

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: P533515

Luminaire Tested: **GLAN-SA9A-722-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P533515  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA9A-722-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH BLACK GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 16848 lumens  
Efficiency: N/A  
Efficacy: 61.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G1

Input Watts (W): 274  
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: 24 FT



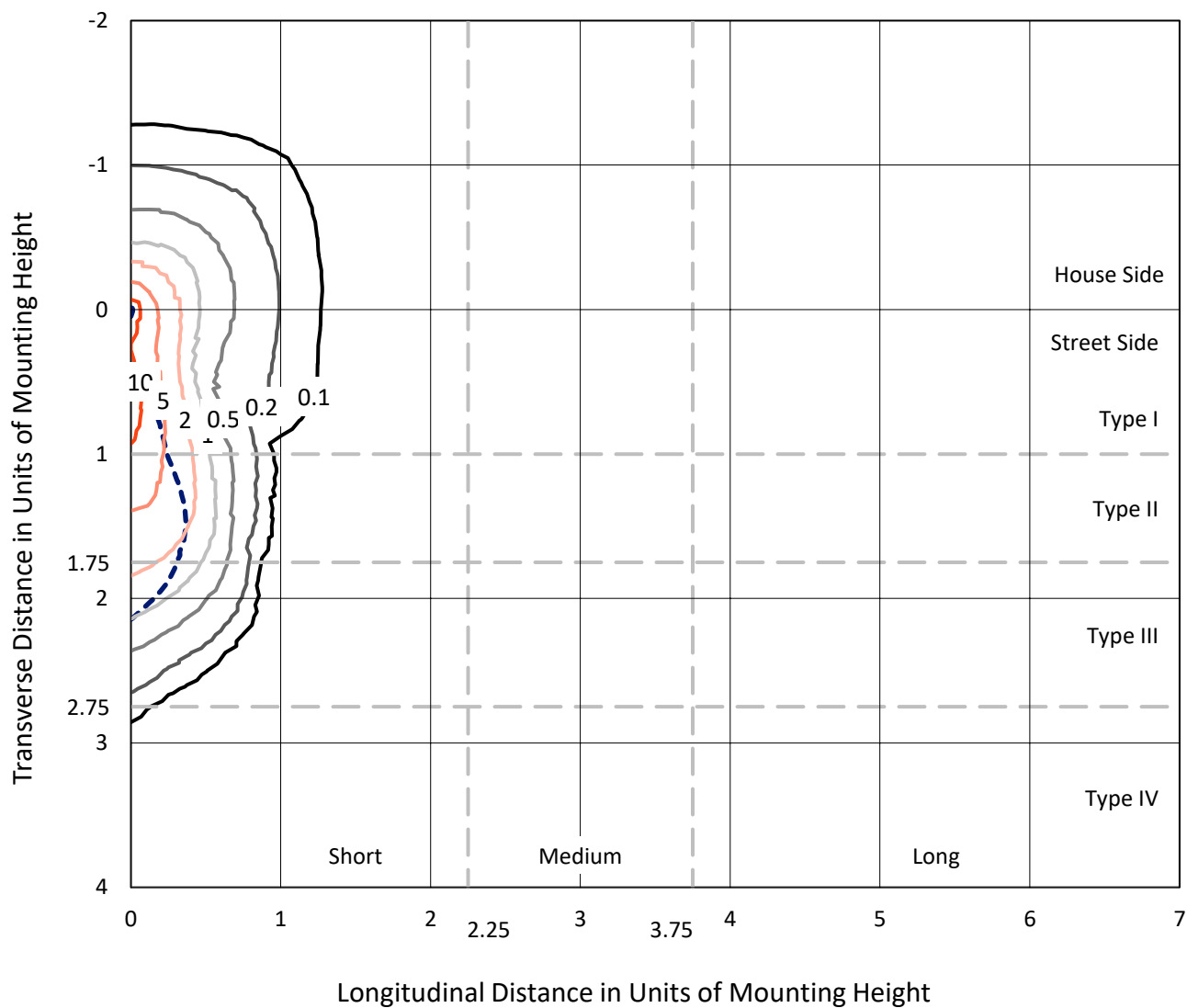
REPORT NUMBER: P533515

CATALOG NUMBER: GLAN-SA9A-722-U-SLR-GRSBK

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



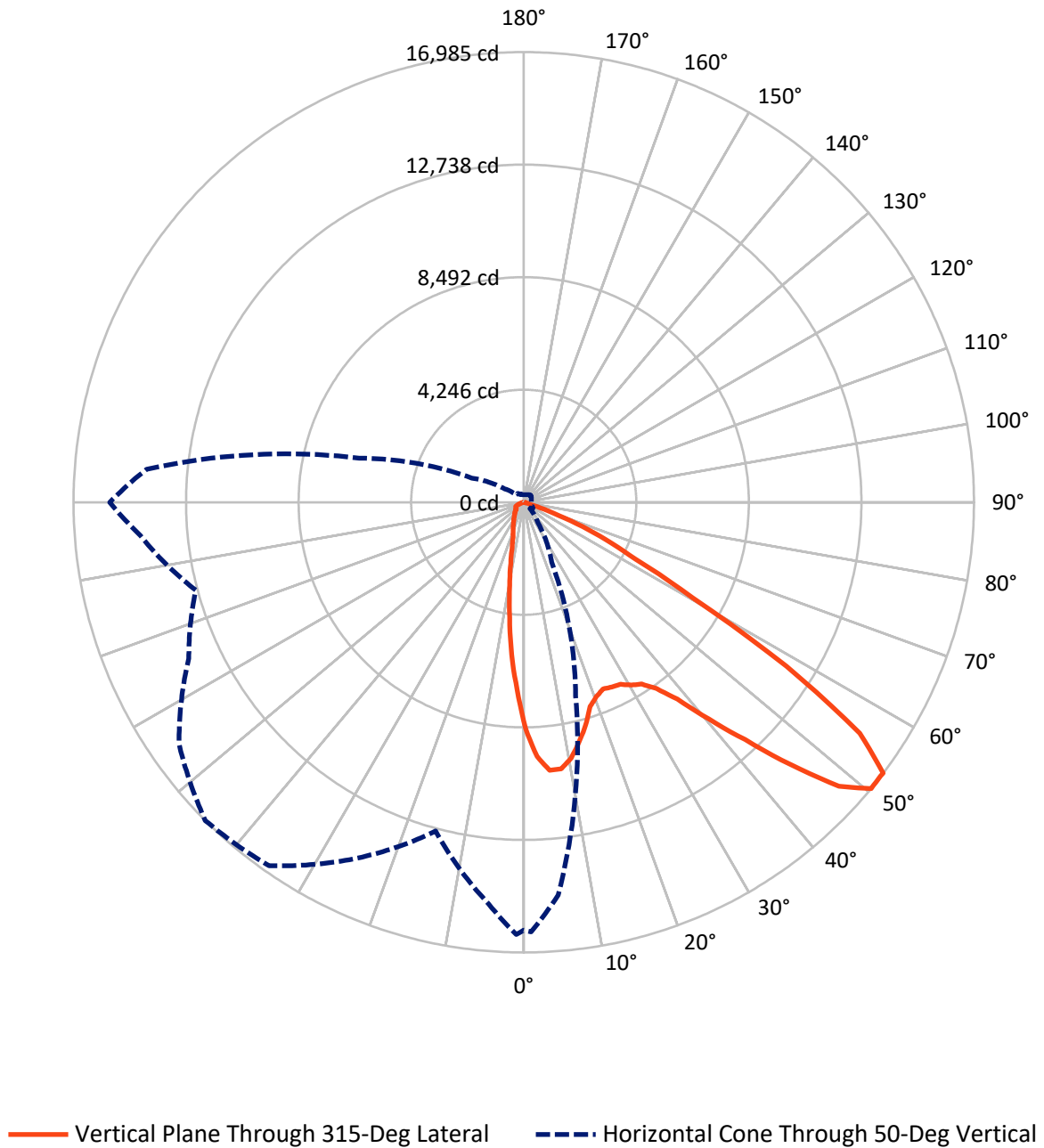
Based on 25 foot mounting height. Maximum calculated value = 13.7 fc

Type III - Short - N/A

REPORT NUMBER: P533515

CATALOG NUMBER: GLAN-SA9A-722-U-SLR-GRSBK

## Luminous Intensity Polar Plot



REPORT NUMBER: P533515

CATALOG NUMBER: GLAN-SA9A-722-U-SLR-GRSBK

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3374.7   | 0.0    | 3374.7  |
|                    | % Fixture | 20.0     | 0.0    | 20.0    |
| <b>Street Side</b> | Lumens    | 13473.3  | 0.0    | 13473.3 |
|                    | % Fixture | 80.0     | 0.0    | 80.0    |
| <b>Total</b>       | Lumens    | 16848.0  | 0.0    | 16848.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 622.8   | 3.7       |
| 10°-20°   | 1237.7  | 7.3       |
| 20°-30°   | 1859.4  | 11.0      |
| 30°-40°   | 2791.0  | 16.6      |
| 40°-50°   | 3922.5  | 23.3      |
| 50°-60°   | 4231.1  | 25.1      |
| 60°-70°   | 1964.5  | 11.7      |
| 70°-80°   | 184.8   | 1.1       |
| 80°-90°   | 34.1    | 0.2       |
| 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°    | 16848.0 | 100.0     |
| 0°-180°   | 16848.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P533515

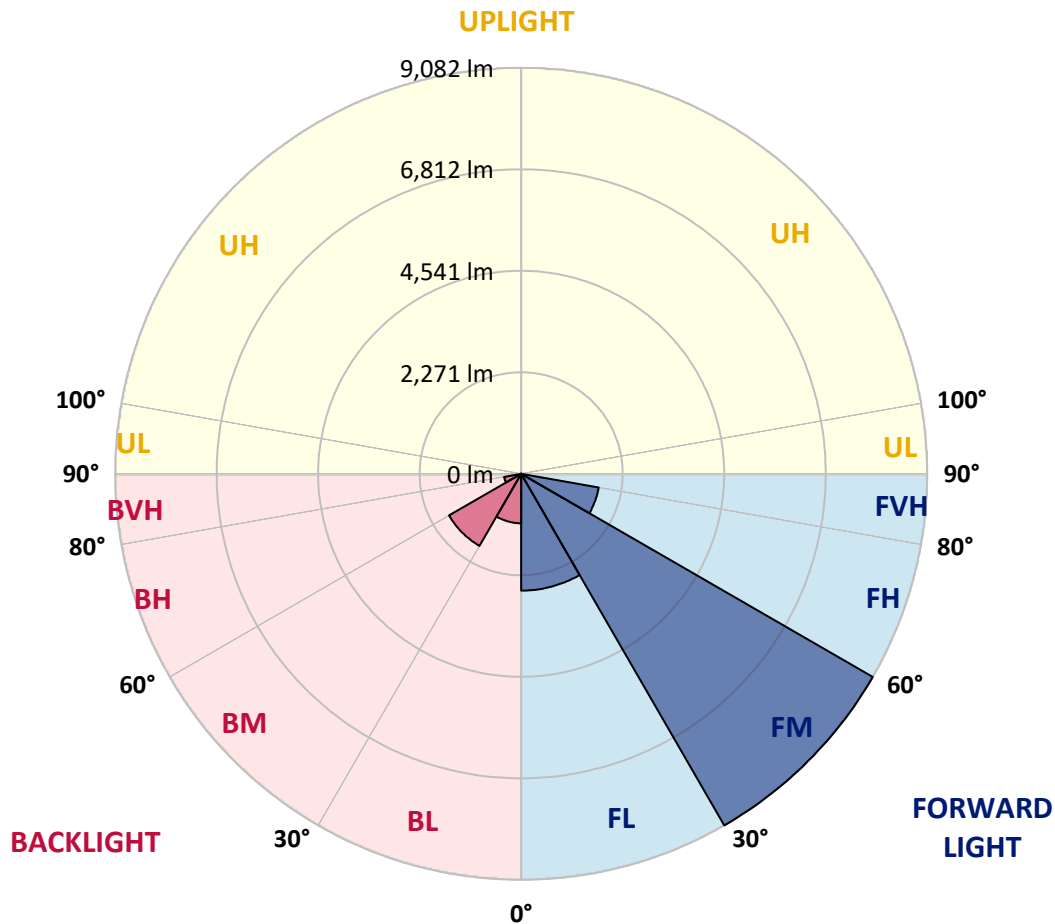
CATALOG NUMBER: GLAN-SA9A-722-U-SLR-GRSBK

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 2613.8 | 15.5      |                         |      |         |
| FM   | (30°-60°)   | 9082.3 | 53.9      |                         |      |         |
| FH   | (60°-80°)   | 1761.8 | 10.5      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 15.3   | 0.1       |                         |      | G1/100  |
| BL   | (0°-30°)    | 1106.1 | 6.6       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 1862.3 | 11.1      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 387.5  | 2.3       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 18.7   | 0.1       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G1**

Type III Short



REPORT NUMBER: P533515

CATALOG NUMBER: GLAN-SA9A-722-U-SLR-GRSBK

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 8544.1  | 8544.1  | 8544.1  | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 |
| 2.5°  | 8881.7  | 8744.6  | 8570.8  | 8427.1 | 8213.1 | 7781.9 | 7664.9 | 7524.5 | 7407.5 | 7250.4 | 7029.8 |
| 5°    | 8076.1  | 8032.6  | 7952.4  | 7410.9 | 7019.8 | 6498.3 | 6070.4 | 5889.9 | 5652.6 | 5458.7 | 5318.3 |
| 7.5°  | 7461.0  | 7287.2  | 7033.1  | 6488.3 | 5863.2 | 5304.9 | 4830.3 | 4552.8 | 4238.6 | 4131.6 | 3941.1 |
| 10°   | 6802.5  | 6842.6  | 6468.2  | 5702.7 | 4947.3 | 4496.0 | 4201.8 | 3934.4 | 3650.3 | 3463.1 | 3192.3 |
| 12.5° | 6591.9  | 6461.5  | 6174.1  | 5228.1 | 4582.9 | 4161.7 | 3804.0 | 3473.1 | 3172.3 | 2871.4 | 2610.7 |
| 15°   | 6728.9  | 6528.4  | 6127.3  | 5127.8 | 4302.1 | 3777.3 | 3329.4 | 2881.4 | 2604.0 | 2219.6 | 1948.8 |
| 17.5° | 7220.3  | 7059.9  | 6521.7  | 5234.7 | 4158.4 | 3409.6 | 2744.4 | 2283.1 | 1858.6 | 1510.9 | 1373.9 |
| 20°   | 8039.3  | 7812.0  | 7136.8  | 5371.8 | 3944.4 | 2965.0 | 2226.3 | 1658.0 | 1256.9 | 1109.8 | 1032.9 |
| 22.5° | 8841.6  | 8717.9  | 7865.5  | 5635.9 | 3753.9 | 2570.6 | 1671.4 | 1116.5 | 939.3  | 912.6  | 862.4  |
| 25°   | 10369.2 | 9998.2  | 8978.6  | 6113.9 | 3606.8 | 2199.5 | 1260.2 | 899.2  | 795.6  | 775.5  | 782.2  |
| 27.5° | 11278.4 | 10967.6 | 10008.2 | 6431.4 | 3443.0 | 1915.4 | 1066.3 | 825.7  | 755.5  | 712.0  | 695.3  |
| 30°   | 12150.9 | 11789.9 | 10519.6 | 6618.6 | 3092.0 | 1614.5 | 946.0  | 792.2  | 775.5  | 712.0  | 691.9  |
| 32.5° | 12822.8 | 12468.4 | 11258.4 | 6899.4 | 2948.3 | 1420.7 | 778.9  | 618.4  | 575.0  | 568.3  | 628.4  |
| 35°   | 13852.3 | 13474.6 | 11890.1 | 7053.2 | 2838.0 | 1320.4 | 675.2  | 551.6  | 501.4  | 481.4  | 484.7  |
| 37.5° | 14811.7 | 14554.3 | 12475.1 | 7113.4 | 2721.0 | 1290.3 | 605.0  | 494.7  | 451.3  | 437.9  | 434.6  |
| 40°   | 15614.0 | 15039.0 | 13030.0 | 7176.9 | 2670.9 | 1233.5 | 561.6  | 451.3  | 421.2  | 401.1  | 401.1  |
| 42.5° | 15981.7 | 15396.7 | 13651.8 | 7140.1 | 2657.5 | 1143.2 | 561.6  | 414.5  | 391.1  | 371.0  | 367.7  |
| 45°   | 15901.4 | 15664.1 | 13929.2 | 7123.4 | 2657.5 | 1053.0 | 511.4  | 404.5  | 371.0  | 344.3  | 337.6  |
| 47.5° | 16108.7 | 15797.8 | 14276.9 | 7193.6 | 2604.0 | 989.5  | 431.2  | 424.5  | 351.0  | 317.6  | 310.9  |
| 50°   | 16145.5 | 16205.6 | 14881.9 | 7557.9 | 2487.0 | 909.2  | 337.6  | 417.8  | 337.6  | 287.5  | 280.8  |
| 52°   | 16386.1 | 16011.8 | 15065.8 | 7751.8 | 2363.3 | 849.1  | 284.1  | 357.7  | 324.2  | 267.4  | 260.7  |
| 52.5° | 16055.2 | 16299.2 | 15109.2 | 7822.0 | 2376.7 | 808.9  | 274.1  | 351.0  | 317.6  | 267.4  | 250.7  |
| 55°   | 15684.2 | 15918.2 | 14932.0 | 7972.5 | 2179.5 | 635.1  | 213.9  | 254.0  | 287.5  | 234.0  | 224.0  |
| 57.5° | 13631.7 | 13869.1 | 12976.5 | 7300.6 | 1775.0 | 447.9  | 177.2  | 190.5  | 254.0  | 217.3  | 207.3  |
| 60°   | 12117.5 | 11947.0 | 10890.7 | 6090.5 | 1260.2 | 250.7  | 140.4  | 147.1  | 277.4  | 200.6  | 197.2  |
| 62.5° | 11074.5 | 10710.2 | 9102.3  | 4703.2 | 768.8  | 167.1  | 110.3  | 113.7  | 213.9  | 187.2  | 187.2  |
| 65°   | 8193.1  | 7785.3  | 6047.0  | 2844.7 | 377.7  | 117.0  | 83.6   | 90.3   | 133.7  | 160.5  | 160.5  |
| 67.5° | 4676.5  | 4519.4  | 2921.6  | 1283.6 | 157.1  | 73.5   | 63.5   | 70.2   | 103.6  | 130.4  | 123.7  |
| 70°   | 2149.4  | 1928.8  | 1123.2  | 270.8  | 73.5   | 50.1   | 50.1   | 56.8   | 83.6   | 96.9   | 90.3   |
| 72.5° | 628.4   | 595.0   | 274.1   | 43.5   | 30.1   | 30.1   | 33.4   | 43.5   | 63.5   | 73.5   | 66.9   |
| 75°   | 46.8    | 30.1    | 20.1    | 13.4   | 13.4   | 20.1   | 26.7   | 43.5   | 63.5   | 70.2   | 56.8   |
| 77.5° | 3.3     | 6.7     | 3.3     | 3.3    | 10.0   | 20.1   | 30.1   | 53.5   | 83.6   | 86.9   | 63.5   |
| 80°   | 3.3     | 3.3     | 0.0     | 3.3    | 10.0   | 20.1   | 33.4   | 60.2   | 93.6   | 100.3  | 53.5   |
| 82.5° | 0.0     | 0.0     | 0.0     | 3.3    | 13.4   | 26.7   | 40.1   | 63.5   | 86.9   | 107.0  | 56.8   |
| 85°   | 0.0     | 0.0     | 0.0     | 3.3    | 20.1   | 36.8   | 46.8   | 16.7   | 10.0   | 0.0    | 0.0    |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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: P533515

CATALOG NUMBER: GLAN-SA9A-722-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 |
| 2.5°  | 7186.9 | 7100.0 | 7066.6 | 7096.7 | 7086.6 | 7076.6 | 7260.4 | 7220.3 | 7213.6 | 7273.8 | 7260.4 |
| 5°    | 5395.2 | 5241.4 | 5662.6 | 5492.1 | 5669.3 | 5776.3 | 5796.3 | 5806.4 | 5930.0 | 5799.7 | 5970.1 |
| 7.5°  | 3844.2 | 3884.3 | 3880.9 | 3994.6 | 4198.5 | 4379.0 | 4486.0 | 4402.4 | 4395.7 | 4379.0 | 4305.5 |
| 10°   | 3072.0 | 3001.8 | 2988.4 | 2961.7 | 3025.2 | 3179.0 | 3309.3 | 3205.7 | 3132.2 | 3232.4 | 3202.4 |
| 12.5° | 2510.4 | 2413.5 | 2360.0 | 2253.0 | 2256.4 | 2360.0 | 2360.0 | 2360.0 | 2433.5 | 2490.3 | 2533.8 |
| 15°   | 1925.4 | 1845.2 | 1845.2 | 1738.2 | 1714.8 | 1718.2 | 1771.7 | 1778.3 | 1895.3 | 1928.8 | 1945.5 |
| 17.5° | 1347.1 | 1303.7 | 1353.8 | 1397.3 | 1370.5 | 1377.2 | 1397.3 | 1404.0 | 1420.7 | 1407.3 | 1440.7 |
| 20°   | 1036.3 | 1029.6 | 1042.9 | 1119.8 | 1176.6 | 1210.1 | 1186.7 | 1153.2 | 1133.2 | 1086.4 | 1086.4 |
| 22.5° | 879.1  | 892.5  | 915.9  | 979.4  | 1053.0 | 1073.0 | 1046.3 | 969.4  | 909.2  | 902.5  | 905.9  |
| 25°   | 782.2  | 795.6  | 832.3  | 872.5  | 912.6  | 946.0  | 919.3  | 862.4  | 829.0  | 798.9  | 798.9  |
| 27.5° | 722.0  | 728.7  | 748.8  | 778.9  | 812.3  | 839.0  | 829.0  | 798.9  | 762.1  | 748.8  | 718.7  |
| 30°   | 675.2  | 685.3  | 708.7  | 715.3  | 745.4  | 758.8  | 742.1  | 735.4  | 712.0  | 695.3  | 685.3  |
| 32.5° | 651.8  | 648.5  | 665.2  | 671.9  | 675.2  | 685.3  | 665.2  | 675.2  | 671.9  | 645.2  | 635.1  |
| 35°   | 491.4  | 518.1  | 561.6  | 598.4  | 608.4  | 621.8  | 618.4  | 605.0  | 568.3  | 538.2  | 501.4  |
| 37.5° | 441.2  | 458.0  | 481.4  | 511.4  | 551.6  | 568.3  | 561.6  | 528.2  | 484.7  | 464.6  | 458.0  |
| 40°   | 407.8  | 417.8  | 437.9  | 458.0  | 498.1  | 528.2  | 504.8  | 474.7  | 441.2  | 424.5  | 414.5  |
| 42.5° | 377.7  | 381.1  | 391.1  | 411.2  | 441.2  | 488.0  | 447.9  | 407.8  | 394.4  | 384.4  | 377.7  |
| 45°   | 344.3  | 344.3  | 357.7  | 367.7  | 401.1  | 444.6  | 404.5  | 367.7  | 361.0  | 354.3  | 351.0  |
| 47.5° | 317.6  | 320.9  | 327.6  | 341.0  | 367.7  | 397.8  | 371.0  | 341.0  | 324.2  | 320.9  | 314.2  |
| 50°   | 284.1  | 287.5  | 300.8  | 314.2  | 347.6  | 364.4  | 347.6  | 314.2  | 297.5  | 287.5  | 287.5  |
| 52°   | 257.4  | 267.4  | 280.8  | 307.5  | 330.9  | 357.7  | 337.6  | 300.8  | 280.8  | 270.8  | 264.1  |
| 52.5° | 254.0  | 260.7  | 274.1  | 304.2  | 330.9  | 354.3  | 334.3  | 297.5  | 274.1  | 267.4  | 260.7  |
| 55°   | 227.3  | 237.3  | 260.7  | 297.5  | 327.6  | 354.3  | 327.6  | 294.2  | 260.7  | 244.0  | 237.3  |
| 57.5° | 217.3  | 224.0  | 254.0  | 300.8  | 324.2  | 354.3  | 327.6  | 294.2  | 260.7  | 230.6  | 224.0  |
| 60°   | 207.3  | 220.6  | 254.0  | 290.8  | 320.9  | 357.7  | 330.9  | 290.8  | 254.0  | 217.3  | 217.3  |
| 62.5° | 197.2  | 207.3  | 250.7  | 284.1  | 307.5  | 344.3  | 317.6  | 284.1  | 244.0  | 207.3  | 203.9  |
| 65°   | 170.5  | 187.2  | 220.6  | 237.3  | 264.1  | 297.5  | 270.8  | 247.4  | 213.9  | 183.9  | 180.5  |
| 67.5° | 130.4  | 137.1  | 163.8  | 183.9  | 200.6  | 230.6  | 217.3  | 187.2  | 163.8  | 140.4  | 140.4  |
| 70°   | 90.3   | 96.9   | 117.0  | 127.0  | 143.7  | 160.5  | 150.4  | 127.0  | 110.3  | 96.9   | 93.6   |
| 72.5° | 63.5   | 66.9   | 73.5   | 80.2   | 86.9   | 93.6   | 90.3   | 73.5   | 63.5   | 60.2   | 56.8   |
| 75°   | 50.1   | 56.8   | 60.2   | 56.8   | 53.5   | 50.1   | 50.1   | 43.5   | 36.8   | 33.4   | 33.4   |
| 77.5° | 50.1   | 53.5   | 50.1   | 43.5   | 36.8   | 33.4   | 30.1   | 26.7   | 20.1   | 16.7   | 20.1   |
| 80°   | 43.5   | 43.5   | 43.5   | 36.8   | 33.4   | 30.1   | 26.7   | 23.4   | 20.1   | 16.7   | 16.7   |
| 82.5° | 46.8   | 46.8   | 43.5   | 36.8   | 36.8   | 30.1   | 30.1   | 26.7   | 23.4   | 16.7   | 16.7   |
| 85°   | 0.0    | 0.0    | 0.0    | 6.7    | 16.7   | 30.1   | 30.1   | 26.7   | 23.4   | 20.1   | 20.1   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 3.3    | 6.7    | 13.4   | 16.7   | 20.1   | 20.1   | 20.1   |
| 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: P533515

CATALOG NUMBER: GLAN-SA9A-722-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°    | 270°    | 275°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1 | 8544.1  | 8544.1  | 8544.1  |
| 2.5°  | 7380.8 | 7507.8 | 7748.5 | 7989.2 | 8136.2 | 8310.1 | 8624.3 | 8791.4 | 9008.7  | 9115.7  | 9326.3  |
| 5°    | 5946.7 | 6247.6 | 6354.6 | 6628.7 | 6922.8 | 7217.0 | 7685.0 | 8199.8 | 8627.6  | 8921.8  | 9302.9  |
| 7.5°  | 4338.9 | 4409.1 | 4823.6 | 5007.4 | 5488.8 | 6023.6 | 6662.1 | 7310.6 | 7852.1  | 8333.5  | 8624.3  |
| 10°   | 3252.5 | 3509.9 | 3770.6 | 4121.6 | 4509.4 | 5060.9 | 5672.6 | 6388.0 | 7090.0  | 7571.3  | 7939.0  |
| 12.5° | 2614.0 | 2817.9 | 3165.6 | 3543.3 | 4021.3 | 4385.7 | 5000.7 | 5709.4 | 6618.6  | 7090.0  | 7574.7  |
| 15°   | 1978.9 | 2239.6 | 2634.1 | 3025.2 | 3529.9 | 3914.4 | 4536.1 | 5428.6 | 6598.6  | 7247.1  | 7664.9  |
| 17.5° | 1467.5 | 1644.6 | 1999.0 | 2436.9 | 2951.6 | 3493.2 | 4332.2 | 5398.5 | 6822.5  | 7594.7  | 8025.9  |
| 20°   | 1123.2 | 1183.3 | 1407.3 | 1798.4 | 2356.6 | 3065.3 | 4001.3 | 5528.9 | 7484.4  | 8440.4  | 8878.3  |
| 22.5° | 909.2  | 936.0  | 1022.9 | 1293.6 | 1835.2 | 2690.9 | 3844.2 | 5619.2 | 8229.8  | 9453.3  | 10038.3 |
| 25°   | 792.2  | 785.5  | 842.4  | 959.4  | 1434.0 | 2339.9 | 3643.6 | 5960.1 | 9142.4  | 10643.3 | 11168.1 |
| 27.5° | 722.0  | 722.0  | 748.8  | 832.3  | 1190.0 | 2112.6 | 3516.6 | 6204.1 | 10061.7 | 11689.6 | 11973.7 |
| 30°   | 685.3  | 691.9  | 768.8  | 795.6  | 989.5  | 1841.9 | 3306.0 | 6451.5 | 10940.8 | 12358.1 | 12749.2 |
| 32.5° | 635.1  | 608.4  | 591.7  | 658.5  | 832.3  | 1597.8 | 3095.4 | 6555.1 | 11652.8 | 13177.1 | 13511.4 |
| 35°   | 488.0  | 474.7  | 494.7  | 544.9  | 715.3  | 1390.6 | 2861.4 | 6672.1 | 12471.8 | 14126.4 | 14193.3 |
| 37.5° | 441.2  | 437.9  | 451.3  | 494.7  | 601.7  | 1210.1 | 2694.3 | 6642.0 | 13096.9 | 14912.0 | 14731.5 |
| 40°   | 407.8  | 407.8  | 417.8  | 454.6  | 538.2  | 1083.0 | 2520.4 | 6615.3 | 13701.9 | 15794.5 | 15266.3 |
| 42.5° | 381.1  | 381.1  | 397.8  | 421.2  | 511.4  | 999.5  | 2390.1 | 6578.5 | 14210.0 | 16336.0 | 15580.5 |
| 45°   | 344.3  | 354.3  | 381.1  | 404.5  | 518.1  | 942.7  | 2293.1 | 6438.1 | 14383.8 | 16329.3 | 15430.1 |
| 47.5° | 317.6  | 330.9  | 357.7  | 391.1  | 468.0  | 925.9  | 2226.3 | 6314.4 | 14323.7 | 15928.2 | 14958.8 |
| 50°   | 287.5  | 304.2  | 341.0  | 397.8  | 397.8  | 892.5  | 2156.1 | 6424.8 | 14280.2 | 15617.3 | 14507.5 |
| 52°   | 267.4  | 280.8  | 327.6  | 387.8  | 347.6  | 822.3  | 2112.6 | 6638.7 | 14457.4 | 15577.2 | 14307.0 |
| 52.5° | 264.1  | 274.1  | 317.6  | 381.1  | 330.9  | 808.9  | 2082.5 | 6688.8 | 14514.2 | 15476.9 | 14444.0 |
| 55°   | 234.0  | 247.4  | 290.8  | 297.5  | 270.8  | 665.2  | 1985.6 | 6802.5 | 14233.4 | 15279.7 | 14313.6 |
| 57.5° | 220.6  | 227.3  | 257.4  | 244.0  | 234.0  | 501.4  | 1708.1 | 6625.3 | 12642.3 | 13571.6 | 13317.5 |
| 60°   | 203.9  | 210.6  | 240.7  | 190.5  | 197.2  | 351.0  | 1283.6 | 5752.9 | 10151.9 | 11308.5 | 11766.5 |
| 62.5° | 197.2  | 193.9  | 227.3  | 153.8  | 167.1  | 254.0  | 905.9  | 4676.5 | 7822.0  | 9309.5  | 10101.8 |
| 65°   | 173.8  | 170.5  | 163.8  | 130.4  | 143.7  | 197.2  | 541.5  | 3051.9 | 5512.2  | 7043.2  | 7477.7  |
| 67.5° | 133.7  | 140.4  | 120.3  | 103.6  | 120.3  | 153.8  | 300.8  | 1367.2 | 2891.5  | 4225.2  | 4576.2  |
| 70°   | 93.6   | 100.3  | 96.9   | 90.3   | 107.0  | 127.0  | 173.8  | 468.0  | 1196.7  | 2219.6  | 2446.9  |
| 72.5° | 56.8   | 70.2   | 73.5   | 76.9   | 93.6   | 110.3  | 123.7  | 150.4  | 317.6   | 785.5   | 976.1   |
| 75°   | 33.4   | 46.8   | 56.8   | 66.9   | 76.9   | 93.6   | 103.6  | 107.0  | 110.3   | 147.1   | 237.3   |
| 77.5° | 23.4   | 33.4   | 50.1   | 63.5   | 76.9   | 93.6   | 110.3  | 117.0  | 110.3   | 103.6   | 110.3   |
| 80°   | 20.1   | 33.4   | 46.8   | 60.2   | 80.2   | 96.9   | 110.3  | 110.3  | 107.0   | 93.6    | 100.3   |
| 82.5° | 20.1   | 33.4   | 50.1   | 63.5   | 76.9   | 93.6   | 107.0  | 110.3  | 100.3   | 93.6    | 96.9    |
| 85°   | 23.4   | 36.8   | 53.5   | 66.9   | 83.6   | 76.9   | 70.2   | 56.8   | 53.5    | 43.5    | 46.8    |
| 87.5° | 23.4   | 33.4   | 33.4   | 36.8   | 40.1   | 40.1   | 40.1   | 36.8   | 30.1    | 26.7    | 26.7    |
| 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: P533515

CATALOG NUMBER: GLAN-SA9A-722-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 8544.1  | 8544.1  | 8544.1  | 8544.1  | 8544.1  | 8544.1  | 8544.1  | 8544.1  | 8544.1  | 8544.1  |
| 2.5°  | 9336.3  | 9603.7  | 9593.7  | 9600.4  | 9560.3  | 9289.5  | 9159.1  | 8828.2  | 8921.8  | 8881.7  |
| 5°    | 9694.0  | 9958.0  | 10185.3 | 10158.6 | 9851.1  | 9483.4  | 8938.5  | 8423.7  | 8283.3  | 8076.1  |
| 7.5°  | 9336.3  | 9971.4  | 10182.0 | 10151.9 | 9697.3  | 9226.0  | 8356.9  | 7842.1  | 7598.1  | 7461.0  |
| 10°   | 8768.0  | 9503.4  | 9764.2  | 9817.6  | 9510.1  | 8794.8  | 7995.8  | 7170.2  | 7039.8  | 6802.5  |
| 12.5° | 8443.8  | 8978.6  | 9139.1  | 9282.8  | 9175.8  | 8641.0  | 7721.7  | 6929.5  | 6749.0  | 6591.9  |
| 15°   | 8179.7  | 8497.3  | 8564.1  | 8727.9  | 8791.4  | 8503.9  | 7865.5  | 7190.2  | 6745.7  | 6728.9  |
| 17.5° | 8423.7  | 8293.4  | 8049.3  | 8099.5  | 8300.0  | 8507.3  | 8236.5  | 7705.0  | 7273.8  | 7220.3  |
| 20°   | 8828.2  | 8253.2  | 7701.7  | 7825.4  | 7992.5  | 8627.6  | 8798.1  | 8423.7  | 8176.4  | 8039.3  |
| 22.5° | 9292.8  | 8323.4  | 7591.4  | 7651.5  | 7969.1  | 8898.4  | 9707.3  | 9500.1  | 9038.8  | 8841.6  |
| 25°   | 10151.9 | 8517.3  | 7678.3  | 7718.4  | 8153.0  | 9276.1  | 10529.7 | 10683.4 | 10409.3 | 10369.2 |
| 27.5° | 10991.0 | 9018.7  | 7868.8  | 7778.6  | 8246.6  | 9643.8  | 11027.7 | 11853.4 | 11372.0 | 11278.4 |
| 30°   | 11418.8 | 9426.5  | 8153.0  | 7999.2  | 8634.3  | 9867.8  | 11328.6 | 12615.5 | 12194.3 | 12150.9 |
| 32.5° | 12074.0 | 9797.6  | 8373.6  | 8176.4  | 8851.6  | 10145.2 | 11890.1 | 13447.9 | 13040.1 | 12822.8 |
| 35°   | 12348.1 | 10202.1 | 8858.3  | 8627.6  | 9473.3  | 10533.0 | 12177.6 | 14190.0 | 14062.9 | 13852.3 |
| 37.5° | 12876.3 | 10636.6 | 9429.9  | 9416.5  | 10225.5 | 11037.7 | 12695.8 | 15199.5 | 15176.1 | 14811.7 |
| 40°   | 12919.7 | 11111.3 | 10332.4 | 10753.6 | 11388.7 | 11916.9 | 13150.4 | 15480.3 | 15861.3 | 15614.0 |
| 42.5° | 12986.6 | 11943.6 | 11893.5 | 12241.1 | 12786.0 | 12672.4 | 13167.1 | 15547.1 | 16128.8 | 15981.7 |
| 45°   | 13016.7 | 12776.0 | 13481.3 | 14123.1 | 14350.4 | 13661.8 | 13010.0 | 15420.1 | 16269.1 | 15901.4 |
| 47.5° | 12776.0 | 13491.3 | 14764.9 | 16005.1 | 16071.9 | 14270.2 | 12943.1 | 15289.7 | 16352.7 | 16108.7 |
| 50°   | 12809.4 | 13939.3 | 15874.7 | 16984.5 | 16740.5 | 14808.4 | 12839.5 | 15209.5 | 16309.3 | 16145.5 |
| 52°   | 12729.2 | 13949.3 | 16031.8 | 16964.4 | 16794.0 | 14510.9 | 12662.3 | 14902.0 | 16269.1 | 16386.1 |
| 52.5° | 12819.4 | 13889.1 | 15868.0 | 16977.8 | 16757.2 | 14657.9 | 12638.9 | 15072.4 | 16292.5 | 16055.2 |
| 55°   | 12508.6 | 13173.8 | 14908.6 | 15380.0 | 15346.5 | 13304.1 | 11920.2 | 14507.5 | 15680.8 | 15684.2 |
| 57.5° | 11305.2 | 11418.8 | 11692.9 | 11682.9 | 11529.1 | 10459.5 | 10195.4 | 13340.9 | 13979.4 | 13631.7 |
| 60°   | 9961.4  | 8360.2  | 7621.5  | 7320.6  | 7150.1  | 6976.3  | 9018.7  | 12204.4 | 12264.5 | 12117.5 |
| 62.5° | 8607.6  | 5796.3  | 4813.6  | 4730.0  | 4770.1  | 5405.2  | 8717.9  | 11753.1 | 11392.1 | 11074.5 |
| 65°   | 6946.2  | 4225.2  | 3496.5  | 3386.2  | 3777.3  | 4462.6  | 7056.5  | 9012.0  | 8457.1  | 8193.1  |
| 67.5° | 4362.3  | 3082.0  | 2363.3  | 2156.1  | 2627.4  | 3072.0  | 4636.4  | 5662.6  | 5040.9  | 4676.5  |
| 70°   | 2587.3  | 1721.5  | 1069.7  | 959.4   | 1079.7  | 1637.9  | 2597.3  | 2824.6  | 2336.6  | 2149.4  |
| 72.5° | 1019.5  | 631.8   | 297.5   | 254.0   | 264.1   | 575.0   | 956.0   | 932.6   | 705.3   | 628.4   |
| 75°   | 274.1   | 190.5   | 103.6   | 83.6    | 70.2    | 107.0   | 153.8   | 100.3   | 36.8    | 46.8    |
| 77.5° | 127.0   | 113.7   | 90.3    | 70.2    | 53.5    | 40.1    | 20.1    | 6.7     | 6.7     | 3.3     |
| 80°   | 110.3   | 96.9    | 83.6    | 70.2    | 53.5    | 33.4    | 16.7    | 3.3     | 3.3     | 3.3     |
| 82.5° | 103.6   | 90.3    | 76.9    | 63.5    | 50.1    | 33.4    | 16.7    | 3.3     | 0.0     | 0.0     |
| 85°   | 43.5    | 56.8    | 63.5    | 60.2    | 53.5    | 33.4    | 16.7    | 3.3     | 0.0     | 0.0     |
| 87.5° | 23.4    | 20.1    | 16.7    | 13.4    | 10.0    | 6.7     | 6.7     | 0.0     | 0.0     | 0.0     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)