

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: P455481

Luminaire Tested: **GLAN-SA6C-830-U-SLL**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P455481  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA6C-830-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 28556 lumens  
Efficiency: N/A  
Efficacy: 89.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

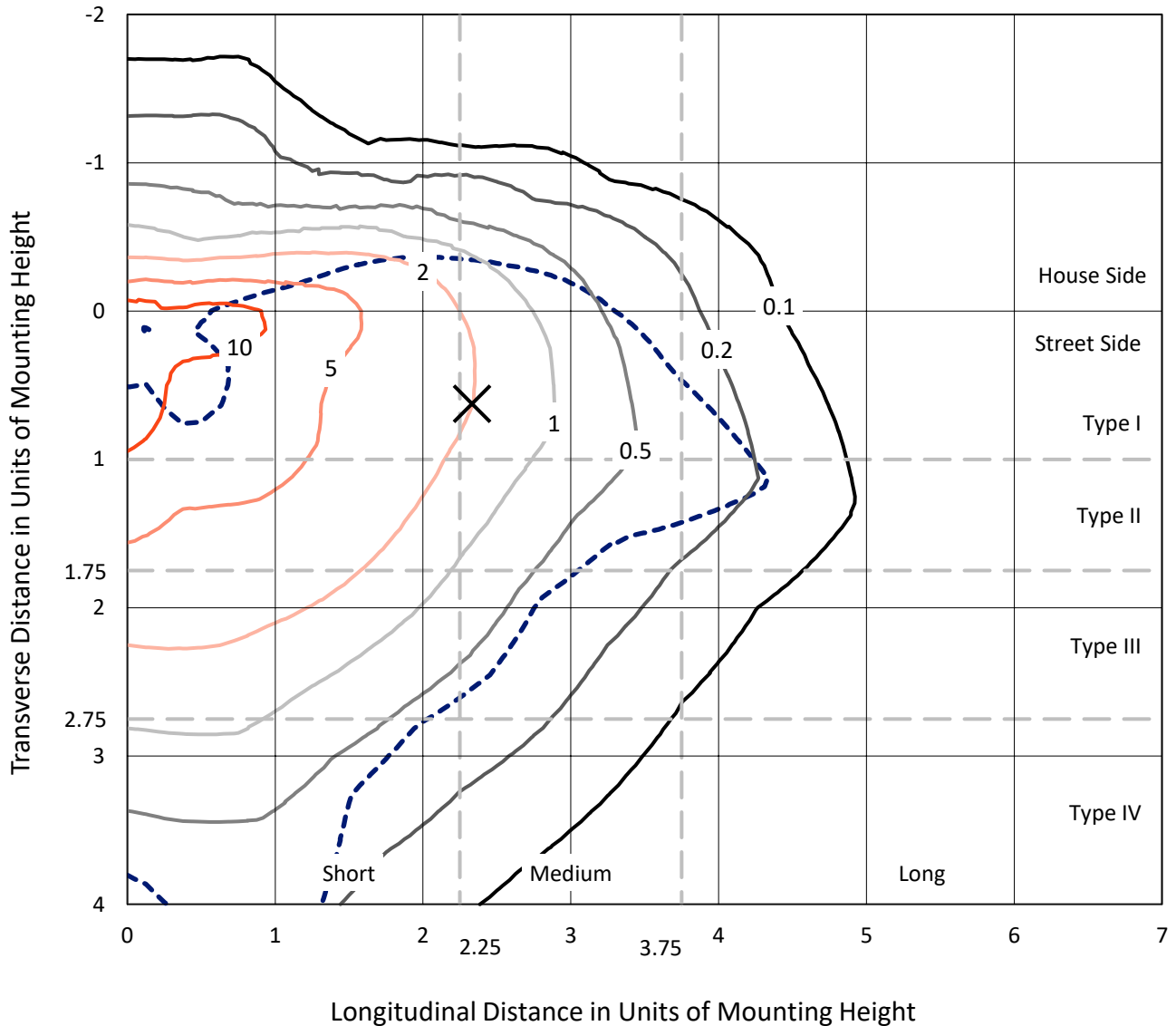
Input Watts (W): 321  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P455481  
 CATALOG NUMBER: GLAN-SA6C-830-U-SLL

### Iso-Footcandle Lines of Horizontal Illumination

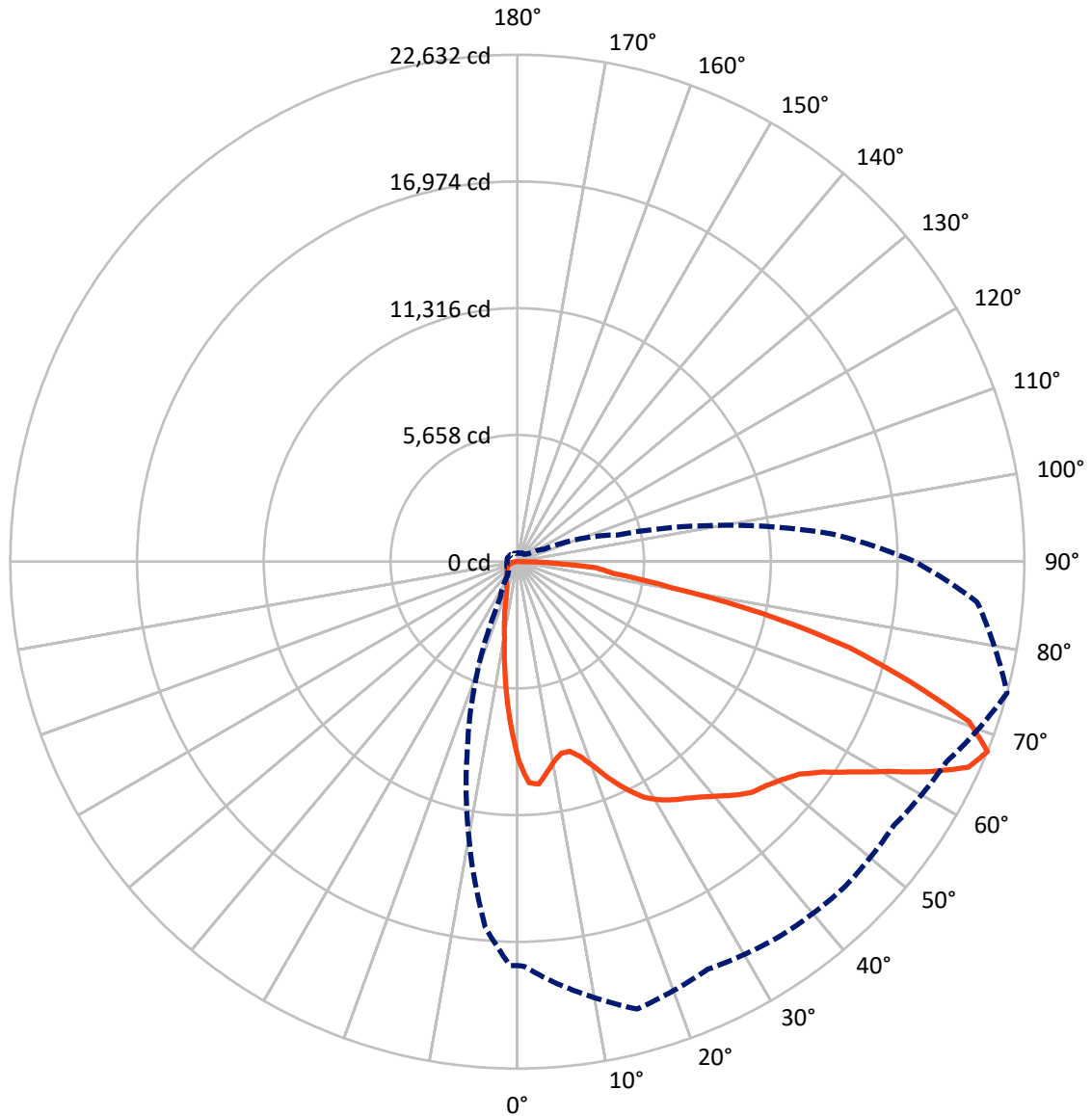
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.6 fc  
 Type III - Medium - N/A

REPORT NUMBER: P455481  
CATALOG NUMBER: GLAN-SA6C-830-U-SLL

### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P455481

CATALOG NUMBER: GLAN-SA6C-830-U-SLL

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4826.6   | 0.0    | 4826.6  |
|                    | % Fixture | 16.9     | 0.0    | 16.9    |
| <b>Street Side</b> | Lumens    | 23729.4  | 0.0    | 23729.4 |
|                    | % Fixture | 83.1     | 0.0    | 83.1    |
| <b>Total</b>       | Lumens    | 28556.0  | 0.0    | 28556.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 676.7   | 2.4       |
| 10°-20°   | 1411.2  | 4.9       |
| 20°-30°   | 2030.8  | 7.1       |
| 30°-40°   | 2924.9  | 10.2      |
| 40°-50°   | 4108.7  | 14.4      |
| 50°-60°   | 5730.2  | 20.1      |
| 60°-70°   | 6812.8  | 23.9      |
| 70°-80°   | 4012.4  | 14.1      |
| 80°-90°   | 848.5   | 3.0       |
| 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°    | 28556.0 | 100.0     |
| 0°-180°   | 28556.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P455481

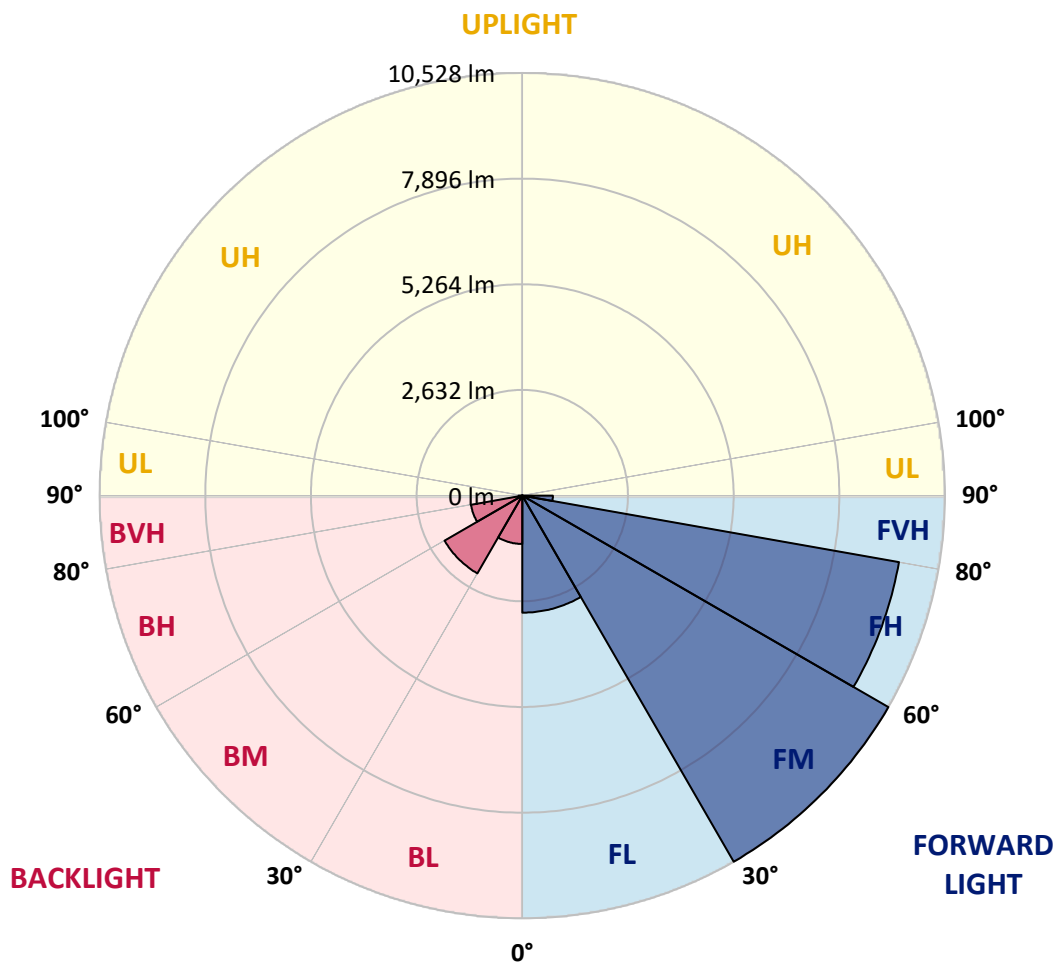
CATALOG NUMBER: GLAN-SA6C-830-U-SLL

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 2914.8  | 10.2      |                         |      |          |
| FM   | (30°-60°)   | 10527.5 | 36.9      |                         |      |          |
| FH   | (60°-80°)   | 9526.4  | 33.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 760.7   | 2.7       |                         |      | G5       |
| BL   | (0°-30°)    | 1203.9  | 4.2       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2236.2  | 7.8       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 1298.7  | 4.5       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 87.8    | 0.3       |                         |      | G1/100   |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |          |

**BUG Rating: B3-U0-G5**

Type III Medium





REPORT NUMBER: P455481

CATALOG NUMBER: GLAN-SA6C-830-U-SLL

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 8921.6  | 8921.6  | 8921.6  | 8921.6  | 8921.6  | 8921.6  | 8921.6  | 8921.6  | 8921.6  | 8921.6  | 8921.6  |
| 2.5°  | 9619.3  | 9632.1  | 9714.5  | 9954.4  | 10119.2 | 10179.6 | 10221.7 | 10143.0 | 10066.1 | 9879.3  | 9597.3  |
| 5°    | 9590.0  | 9665.0  | 9879.3  | 10417.7 | 10842.5 | 11025.6 | 11080.5 | 10844.3 | 10454.3 | 9974.5  | 9397.7  |
| 7.5°  | 9029.6  | 9130.3  | 9459.9  | 10362.7 | 11111.7 | 11540.2 | 11483.4 | 11056.7 | 10353.6 | 9498.4  | 8692.7  |
| 10°   | 8364.9  | 8476.6  | 8874.0  | 9965.3  | 10930.4 | 11520.0 | 11520.0 | 11000.0 | 10066.1 | 9049.8  | 8121.3  |
| 12.5° | 7837.5  | 7954.7  | 8408.8  | 9557.0  | 10553.2 | 11111.7 | 11205.1 | 10758.3 | 9859.1  | 8765.9  | 7745.9  |
| 15°   | 7663.5  | 7777.1  | 8266.0  | 9309.8  | 10154.0 | 10494.6 | 10525.7 | 10379.2 | 9758.4  | 8786.1  | 7729.5  |
| 17.5° | 7879.6  | 8026.1  | 8520.5  | 9383.0  | 9787.7  | 9807.9  | 9831.7  | 9947.0  | 9769.4  | 9154.1  | 8062.7  |
| 20°   | 8504.1  | 8661.5  | 9177.9  | 9619.3  | 9467.3  | 9258.5  | 9271.3  | 9568.0  | 9899.4  | 9762.1  | 8859.3  |
| 22.5° | 9405.0  | 9542.3  | 10071.6 | 10034.9 | 9331.8  | 8901.4  | 8811.7  | 9225.5  | 10091.7 | 10520.2 | 9707.2  |
| 25°   | 10377.4 | 10538.5 | 11146.5 | 10652.0 | 9370.2  | 8689.0  | 8632.2  | 9024.1  | 10291.3 | 11228.9 | 10686.8 |
| 27.5° | 11490.7 | 11648.2 | 12128.0 | 11274.7 | 9571.6  | 8672.5  | 8604.8  | 9005.8  | 10470.8 | 11884.4 | 11622.6 |
| 30°   | 12318.4 | 12463.1 | 12789.0 | 11798.4 | 9818.9  | 8782.4  | 8698.2  | 9150.5  | 10624.6 | 12333.1 | 12534.5 |
| 32.5° | 12968.5 | 13118.7 | 13296.3 | 12124.3 | 10144.8 | 8982.0  | 8826.3  | 9414.2  | 10826.0 | 12675.5 | 13210.2 |
| 35°   | 13646.0 | 13823.7 | 13810.9 | 12413.7 | 10448.8 | 9212.7  | 9060.7  | 9795.0  | 11142.8 | 12974.0 | 14067.2 |
| 37.5° | 14504.9 | 14576.3 | 14484.7 | 12673.7 | 10813.2 | 9628.4  | 9544.2  | 10360.9 | 11593.3 | 13334.7 | 15068.9 |
| 40°   | 15376.5 | 15519.4 | 15048.7 | 12988.6 | 11256.3 | 10410.3 | 10401.2 | 11197.7 | 12128.0 | 13757.7 | 16039.4 |
| 42.5° | 16123.7 | 16244.5 | 15576.1 | 13263.3 | 11792.9 | 11364.4 | 11434.0 | 12320.3 | 12829.3 | 14248.5 | 16819.5 |
| 45°   | 16685.8 | 16793.9 | 16063.2 | 13528.9 | 12499.7 | 12466.8 | 12876.9 | 13523.4 | 13713.8 | 14689.8 | 17277.3 |
| 47.5° | 17163.8 | 17268.1 | 16402.0 | 13931.7 | 13373.2 | 13783.4 | 14497.6 | 14777.7 | 14470.1 | 14942.5 | 17790.0 |
| 50°   | 17566.6 | 17597.8 | 16634.6 | 14411.5 | 14457.3 | 15396.7 | 16088.9 | 16270.1 | 15217.2 | 15305.1 | 18235.0 |
| 52.5° | 17986.0 | 17945.7 | 17035.6 | 15015.8 | 15629.2 | 16927.5 | 17431.1 | 17619.7 | 15933.2 | 15751.9 | 18883.3 |
| 55°   | 18925.4 | 18963.8 | 17934.7 | 15777.6 | 16814.0 | 18431.0 | 19093.8 | 18912.6 | 16726.1 | 16574.1 | 19707.3 |
| 57.5° | 20060.7 | 20027.8 | 19200.1 | 16969.7 | 18020.8 | 19830.0 | 20324.4 | 20033.2 | 17784.5 | 17704.0 | 20542.3 |
| 60°   | 20502.0 | 20546.0 | 20258.5 | 18251.5 | 19211.0 | 21055.1 | 21560.5 | 21108.2 | 19053.6 | 19016.9 | 21172.2 |
| 62.5° | 20058.9 | 20306.1 | 20500.2 | 19392.3 | 20225.5 | 21956.0 | 22457.7 | 21941.3 | 20377.5 | 20643.0 | 21613.6 |
| 65°   | 19176.2 | 19229.4 | 19890.4 | 20359.2 | 20714.5 | 22104.3 | 22366.2 | 22091.5 | 21483.6 | 22124.5 | 21593.4 |
| 67.5° | 18029.9 | 18075.7 | 18850.3 | 20676.0 | 20084.5 | 20419.6 | 20602.7 | 20522.2 | 21141.1 | 22631.7 | 20599.1 |
| 70°   | 16938.5 | 16901.9 | 17720.5 | 19868.4 | 17484.2 | 16975.2 | 17127.1 | 16874.4 | 18242.3 | 21392.0 | 18648.9 |
| 72.5° | 14814.3 | 14946.2 | 15825.2 | 17623.4 | 13843.8 | 13016.1 | 13347.6 | 12693.8 | 14030.6 | 18321.1 | 15136.6 |
| 75°   | 11604.3 | 11635.4 | 13102.2 | 14790.5 | 10443.3 | 9137.7  | 9586.3  | 9313.4  | 10747.3 | 15283.1 | 10452.4 |
| 77.5° | 8035.3  | 7965.7  | 9542.3  | 11296.6 | 7447.5  | 6689.3  | 6696.7  | 6566.7  | 7504.2  | 11252.7 | 7101.4  |
| 80°   | 5103.5  | 4997.3  | 5973.4  | 6978.7  | 5118.2  | 5475.3  | 5295.8  | 5290.3  | 4885.6  | 6942.1  | 4294.1  |
| 82.5° | 2757.8  | 2875.0  | 3774.1  | 4374.7  | 3671.5  | 4231.9  | 3878.5  | 3764.9  | 3352.9  | 4345.4  | 2746.8  |
| 85°   | 1256.2  | 1366.1  | 2012.5  | 2975.7  | 2788.9  | 2820.0  | 1884.3  | 2223.1  | 2774.3  | 3528.7  | 1466.8  |
| 87.5° | 122.7   | 157.5   | 415.7   | 1404.5  | 952.2   | 750.8   | 280.2   | 540.2   | 697.7   | 1254.4  | 117.2   |
| 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: P455481

CATALOG NUMBER: GLAN-SA6C-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 90°     | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 8921.6  | 8921.6  | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 |
| 2.5°  | 9481.9  | 9386.7  | 9062.6 | 8795.2 | 8511.4 | 8295.3 | 8013.3 | 7824.7 | 7694.7 | 7498.7 | 7474.9 |
| 5°    | 9046.1  | 8813.5  | 8249.5 | 7674.5 | 7178.3 | 6804.7 | 6425.7 | 6077.7 | 5872.6 | 5808.5 | 5726.1 |
| 7.5°  | 8311.8  | 7919.9  | 7194.8 | 6535.5 | 5966.0 | 5409.3 | 4980.8 | 4676.9 | 4473.6 | 4354.6 | 4211.7 |
| 10°   | 7707.5  | 7253.4  | 6370.7 | 5563.2 | 5094.4 | 4748.3 | 4371.1 | 4045.1 | 3794.2 | 3580.0 | 3462.8 |
| 12.5° | 7301.0  | 6788.2  | 5795.7 | 5140.2 | 4777.6 | 4409.5 | 3968.2 | 3602.0 | 3232.1 | 2988.5 | 2884.1 |
| 15°   | 7178.3  | 6636.2  | 5618.1 | 4929.6 | 4409.5 | 3927.9 | 3433.5 | 2955.5 | 2589.3 | 2358.6 | 2281.7 |
| 17.5° | 7478.6  | 6823.0  | 5616.3 | 4649.4 | 3977.4 | 3402.4 | 2768.8 | 2320.1 | 1944.7 | 1772.6 | 1717.7 |
| 20°   | 8038.9  | 7181.9  | 5632.7 | 4372.9 | 3508.6 | 2699.2 | 2014.3 | 1646.2 | 1466.8 | 1393.5 | 1366.1 |
| 22.5° | 8820.9  | 7729.5  | 5682.2 | 4100.0 | 2995.8 | 2072.9 | 1508.9 | 1322.1 | 1258.0 | 1245.2 | 1239.7 |
| 25°   | 9784.1  | 8407.0  | 5848.8 | 3854.7 | 2563.7 | 1582.2 | 1261.7 | 1177.5 | 1140.8 | 1128.0 | 1126.2 |
| 27.5° | 10670.4 | 9282.3  | 6050.3 | 3644.1 | 2146.2 | 1364.2 | 1140.8 | 1069.4 | 1032.8 | 1031.0 | 1034.6 |
| 30°   | 11470.6 | 10014.8 | 6218.7 | 3407.8 | 1829.4 | 1212.2 | 1062.1 | 990.7  | 955.9  | 954.1  | 965.0  |
| 32.5° | 12162.8 | 10617.3 | 6343.3 | 3175.3 | 1653.6 | 1118.9 | 990.7  | 913.8  | 884.5  | 879.0  | 884.5  |
| 35°   | 12902.6 | 11217.9 | 6286.5 | 2994.0 | 1552.9 | 1041.9 | 937.6  | 862.5  | 827.7  | 811.2  | 811.2  |
| 37.5° | 13746.8 | 11836.8 | 6189.4 | 2843.8 | 1507.1 | 977.9  | 891.8  | 818.5  | 783.8  | 767.3  | 765.4  |
| 40°   | 14667.9 | 12455.8 | 6055.8 | 2710.2 | 1461.3 | 939.4  | 860.7  | 783.8  | 741.6  | 725.2  | 721.5  |
| 42.5° | 15480.9 | 12985.0 | 5945.9 | 2622.3 | 1386.2 | 946.7  | 833.2  | 758.1  | 705.0  | 683.0  | 681.2  |
| 45°   | 16187.7 | 13517.9 | 5925.7 | 2571.0 | 1324.0 | 935.7  | 825.9  | 738.0  | 675.7  | 651.9  | 648.2  |
| 47.5° | 16740.8 | 14072.7 | 6041.1 | 2541.7 | 1256.2 | 877.1  | 873.5  | 725.2  | 650.1  | 624.4  | 620.8  |
| 50°   | 17414.6 | 14860.1 | 6304.8 | 2481.3 | 1193.9 | 822.2  | 922.9  | 723.3  | 629.9  | 597.0  | 587.8  |
| 52.5° | 18311.9 | 15885.6 | 6661.9 | 2373.2 | 1104.2 | 770.9  | 880.8  | 723.3  | 606.1  | 573.2  | 562.2  |
| 55°   | 19668.8 | 17193.1 | 7011.6 | 2221.2 | 977.9  | 703.2  | 794.7  | 701.3  | 571.3  | 542.0  | 534.7  |
| 57.5° | 20568.0 | 18148.9 | 7235.0 | 2010.6 | 820.4  | 653.7  | 684.9  | 666.6  | 536.5  | 505.4  | 505.4  |
| 60°   | 20613.7 | 18405.3 | 7128.8 | 1745.1 | 721.5  | 608.0  | 595.1  | 672.0  | 505.4  | 472.4  | 468.8  |
| 62.5° | 20086.4 | 17777.2 | 6575.8 | 1507.1 | 668.4  | 558.5  | 538.4  | 589.6  | 474.3  | 441.3  | 435.8  |
| 65°   | 19262.3 | 16174.9 | 5616.3 | 1393.5 | 639.1  | 514.6  | 485.3  | 483.4  | 441.3  | 410.2  | 402.9  |
| 67.5° | 17747.9 | 14135.0 | 4614.6 | 1327.6 | 624.4  | 465.1  | 437.7  | 428.5  | 402.9  | 377.2  | 373.6  |
| 70°   | 15515.7 | 11838.7 | 3700.8 | 1300.1 | 617.1  | 413.8  | 391.9  | 380.9  | 358.9  | 338.8  | 336.9  |
| 72.5° | 12071.2 | 9602.8  | 3054.4 | 1281.8 | 613.4  | 366.2  | 342.4  | 327.8  | 315.0  | 296.7  | 296.7  |
| 75°   | 8670.7  | 7064.7  | 2331.1 | 1155.5 | 567.7  | 315.0  | 289.3  | 280.2  | 261.9  | 247.2  | 250.9  |
| 77.5° | 5466.1  | 4757.4  | 1534.5 | 849.7  | 439.5  | 252.7  | 230.7  | 225.2  | 210.6  | 190.4  | 203.3  |
| 80°   | 3691.7  | 3345.6  | 895.5  | 534.7  | 276.5  | 185.0  | 177.6  | 175.8  | 159.3  | 137.3  | 139.2  |
| 82.5° | 2512.4  | 2464.8  | 465.1  | 304.0  | 159.3  | 108.0  | 104.4  | 108.0  | 89.7   | 73.2   | 73.2   |
| 85°   | 981.5   | 1340.4  | 219.7  | 119.0  | 51.3   | 16.5   | 23.8   | 25.6   | 14.6   | 7.3    | 9.2    |
| 87.5° | 18.3    | 137.3   | 5.5    | 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: P455481  
 CATALOG NUMBER: GLAN-SA6C-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 |
| 2.5°  | 7438.3 | 7421.8 | 7449.3 | 7332.1 | 7355.9 | 7399.8 | 7421.8 | 7434.6 | 7615.9 | 7573.8 | 7689.2 |
| 5°    | 5803.0 | 5786.6 | 5892.8 | 5907.4 | 5962.4 | 5951.4 | 6004.5 | 6017.3 | 6083.2 | 6107.0 | 6268.2 |
| 7.5°  | 4220.9 | 4292.3 | 4413.2 | 4475.4 | 4568.8 | 4598.1 | 4570.7 | 4638.4 | 4501.1 | 4600.0 | 4629.3 |
| 10°   | 3391.4 | 3305.3 | 3254.0 | 3396.9 | 3415.2 | 3550.7 | 3495.7 | 3451.8 | 3532.4 | 3536.0 | 3612.9 |
| 12.5° | 2823.7 | 2638.7 | 2516.1 | 2556.3 | 2600.3 | 2658.9 | 2668.0 | 2755.9 | 2814.5 | 2869.5 | 2915.3 |
| 15°   | 2213.9 | 2149.8 | 2038.1 | 1983.2 | 2045.4 | 2069.2 | 2126.0 | 2199.3 | 2261.5 | 2278.0 | 2340.3 |
| 17.5° | 1699.3 | 1710.3 | 1692.0 | 1659.1 | 1697.5 | 1715.8 | 1719.5 | 1721.3 | 1737.8 | 1726.8 | 1818.4 |
| 20°   | 1367.9 | 1406.4 | 1452.1 | 1459.5 | 1472.3 | 1481.4 | 1465.0 | 1402.7 | 1404.5 | 1443.0 | 1472.3 |
| 22.5° | 1237.9 | 1245.2 | 1296.5 | 1313.0 | 1353.3 | 1336.8 | 1289.2 | 1259.9 | 1256.2 | 1265.4 | 1280.0 |
| 25°   | 1135.3 | 1146.3 | 1183.0 | 1208.6 | 1239.7 | 1210.4 | 1175.6 | 1148.2 | 1144.5 | 1153.7 | 1168.3 |
| 27.5° | 1043.8 | 1060.3 | 1093.2 | 1118.9 | 1148.2 | 1120.7 | 1087.7 | 1063.9 | 1062.1 | 1060.3 | 1069.4 |
| 30°   | 970.5  | 988.8  | 1012.6 | 1041.9 | 1062.1 | 1038.3 | 1007.2 | 994.3  | 992.5  | 988.8  | 992.5  |
| 32.5° | 897.3  | 926.6  | 950.4  | 965.0  | 985.2  | 966.9  | 943.1  | 935.7  | 922.9  | 911.9  | 906.4  |
| 35°   | 814.9  | 846.0  | 882.6  | 900.9  | 921.1  | 902.8  | 886.3  | 855.2  | 833.2  | 831.4  | 835.0  |
| 37.5° | 767.3  | 780.1  | 809.4  | 840.5  | 860.7  | 851.5  | 820.4  | 789.2  | 783.8  | 783.8  | 787.4  |
| 40°   | 725.2  | 730.6  | 743.5  | 783.8  | 820.4  | 792.9  | 754.5  | 745.3  | 745.3  | 743.5  | 745.3  |
| 42.5° | 683.0  | 688.5  | 688.5  | 719.7  | 778.3  | 734.3  | 705.0  | 705.0  | 705.0  | 706.8  | 712.3  |
| 45°   | 644.6  | 646.4  | 644.6  | 666.6  | 721.5  | 684.9  | 664.7  | 670.2  | 673.9  | 677.5  | 681.2  |
| 47.5° | 611.6  | 613.4  | 611.6  | 629.9  | 657.4  | 642.7  | 631.8  | 639.1  | 646.4  | 651.9  | 655.6  |
| 50°   | 582.3  | 580.5  | 584.2  | 595.1  | 608.0  | 611.6  | 604.3  | 615.3  | 618.9  | 626.3  | 635.4  |
| 52.5° | 556.7  | 554.9  | 558.5  | 564.0  | 582.3  | 582.3  | 582.3  | 591.5  | 598.8  | 606.1  | 618.9  |
| 55°   | 527.4  | 529.2  | 534.7  | 542.0  | 565.8  | 562.2  | 564.0  | 571.3  | 578.7  | 589.6  | 597.0  |
| 57.5° | 499.9  | 503.6  | 510.9  | 521.9  | 545.7  | 543.9  | 545.7  | 549.4  | 558.5  | 564.0  | 571.3  |
| 60°   | 468.8  | 476.1  | 485.3  | 492.6  | 516.4  | 514.6  | 523.7  | 531.0  | 536.5  | 536.5  | 540.2  |
| 62.5° | 437.7  | 448.6  | 457.8  | 463.3  | 488.9  | 490.8  | 503.6  | 509.1  | 512.7  | 509.1  | 514.6  |
| 65°   | 406.5  | 423.0  | 426.7  | 434.0  | 459.6  | 461.5  | 476.1  | 488.9  | 485.3  | 481.6  | 490.8  |
| 67.5° | 375.4  | 395.5  | 393.7  | 402.9  | 428.5  | 432.2  | 445.0  | 467.0  | 459.6  | 456.0  | 463.3  |
| 70°   | 340.6  | 355.3  | 357.1  | 362.6  | 397.4  | 391.9  | 412.0  | 432.2  | 426.7  | 428.5  | 428.5  |
| 72.5° | 302.1  | 315.0  | 315.0  | 326.0  | 362.6  | 353.4  | 369.9  | 391.9  | 391.9  | 390.0  | 390.0  |
| 75°   | 256.4  | 263.7  | 271.0  | 287.5  | 326.0  | 315.0  | 326.0  | 346.1  | 349.8  | 346.1  | 346.1  |
| 77.5° | 206.9  | 217.9  | 221.6  | 243.5  | 271.0  | 269.2  | 280.2  | 289.3  | 296.7  | 293.0  | 293.0  |
| 80°   | 146.5  | 157.5  | 172.1  | 195.9  | 212.4  | 217.9  | 223.4  | 230.7  | 234.4  | 234.4  | 238.1  |
| 82.5° | 82.4   | 98.9   | 111.7  | 135.5  | 142.8  | 170.3  | 168.5  | 174.0  | 168.5  | 148.3  | 164.8  |
| 85°   | 18.3   | 34.8   | 49.4   | 62.3   | 71.4   | 98.9   | 104.4  | 117.2  | 97.1   | 89.7   | 89.7   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 14.6   | 29.3   | 40.3   | 34.8   | 29.3   | 29.3   |
| 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: P455481  
 CATALOG NUMBER: GLAN-SA6C-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 359°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6 | 8921.6  | 8921.6  | 8921.6  |
| 2.5°  | 7786.2 | 7945.5 | 8137.8 | 8469.3 | 8701.8 | 8952.7 | 9205.4 | 9474.6  | 9546.0  | 9619.3  |
| 5°    | 6312.1 | 6625.3 | 6795.6 | 7240.5 | 7707.5 | 8300.8 | 8786.1 | 9317.1  | 9538.7  | 9590.0  |
| 7.5°  | 4781.2 | 4993.7 | 5440.5 | 5890.9 | 6469.6 | 7092.2 | 7835.7 | 8663.4  | 8921.6  | 9029.6  |
| 10°   | 3790.6 | 4079.9 | 4471.8 | 4955.2 | 5462.4 | 6132.7 | 6971.4 | 7938.2  | 8304.5  | 8364.9  |
| 12.5° | 3226.6 | 3548.9 | 3975.5 | 4486.4 | 4966.2 | 5471.6 | 6317.6 | 7315.6  | 7707.5  | 7837.5  |
| 15°   | 2580.2 | 2970.2 | 3462.8 | 4001.2 | 4523.0 | 5076.1 | 5933.1 | 7059.2  | 7511.6  | 7663.5  |
| 17.5° | 2027.1 | 2342.1 | 2875.0 | 3459.1 | 4078.1 | 4777.6 | 5852.5 | 7181.9  | 7738.6  | 7879.6  |
| 20°   | 1551.0 | 1776.3 | 2224.9 | 2842.0 | 3567.2 | 4482.8 | 5872.6 | 7645.2  | 8311.8  | 8504.1  |
| 22.5° | 1340.4 | 1455.8 | 1728.6 | 2316.5 | 3127.7 | 4226.4 | 5955.0 | 8280.7  | 9084.5  | 9405.0  |
| 25°   | 1214.1 | 1274.5 | 1428.3 | 1812.9 | 2708.3 | 3977.4 | 6143.7 | 9135.8  | 10164.9 | 10377.4 |
| 27.5° | 1106.0 | 1150.0 | 1245.2 | 1521.7 | 2327.4 | 3746.6 | 6363.4 | 10084.4 | 11173.9 | 11490.7 |
| 30°   | 1003.5 | 1062.1 | 1151.8 | 1351.4 | 2083.9 | 3536.0 | 6639.9 | 10853.5 | 12023.6 | 12318.4 |
| 32.5° | 924.8  | 983.4  | 1065.8 | 1232.4 | 1877.0 | 3314.5 | 6804.7 | 11529.2 | 12717.6 | 12968.5 |
| 35°   | 860.7  | 910.1  | 996.2  | 1137.2 | 1719.5 | 3146.0 | 6771.8 | 12065.7 | 13389.7 | 13646.0 |
| 37.5° | 814.9  | 857.0  | 943.1  | 1047.4 | 1600.5 | 2970.2 | 6755.3 | 12774.4 | 14208.2 | 14504.9 |
| 40°   | 772.8  | 816.7  | 895.5  | 988.8  | 1481.4 | 2763.3 | 6764.4 | 13477.6 | 15079.9 | 15376.5 |
| 42.5° | 739.8  | 789.2  | 853.3  | 972.4  | 1358.7 | 2596.6 | 6764.4 | 14089.2 | 15838.0 | 16123.7 |
| 45°   | 712.3  | 765.4  | 827.7  | 970.5  | 1261.7 | 2470.3 | 6718.6 | 14614.7 | 16442.3 | 16685.8 |
| 47.5° | 688.5  | 747.1  | 836.9  | 937.6  | 1237.9 | 2378.7 | 6678.4 | 15035.9 | 16934.9 | 17163.8 |
| 50°   | 672.0  | 741.6  | 890.0  | 899.1  | 1245.2 | 2351.3 | 6872.5 | 15567.0 | 17368.9 | 17566.6 |
| 52.5° | 659.2  | 743.5  | 888.1  | 842.3  | 1232.4 | 2369.6 | 7277.2 | 16396.5 | 17971.3 | 17986.0 |
| 55°   | 633.6  | 741.6  | 842.3  | 778.3  | 1179.3 | 2400.7 | 7797.2 | 17601.4 | 18914.4 | 18925.4 |
| 57.5° | 608.0  | 721.5  | 781.9  | 723.3  | 1071.2 | 2400.7 | 8423.5 | 18742.3 | 20051.6 | 20060.7 |
| 60°   | 582.3  | 750.8  | 686.7  | 675.7  | 930.2  | 2356.7 | 9084.5 | 19244.0 | 20408.6 | 20502.0 |
| 62.5° | 556.7  | 756.3  | 613.4  | 633.6  | 827.7  | 2250.5 | 9577.1 | 18689.2 | 19925.2 | 20058.9 |
| 65°   | 527.4  | 609.8  | 565.8  | 589.6  | 774.6  | 2072.9 | 9421.5 | 17672.8 | 19016.9 | 19176.2 |
| 67.5° | 492.6  | 516.4  | 514.6  | 543.9  | 756.3  | 1811.0 | 8601.1 | 16387.3 | 18039.1 | 18029.9 |
| 70°   | 450.5  | 463.3  | 468.8  | 499.9  | 721.5  | 1607.8 | 7167.3 | 14719.1 | 16733.4 | 16938.5 |
| 72.5° | 406.5  | 417.5  | 423.0  | 450.5  | 686.7  | 1492.4 | 5563.2 | 12421.0 | 14493.9 | 14814.3 |
| 75°   | 358.9  | 366.2  | 373.6  | 397.4  | 650.1  | 1322.1 | 3962.7 | 9481.9  | 11100.7 | 11604.3 |
| 77.5° | 309.5  | 309.5  | 318.6  | 342.4  | 547.5  | 1091.4 | 2658.9 | 6650.9  | 7520.7  | 8035.3  |
| 80°   | 250.9  | 252.7  | 249.0  | 274.7  | 402.9  | 747.1  | 1510.7 | 4442.5  | 5004.6  | 5103.5  |
| 82.5° | 192.3  | 186.8  | 188.6  | 201.4  | 300.3  | 509.1  | 805.7  | 2759.6  | 2812.7  | 2757.8  |
| 85°   | 120.9  | 120.9  | 117.2  | 131.8  | 192.3  | 265.5  | 439.5  | 1690.2  | 1320.3  | 1256.2  |
| 87.5° | 49.4   | 40.3   | 45.8   | 53.1   | 91.6   | 108.0  | 172.1  | 347.9   | 133.7   | 122.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |

(END OF REPORT)