

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: P952965

Luminaire Tested: **GLAN-SB6C-930-U-SL3**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P952965  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB6C-930-U-SL3  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III  
SPILL LIGHT ELIMINATOR OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 30876 lumens  
Efficiency: N/A  
Efficacy: 102.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

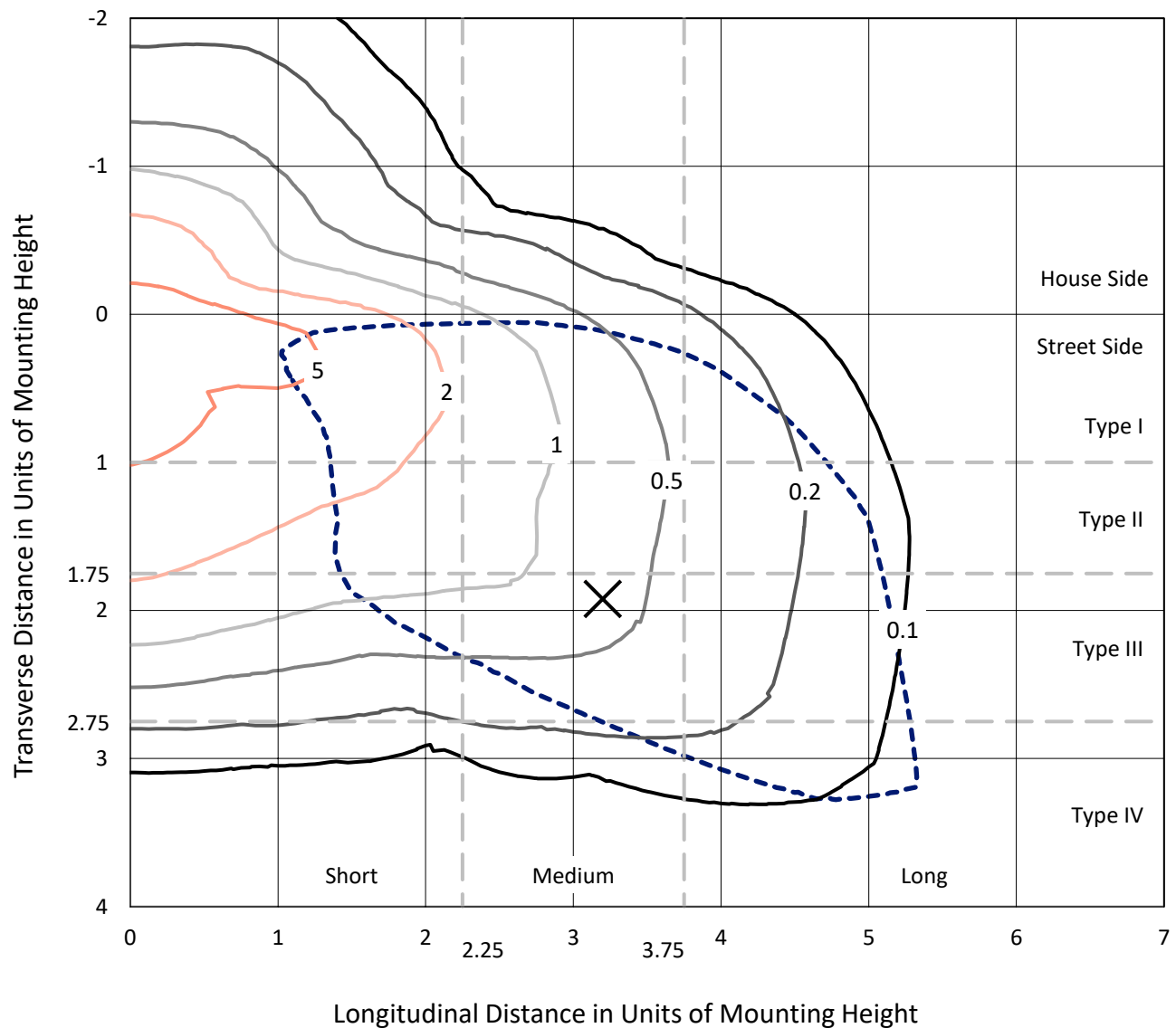
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P952965  
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## Iso-Footcandle Lines of Horizontal Illumination

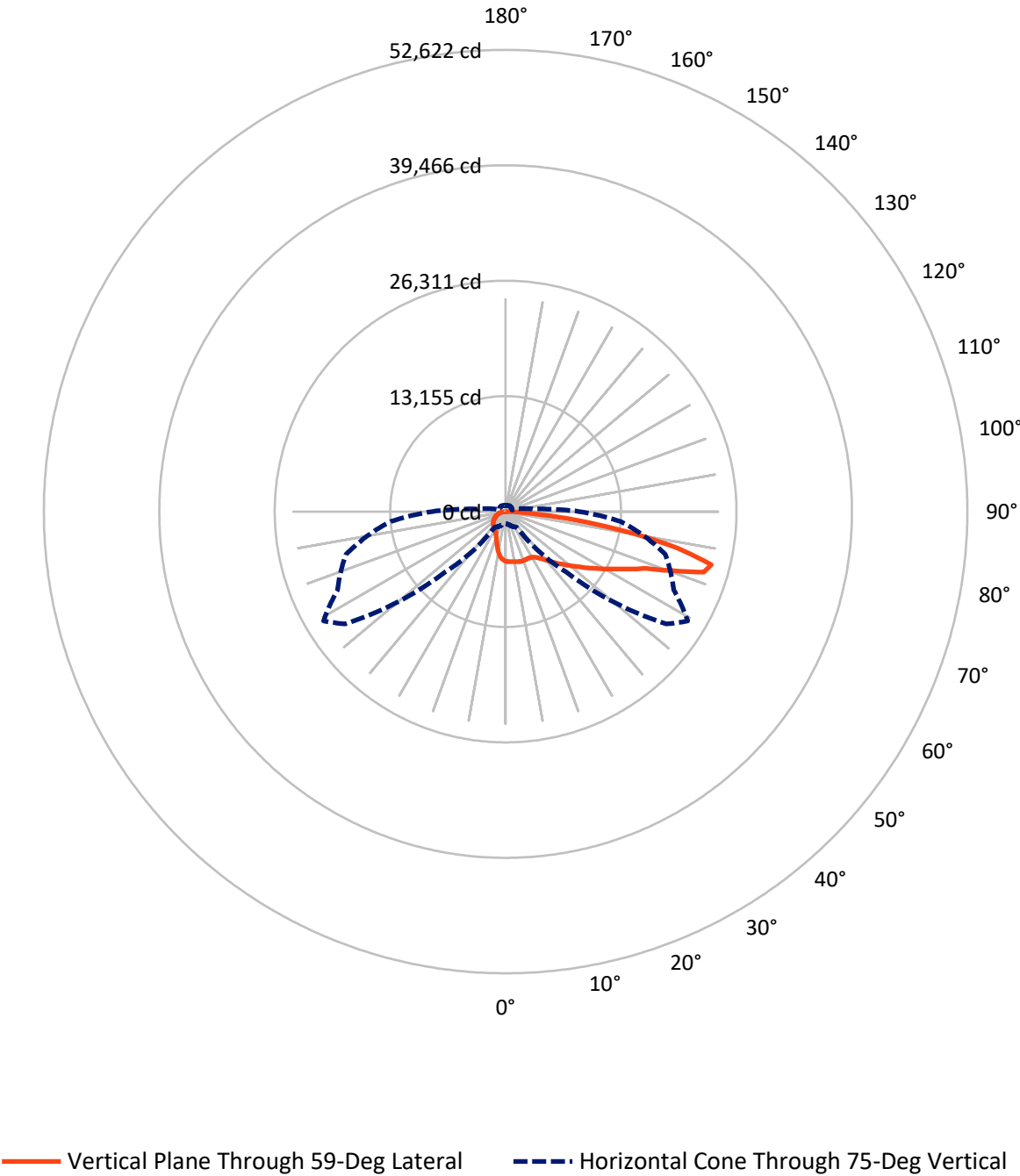
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.1 fc  
Type IV - Medium - N/A

REPORT NUMBER: P952965  
CATALOG NUMBER: GLAN-SB6C-930-U-SL3

Luminous Intensity Polar Plot



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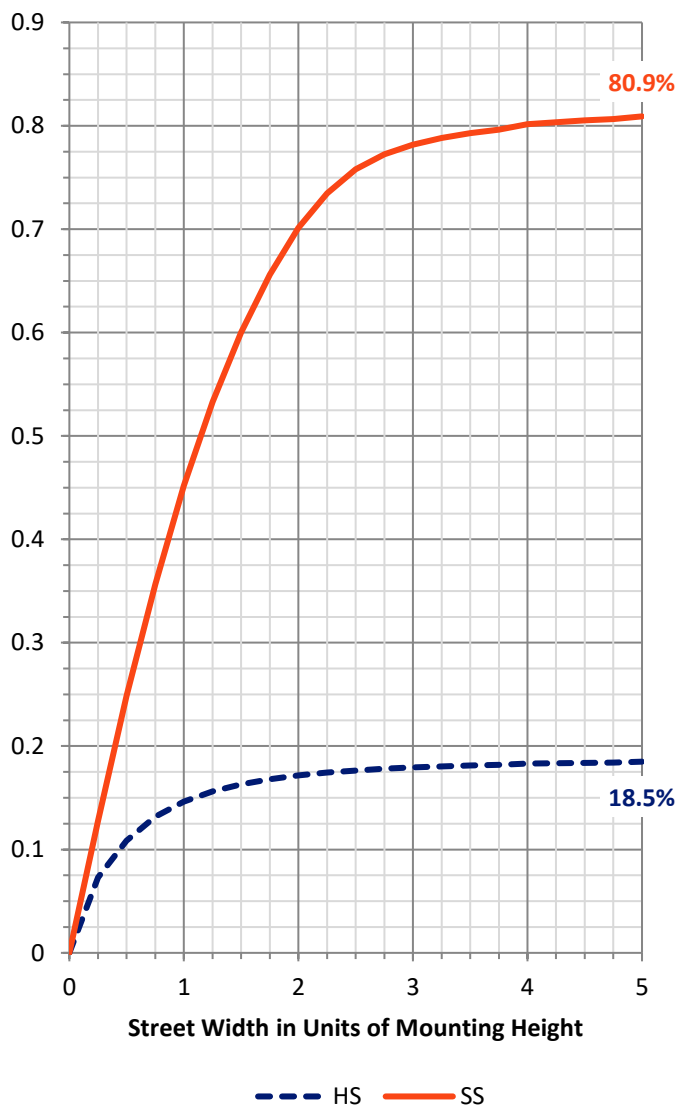
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5791.0   | 0.0    | 5791.0  |
|                    | % Fixture | 18.8     | 0.0    | 18.8    |
| <b>Street Side</b> | Lumens    | 25085.0  | 0.0    | 25085.0 |
|                    | % Fixture | 81.2     | 0.0    | 81.2    |
| <b>Total</b>       | Lumens    | 30876.0  | 0.0    | 30876.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 508.2   | 1.6       |
| 10°-20°   | 1298.9  | 4.2       |
| 20°-30°   | 1972.9  | 6.4       |
| 30°-40°   | 2932.7  | 9.5       |
| 40°-50°   | 4361.4  | 14.1      |
| 50°-60°   | 5920.1  | 19.2      |
| 60°-70°   | 7227.4  | 23.4      |
| 70°-80°   | 5672.0  | 18.4      |
| 80°-90°   | 982.5   | 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°    | 30876.0 | 100.0     |
| 0°-180°   | 30876.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P952965

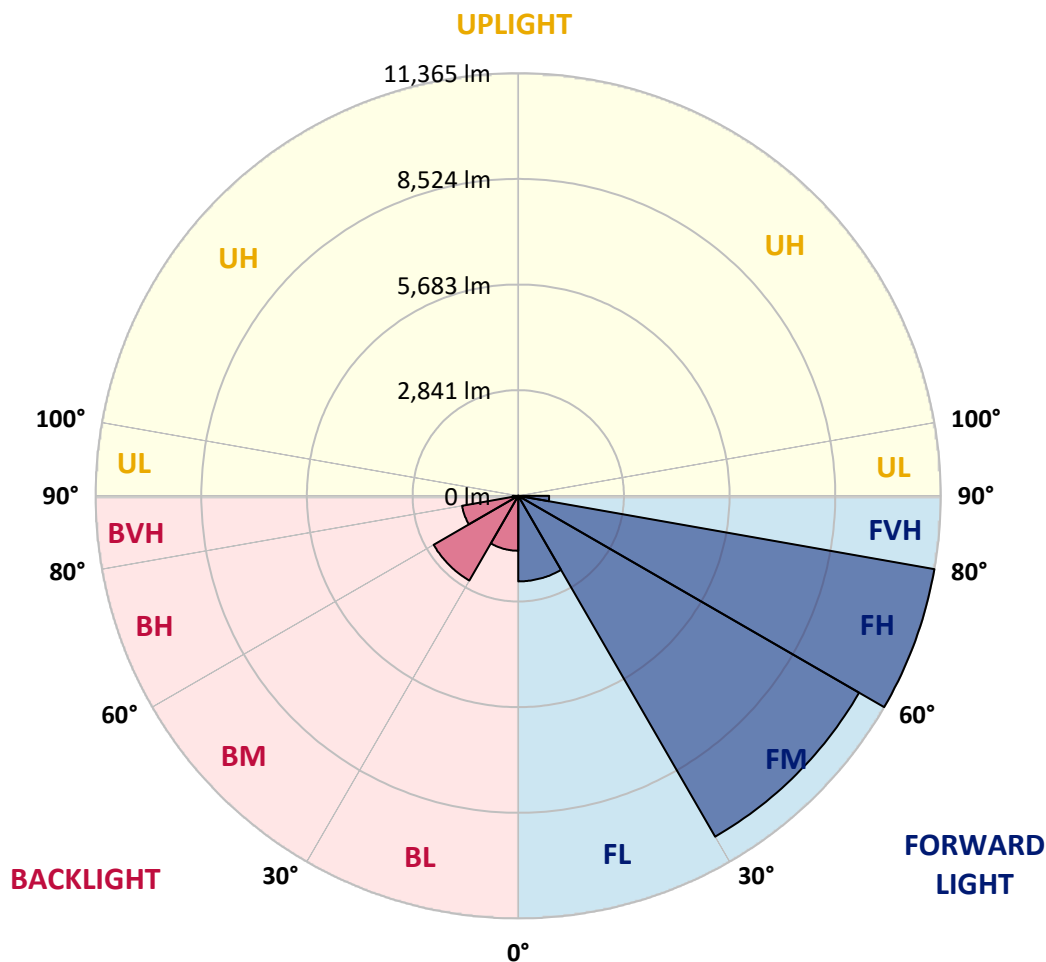
CATALOG NUMBER: GLAN-SB6C-930-U-SL3

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 2302.1  | 7.5       |                         |      |          |
| FM   | (30°-60°)   | 10585.6 | 34.3      |                         |      |          |
| FH   | (60°-80°)   | 11365.1 | 36.8      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 832.1   | 2.7       |                         |      | G5       |
| BL   | (0°-30°)    | 1477.8  | 4.8       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2628.5  | 8.5       | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1534.3  | 5.0       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 150.4   | 0.5       |                         |      | G2/225   |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |          |

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

Type IV Medium



REPORT NUMBER: P952965

CATALOG NUMBER: GLAN-SB6C-930-U-SL3

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 59°     | 65°     | 75°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 5667.2  | 5667.2  | 5667.2  | 5667.2  | 5667.2  | 5667.2  | 5667.2  | 5667.2  | 5667.2  | 5667.2  |
| 2.5°  | 5715.4  | 5695.5  | 5715.4  | 5707.1  | 5703.8  | 5697.1  | 5698.8  | 5710.4  | 5703.8  | 5712.1  |
| 5°    | 5677.2  | 5665.6  | 5685.5  | 5680.5  | 5702.1  | 5705.4  | 5727.0  | 5740.3  | 5748.6  | 5750.3  |
| 7.5°  | 5614.1  | 5602.4  | 5630.7  | 5653.9  | 5700.4  | 5713.7  | 5758.6  | 5780.2  | 5791.8  | 5811.7  |
| 10°   | 5383.2  | 5378.2  | 5448.0  | 5536.0  | 5645.6  | 5713.7  | 5781.8  | 5818.4  | 5836.6  | 5889.8  |
| 12.5° | 4974.6  | 4981.2  | 5072.6  | 5242.0  | 5461.3  | 5680.5  | 5808.4  | 5861.6  | 5889.8  | 5956.2  |
| 15°   | 4584.3  | 4582.6  | 4682.3  | 4863.3  | 5170.6  | 5534.3  | 5821.7  | 5913.0  | 5961.2  | 6059.2  |
| 17.5° | 4358.4  | 4351.7  | 4421.5  | 4559.4  | 4845.0  | 5310.1  | 5788.5  | 5941.3  | 6044.3  | 6167.2  |
| 20°   | 4316.9  | 4303.6  | 4340.1  | 4408.2  | 4610.8  | 5064.3  | 5702.1  | 5941.3  | 6110.7  | 6270.2  |
| 22.5° | 4468.0  | 4446.4  | 4431.5  | 4423.2  | 4512.8  | 4861.7  | 5604.1  | 5921.3  | 6208.7  | 6418.0  |
| 25°   | 4772.0  | 4738.7  | 4662.3  | 4587.6  | 4561.0  | 4770.3  | 5517.7  | 5916.4  | 6354.9  | 6617.3  |
| 27.5° | 5263.6  | 5222.1  | 5067.6  | 4888.2  | 4727.1  | 4816.8  | 5479.5  | 5946.3  | 6516.0  | 6828.2  |
| 30°   | 5873.2  | 5828.3  | 5634.0  | 5358.3  | 5069.3  | 4989.5  | 5527.7  | 6034.3  | 6721.9  | 7108.9  |
| 32.5° | 6419.6  | 6369.8  | 6203.7  | 5923.0  | 5532.7  | 5288.5  | 5680.5  | 6202.1  | 7045.8  | 7499.3  |
| 35°   | 6904.6  | 6846.5  | 6697.0  | 6437.9  | 6100.7  | 5708.7  | 5956.2  | 6499.4  | 7505.9  | 8133.8  |
| 37.5° | 7379.7  | 7311.6  | 7148.8  | 6874.7  | 6638.9  | 6268.5  | 6336.6  | 6881.4  | 8117.1  | 8904.4  |
| 40°   | 7911.2  | 7813.2  | 7615.5  | 7344.8  | 7115.6  | 6924.6  | 6836.5  | 7349.8  | 8738.3  | 9764.8  |
| 42.5° | 8426.1  | 8333.1  | 8097.2  | 7866.3  | 7579.0  | 7524.2  | 7416.2  | 7897.9  | 9417.7  | 10709.9 |
| 45°   | 8980.9  | 8869.6  | 8583.9  | 8291.5  | 8110.5  | 7922.8  | 7977.6  | 8446.0  | 10083.7 | 11673.3 |
| 47.5° | 9500.7  | 9376.2  | 9039.0  | 8713.4  | 8613.8  | 8258.3  | 8492.5  | 9049.0  | 10776.4 | 12649.9 |
| 50°   | 9781.4  | 9658.5  | 9377.8  | 9083.8  | 9005.8  | 8671.9  | 9050.6  | 9711.7  | 11502.2 | 13623.3 |
| 52.5° | 10015.6 | 9882.8  | 9515.7  | 9352.9  | 9329.7  | 9122.0  | 9738.3  | 10469.1 | 12228.0 | 14483.6 |
| 55°   | 10264.8 | 10117.0 | 9648.6  | 9502.4  | 9608.7  | 9627.0  | 10553.8 | 11327.8 | 12995.4 | 15322.4 |
| 57.5° | 10552.1 | 10364.4 | 9776.5  | 9628.6  | 9881.1  | 10218.3 | 11490.6 | 12218.1 | 13749.5 | 16099.8 |
| 60°   | 10822.9 | 10633.5 | 10022.3 | 9829.6  | 10175.1 | 10904.3 | 12565.2 | 13296.0 | 14603.2 | 16792.4 |
| 62.5° | 10876.0 | 10719.9 | 10218.3 | 10216.6 | 10573.7 | 11704.8 | 13837.5 | 14384.0 | 15349.0 | 17476.7 |
| 65°   | 9955.8  | 9857.8  | 9560.5  | 10201.7 | 11145.1 | 12857.5 | 15254.3 | 15775.9 | 16297.4 | 18074.6 |
| 67.5° | 7577.3  | 7590.6  | 7569.0  | 8806.4  | 10683.3 | 14513.5 | 17305.6 | 17265.8 | 17468.4 | 18745.7 |
| 70°   | 3464.8  | 3542.8  | 4051.1  | 6079.1  | 8559.0  | 14704.5 | 20697.3 | 20180.8 | 18938.4 | 19614.4 |
| 72.5° | 1871.9  | 1931.7  | 2139.3  | 2944.9  | 5145.7  | 13073.5 | 23232.0 | 23599.0 | 20893.3 | 20199.0 |
| 75°   | 1373.6  | 1406.8  | 1551.3  | 1871.9  | 2160.9  | 9716.7  | 22323.4 | 24206.9 | 21137.5 | 18835.4 |
| 77.5° | 1028.1  | 1043.1  | 1161.0  | 1483.2  | 1106.2  | 5122.4  | 17837.1 | 20047.9 | 18094.6 | 15475.2 |
| 80°   | 745.8   | 762.4   | 850.4   | 1112.8  | 775.7   | 1873.6  | 12248.0 | 14071.7 | 12392.5 | 9864.5  |
| 82.5° | 514.9   | 521.5   | 559.7   | 757.4   | 541.5   | 727.5   | 6949.5  | 8251.7  | 6917.9  | 3461.5  |
| 85°   | 310.6   | 318.9   | 335.5   | 441.8   | 307.3   | 345.5   | 2999.7  | 3102.7  | 2067.9  | 827.2   |
| 87.5° | 127.9   | 136.2   | 149.5   | 186.0   | 121.3   | 96.3    | 495.0   | 621.2   | 387.0   | 242.5   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

REPORT NUMBER: P952965

CATALOG NUMBER: GLAN-SB6C-930-U-SL3

**CANDELA DISTRIBUTION (continued):**

| 85°     |       | 90°     | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5667.2  | 0°    | 5667.2  | 5667.2 | 5667.2 | 5667.2 | 5667.2 | 5667.2 | 5667.2 | 5667.2 | 5667.2 | 5667.2 |
| 5683.8  | 2.5°  | 5675.5  | 5663.9 | 5632.3 | 5589.2 | 5549.3 | 5499.5 | 5477.9 | 5459.6 | 5443.0 | 5411.4 |
| 5728.7  | 5°    | 5710.4  | 5678.8 | 5594.1 | 5484.5 | 5359.9 | 5223.7 | 5090.9 | 4999.5 | 4921.4 | 4863.3 |
| 5780.2  | 7.5°  | 5763.6  | 5703.8 | 5549.3 | 5325.1 | 5039.4 | 4747.0 | 4483.0 | 4295.3 | 4154.1 | 4102.6 |
| 5853.2  | 10°   | 5818.4  | 5746.9 | 5477.9 | 5082.6 | 4589.3 | 4139.1 | 3788.7 | 3596.0 | 3483.0 | 3446.5 |
| 5939.6  | 12.5° | 5883.1  | 5778.5 | 5366.6 | 4745.4 | 4086.0 | 3592.7 | 3287.1 | 3174.1 | 3116.0 | 3096.0 |
| 6045.9  | 15°   | 5977.8  | 5805.1 | 5198.8 | 4323.5 | 3606.0 | 3194.0 | 2996.4 | 2918.3 | 2888.4 | 2886.8 |
| 6155.5  | 17.5° | 6049.2  | 5810.1 | 4938.1 | 3871.7 | 3237.2 | 2953.2 | 2790.4 | 2760.5 | 2780.5 | 2810.4 |
| 6263.5  | 20°   | 6129.0  | 5765.2 | 4595.9 | 3459.8 | 2978.1 | 2742.3 | 2674.2 | 2694.1 | 2742.3 | 2785.4 |
| 6406.4  | 22.5° | 6185.4  | 5683.8 | 4182.3 | 3139.2 | 2753.9 | 2621.0 | 2617.7 | 2659.2 | 2685.8 | 2707.4 |
| 6574.1  | 25°   | 6235.3  | 5546.0 | 3743.8 | 2870.2 | 2569.5 | 2547.9 | 2584.5 | 2571.2 | 2552.9 | 2571.2 |
| 6741.9  | 27.5° | 6271.8  | 5328.4 | 3351.8 | 2634.3 | 2440.0 | 2498.1 | 2476.5 | 2446.6 | 2444.9 | 2454.9 |
| 6939.5  | 30°   | 6260.2  | 5037.7 | 3029.6 | 2410.1 | 2348.6 | 2405.1 | 2353.6 | 2348.6 | 2343.6 | 2348.6 |
| 7236.8  | 32.5° | 6260.2  | 4707.2 | 2782.1 | 2255.6 | 2290.5 | 2268.9 | 2263.9 | 2252.3 | 2232.3 | 2230.7 |
| 7640.5  | 35°   | 6295.1  | 4376.6 | 2569.5 | 2172.5 | 2242.3 | 2190.8 | 2194.1 | 2165.9 | 2124.4 | 2104.4 |
| 8175.3  | 37.5° | 6366.5  | 4110.9 | 2358.6 | 2132.7 | 2157.6 | 2155.9 | 2142.6 | 2094.5 | 2021.4 | 1958.3 |
| 8843.0  | 40°   | 6539.2  | 4032.8 | 2214.1 | 2114.4 | 2117.7 | 2137.7 | 2102.8 | 2009.8 | 1843.7 | 1740.7 |
| 9520.7  | 42.5° | 6810.0  | 4164.0 | 2182.5 | 2069.6 | 2091.2 | 2111.1 | 2043.0 | 1827.1 | 1709.1 | 1647.7 |
| 10231.6 | 45°   | 7153.8  | 4393.3 | 2250.6 | 2004.8 | 2028.0 | 2062.9 | 1860.3 | 1757.3 | 1704.2 | 1705.8 |
| 10935.8 | 47.5° | 7589.0  | 4634.1 | 2376.8 | 1948.3 | 1936.7 | 1956.6 | 1739.0 | 1675.9 | 1602.8 | 1621.1 |
| 11611.8 | 50°   | 8092.2  | 4878.3 | 2496.4 | 1871.9 | 1835.4 | 1770.6 | 1661.0 | 1601.2 | 1508.2 | 1465.0 |
| 12264.6 | 52.5° | 8637.0  | 5114.1 | 2544.6 | 1778.9 | 1725.7 | 1651.0 | 1607.8 | 1534.7 | 1421.8 | 1350.4 |
| 12880.8 | 55°   | 9153.6  | 5328.4 | 2491.5 | 1667.6 | 1616.1 | 1558.0 | 1551.3 | 1506.5 | 1385.2 | 1285.6 |
| 13428.9 | 57.5° | 9641.9  | 5507.8 | 2358.6 | 1554.7 | 1504.8 | 1470.0 | 1514.8 | 1493.2 | 1340.4 | 1212.5 |
| 13947.1 | 60°   | 10055.5 | 5630.7 | 2165.9 | 1440.1 | 1405.2 | 1386.9 | 1455.0 | 1448.4 | 1277.3 | 1134.4 |
| 14412.2 | 62.5° | 10384.4 | 5678.8 | 1953.3 | 1330.4 | 1322.1 | 1288.9 | 1372.0 | 1372.0 | 1197.6 | 1058.0 |
| 14820.8 | 65°   | 10641.8 | 5632.3 | 1737.4 | 1222.5 | 1239.1 | 1189.3 | 1270.6 | 1260.7 | 1112.8 | 989.9  |
| 15290.9 | 67.5° | 10869.4 | 5479.5 | 1498.2 | 1116.2 | 1154.4 | 1091.3 | 1164.3 | 1141.1 | 1019.8 | 921.8  |
| 15697.8 | 70°   | 10970.7 | 5124.1 | 1225.8 | 1009.9 | 1056.4 | 994.9  | 1058.0 | 1014.9 | 915.2  | 848.8  |
| 15251.0 | 72.5° | 10156.8 | 4258.7 | 965.0  | 898.6  | 938.4  | 888.6  | 943.4  | 893.6  | 802.2  | 772.3  |
| 13169.8 | 75°   | 8402.8  | 3195.7 | 742.5  | 777.3  | 807.2  | 769.0  | 805.6  | 769.0  | 686.0  | 707.6  |
| 9728.3  | 77.5° | 6102.4  | 2157.6 | 568.1  | 649.4  | 662.7  | 642.8  | 674.4  | 632.8  | 558.1  | 553.1  |
| 4848.4  | 80°   | 3034.6  | 1264.0 | 445.1  | 513.2  | 508.3  | 495.0  | 531.5  | 511.6  | 448.5  | 475.0  |
| 1308.8  | 82.5° | 878.7   | 541.5  | 323.9  | 360.4  | 350.5  | 353.8  | 380.4  | 390.3  | 584.7  | 579.7  |
| 406.9   | 85°   | 275.7   | 212.6  | 194.3  | 201.0  | 191.0  | 196.0  | 224.2  | 445.1  | 411.9  | 240.8  |
| 126.2   | 87.5° | 71.4    | 73.1   | 48.2   | 51.5   | 53.2   | 63.1   | 71.4   | 270.7  | 129.6  | 84.7   |
| 0.0     | 90°   | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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| 180°   |
|--------|
| 5667.2 |
| 5396.5 |
| 4815.1 |
| 4012.9 |
| 3390.0 |
| 3101.0 |
| 2893.4 |
| 2822.0 |
| 2800.4 |
| 2719.0 |
| 2582.8 |
| 2471.5 |
| 2366.9 |
| 2252.3 |
| 2124.4 |
| 1979.9 |
| 1754.0 |
| 1647.7 |
| 1714.1 |
| 1667.6 |
| 1476.6 |
| 1348.7 |
| 1285.6 |
| 1205.9 |
| 1129.5 |
| 1053.1 |
| 983.3  |
| 915.2  |
| 835.5  |
| 747.4  |
| 646.1  |
| 528.2  |
| 470.1  |
| 593.0  |
| 260.8  |
| 89.7   |
| 0.0    |