

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: P268930

Luminaire Tested: **GAN-AF-10-LED-U-SLL-7027-600**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P268930  
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-10-LED-U-SLL-7027-600  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(10) 70 CRI, 2700K, 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: 29638.8 lumens  
Efficiency: N/A  
Efficacy: 91.8 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B3 - U0 - G5

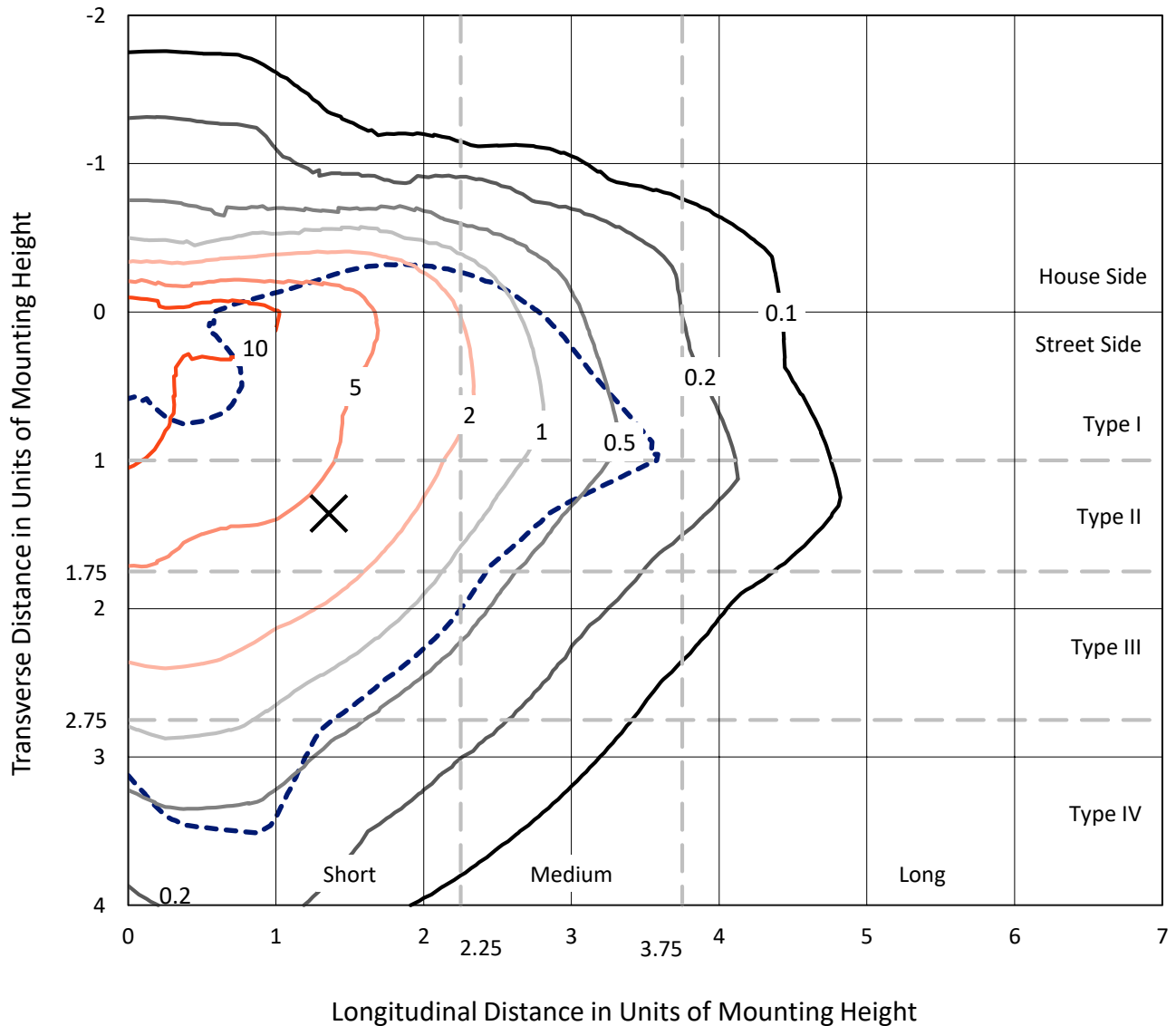
Input Watts (W): 323  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

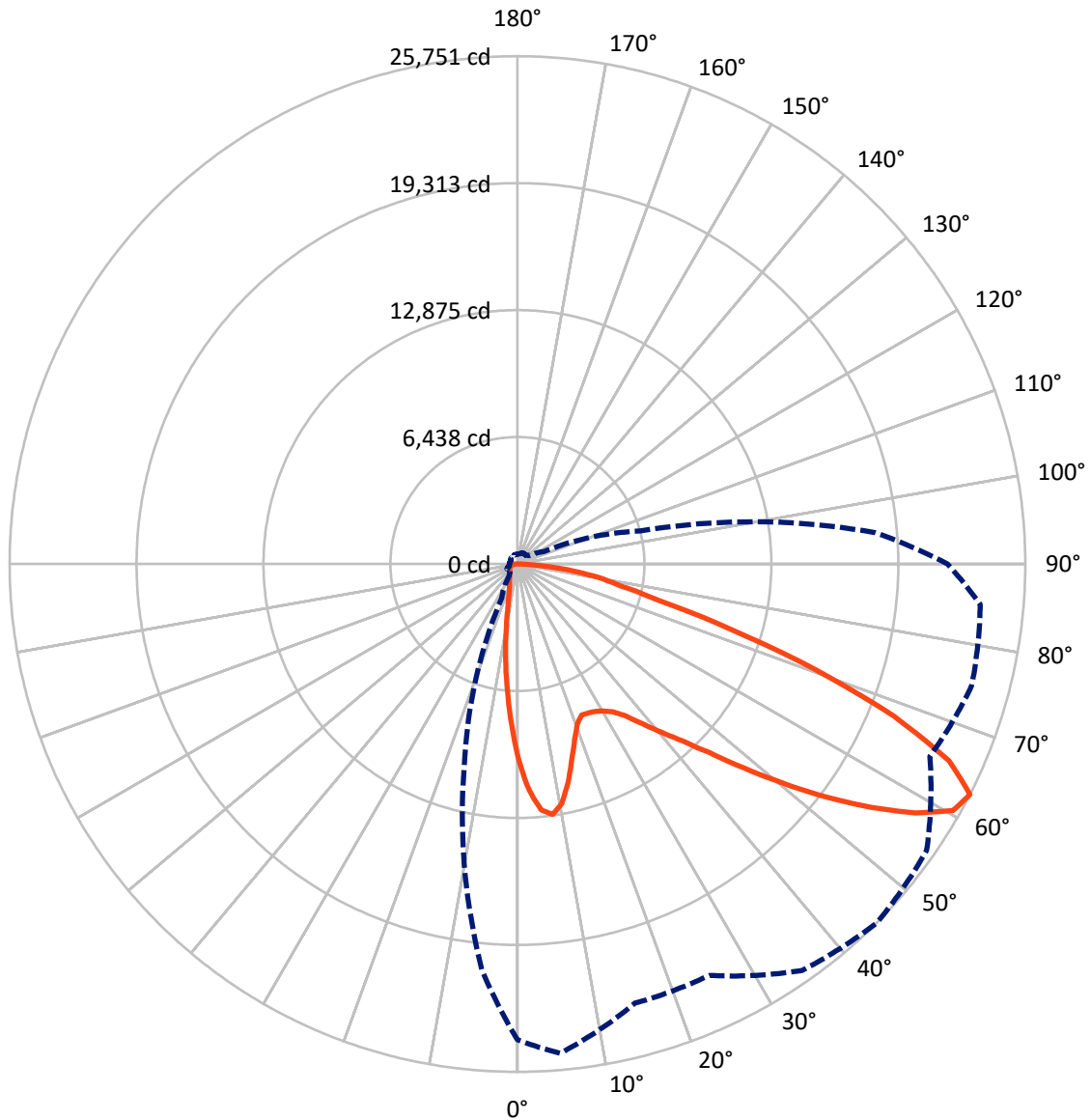
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.9 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    | 4904.8   | 0.0    | 4904.8  |
|                    | % Fixture | 16.5     | 0.0    | 16.5    |
| <b>Street Side</b> | Lumens    | 24734.0  | 0.0    | 24734.0 |
|                    | % Fixture | 83.5     | 0.0    | 83.5    |
| <b>Total</b>       | Lumens    | 29638.8  | 0.0    | 29638.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 728.9   | 2.5       |
| 10°-20°   | 1336.7  | 4.5       |
| 20°-30°   | 1948.9  | 6.6       |
| 30°-40°   | 3001.6  | 10.1      |
| 40°-50°   | 4417.5  | 14.9      |
| 50°-60°   | 6479.5  | 21.9      |
| 60°-70°   | 7243.2  | 24.4      |
| 70°-80°   | 3546.2  | 12.0      |
| 80°-90°   | 936.3   | 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°    | 29638.8 | 100.0     |
| 0°-180°   | 29638.8 | 100.0     |

**Coefficient of Utilization**



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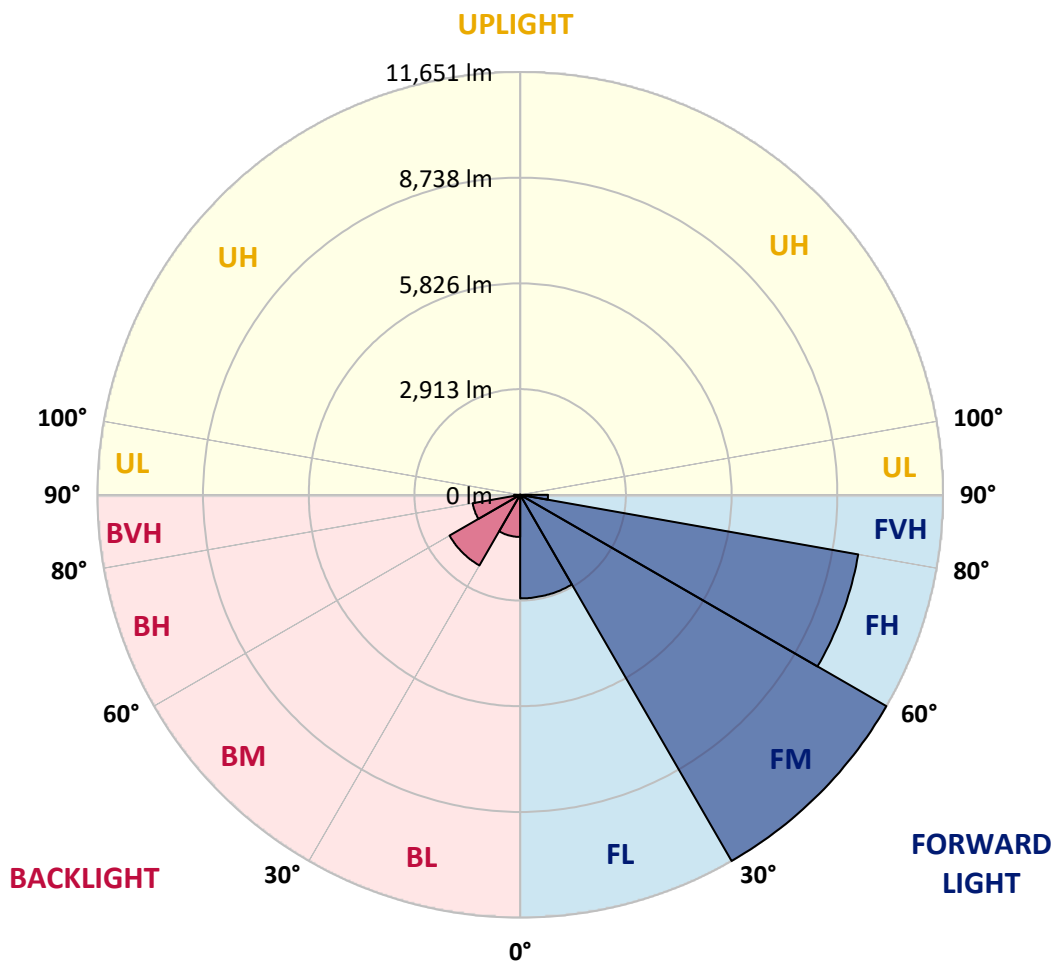
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 2854.1  | 9.6       |                         |      |          |
| FM   | (30°-60°)   | 11651.3 | 39.3      |                         |      |          |
| FH   | (60°-80°)   | 9459.7  | 31.9      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 768.9   | 2.6       |                         |      | G5       |
| BL   | (0°-30°)    | 1160.4  | 3.9       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2247.4  | 7.6       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 1329.7  | 4.5       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 167.4   | 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-G5**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 |
| 2.5°  | 10404.6 | 10570.7 | 10895.1 | 11137.7 | 11432.6 | 11501.1 | 11595.6 | 11502.7 | 11338.1 | 11119.8 | 11048.2 |
| 5°    | 9783.8  | 10139.0 | 10925.9 | 11618.4 | 12234.2 | 12521.0 | 12600.9 | 12364.6 | 11887.2 | 11260.0 | 10877.0 |
| 7.5°  | 8788.4  | 9293.4  | 10359.0 | 11378.9 | 12286.4 | 12822.4 | 12809.4 | 12260.3 | 11382.2 | 10360.6 | 9746.4  |
| 10°   | 7929.7  | 8506.5  | 9728.5  | 10869.0 | 11831.8 | 12351.5 | 12151.3 | 11449.0 | 10401.4 | 9225.1  | 8558.6  |
| 12.5° | 7449.0  | 8014.5  | 9254.2  | 10399.7 | 11204.6 | 11383.9 | 11230.6 | 10543.0 | 9555.7  | 8366.4  | 7783.0  |
| 15°   | 7366.0  | 7986.7  | 9065.3  | 9997.2  | 10448.5 | 10292.2 | 10109.7 | 9801.8  | 9104.4  | 8089.3  | 7481.7  |
| 17.5° | 7726.1  | 8410.3  | 9282.0  | 9717.1  | 9640.5  | 9368.3  | 9316.2  | 9350.5  | 9182.7  | 8397.4  | 7696.8  |
| 20°   | 8416.8  | 9238.0  | 9798.5  | 9585.0  | 9026.2  | 8651.4  | 8664.5  | 9187.5  | 9684.4  | 9177.8  | 8377.8  |
| 22.5° | 9386.3  | 10323.1 | 10543.0 | 9655.2  | 8767.2  | 8322.3  | 8430.0  | 9277.2  | 10484.5 | 10318.2 | 9296.6  |
| 25°   | 10640.9 | 11494.6 | 11336.6 | 9909.4  | 8793.2  | 8363.1  | 8449.5  | 9586.7  | 11429.5 | 11458.8 | 10434.0 |
| 27.5° | 11856.3 | 12648.1 | 12003.0 | 10246.5 | 8900.8  | 8459.2  | 8573.2  | 10073.9 | 12332.0 | 12697.1 | 11734.1 |
| 30°   | 12804.5 | 13355.2 | 12266.9 | 10554.5 | 9112.5  | 8646.6  | 8788.4  | 10536.6 | 12742.6 | 13532.8 | 12734.6 |
| 32.5° | 13589.9 | 13985.8 | 12687.2 | 10935.7 | 9502.0  | 8941.5  | 9190.7  | 11098.6 | 13334.0 | 14328.0 | 13713.6 |
| 35°   | 14593.4 | 14706.0 | 13210.2 | 11361.0 | 10103.1 | 9454.8  | 9764.2  | 11649.4 | 13897.8 | 15131.1 | 14678.2 |
| 37.5° | 15769.8 | 15624.8 | 13704.0 | 11942.6 | 10880.4 | 10257.9 | 10513.8 | 12253.8 | 14362.1 | 16041.9 | 15663.9 |
| 40°   | 16933.1 | 16584.5 | 14323.0 | 12845.3 | 12014.3 | 11204.6 | 11507.6 | 12899.0 | 14795.5 | 16954.3 | 16626.9 |
| 42.5° | 17922.2 | 17405.6 | 14934.1 | 13837.5 | 13070.1 | 12249.0 | 12610.6 | 13549.1 | 15209.4 | 17733.1 | 17462.6 |
| 45°   | 18653.7 | 18011.7 | 15515.6 | 14790.7 | 14525.1 | 13637.1 | 13808.1 | 14293.7 | 15657.4 | 18383.3 | 18150.3 |
| 47.5° | 19307.0 | 18621.1 | 16174.0 | 15751.9 | 15797.6 | 15442.4 | 15167.1 | 15160.4 | 16185.3 | 18914.4 | 18800.3 |
| 50°   | 20182.0 | 19466.7 | 16880.9 | 16742.5 | 17707.0 | 17470.7 | 16863.2 | 16172.2 | 16853.3 | 19517.1 | 19504.2 |
| 52.5° | 21387.6 | 20806.0 | 17744.5 | 17809.6 | 19489.4 | 19644.2 | 18891.5 | 17387.8 | 17899.3 | 20623.5 | 20545.2 |
| 55°   | 22813.3 | 22474.3 | 18920.9 | 19036.5 | 21676.0 | 21786.8 | 21038.9 | 18907.9 | 19437.3 | 22225.1 | 22008.4 |
| 57.5° | 23926.0 | 23854.3 | 20211.2 | 20509.5 | 23308.5 | 23807.2 | 23119.5 | 20667.5 | 21171.0 | 23574.1 | 23029.8 |
| 60°   | 24369.2 | 24716.2 | 21584.7 | 21995.3 | 24818.9 | 25371.2 | 24768.3 | 22213.6 | 22707.4 | 24133.0 | 22959.9 |
| 62.5° | 24129.7 | 24905.1 | 23047.9 | 23013.6 | 25156.1 | 25750.9 | 25327.3 | 23074.0 | 23846.1 | 23556.2 | 21798.2 |
| 65°   | 23023.4 | 24225.9 | 23896.7 | 22751.4 | 24002.6 | 24051.5 | 23914.6 | 22689.4 | 24115.0 | 21733.1 | 19553.0 |
| 67.5° | 20613.6 | 22344.0 | 22779.0 | 20502.8 | 20890.7 | 20573.0 | 20343.2 | 20584.4 | 22713.9 | 19000.7 | 16433.0 |
| 70°   | 16789.9 | 19393.4 | 19601.9 | 16398.6 | 16222.9 | 16009.4 | 15551.5 | 16876.1 | 19948.9 | 15572.7 | 13039.2 |
| 72.5° | 12345.0 | 15082.3 | 15722.6 | 12027.3 | 11212.7 | 11256.8 | 10895.1 | 12718.3 | 16219.4 | 11568.0 | 9734.9  |
| 75°   | 8446.3  | 10921.1 | 12301.1 | 8392.4  | 7414.9  | 7432.8  | 7387.2  | 9011.5  | 12918.5 | 8047.0  | 7284.5  |
| 77.5° | 6170.1  | 7802.7  | 9277.2  | 5642.3  | 5477.7  | 5376.6  | 5352.2  | 6305.4  | 9904.4  | 5842.5  | 5656.8  |
| 80°   | 4951.4  | 5764.5  | 6232.0  | 3910.3  | 4205.1  | 4197.1  | 4061.7  | 4335.5  | 6468.2  | 4273.5  | 4231.2  |
| 82.5° | 3434.5  | 4430.0  | 5049.2  | 3064.7  | 2838.3  | 2790.9  | 2823.6  | 3229.2  | 4571.7  | 2921.3  | 2777.9  |
| 85°   | 1811.7  | 2942.5  | 5000.2  | 2716.0  | 1684.7  | 1344.1  | 1671.7  | 2644.3  | 3960.7  | 1547.8  | 1355.5  |
| 87.5° | 231.4   | 850.4   | 3310.8  | 1083.4  | 664.7   | 358.5   | 793.5   | 1489.2  | 2543.3  | 316.1   | 275.3   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 95°     | 105°    | 115°    | 125°    | 135°    | 145°    | 155°    | 165°    | 175°    | 180°    | 185°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 |
| 2.5°  | 10864.0 | 10647.4 | 10363.8 | 10101.6 | 9829.4  | 9559.0  | 9205.4  | 8983.9  | 8830.7  | 8801.5  | 8736.2  |
| 5°    | 10600.1 | 9880.0  | 9335.7  | 8865.0  | 8438.0  | 7835.2  | 7501.2  | 7224.2  | 7075.9  | 7061.2  | 7025.5  |
| 7.5°  | 9383.1  | 8389.2  | 7654.4  | 6987.9  | 6383.5  | 5896.4  | 5358.7  | 5107.9  | 5005.1  | 5029.6  | 5054.0  |
| 10°   | 8117.1  | 7005.9  | 6162.0  | 5480.9  | 4948.1  | 4537.6  | 4105.9  | 3814.2  | 3612.2  | 3571.4  | 3563.2  |
| 12.5° | 7191.7  | 5973.0  | 5153.4  | 4672.9  | 4260.7  | 3874.4  | 3416.7  | 3072.8  | 2810.4  | 2720.8  | 2660.6  |
| 15°   | 6800.6  | 5467.9  | 4609.3  | 4091.2  | 3636.6  | 3146.1  | 2720.8  | 2360.8  | 2119.7  | 2041.5  | 1997.6  |
| 17.5° | 6883.7  | 5327.8  | 4234.5  | 3571.4  | 2989.6  | 2478.2  | 1942.0  | 1634.1  | 1489.2  | 1451.8  | 1451.8  |
| 20°   | 7320.4  | 5301.6  | 3925.0  | 3092.3  | 2367.4  | 1774.3  | 1334.4  | 1158.5  | 1111.2  | 1106.4  | 1119.3  |
| 22.5° | 7933.0  | 5393.0  | 3693.7  | 2676.9  | 1839.5  | 1295.3  | 1039.5  | 974.3   | 953.1   | 958.0   | 972.7   |
| 25°   | 8845.4  | 5700.9  | 3525.8  | 2307.0  | 1443.5  | 1060.7  | 927.1   | 888.0   | 878.3   | 891.2   | 909.2   |
| 27.5° | 9927.2  | 6008.9  | 3421.6  | 2028.5  | 1218.7  | 969.5   | 881.4   | 840.8   | 847.2   | 863.5   | 879.8   |
| 30°   | 10877.0 | 6261.4  | 3257.0  | 1829.7  | 1148.7  | 974.3   | 881.4   | 826.0   | 819.6   | 822.8   | 827.7   |
| 32.5° | 11729.2 | 6432.5  | 3064.7  | 1640.7  | 990.7   | 865.2   | 822.8   | 814.7   | 778.8   | 765.7   | 767.4   |
| 35°   | 12464.1 | 6432.5  | 2949.0  | 1530.0  | 888.0   | 767.4   | 699.1   | 658.2   | 640.3   | 641.8   | 659.9   |
| 37.5° | 13172.7 | 6303.6  | 2892.0  | 1468.0  | 832.5   | 730.0   | 669.6   | 633.8   | 609.3   | 604.5   | 607.8   |
| 40°   | 13798.3 | 6116.3  | 2826.7  | 1441.9  | 790.1   | 707.1   | 650.1   | 620.8   | 594.7   | 586.6   | 588.2   |
| 42.5° | 14300.2 | 5964.7  | 2755.1  | 1407.7  | 764.2   | 690.8   | 637.1   | 610.9   | 581.7   | 573.5   | 572.0   |
| 45°   | 14842.8 | 5914.4  | 2660.6  | 1339.3  | 777.2   | 692.5   | 633.8   | 606.0   | 576.7   | 567.0   | 563.7   |
| 47.5° | 15558.0 | 6072.4  | 2562.9  | 1257.7  | 804.9   | 700.6   | 638.6   | 606.0   | 575.2   | 567.0   | 563.7   |
| 50°   | 16459.0 | 6443.8  | 2439.1  | 1139.0  | 777.2   | 723.5   | 637.1   | 601.1   | 575.2   | 567.0   | 560.5   |
| 52.5° | 17615.9 | 6945.6  | 2276.1  | 1002.0  | 760.9   | 778.8   | 633.8   | 591.4   | 567.0   | 555.6   | 544.2   |
| 55°   | 19021.9 | 7356.2  | 2082.2  | 889.6   | 723.5   | 764.2   | 629.0   | 580.0   | 554.0   | 537.6   | 527.8   |
| 57.5° | 20051.5 | 7504.5  | 1832.9  | 816.3   | 671.3   | 739.8   | 622.3   | 565.4   | 537.6   | 524.6   | 511.6   |
| 60°   | 19848.0 | 7217.7  | 1622.8  | 770.7   | 640.3   | 668.0   | 617.5   | 552.3   | 523.1   | 513.2   | 501.9   |
| 62.5° | 18217.0 | 6468.2  | 1487.6  | 749.5   | 620.8   | 609.3   | 622.3   | 539.3   | 510.0   | 500.1   | 496.9   |
| 65°   | 15771.5 | 5362.0  | 1433.8  | 744.5   | 604.5   | 575.2   | 578.4   | 524.6   | 495.2   | 487.2   | 483.8   |
| 67.5° | 13009.9 | 4327.3  | 1386.5  | 760.9   | 583.3   | 550.8   | 534.4   | 505.0   | 480.7   | 472.5   | 466.0   |
| 70°   | 10259.6 | 3599.1  | 1365.3  | 751.2   | 557.2   | 526.2   | 508.4   | 483.8   | 462.6   | 454.5   | 449.7   |
| 72.5° | 8262.2  | 3040.3  | 1353.9  | 741.3   | 523.1   | 493.7   | 477.4   | 456.2   | 433.4   | 430.1   | 425.3   |
| 75°   | 6991.2  | 2390.2  | 1239.9  | 710.4   | 483.8   | 454.5   | 443.1   | 423.6   | 400.9   | 400.9   | 397.5   |
| 77.5° | 5393.0  | 1728.7  | 1031.3  | 629.0   | 443.1   | 410.5   | 400.9   | 386.1   | 360.1   | 364.9   | 363.4   |
| 80°   | 3983.7  | 1127.5  | 806.5   | 521.3   | 392.6   | 361.7   | 356.7   | 342.2   | 314.4   | 321.0   | 321.0   |
| 82.5° | 2729.1  | 739.8   | 580.0   | 426.9   | 335.6   | 306.3   | 306.3   | 291.6   | 260.7   | 263.9   | 273.8   |
| 85°   | 1370.3  | 508.4   | 433.4   | 330.8   | 260.7   | 246.0   | 246.0   | 234.5   | 203.6   | 205.4   | 218.3   |
| 87.5° | 417.2   | 306.3   | 286.7   | 236.3   | 187.3   | 184.2   | 176.0   | 167.9   | 148.3   | 146.7   | 154.8   |
| 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):**

|       | 195°    | 205°    | 215°    | 225°    | 235°    | 245°    | 255°    | 265°    | 270°    | 275°    | 285°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 |
| 2.5°  | 8636.8  | 8544.0  | 8431.5  | 8183.9  | 8100.7  | 8096.0  | 8170.9  | 8092.7  | 8242.6  | 8179.0  | 8249.0  |
| 5°    | 6965.2  | 6873.9  | 6748.4  | 6432.5  | 6240.2  | 6109.8  | 6047.8  | 5865.5  | 5997.4  | 5901.2  | 5981.2  |
| 7.5°  | 5122.4  | 5143.6  | 5060.5  | 4874.8  | 4456.1  | 4245.8  | 4122.1  | 4011.3  | 4107.4  | 4097.7  | 4250.8  |
| 10°   | 3600.8  | 3657.8  | 3599.1  | 3411.8  | 3072.8  | 2957.1  | 2979.9  | 3024.0  | 3149.4  | 3214.6  | 3450.7  |
| 12.5° | 2592.1  | 2588.9  | 2551.5  | 2383.7  | 2160.5  | 2173.4  | 2266.3  | 2342.9  | 2458.7  | 2527.0  | 2768.1  |
| 15°   | 1935.6  | 1906.3  | 1889.9  | 1753.1  | 1626.0  | 1653.7  | 1699.4  | 1707.5  | 1780.8  | 1821.6  | 2017.1  |
| 17.5° | 1463.1  | 1477.7  | 1495.7  | 1397.9  | 1301.9  | 1283.9  | 1248.0  | 1204.1  | 1225.2  | 1233.4  | 1331.1  |
| 20°   | 1161.7  | 1220.3  | 1264.4  | 1196.0  | 1098.2  | 1045.9  | 1000.4  | 971.1   | 971.1   | 969.5   | 997.1   |
| 22.5° | 1015.1  | 1057.5  | 1104.6  | 1057.5  | 969.5   | 923.7   | 897.8   | 874.9   | 871.6   | 871.6   | 897.8   |
| 25°   | 935.2   | 966.1   | 1011.9  | 979.2   | 914.0   | 879.8   | 855.4   | 826.0   | 814.7   | 811.3   | 829.3   |
| 27.5° | 896.1   | 909.2   | 931.9   | 902.6   | 847.2   | 830.9   | 824.5   | 798.4   | 783.7   | 775.5   | 793.5   |
| 30°   | 829.3   | 826.0   | 827.7   | 798.4   | 754.3   | 752.7   | 764.2   | 768.9   | 764.2   | 762.5   | 790.1   |
| 32.5° | 767.4   | 760.9   | 759.2   | 733.1   | 692.5   | 682.7   | 692.5   | 702.2   | 713.7   | 730.0   | 762.5   |
| 35°   | 689.2   | 705.4   | 715.3   | 692.5   | 643.5   | 614.3   | 602.9   | 584.8   | 575.2   | 575.2   | 612.6   |
| 37.5° | 627.2   | 664.7   | 679.4   | 658.2   | 604.5   | 563.7   | 544.2   | 540.9   | 542.5   | 549.0   | 584.8   |
| 40°   | 606.0   | 633.8   | 646.8   | 625.6   | 572.0   | 534.4   | 523.1   | 519.7   | 523.1   | 532.8   | 568.5   |
| 42.5° | 593.1   | 612.6   | 610.9   | 584.8   | 540.9   | 514.9   | 508.4   | 505.0   | 508.4   | 518.1   | 557.2   |
| 45°   | 581.7   | 594.7   | 581.7   | 550.8   | 510.0   | 496.9   | 498.6   | 496.9   | 500.1   | 510.0   | 547.4   |
| 47.5° | 572.0   | 576.7   | 560.5   | 529.6   | 487.2   | 483.8   | 490.5   | 495.2   | 498.6   | 506.7   | 545.8   |
| 50°   | 557.2   | 557.2   | 542.5   | 510.0   | 467.6   | 469.3   | 477.4   | 488.8   | 490.5   | 500.1   | 531.2   |
| 52.5° | 539.3   | 537.6   | 527.8   | 496.9   | 451.3   | 456.2   | 456.2   | 469.3   | 472.5   | 483.8   | 516.4   |
| 55°   | 524.6   | 521.3   | 516.4   | 487.2   | 436.7   | 444.8   | 439.9   | 444.8   | 452.9   | 464.3   | 500.1   |
| 57.5° | 511.6   | 505.0   | 505.0   | 478.9   | 425.3   | 428.5   | 417.2   | 423.6   | 433.4   | 443.1   | 480.7   |
| 60°   | 498.6   | 492.0   | 495.2   | 467.6   | 407.3   | 404.1   | 399.1   | 412.2   | 415.5   | 426.9   | 464.3   |
| 62.5° | 483.8   | 478.9   | 480.7   | 454.5   | 394.3   | 386.1   | 386.1   | 397.5   | 399.1   | 415.5   | 451.3   |
| 65°   | 472.5   | 466.0   | 464.3   | 441.5   | 379.7   | 369.8   | 374.8   | 379.7   | 382.9   | 399.1   | 433.4   |
| 67.5° | 461.1   | 448.1   | 448.1   | 430.1   | 363.4   | 353.6   | 363.4   | 361.7   | 366.6   | 381.2   | 409.0   |
| 70°   | 446.4   | 428.5   | 430.1   | 421.9   | 347.0   | 335.6   | 343.8   | 342.2   | 345.4   | 355.2   | 382.9   |
| 72.5° | 423.6   | 409.0   | 412.2   | 409.0   | 330.8   | 314.4   | 317.7   | 317.7   | 317.7   | 325.8   | 355.2   |
| 75°   | 394.3   | 382.9   | 392.6   | 400.9   | 311.3   | 288.4   | 291.6   | 291.6   | 286.7   | 291.6   | 327.5   |
| 77.5° | 358.5   | 352.0   | 384.6   | 373.1   | 288.4   | 260.7   | 260.7   | 257.5   | 247.7   | 254.2   | 293.2   |
| 80°   | 319.3   | 314.4   | 355.2   | 312.8   | 262.3   | 226.5   | 223.1   | 215.1   | 205.4   | 210.2   | 249.3   |
| 82.5° | 278.7   | 273.8   | 298.1   | 239.5   | 226.5   | 187.3   | 179.2   | 164.6   | 154.8   | 159.7   | 195.6   |
| 85°   | 228.1   | 228.1   | 229.7   | 180.9   | 172.7   | 143.4   | 133.6   | 114.1   | 102.6   | 105.9   | 140.1   |
| 87.5° | 163.0   | 167.9   | 154.8   | 123.8   | 102.6   | 79.8    | 73.3    | 62.0    | 52.1    | 60.2    | 73.3    |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P268930

CATALOG NUMBER: GAN-AF-10-LED-U-SLL-7027-600

**CANDELA DISTRIBUTION (continued):**

|       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 | 10013.5 |
| 2.5°  | 8607.5  | 8786.7  | 8990.3  | 9251.0  | 9474.2  | 9840.8  | 10192.8 | 10404.6 |
| 5°    | 6435.6  | 6733.9  | 7105.4  | 7582.8  | 8027.4  | 8695.6  | 9358.6  | 9783.8  |
| 7.5°  | 4606.0  | 4925.3  | 5326.1  | 5922.4  | 6551.3  | 7403.6  | 8279.9  | 8788.4  |
| 10°   | 3810.9  | 4138.4  | 4475.6  | 4878.1  | 5393.0  | 6319.9  | 7356.2  | 7929.7  |
| 12.5° | 3152.6  | 3503.0  | 3866.2  | 4289.9  | 4767.2  | 5595.0  | 6789.2  | 7449.0  |
| 15°   | 2412.9  | 2804.0  | 3232.6  | 3768.5  | 4366.5  | 5322.8  | 6649.2  | 7366.0  |
| 17.5° | 1653.7  | 2090.4  | 2616.7  | 3278.2  | 4009.7  | 5235.0  | 6900.1  | 7726.1  |
| 20°   | 1139.0  | 1456.6  | 2018.8  | 2794.2  | 3674.1  | 5223.5  | 7382.4  | 8416.8  |
| 22.5° | 953.1   | 1094.9  | 1505.5  | 2349.4  | 3421.6  | 5363.6  | 8130.1  | 9386.3  |
| 25°   | 881.4   | 966.1   | 1202.4  | 1963.2  | 3237.4  | 5686.2  | 9159.8  | 10640.9 |
| 27.5° | 839.0   | 915.6   | 1091.6  | 1710.7  | 3092.3  | 6061.0  | 10161.8 | 11856.3 |
| 30°   | 855.4   | 933.6   | 1060.7  | 1582.1  | 2895.2  | 6373.7  | 11051.4 | 12804.5 |
| 32.5° | 770.7   | 804.9   | 909.2   | 1468.0  | 2753.5  | 6636.0  | 11830.1 | 13589.9 |
| 35°   | 656.7   | 716.8   | 811.3   | 1414.2  | 2756.8  | 6812.0  | 12679.0 | 14593.4 |
| 37.5° | 625.6   | 685.9   | 754.3   | 1394.7  | 2794.2  | 6999.5  | 13653.3 | 15769.8 |
| 40°   | 606.0   | 661.5   | 720.1   | 1383.3  | 2830.1  | 7170.5  | 14608.1 | 16933.1 |
| 42.5° | 593.1   | 643.5   | 716.8   | 1344.1  | 2847.9  | 7323.6  | 15393.4 | 17922.2 |
| 45°   | 591.4   | 643.5   | 730.0   | 1305.1  | 2875.7  | 7488.2  | 16051.8 | 18653.7 |
| 47.5° | 593.1   | 664.7   | 705.4   | 1257.7  | 2875.7  | 7763.5  | 16823.9 | 19307.0 |
| 50°   | 586.6   | 700.6   | 679.4   | 1191.1  | 2808.9  | 8284.9  | 17883.0 | 20182.0 |
| 52.5° | 583.3   | 695.6   | 629.0   | 1088.3  | 2693.2  | 9112.5  | 19240.2 | 21387.6 |
| 55°   | 575.2   | 671.3   | 593.1   | 935.2   | 2558.0  | 10015.3 | 20693.5 | 22813.3 |
| 57.5° | 567.0   | 594.7   | 573.5   | 801.6   | 2349.4  | 10650.7 | 21693.9 | 23926.0 |
| 60°   | 635.5   | 519.7   | 557.2   | 736.4   | 2070.9  | 10824.9 | 21654.8 | 24369.2 |
| 62.5° | 588.2   | 487.2   | 536.0   | 721.8   | 1875.3  | 10336.2 | 20654.4 | 24129.7 |
| 65°   | 461.1   | 466.0   | 514.9   | 764.2   | 1823.2  | 9040.9  | 18881.7 | 23023.4 |
| 67.5° | 421.9   | 444.8   | 493.7   | 817.8   | 1828.1  | 7238.9  | 16232.6 | 20613.6 |
| 70°   | 397.5   | 421.9   | 469.3   | 845.7   | 1841.0  | 5396.2  | 12833.8 | 16789.9 |
| 72.5° | 369.8   | 391.0   | 441.5   | 850.4   | 1756.4  | 3920.1  | 9891.3  | 12345.0 |
| 75°   | 337.3   | 356.7   | 402.4   | 741.3   | 1455.0  | 2719.3  | 7566.5  | 8446.3  |
| 77.5° | 299.8   | 314.4   | 353.6   | 572.0   | 1080.2  | 1740.0  | 5679.7  | 6170.1  |
| 80°   | 255.7   | 263.9   | 296.5   | 418.7   | 739.8   | 1088.3  | 4493.5  | 4951.4  |
| 82.5° | 205.4   | 208.5   | 229.7   | 314.4   | 480.7   | 699.1   | 3009.3  | 3434.5  |
| 85°   | 144.9   | 144.9   | 158.0   | 228.1   | 327.5   | 443.1   | 1634.1  | 1811.7  |
| 87.5° | 68.5    | 70.1    | 70.1    | 125.5   | 171.0   | 224.8   | 376.4   | 231.4   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)