

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: P560100

Luminaire Tested: **SDL-PA1-20-827-U-T2U-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560100  
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-PA1-20-827-U-T2U-HSS  
Description: Springdale  
(1) 80 CRI, 2700K, 260mA 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: 1463.6 lumens  
Efficiency: N/A  
Efficacy: 69.7 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: B0 - U0 - G1

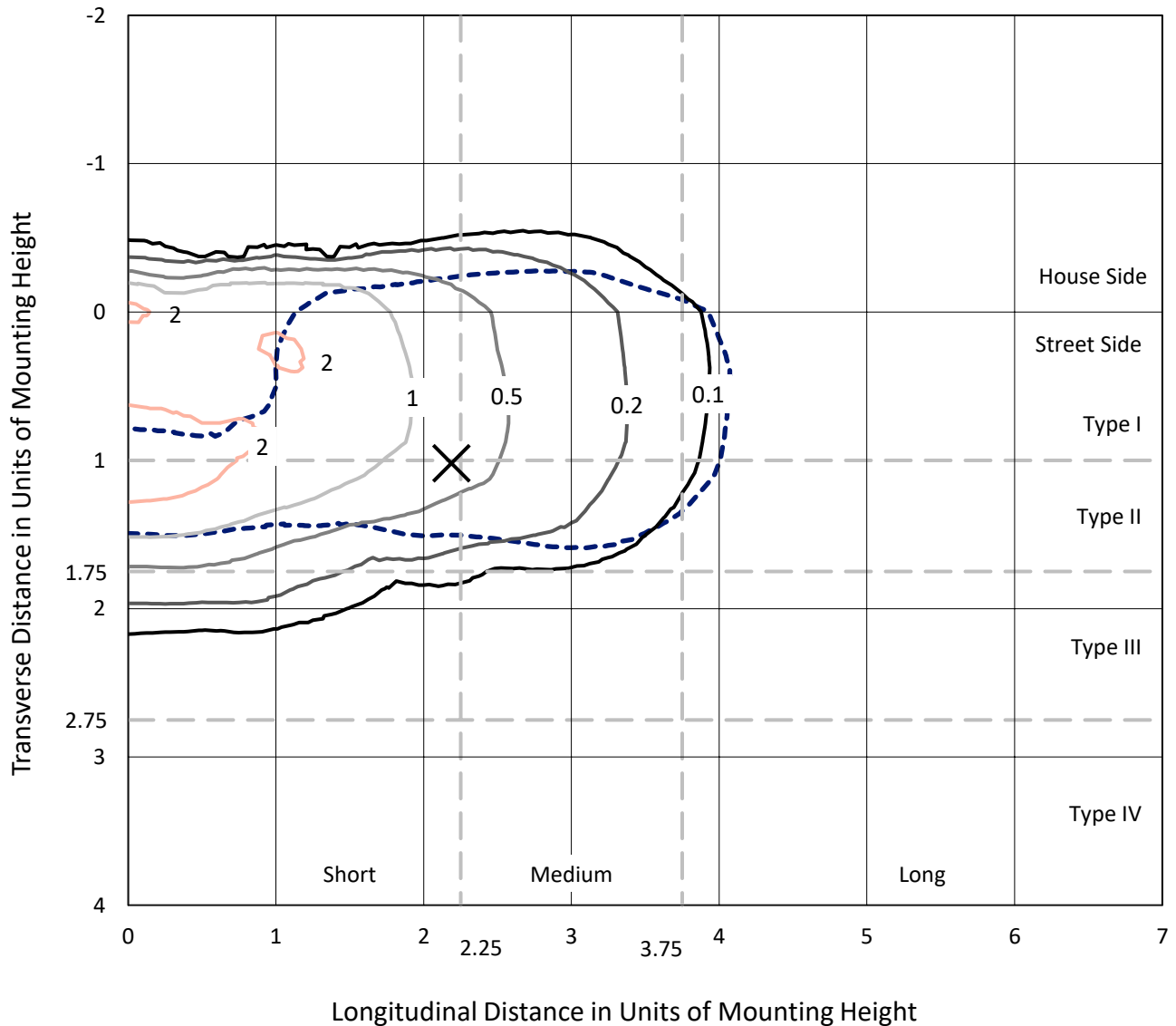
Input Watts (W): 21  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

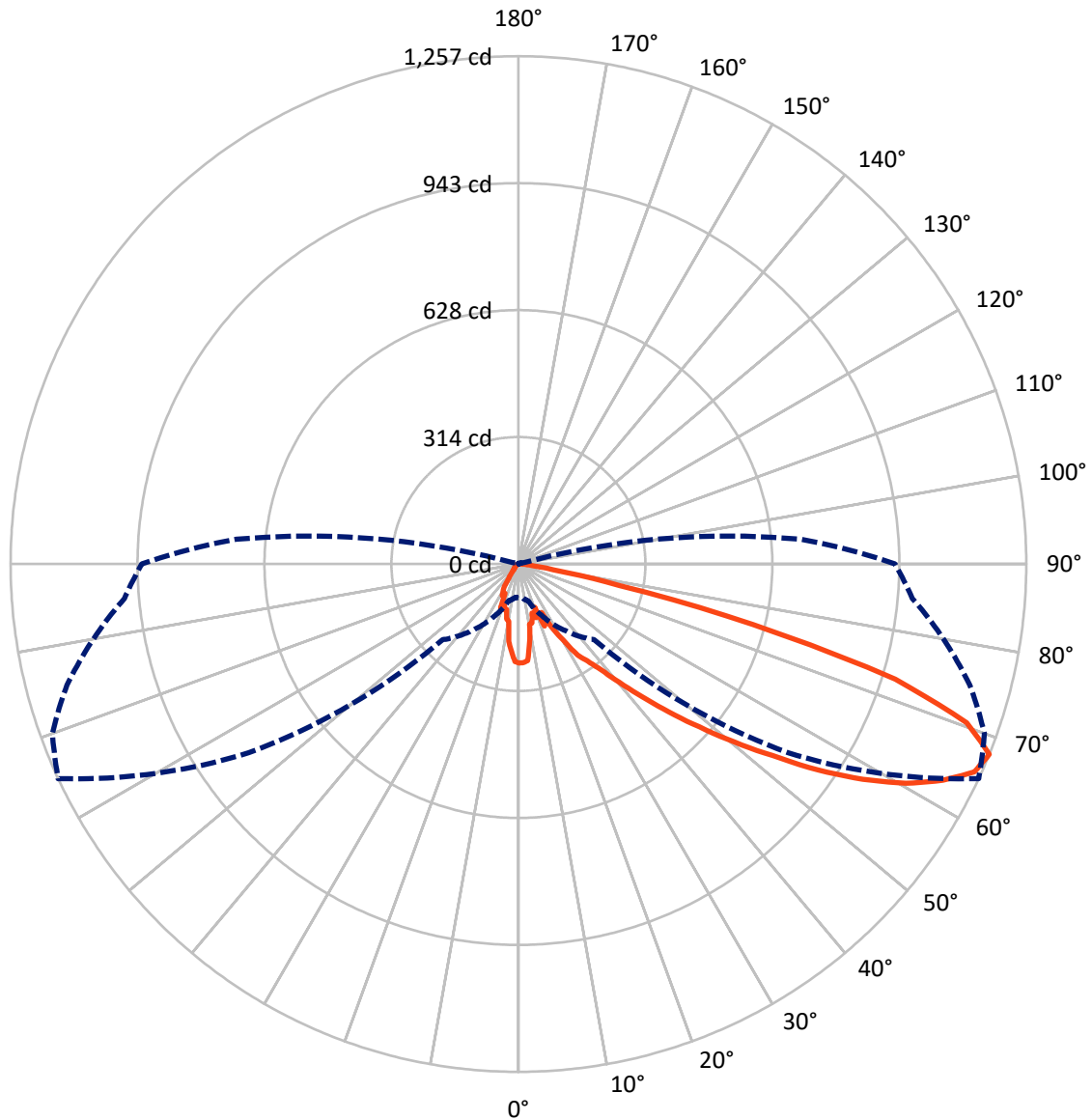
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.2 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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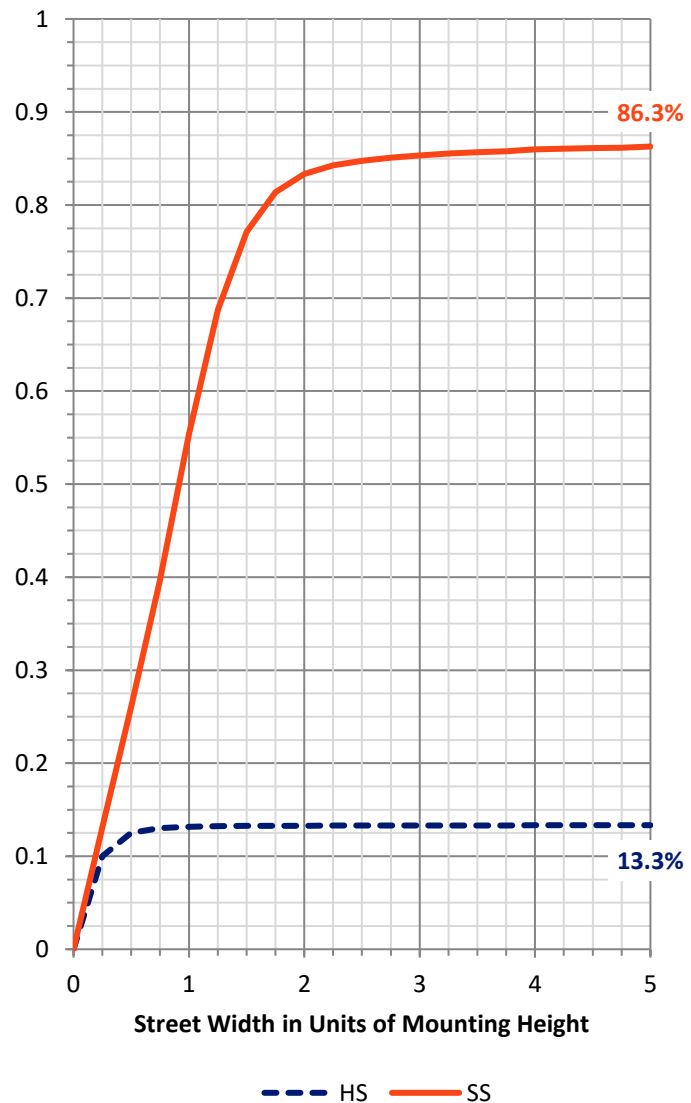
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 197.9    | 0.0    | 197.9  |
|                    | % Fixture | 13.5     | 0.0    | 13.5   |
| <b>Street Side</b> | Lumens    | 1265.7   | 0.0    | 1265.7 |
|                    | % Fixture | 86.5     | 0.0    | 86.5   |
| <b>Total</b>       | Lumens    | 1463.6   | 0.0    | 1463.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 18.8   | 1.3       |
| 10°-20°   | 36.4   | 2.5       |
| 20°-30°   | 54.9   | 3.8       |
| 30°-40°   | 126.5  | 8.6       |
| 40°-50°   | 277.6  | 19.0      |
| 50°-60°   | 407.5  | 27.8      |
| 60°-70°   | 353.9  | 24.2      |
| 70°-80°   | 175.5  | 12.0      |
| 80°-90°   | 12.5   | 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°    | 1463.6 | 100.0     |
| 0°-180°   | 1463.6 | 100.0     |



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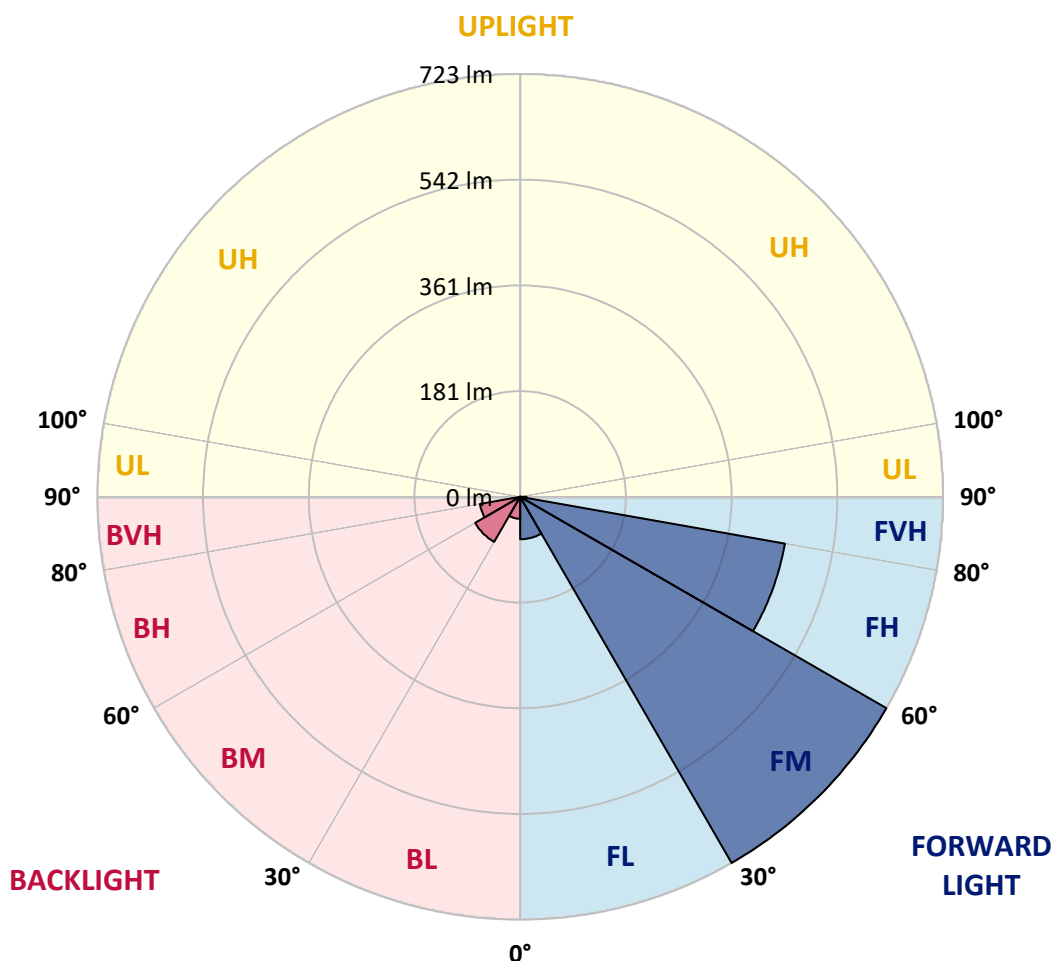
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|----------------|--------|-----------|-------------------------|------|--------|
|                |        |           | B                       | U    | G      |
| FL (0°-30°)    | 72.5   | 5.0       |                         |      |        |
| FM (30°-60°)   | 722.7  | 49.4      |                         |      |        |
| FH (60°-80°)   | 459.5  | 31.4      |                         |      | G0/660 |
| FVH (80°-90°)  | 11.0   | 0.7       |                         |      | G1/100 |
| BL (0°-30°)    | 37.6   | 2.6       | B0/110                  |      |        |
| BM (30°-60°)   | 88.9   | 6.1       | B0/220                  |      |        |
| BH (60°-80°)   | 69.9   | 4.8       | B0/110                  |      | G0/110 |
| BVH (80°-90°)  | 1.5    | 0.1       |                         |      | G0/10  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B0-U0-G1**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 |
| 2.5°  | 205.2 | 222.2 | 227.3 | 232.5 | 236.9 | 241.4 | 242.1 | 242.8 | 244.3 | 245.0 | 245.8 |
| 5°    | 200.8 | 201.5 | 201.5 | 200.8 | 201.5 | 202.2 | 202.2 | 202.2 | 202.2 | 202.2 | 203.0 |
| 7.5°  | 160.9 | 180.1 | 186.0 | 191.2 | 194.1 | 196.3 | 197.8 | 198.5 | 199.3 | 200.0 | 200.8 |
| 10°   | 194.1 | 193.4 | 194.1 | 194.1 | 194.9 | 194.9 | 177.9 | 160.9 | 166.8 | 172.0 | 163.1 |
| 12.5° | 154.3 | 169.8 | 176.4 | 183.0 | 187.5 | 191.2 | 183.8 | 175.7 | 160.2 | 143.9 | 144.7 |
| 15°   | 186.0 | 186.0 | 186.0 | 186.0 | 172.0 | 157.2 | 147.6 | 137.3 | 145.4 | 152.8 | 138.0 |
| 17.5° | 149.8 | 149.8 | 163.1 | 176.4 | 176.4 | 175.7 | 166.1 | 155.7 | 135.1 | 114.4 | 132.9 |
| 20°   | 185.3 | 185.3 | 186.0 | 186.7 | 162.4 | 138.0 | 146.1 | 153.5 | 156.5 | 159.4 | 152.8 |
| 22.5° | 151.3 | 151.3 | 153.5 | 155.0 | 163.9 | 172.7 | 149.1 | 125.5 | 144.7 | 163.9 | 150.6 |
| 25°   | 195.6 | 196.3 | 197.8 | 198.5 | 176.4 | 153.5 | 163.9 | 174.2 | 153.5 | 132.9 | 153.5 |
| 27.5° | 177.1 | 174.2 | 174.2 | 173.4 | 180.8 | 187.5 | 172.7 | 157.9 | 171.2 | 184.5 | 169.0 |
| 30°   | 248.7 | 246.5 | 243.6 | 240.6 | 212.6 | 184.5 | 185.3 | 185.3 | 180.1 | 174.9 | 183.8 |
| 32.5° | 344.7 | 341.0 | 315.9 | 290.8 | 270.1 | 249.5 | 228.1 | 206.7 | 214.0 | 220.7 | 216.3 |
| 35°   | 462.8 | 462.8 | 439.2 | 415.5 | 369.0 | 322.5 | 286.4 | 249.5 | 246.5 | 243.6 | 248.0 |
| 37.5° | 603.0 | 588.2 | 560.2 | 532.2 | 474.6 | 416.3 | 360.9 | 305.6 | 298.9 | 291.5 | 284.2 |
| 40°   | 707.1 | 704.9 | 683.5 | 662.1 | 591.2 | 520.3 | 455.4 | 389.7 | 368.3 | 346.2 | 329.9 |
| 42.5° | 815.6 | 807.5 | 790.5 | 772.8 | 701.2 | 628.8 | 559.5 | 489.3 | 459.8 | 430.3 | 401.5 |
| 45°   | 893.8 | 891.6 | 876.8 | 862.1 | 803.8 | 744.7 | 672.4 | 599.3 | 580.1 | 560.9 | 507.1 |
| 47.5° | 942.5 | 930.0 | 924.1 | 917.4 | 867.2 | 817.1 | 755.8 | 693.8 | 690.8 | 687.1 | 619.2 |
| 50°   | 927.8 | 916.7 | 918.2 | 919.6 | 895.3 | 870.9 | 824.4 | 777.2 | 785.3 | 793.4 | 737.3 |
| 52.5° | 849.5 | 839.9 | 853.2 | 865.8 | 865.0 | 864.3 | 847.3 | 829.6 | 859.1 | 887.9 | 849.5 |
| 55°   | 693.1 | 699.7 | 726.3 | 752.8 | 770.6 | 787.5 | 811.9 | 835.5 | 891.6 | 947.0 | 939.6 |
| 57.5° | 543.2 | 558.0 | 585.3 | 611.9 | 640.7 | 668.7 | 720.4 | 772.0 | 866.5 | 960.2 | 992.7 |
| 60°   | 364.6 | 374.2 | 422.2 | 469.4 | 496.0 | 522.6 | 578.7 | 634.0 | 762.4 | 890.1 | 975.0 |
| 62.5° | 226.6 | 231.8 | 259.1 | 286.4 | 340.3 | 394.1 | 422.2 | 449.5 | 588.2 | 726.3 | 883.5 |
| 65°   | 139.5 | 138.0 | 149.1 | 159.4 | 212.6 | 265.0 | 283.4 | 301.1 | 393.4 | 484.9 | 729.2 |
| 67.5° | 83.4  | 82.7  | 88.6  | 94.5  | 118.8 | 143.2 | 172.0 | 200.8 | 233.2 | 265.0 | 540.3 |
| 70°   | 67.9  | 69.4  | 71.6  | 73.8  | 80.5  | 87.1  | 113.7 | 140.2 | 139.5 | 138.8 | 324.8 |
| 72.5° | 56.8  | 58.3  | 62.7  | 66.4  | 71.6  | 76.0  | 91.5  | 106.3 | 99.6  | 93.0  | 155.0 |
| 75°   | 42.1  | 42.8  | 48.7  | 53.9  | 62.0  | 69.4  | 73.1  | 76.0  | 73.1  | 70.1  | 78.2  |
| 77.5° | 28.0  | 28.0  | 33.2  | 38.4  | 46.5  | 54.6  | 59.0  | 63.5  | 58.3  | 53.1  | 55.4  |
| 80°   | 17.7  | 17.7  | 20.7  | 22.9  | 31.0  | 39.1  | 44.3  | 49.5  | 45.0  | 39.9  | 39.1  |
| 82.5° | 10.3  | 11.1  | 12.5  | 14.0  | 19.2  | 24.4  | 28.0  | 31.7  | 36.9  | 41.3  | 33.2  |
| 85°   | 4.4   | 5.2   | 6.6   | 7.4   | 10.3  | 12.5  | 14.8  | 17.0  | 21.4  | 25.8  | 21.4  |
| 87.5° | 0.7   | 0.7   | 1.5   | 2.2   | 3.0   | 3.7   | 3.7   | 3.7   | 3.7   | 3.0   | 3.7   |
| 90°   | 0.0   | 0.0   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 0.7   | 1.5   |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 245.0  | 245.0  | 245.0  | 245.0  | 245.0  | 245.0  | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 |
| 2.5°  | 245.8  | 245.0  | 244.3  | 244.3  | 244.3  | 243.6  | 242.8 | 242.8 | 242.8 | 242.1 | 241.4 |
| 5°    | 203.0  | 221.4  | 239.9  | 240.6  | 242.1  | 241.4  | 240.6 | 239.9 | 239.1 | 238.4 | 236.9 |
| 7.5°  | 200.8  | 199.3  | 197.8  | 192.6  | 210.4  | 210.4  | 209.6 | 209.6 | 208.1 | 202.2 | 196.3 |
| 10°   | 153.5  | 152.8  | 151.3  | 153.5  | 157.2  | 169.8  | 181.6 | 180.8 | 178.6 | 164.6 | 150.6 |
| 12.5° | 145.4  | 147.6  | 149.8  | 142.4  | 128.4  | 140.2  | 152.0 | 150.6 | 149.1 | 136.5 | 123.3 |
| 15°   | 123.3  | 124.7  | 126.2  | 138.0  | 159.4  | 170.5  | 180.8 | 179.4 | 177.9 | 163.1 | 147.6 |
| 17.5° | 151.3  | 145.4  | 139.5  | 147.6  | 140.2  | 145.4  | 150.6 | 144.7 | 140.2 | 134.3 | 128.4 |
| 20°   | 145.4  | 129.9  | 114.4  | 138.0  | 165.3  | 174.2  | 183.0 | 180.8 | 176.4 | 162.4 | 147.6 |
| 22.5° | 136.5  | 152.0  | 166.8  | 159.4  | 146.1  | 138.0  | 129.9 | 126.2 | 123.3 | 124.0 | 124.7 |
| 25°   | 173.4  | 153.5  | 132.9  | 168.3  | 189.7  | 192.6  | 194.9 | 188.2 | 180.8 | 165.3 | 149.1 |
| 27.5° | 152.8  | 167.5  | 181.6  | 195.6  | 203.0  | 205.2  | 206.7 | 216.3 | 200.8 | 180.1 | 159.4 |
| 30°   | 192.6  | 205.2  | 217.7  | 248.7  | 273.8  | 278.3  | 282.7 | 271.6 | 259.1 | 234.0 | 208.9 |
| 32.5° | 211.8  | 240.6  | 268.7  | 283.4  | 293.8  | 297.4  | 301.1 | 286.4 | 272.4 | 239.9 | 206.7 |
| 35°   | 251.7  | 273.1  | 294.5  | 311.5  | 331.4  | 332.1  | 332.9 | 316.6 | 298.9 | 251.7 | 204.4 |
| 37.5° | 276.0  | 304.1  | 331.4  | 350.6  | 381.6  | 379.4  | 377.2 | 358.0 | 336.6 | 270.1 | 203.7 |
| 40°   | 312.9  | 349.1  | 384.5  | 403.0  | 440.6  | 434.0  | 427.3 | 405.2 | 381.6 | 290.1 | 198.5 |
| 42.5° | 372.7  | 411.1  | 449.5  | 465.0  | 506.3  | 498.9  | 490.8 | 461.3 | 431.0 | 306.3 | 181.6 |
| 45°   | 452.4  | 487.1  | 521.8  | 549.1  | 581.6  | 569.8  | 558.0 | 526.2 | 482.0 | 320.3 | 158.7 |
| 47.5° | 550.6  | 576.4  | 602.3  | 656.2  | 679.8  | 656.2  | 631.8 | 593.4 | 537.3 | 332.1 | 126.9 |
| 50°   | 681.2  | 687.1  | 692.3  | 759.5  | 783.1  | 746.9  | 710.8 | 661.3 | 594.2 | 345.4 | 96.0  |
| 52.5° | 810.4  | 799.3  | 787.5  | 859.9  | 868.7  | 820.7  | 772.0 | 720.4 | 636.2 | 352.8 | 68.6  |
| 55°   | 932.2  | 916.7  | 900.5  | 952.1  | 946.2  | 882.7  | 819.3 | 756.5 | 662.1 | 355.0 | 48.0  |
| 57.5° | 1025.2 | 1015.6 | 1005.3 | 1028.9 | 1006.7 | 932.2  | 857.6 | 794.9 | 681.2 | 358.7 | 35.4  |
| 60°   | 1059.1 | 1080.5 | 1101.9 | 1099.0 | 1058.4 | 979.4  | 900.5 | 834.0 | 693.1 | 360.2 | 26.6  |
| 62.5° | 1040.7 | 1110.1 | 1178.7 | 1150.7 | 1101.2 | 1017.8 | 933.7 | 869.5 | 698.2 | 359.4 | 20.7  |
| 65°   | 973.5  | 1107.1 | 1240.0 | 1193.5 | 1131.5 | 1048.1 | 964.7 | 907.1 | 704.1 | 360.2 | 16.2  |
| 67.5° | 814.8  | 1036.3 | 1256.9 | 1227.4 | 1156.6 | 1068.0 | 978.7 | 932.2 | 701.2 | 357.2 | 13.3  |
| 70°   | 510.0  | 843.6  | 1177.2 | 1200.1 | 1156.6 | 1059.1 | 961.7 | 924.8 | 674.6 | 342.5 | 10.3  |
| 72.5° | 216.3  | 595.6  | 975.0  | 1074.6 | 1104.9 | 1010.4 | 916.0 | 870.2 | 617.8 | 312.9 | 8.1   |
| 75°   | 85.6   | 342.5  | 599.3  | 757.3  | 850.3  | 810.4  | 769.8 | 708.6 | 405.2 | 205.9 | 5.9   |
| 77.5° | 57.6   | 156.5  | 255.4  | 372.0  | 443.6  | 459.1  | 474.6 | 404.5 | 161.6 | 83.4  | 4.4   |
| 80°   | 38.4   | 62.7   | 87.1   | 133.6  | 159.4  | 150.6  | 141.0 | 115.9 | 49.5  | 26.6  | 3.7   |
| 82.5° | 24.4   | 32.5   | 40.6   | 45.8   | 47.2   | 34.0   | 20.7  | 17.0  | 5.9   | 4.4   | 2.2   |
| 85°   | 16.2   | 19.2   | 22.1   | 22.9   | 22.9   | 16.2   | 8.9   | 4.4   | 2.2   | 2.2   | 1.5   |
| 87.5° | 4.4    | 5.2    | 5.2    | 5.2    | 3.7    | 3.0    | 2.2   | 1.5   | 1.5   | 1.5   | 1.5   |
| 90°   | 2.2    | 3.0    | 3.0    | 3.0    | 2.2    | 2.2    | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |





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**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 | 245.0 |
| 2.5°  | 241.4 | 241.4 | 240.6 | 239.9 | 239.9 | 239.1 | 231.8 | 223.6 | 216.3 | 208.1 | 207.4 |
| 5°    | 227.3 | 217.0 | 207.4 | 197.8 | 196.3 | 194.1 | 194.1 | 193.4 | 193.4 | 192.6 | 192.6 |
| 7.5°  | 194.9 | 193.4 | 191.9 | 190.4 | 189.7 | 188.2 | 187.5 | 186.0 | 185.3 | 183.8 | 175.7 |
| 10°   | 147.6 | 143.9 | 143.9 | 143.2 | 144.7 | 146.1 | 145.4 | 143.9 | 153.5 | 163.1 | 162.4 |
| 12.5° | 131.4 | 138.8 | 132.1 | 124.7 | 126.9 | 128.4 | 130.6 | 132.9 | 132.1 | 130.6 | 119.6 |
| 15°   | 132.1 | 115.9 | 110.7 | 104.8 | 107.8 | 110.0 | 90.8  | 70.9  | 67.2  | 63.5  | 59.0  |
| 17.5° | 123.3 | 118.1 | 114.4 | 110.0 | 84.1  | 57.6  | 51.7  | 45.8  | 40.6  | 34.7  | 34.0  |
| 20°   | 124.7 | 101.1 | 94.5  | 87.1  | 67.2  | 47.2  | 36.2  | 25.1  | 22.1  | 19.2  | 22.1  |
| 22.5° | 121.8 | 118.1 | 86.4  | 54.6  | 40.6  | 26.6  | 22.1  | 17.0  | 18.5  | 19.9  | 19.9  |
| 25°   | 114.4 | 79.7  | 62.0  | 44.3  | 31.0  | 17.0  | 17.7  | 17.7  | 16.2  | 14.0  | 15.5  |
| 27.5° | 124.0 | 87.8  | 56.1  | 23.6  | 20.7  | 17.0  | 15.5  | 13.3  | 13.3  | 13.3  | 12.5  |
| 30°   | 143.2 | 76.8  | 48.0  | 19.2  | 16.2  | 13.3  | 12.5  | 11.8  | 11.1  | 9.6   | 10.3  |
| 32.5° | 135.8 | 65.0  | 40.6  | 16.2  | 14.0  | 11.8  | 10.3  | 8.9   | 8.9   | 8.9   | 8.9   |
| 35°   | 123.3 | 41.3  | 28.0  | 14.0  | 11.8  | 9.6   | 8.9   | 7.4   | 7.4   | 7.4   | 7.4   |
| 37.5° | 115.1 | 26.6  | 19.2  | 11.1  | 9.6   | 8.1   | 7.4   | 5.9   | 5.9   | 5.9   | 6.6   |
| 40°   | 108.5 | 18.5  | 14.0  | 9.6   | 8.1   | 5.9   | 5.2   | 4.4   | 5.2   | 5.2   | 5.2   |
| 42.5° | 98.9  | 15.5  | 11.8  | 8.1   | 6.6   | 5.2   | 4.4   | 3.7   | 4.4   | 4.4   | 4.4   |
| 45°   | 86.4  | 14.0  | 10.3  | 6.6   | 5.9   | 4.4   | 3.7   | 3.0   | 3.7   | 3.7   | 3.7   |
| 47.5° | 69.4  | 11.8  | 8.9   | 5.9   | 5.2   | 3.7   | 3.7   | 3.0   | 3.0   | 3.0   | 3.0   |
| 50°   | 53.9  | 11.1  | 8.1   | 5.2   | 4.4   | 3.0   | 3.0   | 2.2   | 3.0   | 3.0   | 3.0   |
| 52.5° | 39.1  | 9.6   | 7.4   | 4.4   | 3.7   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   |
| 55°   | 28.0  | 8.1   | 5.9   | 3.7   | 3.0   | 2.2   | 2.2   | 1.5   | 2.2   | 2.2   | 2.2   |
| 57.5° | 21.4  | 7.4   | 5.2   | 3.0   | 2.2   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |
| 60°   | 17.0  | 6.6   | 5.2   | 3.0   | 2.2   | 1.5   | 1.5   | 0.7   | 1.5   | 1.5   | 1.5   |
| 62.5° | 13.3  | 5.2   | 4.4   | 3.0   | 2.2   | 1.5   | 1.5   | 0.7   | 1.5   | 1.5   | 1.5   |
| 65°   | 10.3  | 4.4   | 3.7   | 2.2   | 1.5   | 0.7   | 0.7   | 0.7   | 1.5   | 1.5   | 1.5   |
| 67.5° | 8.9   | 3.7   | 3.0   | 2.2   | 1.5   | 0.7   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   |
| 70°   | 7.4   | 3.7   | 3.0   | 2.2   | 1.5   | 0.7   | 1.5   | 1.5   | 2.2   | 2.2   | 1.5   |
| 72.5° | 5.9   | 3.0   | 2.2   | 1.5   | 1.5   | 0.7   | 1.5   | 1.5   | 2.2   | 2.2   | 1.5   |
| 75°   | 4.4   | 2.2   | 2.2   | 1.5   | 1.5   | 0.7   | 1.5   | 2.2   | 2.2   | 2.2   | 1.5   |
| 77.5° | 3.7   | 2.2   | 2.2   | 1.5   | 1.5   | 0.7   | 1.5   | 2.2   | 2.2   | 2.2   | 2.2   |
| 80°   | 3.0   | 1.5   | 1.5   | 1.5   | 0.7   | 0.0   | 1.5   | 3.0   | 3.0   | 2.2   | 2.2   |
| 82.5° | 2.2   | 1.5   | 1.5   | 1.5   | 0.7   | 0.0   | 1.5   | 3.0   | 3.0   | 2.2   | 2.2   |
| 85°   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 0.7   | 2.2   | 3.0   | 3.0   | 2.2   | 2.2   |
| 87.5° | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 0.7   | 1.5   | 2.2   | 2.2   | 2.2   | 2.2   |
| 90°   | 1.5   | 1.5   | 2.2   | 2.2   | 1.5   | 0.7   | 1.5   | 2.2   | 2.2   | 2.2   | 2.2   |



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**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 245.0 | 245.0 | 245.0 | 245.0 |
| 2.5°  | 205.9 | 207.4 | 208.1 | 206.7 |
| 5°    | 191.9 | 191.9 | 191.2 | 193.4 |
| 7.5°  | 166.8 | 162.4 | 157.2 | 153.5 |
| 10°   | 160.9 | 157.2 | 153.5 | 154.3 |
| 12.5° | 107.8 | 96.7  | 85.6  | 89.3  |
| 15°   | 54.6  | 51.7  | 48.7  | 48.7  |
| 17.5° | 32.5  | 29.5  | 25.8  | 26.6  |
| 20°   | 24.4  | 24.4  | 24.4  | 24.4  |
| 22.5° | 19.2  | 18.5  | 17.0  | 16.2  |
| 25°   | 16.2  | 16.2  | 16.2  | 16.2  |
| 27.5° | 11.8  | 11.8  | 11.1  | 10.3  |
| 30°   | 10.3  | 10.3  | 10.3  | 9.6   |
| 32.5° | 8.1   | 8.9   | 8.9   | 8.9   |
| 35°   | 7.4   | 7.4   | 7.4   | 7.4   |
| 37.5° | 6.6   | 6.6   | 5.9   | 5.9   |
| 40°   | 5.2   | 5.2   | 5.2   | 5.2   |
| 42.5° | 4.4   | 4.4   | 4.4   | 4.4   |
| 45°   | 3.7   | 3.7   | 3.7   | 3.7   |
| 47.5° | 3.0   | 3.0   | 3.0   | 3.0   |
| 50°   | 3.0   | 3.0   | 2.2   | 2.2   |
| 52.5° | 2.2   | 2.2   | 1.5   | 1.5   |
| 55°   | 1.5   | 1.5   | 1.5   | 1.5   |
| 57.5° | 1.5   | 1.5   | 0.7   | 0.7   |
| 60°   | 1.5   | 1.5   | 0.7   | 0.7   |
| 62.5° | 0.7   | 0.7   | 0.7   | 0.7   |
| 65°   | 0.7   | 0.7   | 0.0   | 0.0   |
| 67.5° | 0.7   | 0.7   | 0.0   | 0.0   |
| 70°   | 0.7   | 0.7   | 0.0   | 0.0   |
| 72.5° | 0.7   | 0.7   | 0.0   | 0.0   |
| 75°   | 0.7   | 0.7   | 0.0   | 0.0   |
| 77.5° | 1.5   | 0.7   | 0.0   | 0.0   |
| 80°   | 1.5   | 1.5   | 0.7   | 0.0   |
| 82.5° | 1.5   | 1.5   | 0.7   | 0.0   |
| 85°   | 1.5   | 1.5   | 0.7   | 0.0   |
| 87.5° | 1.5   | 1.5   | 0.7   | 0.0   |
| 90°   | 1.5   | 1.5   | 0.7   | 0.0   |

(END OF REPORT)