

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: P694691

Luminaire Tested: **LXF.LXT-PA16-20-827-U-T3-A**

Issue Date: 7/5/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P694691  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/5/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA16-20-827-U-T3-A  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 80 CRI, 2700K, 420mA LIGHTSQUARE WITH 16 LEDS AND TYPE III OPTICS AND REFRACTOR PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2080 lumens  
Efficiency: N/A  
Efficacy: 95.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U2 - G1

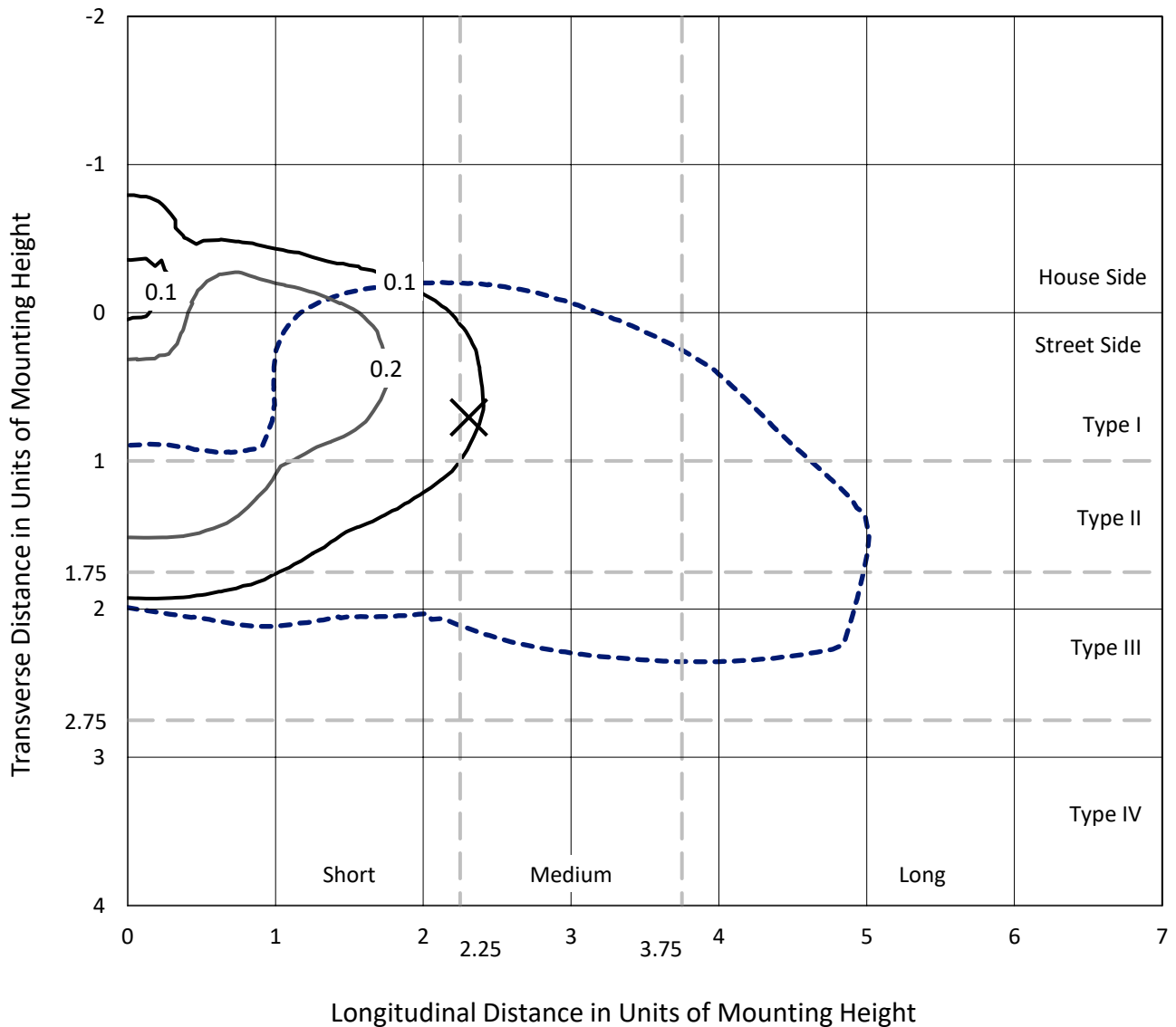
Input Watts (W): 21.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

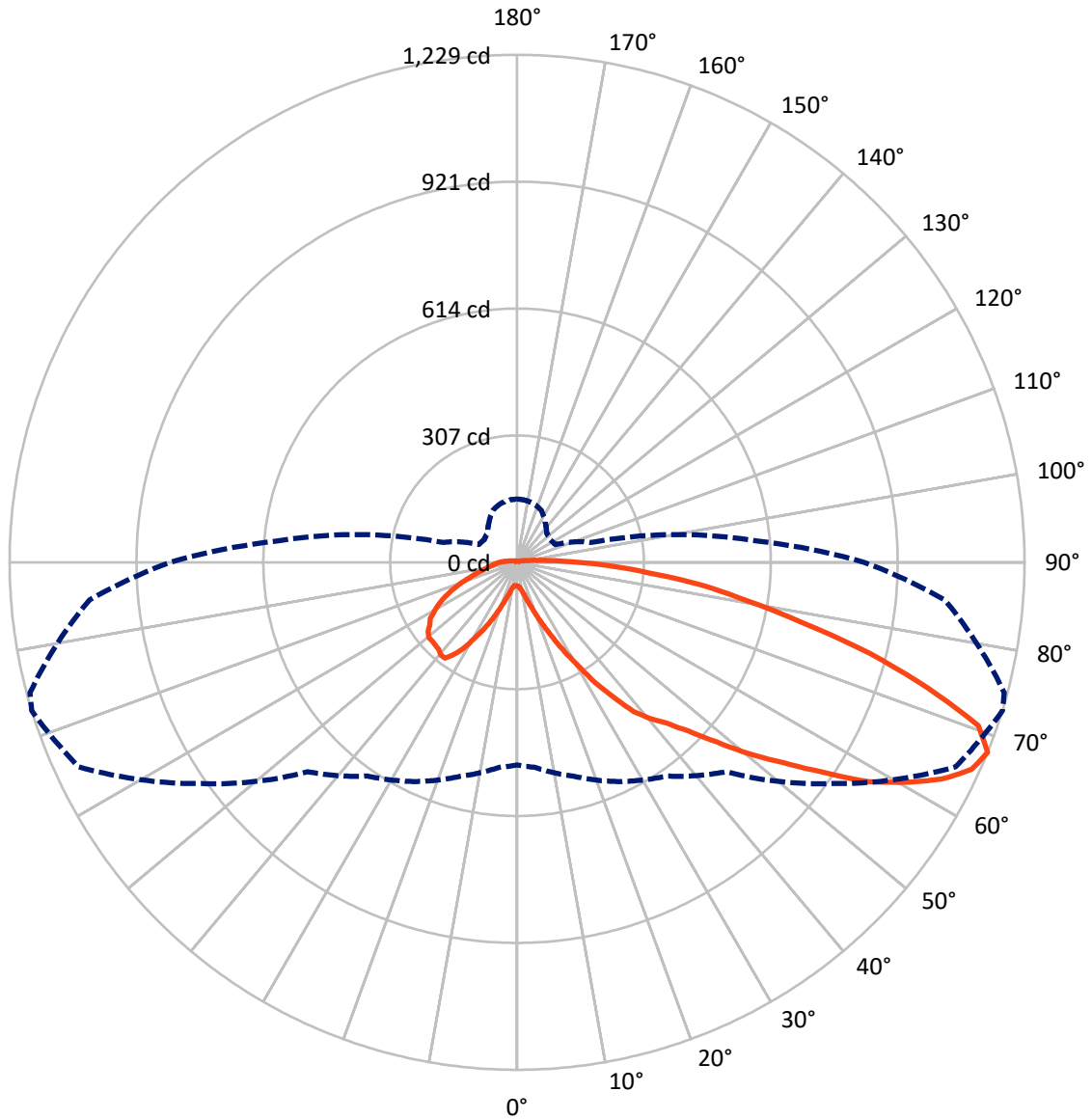
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.4 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 73-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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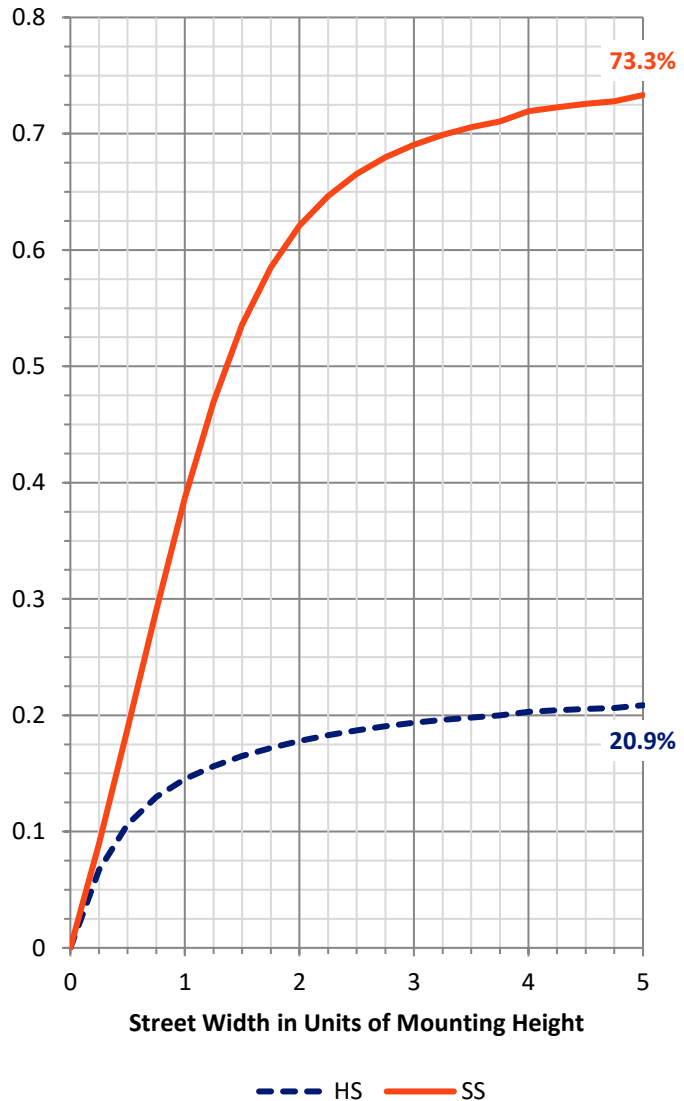
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 455.2    | 34.0   | 489.2  |
|                    | % Fixture | 21.9     | 1.6    | 23.5   |
| <b>Street Side</b> | Lumens    | 1556.0   | 34.8   | 1590.8 |
|                    | % Fixture | 74.8     | 1.7    | 76.5   |
| <b>Total</b>       | Lumens    | 2011.2   | 68.9   | 2080.0 |
|                    | % Fixture | 96.7     | 3.3    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 5.8    | 0.3       |
| 10°-20°   | 25.6   | 1.2       |
| 20°-30°   | 78.7   | 3.8       |
| 30°-40°   | 181.2  | 8.7       |
| 40°-50°   | 293.5  | 14.1      |
| 50°-60°   | 435.4  | 20.9      |
| 60°-70°   | 507.0  | 24.4      |
| 70°-80°   | 348.3  | 16.7      |
| 80°-90°   | 135.7  | 6.5       |
| 90°-100°  | 38.5   | 1.9       |
| 100°-110° | 14.1   | 0.7       |
| 110°-120° | 7.2    | 0.3       |
| 120°-130° | 4.5    | 0.2       |
| 130°-140° | 3.0    | 0.1       |
| 140°-150° | 1.4    | 0.1       |
| 150°-160° | 0.1    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 2011.2 | 96.7      |
| 0°-180°   | 2080.0 | 100.0     |

**Coefficient of Utilization**

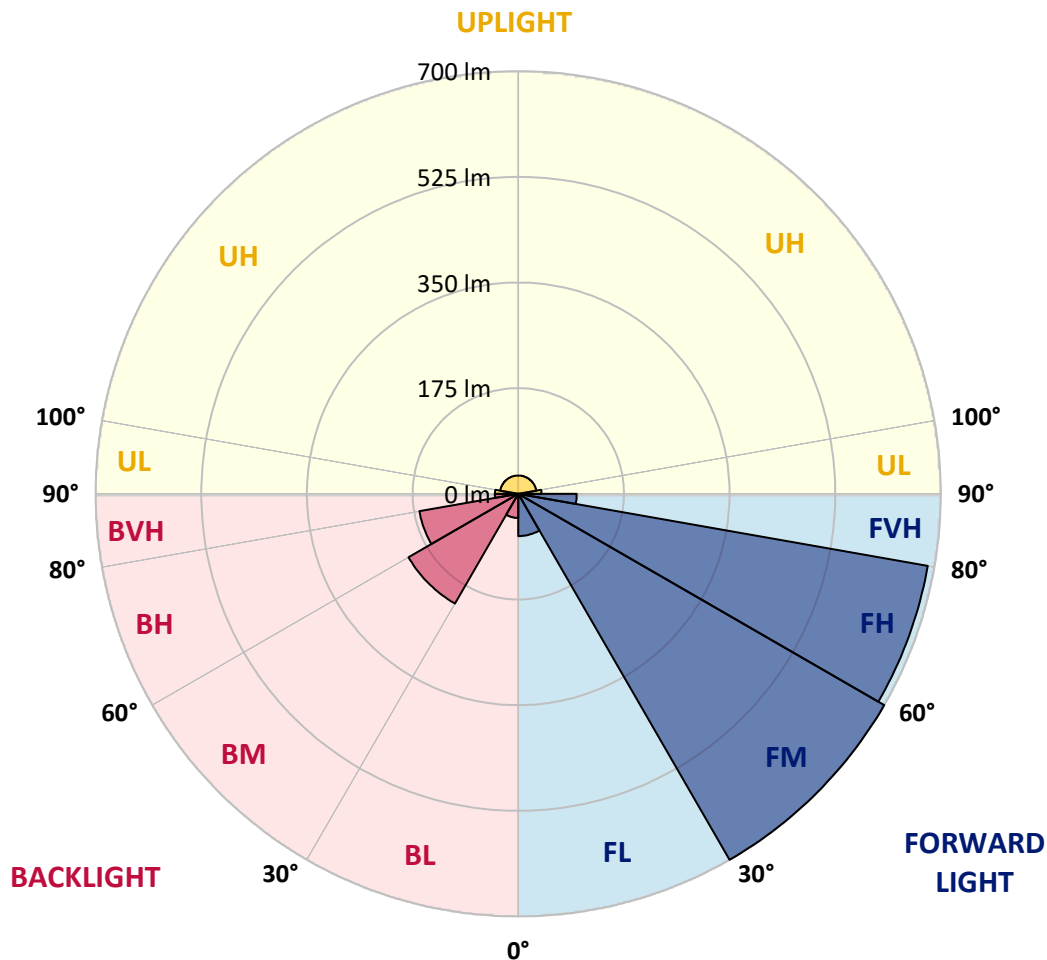


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|----------------|--------|-----------|-------------------------|-------|---------|
|                |        |           | B                       | U     | G       |
| FL (0°-30°)    | 70.0   | 3.4       |                         |       |         |
| FM (30°-60°)   | 700.2  | 33.7      |                         |       |         |
| FH (60°-80°)   | 688.9  | 33.1      |                         |       | G1/1800 |
| FVH (80°-90°)  | 96.8   | 4.7       |                         |       | G1/100  |
| BL (0°-30°)    | 40.0   | 1.9       | B0/110                  |       |         |
| BM (30°-60°)   | 209.9  | 10.1      | B0/220                  |       |         |
| BH (60°-80°)   | 166.3  | 8.0       | B1/500                  |       | G1/500  |
| BVH (80°-90°)  | 38.9   | 1.9       |                         |       | G1/100  |
| UL (90°-100°)  | 38.5   | 1.9       |                         | U2/50 |         |
| UH (100°-180°) | 30.4   | 1.5       |                         | U2/50 |         |

**BUG Rating: B1-U2-G1**  
 Type III Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°    | 73°    | 75°    | 85°    |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0°     | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  | 57.3   | 57.3   | 57.3   | 57.3   |
| 2.5°   | 60.3  | 61.1  | 61.1  | 61.1  | 61.1  | 60.3  | 59.5  | 58.8   | 58.8   | 58.0   | 57.3   |
| 5°     | 67.8  | 67.8  | 67.1  | 67.1  | 66.3  | 65.6  | 64.1  | 62.6   | 61.1   | 61.1   | 59.5   |
| 7.5°   | 74.6  | 75.4  | 75.4  | 73.9  | 73.1  | 71.6  | 69.3  | 67.1   | 65.6   | 64.8   | 62.6   |
| 10°    | 85.2  | 85.9  | 85.2  | 83.7  | 82.2  | 79.9  | 76.9  | 74.6   | 72.4   | 70.8   | 68.6   |
| 12.5°  | 99.5  | 99.5  | 98.7  | 95.7  | 92.7  | 90.4  | 87.4  | 85.2   | 82.2   | 82.2   | 79.1   |
| 15°    | 116.8 | 117.6 | 115.3 | 113.1 | 108.5 | 104.8 | 101.0 | 99.5   | 98.0   | 98.0   | 94.2   |
| 17.5°  | 138.7 | 139.4 | 136.4 | 130.4 | 125.1 | 122.1 | 119.8 | 117.6  | 116.1  | 116.1  | 112.3  |
| 20°    | 171.1 | 166.6 | 165.8 | 153.0 | 147.0 | 142.5 | 140.9 | 139.4  | 140.2  | 138.7  | 136.4  |
| 22.5°  | 207.3 | 204.3 | 199.7 | 184.7 | 173.4 | 166.6 | 164.3 | 165.1  | 167.3  | 167.3  | 166.6  |
| 25°    | 250.2 | 251.0 | 239.7 | 220.8 | 203.5 | 193.7 | 193.0 | 200.5  | 202.7  | 204.3  | 203.5  |
| 27.5°  | 299.2 | 302.2 | 284.1 | 263.8 | 239.7 | 223.1 | 224.6 | 237.4  | 245.0  | 245.7  | 245.0  |
| 30°    | 362.5 | 364.0 | 341.4 | 309.8 | 275.9 | 257.0 | 261.5 | 279.6  | 287.9  | 290.9  | 292.4  |
| 32.5°  | 434.9 | 434.9 | 409.3 | 367.8 | 317.3 | 290.9 | 295.5 | 327.1  | 346.7  | 346.0  | 350.5  |
| 35°    | 504.2 | 499.0 | 477.1 | 424.3 | 363.3 | 327.1 | 338.4 | 374.6  | 398.7  | 403.2  | 401.0  |
| 37.5°  | 552.5 | 556.2 | 535.9 | 484.6 | 410.0 | 364.8 | 380.6 | 426.6  | 458.3  | 458.3  | 452.2  |
| 40°    | 584.1 | 588.6 | 569.8 | 526.1 | 456.0 | 406.3 | 423.6 | 473.3  | 497.5  | 499.0  | 477.1  |
| 42.5°  | 618.0 | 621.8 | 609.0 | 563.8 | 494.4 | 445.4 | 461.3 | 508.8  | 532.9  | 532.1  | 509.5  |
| 45°    | 655.7 | 661.0 | 655.0 | 609.0 | 532.9 | 482.4 | 495.9 | 551.0  | 582.6  | 587.9  | 558.5  |
| 47.5°  | 701.7 | 705.5 | 698.7 | 653.5 | 575.8 | 520.1 | 541.2 | 608.2  | 649.7  | 650.5  | 616.5  |
| 50°    | 727.3 | 734.9 | 745.4 | 710.0 | 624.8 | 562.3 | 594.7 | 680.6  | 728.8  | 737.9  | 692.7  |
| 52.5°  | 743.2 | 751.5 | 768.8 | 761.3 | 686.6 | 618.0 | 666.3 | 763.5  | 805.0  | 817.8  | 752.2  |
| 55°    | 769.5 | 778.6 | 797.4 | 786.9 | 734.9 | 682.1 | 733.4 | 847.9  | 896.2  | 902.2  | 844.2  |
| 57.5°  | 732.6 | 741.7 | 792.9 | 813.3 | 768.0 | 737.9 | 805.0 | 942.1  | 1001.7 | 1010.7 | 930.1  |
| 60°    | 699.4 | 705.5 | 739.4 | 797.4 | 787.6 | 777.8 | 881.8 | 1032.6 | 1081.6 | 1084.6 | 981.3  |
| 62.5°  | 637.6 | 651.2 | 690.4 | 737.9 | 764.3 | 792.2 | 937.6 | 1104.2 | 1155.4 | 1160.7 | 1031.8 |
| 65°    | 551.7 | 561.5 | 605.2 | 673.1 | 704.7 | 768.8 | 961.0 | 1162.2 | 1209.0 | 1205.9 | 1056.7 |
| 67.5°  | 490.7 | 498.2 | 536.6 | 585.6 | 631.6 | 716.8 | 933.9 | 1171.3 | 1228.6 | 1221.0 | 1038.6 |
| 70°    | 385.1 | 394.2 | 437.9 | 514.8 | 551.0 | 635.4 | 869.8 | 1135.1 | 1184.8 | 1178.1 | 956.5  |
| 72.5°  | 306.8 | 315.1 | 356.5 | 421.3 | 482.4 | 550.2 | 784.6 | 1019.8 | 1039.4 | 1022.0 | 805.7  |
| 75°    | 224.6 | 235.9 | 263.8 | 322.6 | 395.7 | 475.6 | 661.0 | 866.8  | 882.6  | 866.0  | 654.2  |
| 77.5°  | 155.3 | 156.0 | 180.9 | 236.7 | 300.0 | 401.0 | 548.7 | 719.8  | 709.2  | 691.9  | 500.5  |
| 80°    | 99.5  | 101.0 | 116.8 | 153.0 | 217.8 | 303.0 | 443.2 | 573.6  | 563.8  | 556.2  | 383.6  |
| 82.5°  | 64.1  | 61.8  | 75.4  | 100.2 | 147.7 | 220.1 | 344.4 | 459.8  | 449.2  | 431.1  | 290.2  |
| 85°    | 40.7  | 42.2  | 49.7  | 65.6  | 101.0 | 160.5 | 257.0 | 329.4  | 315.8  | 299.2  | 198.2  |
| 87.5°  | 30.9  | 31.7  | 36.2  | 46.7  | 68.6  | 113.1 | 175.6 | 229.1  | 220.1  | 204.3  | 133.4  |
| 90°    | 23.4  | 24.1  | 27.1  | 33.9  | 47.5  | 76.9  | 116.8 | 144.0  | 133.4  | 125.1  | 85.9   |
| 92.5°  | 16.6  | 17.3  | 20.4  | 25.6  | 35.4  | 53.5  | 75.4  | 84.4   | 78.4   | 75.4   | 55.8   |
| 95°    | 12.1  | 12.8  | 15.1  | 18.8  | 26.4  | 36.9  | 47.5  | 51.3   | 47.5   | 46.0   | 39.2   |
| 97.5°  | 9.8   | 10.6  | 11.3  | 14.3  | 20.4  | 27.1  | 32.4  | 33.2   | 32.4   | 30.9   | 29.4   |
| 100°   | 8.3   | 8.3   | 9.8   | 11.3  | 15.8  | 21.9  | 24.1  | 24.1   | 24.1   | 24.1   | 22.6   |
| 102.5° | 6.8   | 6.8   | 8.3   | 9.8   | 12.8  | 17.3  | 18.8  | 18.8   | 18.1   | 18.8   | 18.1   |
| 105°   | 6.0   | 6.0   | 6.8   | 8.3   | 11.3  | 14.3  | 15.1  | 14.3   | 14.3   | 14.3   | 14.3   |
| 107.5° | 5.3   | 5.3   | 6.0   | 7.5   | 9.8   | 12.1  | 12.8  | 12.1   | 11.3   | 11.3   | 12.1   |
| 110°   | 4.5   | 4.5   | 5.3   | 6.0   | 8.3   | 10.6  | 10.6  | 9.0    | 9.0    | 9.0    | 9.8    |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 65° | 73° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 4.5 | 4.5 | 5.3 | 6.0 | 7.5 | 9.0 | 8.3 | 7.5 | 7.5 | 7.5 | 8.3 |
| 115°   | 4.5 | 4.5 | 4.5 | 5.3 | 6.8 | 7.5 | 7.5 | 6.8 | 6.0 | 6.8 | 7.5 |
| 117.5° | 4.5 | 4.5 | 4.5 | 5.3 | 6.0 | 6.8 | 6.8 | 6.0 | 5.3 | 6.0 | 6.8 |
| 120°   | 4.5 | 4.5 | 4.5 | 5.3 | 6.0 | 6.0 | 6.0 | 5.3 | 5.3 | 5.3 | 6.0 |
| 122.5° | 3.8 | 3.8 | 4.5 | 4.5 | 5.3 | 5.3 | 5.3 | 4.5 | 4.5 | 4.5 | 6.0 |
| 125°   | 3.8 | 3.8 | 4.5 | 4.5 | 5.3 | 5.3 | 4.5 | 4.5 | 4.5 | 4.5 | 5.3 |
| 127.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 3.8 | 4.5 | 4.5 | 5.3 |
| 130°   | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 3.8 | 3.8 | 4.5 | 4.5 | 5.3 |
| 132.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 3.8 | 3.8 | 3.8 | 3.8 | 4.5 | 4.5 |
| 135°   | 4.5 | 4.5 | 4.5 | 4.5 | 3.8 | 3.8 | 3.0 | 3.8 | 3.8 | 3.8 | 4.5 |
| 137.5° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.0 | 3.0 | 3.0 | 3.0 | 3.8 | 3.8 |
| 140°   | 3.8 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.3 | 2.3 | 3.0 | 3.0 | 3.8 |
| 142.5° | 3.0 | 3.0 | 3.0 | 3.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 3.0 | 3.0 |
| 145°   | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 1.5 | 1.5 | 1.5 | 2.3 | 2.3 | 2.3 |
| 147.5° | 2.3 | 1.5 | 2.3 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 2.3 |
| 150°   | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 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°     | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  | 57.3  |
| 2.5°   | 57.3  | 56.5  | 56.5  | 55.8  | 55.0  | 55.0  | 54.3  | 54.3  | 54.3  | 54.3  | 53.5  |
| 5°     | 58.8  | 58.0  | 56.5  | 55.0  | 53.5  | 52.8  | 52.0  | 51.3  | 50.5  | 50.5  | 50.5  |
| 7.5°   | 61.1  | 60.3  | 58.0  | 55.8  | 53.5  | 51.3  | 49.7  | 49.0  | 48.2  | 47.5  | 47.5  |
| 10°    | 67.1  | 64.8  | 61.1  | 57.3  | 54.3  | 51.3  | 49.0  | 47.5  | 46.7  | 46.0  | 46.0  |
| 12.5°  | 75.4  | 74.6  | 68.6  | 62.6  | 57.3  | 52.8  | 49.7  | 49.0  | 48.2  | 48.2  | 47.5  |
| 15°    | 91.2  | 88.2  | 81.4  | 71.6  | 63.3  | 56.5  | 54.3  | 53.5  | 55.0  | 55.0  | 55.8  |
| 17.5°  | 108.5 | 104.8 | 95.7  | 83.7  | 72.4  | 64.8  | 61.8  | 62.6  | 64.1  | 65.6  | 65.6  |
| 20°    | 131.1 | 127.4 | 115.3 | 98.0  | 84.4  | 75.4  | 71.6  | 71.6  | 74.6  | 76.9  | 76.9  |
| 22.5°  | 162.0 | 155.3 | 137.9 | 114.6 | 96.5  | 85.9  | 80.6  | 79.9  | 83.7  | 85.9  | 85.9  |
| 25°    | 198.2 | 188.4 | 165.8 | 134.9 | 109.3 | 94.2  | 88.2  | 88.9  | 93.5  | 97.2  | 97.2  |
| 27.5°  | 235.9 | 225.4 | 193.7 | 153.8 | 121.3 | 100.2 | 95.0  | 98.0  | 104.0 | 107.8 | 108.5 |
| 30°    | 281.9 | 267.6 | 223.1 | 172.6 | 130.4 | 105.5 | 100.2 | 104.8 | 112.3 | 117.6 | 118.3 |
| 32.5°  | 333.9 | 315.8 | 260.0 | 191.4 | 137.2 | 108.5 | 103.3 | 112.3 | 121.3 | 128.9 | 128.9 |
| 35°    | 383.6 | 359.5 | 287.2 | 205.8 | 140.9 | 109.3 | 106.3 | 117.6 | 128.1 | 134.9 | 134.9 |
| 37.5°  | 428.1 | 397.2 | 309.8 | 213.3 | 140.9 | 109.3 | 107.0 | 119.8 | 129.6 | 134.2 | 133.4 |
| 40°    | 445.4 | 408.5 | 310.5 | 209.5 | 138.7 | 107.8 | 106.3 | 118.3 | 125.9 | 127.4 | 125.9 |
| 42.5°  | 471.8 | 426.6 | 305.3 | 196.7 | 131.1 | 105.5 | 104.0 | 113.1 | 117.6 | 117.6 | 116.1 |
| 45°    | 512.5 | 454.5 | 306.0 | 183.9 | 122.9 | 101.0 | 100.2 | 108.5 | 113.8 | 115.3 | 113.8 |
| 47.5°  | 562.3 | 489.2 | 306.8 | 172.6 | 115.3 | 97.2  | 98.0  | 107.8 | 113.1 | 111.5 | 110.8 |
| 50°    | 627.8 | 535.1 | 310.5 | 162.0 | 110.8 | 94.2  | 98.0  | 108.5 | 112.3 | 109.3 | 107.8 |
| 52.5°  | 676.1 | 562.3 | 303.7 | 152.3 | 107.8 | 93.5  | 99.5  | 110.0 | 112.3 | 107.8 | 107.8 |
| 55°    | 746.9 | 600.0 | 289.4 | 139.4 | 104.8 | 94.2  | 101.0 | 111.5 | 112.3 | 108.5 | 107.8 |
| 57.5°  | 809.5 | 633.9 | 281.1 | 128.1 | 101.8 | 95.7  | 103.3 | 113.8 | 115.3 | 113.1 | 112.3 |
| 60°    | 838.1 | 642.2 | 259.3 | 120.6 | 99.5  | 97.2  | 106.3 | 117.6 | 122.9 | 121.3 | 122.1 |
| 62.5°  | 872.8 | 643.7 | 238.2 | 113.8 | 98.7  | 98.7  | 110.0 | 125.1 | 131.9 | 131.9 | 132.7 |
| 65°    | 870.5 | 624.1 | 213.3 | 107.8 | 98.0  | 100.2 | 114.6 | 131.9 | 140.2 | 142.5 | 143.2 |
| 67.5°  | 840.4 | 585.6 | 186.2 | 101.8 | 96.5  | 101.0 | 118.3 | 138.7 | 148.5 | 152.3 | 153.0 |
| 70°    | 746.9 | 514.0 | 159.0 | 96.5  | 93.5  | 99.5  | 119.1 | 142.5 | 152.3 | 156.0 | 156.8 |
| 72.5°  | 612.8 | 407.8 | 129.6 | 88.9  | 88.2  | 95.0  | 116.1 | 140.2 | 147.7 | 149.2 | 150.7 |
| 75°    | 489.2 | 323.3 | 107.8 | 80.6  | 80.6  | 87.4  | 107.8 | 128.9 | 134.2 | 135.7 | 133.4 |
| 77.5°  | 366.3 | 245.0 | 89.7  | 73.1  | 73.1  | 79.9  | 97.2  | 113.8 | 118.3 | 117.6 | 118.3 |
| 80°    | 277.4 | 185.4 | 76.1  | 65.6  | 65.6  | 70.8  | 86.7  | 101.0 | 104.8 | 103.3 | 102.5 |
| 82.5°  | 208.0 | 138.7 | 66.3  | 58.8  | 58.8  | 63.3  | 75.4  | 87.4  | 90.4  | 90.4  | 88.2  |
| 85°    | 142.5 | 99.5  | 58.0  | 52.0  | 52.0  | 55.8  | 64.8  | 73.9  | 78.4  | 77.6  | 76.1  |
| 87.5°  | 99.5  | 75.4  | 51.3  | 46.7  | 46.0  | 49.0  | 55.8  | 64.1  | 69.3  | 70.1  | 68.6  |
| 90°    | 68.6  | 56.5  | 44.5  | 39.9  | 39.9  | 42.2  | 48.2  | 55.0  | 60.3  | 61.1  | 59.5  |
| 92.5°  | 48.2  | 43.0  | 36.9  | 33.9  | 33.2  | 36.2  | 39.9  | 44.5  | 47.5  | 47.5  | 48.2  |
| 95°    | 35.4  | 33.2  | 29.4  | 26.4  | 26.4  | 29.4  | 31.7  | 32.4  | 34.7  | 34.7  | 33.9  |
| 97.5°  | 27.1  | 26.4  | 24.1  | 21.1  | 20.4  | 23.4  | 24.1  | 24.9  | 26.4  | 25.6  | 24.9  |
| 100°   | 22.6  | 21.9  | 19.6  | 17.3  | 16.6  | 18.8  | 19.6  | 20.4  | 21.9  | 20.4  | 20.4  |
| 102.5° | 18.1  | 18.1  | 16.6  | 14.3  | 14.3  | 15.8  | 16.6  | 17.3  | 18.1  | 17.3  | 16.6  |
| 105°   | 15.1  | 15.1  | 14.3  | 12.8  | 12.1  | 13.6  | 14.3  | 14.3  | 15.1  | 14.3  | 14.3  |
| 107.5° | 12.1  | 12.8  | 12.1  | 10.6  | 10.6  | 11.3  | 12.1  | 12.1  | 12.1  | 12.1  | 12.1  |
| 110°   | 10.6  | 10.6  | 10.6  | 9.0   | 9.8   | 10.6  | 10.6  | 10.6  | 10.6  | 10.6  | 10.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 9.0 | 9.0 | 9.0  | 8.3  | 8.3  | 9.0  | 9.0  | 9.0  | 9.0  | 9.0  | 9.0  |
| 115°   | 8.3 | 8.3 | 8.3  | 7.5  | 7.5  | 8.3  | 7.5  | 7.5  | 7.5  | 8.3  | 8.3  |
| 117.5° | 7.5 | 7.5 | 7.5  | 6.8  | 6.8  | 6.8  | 6.8  | 6.8  | 6.8  | 7.5  | 7.5  |
| 120°   | 6.8 | 6.8 | 6.8  | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  | 6.8  | 6.8  |
| 122.5° | 6.0 | 6.0 | 6.0  | 6.0  | 5.3  | 6.0  | 5.3  | 5.3  | 5.3  | 6.0  | 6.0  |
| 125°   | 5.3 | 6.0 | 5.3  | 5.3  | 5.3  | 5.3  | 5.3  | 5.3  | 5.3  | 5.3  | 6.0  |
| 127.5° | 5.3 | 5.3 | 5.3  | 5.3  | 4.5  | 4.5  | 4.5  | 4.5  | 4.5  | 5.3  | 5.3  |
| 130°   | 5.3 | 5.3 | 5.3  | 4.5  | 4.5  | 4.5  | 3.8  | 3.8  | 4.5  | 4.5  | 5.3  |
| 132.5° | 5.3 | 5.3 | 4.5  | 4.5  | 3.8  | 3.8  | 3.8  | 3.8  | 4.5  | 4.5  | 4.5  |
| 135°   | 4.5 | 4.5 | 4.5  | 3.8  | 3.8  | 3.8  | 3.0  | 3.8  | 3.8  | 4.5  | 4.5  |
| 137.5° | 3.8 | 3.8 | 3.8  | 3.8  | 3.0  | 3.0  | 3.0  | 3.0  | 3.8  | 3.8  | 3.8  |
| 140°   | 3.8 | 3.8 | 3.0  | 3.0  | 3.0  | 2.3  | 2.3  | 3.0  | 3.0  | 3.8  | 3.8  |
| 142.5° | 3.0 | 3.0 | 3.0  | 2.3  | 2.3  | 2.3  | 2.3  | 2.3  | 3.0  | 3.0  | 3.0  |
| 145°   | 2.3 | 2.3 | 2.3  | 2.3  | 1.5  | 1.5  | 2.3  | 2.3  | 2.3  | 3.0  | 3.0  |
| 147.5° | 2.3 | 2.3 | 2.3  | 1.5  | 1.5  | 1.5  | 1.5  | 2.3  | 2.3  | 2.3  | 2.3  |
| 150°   | 1.5 | 1.5 | 1.5  | 1.5  | 0.8  | 0.8  | 1.5  | 1.5  | 2.3  | 2.3  | 2.3  |
| 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  |

(END OF REPORT)