

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: P193014

Luminaire Tested: **GAN-AF-06-LED-U-SLL-7030-600-ADJ**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P193014  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24296)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAN-AF-06-LED-U-SLL-7030-600-ADJ  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 19936.5 lumens  
Efficiency: N/A  
Efficacy: 103.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G4

Input Watts (W): 193  
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: 28.75 FT

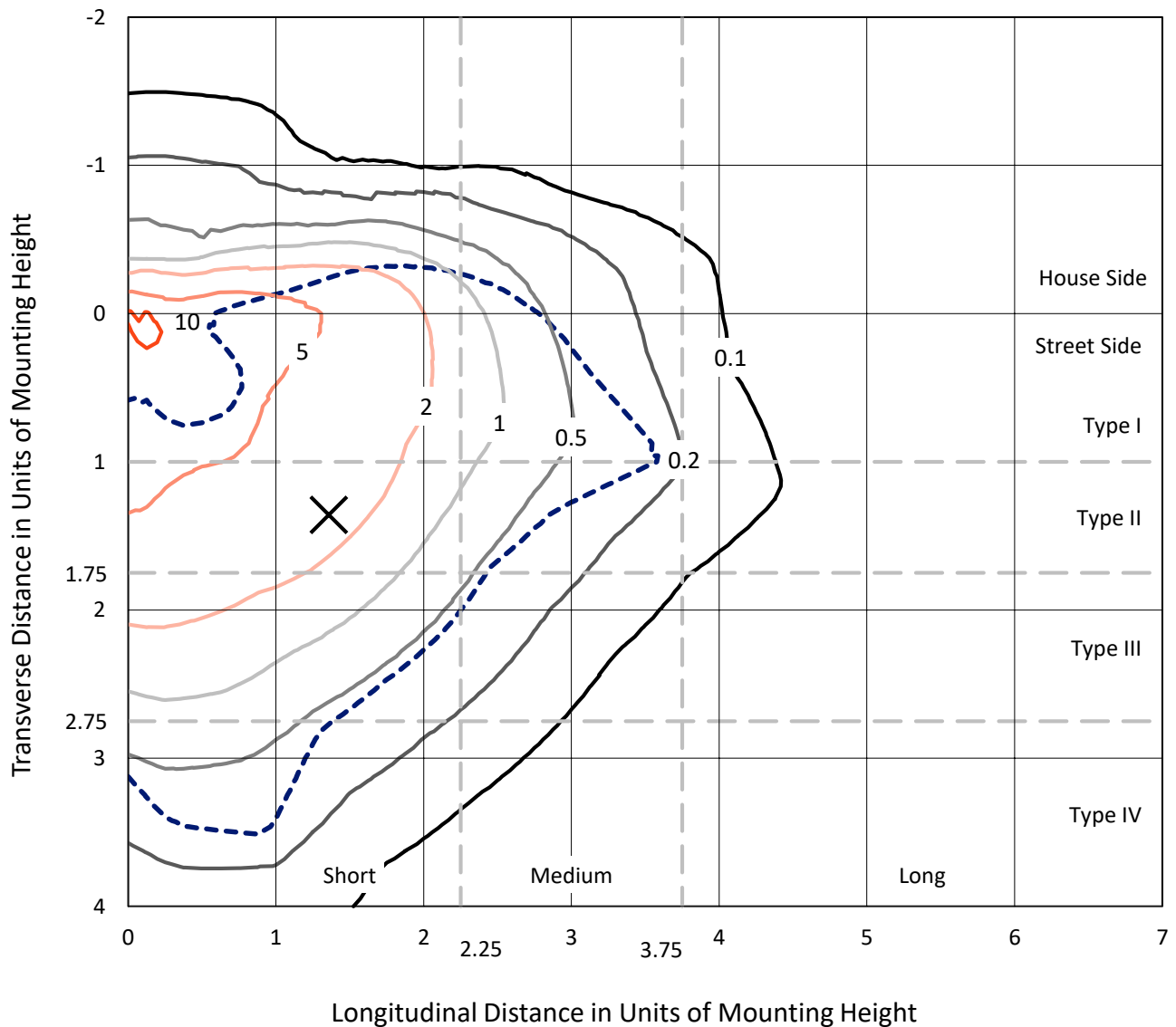


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### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

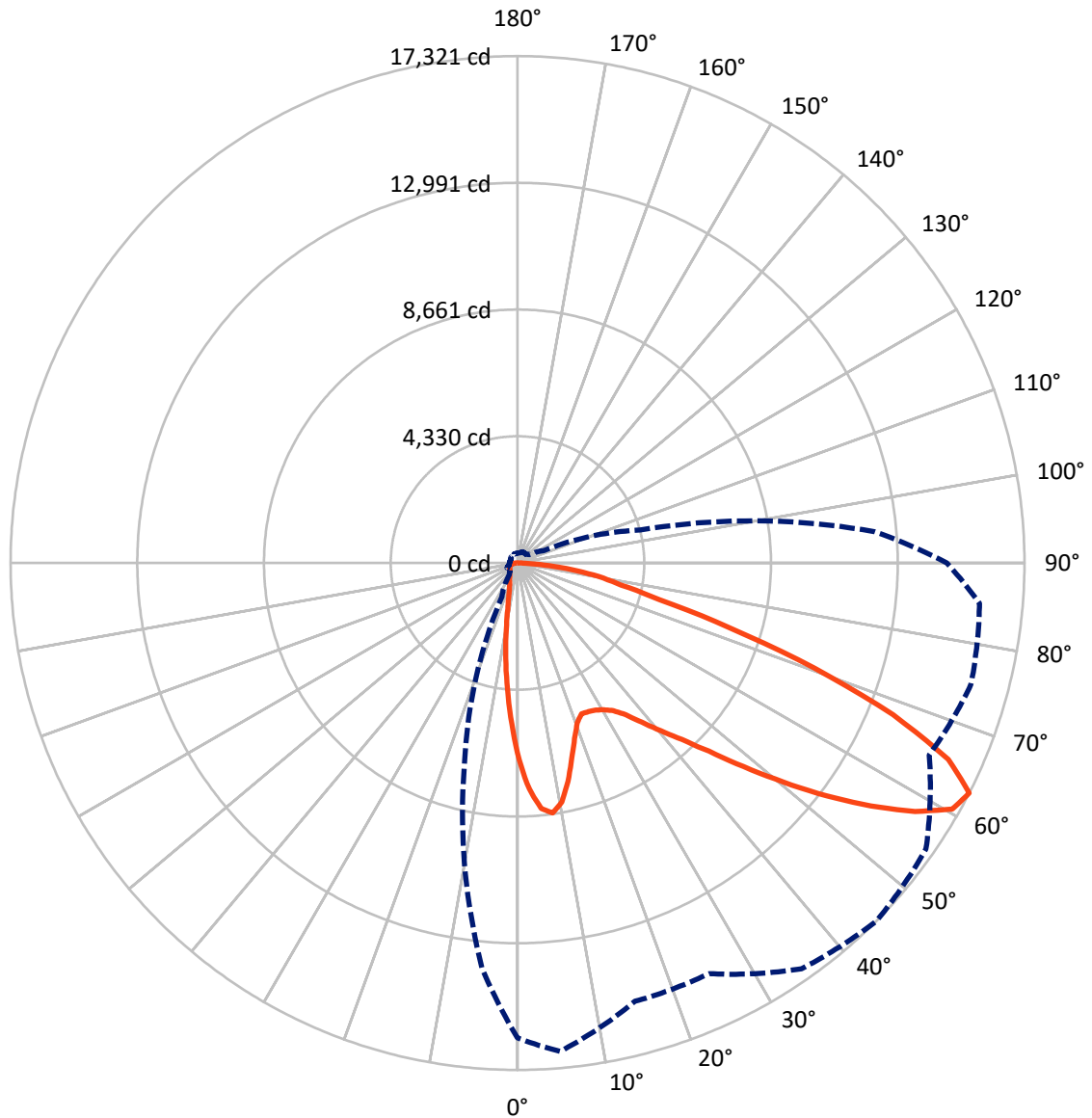


Based on 25 foot mounting height. Maximum calculated value = 12.7 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 62.5-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3299.2   | 0.0    | 3299.2  |
|                    | % Fixture | 16.5     | 0.0    | 16.5    |
| <b>Street Side</b> | Lumens    | 16637.3  | 0.0    | 16637.3 |
|                    | % Fixture | 83.5     | 0.0    | 83.5    |
| <b>Total</b>       | Lumens    | 19936.5  | 0.0    | 19936.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 490.3   | 2.5       |
| 10°-20°   | 899.1   | 4.5       |
| 20°-30°   | 1310.9  | 6.6       |
| 30°-40°   | 2019.0  | 10.1      |
| 40°-50°   | 2971.4  | 14.9      |
| 50°-60°   | 4358.5  | 21.9      |
| 60°-70°   | 4872.1  | 24.4      |
| 70°-80°   | 2385.3  | 12.0      |
| 80°-90°   | 629.8   | 3.2       |
| 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°    | 19936.5 | 100.0     |
| 0°-180°   | 19936.5 | 100.0     |

**Coefficient of Utilization**



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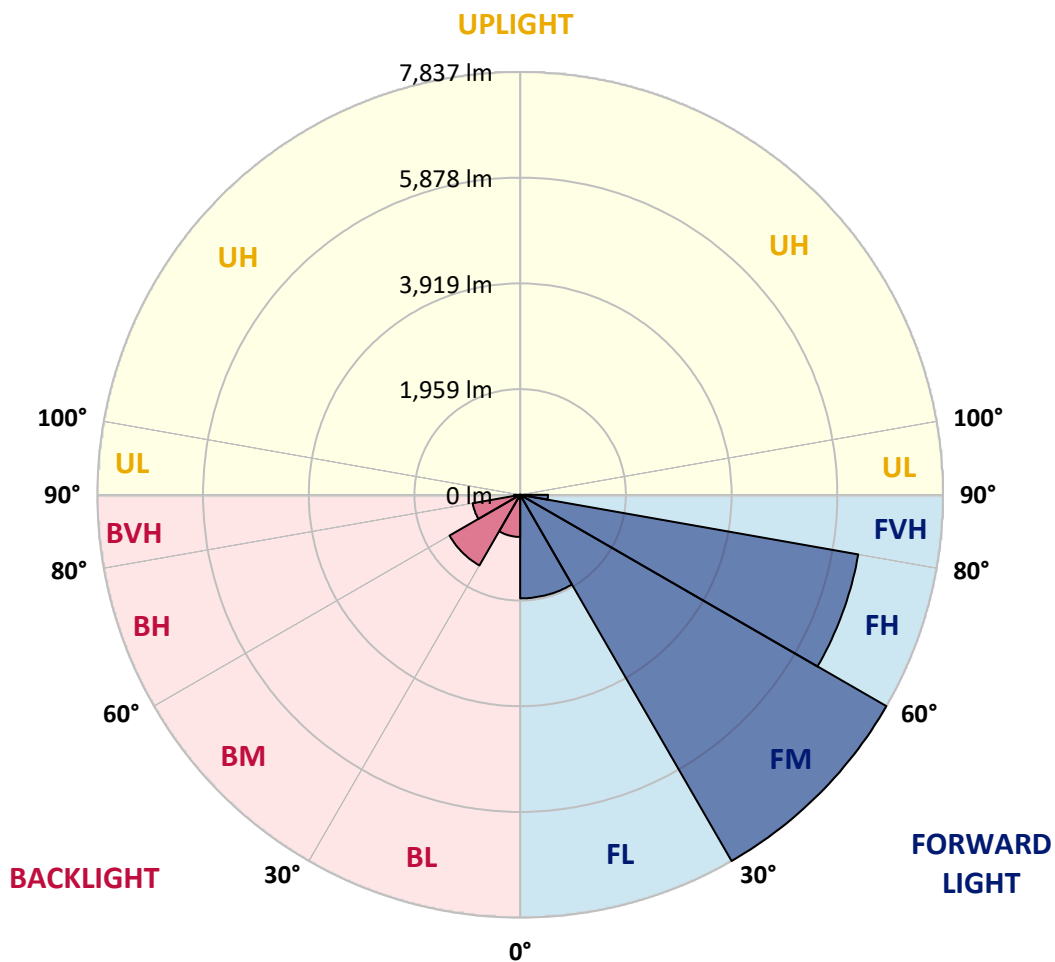
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1919.8 | 9.6       |                         |      |         |
| FM   | (30°-60°)   | 7837.2 | 39.3      |                         |      |         |
| FH   | (60°-80°)   | 6363.1 | 31.9      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 517.2  | 2.6       |                         |      | G4/750  |
| BL   | (0°-30°)    | 780.5  | 3.9       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1511.7 | 7.6       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 894.4  | 4.5       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 112.6  | 0.6       |                         |      | G2/225  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 6735.7  | 6735.7  | 6735.7  | 6735.7  | 6735.7  | 6735.7  | 6735.7  | 6735.7  | 6735.7  | 6735.7  | 6735.7  |
| 2.5°  | 6998.7  | 7110.5  | 7328.6  | 7491.8  | 7690.2  | 7736.2  | 7799.8  | 7737.3  | 7626.7  | 7479.8  | 7431.6  |
| 5°    | 6581.1  | 6820.1  | 7349.4  | 7815.1  | 8229.4  | 8422.2  | 8476.0  | 8317.1  | 7995.9  | 7574.1  | 7316.4  |
| 7.5°  | 5911.5  | 6251.3  | 6968.0  | 7654.0  | 8264.5  | 8625.0  | 8616.3  | 8246.9  | 7656.3  | 6969.1  | 6555.9  |
| 10°   | 5333.9  | 5721.9  | 6543.9  | 7311.0  | 7958.7  | 8308.3  | 8173.4  | 7701.1  | 6996.4  | 6205.2  | 5757.0  |
| 12.5° | 5010.6  | 5391.0  | 6224.9  | 6995.4  | 7536.8  | 7657.3  | 7554.3  | 7091.8  | 6427.7  | 5627.6  | 5235.2  |
| 15°   | 4954.7  | 5372.3  | 6097.8  | 6724.7  | 7028.2  | 6923.0  | 6800.3  | 6593.1  | 6124.1  | 5441.3  | 5032.6  |
| 17.5° | 5196.9  | 5657.2  | 6243.5  | 6536.2  | 6484.6  | 6301.6  | 6266.6  | 6289.6  | 6176.8  | 5648.4  | 5177.2  |
| 20°   | 5661.6  | 6214.0  | 6590.9  | 6447.4  | 6071.5  | 5819.4  | 5828.2  | 6180.0  | 6514.2  | 6173.3  | 5635.3  |
| 22.5° | 6313.6  | 6943.9  | 7091.8  | 6494.5  | 5897.3  | 5598.0  | 5670.3  | 6240.3  | 7052.3  | 6940.5  | 6253.5  |
| 25°   | 7157.6  | 7731.8  | 7625.5  | 6665.5  | 5914.8  | 5625.4  | 5683.5  | 6448.5  | 7688.0  | 7707.7  | 7018.4  |
| 27.5° | 7975.2  | 8507.8  | 8073.8  | 6892.4  | 5987.1  | 5690.1  | 5766.8  | 6776.2  | 8295.2  | 8540.7  | 7893.0  |
| 30°   | 8613.0  | 8983.4  | 8251.4  | 7099.4  | 6129.6  | 5816.2  | 5911.5  | 7087.4  | 8571.3  | 9102.8  | 8565.8  |
| 32.5° | 9141.1  | 9407.6  | 8534.0  | 7356.0  | 6391.5  | 6014.5  | 6182.2  | 7465.5  | 8969.2  | 9637.6  | 9224.5  |
| 35°   | 9816.3  | 9891.9  | 8885.8  | 7642.0  | 6795.9  | 6359.8  | 6568.0  | 7836.0  | 9348.3  | 10177.9 | 9873.3  |
| 37.5° | 10607.6 | 10510.0 | 9217.9  | 8033.2  | 7318.6  | 6900.0  | 7072.2  | 8242.5  | 9660.7  | 10790.6 | 10536.3 |
| 40°   | 11390.1 | 11155.6 | 9634.4  | 8640.3  | 8081.5  | 7536.8  | 7740.6  | 8676.5  | 9952.2  | 11404.4 | 11184.0 |
| 42.5° | 12055.3 | 11707.9 | 10045.4 | 9307.8  | 8791.6  | 8239.2  | 8482.6  | 9113.9  | 10230.6 | 11928.2 | 11746.3 |
| 45°   | 12547.5 | 12115.6 | 10436.7 | 9948.9  | 9770.3  | 9173.0  | 9288.1  | 9614.7  | 10531.9 | 12365.4 | 12208.7 |
| 47.5° | 12986.9 | 12525.5 | 10879.4 | 10595.5 | 10626.2 | 10387.3 | 10202.1 | 10197.7 | 10887.0 | 12722.7 | 12646.0 |
| 50°   | 13575.4 | 13094.2 | 11355.0 | 11261.9 | 11910.7 | 11751.7 | 11343.0 | 10878.3 | 11336.4 | 13128.3 | 13119.6 |
| 52.5° | 14386.3 | 13995.1 | 11935.8 | 11979.7 | 13109.6 | 13213.7 | 12707.4 | 11695.8 | 12040.0 | 13872.4 | 13819.7 |
| 55°   | 15345.4 | 15117.3 | 12727.2 | 12804.9 | 14580.3 | 14654.8 | 14151.8 | 12718.4 | 13074.5 | 14949.7 | 14804.0 |
| 57.5° | 16093.9 | 16045.6 | 13595.1 | 13795.6 | 15678.4 | 16013.8 | 15551.4 | 13901.9 | 14240.7 | 15857.2 | 15491.1 |
| 60°   | 16391.9 | 16625.4 | 14519.0 | 14795.2 | 16694.4 | 17066.0 | 16660.4 | 14942.0 | 15274.1 | 16233.0 | 15444.1 |
| 62.5° | 16230.8 | 16752.5 | 15503.2 | 15480.2 | 16921.3 | 17321.3 | 17036.4 | 15520.8 | 16040.2 | 15845.1 | 14662.6 |
| 65°   | 15486.7 | 16295.5 | 16074.1 | 15303.7 | 16145.4 | 16178.2 | 16086.1 | 15262.0 | 16220.9 | 14618.7 | 13152.3 |
| 67.5° | 13865.8 | 15029.7 | 15322.3 | 13791.2 | 14052.2 | 13838.4 | 13683.8 | 13846.1 | 15278.5 | 12780.8 | 11053.6 |
| 70°   | 11293.7 | 13044.9 | 13185.2 | 11030.6 | 10912.3 | 10768.7 | 10460.7 | 11351.7 | 13418.6 | 10475.0 | 8770.8  |
| 72.5° | 8303.9  | 10145.0 | 10575.8 | 8090.2  | 7542.2  | 7571.8  | 7328.6  | 8554.9  | 10910.1 | 7781.1  | 6548.2  |
| 75°   | 5681.4  | 7346.0  | 8274.3  | 5645.2  | 4987.5  | 4999.7  | 4969.0  | 6061.6  | 8689.7  | 5412.8  | 4899.9  |
| 77.5° | 4150.3  | 5248.5  | 6240.3  | 3795.2  | 3684.6  | 3616.6  | 3600.2  | 4241.3  | 6662.2  | 3930.0  | 3805.1  |
| 80°   | 3330.6  | 3877.4  | 4191.9  | 2630.2  | 2828.6  | 2823.2  | 2732.1  | 2916.2  | 4350.9  | 2874.6  | 2846.2  |
| 82.5° | 2310.3  | 2979.8  | 3396.4  | 2061.5  | 1909.1  | 1877.3  | 1899.3  | 2172.2  | 3075.2  | 1965.0  | 1868.6  |
| 85°   | 1218.7  | 1979.2  | 3363.4  | 1827.0  | 1133.2  | 904.1   | 1124.4  | 1778.7  | 2664.2  | 1041.1  | 911.8   |
| 87.5° | 155.5   | 572.1   | 2226.9  | 728.8   | 447.1   | 241.1   | 533.7   | 1001.7  | 1710.8  | 212.6   | 185.2   |
| 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):**

|       | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6735.7  | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 |
| 2.5°  | 7307.7  | 7162.0 | 6971.3 | 6794.9 | 6611.9 | 6429.9 | 6192.0 | 6043.0 | 5940.0 | 5920.2 | 5876.4 |
| 5°    | 7130.2  | 6645.8 | 6279.6 | 5963.1 | 5675.9 | 5270.3 | 5045.7 | 4859.5 | 4759.7 | 4749.8 | 4725.7 |
| 7.5°  | 6311.5  | 5643.0 | 5148.8 | 4700.5 | 4293.9 | 3966.2 | 3604.6 | 3435.7 | 3366.8 | 3383.2 | 3399.6 |
| 10°   | 5460.0  | 4712.6 | 4144.9 | 3686.7 | 3328.4 | 3052.1 | 2761.7 | 2565.6 | 2429.7 | 2402.3 | 2396.8 |
| 12.5° | 4837.5  | 4017.7 | 3466.5 | 3143.2 | 2865.9 | 2606.2 | 2298.2 | 2066.9 | 1890.5 | 1830.2 | 1789.6 |
| 15°   | 4574.4  | 3678.0 | 3100.4 | 2751.9 | 2446.1 | 2116.3 | 1830.2 | 1588.0 | 1425.9 | 1373.2 | 1343.7 |
| 17.5° | 4630.3  | 3583.7 | 2848.4 | 2402.3 | 2011.0 | 1667.0 | 1306.3 | 1099.2 | 1001.7 | 976.4  | 976.4  |
| 20°   | 4924.1  | 3566.2 | 2640.1 | 2080.1 | 1592.4 | 1193.4 | 897.6  | 779.2  | 747.5  | 744.2  | 752.9  |
| 22.5° | 5336.1  | 3627.5 | 2484.4 | 1800.6 | 1237.4 | 871.3  | 699.3  | 655.3  | 641.2  | 644.4  | 654.3  |
| 25°   | 5949.8  | 3834.7 | 2371.6 | 1551.8 | 971.0  | 713.5  | 623.6  | 597.3  | 590.8  | 599.5  | 611.6  |
| 27.5° | 6677.6  | 4041.8 | 2301.4 | 1364.4 | 819.8  | 652.1  | 592.9  | 565.5  | 569.9  | 580.8  | 591.8  |
| 30°   | 7316.4  | 4211.7 | 2190.7 | 1230.7 | 772.7  | 655.3  | 592.9  | 555.7  | 551.2  | 553.4  | 556.7  |
| 32.5° | 7889.6  | 4326.7 | 2061.5 | 1103.6 | 666.4  | 582.0  | 553.4  | 547.9  | 523.9  | 515.0  | 516.1  |
| 35°   | 8383.9  | 4326.7 | 1983.6 | 1029.1 | 597.3  | 516.1  | 470.2  | 442.7  | 430.7  | 431.8  | 443.8  |
| 37.5° | 8860.7  | 4240.2 | 1945.3 | 987.4  | 560.1  | 491.0  | 450.4  | 426.3  | 409.8  | 406.6  | 408.7  |
| 40°   | 9281.5  | 4114.1 | 1901.4 | 969.9  | 531.5  | 475.6  | 437.2  | 417.6  | 400.0  | 394.5  | 395.6  |
| 42.5° | 9619.0  | 4012.2 | 1853.2 | 946.8  | 513.9  | 464.7  | 428.6  | 411.0  | 391.2  | 385.8  | 384.7  |
| 45°   | 9984.0  | 3978.2 | 1789.6 | 900.9  | 522.8  | 465.8  | 426.3  | 407.6  | 388.0  | 381.5  | 379.2  |
| 47.5° | 10465.1 | 4084.5 | 1723.9 | 846.1  | 541.4  | 471.2  | 429.6  | 407.6  | 386.9  | 381.5  | 379.2  |
| 50°   | 11071.1 | 4334.5 | 1640.6 | 766.0  | 522.8  | 486.6  | 428.6  | 404.4  | 386.9  | 381.5  | 377.1  |
| 52.5° | 11849.2 | 4672.0 | 1531.0 | 674.0  | 511.8  | 523.9  | 426.3  | 397.8  | 381.5  | 373.6  | 366.0  |
| 55°   | 12795.1 | 4948.2 | 1400.6 | 598.4  | 486.6  | 513.9  | 423.1  | 390.2  | 372.6  | 361.6  | 355.1  |
| 57.5° | 13487.7 | 5047.9 | 1232.9 | 549.0  | 451.6  | 497.5  | 418.7  | 380.3  | 361.6  | 352.9  | 344.1  |
| 60°   | 13350.7 | 4855.1 | 1091.5 | 518.3  | 430.7  | 449.4  | 415.4  | 371.5  | 351.9  | 345.3  | 337.5  |
| 62.5° | 12253.7 | 4350.9 | 1000.6 | 504.1  | 417.6  | 409.8  | 418.7  | 362.7  | 343.1  | 336.4  | 334.3  |
| 65°   | 10608.6 | 3606.7 | 964.4  | 500.9  | 406.6  | 386.9  | 389.1  | 352.9  | 333.1  | 327.7  | 325.5  |
| 67.5° | 8751.1  | 2910.7 | 932.6  | 511.8  | 392.3  | 370.4  | 359.5  | 339.7  | 323.3  | 317.8  | 313.5  |
| 70°   | 6901.2  | 2420.9 | 918.5  | 505.3  | 374.8  | 354.0  | 342.0  | 325.5  | 311.3  | 305.8  | 302.4  |
| 72.5° | 5557.5  | 2045.0 | 910.6  | 498.7  | 351.9  | 332.0  | 321.1  | 306.9  | 291.5  | 289.3  | 286.0  |
| 75°   | 4702.6  | 1607.7 | 833.9  | 477.8  | 325.5  | 305.8  | 298.1  | 284.9  | 269.7  | 269.7  | 267.3  |
| 77.5° | 3627.5  | 1162.7 | 693.7  | 423.1  | 298.1  | 276.2  | 269.7  | 259.7  | 242.2  | 245.5  | 244.4  |
| 80°   | 2679.6  | 758.4  | 542.5  | 350.7  | 264.1  | 243.3  | 240.1  | 230.1  | 211.5  | 215.9  | 215.9  |
| 82.5° | 1835.7  | 497.5  | 390.2  | 287.2  | 225.7  | 206.1  | 206.1  | 196.1  | 175.4  | 177.5  | 184.1  |
| 85°   | 921.7   | 342.0  | 291.5  | 222.5  | 175.4  | 165.5  | 165.5  | 157.8  | 137.0  | 138.1  | 146.9  |
| 87.5° | 280.6   | 206.1  | 192.9  | 158.9  | 126.0  | 123.8  | 118.3  | 112.9  | 99.8   | 98.7   | 104.2  |
| 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):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 |
| 2.5°  | 5809.6 | 5747.1 | 5671.4 | 5504.9 | 5449.0 | 5445.7 | 5496.2 | 5443.6 | 5544.4 | 5501.6 | 5548.7 |
| 5°    | 4685.1 | 4623.8 | 4539.4 | 4326.7 | 4197.4 | 4109.8 | 4068.2 | 3945.4 | 4034.2 | 3969.5 | 4023.2 |
| 7.5°  | 3445.6 | 3459.9 | 3404.0 | 3279.1 | 2997.4 | 2856.0 | 2772.7 | 2698.1 | 2762.8 | 2756.3 | 2859.4 |
| 10°   | 2422.1 | 2460.4 | 2420.9 | 2294.9 | 2066.9 | 1989.2 | 2004.5 | 2034.1 | 2118.4 | 2162.2 | 2321.2 |
| 12.5° | 1743.7 | 1741.5 | 1716.3 | 1603.4 | 1453.2 | 1462.0 | 1524.5 | 1575.9 | 1653.7 | 1699.7 | 1862.0 |
| 15°   | 1302.0 | 1282.2 | 1271.3 | 1179.2 | 1093.8 | 1112.4 | 1143.1 | 1148.6 | 1197.8 | 1225.3 | 1356.8 |
| 17.5° | 984.1  | 994.0  | 1006.1 | 940.2  | 875.6  | 863.5  | 839.4  | 809.9  | 824.2  | 829.6  | 895.4  |
| 20°   | 781.4  | 820.9  | 850.5  | 804.3  | 738.7  | 703.6  | 672.9  | 653.2  | 653.2  | 652.1  | 670.8  |
| 22.5° | 682.8  | 711.3  | 743.1  | 711.3  | 652.1  | 621.3  | 603.8  | 588.5  | 586.2  | 586.2  | 603.8  |
| 25°   | 629.2  | 649.9  | 680.5  | 658.7  | 614.8  | 591.8  | 575.4  | 555.7  | 547.9  | 545.8  | 557.9  |
| 27.5° | 602.8  | 611.6  | 626.9  | 607.2  | 569.9  | 559.0  | 554.5  | 537.0  | 527.1  | 521.7  | 533.7  |
| 30°   | 557.9  | 555.7  | 556.7  | 537.0  | 507.4  | 506.3  | 513.9  | 517.3  | 513.9  | 512.9  | 531.5  |
| 32.5° | 516.1  | 511.8  | 510.7  | 493.2  | 465.8  | 459.2  | 465.8  | 472.3  | 479.9  | 491.0  | 512.9  |
| 35°   | 463.6  | 474.5  | 481.1  | 465.8  | 432.8  | 413.2  | 405.5  | 393.5  | 386.9  | 386.9  | 412.1  |
| 37.5° | 422.0  | 447.1  | 457.0  | 442.7  | 406.6  | 379.2  | 366.0  | 363.9  | 364.9  | 369.3  | 393.5  |
| 40°   | 407.6  | 426.3  | 435.1  | 420.8  | 384.7  | 359.5  | 351.9  | 349.6  | 351.9  | 358.4  | 382.5  |
| 42.5° | 398.9  | 412.1  | 411.0  | 393.5  | 363.9  | 346.4  | 342.0  | 339.7  | 342.0  | 348.5  | 374.8  |
| 45°   | 391.2  | 400.0  | 391.2  | 370.4  | 343.1  | 334.3  | 335.3  | 334.3  | 336.4  | 343.1  | 368.2  |
| 47.5° | 384.7  | 388.0  | 377.1  | 356.1  | 327.7  | 325.5  | 329.9  | 333.1  | 335.3  | 340.9  | 367.1  |
| 50°   | 374.8  | 374.8  | 364.9  | 343.1  | 314.5  | 315.6  | 321.1  | 328.8  | 329.9  | 336.4  | 357.3  |
| 52.5° | 362.7  | 361.6  | 355.1  | 334.3  | 303.5  | 306.9  | 306.9  | 315.6  | 317.8  | 325.5  | 347.5  |
| 55°   | 352.9  | 350.7  | 347.5  | 327.7  | 293.7  | 299.2  | 295.9  | 299.2  | 304.8  | 312.4  | 336.4  |
| 57.5° | 344.1  | 339.7  | 339.7  | 322.2  | 286.0  | 288.2  | 280.6  | 284.9  | 291.5  | 298.1  | 323.3  |
| 60°   | 335.3  | 330.9  | 333.1  | 314.5  | 274.0  | 271.8  | 268.6  | 277.3  | 279.4  | 287.2  | 312.4  |
| 62.5° | 325.5  | 322.2  | 323.3  | 305.8  | 265.2  | 259.7  | 259.7  | 267.3  | 268.6  | 279.4  | 303.5  |
| 65°   | 317.8  | 313.5  | 312.4  | 296.9  | 255.3  | 248.8  | 252.1  | 255.3  | 257.6  | 268.6  | 291.5  |
| 67.5° | 310.2  | 301.3  | 301.3  | 289.3  | 244.4  | 237.8  | 244.4  | 243.3  | 246.6  | 256.4  | 275.2  |
| 70°   | 300.3  | 288.2  | 289.3  | 283.8  | 233.5  | 225.7  | 231.2  | 230.1  | 232.2  | 239.0  | 257.6  |
| 72.5° | 284.9  | 275.2  | 277.3  | 275.2  | 222.5  | 211.5  | 213.7  | 213.7  | 213.7  | 219.2  | 239.0  |
| 75°   | 265.2  | 257.6  | 264.1  | 269.7  | 209.3  | 193.9  | 196.1  | 196.1  | 192.9  | 196.1  | 220.2  |
| 77.5° | 241.1  | 236.8  | 258.6  | 251.0  | 193.9  | 175.4  | 175.4  | 173.1  | 166.6  | 171.0  | 197.3  |
| 80°   | 214.8  | 211.5  | 239.0  | 210.5  | 176.5  | 152.3  | 150.1  | 144.7  | 138.1  | 141.4  | 167.7  |
| 82.5° | 187.4  | 184.1  | 200.6  | 161.1  | 152.3  | 126.0  | 120.5  | 110.7  | 104.2  | 107.4  | 131.5  |
| 85°   | 153.4  | 153.4  | 154.5  | 121.6  | 116.2  | 96.4   | 89.9   | 76.7   | 69.1   | 71.2   | 94.3   |
| 87.5° | 109.6  | 112.9  | 104.2  | 83.2   | 69.1   | 53.7   | 49.2   | 41.6   | 35.1   | 40.5   | 49.2   |
| 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):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7 | 6735.7  | 6735.7  |
| 2.5°  | 5789.8 | 5910.4 | 6047.4 | 6222.8 | 6372.9 | 6619.5 | 6856.2  | 6998.7  |
| 5°    | 4329.0 | 4529.6 | 4779.4 | 5100.6 | 5399.7 | 5848.9 | 6295.1  | 6581.1  |
| 7.5°  | 3098.3 | 3313.1 | 3582.6 | 3983.7 | 4406.8 | 4979.9 | 5569.6  | 5911.5  |
| 10°   | 2563.4 | 2783.7 | 3010.5 | 3281.3 | 3627.5 | 4251.2 | 4948.2  | 5333.9  |
| 12.5° | 2120.6 | 2356.2 | 2600.7 | 2885.6 | 3206.8 | 3763.4 | 4566.8  | 5010.6  |
| 15°   | 1623.0 | 1886.2 | 2174.4 | 2535.0 | 2937.1 | 3580.4 | 4472.5  | 4954.7  |
| 17.5° | 1112.4 | 1406.0 | 1760.0 | 2205.1 | 2697.1 | 3521.2 | 4641.4  | 5196.9  |
| 20°   | 766.0  | 979.7  | 1357.9 | 1879.6 | 2471.3 | 3513.6 | 4965.8  | 5661.6  |
| 22.5° | 641.2  | 736.5  | 1012.7 | 1580.3 | 2301.4 | 3607.8 | 5468.8  | 6313.6  |
| 25°   | 592.9  | 649.9  | 808.8  | 1320.6 | 2177.6 | 3824.8 | 6161.3  | 7157.6  |
| 27.5° | 564.5  | 615.9  | 734.3  | 1150.7 | 2080.1 | 4076.9 | 6835.4  | 7975.2  |
| 30°   | 575.4  | 628.0  | 713.5  | 1064.1 | 1947.4 | 4287.4 | 7433.8  | 8613.0  |
| 32.5° | 518.3  | 541.4  | 611.6  | 987.4  | 1852.2 | 4463.8 | 7957.6  | 9141.1  |
| 35°   | 441.6  | 482.2  | 545.8  | 951.3  | 1854.3 | 4582.2 | 8528.6  | 9816.3  |
| 37.5° | 420.8  | 461.4  | 507.4  | 938.1  | 1879.6 | 4708.2 | 9184.0  | 10607.6 |
| 40°   | 407.6  | 444.9  | 484.4  | 930.5  | 1903.7 | 4823.2 | 9826.2  | 11390.1 |
| 42.5° | 398.9  | 432.8  | 482.2  | 904.1  | 1915.8 | 4926.3 | 10354.4 | 12055.3 |
| 45°   | 397.8  | 432.8  | 491.0  | 877.9  | 1934.3 | 5037.0 | 10797.2 | 12547.5 |
| 47.5° | 398.9  | 447.1  | 474.5  | 846.1  | 1934.3 | 5222.1 | 11316.6 | 12986.9 |
| 50°   | 394.5  | 471.2  | 457.0  | 801.1  | 1889.4 | 5572.9 | 12029.0 | 13575.4 |
| 52.5° | 392.3  | 467.9  | 423.1  | 732.0  | 1811.6 | 6129.6 | 12942.0 | 14386.3 |
| 55°   | 386.9  | 451.6  | 398.9  | 629.2  | 1720.7 | 6736.7 | 13919.5 | 15345.4 |
| 57.5° | 381.5  | 400.0  | 385.8  | 539.2  | 1580.3 | 7164.1 | 14592.4 | 16093.9 |
| 60°   | 427.4  | 349.6  | 374.8  | 495.4  | 1392.9 | 7281.4 | 14566.1 | 16391.9 |
| 62.5° | 395.6  | 327.7  | 360.5  | 485.5  | 1261.4 | 6952.6 | 13893.2 | 16230.8 |
| 65°   | 310.2  | 313.5  | 346.4  | 513.9  | 1226.3 | 6081.4 | 12700.9 | 15486.7 |
| 67.5° | 283.8  | 299.2  | 332.0  | 550.1  | 1229.6 | 4869.2 | 10918.9 | 13865.8 |
| 70°   | 267.3  | 283.8  | 315.6  | 568.8  | 1238.5 | 3629.7 | 8632.7  | 11293.7 |
| 72.5° | 248.8  | 263.0  | 296.9  | 572.1  | 1181.4 | 2636.9 | 6653.5  | 8303.9  |
| 75°   | 226.8  | 240.1  | 270.8  | 498.7  | 978.6  | 1829.1 | 5089.6  | 5681.4  |
| 77.5° | 201.7  | 211.5  | 237.8  | 384.7  | 726.6  | 1170.5 | 3820.5  | 4150.3  |
| 80°   | 172.1  | 177.5  | 199.5  | 281.7  | 497.5  | 732.0  | 3022.5  | 3330.6  |
| 82.5° | 138.1  | 140.3  | 154.5  | 211.5  | 323.3  | 470.2  | 2024.2  | 2310.3  |
| 85°   | 97.6   | 97.6   | 106.3  | 153.4  | 220.2  | 298.1  | 1099.2  | 1218.7  |
| 87.5° | 46.0   | 47.1   | 47.1   | 84.3   | 115.0  | 151.3  | 253.2   | 155.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

(END OF REPORT)