 0.0    | 9.4    |
| <b>Street Side</b> | Lumens    | 5456.0   | 0.0    | 5456.0 |
|                    | % Fixture | 90.6     | 0.0    | 90.6   |
| <b>Total</b>       | Lumens    | 6023.9   | 0.0    | 6023.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 61.7   | 1.0       |
| 10°-20°   | 123.3  | 2.0       |
| 20°-30°   | 201.0  | 3.3       |
| 30°-40°   | 428.8  | 7.1       |
| 40°-50°   | 826.3  | 13.7      |
| 50°-60°   | 1366.7 | 22.7      |
| 60°-70°   | 1672.9 | 27.8      |
| 70°-80°   | 1225.6 | 20.3      |
| 80°-90°   | 117.7  | 2.0       |
| 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°    | 6023.9 | 100.0     |
| 0°-180°   | 6023.9 | 100.0     |

**Coefficient of Utilization**



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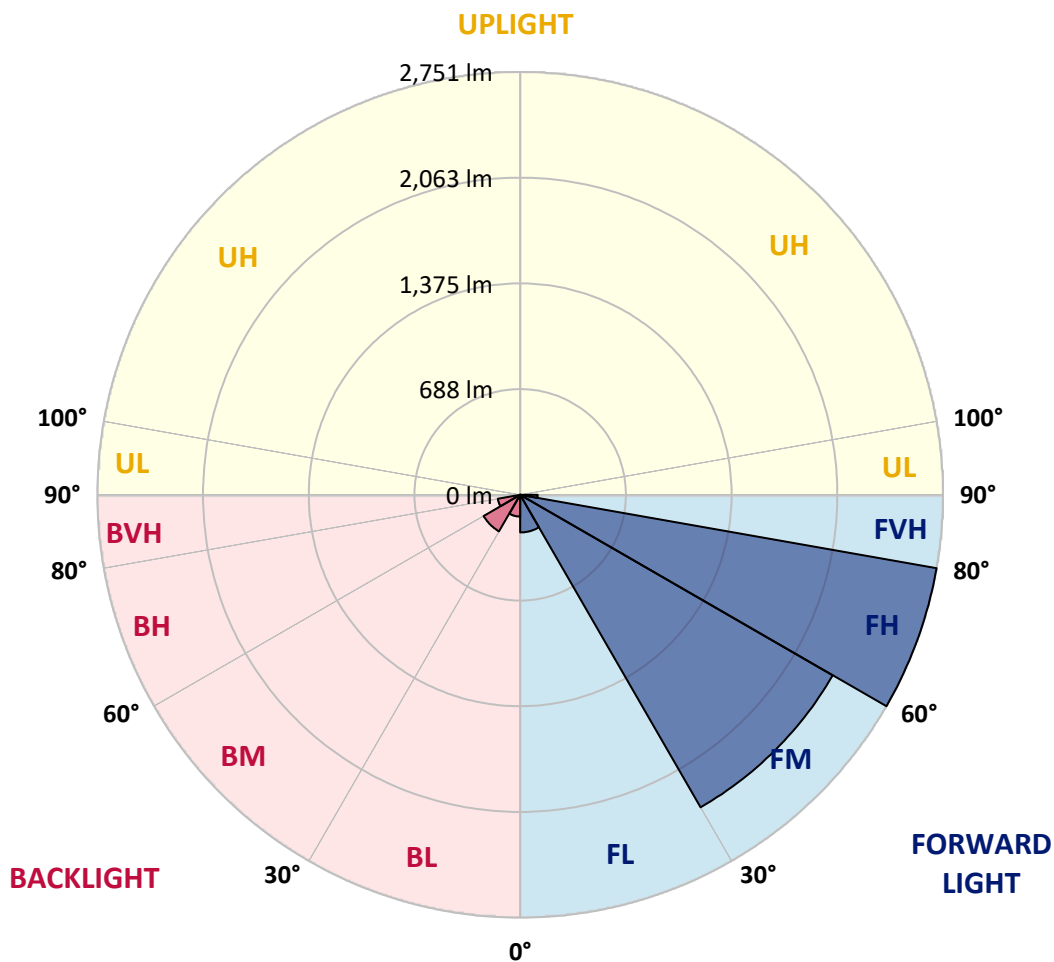
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 244.6  | 4.1       |                         |      |         |
| FM   | (30°-60°)   | 2347.4 | 39.0      |                         |      |         |
| FH   | (60°-80°)   | 2750.5 | 45.7      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 113.5  | 1.9       |                         |      | G2/225  |
| BL   | (0°-30°)    | 141.4  | 2.3       | B1/500                  |      |         |
| BM   | (30°-60°)   | 274.5  | 4.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 147.9  | 2.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 4.2    | 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 IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  |
| 2.5°  | 712.9  | 733.6  | 745.4  | 757.3  | 754.3  | 751.4  | 757.3  | 763.2  | 775.0  | 783.9  | 789.8  |
| 5°    | 641.9  | 641.9  | 641.9  | 641.9  | 644.9  | 644.9  | 644.9  | 644.9  | 647.8  | 650.8  | 653.7  |
| 7.5°  | 556.1  | 568.0  | 573.9  | 579.8  | 594.6  | 606.4  | 618.2  | 630.1  | 636.0  | 639.0  | 641.9  |
| 10°   | 603.5  | 603.5  | 603.5  | 603.5  | 606.4  | 606.4  | 568.0  | 526.5  | 529.5  | 532.5  | 514.7  |
| 12.5° | 499.9  | 497.0  | 529.5  | 559.1  | 579.8  | 597.5  | 576.8  | 553.2  | 517.7  | 479.2  | 473.3  |
| 15°   | 588.7  | 588.7  | 588.7  | 588.7  | 547.3  | 505.8  | 476.3  | 446.7  | 470.3  | 491.0  | 443.7  |
| 17.5° | 464.4  | 476.3  | 511.8  | 547.3  | 547.3  | 547.3  | 520.6  | 494.0  | 443.7  | 390.5  | 446.7  |
| 20°   | 576.8  | 576.8  | 576.8  | 573.9  | 505.8  | 437.8  | 461.5  | 482.2  | 502.9  | 523.6  | 514.7  |
| 22.5° | 479.2  | 473.3  | 482.2  | 491.0  | 511.8  | 529.5  | 470.3  | 408.2  | 476.3  | 541.3  | 508.8  |
| 25°   | 606.4  | 606.4  | 609.4  | 609.4  | 544.3  | 479.2  | 517.7  | 553.2  | 502.9  | 452.6  | 532.5  |
| 27.5° | 547.3  | 529.5  | 526.5  | 520.6  | 541.3  | 559.1  | 532.5  | 505.8  | 562.0  | 618.2  | 591.6  |
| 30°   | 760.2  | 760.2  | 739.5  | 718.8  | 639.0  | 556.1  | 565.0  | 570.9  | 570.9  | 570.9  | 630.1  |
| 32.5° | 1056.1 | 1059.0 | 979.1  | 896.3  | 825.3  | 751.4  | 686.3  | 618.2  | 653.7  | 689.2  | 727.7  |
| 35°   | 1422.9 | 1431.7 | 1375.5 | 1316.4 | 1141.8 | 967.3  | 857.9  | 748.4  | 745.4  | 739.5  | 795.7  |
| 37.5° | 1686.1 | 1703.9 | 1659.5 | 1615.1 | 1408.1 | 1201.0 | 1044.2 | 887.4  | 872.6  | 854.9  | 875.6  |
| 40°   | 1934.6 | 1922.8 | 1896.2 | 1866.6 | 1647.7 | 1425.8 | 1254.2 | 1079.7 | 1041.3 | 999.8  | 1002.8 |
| 42.5° | 2257.1 | 2221.6 | 2153.5 | 2085.5 | 1875.5 | 1665.4 | 1482.0 | 1298.6 | 1236.5 | 1174.4 | 1162.5 |
| 45°   | 2674.1 | 2615.0 | 2517.4 | 2416.8 | 2209.7 | 2002.7 | 1777.8 | 1550.1 | 1473.1 | 1393.3 | 1375.5 |
| 47.5° | 2887.1 | 2845.7 | 2783.6 | 2718.5 | 2505.5 | 2292.6 | 2076.6 | 1857.7 | 1751.2 | 1641.8 | 1612.2 |
| 50°   | 3138.6 | 3085.3 | 3043.9 | 2999.5 | 2816.1 | 2629.8 | 2428.6 | 2224.5 | 2082.5 | 1940.5 | 1890.2 |
| 52.5° | 3378.2 | 3289.4 | 3251.0 | 3209.6 | 3064.6 | 2916.7 | 2706.7 | 2496.7 | 2405.0 | 2310.3 | 2189.0 |
| 55°   | 3464.0 | 3378.2 | 3360.4 | 3342.7 | 3239.2 | 3135.6 | 2943.3 | 2751.1 | 2644.6 | 2535.1 | 2437.5 |
| 57.5° | 3277.6 | 3289.4 | 3342.7 | 3395.9 | 3336.8 | 3277.6 | 3120.8 | 2961.1 | 2842.8 | 2724.4 | 2668.2 |
| 60°   | 3150.4 | 3177.0 | 3256.9 | 3336.8 | 3336.8 | 3336.8 | 3251.0 | 3165.2 | 3052.8 | 2940.4 | 2901.9 |
| 62.5° | 2946.3 | 2978.8 | 3100.1 | 3221.4 | 3298.3 | 3375.2 | 3283.5 | 3191.8 | 3153.4 | 3112.0 | 3076.5 |
| 65°   | 2677.1 | 2686.0 | 2822.1 | 2958.1 | 3117.9 | 3274.7 | 3188.9 | 3100.1 | 3174.1 | 3248.0 | 3212.5 |
| 67.5° | 2366.5 | 2381.3 | 2508.5 | 2632.7 | 2822.1 | 3011.4 | 2987.7 | 2961.1 | 3123.8 | 3286.5 | 3283.5 |
| 70°   | 1996.7 | 2023.4 | 2132.8 | 2239.3 | 2452.3 | 2662.3 | 2686.0 | 2709.6 | 2990.7 | 3268.7 | 3322.0 |
| 72.5° | 1532.3 | 1585.6 | 1668.4 | 1748.3 | 1964.2 | 2177.2 | 2265.9 | 2354.7 | 2757.0 | 3156.3 | 3307.2 |
| 75°   | 508.8  | 544.3  | 775.0  | 1002.8 | 1221.7 | 1440.6 | 1635.8 | 1828.1 | 2331.0 | 2830.9 | 3144.5 |
| 77.5° | 147.9  | 153.8  | 198.2  | 239.6  | 411.2  | 579.8  | 780.9  | 979.1  | 1470.2 | 1958.3 | 2478.9 |
| 80°   | 76.9   | 79.9   | 88.7   | 97.6   | 142.0  | 186.4  | 269.2  | 349.1  | 573.9  | 798.7  | 1345.9 |
| 82.5° | 53.2   | 53.2   | 62.1   | 68.0   | 85.8   | 103.5  | 147.9  | 192.3  | 210.0  | 227.8  | 541.3  |
| 85°   | 17.7   | 17.7   | 23.7   | 29.6   | 41.4   | 53.2   | 79.9   | 103.5  | 103.5  | 100.6  | 144.9  |
| 87.5° | 3.0    | 3.0    | 5.9    | 8.9    | 14.8   | 17.7   | 14.8   | 11.8   | 8.9    | 5.9    | 11.8   |
| 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°    | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7  | 801.7 | 801.7 |
| 2.5°  | 792.8  | 795.7  | 795.7  | 795.7  | 798.7  | 798.7  | 798.7  | 798.7  | 795.7  | 798.7 | 798.7 |
| 5°    | 653.7  | 707.0  | 757.3  | 772.1  | 780.9  | 783.9  | 783.9  | 783.9  | 780.9  | 780.9 | 780.9 |
| 7.5°  | 644.9  | 641.9  | 639.0  | 615.3  | 671.5  | 683.3  | 692.2  | 689.2  | 689.2  | 674.5 | 656.7 |
| 10°   | 497.0  | 497.0  | 497.0  | 502.9  | 535.4  | 573.9  | 612.3  | 612.3  | 612.3  | 568.0 | 523.6 |
| 12.5° | 464.4  | 482.2  | 497.0  | 497.0  | 443.7  | 488.1  | 532.5  | 532.5  | 532.5  | 488.1 | 440.8 |
| 15°   | 396.4  | 417.1  | 434.8  | 464.4  | 553.2  | 606.4  | 659.7  | 659.7  | 656.7  | 606.4 | 553.2 |
| 17.5° | 499.9  | 494.0  | 485.1  | 538.4  | 505.8  | 514.7  | 523.6  | 497.0  | 535.4  | 520.6 | 505.8 |
| 20°   | 505.8  | 452.6  | 396.4  | 508.8  | 624.2  | 674.5  | 724.7  | 727.7  | 718.8  | 662.6 | 603.5 |
| 22.5° | 476.3  | 544.3  | 609.4  | 538.4  | 556.1  | 544.3  | 529.5  | 523.6  | 523.6  | 520.6 | 517.7 |
| 25°   | 609.4  | 544.3  | 479.2  | 630.1  | 736.6  | 772.1  | 807.6  | 798.7  | 786.9  | 707.0 | 627.1 |
| 27.5° | 562.0  | 627.1  | 689.2  | 748.4  | 801.7  | 834.2  | 866.7  | 958.4  | 834.2  | 742.5 | 647.8 |
| 30°   | 686.3  | 766.2  | 843.1  | 928.9  | 1091.6 | 1138.9 | 1186.2 | 1162.5 | 1133.0 | 955.5 | 778.0 |
| 32.5° | 763.2  | 890.4  | 1014.6 | 1053.1 | 1150.7 | 1195.1 | 1236.5 | 1215.8 | 1180.3 | 946.6 | 712.9 |
| 35°   | 849.0  | 967.3  | 1082.7 | 1144.8 | 1263.1 | 1298.6 | 1331.2 | 1298.6 | 1260.2 | 937.7 | 615.3 |
| 37.5° | 896.3  | 1056.1 | 1212.8 | 1319.3 | 1419.9 | 1428.8 | 1434.7 | 1405.1 | 1354.8 | 937.7 | 520.6 |
| 40°   | 1005.8 | 1177.3 | 1345.9 | 1499.8 | 1579.6 | 1582.6 | 1585.6 | 1538.2 | 1446.5 | 928.9 | 408.2 |
| 42.5° | 1150.7 | 1325.2 | 1496.8 | 1665.4 | 1771.9 | 1763.0 | 1751.2 | 1686.1 | 1535.3 | 914.1 | 292.9 |
| 45°   | 1357.8 | 1511.6 | 1665.4 | 1854.7 | 1984.9 | 1961.2 | 1934.6 | 1837.0 | 1597.4 | 899.3 | 198.2 |
| 47.5° | 1579.6 | 1700.9 | 1819.3 | 2079.6 | 2245.2 | 2194.9 | 2141.7 | 1999.7 | 1641.8 | 893.4 | 142.0 |
| 50°   | 1837.0 | 1934.6 | 2032.2 | 2316.2 | 2514.4 | 2419.8 | 2325.1 | 2162.4 | 1659.5 | 887.4 | 112.4 |
| 52.5° | 2064.8 | 2165.4 | 2263.0 | 2594.3 | 2745.1 | 2638.7 | 2532.2 | 2289.6 | 1650.6 | 875.6 | 97.6  |
| 55°   | 2336.9 | 2425.7 | 2514.4 | 2860.5 | 2981.8 | 2839.8 | 2694.9 | 2381.3 | 1606.3 | 849.0 | 88.7  |
| 57.5° | 2609.1 | 2700.8 | 2789.5 | 3126.7 | 3162.2 | 3023.2 | 2881.2 | 2470.0 | 1561.9 | 822.4 | 79.9  |
| 60°   | 2863.5 | 2967.0 | 3070.5 | 3307.2 | 3333.8 | 3209.6 | 3085.3 | 2555.8 | 1490.9 | 780.9 | 71.0  |
| 62.5° | 3041.0 | 3182.9 | 3324.9 | 3484.7 | 3496.5 | 3384.1 | 3268.7 | 2620.9 | 1399.2 | 733.6 | 65.1  |
| 65°   | 3174.1 | 3369.3 | 3561.6 | 3659.2 | 3653.3 | 3573.4 | 3493.6 | 2677.1 | 1325.2 | 689.2 | 53.2  |
| 67.5° | 3277.6 | 3514.3 | 3750.9 | 3816.0 | 3830.8 | 3756.8 | 3682.9 | 2686.0 | 1233.5 | 639.0 | 41.4  |
| 70°   | 3375.2 | 3635.5 | 3895.9 | 4020.1 | 3990.5 | 3875.2 | 3759.8 | 2617.9 | 1109.3 | 570.9 | 29.6  |
| 72.5° | 3455.1 | 3727.2 | 3999.4 | 4141.4 | 4070.4 | 3824.9 | 3579.3 | 2387.2 | 928.9  | 476.3 | 20.7  |
| 75°   | 3455.1 | 3727.2 | 3996.4 | 4117.7 | 3875.2 | 3387.1 | 2896.0 | 1777.8 | 544.3  | 281.0 | 17.7  |
| 77.5° | 2999.5 | 3197.7 | 3395.9 | 3378.2 | 2952.2 | 2345.8 | 1736.4 | 1023.5 | 183.4  | 100.6 | 14.8  |
| 80°   | 1893.2 | 2023.4 | 2153.5 | 2088.4 | 1508.6 | 1082.7 | 653.7  | 343.1  | 65.1   | 38.5  | 11.8  |
| 82.5° | 854.9  | 840.1  | 825.3  | 636.0  | 295.8  | 198.2  | 97.6   | 59.2   | 17.7   | 11.8  | 5.9   |
| 85°   | 189.3  | 183.4  | 177.5  | 130.2  | 88.7   | 59.2   | 29.6   | 17.7   | 8.9    | 8.9   | 5.9   |
| 87.5° | 17.7   | 20.7   | 20.7   | 14.8   | 14.8   | 11.8   | 5.9    | 5.9    | 5.9    | 5.9   | 5.9   |
| 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°    | 801.7 | 801.7 | 801.7 | 801.7 | 801.7 | 801.7 | 801.7 | 801.7 | 801.7 | 801.7 | 801.7 |
| 2.5°  | 798.7 | 798.7 | 798.7 | 795.7 | 795.7 | 795.7 | 775.0 | 751.4 | 736.6 | 718.8 | 710.0 |
| 5°    | 754.3 | 727.7 | 695.2 | 662.6 | 656.7 | 647.8 | 650.8 | 650.8 | 653.7 | 653.7 | 653.7 |
| 7.5°  | 641.9 | 627.1 | 633.0 | 639.0 | 639.0 | 639.0 | 639.0 | 636.0 | 633.0 | 630.1 | 600.5 |
| 10°   | 511.8 | 499.9 | 499.9 | 499.9 | 508.8 | 514.7 | 499.9 | 482.2 | 508.8 | 532.5 | 526.5 |
| 12.5° | 470.3 | 499.9 | 461.5 | 420.1 | 426.0 | 428.9 | 428.9 | 426.0 | 414.1 | 402.3 | 360.9 |
| 15°   | 491.0 | 428.9 | 393.4 | 355.0 | 355.0 | 355.0 | 286.9 | 218.9 | 204.1 | 189.3 | 192.3 |
| 17.5° | 470.3 | 434.8 | 393.4 | 349.1 | 263.3 | 174.5 | 165.7 | 153.8 | 153.8 | 153.8 | 156.8 |
| 20°   | 473.3 | 343.1 | 289.9 | 236.7 | 189.3 | 139.0 | 130.2 | 118.3 | 112.4 | 103.5 | 121.3 |
| 22.5° | 464.4 | 408.2 | 278.1 | 147.9 | 130.2 | 112.4 | 103.5 | 91.7  | 106.5 | 121.3 | 121.3 |
| 25°   | 449.6 | 269.2 | 201.2 | 130.2 | 109.5 | 88.7  | 100.6 | 109.5 | 103.5 | 94.7  | 109.5 |
| 27.5° | 452.6 | 254.4 | 174.5 | 94.7  | 100.6 | 103.5 | 97.6  | 88.7  | 97.6  | 103.5 | 97.6  |
| 30°   | 488.1 | 198.2 | 147.9 | 94.7  | 91.7  | 85.8  | 88.7  | 91.7  | 88.7  | 82.8  | 88.7  |
| 32.5° | 434.8 | 156.8 | 124.2 | 88.7  | 85.8  | 82.8  | 79.9  | 76.9  | 79.9  | 79.9  | 79.9  |
| 35°   | 366.8 | 118.3 | 100.6 | 82.8  | 76.9  | 71.0  | 71.0  | 68.0  | 68.0  | 68.0  | 68.0  |
| 37.5° | 310.6 | 100.6 | 88.7  | 74.0  | 68.0  | 62.1  | 59.2  | 53.2  | 53.2  | 50.3  | 50.3  |
| 40°   | 251.4 | 91.7  | 79.9  | 65.1  | 59.2  | 50.3  | 47.3  | 41.4  | 41.4  | 38.5  | 38.5  |
| 42.5° | 189.3 | 82.8  | 71.0  | 56.2  | 50.3  | 41.4  | 35.5  | 29.6  | 29.6  | 26.6  | 26.6  |
| 45°   | 136.1 | 74.0  | 62.1  | 47.3  | 41.4  | 32.5  | 26.6  | 20.7  | 20.7  | 17.7  | 17.7  |
| 47.5° | 106.5 | 68.0  | 56.2  | 41.4  | 32.5  | 23.7  | 20.7  | 14.8  | 14.8  | 14.8  | 14.8  |
| 50°   | 85.8  | 59.2  | 47.3  | 32.5  | 23.7  | 14.8  | 11.8  | 8.9   | 8.9   | 8.9   | 8.9   |
| 52.5° | 76.9  | 53.2  | 41.4  | 26.6  | 20.7  | 11.8  | 8.9   | 5.9   | 8.9   | 8.9   | 8.9   |
| 55°   | 68.0  | 47.3  | 35.5  | 20.7  | 14.8  | 8.9   | 8.9   | 5.9   | 8.9   | 8.9   | 8.9   |
| 57.5° | 62.1  | 41.4  | 29.6  | 14.8  | 11.8  | 5.9   | 5.9   | 3.0   | 5.9   | 5.9   | 5.9   |
| 60°   | 53.2  | 35.5  | 23.7  | 11.8  | 8.9   | 3.0   | 3.0   | 3.0   | 5.9   | 5.9   | 5.9   |
| 62.5° | 47.3  | 29.6  | 20.7  | 8.9   | 5.9   | 3.0   | 3.0   | 3.0   | 5.9   | 5.9   | 5.9   |
| 65°   | 38.5  | 20.7  | 14.8  | 5.9   | 5.9   | 3.0   | 3.0   | 3.0   | 5.9   | 5.9   | 5.9   |
| 67.5° | 29.6  | 14.8  | 11.8  | 5.9   | 5.9   | 3.0   | 3.0   | 3.0   | 5.9   | 5.9   | 3.0   |
| 70°   | 20.7  | 11.8  | 8.9   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0   | 5.9   | 5.9   | 3.0   |
| 72.5° | 14.8  | 8.9   | 5.9   | 3.0   | 3.0   | 0.0   | 3.0   | 3.0   | 5.9   | 5.9   | 5.9   |
| 75°   | 14.8  | 8.9   | 5.9   | 3.0   | 3.0   | 0.0   | 3.0   | 5.9   | 5.9   | 5.9   | 5.9   |
| 77.5° | 11.8  | 5.9   | 5.9   | 3.0   | 3.0   | 0.0   | 3.0   | 5.9   | 5.9   | 5.9   | 5.9   |
| 80°   | 8.9   | 5.9   | 5.9   | 3.0   | 3.0   | 0.0   | 5.9   | 8.9   | 8.9   | 8.9   | 5.9   |
| 82.5° | 5.9   | 5.9   | 5.9   | 3.0   | 3.0   | 0.0   | 5.9   | 8.9   | 8.9   | 8.9   | 5.9   |
| 85°   | 5.9   | 5.9   | 5.9   | 5.9   | 3.0   | 0.0   | 5.9   | 8.9   | 8.9   | 8.9   | 8.9   |
| 87.5° | 5.9   | 5.9   | 5.9   | 5.9   | 5.9   | 3.0   | 8.9   | 11.8  | 11.8  | 8.9   | 8.9   |
| 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):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 801.7 | 801.7 | 801.7 | 801.7 |
| 2.5°  | 698.1 | 698.1 | 695.2 | 704.0 |
| 5°    | 653.7 | 653.7 | 653.7 | 656.7 |
| 7.5°  | 568.0 | 547.3 | 526.5 | 529.5 |
| 10°   | 517.7 | 511.8 | 502.9 | 508.8 |
| 12.5° | 319.5 | 301.7 | 281.0 | 272.1 |
| 15°   | 195.2 | 195.2 | 195.2 | 192.3 |
| 17.5° | 159.7 | 147.9 | 133.1 | 136.1 |
| 20°   | 139.0 | 142.0 | 144.9 | 144.9 |
| 22.5° | 121.3 | 115.4 | 109.5 | 109.5 |
| 25°   | 121.3 | 121.3 | 121.3 | 121.3 |
| 27.5° | 91.7  | 91.7  | 88.7  | 88.7  |
| 30°   | 94.7  | 94.7  | 91.7  | 88.7  |
| 32.5° | 76.9  | 76.9  | 76.9  | 76.9  |
| 35°   | 65.1  | 62.1  | 59.2  | 59.2  |
| 37.5° | 50.3  | 47.3  | 44.4  | 44.4  |
| 40°   | 35.5  | 35.5  | 32.5  | 32.5  |
| 42.5° | 26.6  | 26.6  | 23.7  | 23.7  |
| 45°   | 17.7  | 17.7  | 17.7  | 17.7  |
| 47.5° | 11.8  | 11.8  | 11.8  | 11.8  |
| 50°   | 8.9   | 8.9   | 8.9   | 8.9   |
| 52.5° | 8.9   | 8.9   | 5.9   | 5.9   |
| 55°   | 5.9   | 5.9   | 5.9   | 5.9   |
| 57.5° | 5.9   | 5.9   | 5.9   | 5.9   |
| 60°   | 5.9   | 5.9   | 3.0   | 3.0   |
| 62.5° | 3.0   | 3.0   | 3.0   | 3.0   |
| 65°   | 3.0   | 3.0   | 0.0   | 0.0   |
| 67.5° | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5° | 3.0   | 3.0   | 0.0   | 0.0   |
| 75°   | 3.0   | 3.0   | 0.0   | 0.0   |
| 77.5° | 3.0   | 3.0   | 0.0   | 0.0   |
| 80°   | 3.0   | 3.0   | 0.0   | 0.0   |
| 82.5° | 3.0   | 3.0   | 3.0   | 0.0   |
| 85°   | 5.9   | 5.9   | 3.0   | 0.0   |
| 87.5° | 5.9   | 5.9   | 3.0   | 0.0   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)