

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: P528365

Luminaire Tested: **GLAN-SA3C-722-U-SLL-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P528365  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA3C-722-U-SLL-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 2200K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH BLACK GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8529 lumens  
Efficiency: N/A  
Efficacy: 53.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G1

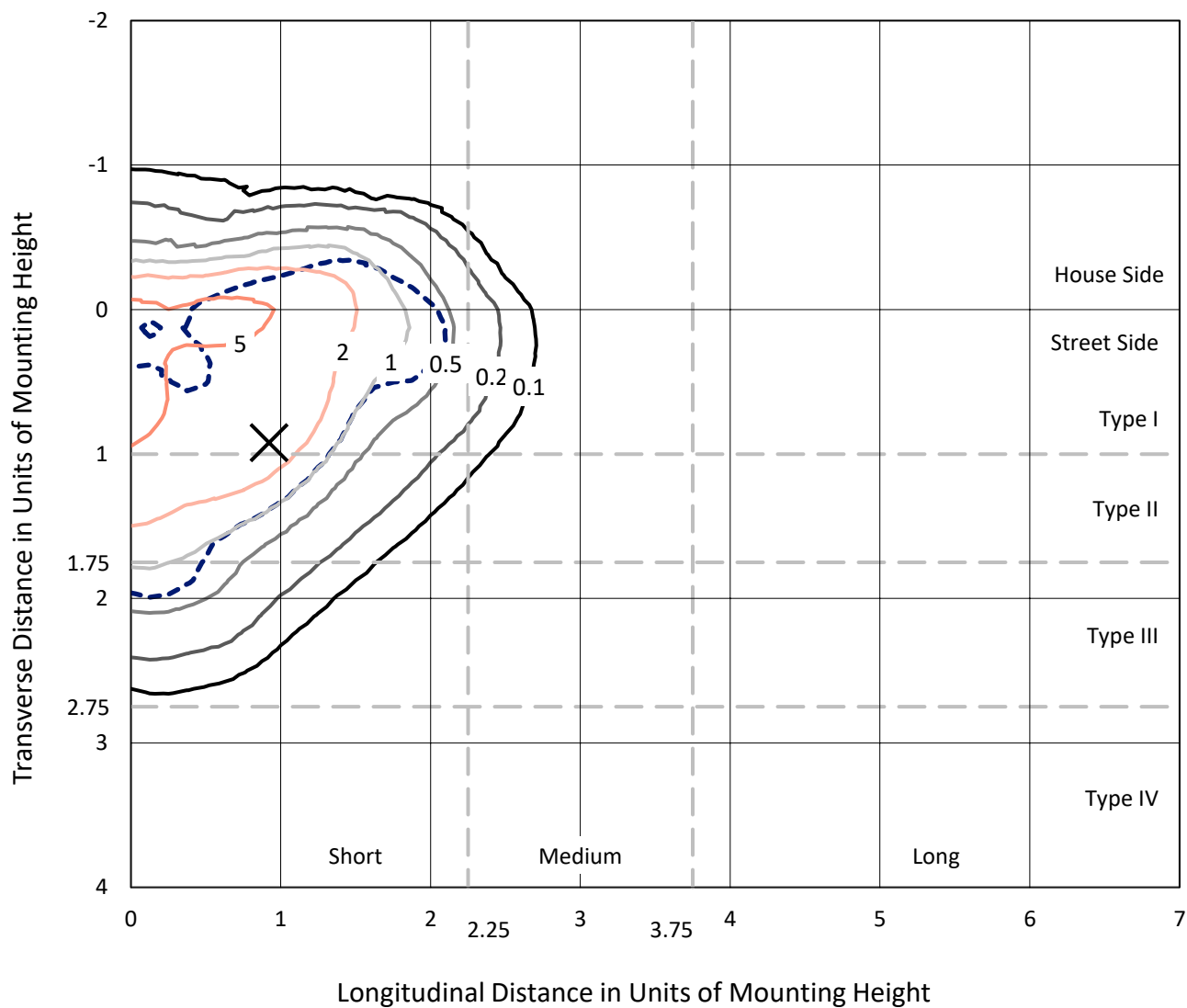
Input Watts (W): 160  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P528365  
 CATALOG NUMBER: GLAN-SA3C-722-U-SLL-GRSBK

## Iso-Footcandle Lines of Horizontal Illumination

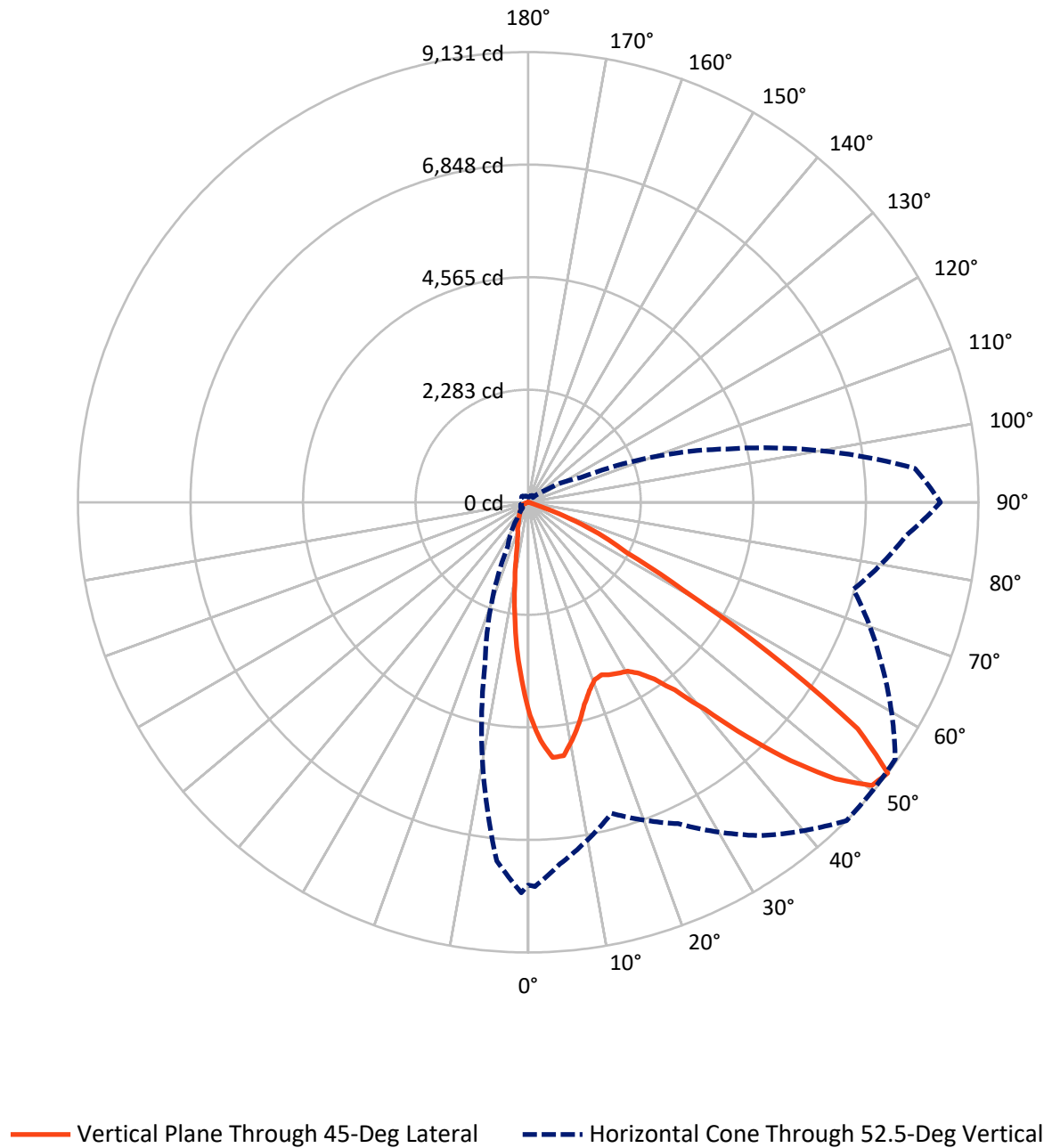
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.5 fc  
 Type III - Short - N/A

REPORT NUMBER: P528365  
CATALOG NUMBER: GLAN-SA3C-722-U-SLL-GRSBK

## Luminous Intensity Polar Plot



REPORT NUMBER: P528365

CATALOG NUMBER: GLAN-SA3C-722-U-SLL-GRSBK

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1731.0   | 0.0    | 1731.0 |
|                    | % Fixture | 20.3     | 0.0    | 20.3   |
| <b>Street Side</b> | Lumens    | 6798.0   | 0.0    | 6798.0 |
|                    | % Fixture | 79.7     | 0.0    | 79.7   |
| <b>Total</b>       | Lumens    | 8529.0   | 0.0    | 8529.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 315.4  | 3.7       |
| 10°-20°   | 622.2  | 7.3       |
| 20°-30°   | 947.0  | 11.1      |
| 30°-40°   | 1415.3 | 16.6      |
| 40°-50°   | 2015.6 | 23.6      |
| 50°-60°   | 2166.7 | 25.4      |
| 60°-70°   | 960.1  | 11.3      |
| 70°-80°   | 77.7   | 0.9       |
| 80°-90°   | 9.1    | 0.1       |
| 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°    | 8529.0 | 100.0     |
| 0°-180°   | 8529.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P528365

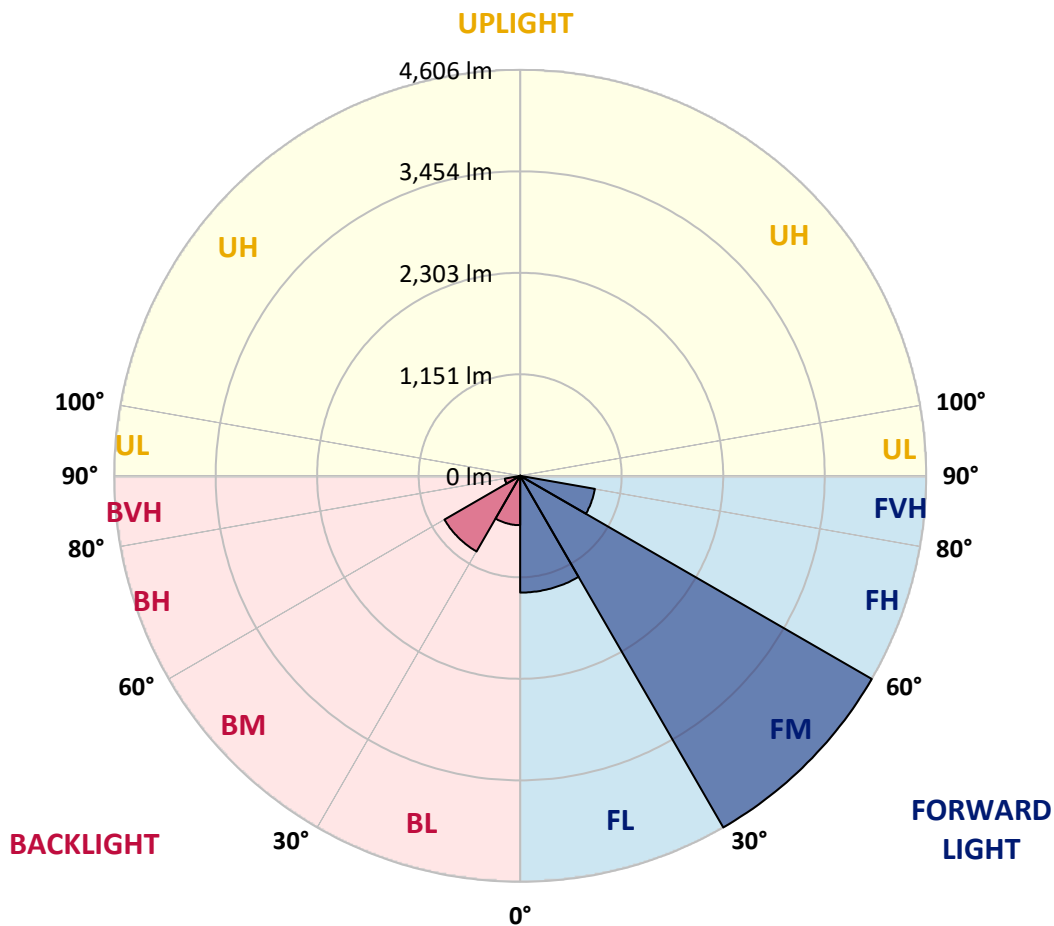
CATALOG NUMBER: GLAN-SA3C-722-U-SLL-GRSBK

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1324.7 | 15.5      |                         |      |         |
| FM   | (30°-60°)   | 4605.9 | 54.0      |                         |      |         |
| FH   | (60°-80°)   | 860.7  | 10.1      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 6.7    | 0.1       |                         |      | G0/10   |
| BL   | (0°-30°)    | 559.9  | 6.6       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 991.7  | 11.6      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 177.1  | 2.1       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 2.3    | 0.0       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G1**

Type III Short



REPORT NUMBER: P528365

CATALOG NUMBER: GLAN-SA3C-722-U-SLL-GRSBK

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 |
| 2.5°  | 4576.2 | 4589.6 | 4663.5 | 4755.7 | 4804.4 | 4915.1 | 4837.9 | 4858.0 | 4816.1 | 4668.5 | 4552.7 |
| 5°    | 4437.0 | 4435.3 | 4529.3 | 4757.4 | 4973.8 | 5193.5 | 5200.3 | 5082.8 | 4876.5 | 4650.0 | 4326.3 |
| 7.5°  | 4017.6 | 4083.0 | 4180.3 | 4544.4 | 4945.3 | 5109.7 | 5188.5 | 5051.0 | 4733.9 | 4410.2 | 4059.6 |
| 10°   | 3700.6 | 3734.1 | 3898.5 | 4338.0 | 4631.6 | 4851.3 | 4900.0 | 4821.1 | 4577.9 | 4173.6 | 3781.1 |
| 12.5° | 3517.7 | 3534.5 | 3727.4 | 4096.5 | 4406.8 | 4569.5 | 4593.0 | 4629.9 | 4455.4 | 4076.3 | 3605.0 |
| 15°   | 3519.4 | 3532.8 | 3792.8 | 4101.5 | 4223.9 | 4180.3 | 4257.5 | 4255.8 | 4331.3 | 4057.9 | 3752.6 |
| 17.5° | 3772.7 | 3787.8 | 4022.6 | 4175.3 | 4121.6 | 4019.3 | 4014.3 | 4091.4 | 4250.8 | 4287.7 | 3975.7 |
| 20°   | 4208.9 | 4244.1 | 4416.9 | 4408.5 | 4106.5 | 3900.2 | 3843.2 | 3901.9 | 4272.6 | 4482.3 | 4425.2 |
| 22.5° | 4796.0 | 4844.6 | 4965.4 | 4733.9 | 4175.3 | 3819.7 | 3801.2 | 3915.3 | 4416.9 | 4916.8 | 4935.2 |
| 25°   | 5477.0 | 5559.2 | 5618.0 | 5321.0 | 4420.2 | 3958.9 | 3871.7 | 4067.9 | 4611.5 | 5388.1 | 5584.4 |
| 27.5° | 5928.3 | 6013.8 | 6000.4 | 5576.0 | 4584.6 | 3995.8 | 3922.0 | 4104.8 | 4780.9 | 5500.5 | 5923.3 |
| 30°   | 6280.6 | 6332.6 | 6426.5 | 5713.6 | 4749.0 | 4099.8 | 3974.0 | 4260.9 | 4836.2 | 5695.1 | 6332.6 |
| 32.5° | 6691.6 | 6726.8 | 6733.5 | 5956.8 | 5002.3 | 4230.7 | 4135.0 | 4455.4 | 5081.2 | 5881.3 | 6694.9 |
| 35°   | 7105.9 | 7157.9 | 7048.9 | 6257.1 | 5158.3 | 4473.9 | 4403.4 | 4792.6 | 5277.4 | 6074.2 | 7094.2 |
| 37.5° | 7555.5 | 7582.3 | 7330.7 | 6381.2 | 5381.4 | 4869.8 | 4831.2 | 5156.6 | 5618.0 | 6423.2 | 7537.0 |
| 40°   | 7932.9 | 7958.1 | 7631.0 | 6533.9 | 5616.3 | 5423.4 | 5522.3 | 5851.1 | 6080.9 | 6649.6 | 7758.4 |
| 42.5° | 8142.6 | 8201.3 | 7731.6 | 6450.0 | 6087.7 | 6050.7 | 6490.3 | 6606.0 | 6617.7 | 6713.4 | 7956.4 |
| 45°   | 8199.6 | 8172.8 | 7565.5 | 6518.8 | 6500.3 | 7082.4 | 7481.7 | 7634.3 | 7151.2 | 6830.8 | 8006.7 |
| 47.5° | 7936.3 | 7971.5 | 7320.6 | 6458.4 | 7042.2 | 7864.1 | 8380.8 | 8664.3 | 7548.8 | 6728.5 | 7882.6 |
| 50°   | 7723.2 | 7677.9 | 7241.8 | 6414.8 | 7188.1 | 8233.2 | 9030.0 | 9093.7 | 7914.5 | 6854.3 | 7746.7 |
| 52.5° | 7765.2 | 7793.7 | 7367.6 | 6530.5 | 7191.4 | 8255.0 | 9130.6 | 9087.0 | 7926.2 | 6825.8 | 7698.1 |
| 55°   | 7854.1 | 7728.3 | 7313.9 | 6275.5 | 6710.0 | 7646.1 | 8104.0 | 8036.9 | 7315.6 | 6522.1 | 7579.0 |
| 57.5° | 6777.1 | 6971.7 | 6725.1 | 5602.9 | 5507.2 | 5760.5 | 5752.2 | 5958.5 | 5456.9 | 5612.9 | 6899.6 |
| 60°   | 5500.5 | 5534.1 | 5626.3 | 4792.6 | 3811.3 | 3724.1 | 3603.3 | 3472.4 | 3672.1 | 4799.3 | 6275.5 |
| 62.5° | 4837.9 | 4797.7 | 5126.4 | 4359.8 | 2690.7 | 2252.9 | 2232.8 | 2313.3 | 2833.3 | 4577.9 | 5886.4 |
| 65°   | 3516.0 | 3566.4 | 3804.6 | 3383.5 | 2019.7 | 1719.4 | 1689.2 | 1927.4 | 2293.1 | 3668.7 | 4492.3 |
| 67.5° | 2147.2 | 2244.5 | 2266.3 | 2086.8 | 1370.5 | 1088.7 | 1045.1 | 1261.5 | 1655.7 | 2373.7 | 2633.7 |
| 70°   | 991.4  | 1108.8 | 1219.5 | 1139.0 | 793.5  | 447.9  | 422.7  | 530.1  | 835.4  | 1365.5 | 1397.4 |
| 72.5° | 300.3  | 302.0  | 422.7  | 441.2  | 256.7  | 100.7  | 88.9   | 117.4  | 283.5  | 451.2  | 474.7  |
| 75°   | 21.8   | 23.5   | 57.0   | 65.4   | 48.6   | 25.2   | 26.8   | 31.9   | 60.4   | 100.7  | 75.5   |
| 77.5° | 1.7    | 1.7    | 1.7    | 8.4    | 15.1   | 16.8   | 21.8   | 25.2   | 31.9   | 36.9   | 33.6   |
| 80°   | 1.7    | 0.0    | 1.7    | 6.7    | 11.7   | 16.8   | 20.1   | 23.5   | 25.2   | 28.5   | 25.2   |
| 82.5° | 0.0    | 0.0    | 0.0    | 5.0    | 11.7   | 16.8   | 18.5   | 25.2   | 28.5   | 33.6   | 28.5   |
| 85°   | 0.0    | 0.0    | 0.0    | 5.0    | 11.7   | 18.5   | 16.8   | 8.4    | 0.0    | 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: P528365

CATALOG NUMBER: GLAN-SA3C-722-U-SLL-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 |
| 2.5°  | 4572.9 | 4507.4 | 4358.1 | 4282.7 | 4104.8 | 4079.7 | 3905.2 | 3876.7 | 3818.0 | 3786.1 | 3709.0 |
| 5°    | 4183.7 | 4104.8 | 3861.6 | 3657.0 | 3418.7 | 3252.7 | 3125.2 | 3009.4 | 2942.3 | 2880.3 | 2908.8 |
| 7.5°  | 3866.6 | 3636.8 | 3366.7 | 3024.5 | 2749.4 | 2571.6 | 2377.0 | 2217.7 | 2123.7 | 2060.0 | 2075.1 |
| 10°   | 3534.5 | 3385.2 | 3009.4 | 2625.3 | 2293.1 | 2167.3 | 2014.7 | 1892.2 | 1759.7 | 1645.6 | 1591.9 |
| 12.5° | 3430.5 | 3209.1 | 2737.7 | 2346.8 | 2095.2 | 1972.7 | 1798.3 | 1657.4 | 1487.9 | 1348.7 | 1300.1 |
| 15°   | 3448.9 | 3235.9 | 2663.9 | 2246.2 | 1949.3 | 1737.9 | 1529.9 | 1355.4 | 1169.2 | 1071.9 | 1021.6 |
| 17.5° | 3749.2 | 3380.2 | 2712.5 | 2140.5 | 1746.3 | 1452.7 | 1196.1 | 974.6  | 835.4  | 734.7  | 712.9  |
| 20°   | 4118.3 | 3692.2 | 2816.5 | 2063.3 | 1580.2 | 1155.8 | 874.0  | 682.7  | 567.0  | 550.2  | 545.2  |
| 22.5° | 4658.4 | 4202.1 | 3039.6 | 2011.3 | 1377.2 | 900.8  | 598.9  | 496.5  | 464.7  | 461.3  | 463.0  |
| 25°   | 5413.3 | 4841.3 | 3282.9 | 1967.7 | 1224.6 | 694.5  | 489.8  | 421.1  | 411.0  | 406.0  | 414.3  |
| 27.5° | 5740.4 | 5227.1 | 3412.0 | 1873.8 | 1085.3 | 625.7  | 483.1  | 417.7  | 389.2  | 380.8  | 385.8  |
| 30°   | 6144.7 | 5483.8 | 3615.0 | 1712.7 | 880.7  | 515.0  | 451.2  | 454.6  | 441.2  | 399.2  | 385.8  |
| 32.5° | 6681.5 | 5804.2 | 3717.3 | 1598.7 | 786.7  | 426.1  | 330.5  | 303.6  | 338.9  | 345.6  | 357.3  |
| 35°   | 7025.4 | 6129.6 | 3769.3 | 1531.6 | 738.1  | 364.0  | 280.1  | 255.0  | 246.6  | 248.3  | 255.0  |
| 37.5° | 7664.5 | 6569.1 | 3834.8 | 1461.1 | 701.2  | 317.0  | 253.3  | 229.8  | 218.1  | 218.1  | 224.8  |
| 40°   | 8047.0 | 6918.0 | 3923.7 | 1422.5 | 664.3  | 288.5  | 229.8  | 209.7  | 199.6  | 199.6  | 203.0  |
| 42.5° | 8142.6 | 7090.8 | 3893.5 | 1409.1 | 622.4  | 281.8  | 209.7  | 194.6  | 182.8  | 181.2  | 179.5  |
| 45°   | 8313.7 | 7354.2 | 3898.5 | 1394.0 | 578.7  | 256.7  | 197.9  | 181.2  | 164.4  | 162.7  | 161.0  |
| 47.5° | 8501.6 | 7543.7 | 3908.6 | 1335.3 | 536.8  | 214.7  | 206.3  | 167.8  | 147.6  | 144.3  | 144.3  |
| 50°   | 8340.5 | 7694.7 | 3995.8 | 1276.6 | 483.1  | 174.5  | 203.0  | 157.7  | 130.8  | 125.8  | 127.5  |
| 52.5° | 8360.7 | 7872.5 | 4180.3 | 1194.4 | 416.0  | 139.2  | 164.4  | 149.3  | 119.1  | 110.7  | 112.4  |
| 55°   | 8038.6 | 7684.6 | 4205.5 | 1107.2 | 325.4  | 107.4  | 125.8  | 130.8  | 100.7  | 97.3   | 97.3   |
| 57.5° | 6919.7 | 6507.0 | 3710.6 | 897.5  | 214.7  | 88.9   | 90.6   | 114.1  | 87.2   | 83.9   | 85.6   |
| 60°   | 5921.6 | 5223.7 | 2986.0 | 592.2  | 134.2  | 70.5   | 65.4   | 115.7  | 77.2   | 75.5   | 80.5   |
| 62.5° | 5398.2 | 4292.7 | 2264.6 | 367.4  | 92.3   | 53.7   | 45.3   | 93.9   | 67.1   | 67.1   | 73.8   |
| 65°   | 3900.2 | 2883.6 | 1316.8 | 192.9  | 65.4   | 41.9   | 33.6   | 53.7   | 55.4   | 57.0   | 60.4   |
| 67.5° | 2415.6 | 1456.1 | 555.3  | 93.9   | 43.6   | 28.5   | 21.8   | 33.6   | 36.9   | 36.9   | 40.3   |
| 70°   | 1192.7 | 580.4  | 184.5  | 53.7   | 33.6   | 23.5   | 15.1   | 18.5   | 18.5   | 16.8   | 18.5   |
| 72.5° | 369.1  | 174.5  | 47.0   | 33.6   | 23.5   | 15.1   | 8.4    | 6.7    | 3.4    | 0.0    | 1.7    |
| 75°   | 41.9   | 33.6   | 30.2   | 23.5   | 15.1   | 6.7    | 1.7    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5° | 25.2   | 28.5   | 28.5   | 23.5   | 15.1   | 5.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 20.1   | 21.8   | 23.5   | 21.8   | 13.4   | 6.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 25.2   | 28.5   | 31.9   | 28.5   | 18.5   | 8.4    | 3.4    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 5.0    | 1.7    | 0.0    | 0.0    | 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: P528365

CATALOG NUMBER: GLAN-SA3C-722-U-SLL-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 |
| 2.5°  | 3677.1 | 3640.2 | 3692.2 | 3615.0 | 3613.3 | 3615.0 | 3593.2 | 3573.1 | 3605.0 | 3690.5 | 3698.9 |
| 5°    | 2806.5 | 2885.3 | 2910.5 | 2992.7 | 2947.4 | 2880.3 | 2893.7 | 2848.4 | 2959.1 | 3007.8 | 2969.2 |
| 7.5°  | 2043.2 | 2038.2 | 2207.6 | 2217.7 | 2239.5 | 2241.1 | 2237.8 | 2148.9 | 2058.3 | 2078.4 | 2138.8 |
| 10°   | 1585.2 | 1499.7 | 1581.9 | 1573.5 | 1627.2 | 1612.1 | 1633.9 | 1538.3 | 1570.1 | 1570.1 | 1608.7 |
| 12.5° | 1291.7 | 1201.1 | 1186.0 | 1164.2 | 1186.0 | 1194.4 | 1202.8 | 1184.3 | 1238.0 | 1263.2 | 1290.0 |
| 15°   | 986.4  | 936.0  | 922.6  | 880.7  | 887.4  | 910.9  | 931.0  | 939.4  | 922.6  | 961.2  | 964.6  |
| 17.5° | 716.3  | 714.6  | 723.0  | 721.3  | 714.6  | 709.6  | 707.9  | 686.1  | 679.4  | 682.7  | 696.2  |
| 20°   | 543.5  | 556.9  | 585.4  | 614.0  | 629.1  | 610.6  | 585.4  | 548.5  | 533.4  | 536.8  | 538.5  |
| 22.5° | 464.7  | 484.8  | 523.4  | 555.3  | 570.4  | 536.8  | 491.5  | 459.6  | 452.9  | 451.2  | 449.6  |
| 25°   | 421.1  | 444.5  | 473.1  | 483.1  | 481.4  | 461.3  | 427.8  | 414.3  | 411.0  | 407.6  | 392.5  |
| 27.5° | 397.6  | 406.0  | 411.0  | 422.7  | 427.8  | 414.3  | 406.0  | 385.8  | 382.5  | 382.5  | 372.4  |
| 30°   | 384.1  | 379.1  | 385.8  | 377.4  | 384.1  | 374.1  | 375.8  | 375.8  | 367.4  | 370.7  | 370.7  |
| 32.5° | 357.3  | 359.0  | 359.0  | 342.2  | 347.2  | 335.5  | 347.2  | 357.3  | 359.0  | 360.7  | 374.1  |
| 35°   | 261.7  | 291.9  | 307.0  | 307.0  | 312.0  | 303.6  | 302.0  | 290.2  | 275.1  | 260.0  | 253.3  |
| 37.5° | 229.8  | 241.6  | 261.7  | 273.4  | 281.8  | 275.1  | 260.0  | 241.6  | 233.2  | 226.5  | 219.8  |
| 40°   | 204.7  | 214.7  | 228.1  | 241.6  | 258.3  | 249.9  | 226.5  | 218.1  | 208.0  | 208.0  | 201.3  |
| 42.5° | 184.5  | 189.6  | 197.9  | 218.1  | 236.5  | 219.8  | 203.0  | 196.3  | 191.2  | 189.6  | 187.9  |
| 45°   | 166.1  | 167.8  | 176.1  | 192.9  | 214.7  | 197.9  | 181.2  | 172.8  | 174.5  | 176.1  | 174.5  |
| 47.5° | 149.3  | 152.7  | 157.7  | 177.8  | 191.2  | 182.8  | 164.4  | 159.4  | 159.4  | 159.4  | 161.0  |
| 50°   | 129.2  | 137.6  | 147.6  | 164.4  | 174.5  | 169.4  | 154.3  | 147.6  | 144.3  | 144.3  | 145.9  |
| 52.5° | 115.7  | 122.5  | 135.9  | 156.0  | 169.4  | 161.0  | 145.9  | 135.9  | 129.2  | 127.5  | 130.8  |
| 55°   | 100.7  | 112.4  | 134.2  | 149.3  | 167.8  | 159.4  | 142.6  | 130.8  | 119.1  | 117.4  | 117.4  |
| 57.5° | 90.6   | 109.0  | 129.2  | 147.6  | 162.7  | 156.0  | 142.6  | 127.5  | 112.4  | 110.7  | 110.7  |
| 60°   | 85.6   | 105.7  | 125.8  | 142.6  | 162.7  | 152.7  | 140.9  | 124.1  | 107.4  | 107.4  | 105.7  |
| 62.5° | 80.5   | 99.0   | 119.1  | 135.9  | 156.0  | 147.6  | 135.9  | 119.1  | 102.3  | 102.3  | 99.0   |
| 65°   | 67.1   | 85.6   | 99.0   | 114.1  | 135.9  | 127.5  | 115.7  | 104.0  | 90.6   | 87.2   | 88.9   |
| 67.5° | 47.0   | 58.7   | 72.1   | 87.2   | 100.7  | 97.3   | 92.3   | 83.9   | 72.1   | 70.5   | 68.8   |
| 70°   | 23.5   | 31.9   | 43.6   | 58.7   | 70.5   | 67.1   | 63.7   | 57.0   | 50.3   | 48.6   | 48.6   |
| 72.5° | 3.4    | 10.1   | 18.5   | 26.8   | 36.9   | 38.6   | 36.9   | 35.2   | 33.6   | 31.9   | 33.6   |
| 75°   | 0.0    | 0.0    | 0.0    | 6.7    | 15.1   | 18.5   | 21.8   | 25.2   | 25.2   | 21.8   | 26.8   |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 1.7    | 8.4    | 16.8   | 21.8   | 26.8   | 23.5   | 31.9   |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 1.7    | 10.1   | 16.8   | 23.5   | 26.8   | 23.5   | 33.6   |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 1.7    | 11.7   | 16.8   | 21.8   | 25.2   | 23.5   | 30.2   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 5.0    | 10.1   | 6.7    | 3.4    | 1.7    | 1.7    | 5.0    |
| 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: P528365

CATALOG NUMBER: GLAN-SA3C-722-U-SLL-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 | 4324.6 |
| 2.5°  | 3745.9 | 3865.0 | 3992.5 | 4041.1 | 4192.1 | 4306.1 | 4383.3 | 4549.4 | 4574.5 | 4576.2 |
| 5°    | 3009.4 | 3069.8 | 3287.9 | 3390.2 | 3615.0 | 3789.5 | 3975.7 | 4244.1 | 4423.6 | 4437.0 |
| 7.5°  | 2138.8 | 2306.6 | 2398.8 | 2665.6 | 2942.3 | 3215.8 | 3492.6 | 3804.6 | 4012.6 | 4017.6 |
| 10°   | 1721.1 | 1830.2 | 1994.5 | 2194.2 | 2427.3 | 2705.8 | 3074.9 | 3437.2 | 3648.6 | 3700.6 |
| 12.5° | 1385.6 | 1576.9 | 1764.7 | 1971.1 | 2148.9 | 2358.6 | 2756.1 | 3239.3 | 3413.7 | 3517.7 |
| 15°   | 1066.9 | 1241.4 | 1462.8 | 1704.3 | 1905.6 | 2185.8 | 2638.7 | 3190.6 | 3484.2 | 3519.4 |
| 17.5° | 786.7  | 942.8  | 1147.4 | 1375.6 | 1677.5 | 2075.1 | 2658.8 | 3437.2 | 3714.0 | 3772.7 |
| 20°   | 565.3  | 655.9  | 816.9  | 1082.0 | 1466.1 | 1945.9 | 2679.0 | 3687.1 | 4108.2 | 4208.9 |
| 22.5° | 447.9  | 484.8  | 590.5  | 825.3  | 1229.6 | 1810.0 | 2821.6 | 4165.2 | 4650.0 | 4796.0 |
| 25°   | 389.2  | 409.3  | 459.6  | 650.9  | 1080.3 | 1796.6 | 3049.7 | 4738.9 | 5371.4 | 5477.0 |
| 27.5° | 375.8  | 379.1  | 422.7  | 597.2  | 999.8  | 1707.7 | 3136.9 | 5146.6 | 5820.9 | 5928.3 |
| 30°   | 395.9  | 449.6  | 452.9  | 504.9  | 850.5  | 1531.6 | 3182.2 | 5540.8 | 6201.7 | 6280.6 |
| 32.5° | 342.2  | 325.4  | 337.2  | 390.9  | 748.2  | 1429.2 | 3267.8 | 5884.7 | 6636.2 | 6691.6 |
| 35°   | 238.2  | 249.9  | 276.8  | 338.9  | 654.2  | 1321.9 | 3289.6 | 6263.8 | 7048.9 | 7105.9 |
| 37.5° | 219.8  | 226.5  | 248.3  | 288.5  | 575.4  | 1261.5 | 3259.4 | 6540.6 | 7476.6 | 7555.5 |
| 40°   | 204.7  | 213.0  | 224.8  | 261.7  | 516.7  | 1194.4 | 3217.4 | 6790.5 | 7738.3 | 7932.9 |
| 42.5° | 192.9  | 199.6  | 209.7  | 249.9  | 466.3  | 1127.3 | 3158.7 | 7142.8 | 7973.2 | 8142.6 |
| 45°   | 179.5  | 189.6  | 201.3  | 243.2  | 437.8  | 1082.0 | 3115.1 | 7121.0 | 8109.0 | 8199.6 |
| 47.5° | 166.1  | 182.8  | 196.3  | 226.5  | 429.4  | 1060.2 | 3133.6 | 7038.8 | 7998.3 | 7936.3 |
| 50°   | 152.7  | 174.5  | 197.9  | 187.9  | 409.3  | 1016.6 | 3155.4 | 7151.2 | 7735.0 | 7723.2 |
| 52.5° | 140.9  | 166.1  | 184.5  | 154.3  | 364.0  | 974.6  | 3366.7 | 7298.8 | 7921.2 | 7765.2 |
| 55°   | 124.1  | 149.3  | 147.6  | 124.1  | 295.2  | 942.8  | 3532.8 | 7302.2 | 7795.4 | 7854.1 |
| 57.5° | 112.4  | 132.5  | 115.7  | 104.0  | 218.1  | 788.4  | 3262.7 | 6122.9 | 6673.1 | 6777.1 |
| 60°   | 104.0  | 129.2  | 87.2   | 82.2   | 142.6  | 568.7  | 2848.4 | 4742.3 | 5304.3 | 5500.5 |
| 62.5° | 95.6   | 122.5  | 68.8   | 67.1   | 99.0   | 404.3  | 2341.8 | 3969.0 | 4571.2 | 4837.9 |
| 65°   | 83.9   | 87.2   | 55.4   | 52.0   | 70.5   | 218.1  | 1425.9 | 2732.7 | 3417.1 | 3516.0 |
| 67.5° | 68.8   | 67.1   | 45.3   | 41.9   | 47.0   | 105.7  | 629.1  | 1368.8 | 1981.1 | 2147.2 |
| 70°   | 55.4   | 55.4   | 38.6   | 33.6   | 33.6   | 48.6   | 164.4  | 545.2  | 895.8  | 991.4  |
| 72.5° | 40.3   | 41.9   | 30.2   | 26.8   | 25.2   | 23.5   | 26.8   | 109.0  | 234.9  | 300.3  |
| 75°   | 35.2   | 36.9   | 30.2   | 23.5   | 18.5   | 15.1   | 11.7   | 10.1   | 13.4   | 21.8   |
| 77.5° | 38.6   | 38.6   | 31.9   | 21.8   | 16.8   | 11.7   | 6.7    | 3.4    | 3.4    | 1.7    |
| 80°   | 48.6   | 50.3   | 41.9   | 28.5   | 20.1   | 13.4   | 8.4    | 3.4    | 1.7    | 1.7    |
| 82.5° | 52.0   | 57.0   | 47.0   | 35.2   | 25.2   | 15.1   | 8.4    | 1.7    | 0.0    | 0.0    |
| 85°   | 13.4   | 21.8   | 36.9   | 31.9   | 25.2   | 15.1   | 8.4    | 1.7    | 0.0    | 0.0    |
| 87.5° | 0.0    | 1.7    | 5.0    | 5.0    | 6.7    | 6.7    | 5.0    | 1.7    | 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)