

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: P268293

Luminaire Tested: **GAN-AF-02-LED-U-SLR-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P268293
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-02-LED-U-SLR-7027
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 70 CRI, 2700K, 1050mA 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: 9298.5 lumens
Efficiency: N/A
Efficacy: 82.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

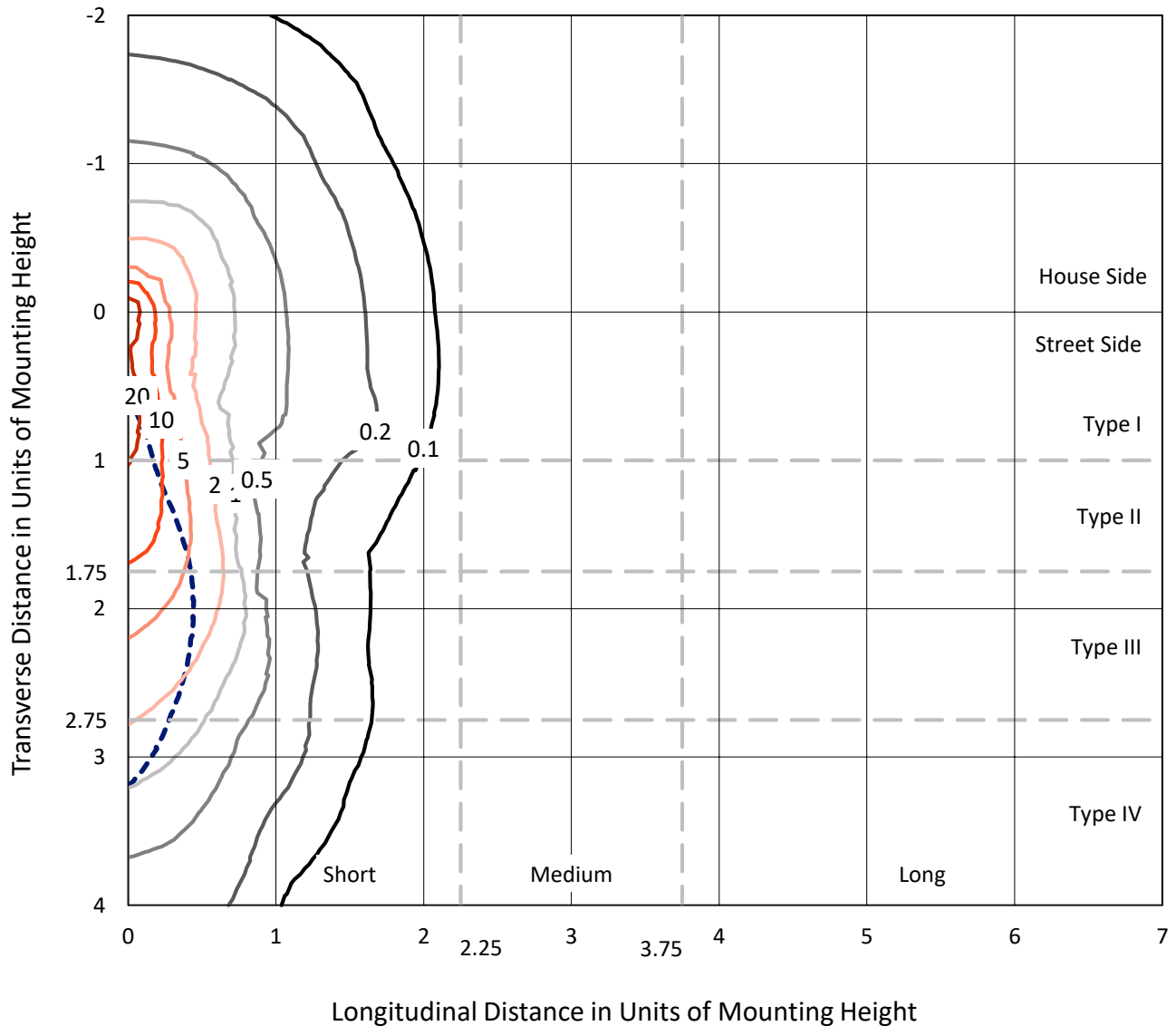
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

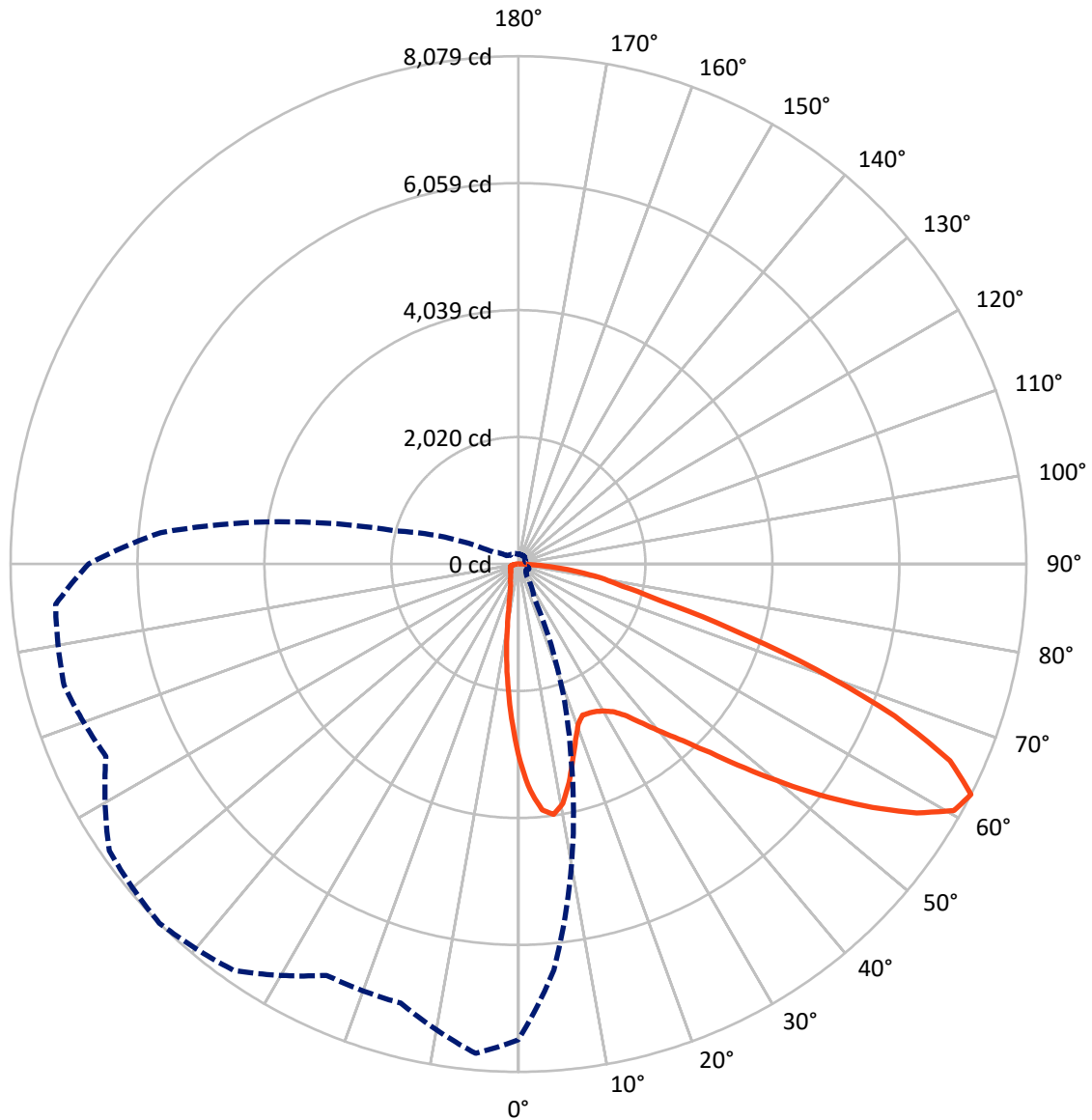


Based on 10 foot mounting height. Maximum calculated value = 31.4 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1538.8 | 0.0 | 1538.8 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 7759.8 | 0.0 | 7759.8 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 9298.5 | 0.0 | 9298.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 228.7 | 2.5 |
| 10°-20° | 419.4 | 4.5 |
| 20°-30° | 611.4 | 6.6 |
| 30°-40° | 941.7 | 10.1 |
| 40°-50° | 1385.9 | 14.9 |
| 50°-60° | 2032.8 | 21.9 |
| 60°-70° | 2272.4 | 24.4 |
| 70°-80° | 1112.5 | 12.0 |
| 80°-90° | 293.7 | 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° | 9298.5 | 100.0 |
| 0°-180° | 9298.5 | 100.0 |

Coefficient of Utilization



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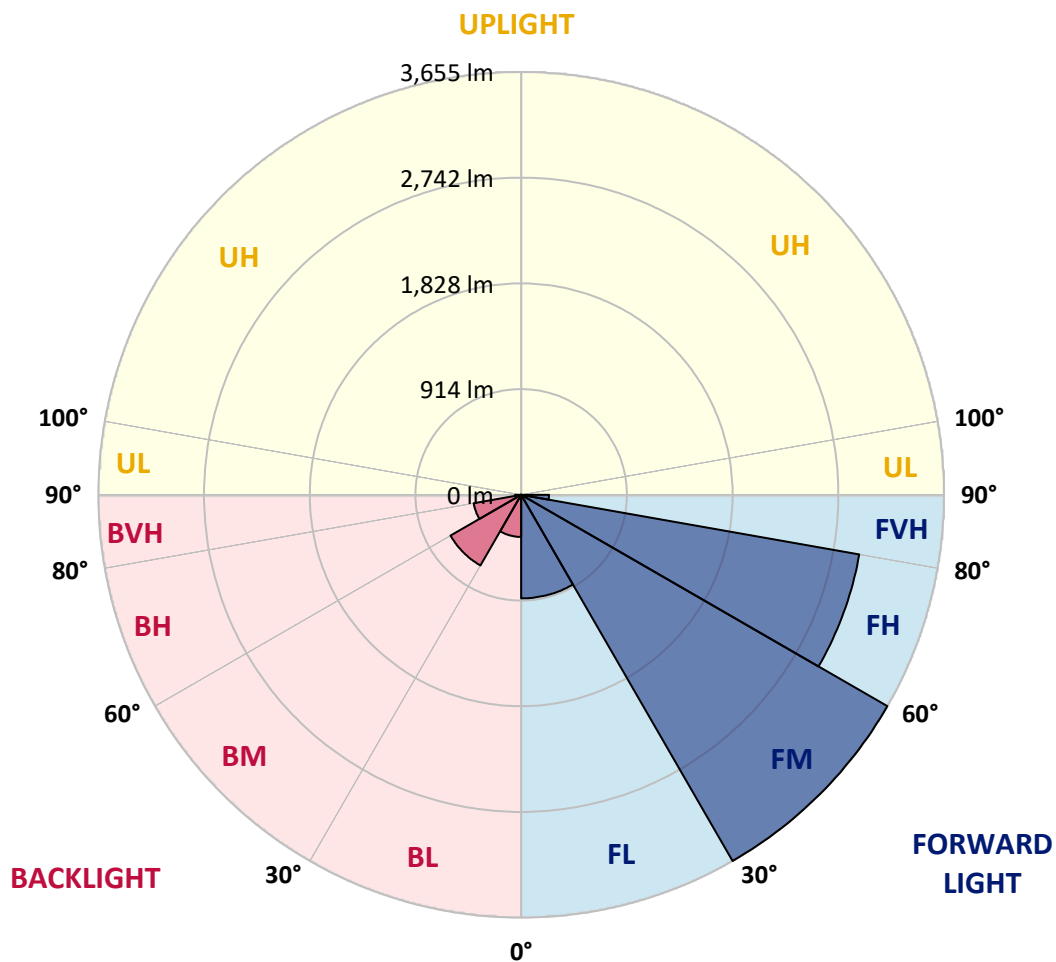
CATALOG NUMBER: GAN-AF-02-LED-U-SLR-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 895.4 | 9.6 | | | |
| FM (30°-60°) | 3655.3 | 39.3 | | | |
| FH (60°-80°) | 2967.8 | 31.9 | | | G2/5000 |
| FVH (80°-90°) | 241.2 | 2.6 | | | G3/500 |
| BL (0°-30°) | 364.1 | 3.9 | B1/500 | | |
| BM (30°-60°) | 705.1 | 7.6 | B1/1000 | | |
| BH (60°-80°) | 417.2 | 4.5 | B1/500 | | G1/500 |
| BVH (80°-90°) | 52.5 | 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° | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 |
| 2.5° | 3264.3 | 3197.7 | 3087.4 | 2972.3 | 2902.3 | 2820.6 | 2756.7 | 2700.5 | 2587.9 | 2566.0 | 2586.0 |
| 5° | 3069.5 | 2936.1 | 2728.1 | 2518.5 | 2378.9 | 2229.1 | 2112.6 | 2019.1 | 1876.5 | 1851.3 | 1881.6 |
| 7.5° | 2757.2 | 2597.7 | 2322.7 | 2055.3 | 1858.1 | 1670.9 | 1545.3 | 1445.1 | 1333.7 | 1285.6 | 1288.6 |
| 10° | 2487.8 | 2307.8 | 1982.7 | 1691.9 | 1530.4 | 1404.1 | 1298.3 | 1195.6 | 1082.6 | 1008.4 | 988.0 |
| 12.5° | 2337.0 | 2130.1 | 1755.3 | 1495.7 | 1345.9 | 1213.0 | 1098.9 | 989.0 | 868.4 | 792.8 | 771.4 |
| 15° | 2310.9 | 2086.0 | 1669.9 | 1369.8 | 1182.3 | 1014.1 | 879.7 | 757.0 | 632.8 | 571.5 | 558.7 |
| 17.5° | 2423.8 | 2164.7 | 1642.3 | 1257.9 | 1028.4 | 821.0 | 655.9 | 518.9 | 417.6 | 386.9 | 384.4 |
| 20° | 2640.6 | 2316.0 | 1638.8 | 1152.6 | 876.7 | 633.3 | 457.0 | 357.3 | 312.8 | 304.2 | 304.6 |
| 22.5° | 2944.7 | 2550.6 | 1682.7 | 1073.5 | 737.1 | 472.2 | 343.5 | 299.0 | 281.7 | 273.4 | 273.4 |
| 25° | 3338.3 | 2873.7 | 1783.9 | 1015.7 | 616.0 | 377.2 | 303.1 | 276.6 | 260.1 | 254.6 | 255.6 |
| 27.5° | 3719.7 | 3188.1 | 1901.5 | 970.2 | 536.6 | 342.4 | 287.3 | 263.3 | 248.9 | 243.4 | 245.9 |
| 30° | 4017.2 | 3467.2 | 1999.6 | 908.4 | 496.4 | 332.7 | 292.8 | 268.4 | 247.9 | 239.2 | 239.8 |
| 32.5° | 4263.5 | 3711.4 | 2081.9 | 863.8 | 460.6 | 285.2 | 252.6 | 241.7 | 239.2 | 229.0 | 223.9 |
| 35° | 4578.4 | 3977.9 | 2137.2 | 864.9 | 443.8 | 254.6 | 224.9 | 206.0 | 192.1 | 180.4 | 180.4 |
| 37.5° | 4947.4 | 4283.5 | 2195.9 | 876.7 | 437.6 | 236.7 | 215.2 | 196.3 | 183.6 | 172.2 | 170.1 |
| 40° | 5312.4 | 4583.1 | 2249.5 | 887.9 | 434.1 | 226.0 | 207.5 | 190.1 | 178.5 | 167.2 | 164.1 |
| 42.5° | 5622.8 | 4829.4 | 2297.7 | 893.5 | 421.8 | 224.9 | 201.8 | 186.0 | 174.8 | 162.6 | 159.4 |
| 45° | 5852.2 | 5035.9 | 2349.2 | 902.2 | 409.4 | 229.0 | 201.8 | 185.5 | 171.8 | 160.0 | 156.9 |
| 47.5° | 6057.2 | 5278.3 | 2435.7 | 902.2 | 394.6 | 221.3 | 208.5 | 186.0 | 171.2 | 159.0 | 156.5 |
| 50° | 6331.7 | 5610.5 | 2599.2 | 881.2 | 373.6 | 213.2 | 219.7 | 184.1 | 166.6 | 156.9 | 153.9 |
| 52.5° | 6709.9 | 6036.3 | 2858.9 | 844.9 | 341.4 | 197.3 | 218.3 | 183.0 | 162.1 | 151.9 | 148.2 |
| 55° | 7157.2 | 6492.2 | 3142.0 | 802.5 | 293.3 | 186.0 | 210.7 | 180.4 | 156.9 | 145.6 | 142.1 |
| 57.5° | 7506.2 | 6806.0 | 3341.4 | 737.1 | 251.4 | 179.9 | 186.6 | 177.9 | 150.7 | 139.1 | 136.0 |
| 60° | 7645.4 | 6793.7 | 3396.1 | 649.7 | 231.0 | 174.8 | 163.0 | 199.3 | 145.6 | 133.8 | 130.3 |
| 62.5° | 7570.1 | 6480.0 | 3242.7 | 588.3 | 226.5 | 168.2 | 152.8 | 184.5 | 141.7 | 130.3 | 125.3 |
| 65° | 7223.1 | 5923.8 | 2836.4 | 572.0 | 239.8 | 161.5 | 146.2 | 144.6 | 136.0 | 125.3 | 120.2 |
| 67.5° | 6467.1 | 5092.6 | 2271.1 | 573.5 | 256.6 | 154.9 | 139.5 | 132.4 | 128.3 | 119.7 | 115.1 |
| 70° | 5267.4 | 4026.4 | 1692.9 | 577.6 | 265.3 | 147.2 | 132.4 | 124.8 | 120.2 | 111.4 | 108.3 |
| 72.5° | 3873.0 | 3103.3 | 1229.8 | 551.0 | 266.8 | 138.5 | 122.7 | 116.1 | 111.4 | 102.2 | 99.7 |
| 75° | 2649.8 | 2373.9 | 853.1 | 456.5 | 232.7 | 126.2 | 112.0 | 105.8 | 102.8 | 91.4 | 90.0 |
| 77.5° | 1935.8 | 1781.9 | 545.9 | 338.9 | 179.4 | 110.9 | 98.6 | 94.1 | 91.9 | 79.7 | 77.8 |
| 80° | 1553.3 | 1409.8 | 341.4 | 232.0 | 131.3 | 93.1 | 82.9 | 80.3 | 78.2 | 65.9 | 64.4 |
| 82.5° | 1077.4 | 944.1 | 219.2 | 150.7 | 98.6 | 72.0 | 65.4 | 64.4 | 61.4 | 50.0 | 48.6 |
| 85° | 568.4 | 512.8 | 139.1 | 102.8 | 71.5 | 49.5 | 45.5 | 45.5 | 43.9 | 33.2 | 32.2 |
| 87.5° | 72.7 | 118.0 | 70.5 | 53.7 | 39.3 | 22.0 | 22.0 | 21.5 | 22.9 | 19.0 | 16.3 |
| 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° | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 |
| 2.5° | 2538.9 | 2563.5 | 2539.9 | 2541.5 | 2567.5 | 2645.1 | 2680.5 | 2709.6 | 2740.8 | 2761.3 | 2770.5 |
| 5° | 1840.2 | 1897.4 | 1916.9 | 1957.8 | 2018.0 | 2117.1 | 2156.6 | 2185.1 | 2204.1 | 2215.3 | 2219.9 |
| 7.5° | 1258.4 | 1293.2 | 1332.0 | 1398.0 | 1529.4 | 1587.7 | 1613.7 | 1607.1 | 1585.6 | 1578.0 | 1570.2 |
| 10° | 948.7 | 934.9 | 927.7 | 964.1 | 1070.4 | 1129.1 | 1147.6 | 1129.7 | 1117.9 | 1120.5 | 1133.2 |
| 12.5° | 735.1 | 711.0 | 681.9 | 677.9 | 747.7 | 800.5 | 812.2 | 813.2 | 834.7 | 853.6 | 881.7 |
| 15° | 535.7 | 533.1 | 518.9 | 510.1 | 550.0 | 592.9 | 598.0 | 607.3 | 626.7 | 640.5 | 665.0 |
| 17.5° | 377.7 | 391.5 | 402.8 | 408.4 | 438.6 | 469.3 | 463.6 | 459.0 | 455.4 | 455.4 | 467.2 |
| 20° | 304.6 | 313.9 | 328.2 | 344.5 | 375.2 | 396.6 | 382.9 | 364.4 | 351.1 | 347.0 | 348.6 |
| 22.5° | 274.5 | 281.7 | 289.9 | 304.2 | 331.7 | 346.6 | 331.7 | 318.4 | 305.2 | 300.6 | 299.0 |
| 25° | 259.2 | 268.4 | 276.0 | 286.7 | 307.2 | 317.5 | 303.1 | 293.3 | 285.2 | 279.6 | 275.5 |
| 27.5° | 250.4 | 258.6 | 260.7 | 265.8 | 283.1 | 292.4 | 285.2 | 281.1 | 276.0 | 270.8 | 265.8 |
| 30° | 241.3 | 239.8 | 236.2 | 236.7 | 250.4 | 259.7 | 259.2 | 260.1 | 259.7 | 258.2 | 257.2 |
| 32.5° | 220.4 | 217.2 | 214.2 | 217.2 | 230.1 | 238.2 | 238.7 | 240.7 | 240.7 | 240.2 | 244.2 |
| 35° | 183.6 | 189.2 | 192.6 | 201.8 | 217.2 | 224.3 | 221.3 | 216.2 | 207.0 | 201.4 | 201.0 |
| 37.5° | 169.7 | 170.7 | 176.8 | 189.6 | 206.5 | 213.2 | 208.5 | 196.8 | 190.7 | 189.6 | 191.2 |
| 40° | 163.0 | 164.1 | 167.7 | 179.4 | 196.3 | 202.9 | 198.9 | 190.1 | 184.5 | 184.1 | 186.6 |
| 42.5° | 158.5 | 159.4 | 161.5 | 169.7 | 183.6 | 191.7 | 192.1 | 186.0 | 179.4 | 179.9 | 182.4 |
| 45° | 155.9 | 156.5 | 155.9 | 160.0 | 172.7 | 182.4 | 186.6 | 182.4 | 176.8 | 177.9 | 181.0 |
| 47.5° | 155.3 | 153.9 | 151.9 | 152.8 | 166.1 | 175.9 | 181.0 | 179.4 | 176.8 | 177.9 | 180.4 |
| 50° | 153.3 | 149.7 | 147.2 | 146.8 | 160.0 | 170.1 | 174.8 | 174.8 | 175.9 | 177.9 | 180.4 |
| 52.5° | 147.2 | 143.1 | 143.1 | 141.7 | 155.9 | 165.6 | 168.7 | 169.2 | 170.7 | 174.4 | 177.9 |
| 55° | 139.5 | 138.0 | 139.5 | 137.0 | 152.8 | 162.1 | 163.6 | 164.6 | 165.6 | 168.7 | 173.8 |
| 57.5° | 132.9 | 130.9 | 134.4 | 133.4 | 150.2 | 158.5 | 158.5 | 160.4 | 160.4 | 164.6 | 168.7 |
| 60° | 129.4 | 125.3 | 126.8 | 127.7 | 146.8 | 155.3 | 154.4 | 156.5 | 157.5 | 161.1 | 164.1 |
| 62.5° | 124.8 | 121.1 | 121.1 | 123.6 | 142.7 | 150.7 | 150.2 | 151.9 | 155.9 | 156.9 | 160.0 |
| 65° | 119.0 | 117.6 | 116.1 | 119.0 | 138.5 | 145.6 | 146.2 | 148.2 | 151.9 | 152.8 | 155.3 |
| 67.5° | 113.5 | 113.9 | 110.9 | 113.9 | 134.9 | 140.6 | 140.6 | 144.6 | 146.2 | 148.2 | 150.7 |
| 70° | 107.3 | 107.8 | 105.3 | 108.9 | 132.4 | 134.9 | 134.4 | 140.0 | 141.0 | 142.7 | 145.2 |
| 72.5° | 99.7 | 99.7 | 98.6 | 103.8 | 128.3 | 129.4 | 128.3 | 132.9 | 133.4 | 134.9 | 136.0 |
| 75° | 91.4 | 91.4 | 90.5 | 97.6 | 125.8 | 123.2 | 120.2 | 123.6 | 124.8 | 125.8 | 125.8 |
| 77.5° | 80.8 | 81.7 | 81.7 | 90.5 | 117.0 | 120.6 | 110.4 | 112.5 | 113.9 | 114.5 | 112.9 |
| 80° | 67.5 | 70.0 | 71.1 | 82.3 | 98.2 | 111.4 | 98.6 | 100.3 | 100.7 | 100.7 | 98.6 |
| 82.5° | 51.7 | 56.2 | 58.7 | 71.1 | 75.2 | 93.6 | 85.9 | 87.5 | 85.9 | 82.9 | 81.7 |
| 85° | 35.8 | 42.0 | 44.9 | 54.2 | 56.8 | 72.0 | 71.5 | 71.5 | 68.5 | 64.4 | 63.9 |
| 87.5° | 19.5 | 22.9 | 25.1 | 32.2 | 38.8 | 48.6 | 52.6 | 51.2 | 48.6 | 46.1 | 46.5 |
| 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° | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 |
| 2.5° | 2818.5 | 2888.1 | 2998.9 | 3083.8 | 3169.2 | 3251.4 | 3340.3 | 3408.3 | 3466.1 | 3488.6 | 3557.1 |
| 5° | 2266.5 | 2353.4 | 2458.1 | 2647.2 | 2781.2 | 2929.0 | 3099.6 | 3325.5 | 3412.5 | 3532.6 | 3729.4 |
| 7.5° | 1602.4 | 1681.2 | 1849.9 | 2002.7 | 2192.4 | 2401.3 | 2631.9 | 2943.7 | 3057.7 | 3250.4 | 3570.9 |
| 10° | 1196.6 | 1288.1 | 1423.5 | 1552.5 | 1719.5 | 1933.2 | 2198.0 | 2546.5 | 2685.2 | 2894.2 | 3263.3 |
| 12.5° | 964.1 | 1071.9 | 1215.5 | 1336.7 | 1466.0 | 1616.8 | 1873.9 | 2256.3 | 2441.9 | 2624.8 | 2998.0 |
| 15° | 740.7 | 853.6 | 987.1 | 1140.8 | 1283.5 | 1446.0 | 1715.5 | 2133.6 | 2347.2 | 2537.9 | 2856.3 |
| 17.5° | 512.8 | 609.3 | 777.5 | 938.0 | 1120.5 | 1328.6 | 1671.4 | 2159.6 | 2414.7 | 2634.5 | 2880.9 |
| 20° | 363.5 | 418.6 | 556.6 | 742.7 | 970.2 | 1231.3 | 1663.3 | 2296.5 | 2628.4 | 2879.3 | 3038.2 |
| 22.5° | 305.7 | 326.2 | 406.4 | 577.2 | 839.8 | 1158.9 | 1691.9 | 2488.8 | 2916.6 | 3237.1 | 3289.2 |
| 25° | 278.6 | 290.8 | 332.7 | 452.8 | 723.9 | 1106.2 | 1788.5 | 2775.0 | 3273.5 | 3594.9 | 3585.8 |
| 27.5° | 263.7 | 276.6 | 304.2 | 382.4 | 636.4 | 1073.5 | 1885.2 | 3114.5 | 3681.3 | 3983.4 | 3868.9 |
| 30° | 259.2 | 276.6 | 305.7 | 360.4 | 574.0 | 1021.8 | 1964.4 | 3412.5 | 3995.2 | 4245.7 | 3997.7 |
| 32.5° | 255.6 | 258.2 | 271.4 | 310.8 | 514.6 | 961.5 | 2018.0 | 3679.7 | 4302.4 | 4495.1 | 4183.2 |
| 35° | 206.5 | 219.2 | 240.7 | 278.6 | 480.0 | 925.2 | 2018.0 | 3910.3 | 4605.0 | 4747.2 | 4360.2 |
| 37.5° | 198.9 | 210.1 | 229.0 | 261.1 | 460.6 | 907.3 | 1977.7 | 4132.7 | 4914.3 | 5032.8 | 4505.8 |
| 40° | 194.8 | 203.9 | 221.8 | 247.9 | 452.3 | 886.8 | 1918.9 | 4328.9 | 5216.3 | 5319.0 | 4641.8 |
| 42.5° | 191.7 | 199.9 | 216.8 | 239.8 | 441.6 | 864.3 | 1871.3 | 4486.3 | 5478.6 | 5563.5 | 4771.6 |
| 45° | 190.1 | 198.9 | 217.2 | 243.8 | 420.1 | 834.7 | 1855.4 | 4656.6 | 5694.3 | 5767.4 | 4912.2 |
| 47.5° | 190.1 | 200.4 | 219.7 | 252.6 | 394.6 | 804.1 | 1905.0 | 4881.0 | 5898.2 | 5933.9 | 5077.8 |
| 50° | 188.6 | 199.9 | 226.9 | 243.8 | 357.3 | 765.1 | 2021.6 | 5163.6 | 6119.1 | 6123.0 | 5287.3 |
| 52.5° | 185.5 | 198.9 | 244.2 | 238.7 | 314.3 | 714.2 | 2179.1 | 5526.6 | 6445.7 | 6470.2 | 5615.6 |
| 55° | 181.9 | 197.3 | 239.8 | 226.9 | 279.2 | 653.2 | 2307.8 | 5967.7 | 6904.6 | 6972.6 | 6098.1 |
| 57.5° | 177.3 | 195.2 | 232.0 | 210.7 | 256.0 | 575.0 | 2354.4 | 6290.8 | 7225.2 | 7395.8 | 6642.0 |
| 60° | 173.4 | 193.8 | 209.6 | 201.0 | 241.7 | 509.1 | 2264.4 | 6227.0 | 7203.1 | 7571.3 | 7124.0 |
| 62.5° | 169.2 | 195.2 | 191.2 | 194.8 | 235.1 | 466.7 | 2029.4 | 5715.1 | 6838.7 | 7390.3 | 7481.3 |
| 65° | 164.6 | 181.5 | 180.4 | 189.6 | 233.6 | 449.8 | 1682.2 | 4948.0 | 6134.3 | 6818.2 | 7565.5 |
| 67.5° | 158.5 | 167.7 | 172.7 | 183.0 | 238.7 | 435.0 | 1357.6 | 4081.5 | 5155.6 | 5961.2 | 7126.1 |
| 70° | 151.9 | 159.4 | 165.1 | 174.8 | 235.6 | 428.3 | 1129.1 | 3218.7 | 4090.8 | 4885.6 | 6258.6 |
| 72.5° | 143.1 | 149.7 | 154.9 | 164.1 | 232.7 | 424.8 | 953.8 | 2592.1 | 3054.1 | 3629.2 | 5088.4 |
| 75° | 132.9 | 139.1 | 142.7 | 151.9 | 222.9 | 389.0 | 749.8 | 2193.3 | 2285.4 | 2524.5 | 4053.0 |
| 77.5° | 121.1 | 125.8 | 128.7 | 139.1 | 197.3 | 323.6 | 542.3 | 1691.9 | 1774.7 | 1833.0 | 3107.2 |
| 80° | 107.3 | 112.0 | 113.5 | 123.2 | 163.6 | 253.1 | 353.8 | 1249.8 | 1327.4 | 1340.8 | 2029.4 |
| 82.5° | 91.4 | 96.1 | 96.1 | 105.3 | 133.8 | 181.9 | 232.0 | 856.2 | 871.5 | 916.5 | 1434.4 |
| 85° | 73.7 | 77.2 | 77.2 | 81.7 | 103.8 | 136.0 | 159.4 | 429.8 | 425.3 | 485.7 | 1242.6 |
| 87.5° | 52.6 | 55.2 | 57.9 | 58.7 | 74.1 | 90.0 | 96.1 | 130.9 | 86.3 | 99.2 | 798.0 |
| 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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CATALOG NUMBER: GAN-AF-02-LED-U-SLR-7027

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 | 3141.6 |
| 2.5° | 3608.8 | 3637.9 | 3608.2 | 3586.8 | 3494.2 | 3418.1 | 3316.4 | 3264.3 |
| 5° | 3879.2 | 3953.4 | 3928.2 | 3838.3 | 3645.1 | 3427.8 | 3180.9 | 3069.5 |
| 7.5° | 3846.5 | 4018.7 | 4022.8 | 3854.5 | 3570.0 | 3249.9 | 2915.5 | 2757.2 |
| 10° | 3592.0 | 3812.1 | 3875.1 | 3711.9 | 3409.8 | 3052.1 | 2668.8 | 2487.8 |
| 12.5° | 3307.6 | 3523.4 | 3571.4 | 3515.2 | 3262.7 | 2903.3 | 2514.4 | 2337.0 |
| 15° | 3075.1 | 3171.7 | 3229.0 | 3278.1 | 3136.4 | 2844.0 | 2505.7 | 2310.9 |
| 17.5° | 2933.5 | 2922.7 | 2939.2 | 3024.6 | 3048.5 | 2912.0 | 2638.6 | 2423.8 |
| 20° | 2882.4 | 2718.4 | 2714.1 | 2831.7 | 3007.2 | 3074.1 | 2898.2 | 2640.6 |
| 22.5° | 2910.5 | 2644.7 | 2611.0 | 2750.5 | 3029.2 | 3307.6 | 3238.7 | 2944.7 |
| 25° | 3007.6 | 2650.9 | 2623.8 | 2758.7 | 3108.9 | 3556.6 | 3606.2 | 3338.3 |
| 27.5° | 3160.4 | 2689.6 | 2654.0 | 2792.4 | 3214.7 | 3765.6 | 3968.2 | 3719.7 |
| 30° | 3305.7 | 2757.2 | 2712.7 | 2858.9 | 3311.2 | 3848.5 | 4190.0 | 4017.2 |
| 32.5° | 3482.0 | 2883.4 | 2805.1 | 2981.0 | 3430.8 | 3980.4 | 4387.7 | 4263.5 |
| 35° | 3654.8 | 3063.3 | 2966.3 | 3169.7 | 3564.2 | 4144.4 | 4613.6 | 4578.4 |
| 37.5° | 3844.3 | 3298.4 | 3218.2 | 3413.5 | 3746.8 | 4299.3 | 4902.1 | 4947.4 |
| 40° | 4046.9 | 3610.3 | 3515.2 | 3769.3 | 4029.9 | 4493.5 | 5203.1 | 5312.4 |
| 42.5° | 4250.8 | 3956.3 | 3842.9 | 4100.5 | 4341.1 | 4685.2 | 5460.6 | 5622.8 |
| 45° | 4484.3 | 4332.0 | 4278.4 | 4556.9 | 4640.3 | 4867.7 | 5650.8 | 5852.2 |
| 47.5° | 4756.3 | 4758.3 | 4844.6 | 4956.2 | 4941.8 | 5074.3 | 5841.9 | 6057.2 |
| 50° | 5073.6 | 5290.5 | 5481.1 | 5555.2 | 5252.6 | 5296.0 | 6107.2 | 6331.7 |
| 52.5° | 5455.0 | 5926.8 | 6163.0 | 6114.5 | 5587.4 | 5566.9 | 6527.4 | 6709.9 |
| 55° | 5932.0 | 6600.6 | 6835.2 | 6800.3 | 5972.3 | 5936.0 | 7050.8 | 7157.2 |
| 57.5° | 6484.0 | 7253.3 | 7469.0 | 7312.6 | 6434.4 | 6340.9 | 7483.8 | 7506.2 |
| 60° | 6969.1 | 7770.6 | 7959.7 | 7786.4 | 6900.6 | 6771.8 | 7754.2 | 7645.4 |
| 62.5° | 7238.9 | 7945.9 | 8078.7 | 7892.1 | 7220.0 | 7230.7 | 7813.5 | 7570.1 |
| 65° | 7118.3 | 7502.7 | 7545.7 | 7530.3 | 7137.8 | 7497.2 | 7600.4 | 7223.1 |
| 67.5° | 6457.9 | 6382.3 | 6454.3 | 6554.0 | 6432.4 | 7146.5 | 7010.0 | 6467.1 |
| 70° | 5294.5 | 4879.0 | 5022.7 | 5089.5 | 5144.8 | 6149.6 | 6084.3 | 5267.4 |
| 72.5° | 3990.1 | 3418.1 | 3531.5 | 3517.8 | 3773.3 | 4932.7 | 4731.7 | 3873.0 |
| 75° | 2827.1 | 2317.5 | 2331.9 | 2326.3 | 2632.9 | 3859.2 | 3426.2 | 2649.8 |
| 77.5° | 1978.2 | 1679.1 | 1686.7 | 1718.5 | 1770.1 | 2910.5 | 2447.9 | 1935.8 |
| 80° | 1360.2 | 1274.3 | 1316.7 | 1319.3 | 1226.7 | 1955.3 | 1808.5 | 1553.3 |
| 82.5° | 1013.1 | 885.8 | 875.6 | 890.4 | 961.5 | 1584.2 | 1389.9 | 1077.4 |
| 85° | 829.7 | 524.4 | 421.8 | 528.6 | 852.1 | 1568.7 | 923.2 | 568.4 |
| 87.5° | 467.2 | 248.9 | 112.5 | 208.5 | 339.9 | 1038.7 | 266.8 | 72.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)