

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: P527015

Luminaire Tested: **GLAN-SA2A-730-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P527015  
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-SA2A-730-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(2) 70 CRI, 3000K, 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: 4630 lumens  
Efficiency: N/A  
Efficacy: 73.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G0

Input Watts (W): 63  
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



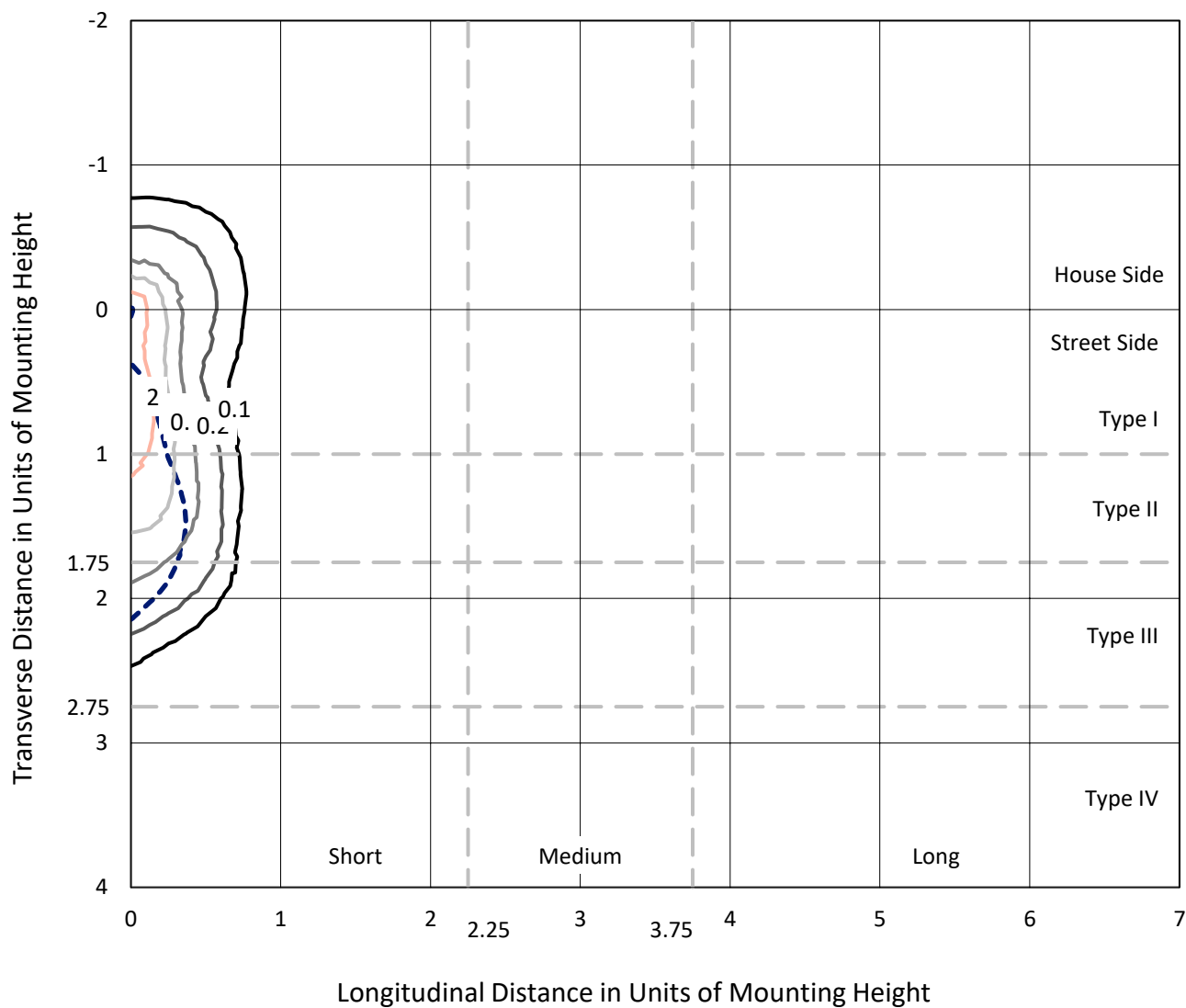
REPORT NUMBER: P527015

CATALOG NUMBER: GLAN-SA2A-730-U-SLR-GRSBK

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



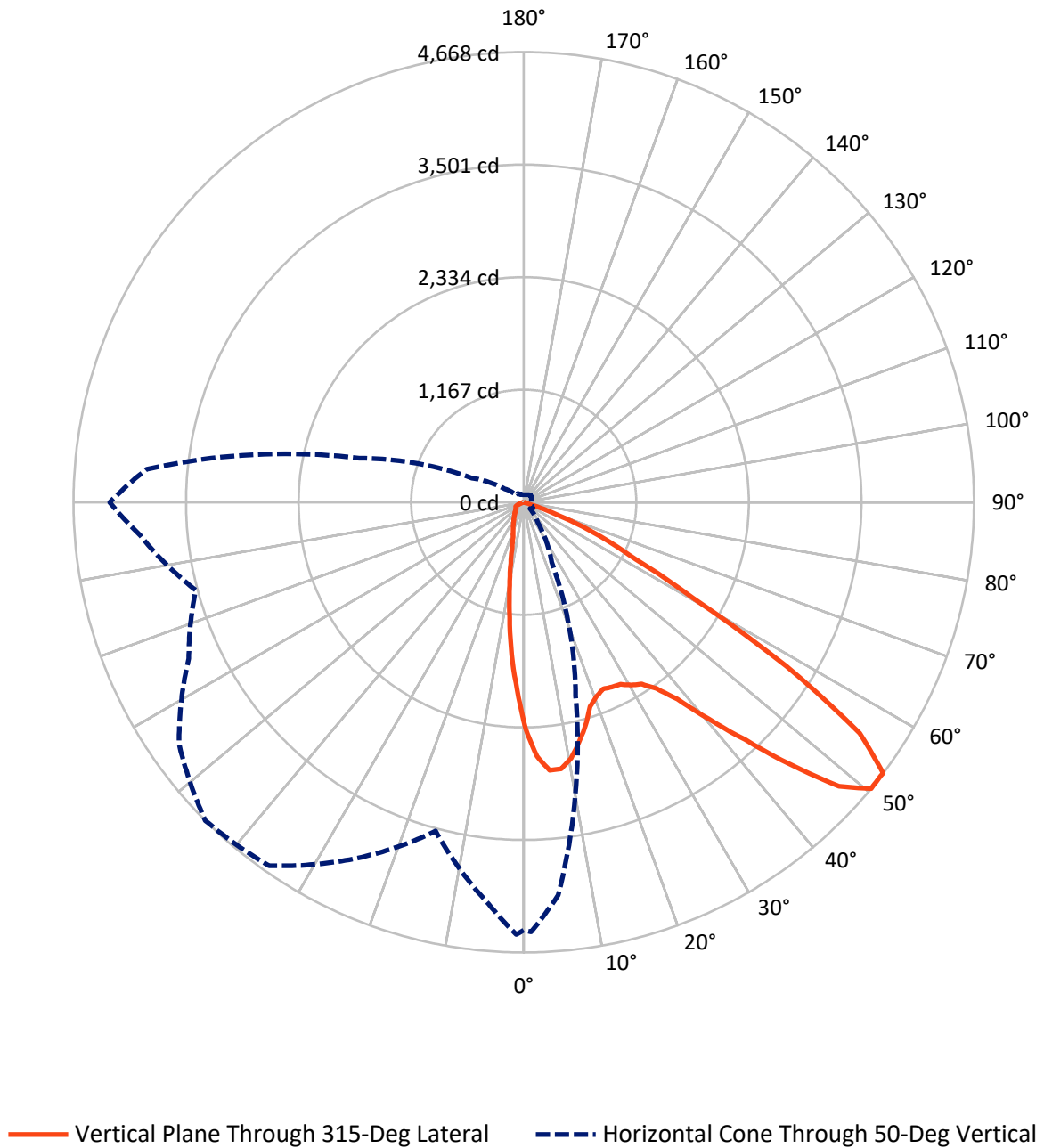
Based on 25 foot mounting height. Maximum calculated value = 3.8 fc

Type III - Short - N/A

REPORT NUMBER: P527015

CATALOG NUMBER: GLAN-SA2A-730-U-SLR-GRSBK

## Luminous Intensity Polar Plot



REPORT NUMBER: P527015

CATALOG NUMBER: GLAN-SA2A-730-U-SLR-GRSBK

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 927.4    | 0.0    | 927.4  |
|                    | % Fixture | 20.0     | 0.0    | 20.0   |
| <b>Street Side</b> | Lumens    | 3702.6   | 0.0    | 3702.6 |
|                    | % Fixture | 80.0     | 0.0    | 80.0   |
| <b>Total</b>       | Lumens    | 4630.0   | 0.0    | 4630.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 171.1  | 3.7       |
| 10°-20°   | 340.1  | 7.3       |
| 20°-30°   | 511.0  | 11.0      |
| 30°-40°   | 767.0  | 16.6      |
| 40°-50°   | 1078.0 | 23.3      |
| 50°-60°   | 1162.8 | 25.1      |
| 60°-70°   | 539.9  | 11.7      |
| 70°-80°   | 50.8   | 1.1       |
| 80°-90°   | 9.4    | 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°    | 4630.0 | 100.0     |
| 0°-180°   | 4630.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P527015

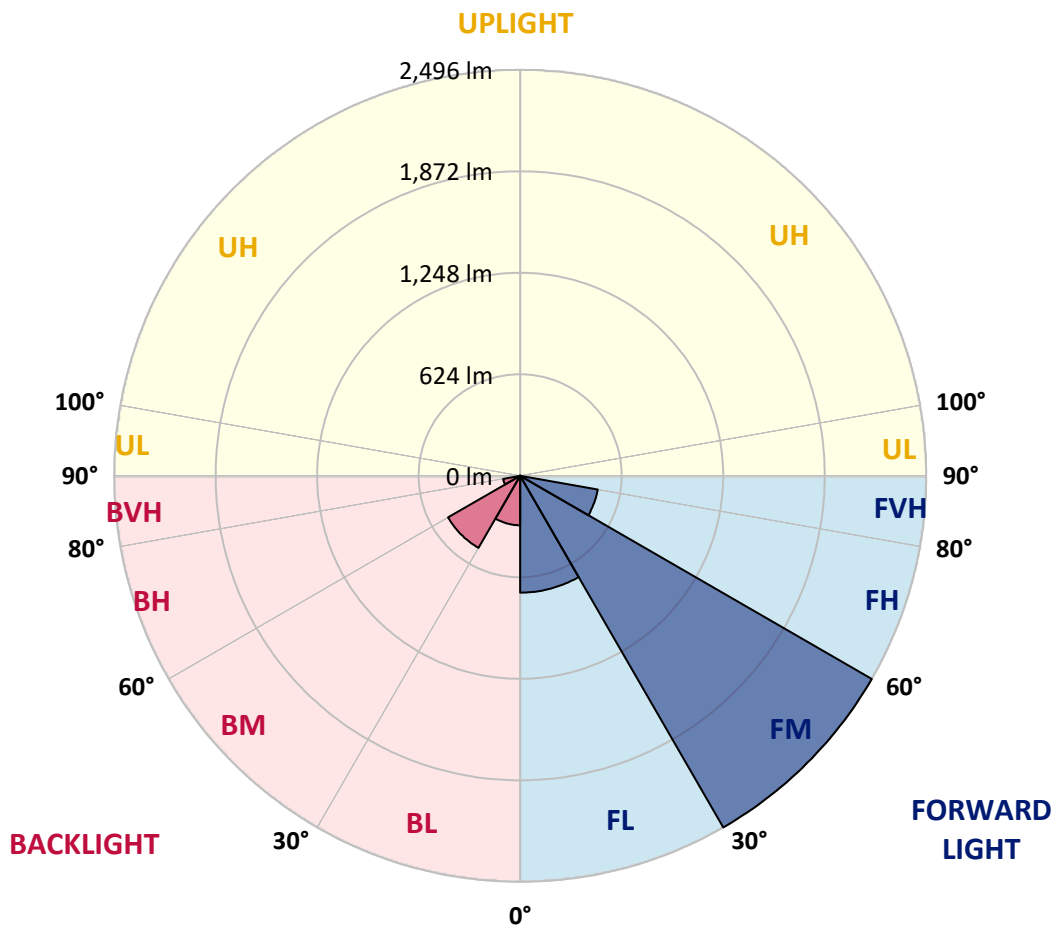
CATALOG NUMBER: GLAN-SA2A-730-U-SLR-GRSBK

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 718.3  | 15.5      |                         |      |        |
| FM   | (30°-60°)   | 2495.9 | 53.9      |                         |      |        |
| FH   | (60°-80°)   | 484.2  | 10.5      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 4.2    | 0.1       |                         |      | G0/10  |
| BL   | (0°-30°)    | 304.0  | 6.6       | B1/500                  |      |        |
| BM   | (30°-60°)   | 511.8  | 11.1      | B1/1000                 |      |        |
| BH   | (60°-80°)   | 106.5  | 2.3       | B0/110                  |      | G0/110 |
| BVH  | (80°-90°)   | 5.1    | 0.1       |                         |      | G0/10  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B1-U0-G0**

Type III Short



REPORT NUMBER: P527015

CATALOG NUMBER: GLAN-SA2A-730-U-SLR-GRSBK

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 |
| 2.5°  | 2440.8 | 2403.1 | 2355.3 | 2315.8 | 2257.1 | 2138.5 | 2106.4 | 2067.8 | 2035.7 | 1992.5 | 1931.9 |
| 5°    | 2219.4 | 2207.4 | 2185.4 | 2036.6 | 1929.1 | 1785.8 | 1668.2 | 1618.6 | 1553.4 | 1500.1 | 1461.5 |
| 7.5°  | 2050.4 | 2002.6 | 1932.8 | 1783.0 | 1611.3 | 1457.9 | 1327.4 | 1251.2 | 1164.8 | 1135.4 | 1083.1 |
| 10°   | 1869.4 | 1880.4 | 1777.5 | 1567.2 | 1359.6 | 1235.5 | 1154.7 | 1081.2 | 1003.1 | 951.7  | 877.3  |
| 12.5° | 1811.5 | 1775.7 | 1696.7 | 1436.7 | 1259.4 | 1143.7 | 1045.4 | 954.4  | 871.8  | 789.1  | 717.4  |
| 15°   | 1849.2 | 1794.1 | 1683.8 | 1409.2 | 1182.3 | 1038.0 | 914.9  | 791.9  | 715.6  | 610.0  | 535.6  |
| 17.5° | 1984.2 | 1940.1 | 1792.2 | 1438.6 | 1142.8 | 937.0  | 754.2  | 627.4  | 510.8  | 415.2  | 377.6  |
| 20°   | 2209.3 | 2146.8 | 1961.3 | 1476.2 | 1084.0 | 814.8  | 611.8  | 455.6  | 345.4  | 305.0  | 283.9  |
| 22.5° | 2429.8 | 2395.8 | 2161.5 | 1548.8 | 1031.6 | 706.4  | 459.3  | 306.8  | 258.1  | 250.8  | 237.0  |
| 25°   | 2849.6 | 2747.6 | 2467.4 | 1680.2 | 991.2  | 604.5  | 346.3  | 247.1  | 218.6  | 213.1  | 215.0  |
| 27.5° | 3099.4 | 3014.0 | 2750.3 | 1767.4 | 946.2  | 526.4  | 293.0  | 226.9  | 207.6  | 195.7  | 191.1  |
| 30°   | 3339.2 | 3240.0 | 2890.9 | 1818.9 | 849.7  | 443.7  | 260.0  | 217.7  | 213.1  | 195.7  | 190.2  |
| 32.5° | 3523.8 | 3426.5 | 3093.9 | 1896.0 | 810.2  | 390.4  | 214.0  | 169.9  | 158.0  | 156.2  | 172.7  |
| 35°   | 3806.8 | 3703.0 | 3267.5 | 1938.3 | 779.9  | 362.9  | 185.6  | 151.6  | 137.8  | 132.3  | 133.2  |
| 37.5° | 4070.4 | 3999.7 | 3428.3 | 1954.8 | 747.8  | 354.6  | 166.3  | 136.0  | 124.0  | 120.3  | 119.4  |
| 40°   | 4290.9 | 4132.9 | 3580.8 | 1972.3 | 734.0  | 339.0  | 154.3  | 124.0  | 115.7  | 110.2  | 110.2  |
| 42.5° | 4391.9 | 4231.2 | 3751.6 | 1962.2 | 730.3  | 314.2  | 154.3  | 113.9  | 107.5  | 102.0  | 101.0  |
| 45°   | 4369.9 | 4304.7 | 3827.9 | 1957.6 | 730.3  | 289.4  | 140.5  | 111.2  | 102.0  | 94.6   | 92.8   |
| 47.5° | 4426.8 | 4341.4 | 3923.4 | 1976.9 | 715.6  | 271.9  | 118.5  | 116.7  | 96.5   | 87.3   | 85.4   |
| 50°   | 4436.9 | 4453.5 | 4089.7 | 2077.0 | 683.5  | 249.9  | 92.8   | 114.8  | 92.8   | 79.0   | 77.2   |
| 52°   | 4503.1 | 4400.2 | 4140.2 | 2130.3 | 649.5  | 233.3  | 78.1   | 98.3   | 89.1   | 73.5   | 71.7   |
| 52.5° | 4412.1 | 4479.2 | 4152.2 | 2149.6 | 653.1  | 222.3  | 75.3   | 96.5   | 87.3   | 73.5   | 68.9   |
| 55°   | 4310.2 | 4374.5 | 4103.5 | 2190.9 | 598.9  | 174.5  | 58.8   | 69.8   | 79.0   | 64.3   | 61.5   |
| 57.5° | 3746.1 | 3811.4 | 3566.1 | 2006.3 | 487.8  | 123.1  | 48.7   | 52.4   | 69.8   | 59.7   | 57.0   |
| 60°   | 3330.0 | 3283.1 | 2992.9 | 1673.7 | 346.3  | 68.9   | 38.6   | 40.4   | 76.2   | 55.1   | 54.2   |
| 62.5° | 3043.4 | 2943.3 | 2501.4 | 1292.5 | 211.3  | 45.9   | 30.3   | 31.2   | 58.8   | 51.4   | 51.4   |
| 65°   | 2251.5 | 2139.5 | 1661.8 | 781.7  | 103.8  | 32.2   | 23.0   | 24.8   | 36.7   | 44.1   | 44.1   |
| 67.5° | 1285.1 | 1242.0 | 802.9  | 352.8  | 43.2   | 20.2   | 17.5   | 19.3   | 28.5   | 35.8   | 34.0   |
| 70°   | 590.7  | 530.0  | 308.7  | 74.4   | 20.2   | 13.8   | 13.8   | 15.6   | 23.0   | 26.6   | 24.8   |
| 72.5° | 172.7  | 163.5  | 75.3   | 11.9   | 8.3    | 8.3    | 9.2    | 11.9   | 17.5   | 20.2   | 18.4   |
| 75°   | 12.9   | 8.3    | 5.5    | 3.7    | 3.7    | 5.5    | 7.3    | 11.9   | 17.5   | 19.3   | 15.6   |
| 77.5° | 0.9    | 1.8    | 0.9    | 0.9    | 2.8    | 5.5    | 8.3    | 14.7   | 23.0   | 23.9   | 17.5   |
| 80°   | 0.9    | 0.9    | 0.0    | 0.9    | 2.8    | 5.5    | 9.2    | 16.5   | 25.7   | 27.6   | 14.7   |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.9    | 3.7    | 7.3    | 11.0   | 17.5   | 23.9   | 29.4   | 15.6   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.9    | 5.5    | 10.1   | 12.9   | 4.6    | 2.8    | 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: P527015

CATALOG NUMBER: GLAN-SA2A-730-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 |
| 2.5°  | 1975.0 | 1951.1 | 1942.0 | 1950.2 | 1947.5 | 1944.7 | 1995.2 | 1984.2 | 1982.4 | 1998.9 | 1995.2 |
| 5°    | 1482.7 | 1440.4 | 1556.1 | 1509.3 | 1558.0 | 1587.4 | 1592.9 | 1595.6 | 1629.6 | 1593.8 | 1640.7 |
| 7.5°  | 1056.4 | 1067.4 | 1066.5 | 1097.8 | 1153.8 | 1203.4 | 1232.8 | 1209.8 | 1208.0 | 1203.4 | 1183.2 |
| 10°   | 844.2  | 824.9  | 821.2  | 813.9  | 831.4  | 873.6  | 909.4  | 881.0  | 860.7  | 888.3  | 880.0  |
| 12.5° | 689.9  | 663.2  | 648.5  | 619.2  | 620.1  | 648.5  | 648.5  | 648.5  | 668.8  | 684.4  | 696.3  |
| 15°   | 529.1  | 507.1  | 507.1  | 477.7  | 471.3  | 472.2  | 486.9  | 488.7  | 520.9  | 530.0  | 534.6  |
| 17.5° | 370.2  | 358.3  | 372.0  | 384.0  | 376.6  | 378.5  | 384.0  | 385.8  | 390.4  | 386.7  | 395.9  |
| 20°   | 284.8  | 282.9  | 286.6  | 307.7  | 323.4  | 332.5  | 326.1  | 316.9  | 311.4  | 298.6  | 298.6  |
| 22.5° | 241.6  | 245.3  | 251.7  | 269.2  | 289.4  | 294.9  | 287.5  | 266.4  | 249.9  | 248.0  | 248.9  |
| 25°   | 215.0  | 218.6  | 228.7  | 239.8  | 250.8  | 260.0  | 252.6  | 237.0  | 227.8  | 219.6  | 219.6  |
| 27.5° | 198.4  | 200.3  | 205.8  | 214.0  | 223.2  | 230.6  | 227.8  | 219.6  | 209.4  | 205.8  | 197.5  |
| 30°   | 185.6  | 188.3  | 194.7  | 196.6  | 204.9  | 208.5  | 203.9  | 202.1  | 195.7  | 191.1  | 188.3  |
| 32.5° | 179.1  | 178.2  | 182.8  | 184.6  | 185.6  | 188.3  | 182.8  | 185.6  | 184.6  | 177.3  | 174.5  |
| 35°   | 135.0  | 142.4  | 154.3  | 164.4  | 167.2  | 170.9  | 169.9  | 166.3  | 156.2  | 147.9  | 137.8  |
| 37.5° | 121.3  | 125.9  | 132.3  | 140.5  | 151.6  | 156.2  | 154.3  | 145.1  | 133.2  | 127.7  | 125.9  |
| 40°   | 112.1  | 114.8  | 120.3  | 125.9  | 136.9  | 145.1  | 138.7  | 130.4  | 121.3  | 116.7  | 113.9  |
| 42.5° | 103.8  | 104.7  | 107.5  | 113.0  | 121.3  | 134.1  | 123.1  | 112.1  | 108.4  | 105.6  | 103.8  |
| 45°   | 94.6   | 94.6   | 98.3   | 101.0  | 110.2  | 122.2  | 111.2  | 101.0  | 99.2   | 97.4   | 96.5   |
| 47.5° | 87.3   | 88.2   | 90.0   | 93.7   | 101.0  | 109.3  | 102.0  | 93.7   | 89.1   | 88.2   | 86.4   |
| 50°   | 78.1   | 79.0   | 82.7   | 86.4   | 95.5   | 100.1  | 95.5   | 86.4   | 81.8   | 79.0   | 79.0   |
| 52°   | 70.7   | 73.5   | 77.2   | 84.5   | 90.9   | 98.3   | 92.8   | 82.7   | 77.2   | 74.4   | 72.6   |
| 52.5° | 69.8   | 71.7   | 75.3   | 83.6   | 90.9   | 97.4   | 91.9   | 81.8   | 75.3   | 73.5   | 71.7   |
| 55°   | 62.5   | 65.2   | 71.7   | 81.8   | 90.0   | 97.4   | 90.0   | 80.8   | 71.7   | 67.1   | 65.2   |
| 57.5° | 59.7   | 61.5   | 69.8   | 82.7   | 89.1   | 97.4   | 90.0   | 80.8   | 71.7   | 63.4   | 61.5   |
| 60°   | 57.0   | 60.6   | 69.8   | 79.9   | 88.2   | 98.3   | 90.9   | 79.9   | 69.8   | 59.7   | 59.7   |
| 62.5° | 54.2   | 57.0   | 68.9   | 78.1   | 84.5   | 94.6   | 87.3   | 78.1   | 67.1   | 57.0   | 56.0   |
| 65°   | 46.8   | 51.4   | 60.6   | 65.2   | 72.6   | 81.8   | 74.4   | 68.0   | 58.8   | 50.5   | 49.6   |
| 67.5° | 35.8   | 37.7   | 45.0   | 50.5   | 55.1   | 63.4   | 59.7   | 51.4   | 45.0   | 38.6   | 38.6   |
| 70°   | 24.8   | 26.6   | 32.2   | 34.9   | 39.5   | 44.1   | 41.3   | 34.9   | 30.3   | 26.6   | 25.7   |
| 72.5° | 17.5   | 18.4   | 20.2   | 22.0   | 23.9   | 25.7   | 24.8   | 20.2   | 17.5   | 16.5   | 15.6   |
| 75°   | 13.8   | 15.6   | 16.5   | 15.6   | 14.7   | 13.8   | 13.8   | 11.9   | 10.1   | 9.2    | 9.2    |
| 77.5° | 13.8   | 14.7   | 13.8   | 11.9   | 10.1   | 9.2    | 8.3    | 7.3    | 5.5    | 4.6    | 5.5    |
| 80°   | 11.9   | 11.9   | 11.9   | 10.1   | 9.2    | 8.3    | 7.3    | 6.4    | 5.5    | 4.6    | 4.6    |
| 82.5° | 12.9   | 12.9   | 11.9   | 10.1   | 10.1   | 8.3    | 8.3    | 7.3    | 6.4    | 4.6    | 4.6    |
| 85°   | 0.0    | 0.0    | 0.0    | 1.8    | 4.6    | 8.3    | 8.3    | 7.3    | 6.4    | 5.5    | 5.5    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.9    | 1.8    | 3.7    | 4.6    | 5.5    | 5.5    | 5.5    |
| 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: P527015

CATALOG NUMBER: GLAN-SA2A-730-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 |
| 2.5°  | 2028.3 | 2063.2 | 2129.4 | 2195.5 | 2235.9 | 2283.7 | 2370.0 | 2416.0 | 2475.7 | 2505.1 | 2563.0 |
| 5°    | 1634.2 | 1716.9 | 1746.3 | 1821.6 | 1902.5 | 1983.3 | 2111.9 | 2253.4 | 2371.0 | 2451.8 | 2556.5 |
| 7.5°  | 1192.4 | 1211.7 | 1325.6 | 1376.1 | 1508.4 | 1655.4 | 1830.8 | 2009.0 | 2157.8 | 2290.1 | 2370.0 |
| 10°   | 893.8  | 964.6  | 1036.2 | 1132.7 | 1239.2 | 1390.8 | 1558.9 | 1755.5 | 1948.4 | 2080.7 | 2181.7 |
| 12.5° | 718.4  | 774.4  | 869.9  | 973.7  | 1105.1 | 1205.2 | 1374.3 | 1569.0 | 1818.9 | 1948.4 | 2081.6 |
| 15°   | 543.8  | 615.5  | 723.9  | 831.4  | 970.1  | 1075.7 | 1246.6 | 1491.8 | 1813.4 | 1991.6 | 2106.4 |
| 17.5° | 403.3  | 452.0  | 549.3  | 669.7  | 811.1  | 960.0  | 1190.5 | 1483.6 | 1874.9 | 2087.1 | 2205.6 |
| 20°   | 308.7  | 325.2  | 386.7  | 494.2  | 647.6  | 842.4  | 1099.6 | 1519.4 | 2056.8 | 2319.5 | 2439.9 |
| 22.5° | 249.9  | 257.2  | 281.1  | 355.5  | 504.3  | 739.5  | 1056.4 | 1544.2 | 2261.6 | 2597.9 | 2758.6 |
| 25°   | 217.7  | 215.9  | 231.5  | 263.6  | 394.1  | 643.0  | 1001.3 | 1637.9 | 2512.4 | 2924.9 | 3069.1 |
| 27.5° | 198.4  | 198.4  | 205.8  | 228.7  | 327.0  | 580.6  | 966.4  | 1705.0 | 2765.0 | 3212.4 | 3290.5 |
| 30°   | 188.3  | 190.2  | 211.3  | 218.6  | 271.9  | 506.2  | 908.5  | 1772.9 | 3006.6 | 3396.1 | 3503.6 |
| 32.5° | 174.5  | 167.2  | 162.6  | 181.0  | 228.7  | 439.1  | 850.6  | 1801.4 | 3202.3 | 3621.2 | 3713.1 |
| 35°   | 134.1  | 130.4  | 136.0  | 149.7  | 196.6  | 382.1  | 786.3  | 1833.6 | 3427.4 | 3882.1 | 3900.5 |
| 37.5° | 121.3  | 120.3  | 124.0  | 136.0  | 165.4  | 332.5  | 740.4  | 1825.3 | 3599.2 | 4098.0 | 4048.4 |
| 40°   | 112.1  | 112.1  | 114.8  | 124.9  | 147.9  | 297.6  | 692.6  | 1817.9 | 3765.4 | 4340.5 | 4195.3 |
| 42.5° | 104.7  | 104.7  | 109.3  | 115.7  | 140.5  | 274.7  | 656.8  | 1807.8 | 3905.1 | 4489.3 | 4281.7 |
| 45°   | 94.6   | 97.4   | 104.7  | 111.2  | 142.4  | 259.1  | 630.2  | 1769.3 | 3952.8 | 4487.5 | 4240.4 |
| 47.5° | 87.3   | 90.9   | 98.3   | 107.5  | 128.6  | 254.5  | 611.8  | 1735.3 | 3936.3 | 4377.2 | 4110.8 |
| 50°   | 79.0   | 83.6   | 93.7   | 109.3  | 109.3  | 245.3  | 592.5  | 1765.6 | 3924.3 | 4291.8 | 3986.8 |
| 52°   | 73.5   | 77.2   | 90.0   | 106.6  | 95.5   | 226.0  | 580.6  | 1824.4 | 3973.0 | 4280.8 | 3931.7 |
| 52.5° | 72.6   | 75.3   | 87.3   | 104.7  | 90.9   | 222.3  | 572.3  | 1838.2 | 3988.6 | 4253.2 | 3969.4 |
| 55°   | 64.3   | 68.0   | 79.9   | 81.8   | 74.4   | 182.8  | 545.7  | 1869.4 | 3911.5 | 4199.0 | 3933.5 |
| 57.5° | 60.6   | 62.5   | 70.7   | 67.1   | 64.3   | 137.8  | 469.4  | 1820.7 | 3474.2 | 3729.6 | 3659.8 |
| 60°   | 56.0   | 57.9   | 66.1   | 52.4   | 54.2   | 96.5   | 352.8  | 1580.9 | 2789.9 | 3107.7 | 3233.5 |
| 62.5° | 54.2   | 53.3   | 62.5   | 42.3   | 45.9   | 69.8   | 248.9  | 1285.1 | 2149.6 | 2558.4 | 2776.1 |
| 65°   | 47.8   | 46.8   | 45.0   | 35.8   | 39.5   | 54.2   | 148.8  | 838.7  | 1514.8 | 1935.5 | 2055.0 |
| 67.5° | 36.7   | 38.6   | 33.1   | 28.5   | 33.1   | 42.3   | 82.7   | 375.7  | 794.6  | 1161.1 | 1257.6 |
| 70°   | 25.7   | 27.6   | 26.6   | 24.8   | 29.4   | 34.9   | 47.8   | 128.6  | 328.9  | 610.0  | 672.4  |
| 72.5° | 15.6   | 19.3   | 20.2   | 21.1   | 25.7   | 30.3   | 34.0   | 41.3   | 87.3   | 215.9  | 268.2  |
| 75°   | 9.2    | 12.9   | 15.6   | 18.4   | 21.1   | 25.7   | 28.5   | 29.4   | 30.3   | 40.4   | 65.2   |
| 77.5° | 6.4    | 9.2    | 13.8   | 17.5   | 21.1   | 25.7   | 30.3   | 32.2   | 30.3   | 28.5   | 30.3   |
| 80°   | 5.5    | 9.2    | 12.9   | 16.5   | 22.0   | 26.6   | 30.3   | 30.3   | 29.4   | 25.7   | 27.6   |
| 82.5° | 5.5    | 9.2    | 13.8   | 17.5   | 21.1   | 25.7   | 29.4   | 30.3   | 27.6   | 25.7   | 26.6   |
| 85°   | 6.4    | 10.1   | 14.7   | 18.4   | 23.0   | 21.1   | 19.3   | 15.6   | 14.7   | 11.9   | 12.9   |
| 87.5° | 6.4    | 9.2    | 9.2    | 10.1   | 11.0   | 11.0   | 11.0   | 10.1   | 8.3    | 7.3    | 7.3    |
| 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: P527015

CATALOG NUMBER: GLAN-SA2A-730-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 | 2348.0 |
| 2.5°  | 2565.7 | 2639.2 | 2636.4 | 2638.3 | 2627.3 | 2552.8 | 2517.0 | 2426.1 | 2451.8 | 2440.8 |
| 5°    | 2664.0 | 2736.6 | 2799.0 | 2791.7 | 2707.2 | 2606.1 | 2456.4 | 2314.9 | 2276.3 | 2219.4 |
| 7.5°  | 2565.7 | 2740.2 | 2798.1 | 2789.9 | 2664.9 | 2535.4 | 2296.6 | 2155.1 | 2088.0 | 2050.4 |
| 10°   | 2409.5 | 2611.6 | 2683.3 | 2698.0 | 2613.5 | 2416.9 | 2197.3 | 1970.4 | 1934.6 | 1869.4 |
| 12.5° | 2320.4 | 2467.4 | 2511.5 | 2551.0 | 2521.6 | 2374.6 | 2122.0 | 1904.3 | 1854.7 | 1811.5 |
| 15°   | 2247.9 | 2335.1 | 2353.5 | 2398.5 | 2416.0 | 2337.0 | 2161.5 | 1976.0 | 1853.8 | 1849.2 |
| 17.5° | 2314.9 | 2279.1 | 2212.0 | 2225.8 | 2280.9 | 2337.9 | 2263.5 | 2117.4 | 1998.9 | 1984.2 |
| 20°   | 2426.1 | 2268.1 | 2116.5 | 2150.5 | 2196.4 | 2371.0 | 2417.8 | 2314.9 | 2246.9 | 2209.3 |
| 22.5° | 2553.8 | 2287.4 | 2086.2 | 2102.7 | 2190.0 | 2445.4 | 2667.7 | 2610.7 | 2483.9 | 2429.8 |
| 25°   | 2789.9 | 2340.6 | 2110.1 | 2121.1 | 2240.5 | 2549.2 | 2893.7 | 2935.9 | 2860.6 | 2849.6 |
| 27.5° | 3020.4 | 2478.4 | 2162.4 | 2137.6 | 2266.2 | 2650.2 | 3030.5 | 3257.4 | 3125.1 | 3099.4 |
| 30°   | 3138.0 | 2590.5 | 2240.5 | 2198.3 | 2372.8 | 2711.8 | 3113.2 | 3466.9 | 3351.1 | 3339.2 |
| 32.5° | 3318.1 | 2692.5 | 2301.1 | 2246.9 | 2432.5 | 2788.0 | 3267.5 | 3695.6 | 3583.5 | 3523.8 |
| 35°   | 3393.4 | 2803.6 | 2434.3 | 2371.0 | 2603.4 | 2894.6 | 3346.5 | 3899.5 | 3864.6 | 3806.8 |
| 37.5° | 3538.5 | 2923.0 | 2591.4 | 2587.8 | 2810.1 | 3033.3 | 3488.9 | 4177.0 | 4170.5 | 4070.4 |
| 40°   | 3550.5 | 3053.5 | 2839.5 | 2955.2 | 3129.7 | 3274.9 | 3613.9 | 4254.1 | 4358.9 | 4290.9 |
| 42.5° | 3568.8 | 3282.2 | 3268.5 | 3364.0 | 3513.7 | 3482.5 | 3618.4 | 4272.5 | 4432.3 | 4391.9 |
| 45°   | 3577.1 | 3511.0 | 3704.8 | 3881.2 | 3943.6 | 3754.4 | 3575.3 | 4237.6 | 4470.9 | 4369.9 |
| 47.5° | 3511.0 | 3707.6 | 4057.5 | 4398.4 | 4416.7 | 3921.6 | 3556.9 | 4201.8 | 4493.9 | 4426.8 |
| 50°   | 3520.2 | 3830.6 | 4362.5 | 4667.5 | 4600.5 | 4069.5 | 3528.4 | 4179.7 | 4481.9 | 4436.9 |
| 52°   | 3498.1 | 3833.4 | 4405.7 | 4662.0 | 4615.1 | 3987.7 | 3479.7 | 4095.2 | 4470.9 | 4503.1 |
| 52.5° | 3522.9 | 3816.9 | 4360.7 | 4665.7 | 4605.0 | 4028.2 | 3473.3 | 4142.1 | 4477.4 | 4412.1 |
| 55°   | 3437.5 | 3620.3 | 4097.0 | 4226.6 | 4217.4 | 3656.1 | 3275.8 | 3986.8 | 4309.2 | 4310.2 |
| 57.5° | 3106.8 | 3138.0 | 3213.3 | 3210.6 | 3168.3 | 2874.4 | 2801.8 | 3666.2 | 3841.7 | 3746.1 |
| 60°   | 2737.5 | 2297.5 | 2094.5 | 2011.8 | 1964.9 | 1917.2 | 2478.4 | 3353.9 | 3370.4 | 3330.0 |
| 62.5° | 2365.4 | 1592.9 | 1322.8 | 1299.8 | 1310.9 | 1485.4 | 2395.8 | 3229.9 | 3130.7 | 3043.4 |
| 65°   | 1908.9 | 1161.1 | 960.9  | 930.6  | 1038.0 | 1226.4 | 1939.2 | 2476.6 | 2324.1 | 2251.5 |
| 67.5° | 1198.8 | 847.0  | 649.5  | 592.5  | 722.0  | 844.2  | 1274.1 | 1556.1 | 1385.3 | 1285.1 |
| 70°   | 711.0  | 473.1  | 294.0  | 263.6  | 296.7  | 450.1  | 713.8  | 776.2  | 642.1  | 590.7  |
| 72.5° | 280.2  | 173.6  | 81.8   | 69.8   | 72.6   | 158.0  | 262.7  | 256.3  | 193.8  | 172.7  |
| 75°   | 75.3   | 52.4   | 28.5   | 23.0   | 19.3   | 29.4   | 42.3   | 27.6   | 10.1   | 12.9   |
| 77.5° | 34.9   | 31.2   | 24.8   | 19.3   | 14.7   | 11.0   | 5.5    | 1.8    | 1.8    | 0.9    |
| 80°   | 30.3   | 26.6   | 23.0   | 19.3   | 14.7   | 9.2    | 4.6    | 0.9    | 0.9    | 0.9    |
| 82.5° | 28.5   | 24.8   | 21.1   | 17.5   | 13.8   | 9.2    | 4.6    | 0.9    | 0.0    | 0.0    |
| 85°   | 11.9   | 15.6   | 17.5   | 16.5   | 14.7   | 9.2    | 4.6    | 0.9    | 0.0    | 0.0    |
| 87.5° | 6.4    | 5.5    | 4.6    | 3.7    | 2.8    | 1.8    | 1.8    | 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)