

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: P268855

Luminaire Tested: **GAN-AF-09-LED-U-SLR-7027-800**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P268855  
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-09-LED-U-SLR-7027-800  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 32826.6 lumens  
Efficiency: N/A  
Efficacy: 87.8 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

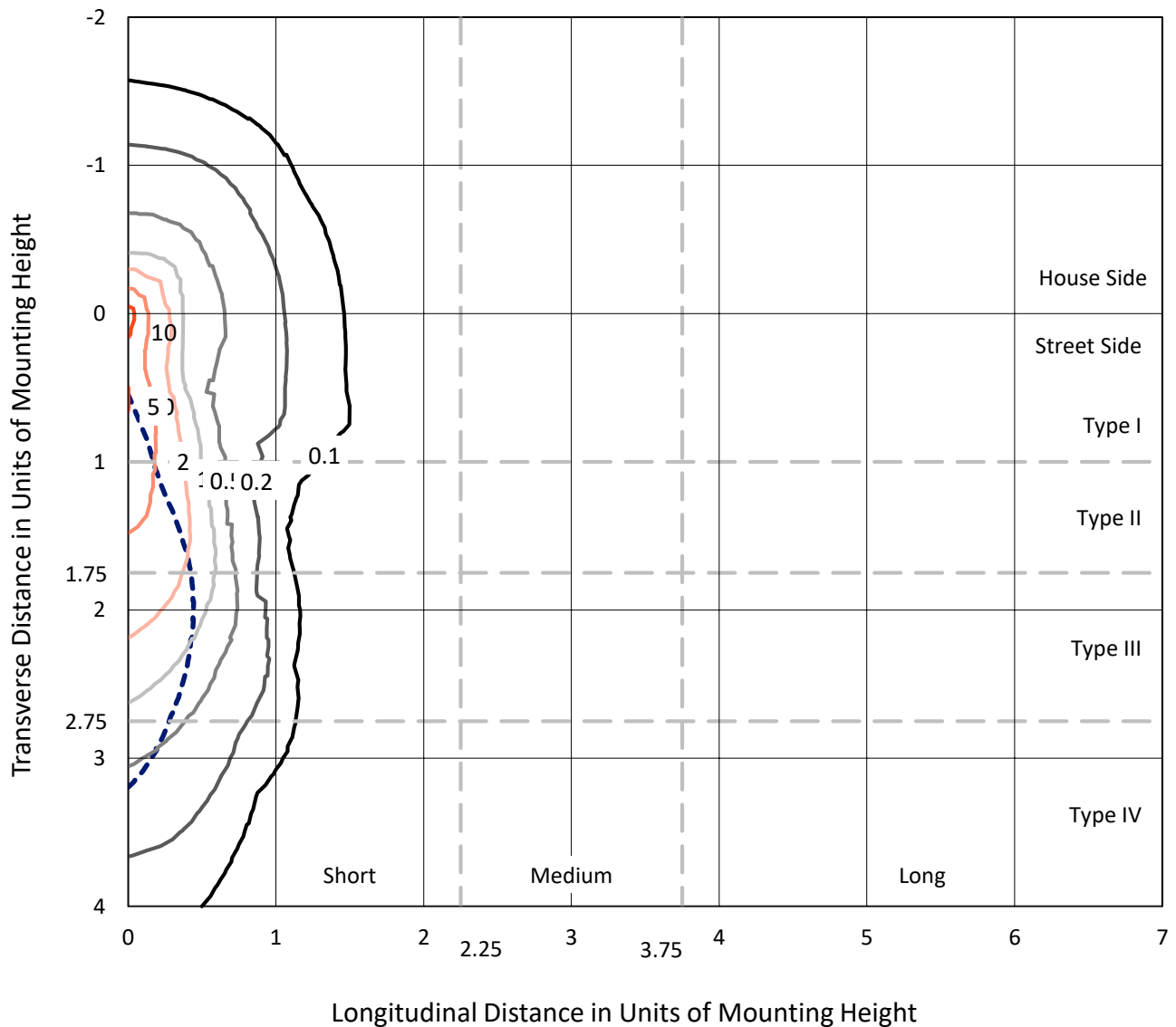
Input Watts (W): 374  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P268855  
 CATALOG NUMBER: GAN-AF-09-LED-U-SLR-7027-800

### Iso-Footcandle Lines of Horizontal Illumination

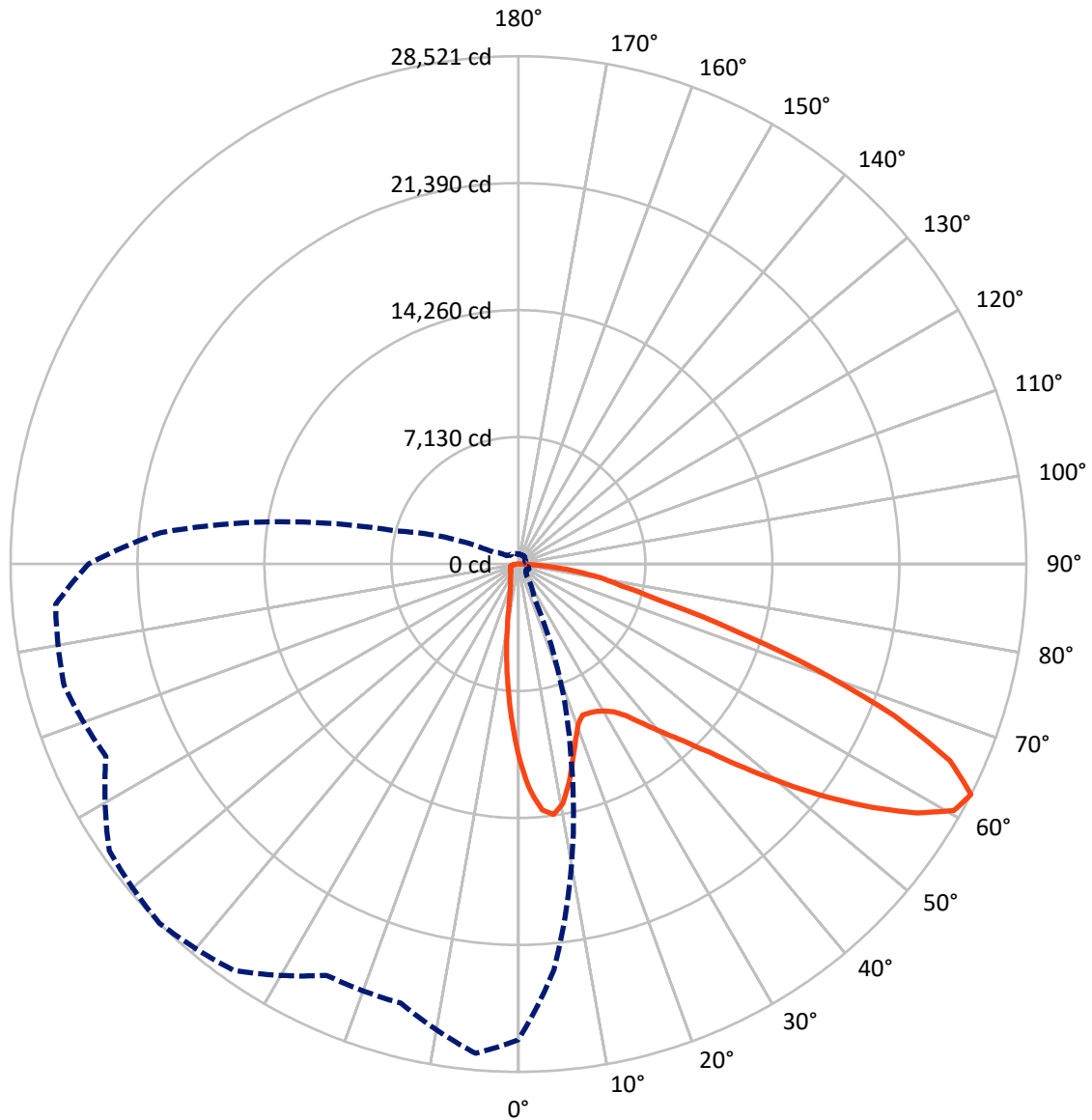
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 12.3 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P268855  
CATALOG NUMBER: GAN-AF-09-LED-U-SLR-7027-800

### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P268855

CATALOG NUMBER: GAN-AF-09-LED-U-SLR-7027-800

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5432.4   | 0.0    | 5432.4  |
|                    | % Fixture | 16.5     | 0.0    | 16.5    |
| <b>Street Side</b> | Lumens    | 27394.3  | 0.0    | 27394.3 |
|                    | % Fixture | 83.5     | 0.0    | 83.5    |
| <b>Total</b>       | Lumens    | 32826.6  | 0.0    | 32826.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 807.3   | 2.5       |
| 10°-20°   | 1480.5  | 4.5       |
| 20°-30°   | 2158.5  | 6.6       |
| 30°-40°   | 3324.4  | 10.1      |
| 40°-50°   | 4892.6  | 14.9      |
| 50°-60°   | 7176.5  | 21.9      |
| 60°-70°   | 8022.3  | 24.4      |
| 70°-80°   | 3927.6  | 12.0      |
| 80°-90°   | 1037.0  | 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°    | 32826.6 | 100.0     |
| 0°-180°   | 32826.6 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P268855

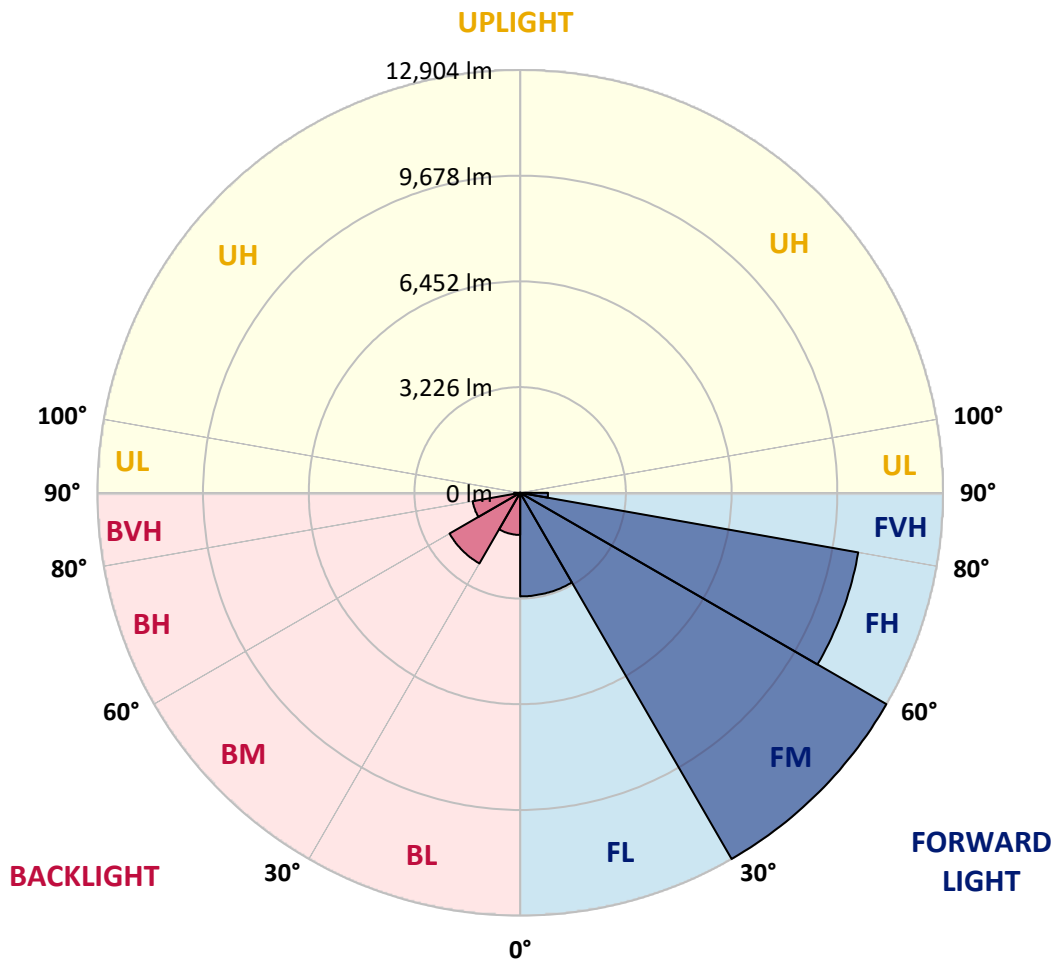
CATALOG NUMBER: GAN-AF-09-LED-U-SLR-7027-800

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

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|----------------|---------|-----------|-------------------------|------|----------|
|                |         |           | B                       | U    | G        |
| FL (0°-30°)    | 3161.1  | 9.6       |                         |      |          |
| FM (30°-60°)   | 12904.4 | 39.3      |                         |      |          |
| FH (60°-80°)   | 10477.1 | 31.9      |                         |      | G4/12000 |
| FVH (80°-90°)  | 851.6   | 2.6       |                         |      | G5       |
| BL (0°-30°)    | 1285.2  | 3.9       | B3/2500                 |      |          |
| BM (30°-60°)   | 2489.1  | 7.6       | B2/2500                 |      |          |
| BH (60°-80°)   | 1472.7  | 4.5       | B3/2500                 |      | G3/2500  |
| BVH (80°-90°)  | 185.4   | 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





REPORT NUMBER: P268855  
 CATALOG NUMBER: GAN-AF-09-LED-U-SLR-7027-800

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 |
| 2.5°  | 11523.6 | 11289.1 | 10899.3 | 10493.3 | 10246.1 | 9957.4  | 9731.8  | 9533.4  | 9136.3  | 9058.7  | 9129.0  |
| 5°    | 10836.2 | 10365.3 | 9630.8  | 8890.9  | 8398.3  | 7869.5  | 7458.1  | 7128.0  | 6624.5  | 6536.0  | 6642.4  |
| 7.5°  | 9733.7  | 9170.5  | 8199.8  | 7256.0  | 6559.5  | 5899.0  | 5455.0  | 5101.4  | 4707.9  | 4538.3  | 4549.1  |
| 10°   | 8782.5  | 8147.4  | 6999.8  | 5973.0  | 5402.8  | 4957.0  | 4583.5  | 4220.7  | 3822.0  | 3560.3  | 3488.2  |
| 12.5° | 8250.3  | 7519.4  | 6196.8  | 5280.1  | 4751.3  | 4282.1  | 3879.7  | 3491.7  | 3065.8  | 2798.8  | 2723.0  |
| 15°   | 8158.2  | 7364.2  | 5895.3  | 4836.1  | 4173.9  | 3580.1  | 3105.6  | 2672.5  | 2234.1  | 2017.5  | 1972.4  |
| 17.5° | 8557.1  | 7642.2  | 5797.9  | 4441.0  | 3630.7  | 2898.0  | 2315.2  | 1831.6  | 1474.3  | 1366.1  | 1357.0  |
| 20°   | 9322.3  | 8176.4  | 5785.4  | 4069.2  | 3094.8  | 2235.8  | 1613.3  | 1261.4  | 1104.3  | 1073.7  | 1075.5  |
| 22.5° | 10395.8 | 9004.6  | 5940.5  | 3789.5  | 2602.1  | 1667.3  | 1212.6  | 1055.7  | 994.3   | 965.4   | 965.4   |
| 25°   | 11785.4 | 10145.0 | 6297.7  | 3585.6  | 2174.4  | 1331.7  | 1070.2  | 976.3   | 918.4   | 898.7   | 902.3   |
| 27.5° | 13131.6 | 11254.9 | 6712.9  | 3425.0  | 1894.7  | 1208.9  | 1014.1  | 929.3   | 878.8   | 859.0   | 868.0   |
| 30°   | 14181.7 | 12240.0 | 7059.3  | 3206.6  | 1752.2  | 1174.8  | 1033.9  | 947.4   | 875.2   | 844.5   | 846.4   |
| 32.5° | 15051.6 | 13102.7 | 7349.8  | 3049.7  | 1625.9  | 1006.9  | 891.5   | 853.5   | 844.5   | 808.5   | 790.4   |
| 35°   | 16163.2 | 14042.8 | 7544.8  | 3053.2  | 1566.4  | 898.7   | 794.0   | 727.2   | 678.5   | 637.0   | 637.0   |
| 37.5° | 17465.9 | 15121.9 | 7752.3  | 3094.8  | 1544.6  | 835.6   | 759.6   | 693.0   | 647.8   | 608.2   | 600.8   |
| 40°   | 18754.5 | 16179.4 | 7941.7  | 3134.5  | 1532.0  | 797.5   | 732.7   | 671.3   | 629.8   | 590.0   | 579.2   |
| 42.5° | 19849.8 | 17049.1 | 8111.3  | 3154.3  | 1488.8  | 794.0   | 712.7   | 656.8   | 617.1   | 573.8   | 563.0   |
| 45°   | 20659.9 | 17778.1 | 8293.6  | 3185.0  | 1445.5  | 808.5   | 712.7   | 655.0   | 606.4   | 564.9   | 554.0   |
| 47.5° | 21383.7 | 18633.5 | 8598.5  | 3185.0  | 1393.1  | 781.3   | 736.3   | 656.8   | 604.5   | 561.3   | 552.2   |
| 50°   | 22352.6 | 19806.5 | 9175.9  | 3111.0  | 1319.2  | 752.5   | 776.0   | 649.7   | 588.3   | 554.0   | 543.1   |
| 52.5° | 23687.9 | 21309.7 | 10092.6 | 2982.9  | 1205.4  | 696.5   | 770.6   | 646.1   | 572.0   | 536.0   | 523.4   |
| 55°   | 25266.9 | 22919.3 | 11092.5 | 2833.2  | 1035.7  | 656.8   | 743.4   | 637.0   | 554.0   | 514.3   | 501.7   |
| 57.5° | 26499.5 | 24027.2 | 11796.2 | 2602.1  | 887.9   | 635.2   | 658.6   | 627.9   | 532.3   | 490.8   | 480.1   |
| 60°   | 26990.2 | 23983.9 | 11989.3 | 2293.6  | 815.7   | 617.1   | 575.6   | 703.7   | 514.3   | 472.8   | 460.1   |
| 62.5° | 26724.9 | 22876.0 | 11447.9 | 2077.1  | 799.4   | 593.7   | 539.5   | 651.5   | 499.8   | 460.1   | 442.1   |
| 65°   | 25499.7 | 20912.6 | 10013.2 | 2019.3  | 846.4   | 570.2   | 516.0   | 510.6   | 480.1   | 442.1   | 424.1   |
| 67.5° | 22830.9 | 17978.5 | 8017.6  | 2024.7  | 905.9   | 546.8   | 492.6   | 467.4   | 452.9   | 422.3   | 406.0   |
| 70°   | 18595.6 | 14214.2 | 5976.6  | 2039.2  | 936.6   | 519.7   | 467.4   | 440.3   | 424.1   | 393.4   | 382.6   |
| 72.5° | 13672.9 | 10955.3 | 4341.7  | 1945.3  | 942.0   | 489.0   | 433.2   | 409.6   | 393.4   | 360.8   | 351.9   |
| 75°   | 9354.7  | 8380.2  | 3011.7  | 1611.4  | 821.1   | 445.6   | 395.2   | 373.5   | 362.7   | 323.0   | 317.6   |
| 77.5° | 6833.8  | 6290.7  | 1927.3  | 1196.5  | 633.3   | 391.7   | 348.3   | 332.1   | 324.7   | 281.4   | 274.3   |
| 80°   | 5484.0  | 4976.9  | 1205.4  | 819.3   | 463.7   | 328.4   | 292.3   | 283.3   | 276.0   | 232.8   | 227.5   |
| 82.5° | 3804.0  | 3332.9  | 774.1   | 532.3   | 348.3   | 254.4   | 231.0   | 227.5   | 216.5   | 176.8   | 171.4   |
| 85°   | 2006.6  | 1809.9  | 490.8   | 362.7   | 252.7   | 175.0   | 160.5   | 160.5   | 155.1   | 117.3   | 113.6   |
| 87.5° | 256.2   | 416.9   | 249.0   | 189.5   | 139.0   | 77.7    | 77.7    | 75.7    | 81.1    | 66.7    | 57.8    |
| 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: P268855  
 CATALOG NUMBER: GAN-AF-09-LED-U-SLR-7027-800

**CANDELA DISTRIBUTION (continued):**

|       | 95°     | 105°    | 115°    | 125°    | 135°    | 145°    | 155°    | 165°    | 175°    | 180°    | 185°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 |
| 2.5°  | 8963.1  | 9049.6  | 8966.7  | 8972.1  | 9064.1  | 9338.4  | 9462.9  | 9565.8  | 9675.9  | 9748.0  | 9780.6  |
| 5°    | 6496.4  | 6698.4  | 6766.9  | 6911.3  | 7124.3  | 7474.3  | 7613.2  | 7714.4  | 7781.1  | 7820.9  | 7837.1  |
| 7.5°  | 4442.7  | 4565.5  | 4702.5  | 4935.4  | 5399.2  | 5604.9  | 5697.0  | 5673.4  | 5597.6  | 5570.6  | 5543.5  |
| 10°   | 3349.2  | 3300.5  | 3275.2  | 3403.3  | 3778.7  | 3986.1  | 4051.1  | 3987.9  | 3946.6  | 3955.4  | 4000.6  |
| 12.5° | 2594.9  | 2510.1  | 2407.3  | 2392.7  | 2639.9  | 2825.9  | 2867.4  | 2871.1  | 2946.8  | 3013.5  | 3112.7  |
| 15°   | 1891.1  | 1882.0  | 1831.6  | 1800.9  | 1941.6  | 2093.2  | 2111.2  | 2143.7  | 2212.3  | 2261.0  | 2347.7  |
| 17.5° | 1333.5  | 1382.2  | 1421.9  | 1441.8  | 1548.3  | 1656.6  | 1636.7  | 1620.5  | 1607.8  | 1607.8  | 1649.4  |
| 20°   | 1075.5  | 1108.0  | 1158.5  | 1216.2  | 1324.6  | 1400.3  | 1351.6  | 1286.6  | 1239.8  | 1225.3  | 1230.7  |
| 22.5° | 969.0   | 994.3   | 1023.2  | 1073.7  | 1171.1  | 1223.5  | 1171.1  | 1124.1  | 1077.2  | 1061.1  | 1055.7  |
| 25°   | 915.0   | 947.4   | 974.4   | 1012.3  | 1084.6  | 1120.6  | 1070.2  | 1035.7  | 1006.9  | 987.1   | 972.7   |
| 27.5° | 884.2   | 913.0   | 920.4   | 938.4   | 999.8   | 1032.2  | 1006.9  | 992.4   | 974.4   | 956.3   | 938.4   |
| 30°   | 851.8   | 846.4   | 833.6   | 835.6   | 884.2   | 916.7   | 915.0   | 918.4   | 916.7   | 911.3   | 907.6   |
| 32.5° | 777.8   | 767.0   | 756.2   | 767.0   | 812.1   | 841.0   | 842.7   | 849.9   | 849.9   | 848.1   | 862.6   |
| 35°   | 647.8   | 667.7   | 680.2   | 712.7   | 767.0   | 792.1   | 781.3   | 763.3   | 730.9   | 711.0   | 709.2   |
| 37.5° | 599.1   | 602.8   | 624.3   | 669.4   | 729.1   | 752.5   | 736.3   | 694.7   | 673.1   | 669.4   | 674.8   |
| 40°   | 575.6   | 579.2   | 592.0   | 633.3   | 693.0   | 716.4   | 701.9   | 671.3   | 651.5   | 649.7   | 658.6   |
| 42.5° | 559.5   | 563.0   | 570.2   | 599.1   | 647.8   | 676.8   | 678.5   | 656.8   | 633.3   | 635.2   | 644.3   |
| 45°   | 550.4   | 552.2   | 550.4   | 564.9   | 609.9   | 644.3   | 658.6   | 644.3   | 624.3   | 627.9   | 638.9   |
| 47.5° | 548.5   | 543.1   | 536.0   | 539.5   | 586.5   | 620.8   | 638.9   | 633.3   | 624.3   | 627.9   | 637.0   |
| 50°   | 541.4   | 528.7   | 519.7   | 518.0   | 564.9   | 600.8   | 617.1   | 617.1   | 620.8   | 627.9   | 637.0   |
| 52.5° | 519.7   | 505.2   | 505.2   | 499.8   | 550.4   | 584.6   | 595.4   | 597.4   | 602.8   | 615.3   | 627.9   |
| 55°   | 492.6   | 487.2   | 492.6   | 483.6   | 539.5   | 572.0   | 577.4   | 581.1   | 584.6   | 595.4   | 613.5   |
| 57.5° | 469.2   | 462.0   | 474.6   | 471.0   | 530.4   | 559.5   | 559.5   | 566.7   | 566.7   | 581.1   | 595.4   |
| 60°   | 456.6   | 442.1   | 447.5   | 451.0   | 518.0   | 548.5   | 544.9   | 552.2   | 555.8   | 568.4   | 579.2   |
| 62.5° | 440.3   | 427.7   | 427.7   | 436.7   | 503.5   | 532.3   | 530.4   | 536.0   | 550.4   | 554.0   | 564.9   |
| 65°   | 420.4   | 415.0   | 409.6   | 420.4   | 489.0   | 514.3   | 516.0   | 523.4   | 536.0   | 539.5   | 548.5   |
| 67.5° | 400.6   | 402.4   | 391.7   | 402.4   | 476.5   | 496.3   | 496.3   | 510.6   | 516.0   | 523.4   | 532.3   |
| 70°   | 378.9   | 380.7   | 371.7   | 384.4   | 467.4   | 476.5   | 474.6   | 494.4   | 498.0   | 503.5   | 512.6   |
| 72.5° | 351.9   | 351.9   | 348.3   | 366.2   | 452.9   | 456.6   | 452.9   | 469.2   | 471.0   | 476.5   | 480.1   |
| 75°   | 323.0   | 323.0   | 319.3   | 344.7   | 443.9   | 434.9   | 424.1   | 436.7   | 440.3   | 443.9   | 443.9   |
| 77.5° | 285.1   | 288.7   | 288.7   | 319.3   | 413.2   | 425.8   | 389.8   | 397.1   | 402.4   | 404.1   | 398.8   |
| 80°   | 238.2   | 247.3   | 250.8   | 290.5   | 346.4   | 393.4   | 348.3   | 353.8   | 355.5   | 355.5   | 348.3   |
| 82.5° | 182.3   | 198.4   | 207.5   | 250.8   | 265.3   | 330.2   | 303.2   | 308.6   | 303.2   | 292.3   | 288.7   |
| 85°   | 126.3   | 148.0   | 158.8   | 191.2   | 200.3   | 254.4   | 252.7   | 252.7   | 241.9   | 227.5   | 225.6   |
| 87.5° | 68.6    | 81.1    | 88.5    | 113.6   | 137.1   | 171.4   | 185.9   | 180.5   | 171.4   | 162.5   | 164.2   |
| 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: P268855  
 CATALOG NUMBER: GAN-AF-09-LED-U-SLR-7027-800

**CANDELA DISTRIBUTION (continued):**

|       | 195°    | 205°    | 215°    | 225°    | 235°    | 245°    | 255°    | 265°    | 270°    | 275°    | 285°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 |
| 2.5°  | 9950.2  | 10195.6 | 10587.2 | 10886.6 | 11188.0 | 11478.6 | 11792.6 | 12032.5 | 12236.5 | 12315.9 | 12557.6 |
| 5°    | 8001.3  | 8308.1  | 8677.9  | 9345.6  | 9818.5  | 10339.9 | 10942.7 | 11740.2 | 12047.0 | 12471.1 | 13165.7 |
| 7.5°  | 5657.2  | 5935.1  | 6530.6  | 7070.1  | 7739.5  | 8477.7  | 9291.4  | 10392.2 | 10794.7 | 11474.9 | 12606.5 |
| 10°   | 4224.4  | 4547.4  | 5025.6  | 5480.3  | 6070.4  | 6824.8  | 7759.5  | 8990.1  | 9479.2  | 10217.2 | 11520.0 |
| 12.5° | 3403.3  | 3784.1  | 4291.2  | 4718.8  | 5175.3  | 5707.7  | 6615.4  | 7965.2  | 8620.2  | 9266.2  | 10583.6 |
| 15°   | 2614.7  | 3013.5  | 3484.5  | 4027.7  | 4531.2  | 5105.0  | 6056.0  | 7532.1  | 8286.3  | 8959.4  | 10083.7 |
| 17.5° | 1809.9  | 2151.0  | 2744.7  | 3311.3  | 3955.4  | 4690.0  | 5900.7  | 7624.2  | 8524.6  | 9300.5  | 10170.3 |
| 20°   | 1283.0  | 1477.9  | 1965.1  | 2622.0  | 3425.0  | 4347.1  | 5872.0  | 8107.7  | 9278.9  | 10165.0 | 10726.1 |
| 22.5° | 1079.1  | 1151.3  | 1434.7  | 2037.3  | 2964.9  | 4090.8  | 5973.0  | 8786.2  | 10296.6 | 11428.1 | 11612.1 |
| 25°   | 983.5   | 1026.8  | 1174.8  | 1598.9  | 2555.1  | 3905.0  | 6314.0  | 9796.7  | 11556.2 | 12691.3 | 12658.7 |
| 27.5° | 931.2   | 976.3   | 1073.7  | 1349.9  | 2246.7  | 3789.5  | 6655.2  | 10995.0 | 12996.1 | 14062.6 | 13658.4 |
| 30°   | 915.0   | 976.3   | 1079.1  | 1272.2  | 2026.4  | 3607.2  | 6934.7  | 12047.0 | 14104.2 | 14988.4 | 14113.2 |
| 32.5° | 902.3   | 911.3   | 958.2   | 1097.2  | 1817.1  | 3394.3  | 7124.3  | 12990.7 | 15188.7 | 15869.0 | 14768.2 |
| 35°   | 729.1   | 774.1   | 849.9   | 983.5   | 1694.5  | 3266.1  | 7124.3  | 13804.7 | 16256.9 | 16758.6 | 15392.5 |
| 37.5° | 701.9   | 741.7   | 808.5   | 922.1   | 1625.9  | 3203.0  | 6981.6  | 14589.6 | 17348.6 | 17767.3 | 15906.8 |
| 40°   | 687.6   | 720.0   | 783.1   | 875.2   | 1596.9  | 3130.9  | 6774.2  | 15282.5 | 18415.2 | 18777.9 | 16386.9 |
| 42.5° | 676.8   | 705.6   | 765.1   | 846.4   | 1559.1  | 3051.5  | 6606.3  | 15838.2 | 19340.9 | 19640.5 | 16845.2 |
| 45°   | 671.3   | 701.9   | 767.0   | 860.8   | 1483.3  | 2946.8  | 6550.4  | 16439.3 | 20102.5 | 20360.4 | 17341.5 |
| 47.5° | 671.3   | 707.3   | 776.0   | 891.5   | 1393.1  | 2838.6  | 6725.5  | 17231.4 | 20822.4 | 20948.7 | 17926.1 |
| 50°   | 665.9   | 705.6   | 801.2   | 860.8   | 1261.4  | 2701.4  | 7136.9  | 18229.2 | 21601.9 | 21616.4 | 18666.1 |
| 52.5° | 655.0   | 701.9   | 862.6   | 842.7   | 1109.8  | 2521.0  | 7692.6  | 19510.5 | 22755.1 | 22841.7 | 19824.4 |
| 55°   | 642.4   | 696.5   | 846.4   | 801.2   | 985.4   | 2306.2  | 8147.4  | 21067.8 | 24375.5 | 24615.5 | 21528.1 |
| 57.5° | 626.2   | 689.3   | 819.3   | 743.4   | 904.1   | 2030.1  | 8311.7  | 22208.3 | 25507.0 | 26109.6 | 23448.0 |
| 60°   | 611.7   | 683.9   | 739.8   | 709.2   | 853.5   | 1797.2  | 7994.0  | 21982.8 | 25429.3 | 26728.6 | 25149.7 |
| 62.5° | 597.4   | 689.3   | 674.8   | 687.6   | 830.0   | 1647.5  | 7164.0  | 20176.4 | 24142.7 | 26089.8 | 26411.0 |
| 65°   | 581.1   | 640.6   | 637.0   | 669.4   | 824.6   | 1587.9  | 5938.6  | 17467.8 | 21656.1 | 24070.5 | 26708.8 |
| 67.5° | 559.5   | 592.0   | 609.9   | 646.1   | 842.7   | 1535.7  | 4792.7  | 14409.2 | 18200.4 | 21044.4 | 25156.9 |
| 70°   | 536.0   | 563.0   | 582.9   | 617.1   | 831.9   | 1512.1  | 3986.1  | 11363.1 | 14441.6 | 17247.6 | 22094.6 |
| 72.5° | 505.2   | 528.7   | 546.8   | 579.2   | 821.1   | 1499.6  | 3367.2  | 9150.8  | 10782.0 | 12812.2 | 17964.0 |
| 75°   | 469.2   | 490.8   | 503.5   | 536.0   | 786.7   | 1373.2  | 2647.2  | 7743.2  | 8068.0  | 8912.5  | 14308.1 |
| 77.5° | 427.7   | 443.9   | 454.7   | 490.8   | 696.5   | 1142.3  | 1914.6  | 5973.0  | 6265.3  | 6471.0  | 10969.7 |
| 80°   | 378.9   | 395.2   | 400.6   | 434.9   | 577.4   | 893.3   | 1248.7  | 4412.0  | 4686.4  | 4733.3  | 7164.0  |
| 82.5° | 323.0   | 339.3   | 339.3   | 371.7   | 472.8   | 642.4   | 819.3   | 3022.5  | 3076.8  | 3235.5  | 5063.4  |
| 85°   | 259.9   | 272.5   | 272.5   | 288.7   | 366.2   | 480.1   | 563.0   | 1517.5  | 1501.3  | 1714.2  | 4386.9  |
| 87.5° | 185.9   | 194.9   | 203.9   | 207.5   | 261.6   | 317.6   | 339.3   | 462.0   | 305.0   | 350.1   | 2816.8  |
| 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: P268855

CATALOG NUMBER: GAN-AF-09-LED-U-SLR-7027-800

**CANDELA DISTRIBUTION (continued):**

|       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 | 11090.7 |
| 2.5°  | 12739.9 | 12842.8 | 12738.1 | 12662.4 | 12335.7 | 12066.8 | 11707.8 | 11523.6 |
| 5°    | 13694.5 | 13956.2 | 13867.8 | 13550.2 | 12868.1 | 12101.2 | 11229.5 | 10836.2 |
| 7.5°  | 13579.0 | 14187.1 | 14201.7 | 13608.0 | 12602.9 | 11473.2 | 10293.0 | 9733.7  |
| 10°   | 12680.4 | 13458.1 | 13680.1 | 13104.5 | 12037.9 | 10774.8 | 9421.5  | 8782.5  |
| 12.5° | 11677.1 | 12438.7 | 12608.3 | 12409.7 | 11518.2 | 10249.8 | 8876.4  | 8250.3  |
| 15°   | 10855.9 | 11197.1 | 11399.2 | 11572.4 | 11072.6 | 10040.4 | 8845.8  | 8158.2  |
| 17.5° | 10356.2 | 10318.3 | 10376.1 | 10677.3 | 10762.1 | 10280.4 | 9315.0  | 8557.1  |
| 20°   | 10175.7 | 9596.5  | 9582.0  | 9997.1  | 10616.0 | 10852.5 | 10231.6 | 9322.3  |
| 22.5° | 10275.0 | 9336.7  | 9217.5  | 9710.1  | 10693.7 | 11677.1 | 11433.4 | 10395.8 |
| 25°   | 10617.8 | 9358.3  | 9262.7  | 9739.1  | 10975.1 | 12555.9 | 12730.9 | 11785.4 |
| 27.5° | 11157.4 | 9495.4  | 9369.1  | 9858.1  | 11348.6 | 13293.9 | 14008.4 | 13131.6 |
| 30°   | 11669.8 | 9733.7  | 9576.7  | 10092.6 | 11689.7 | 13586.2 | 14791.8 | 14181.7 |
| 32.5° | 12292.3 | 10179.4 | 9903.3  | 10524.0 | 12111.9 | 14051.8 | 15490.1 | 15051.6 |
| 35°   | 12902.4 | 10814.5 | 10471.6 | 11189.8 | 12583.0 | 14631.1 | 16287.6 | 16163.2 |
| 37.5° | 13571.9 | 11644.5 | 11361.3 | 12050.7 | 13227.2 | 15177.9 | 17305.4 | 17465.9 |
| 40°   | 14286.5 | 12745.3 | 12409.7 | 13306.6 | 14226.8 | 15863.6 | 18368.3 | 18754.5 |
| 42.5° | 15006.5 | 13966.9 | 13566.5 | 14475.8 | 15325.9 | 16540.2 | 19277.7 | 19849.8 |
| 45°   | 15831.1 | 15293.4 | 15103.8 | 16087.3 | 16381.5 | 17184.4 | 19949.0 | 20659.9 |
| 47.5° | 16791.1 | 16798.3 | 17103.3 | 17496.6 | 17446.2 | 17913.6 | 20623.8 | 21383.7 |
| 50°   | 17911.8 | 18676.8 | 19349.9 | 19611.5 | 18543.4 | 18696.7 | 21560.5 | 22352.6 |
| 52.5° | 19257.9 | 20923.4 | 21757.2 | 21585.7 | 19725.3 | 19653.1 | 23043.9 | 23687.9 |
| 55°   | 20941.5 | 23301.9 | 24130.1 | 24007.5 | 21084.1 | 20955.9 | 24891.7 | 25266.9 |
| 57.5° | 22890.4 | 25606.1 | 26367.7 | 25815.5 | 22715.4 | 22385.1 | 26420.1 | 26499.5 |
| 60°   | 24602.9 | 27432.4 | 28100.1 | 27488.3 | 24361.0 | 23906.4 | 27374.6 | 26990.2 |
| 62.5° | 25555.6 | 28051.4 | 28520.5 | 27861.8 | 25488.9 | 25526.7 | 27584.0 | 26724.9 |
| 65°   | 25129.7 | 26486.9 | 26638.3 | 26584.3 | 25198.4 | 26466.9 | 26831.5 | 25499.7 |
| 67.5° | 22798.4 | 22531.3 | 22785.7 | 23137.6 | 22708.2 | 25229.1 | 24747.2 | 22830.9 |
| 70°   | 18691.3 | 17224.2 | 17731.3 | 17967.7 | 18162.6 | 21710.2 | 21479.3 | 18595.6 |
| 72.5° | 14086.1 | 12066.8 | 12467.4 | 12418.7 | 13321.0 | 17413.6 | 16704.5 | 13672.9 |
| 75°   | 9980.8  | 8181.8  | 8232.2  | 8212.3  | 9295.1  | 13624.1 | 12095.7 | 9354.7  |
| 77.5° | 6983.6  | 5927.8  | 5955.0  | 6066.9  | 6249.1  | 10275.0 | 8641.9  | 6833.8  |
| 80°   | 4801.8  | 4498.7  | 4648.5  | 4657.5  | 4330.9  | 6902.2  | 6384.4  | 5484.0  |
| 82.5° | 3576.5  | 3127.2  | 3091.2  | 3143.4  | 3394.3  | 5592.2  | 4906.5  | 3804.0  |
| 85°   | 2928.7  | 1851.4  | 1488.8  | 1865.9  | 3008.2  | 5538.1  | 3259.1  | 2006.6  |
| 87.5° | 1649.4  | 878.8   | 397.1   | 736.3   | 1200.0  | 3666.8  | 942.0   | 256.2   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)