

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: P193051

Luminaire Tested: **GAN-AF-03-LED-U-SLR-7030-600**

Issue Date: 3/3/2020

#### Test Information

Test Method: LM-79-08  
Report Number: P193051  
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-03-LED-U-SLR-7030-600  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 3000K, 615mA 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: 10176.4 lumens  
Efficiency: N/A  
Efficacy: 106.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G3

Input Watts (W): 96  
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

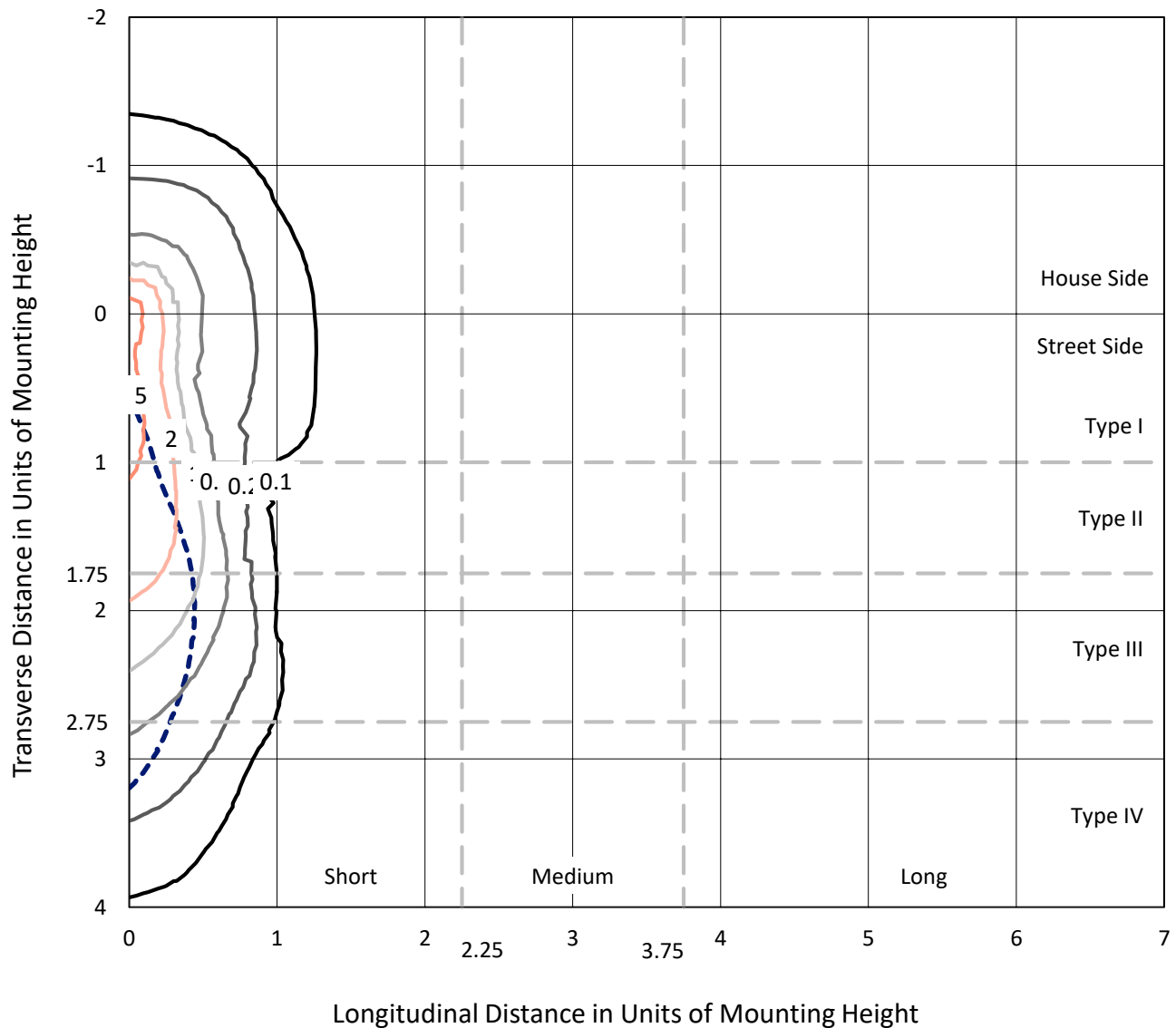


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd

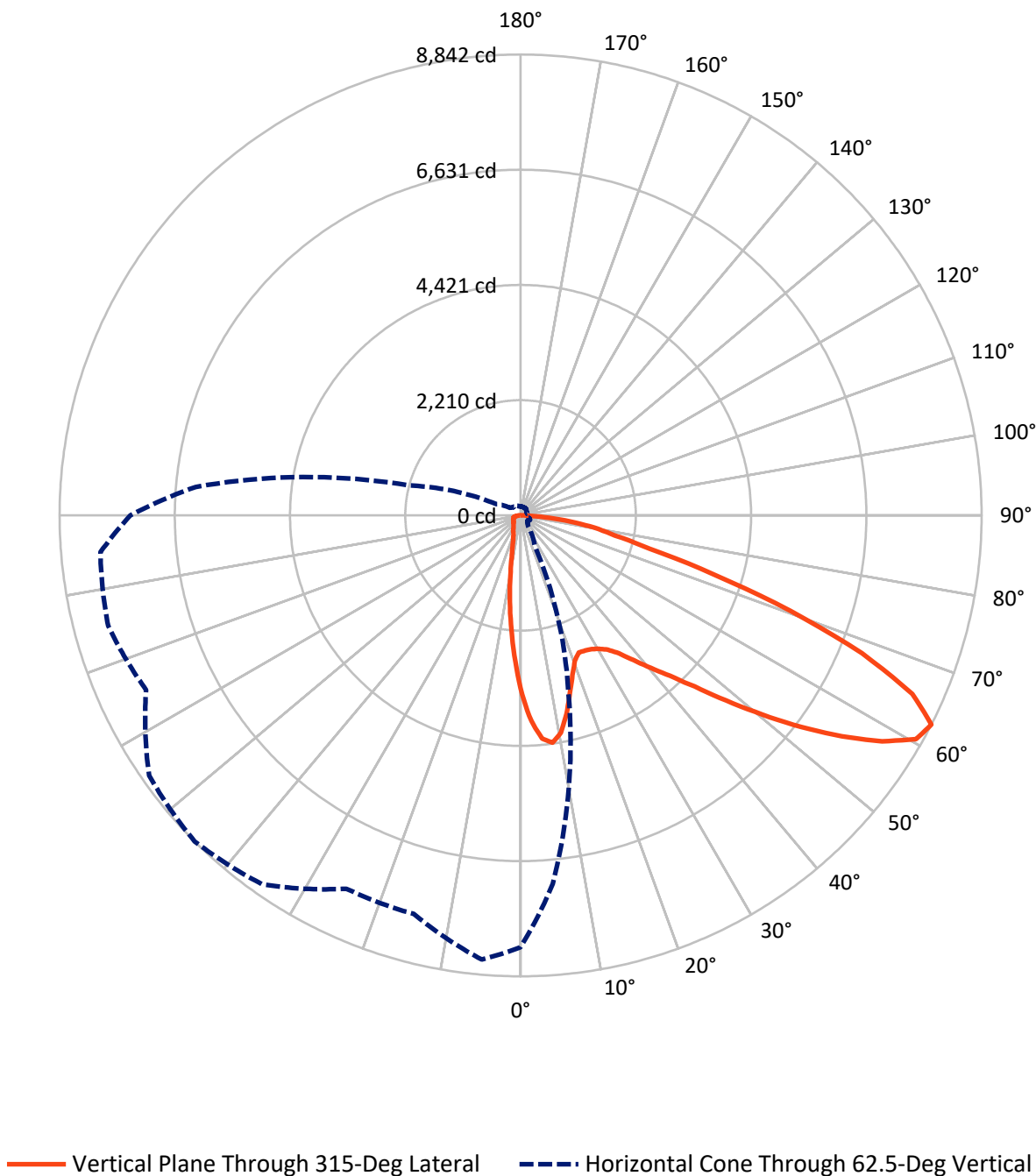


Based on 20 foot mounting height. Maximum calculated value = 8.6 fc  
Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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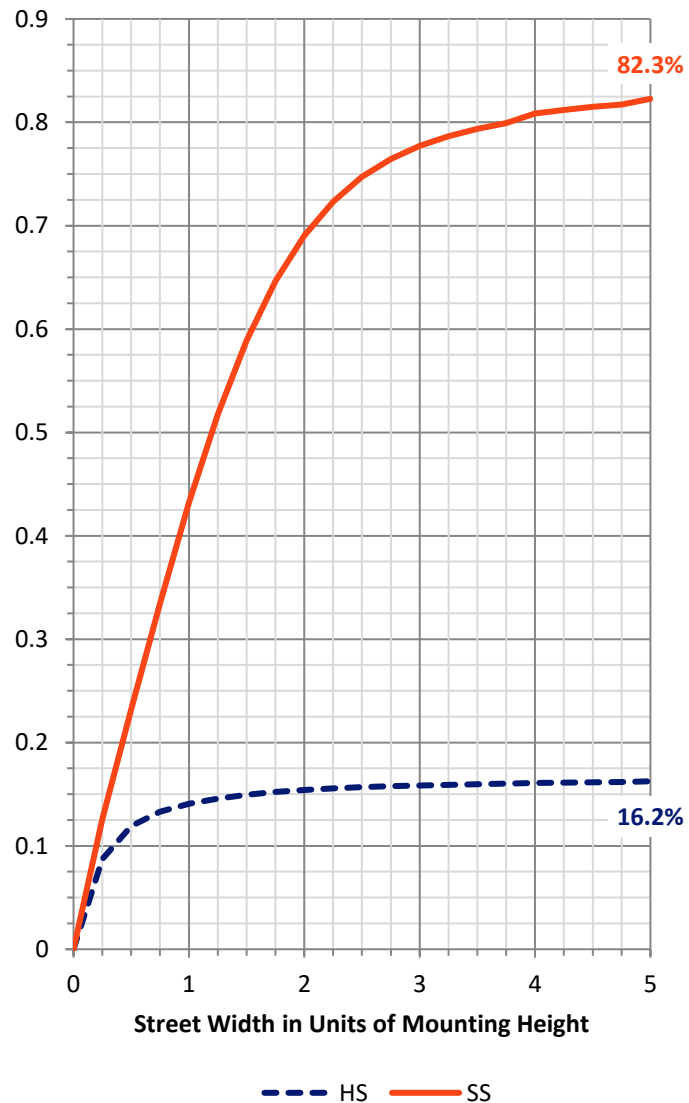
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1684.1   | 0.0    | 1684.1  |
|                    | % Fixture | 16.5     | 0.0    | 16.5    |
| <b>Street Side</b> | Lumens    | 8492.3   | 0.0    | 8492.3  |
|                    | % Fixture | 83.5     | 0.0    | 83.5    |
| <b>Total</b>       | Lumens    | 10176.4  | 0.0    | 10176.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 250.3   | 2.5       |
| 10°-20°   | 458.9   | 4.5       |
| 20°-30°   | 669.1   | 6.6       |
| 30°-40°   | 1030.6  | 10.1      |
| 40°-50°   | 1516.7  | 14.9      |
| 50°-60°   | 2224.7  | 21.9      |
| 60°-70°   | 2486.9  | 24.4      |
| 70°-80°   | 1217.6  | 12.0      |
| 80°-90°   | 321.5   | 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°    | 10176.4 | 100.0     |
| 0°-180°   | 10176.4 | 100.0     |

**Coefficient of Utilization**



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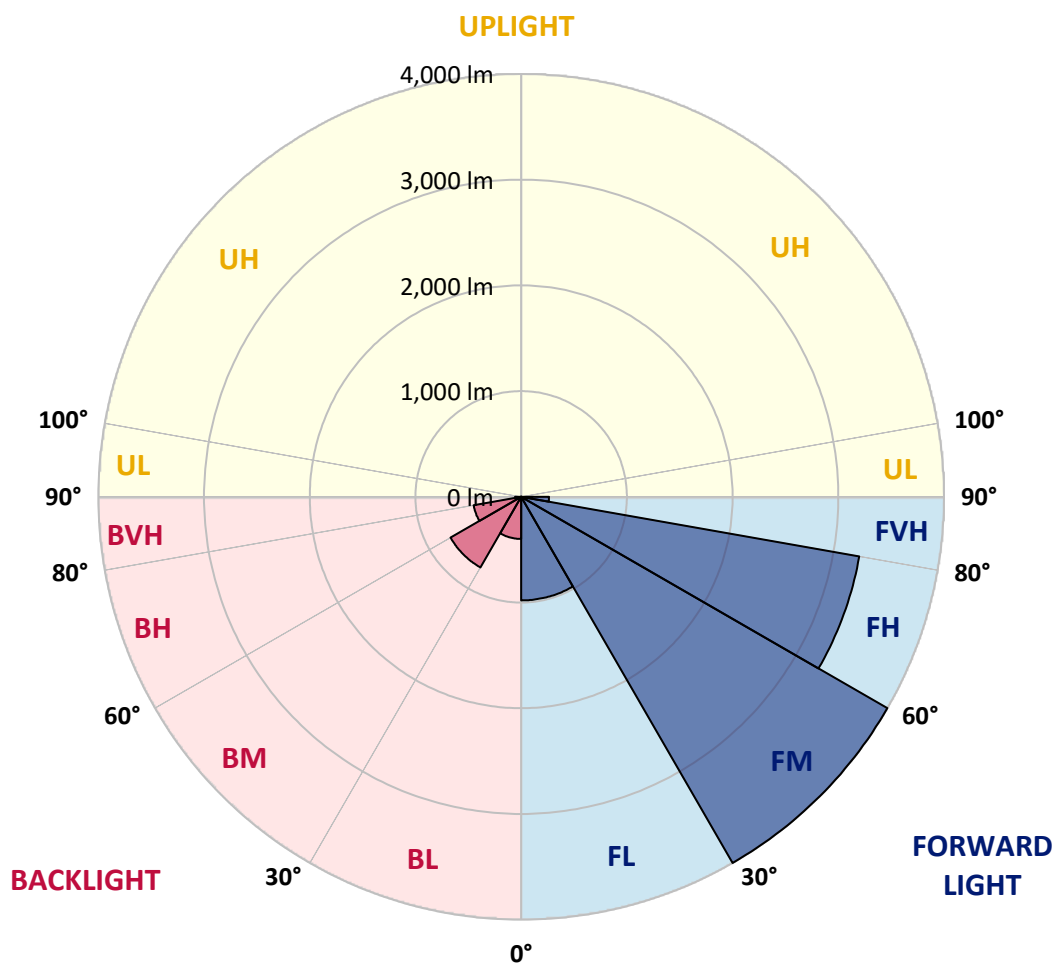
CATALOG NUMBER: GAN-AF-03-LED-U-SLR-7030-600

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 980.0  | 9.6       |                         |      |         |
| FM   | (30°-60°)   | 4000.4 | 39.3      |                         |      |         |
| FH   | (60°-80°)   | 3248.0 | 31.9      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 264.0  | 2.6       |                         |      | G3/500  |
| BL   | (0°-30°)    | 398.4  | 3.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 771.6  | 7.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 456.5  | 4.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 57.5   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 |
| 2.5°  | 3572.4 | 3499.7 | 3378.9 | 3252.9 | 3176.3 | 3086.8 | 3016.8 | 2955.4 | 2832.3 | 2808.3 | 2830.1 |
| 5°    | 3359.2 | 3213.2 | 2985.6 | 2756.2 | 2603.5 | 2439.5 | 2312.0 | 2209.7 | 2053.6 | 2026.2 | 2059.2 |
| 7.5°  | 3017.4 | 2842.9 | 2541.9 | 2249.4 | 2033.5 | 1828.7 | 1691.2 | 1581.4 | 1459.4 | 1406.9 | 1410.3 |
| 10°   | 2722.6 | 2525.7 | 2170.0 | 1851.6 | 1674.8 | 1536.7 | 1420.9 | 1308.5 | 1184.8 | 1103.7 | 1081.3 |
| 12.5° | 2557.6 | 2331.0 | 1921.0 | 1636.8 | 1473.0 | 1327.5 | 1202.7 | 1082.4 | 950.4  | 867.6  | 844.1  |
| 15°   | 2529.2 | 2283.0 | 1827.6 | 1499.2 | 1293.9 | 1109.8 | 962.8  | 828.5  | 692.6  | 625.4  | 611.5  |
| 17.5° | 2652.7 | 2369.1 | 1797.5 | 1376.6 | 1125.6 | 898.4  | 717.8  | 567.8  | 457.0  | 423.5  | 420.6  |
| 20°   | 2889.9 | 2534.7 | 1793.5 | 1261.5 | 959.4  | 693.1  | 500.1  | 391.0  | 342.3  | 332.8  | 333.5  |
| 22.5° | 3222.7 | 2791.5 | 1841.6 | 1174.7 | 806.7  | 516.9  | 376.0  | 327.2  | 308.2  | 299.3  | 299.3  |
| 25°   | 3653.5 | 3145.0 | 1952.4 | 1111.6 | 674.1  | 412.9  | 331.7  | 302.6  | 284.7  | 278.6  | 279.7  |
| 27.5° | 4070.8 | 3489.0 | 2081.1 | 1061.8 | 587.4  | 374.8  | 314.3  | 288.1  | 272.4  | 266.3  | 269.1  |
| 30°   | 4396.4 | 3794.5 | 2188.5 | 994.0  | 543.2  | 364.2  | 320.5  | 293.7  | 271.3  | 261.7  | 262.3  |
| 32.5° | 4666.0 | 4061.9 | 2278.5 | 945.4  | 504.0  | 312.2  | 276.3  | 264.6  | 261.7  | 250.6  | 245.1  |
| 35°   | 5010.6 | 4353.3 | 2338.9 | 946.5  | 485.5  | 278.6  | 246.2  | 225.4  | 210.4  | 197.4  | 197.4  |
| 37.5° | 5414.6 | 4687.9 | 2403.2 | 959.4  | 478.9  | 259.1  | 235.6  | 214.8  | 200.8  | 188.5  | 186.3  |
| 40°   | 5813.9 | 5015.6 | 2461.9 | 971.7  | 474.9  | 247.3  | 227.2  | 208.1  | 195.2  | 182.9  | 179.6  |
| 42.5° | 6153.5 | 5285.3 | 2514.6 | 977.9  | 461.5  | 246.2  | 220.9  | 203.7  | 191.3  | 177.9  | 174.5  |
| 45°   | 6404.7 | 5511.4 | 2571.1 | 987.3  | 448.1  | 250.6  | 220.9  | 203.1  | 187.9  | 175.2  | 171.7  |
| 47.5° | 6629.0 | 5776.4 | 2665.6 | 987.3  | 431.9  | 242.2  | 228.3  | 203.7  | 187.4  | 173.9  | 171.2  |
| 50°   | 6929.4 | 6140.1 | 2844.6 | 964.4  | 408.9  | 233.3  | 240.6  | 201.4  | 182.4  | 171.7  | 168.4  |
| 52.5° | 7343.5 | 6606.1 | 3128.7 | 924.7  | 373.6  | 215.9  | 238.8  | 200.3  | 177.3  | 166.2  | 162.2  |
| 55°   | 7832.9 | 7105.1 | 3438.7 | 878.2  | 321.1  | 203.7  | 230.4  | 197.4  | 171.7  | 159.4  | 155.4  |
| 57.5° | 8214.9 | 7448.5 | 3656.9 | 806.7  | 275.3  | 196.8  | 204.2  | 194.7  | 165.0  | 152.2  | 148.8  |
| 60°   | 8367.1 | 7435.1 | 3716.7 | 711.1  | 252.8  | 191.3  | 178.4  | 218.2  | 159.4  | 146.5  | 142.7  |
| 62.5° | 8284.9 | 7091.7 | 3548.8 | 643.9  | 247.8  | 184.0  | 167.2  | 201.9  | 154.9  | 142.7  | 137.0  |
| 65°   | 7905.0 | 6483.0 | 3104.2 | 625.9  | 262.3  | 176.8  | 159.9  | 158.3  | 148.8  | 137.0  | 131.4  |
| 67.5° | 7077.7 | 5573.5 | 2485.4 | 627.7  | 280.8  | 169.5  | 152.8  | 144.9  | 140.4  | 130.9  | 125.8  |
| 70°   | 5764.7 | 4406.4 | 1852.8 | 632.2  | 290.3  | 161.1  | 144.9  | 136.5  | 131.4  | 122.0  | 118.5  |
| 72.5° | 4238.6 | 3396.3 | 1346.0 | 603.0  | 292.0  | 151.7  | 134.3  | 127.0  | 122.0  | 111.9  | 109.0  |
| 75°   | 2900.0 | 2597.8 | 933.6  | 499.6  | 254.6  | 138.2  | 122.5  | 115.9  | 112.4  | 100.1  | 98.5   |
| 77.5° | 2118.5 | 1950.1 | 597.4  | 370.9  | 196.3  | 121.4  | 107.9  | 102.9  | 100.7  | 87.3   | 85.0   |
| 80°   | 1700.1 | 1542.8 | 373.6  | 253.9  | 143.7  | 101.8  | 90.5   | 87.9   | 85.5   | 72.1   | 70.5   |
| 82.5° | 1179.2 | 1033.3 | 240.0  | 165.0  | 107.9  | 78.8   | 71.6   | 70.5   | 67.0   | 54.8   | 53.1   |
| 85°   | 622.0  | 561.0  | 152.2  | 112.4  | 78.3   | 54.3   | 49.8   | 49.8   | 48.1   | 36.4   | 35.3   |
| 87.5° | 79.4   | 129.3  | 77.2   | 58.8   | 43.0   | 24.0   | 24.0   | 23.5   | 25.1   | 20.6   | 17.9   |
| 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):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 |
| 2.5°  | 2778.6 | 2805.4 | 2779.7 | 2781.4 | 2809.9 | 2895.0 | 2933.5 | 2965.4 | 2999.6 | 3021.9 | 3032.1 |
| 5°    | 2013.8 | 2076.6 | 2097.8 | 2142.6 | 2208.5 | 2317.1 | 2360.1 | 2391.4 | 2412.2 | 2424.5 | 2429.5 |
| 7.5°  | 1377.3 | 1415.4 | 1457.8 | 1529.9 | 1673.8 | 1737.5 | 1766.0 | 1758.7 | 1735.2 | 1727.0 | 1718.5 |
| 10°   | 1038.3 | 1023.2 | 1015.3 | 1055.0 | 1171.4 | 1235.7 | 1255.8 | 1236.3 | 1223.4 | 1226.2 | 1240.2 |
| 12.5° | 804.4  | 778.2  | 746.2  | 741.8  | 818.5  | 876.0  | 889.0  | 890.0  | 913.5  | 934.1  | 965.0  |
| 15°   | 586.2  | 583.5  | 567.8  | 558.4  | 601.9  | 648.9  | 654.5  | 664.7  | 685.8  | 700.9  | 727.7  |
| 17.5° | 413.4  | 428.6  | 440.9  | 447.0  | 479.9  | 513.5  | 507.4  | 502.4  | 498.4  | 498.4  | 511.4  |
| 20°   | 333.5  | 343.5  | 359.1  | 377.1  | 410.6  | 434.1  | 419.0  | 398.9  | 384.3  | 379.9  | 381.6  |
| 22.5° | 300.4  | 308.2  | 317.2  | 332.8  | 363.1  | 379.2  | 363.1  | 348.5  | 334.0  | 329.0  | 327.2  |
| 25°   | 283.6  | 293.7  | 302.1  | 313.8  | 336.2  | 347.5  | 331.7  | 321.1  | 312.2  | 306.0  | 301.5  |
| 27.5° | 274.1  | 283.1  | 285.2  | 290.8  | 309.9  | 320.0  | 312.2  | 307.7  | 302.1  | 296.5  | 290.8  |
| 30°   | 264.1  | 262.3  | 258.4  | 259.1  | 274.1  | 284.2  | 283.6  | 284.7  | 284.2  | 282.6  | 281.4  |
| 32.5° | 241.1  | 237.7  | 234.4  | 237.7  | 251.8  | 260.7  | 261.2  | 263.6  | 263.6  | 262.9  | 267.3  |
| 35°   | 200.8  | 206.9  | 210.9  | 220.9  | 237.7  | 245.7  | 242.2  | 236.6  | 226.6  | 220.3  | 219.8  |
| 37.5° | 185.7  | 186.9  | 193.6  | 207.6  | 225.9  | 233.3  | 228.3  | 215.3  | 208.6  | 207.6  | 209.2  |
| 40°   | 178.4  | 179.6  | 183.4  | 196.3  | 214.8  | 222.2  | 217.7  | 208.1  | 201.9  | 201.4  | 204.2  |
| 42.5° | 173.4  | 174.5  | 176.8  | 185.7  | 200.8  | 209.8  | 210.4  | 203.7  | 196.3  | 196.8  | 199.7  |
| 45°   | 170.7  | 171.2  | 170.7  | 175.2  | 189.1  | 199.7  | 204.2  | 199.7  | 193.6  | 194.7  | 198.0  |
| 47.5° | 170.0  | 168.4  | 166.2  | 167.2  | 181.8  | 192.4  | 198.0  | 196.3  | 193.6  | 194.7  | 197.4  |
| 50°   | 167.8  | 163.9  | 161.1  | 160.5  | 175.2  | 186.3  | 191.3  | 191.3  | 192.4  | 194.7  | 197.4  |
| 52.5° | 161.1  | 156.7  | 156.7  | 154.9  | 170.7  | 181.3  | 184.6  | 185.2  | 186.9  | 190.7  | 194.7  |
| 55°   | 152.8  | 151.0  | 152.8  | 149.9  | 167.2  | 177.3  | 178.9  | 180.2  | 181.3  | 184.6  | 190.2  |
| 57.5° | 145.5  | 143.2  | 147.2  | 146.0  | 164.4  | 173.4  | 173.4  | 175.7  | 175.7  | 180.2  | 184.6  |
| 60°   | 141.5  | 137.0  | 138.8  | 139.9  | 160.5  | 170.0  | 169.0  | 171.2  | 172.3  | 176.2  | 179.6  |
| 62.5° | 136.5  | 132.5  | 132.5  | 135.4  | 156.0  | 165.0  | 164.4  | 166.2  | 170.7  | 171.7  | 175.2  |
| 65°   | 130.3  | 128.7  | 127.0  | 130.3  | 151.7  | 159.4  | 159.9  | 162.2  | 166.2  | 167.2  | 170.0  |
| 67.5° | 124.2  | 124.8  | 121.4  | 124.8  | 147.7  | 153.8  | 153.8  | 158.3  | 159.9  | 162.2  | 165.0  |
| 70°   | 117.5  | 118.0  | 115.3  | 119.2  | 144.9  | 147.7  | 147.2  | 153.3  | 154.4  | 156.0  | 158.9  |
| 72.5° | 109.0  | 109.0  | 107.9  | 113.5  | 140.4  | 141.5  | 140.4  | 145.5  | 146.0  | 147.7  | 148.8  |
| 75°   | 100.1  | 100.1  | 99.0   | 106.8  | 137.6  | 134.8  | 131.4  | 135.4  | 136.5  | 137.6  | 137.6  |
| 77.5° | 88.4   | 89.5   | 89.5   | 99.0   | 128.1  | 131.9  | 120.8  | 123.0  | 124.8  | 125.3  | 123.7  |
| 80°   | 73.9   | 76.6   | 77.8   | 90.0   | 107.4  | 122.0  | 107.9  | 109.7  | 110.3  | 110.3  | 107.9  |
| 82.5° | 56.5   | 61.5   | 64.4   | 77.8   | 82.3   | 102.3  | 94.0   | 95.7   | 94.0   | 90.5   | 89.5   |
| 85°   | 39.2   | 45.9   | 49.2   | 59.3   | 62.1   | 78.8   | 78.3   | 78.3   | 75.0   | 70.5   | 69.9   |
| 87.5° | 21.3   | 25.1   | 27.5   | 35.3   | 42.5   | 53.1   | 57.6   | 55.9   | 53.1   | 50.4   | 51.0   |
| 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):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 |
| 2.5°  | 3084.6 | 3160.7 | 3282.0 | 3374.9 | 3468.3 | 3558.5 | 3655.7 | 3730.1 | 3793.4 | 3817.9 | 3892.9 |
| 5°    | 2480.4 | 2575.6 | 2690.2 | 2897.2 | 3043.8 | 3205.4 | 3392.3 | 3639.5 | 3734.6 | 3866.1 | 4081.5 |
| 7.5°  | 1753.7 | 1839.9 | 2024.5 | 2191.7 | 2399.4 | 2628.1 | 2880.4 | 3221.6 | 3346.4 | 3557.3 | 3908.1 |
| 10°   | 1309.6 | 1409.7 | 1557.9 | 1699.0 | 1881.9 | 2115.7 | 2405.5 | 2786.9 | 2938.6 | 3167.4 | 3571.2 |
| 12.5° | 1055.0 | 1173.1 | 1330.2 | 1462.9 | 1604.4 | 1769.5 | 2050.8 | 2469.3 | 2672.3 | 2872.5 | 3280.9 |
| 15°   | 810.6  | 934.1  | 1080.2 | 1248.7 | 1404.6 | 1582.6 | 1877.4 | 2335.0 | 2568.8 | 2777.5 | 3126.0 |
| 17.5° | 561.0  | 666.8  | 850.9  | 1026.5 | 1226.2 | 1453.9 | 1829.3 | 2363.5 | 2642.7 | 2883.3 | 3152.7 |
| 20°   | 397.7  | 458.2  | 609.2  | 812.8  | 1061.8 | 1347.6 | 1820.4 | 2513.4 | 2876.5 | 3151.1 | 3325.1 |
| 22.5° | 334.6  | 356.9  | 444.6  | 631.6  | 919.1  | 1268.2 | 1851.6 | 2723.8 | 3192.0 | 3542.7 | 3599.8 |
| 25°   | 304.9  | 318.3  | 364.2  | 495.6  | 792.1  | 1210.6 | 1957.4 | 3037.1 | 3582.5 | 3934.3 | 3924.3 |
| 27.5° | 288.7  | 302.6  | 332.8  | 418.5  | 696.4  | 1174.7 | 2063.2 | 3408.5 | 4028.8 | 4359.5 | 4234.3 |
| 30°   | 283.6  | 302.6  | 334.6  | 394.4  | 628.2  | 1118.3 | 2149.7 | 3734.6 | 4372.3 | 4646.5 | 4375.2 |
| 32.5° | 279.7  | 282.6  | 297.0  | 340.2  | 563.3  | 1052.2 | 2208.5 | 4027.2 | 4708.5 | 4919.5 | 4578.2 |
| 35°   | 225.9  | 240.0  | 263.6  | 304.9  | 525.3  | 1012.5 | 2208.5 | 4279.4 | 5039.7 | 5195.3 | 4771.8 |
| 37.5° | 217.7  | 229.9  | 250.6  | 285.8  | 504.0  | 992.9  | 2164.3 | 4522.8 | 5378.2 | 5508.0 | 4931.2 |
| 40°   | 213.2  | 223.2  | 242.8  | 271.3  | 495.1  | 970.6  | 2100.1 | 4737.7 | 5708.8 | 5821.3 | 5080.0 |
| 42.5° | 209.8  | 218.7  | 237.2  | 262.3  | 483.4  | 945.9  | 2047.9 | 4910.0 | 5995.7 | 6088.6 | 5222.0 |
| 45°   | 208.1  | 217.7  | 237.7  | 266.8  | 459.9  | 913.5  | 2030.7 | 5096.2 | 6231.8 | 6311.8 | 5375.9 |
| 47.5° | 208.1  | 219.3  | 240.6  | 276.3  | 431.9  | 880.0  | 2084.8 | 5341.8 | 6455.0 | 6494.2 | 5557.2 |
| 50°   | 206.4  | 218.7  | 248.3  | 266.8  | 391.0  | 837.5  | 2212.5 | 5651.2 | 6696.7 | 6701.2 | 5786.6 |
| 52.5° | 203.1  | 217.7  | 267.3  | 261.2  | 344.0  | 781.5  | 2384.8 | 6048.4 | 7054.3 | 7081.0 | 6145.8 |
| 55°   | 199.2  | 215.9  | 262.3  | 248.3  | 305.5  | 714.9  | 2525.7 | 6531.1 | 7556.5 | 7630.8 | 6673.8 |
| 57.5° | 194.2  | 213.7  | 253.9  | 230.4  | 280.2  | 629.4  | 2576.7 | 6884.7 | 7907.3 | 8094.2 | 7269.0 |
| 60°   | 189.7  | 212.0  | 229.3  | 219.8  | 264.6  | 557.2  | 2478.2 | 6814.7 | 7883.2 | 8286.0 | 7796.5 |
| 62.5° | 185.2  | 213.7  | 209.2  | 213.2  | 257.3  | 510.8  | 2220.9 | 6254.8 | 7484.4 | 8087.9 | 8187.6 |
| 65°   | 180.2  | 198.7  | 197.4  | 207.6  | 255.6  | 492.3  | 1841.0 | 5415.1 | 6713.4 | 7462.0 | 8279.8 |
| 67.5° | 173.4  | 183.4  | 189.1  | 200.3  | 261.2  | 476.1  | 1485.8 | 4466.8 | 5642.2 | 6523.9 | 7798.7 |
| 70°   | 166.2  | 174.5  | 180.8  | 191.3  | 257.9  | 468.8  | 1235.7 | 3522.6 | 4477.0 | 5346.8 | 6849.5 |
| 72.5° | 156.7  | 163.9  | 169.5  | 179.6  | 254.6  | 464.9  | 1043.9 | 2836.8 | 3342.5 | 3971.8 | 5569.0 |
| 75°   | 145.5  | 152.2  | 156.0  | 166.2  | 243.8  | 425.7  | 820.6  | 2400.4 | 2501.2 | 2762.9 | 4435.6 |
| 77.5° | 132.5  | 137.6  | 141.0  | 152.2  | 215.9  | 354.1  | 593.5  | 1851.6 | 1942.3 | 2006.0 | 3400.7 |
| 80°   | 117.5  | 122.5  | 124.2  | 134.8  | 178.9  | 276.9  | 387.1  | 1367.7 | 1452.8 | 1467.4 | 2220.9 |
| 82.5° | 100.1  | 105.2  | 105.2  | 115.3  | 146.5  | 199.2  | 253.9  | 937.0  | 953.9  | 1003.0 | 1569.7 |
| 85°   | 80.6   | 84.4   | 84.4   | 89.5   | 113.5  | 148.8  | 174.5  | 470.5  | 465.5  | 531.4  | 1360.0 |
| 87.5° | 57.6   | 60.4   | 63.3   | 64.4   | 81.1   | 98.5   | 105.2  | 143.2  | 94.5   | 108.5  | 873.2  |
| 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: P193051

CATALOG NUMBER: GAN-AF-03-LED-U-SLR-7030-600

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 | 3438.2 |
| 2.5°  | 3949.4 | 3981.3 | 3948.8 | 3925.3 | 3824.2 | 3740.8 | 3629.5 | 3572.4 |
| 5°    | 4245.4 | 4326.4 | 4299.1 | 4200.6 | 3989.2 | 3751.4 | 3481.2 | 3359.2 |
| 7.5°  | 4209.5 | 4398.1 | 4402.6 | 4218.5 | 3906.9 | 3556.7 | 3190.9 | 3017.4 |
| 10°   | 3930.9 | 4172.1 | 4240.9 | 4062.5 | 3731.9 | 3340.3 | 2920.7 | 2722.6 |
| 12.5° | 3620.0 | 3856.0 | 3908.6 | 3847.0 | 3570.7 | 3177.5 | 2751.7 | 2557.6 |
| 15°   | 3365.4 | 3471.1 | 3533.8 | 3587.5 | 3432.6 | 3112.6 | 2742.2 | 2529.2 |
| 17.5° | 3210.5 | 3198.7 | 3216.6 | 3310.0 | 3336.3 | 3187.0 | 2887.7 | 2652.7 |
| 20°   | 3154.6 | 2974.9 | 2970.4 | 3099.1 | 3291.0 | 3364.3 | 3171.9 | 2889.9 |
| 22.5° | 3185.2 | 2894.4 | 2857.4 | 3010.2 | 3315.0 | 3620.0 | 3544.5 | 3222.7 |
| 25°   | 3291.6 | 2901.1 | 2871.5 | 3019.2 | 3402.4 | 3892.4 | 3946.7 | 3653.5 |
| 27.5° | 3458.8 | 2943.7 | 2904.4 | 3056.1 | 3518.1 | 4121.2 | 4342.7 | 4070.8 |
| 30°   | 3617.7 | 3017.4 | 2968.8 | 3128.7 | 3623.9 | 4211.8 | 4585.5 | 4396.4 |
| 32.5° | 3810.8 | 3155.6 | 3070.0 | 3262.5 | 3754.8 | 4356.1 | 4802.0 | 4666.0 |
| 35°   | 3999.8 | 3352.5 | 3246.3 | 3468.9 | 3900.8 | 4535.7 | 5049.2 | 5010.6 |
| 37.5° | 4207.3 | 3609.9 | 3522.1 | 3735.8 | 4100.5 | 4705.2 | 5364.7 | 5414.6 |
| 40°   | 4428.9 | 3951.2 | 3847.0 | 4125.1 | 4410.4 | 4917.8 | 5694.3 | 5813.9 |
| 42.5° | 4652.0 | 4329.8 | 4205.6 | 4487.6 | 4751.0 | 5127.5 | 5976.2 | 6153.5 |
| 45°   | 4907.7 | 4741.0 | 4682.3 | 4987.1 | 5078.4 | 5327.3 | 6184.3 | 6404.7 |
| 47.5° | 5205.3 | 5207.6 | 5302.2 | 5424.0 | 5408.4 | 5553.3 | 6393.6 | 6629.0 |
| 50°   | 5552.7 | 5789.8 | 5998.6 | 6079.6 | 5748.4 | 5796.1 | 6683.8 | 6929.4 |
| 52.5° | 5970.0 | 6486.4 | 6744.8 | 6691.7 | 6114.9 | 6092.6 | 7143.7 | 7343.5 |
| 55°   | 6491.9 | 7223.6 | 7480.4 | 7442.4 | 6536.1 | 6496.4 | 7716.6 | 7832.9 |
| 57.5° | 7096.2 | 7938.0 | 8174.1 | 8002.9 | 7041.9 | 6939.5 | 8190.3 | 8214.9 |
| 60°   | 7627.0 | 8504.2 | 8711.1 | 8521.4 | 7552.0 | 7411.0 | 8486.2 | 8367.1 |
| 62.5° | 7922.4 | 8696.1 | 8841.5 | 8637.3 | 7901.6 | 7913.4 | 8551.1 | 8284.9 |
| 65°   | 7790.4 | 8211.1 | 8258.1 | 8241.2 | 7811.6 | 8204.9 | 8317.9 | 7905.0 |
| 67.5° | 7067.6 | 6984.8 | 7063.7 | 7172.8 | 7039.6 | 7821.1 | 7671.7 | 7077.7 |
| 70°   | 5794.3 | 5339.6 | 5496.8 | 5570.0 | 5630.4 | 6730.3 | 6658.7 | 5764.7 |
| 72.5° | 4366.8 | 3740.8 | 3864.9 | 3849.9 | 4129.6 | 5398.3 | 5178.5 | 4238.6 |
| 75°   | 3094.1 | 2536.4 | 2552.1 | 2545.8 | 2881.5 | 4223.5 | 3749.8 | 2900.0 |
| 77.5° | 2165.0 | 1837.6 | 1846.1 | 1880.8 | 1937.2 | 3185.2 | 2679.0 | 2118.5 |
| 80°   | 1488.5 | 1394.5 | 1441.0 | 1443.9 | 1342.6 | 2139.8 | 1979.2 | 1700.1 |
| 82.5° | 1108.8 | 969.4  | 958.3  | 974.5  | 1052.2 | 1733.6 | 1521.0 | 1179.2 |
| 85°   | 908.0  | 573.9  | 461.5  | 578.4  | 932.5  | 1716.8 | 1010.3 | 622.0  |
| 87.5° | 511.4  | 272.4  | 123.0  | 228.3  | 372.0  | 1136.8 | 292.0  | 79.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)