

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: P194642

Luminaire Tested: **GAN-AF-04-LED-U-SLL-7060-1200**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P194642  
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-04-LED-U-SLL-7060-1200  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 70 CRI, 5700K, 1200mA 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: 23148 lumens  
Efficiency: N/A  
Efficacy: 89.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B3 - U0 - G4

Input Watts (W): 258  
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

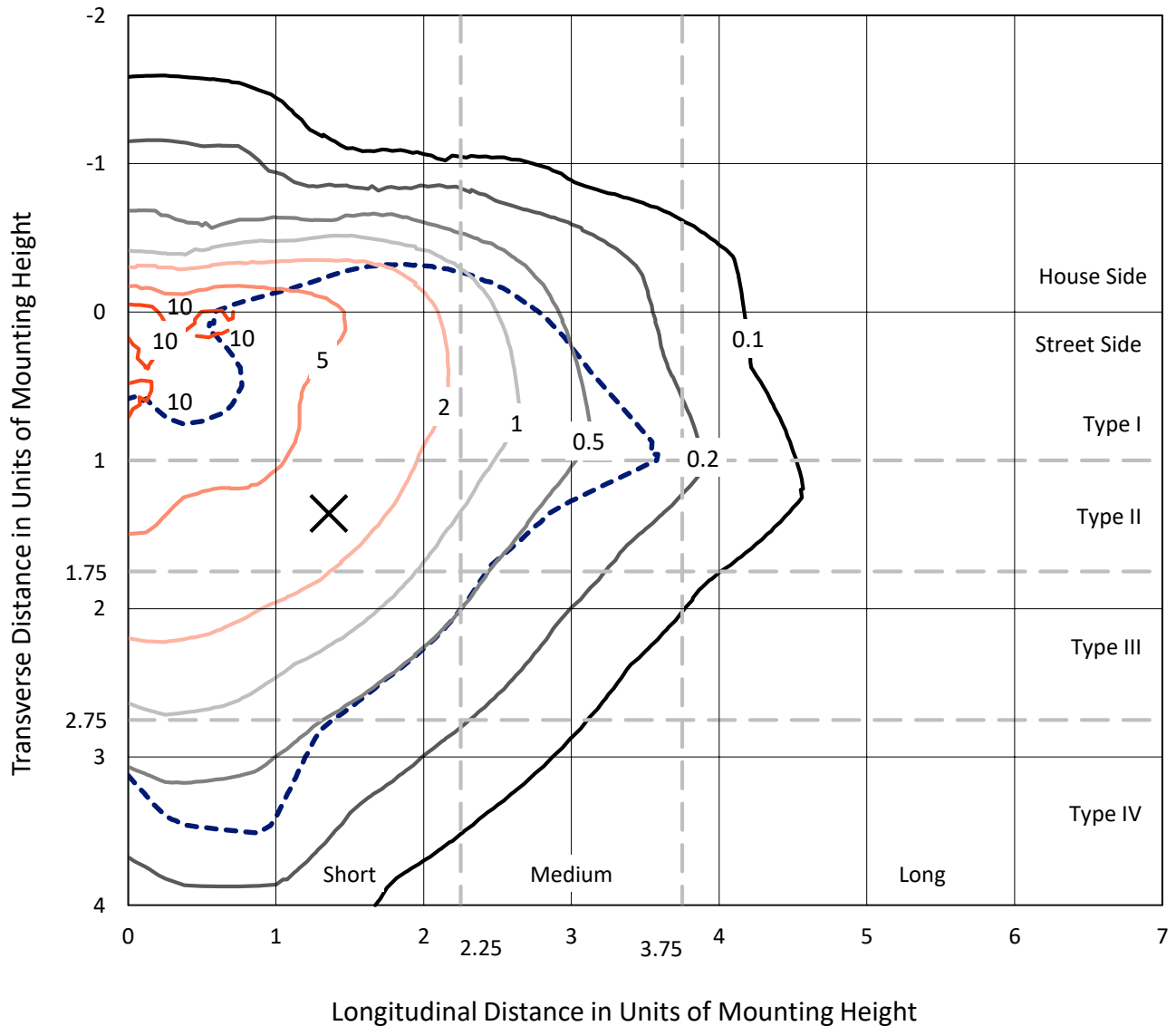


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

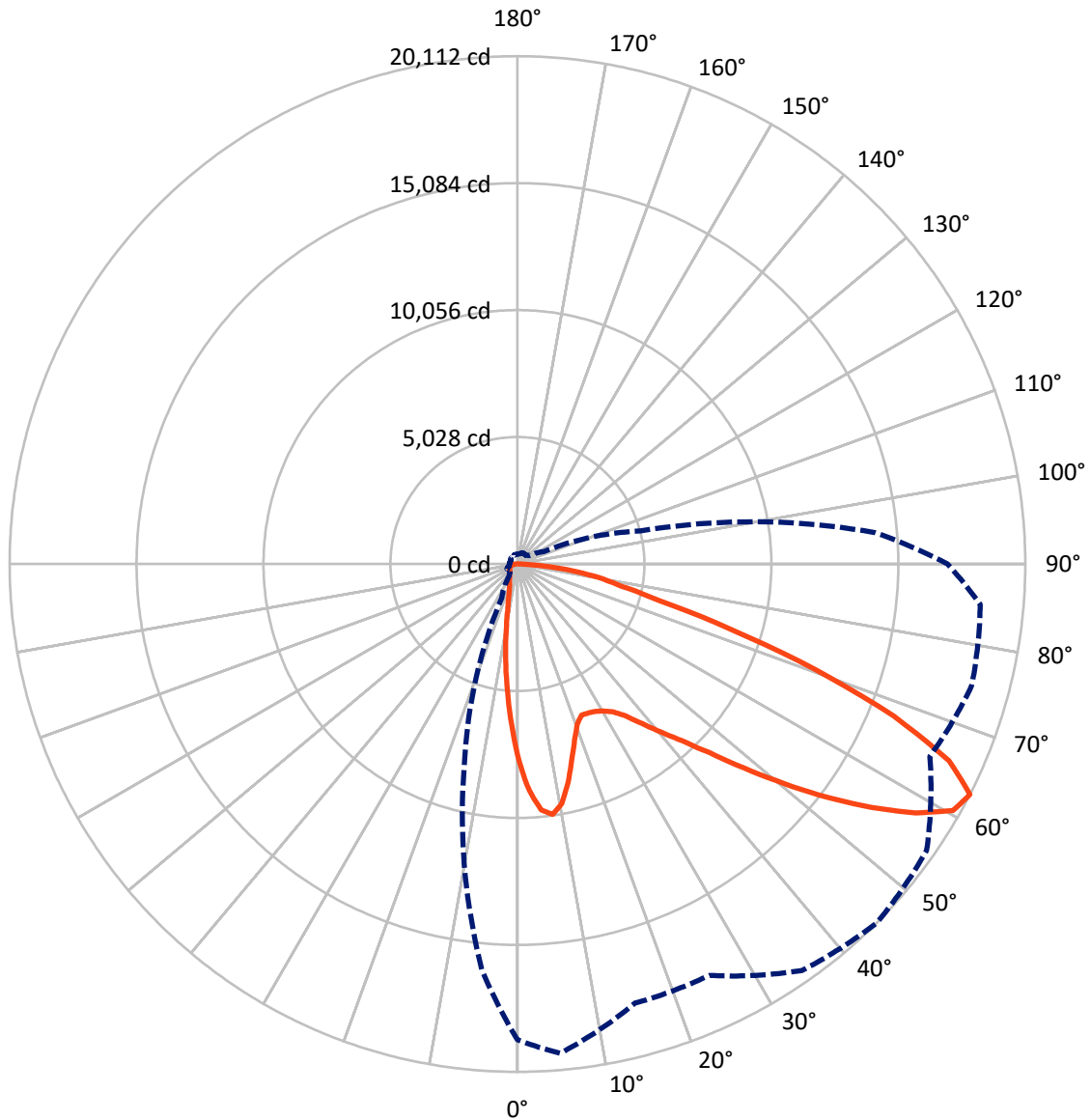


Based on 25 foot mounting height. Maximum calculated value = 14.7 fc  
 Type IV - Short - Non-Cutoff

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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    | 3830.7   | 0.0    | 3830.7  |
|                    | % Fixture | 16.5     | 0.0    | 16.5    |
| <b>Street Side</b> | Lumens    | 19317.3  | 0.0    | 19317.3 |
|                    | % Fixture | 83.5     | 0.0    | 83.5    |
| <b>Total</b>       | Lumens    | 23148.0  | 0.0    | 23148.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 569.3   | 2.5       |
| 10°-20°   | 1044.0  | 4.5       |
| 20°-30°   | 1522.1  | 6.6       |
| 30°-40°   | 2344.2  | 10.1      |
| 40°-50°   | 3450.1  | 14.9      |
| 50°-60°   | 5060.6  | 21.9      |
| 60°-70°   | 5657.0  | 24.4      |
| 70°-80°   | 2769.6  | 12.0      |
| 80°-90°   | 731.2   | 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°    | 23148.0 | 100.0     |
| 0°-180°   | 23148.0 | 100.0     |

**Coefficient of Utilization**



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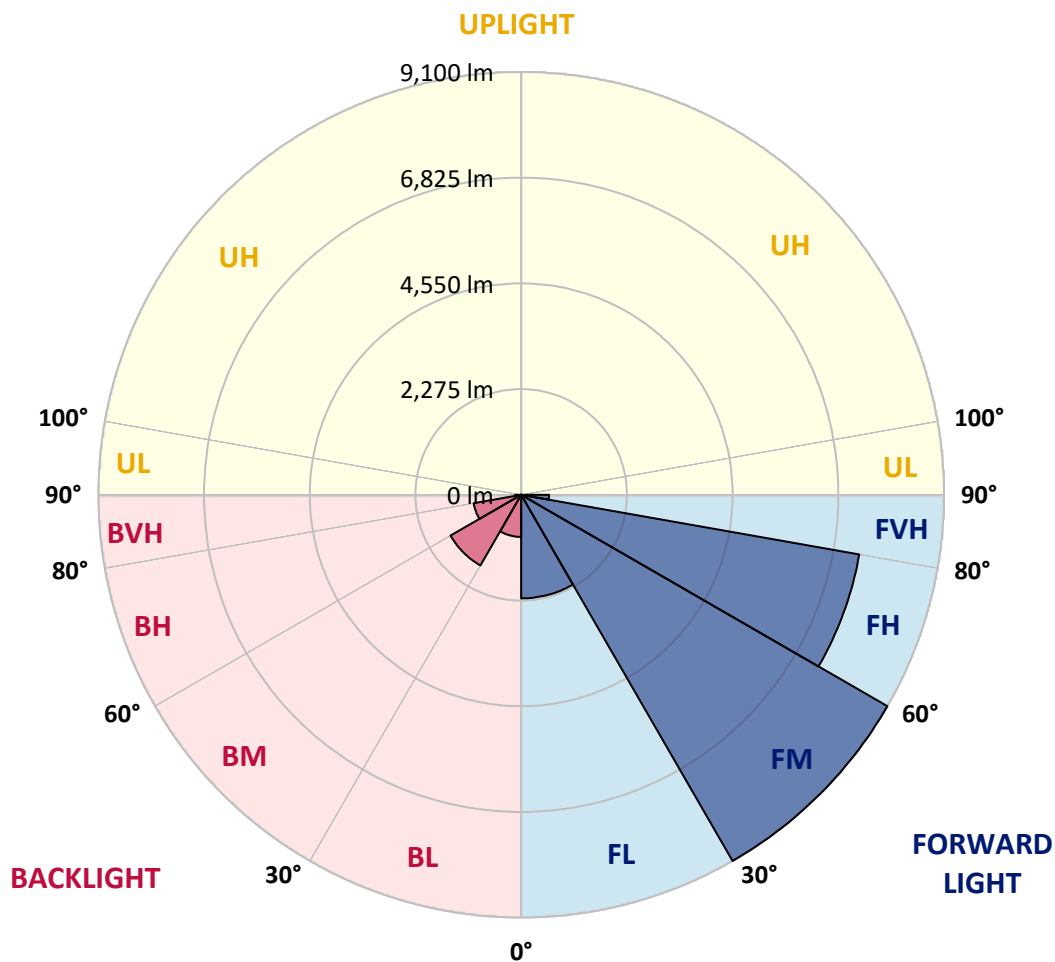
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 2229.1 | 9.6       |                         |      |         |
| FM (30°-60°)   | 9099.7 | 39.3      |                         |      |         |
| FH (60°-80°)   | 7388.0 | 31.9      |                         |      | G3/7500 |
| FVH (80°-90°)  | 600.5  | 2.6       |                         |      | G4/750  |
| BL (0°-30°)    | 906.3  | 3.9       | B2/1000                 |      |         |
| BM (30°-60°)   | 1755.2 | 7.6       | B2/2500                 |      |         |
| BH (60°-80°)   | 1038.5 | 4.5       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 130.7  | 0.6       |                         |      | G2/225  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 7820.6  | 7820.6  | 7820.6  | 7820.6  | 7820.6  | 7820.6  | 7820.6  | 7820.6  | 7820.6  | 7820.6  | 7820.6  |
| 2.5°  | 8126.0  | 8255.8  | 8509.1  | 8698.7  | 8929.0  | 8982.4  | 9056.2  | 8983.7  | 8855.2  | 8684.7  | 8628.7  |
| 5°    | 7641.2  | 7918.6  | 8533.2  | 9074.0  | 9555.0  | 9779.0  | 9841.3  | 9656.8  | 9284.0  | 8794.1  | 8495.1  |
| 7.5°  | 6863.7  | 7258.2  | 8090.4  | 8887.0  | 9595.7  | 10014.4 | 10004.2 | 9575.4  | 8889.5  | 8091.7  | 7612.0  |
| 10°   | 6193.1  | 6643.6  | 7598.0  | 8488.7  | 9240.7  | 9646.6  | 9490.1  | 8941.7  | 8123.5  | 7204.8  | 6684.3  |
| 12.5° | 5817.8  | 6259.3  | 7227.7  | 8122.2  | 8750.8  | 8890.8  | 8771.2  | 8234.2  | 7463.1  | 6534.2  | 6078.6  |
| 15°   | 5752.9  | 6237.7  | 7080.1  | 7807.9  | 8160.4  | 8038.2  | 7895.7  | 7655.2  | 7110.6  | 6317.8  | 5843.2  |
| 17.5° | 6034.1  | 6568.5  | 7249.3  | 7589.1  | 7529.2  | 7316.7  | 7276.0  | 7302.7  | 7171.7  | 6558.3  | 6011.2  |
| 20°   | 6573.6  | 7214.9  | 7652.7  | 7486.0  | 7049.5  | 6756.9  | 6767.0  | 7175.5  | 7563.6  | 7167.9  | 6543.1  |
| 22.5° | 7330.7  | 8062.4  | 8234.2  | 7540.7  | 6847.2  | 6499.8  | 6583.8  | 7245.5  | 8188.4  | 8058.6  | 7260.8  |
| 25°   | 8310.5  | 8977.3  | 8853.9  | 7739.2  | 6867.6  | 6531.6  | 6599.1  | 7487.3  | 8926.4  | 8949.3  | 8148.9  |
| 27.5° | 9259.8  | 9878.2  | 9374.3  | 8002.6  | 6951.5  | 6606.7  | 6695.8  | 7867.7  | 9631.4  | 9916.4  | 9164.4  |
| 30°   | 10000.4 | 10430.5 | 9580.5  | 8243.1  | 7117.0  | 6753.0  | 6863.7  | 8229.1  | 9952.0  | 10569.2 | 9945.7  |
| 32.5° | 10613.7 | 10922.9 | 9908.8  | 8540.9  | 7421.1  | 6983.4  | 7178.0  | 8668.1  | 10413.9 | 11190.2 | 10710.4 |
| 35°   | 11397.6 | 11485.4 | 10317.2 | 8873.0  | 7890.6  | 7384.2  | 7626.0  | 9098.2  | 10854.2 | 11817.5 | 11463.7 |
| 37.5° | 12316.3 | 12203.1 | 10702.8 | 9327.3  | 8497.6  | 8011.5  | 8211.3  | 9570.3  | 11216.9 | 12528.8 | 12233.6 |
| 40°   | 13224.8 | 12952.5 | 11186.3 | 10032.2 | 9383.2  | 8750.8  | 8987.5  | 10074.2 | 11555.4 | 13241.4 | 12985.6 |
| 42.5° | 13997.2 | 13593.9 | 11663.5 | 10807.1 | 10207.8 | 9566.5  | 9849.0  | 10581.9 | 11878.6 | 13849.6 | 13638.4 |
| 45°   | 14568.6 | 14067.2 | 12117.8 | 11551.5 | 11344.1 | 10650.6 | 10784.2 | 11163.4 | 12228.5 | 14357.4 | 14175.4 |
| 47.5° | 15078.8 | 14543.1 | 12631.9 | 12302.3 | 12337.9 | 12060.5 | 11845.5 | 11840.4 | 12640.8 | 14772.2 | 14683.1 |
| 50°   | 15762.2 | 15203.6 | 13184.1 | 13076.0 | 13829.3 | 13644.8 | 13170.1 | 12630.6 | 13162.5 | 15243.0 | 15232.8 |
| 52.5° | 16703.8 | 16249.5 | 13858.5 | 13909.4 | 15221.4 | 15342.3 | 14754.4 | 13579.9 | 13979.4 | 16107.0 | 16045.9 |
| 55°   | 17817.2 | 17552.5 | 14777.3 | 14867.6 | 16929.0 | 17015.6 | 16431.5 | 14767.1 | 15180.6 | 17357.9 | 17188.6 |
| 57.5° | 18686.3 | 18630.3 | 15785.1 | 16017.9 | 18204.1 | 18593.4 | 18056.4 | 16141.4 | 16534.6 | 18411.5 | 17986.5 |
| 60°   | 19032.4 | 19303.5 | 16857.8 | 17178.4 | 19383.6 | 19815.0 | 19344.2 | 17348.9 | 17734.5 | 18847.9 | 17931.7 |
| 62.5° | 18845.4 | 19451.1 | 18000.5 | 17973.7 | 19647.0 | 20111.5 | 19780.6 | 18020.8 | 18624.0 | 18397.5 | 17024.5 |
| 65°   | 17981.4 | 18920.5 | 18663.4 | 17768.9 | 18746.1 | 18784.3 | 18677.4 | 17720.5 | 18833.9 | 16973.6 | 15271.0 |
| 67.5° | 16099.4 | 17450.7 | 17790.5 | 16012.8 | 16315.7 | 16067.6 | 15888.1 | 16076.5 | 17739.6 | 14839.6 | 12834.2 |
| 70°   | 13112.9 | 15146.3 | 15309.2 | 12807.5 | 12670.0 | 12503.4 | 12145.8 | 13180.3 | 15580.2 | 12162.3 | 10183.6 |
| 72.5° | 9641.6  | 11779.3 | 12279.4 | 9393.4  | 8757.2  | 8791.5  | 8509.1  | 9933.0  | 12667.5 | 9034.6  | 7603.0  |
| 75°   | 6596.5  | 8529.4  | 9607.2  | 6554.5  | 5791.0  | 5805.0  | 5769.4  | 7038.1  | 10089.5 | 6284.8  | 5689.2  |
| 77.5° | 4818.9  | 6093.9  | 7245.5  | 4406.6  | 4278.1  | 4199.2  | 4180.1  | 4924.5  | 7735.4  | 4563.1  | 4418.0  |
| 80°   | 3867.1  | 4502.0  | 4867.2  | 3053.9  | 3284.3  | 3277.9  | 3172.3  | 3386.1  | 5051.7  | 3337.7  | 3304.6  |
| 82.5° | 2682.4  | 3459.9  | 3943.4  | 2393.5  | 2216.7  | 2179.8  | 2205.2  | 2522.0  | 3570.6  | 2281.6  | 2169.6  |
| 85°   | 1415.0  | 2298.1  | 3905.2  | 2121.2  | 1315.7  | 1049.8  | 1305.6  | 2065.2  | 3093.4  | 1208.9  | 1058.7  |
| 87.5° | 180.7   | 664.2   | 2585.7  | 846.2   | 519.2   | 279.9   | 619.7   | 1163.0  | 1986.3  | 246.9   | 215.0   |
| 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):**

|       | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7820.6  | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 |
| 2.5°  | 8484.9  | 8315.6 | 8094.2 | 7889.4 | 7676.9 | 7465.6 | 7189.5 | 7016.4 | 6896.8 | 6873.9 | 6823.0 |
| 5°    | 8278.7  | 7716.3 | 7291.3 | 6923.5 | 6590.2 | 6119.3 | 5858.5 | 5642.2 | 5526.4 | 5514.9 | 5486.9 |
| 7.5°  | 7328.2  | 6552.0 | 5978.1 | 5457.7 | 4985.6 | 4605.1 | 4185.2 | 3989.2 | 3909.0 | 3928.1 | 3947.2 |
| 10°   | 6339.5  | 5471.6 | 4812.5 | 4280.6 | 3864.5 | 3543.8 | 3206.6 | 2978.9 | 2821.1 | 2789.3 | 2782.9 |
| 12.5° | 5616.7  | 4664.9 | 4024.8 | 3649.5 | 3327.5 | 3025.9 | 2668.4 | 2399.9 | 2195.0 | 2125.0 | 2078.0 |
| 15°   | 5311.3  | 4270.4 | 3599.8 | 3195.2 | 2840.2 | 2457.2 | 2125.0 | 1843.8 | 1655.5 | 1594.4 | 1560.1 |
| 17.5° | 5376.2  | 4161.0 | 3307.2 | 2789.3 | 2335.0 | 1935.4 | 1516.8 | 1276.3 | 1163.0 | 1133.8 | 1133.8 |
| 20°   | 5717.2  | 4140.6 | 3065.4 | 2415.2 | 1848.9 | 1385.7 | 1042.2 | 904.7  | 867.8  | 864.0  | 874.2  |
| 22.5° | 6195.7  | 4211.9 | 2884.7 | 2090.7 | 1436.6 | 1011.6 | 811.8  | 760.9  | 744.4  | 748.2  | 759.7  |
| 25°   | 6908.3  | 4452.4 | 2753.6 | 1801.8 | 1127.4 | 828.4  | 724.0  | 693.5  | 685.9  | 696.0  | 710.0  |
| 27.5° | 7753.2  | 4692.9 | 2672.2 | 1584.2 | 951.8  | 757.1  | 688.4  | 656.6  | 661.7  | 674.4  | 687.1  |
| 30°   | 8495.1  | 4890.1 | 2543.7 | 1429.0 | 897.1  | 760.9  | 688.4  | 645.1  | 640.1  | 642.6  | 646.4  |
| 32.5° | 9160.6  | 5023.7 | 2393.5 | 1281.4 | 773.7  | 675.7  | 642.6  | 636.2  | 608.2  | 598.1  | 599.3  |
| 35°   | 9734.4  | 5023.7 | 2303.2 | 1194.9 | 693.5  | 599.3  | 545.9  | 514.1  | 500.1  | 501.4  | 515.4  |
| 37.5° | 10288.0 | 4923.2 | 2258.6 | 1146.5 | 650.2  | 570.1  | 523.0  | 495.0  | 475.9  | 472.1  | 474.6  |
| 40°   | 10776.6 | 4776.9 | 2207.7 | 1126.1 | 617.2  | 552.3  | 507.7  | 484.8  | 464.5  | 458.1  | 459.4  |
| 42.5° | 11168.5 | 4658.5 | 2151.8 | 1099.4 | 596.8  | 539.5  | 497.5  | 477.2  | 454.3  | 447.9  | 446.6  |
| 45°   | 11592.3 | 4619.1 | 2078.0 | 1046.0 | 607.0  | 540.8  | 495.0  | 473.4  | 450.5  | 442.8  | 440.3  |
| 47.5° | 12150.9 | 4742.5 | 2001.6 | 982.4  | 628.6  | 547.2  | 498.8  | 473.4  | 449.2  | 442.8  | 440.3  |
| 50°   | 12854.6 | 5032.6 | 1904.9 | 889.5  | 607.0  | 565.0  | 497.5  | 469.5  | 449.2  | 442.8  | 437.7  |
| 52.5° | 13758.0 | 5424.6 | 1777.6 | 782.6  | 594.2  | 608.2  | 495.0  | 461.9  | 442.8  | 433.9  | 425.0  |
| 55°   | 14856.2 | 5745.2 | 1626.2 | 694.8  | 565.0  | 596.8  | 491.2  | 453.0  | 432.6  | 419.9  | 412.3  |
| 57.5° | 15660.4 | 5861.0 | 1431.5 | 637.5  | 524.3  | 577.7  | 486.1  | 441.5  | 419.9  | 409.7  | 399.6  |
| 60°   | 15501.3 | 5637.1 | 1267.4 | 601.9  | 500.1  | 521.7  | 482.3  | 431.4  | 408.5  | 400.8  | 391.9  |
| 62.5° | 14227.6 | 5051.7 | 1161.8 | 585.3  | 484.8  | 475.9  | 486.1  | 421.2  | 398.3  | 390.7  | 388.1  |
| 65°   | 12317.6 | 4187.7 | 1119.8 | 581.5  | 472.1  | 449.2  | 451.7  | 409.7  | 386.8  | 380.5  | 377.9  |
| 67.5° | 10160.7 | 3379.7 | 1082.9 | 594.2  | 455.5  | 430.1  | 417.4  | 394.5  | 375.4  | 369.0  | 363.9  |
| 70°   | 8012.8  | 2810.9 | 1066.3 | 586.6  | 435.2  | 411.0  | 397.0  | 377.9  | 361.4  | 355.0  | 351.2  |
| 72.5° | 6452.7  | 2374.4 | 1057.4 | 579.0  | 408.5  | 385.6  | 372.8  | 356.3  | 338.5  | 335.9  | 332.1  |
| 75°   | 5460.2  | 1866.7 | 968.4  | 554.8  | 377.9  | 355.0  | 346.1  | 330.8  | 313.0  | 313.0  | 310.5  |
| 77.5° | 4211.9  | 1350.1 | 805.5  | 491.2  | 346.1  | 320.7  | 313.0  | 301.6  | 281.2  | 285.0  | 283.8  |
| 80°   | 3111.2  | 880.6  | 629.9  | 407.2  | 306.7  | 282.5  | 278.7  | 267.2  | 245.6  | 250.7  | 250.7  |
| 82.5° | 2131.4  | 577.7  | 453.0  | 333.4  | 262.1  | 239.2  | 239.2  | 227.8  | 203.6  | 206.1  | 213.8  |
| 85°   | 1070.2  | 397.0  | 338.5  | 258.3  | 203.6  | 192.1  | 192.1  | 183.2  | 159.1  | 160.3  | 170.5  |
| 87.5° | 325.8   | 239.2  | 224.0  | 184.5  | 146.3  | 143.8  | 137.4  | 131.1  | 115.8  | 114.5  | 120.9  |
| 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):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 |
| 2.5°  | 6745.4 | 6672.9 | 6585.1 | 6391.7 | 6326.8 | 6322.9 | 6381.5 | 6320.4 | 6437.5 | 6387.8 | 6442.5 |
| 5°    | 5439.8 | 5368.6 | 5270.6 | 5023.7 | 4873.6 | 4771.8 | 4723.4 | 4580.9 | 4684.0 | 4608.9 | 4671.3 |
| 7.5°  | 4000.7 | 4017.2 | 3952.3 | 3807.3 | 3480.2 | 3316.1 | 3219.4 | 3132.8 | 3207.9 | 3200.3 | 3319.9 |
| 10°   | 2812.2 | 2856.7 | 2810.9 | 2664.6 | 2399.9 | 2309.5 | 2327.4 | 2361.7 | 2459.7 | 2510.6 | 2695.1 |
| 12.5° | 2024.5 | 2022.0 | 1992.7 | 1861.6 | 1687.3 | 1697.5 | 1770.0 | 1829.8 | 1920.2 | 1973.6 | 2161.9 |
| 15°   | 1511.7 | 1488.8 | 1476.1 | 1369.2 | 1269.9 | 1291.6 | 1327.2 | 1333.6 | 1390.8 | 1422.6 | 1575.3 |
| 17.5° | 1142.7 | 1154.1 | 1168.1 | 1091.8 | 1016.7 | 1002.7 | 974.7  | 940.4  | 956.9  | 963.3  | 1039.6 |
| 20°   | 907.3  | 953.1  | 987.4  | 934.0  | 857.6  | 816.9  | 781.3  | 758.4  | 758.4  | 757.1  | 778.8  |
| 22.5° | 792.8  | 825.8  | 862.7  | 825.8  | 757.1  | 721.5  | 701.1  | 683.3  | 680.8  | 680.8  | 701.1  |
| 25°   | 730.4  | 754.6  | 790.2  | 764.8  | 713.9  | 687.1  | 668.1  | 645.1  | 636.2  | 633.7  | 647.7  |
| 27.5° | 699.9  | 710.0  | 727.9  | 705.0  | 661.7  | 649.0  | 643.9  | 623.5  | 612.1  | 605.7  | 619.7  |
| 30°   | 647.7  | 645.1  | 646.4  | 623.5  | 589.2  | 587.9  | 596.8  | 600.6  | 596.8  | 595.5  | 617.2  |
| 32.5° | 599.3  | 594.2  | 593.0  | 572.6  | 540.8  | 533.2  | 540.8  | 548.4  | 557.3  | 570.1  | 595.5  |
| 35°   | 538.3  | 551.0  | 558.6  | 540.8  | 502.6  | 479.7  | 470.8  | 456.8  | 449.2  | 449.2  | 478.5  |
| 37.5° | 489.9  | 519.2  | 530.6  | 514.1  | 472.1  | 440.3  | 425.0  | 422.5  | 423.7  | 428.8  | 456.8  |
| 40°   | 473.4  | 495.0  | 505.2  | 488.6  | 446.6  | 417.4  | 408.5  | 405.9  | 408.5  | 416.1  | 444.1  |
| 42.5° | 463.2  | 478.5  | 477.2  | 456.8  | 422.5  | 402.1  | 397.0  | 394.5  | 397.0  | 404.6  | 435.2  |
| 45°   | 454.3  | 464.5  | 454.3  | 430.1  | 398.3  | 388.1  | 389.4  | 388.1  | 390.7  | 398.3  | 427.6  |
| 47.5° | 446.6  | 450.5  | 437.7  | 413.6  | 380.5  | 377.9  | 383.0  | 386.8  | 389.4  | 395.7  | 426.3  |
| 50°   | 435.2  | 435.2  | 423.7  | 398.3  | 365.2  | 366.5  | 372.8  | 381.7  | 383.0  | 390.7  | 414.8  |
| 52.5° | 421.2  | 419.9  | 412.3  | 388.1  | 352.5  | 356.3  | 356.3  | 366.5  | 369.0  | 377.9  | 403.4  |
| 55°   | 409.7  | 407.2  | 403.4  | 380.5  | 341.0  | 347.4  | 343.6  | 347.4  | 353.7  | 362.7  | 390.7  |
| 57.5° | 399.6  | 394.5  | 394.5  | 374.1  | 332.1  | 334.7  | 325.8  | 330.8  | 338.5  | 346.1  | 375.4  |
| 60°   | 389.4  | 384.3  | 386.8  | 365.2  | 318.1  | 315.6  | 311.8  | 321.9  | 324.5  | 333.4  | 362.7  |
| 62.5° | 377.9  | 374.1  | 375.4  | 355.0  | 307.9  | 301.6  | 301.6  | 310.5  | 311.8  | 324.5  | 352.5  |
| 65°   | 369.0  | 363.9  | 362.7  | 344.8  | 296.5  | 288.9  | 292.7  | 296.5  | 299.0  | 311.8  | 338.5  |
| 67.5° | 360.1  | 349.9  | 349.9  | 335.9  | 283.8  | 276.1  | 283.8  | 282.5  | 286.3  | 297.8  | 319.4  |
| 70°   | 348.7  | 334.7  | 335.9  | 329.6  | 271.0  | 262.1  | 268.5  | 267.2  | 269.8  | 277.4  | 299.0  |
| 72.5° | 330.8  | 319.4  | 321.9  | 319.4  | 258.3  | 245.6  | 248.1  | 248.1  | 248.1  | 254.5  | 277.4  |
| 75°   | 307.9  | 299.0  | 306.7  | 313.0  | 243.0  | 225.2  | 227.8  | 227.8  | 224.0  | 227.8  | 255.8  |
| 77.5° | 279.9  | 274.9  | 300.3  | 291.4  | 225.2  | 203.6  | 203.6  | 201.1  | 193.4  | 198.5  | 229.0  |
| 80°   | 249.4  | 245.6  | 277.4  | 244.3  | 204.9  | 176.9  | 174.3  | 168.0  | 160.3  | 164.1  | 194.7  |
| 82.5° | 217.6  | 213.8  | 232.9  | 187.1  | 176.9  | 146.3  | 140.0  | 128.5  | 120.9  | 124.7  | 152.7  |
| 85°   | 178.1  | 178.1  | 179.4  | 141.2  | 134.9  | 112.0  | 104.3  | 89.1   | 80.2   | 82.7   | 109.4  |
| 87.5° | 127.2  | 131.1  | 120.9  | 96.7   | 80.2   | 62.4   | 57.3   | 48.4   | 40.7   | 47.1   | 57.3   |
| 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: GAN-AF-04-LED-U-SLL-7060-1200

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6 | 7820.6  | 7820.6  |
| 2.5°  | 6722.5 | 6862.5 | 7021.5 | 7225.1 | 7399.5 | 7685.8 | 7960.6  | 8126.0  |
| 5°    | 5026.3 | 5259.1 | 5549.3 | 5922.1 | 6269.5 | 6791.2 | 7309.1  | 7641.2  |
| 7.5°  | 3597.3 | 3846.7 | 4159.7 | 4625.5 | 5116.6 | 5782.1 | 6466.7  | 6863.7  |
| 10°   | 2976.3 | 3232.1 | 3495.5 | 3809.8 | 4211.9 | 4935.9 | 5745.2  | 6193.1  |
| 12.5° | 2462.2 | 2735.8 | 3019.6 | 3350.4 | 3723.3 | 4369.7 | 5302.4  | 5817.8  |
| 15°   | 1884.5 | 2189.9 | 2524.6 | 2943.2 | 3410.2 | 4157.2 | 5193.0  | 5752.9  |
| 17.5° | 1291.6 | 1632.6 | 2043.6 | 2560.2 | 3131.6 | 4088.5 | 5388.9  | 6034.1  |
| 20°   | 889.5  | 1137.6 | 1576.6 | 2182.3 | 2869.4 | 4079.6 | 5765.6  | 6573.6  |
| 22.5° | 744.4  | 855.1  | 1175.8 | 1834.9 | 2672.2 | 4189.0 | 6349.7  | 7330.7  |
| 25°   | 688.4  | 754.6  | 939.1  | 1533.3 | 2528.4 | 4440.9 | 7153.9  | 8310.5  |
| 27.5° | 655.3  | 715.1  | 852.6  | 1336.1 | 2415.2 | 4733.6 | 7936.4  | 9259.8  |
| 30°   | 668.1  | 729.1  | 828.4  | 1235.6 | 2261.2 | 4977.9 | 8631.2  | 10000.4 |
| 32.5° | 601.9  | 628.6  | 710.0  | 1146.5 | 2150.5 | 5182.8 | 9239.5  | 10613.7 |
| 35°   | 512.8  | 559.9  | 633.7  | 1104.5 | 2153.0 | 5320.2 | 9902.4  | 11397.6 |
| 37.5° | 488.6  | 535.7  | 589.2  | 1089.2 | 2182.3 | 5466.6 | 10663.4 | 12316.3 |
| 40°   | 473.4  | 516.6  | 562.4  | 1080.3 | 2210.3 | 5600.2 | 11409.0 | 13224.8 |
| 42.5° | 463.2  | 502.6  | 559.9  | 1049.8 | 2224.3 | 5719.8 | 12022.4 | 13997.2 |
| 45°   | 461.9  | 502.6  | 570.1  | 1019.3 | 2245.9 | 5848.3 | 12536.4 | 14568.6 |
| 47.5° | 463.2  | 519.2  | 551.0  | 982.4  | 2245.9 | 6063.4 | 13139.6 | 15078.8 |
| 50°   | 458.1  | 547.2  | 530.6  | 930.2  | 2193.7 | 6470.5 | 13966.7 | 15762.2 |
| 52.5° | 455.5  | 543.3  | 491.2  | 850.0  | 2103.4 | 7117.0 | 15026.7 | 16703.8 |
| 55°   | 449.2  | 524.3  | 463.2  | 730.4  | 1997.8 | 7821.9 | 16161.7 | 17817.2 |
| 57.5° | 442.8  | 464.5  | 447.9  | 626.1  | 1834.9 | 8318.2 | 16943.0 | 18686.3 |
| 60°   | 496.3  | 405.9  | 435.2  | 575.2  | 1617.3 | 8454.3 | 16912.5 | 19032.4 |
| 62.5° | 459.4  | 380.5  | 418.6  | 563.7  | 1464.6 | 8072.6 | 16131.2 | 18845.4 |
| 65°   | 360.1  | 363.9  | 402.1  | 596.8  | 1423.9 | 7061.0 | 14746.7 | 17981.4 |
| 67.5° | 329.6  | 347.4  | 385.6  | 638.8  | 1427.7 | 5653.6 | 12677.7 | 16099.4 |
| 70°   | 310.5  | 329.6  | 366.5  | 660.4  | 1437.9 | 4214.4 | 10023.3 | 13112.9 |
| 72.5° | 288.9  | 305.4  | 344.8  | 664.2  | 1371.7 | 3061.6 | 7725.2  | 9641.6  |
| 75°   | 263.4  | 278.7  | 314.3  | 579.0  | 1136.3 | 2123.8 | 5909.4  | 6596.5  |
| 77.5° | 234.1  | 245.6  | 276.1  | 446.6  | 843.7  | 1359.0 | 4435.9  | 4818.9  |
| 80°   | 199.8  | 206.1  | 231.6  | 327.0  | 577.7  | 850.0  | 3509.5  | 3867.1  |
| 82.5° | 160.3  | 162.9  | 179.4  | 245.6  | 375.4  | 545.9  | 2350.3  | 2682.4  |
| 85°   | 113.3  | 113.3  | 123.4  | 178.1  | 255.8  | 346.1  | 1276.3  | 1415.0  |
| 87.5° | 53.4   | 54.7   | 54.7   | 98.0   | 133.6  | 175.6  | 293.9   | 180.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

(END OF REPORT)