

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: P951262

Luminaire Tested: **GLAN-SB5C-722-U-SL2**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P951262  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB5C-722-U-SL2  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL  
LIGHT ELIMINATOR OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 31062 lumens  
Efficiency: N/A  
Efficacy: 124.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 249.5  
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

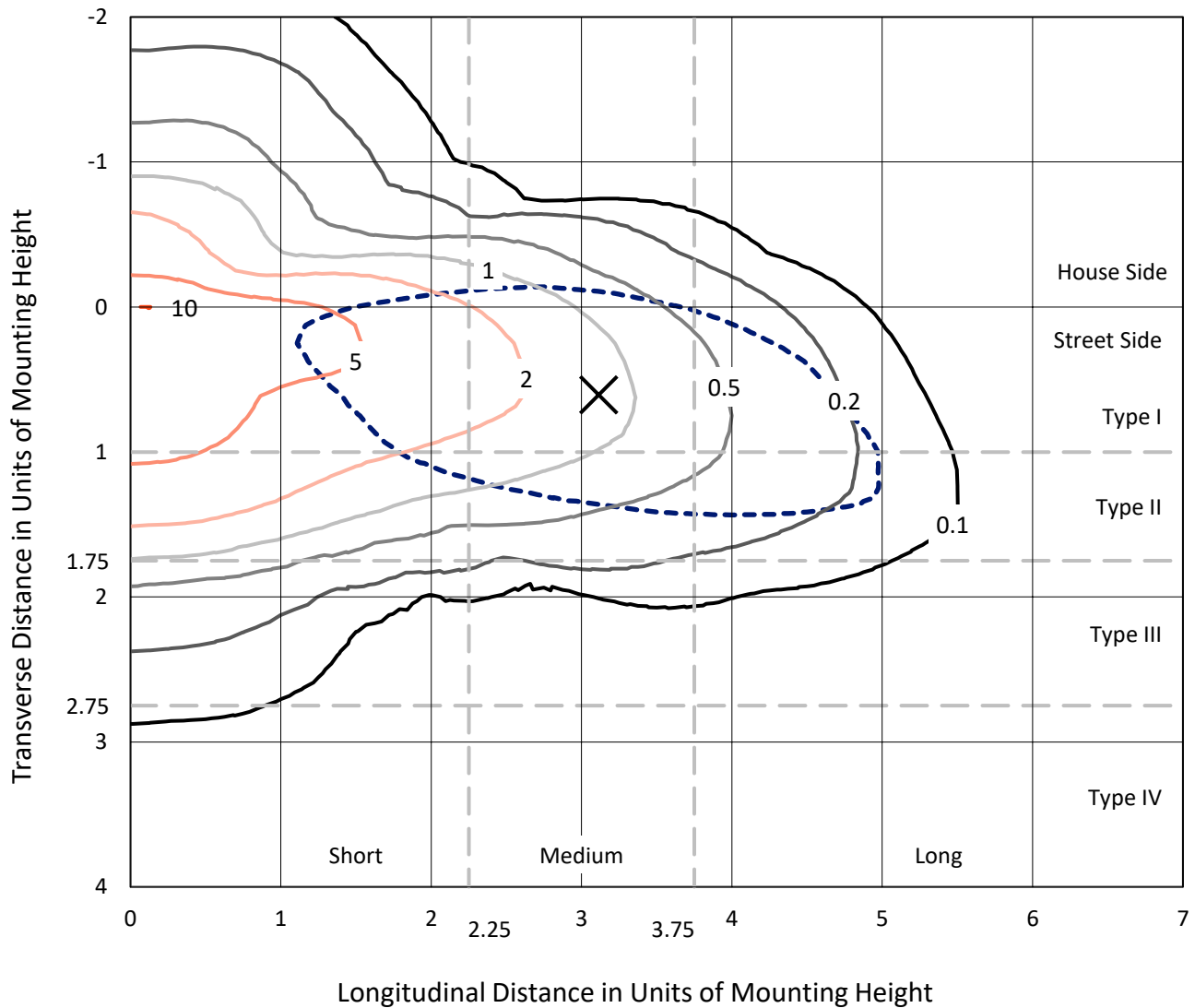


REPORT NUMBER: P951262

CATALOG NUMBER: GLAN-SB5C-722-U-SL2

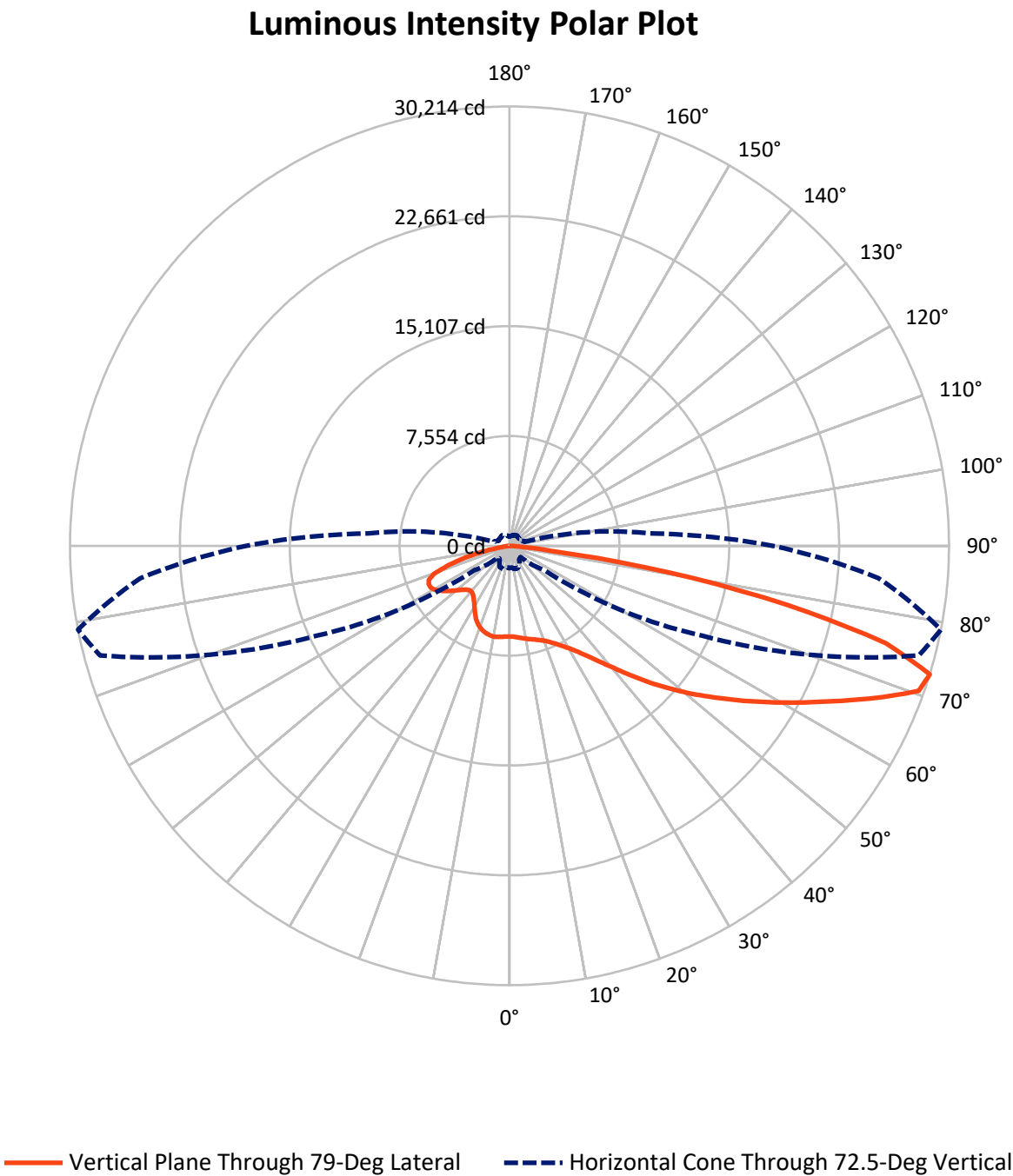
## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10 fc  
Type II - Medium - N/A

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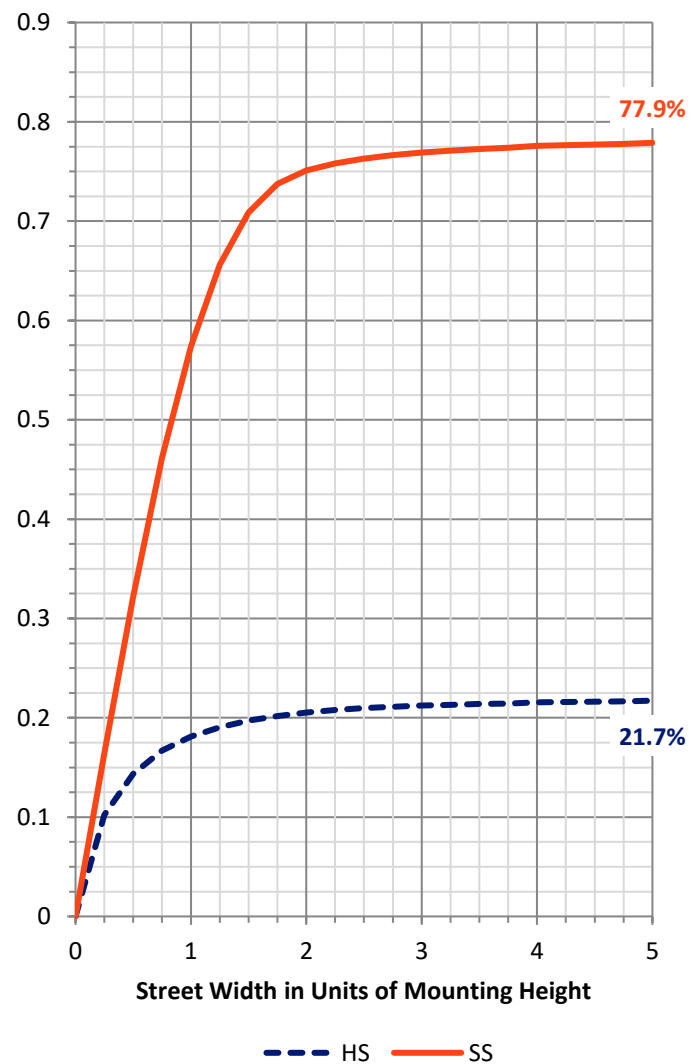
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6835.4   | 0.0    | 6835.4  |
|                    | % Fixture | 22.0     | 0.0    | 22.0    |
| <b>Street Side</b> | Lumens    | 24226.7  | 0.0    | 24226.7 |
|                    | % Fixture | 78.0     | 0.0    | 78.0    |
| <b>Total</b>       | Lumens    | 31062.0  | 0.0    | 31062.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 566.0   | 1.8       |
| 10°-20°   | 1479.8  | 4.8       |
| 20°-30°   | 2387.8  | 7.7       |
| 30°-40°   | 3583.7  | 11.5      |
| 40°-50°   | 5083.7  | 16.4      |
| 50°-60°   | 6420.0  | 20.7      |
| 60°-70°   | 6520.4  | 21.0      |
| 70°-80°   | 4444.0  | 14.3      |
| 80°-90°   | 576.6   | 1.9       |
| 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°    | 31062.0 | 100.0     |
| 0°-180°   | 31062.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P951262

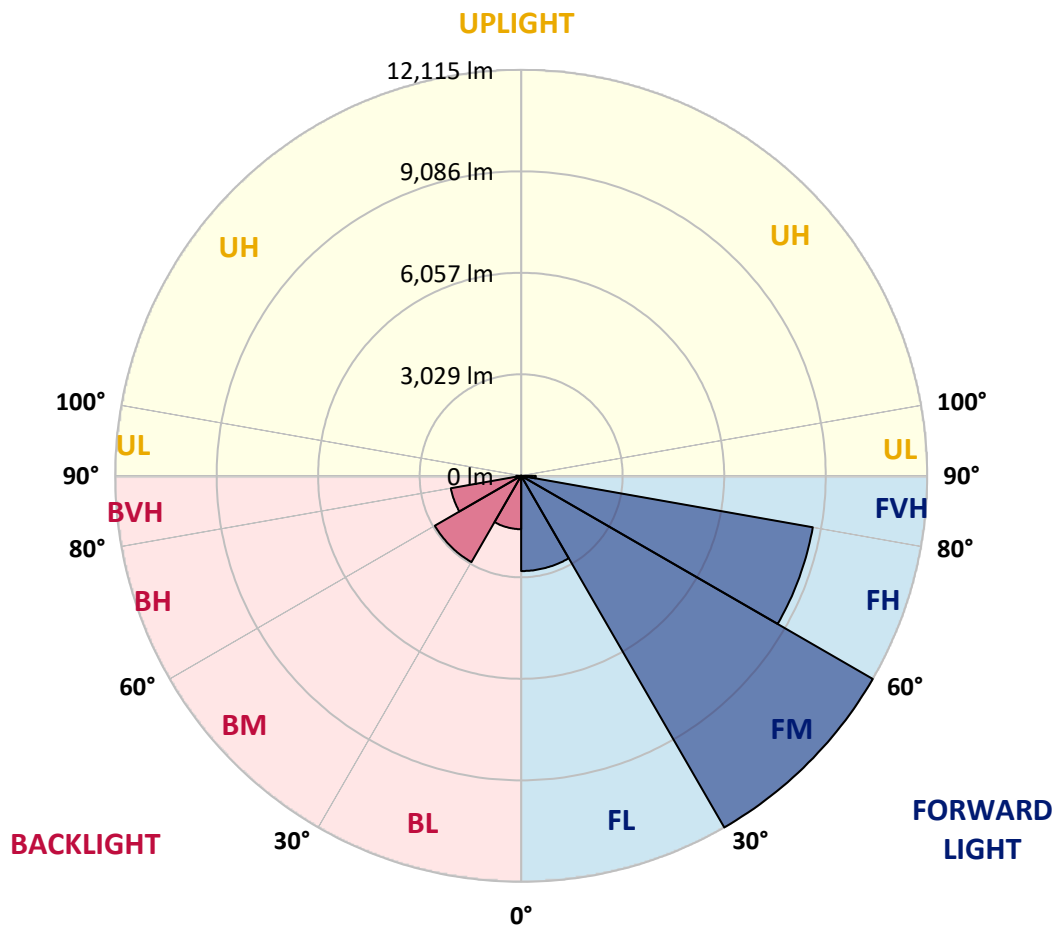
CATALOG NUMBER: GLAN-SB5C-722-U-SL2

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 2841.4  | 9.1       |                         |      |          |
| FM   | (30°-60°)   | 12114.8 | 39.0      |                         |      |          |
| FH   | (60°-80°)   | 8836.1  | 28.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 434.3   | 1.4       |                         |      | G3/500   |
| BL   | (0°-30°)    | 1592.2  | 5.1       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2972.7  | 9.6       | B3/5000                 |      |          |
| BH   | (60°-80°)   | 2128.3  | 6.9       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 142.2   | 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-G4**

Type II Medium



REPORT NUMBER: P951262

CATALOG NUMBER: GLAN-SB5C-722-U-SL2

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 79°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 6235.4  | 6235.4  | 6235.4  | 6235.4  | 6235.4  | 6235.4  | 6235.4  | 6235.4  | 6235.4  | 6235.4  |
| 2.5°  | 6238.7  | 6209.1  | 6227.2  | 6220.6  | 6228.8  | 6238.7  | 6242.0  | 6246.9  | 6263.3  | 6261.7  |
| 5°    | 6225.5  | 6196.0  | 6220.6  | 6212.4  | 6233.8  | 6256.8  | 6276.5  | 6294.6  | 6320.8  | 6332.3  |
| 7.5°  | 6197.6  | 6177.9  | 6202.5  | 6227.2  | 6266.6  | 6301.1  | 6329.1  | 6370.1  | 6407.9  | 6414.5  |
| 10°   | 6034.9  | 6020.2  | 6077.7  | 6141.7  | 6250.2  | 6343.8  | 6404.6  | 6452.3  | 6493.4  | 6499.9  |
| 12.5° | 5865.7  | 5847.6  | 5911.7  | 5998.8  | 6174.6  | 6343.8  | 6472.0  | 6534.4  | 6570.6  | 6591.9  |
| 15°   | 5837.8  | 5823.0  | 5859.1  | 5934.7  | 6081.0  | 6299.5  | 6518.0  | 6633.0  | 6664.2  | 6688.9  |
| 17.5° | 5972.5  | 5944.6  | 5959.4  | 5985.7  | 6071.1  | 6258.4  | 6554.2  | 6744.7  | 6792.4  | 6818.7  |
| 20°   | 6284.7  | 6245.3  | 6222.3  | 6169.7  | 6154.9  | 6265.0  | 6550.9  | 6879.5  | 6941.9  | 6974.8  |
| 22.5° | 6700.4  | 6674.1  | 6624.8  | 6491.7  | 6347.1  | 6345.5  | 6613.3  | 7052.0  | 7168.7  | 7199.9  |
| 25°   | 7203.2  | 7163.7  | 7101.3  | 6920.6  | 6642.9  | 6504.9  | 6718.5  | 7272.2  | 7467.7  | 7475.9  |
| 27.5° | 7781.5  | 7722.4  | 7636.9  | 7398.7  | 7024.1  | 6754.6  | 6879.5  | 7525.2  | 7811.1  | 7807.8  |
| 30°   | 8391.1  | 8331.9  | 8241.6  | 7952.4  | 7480.8  | 7091.4  | 7102.9  | 7797.9  | 8218.6  | 8200.5  |
| 32.5° | 8836.4  | 8792.0  | 8773.9  | 8550.5  | 8006.6  | 7489.1  | 7359.3  | 8100.3  | 8721.3  | 8704.9  |
| 35°   | 9178.1  | 9120.6  | 9142.0  | 9028.6  | 8580.0  | 7934.3  | 7673.1  | 8460.1  | 9332.6  | 9330.9  |
| 37.5° | 9516.6  | 9465.7  | 9483.7  | 9408.1  | 9110.8  | 8499.5  | 8055.9  | 8900.4  | 10090.0 | 10126.2 |
| 40°   | 9825.5  | 9771.3  | 9843.6  | 9772.9  | 9523.2  | 9100.9  | 8491.3  | 9398.3  | 10967.4 | 11036.4 |
| 42.5° | 10011.1 | 9968.4  | 10088.4 | 10090.0 | 9881.3  | 9608.6  | 8969.4  | 9947.1  | 11982.8 | 12137.3 |
| 45°   | 10075.2 | 10060.4 | 10241.2 | 10279.0 | 10198.5 | 9902.7  | 9399.9  | 10545.1 | 13077.1 | 13353.1 |
| 47.5° | 10006.2 | 9978.3  | 10228.0 | 10367.7 | 10431.8 | 10040.7 | 9756.5  | 11192.5 | 14194.4 | 14598.6 |
| 50°   | 9657.9  | 9603.7  | 9975.0  | 10269.1 | 10497.5 | 10131.1 | 10116.3 | 11940.1 | 15464.5 | 15906.4 |
| 52.5° | 9031.9  | 8990.8  | 9413.1  | 9924.1  | 10352.9 | 10175.5 | 10520.5 | 12756.7 | 16670.5 | 17242.2 |
| 55°   | 8231.7  | 8177.5  | 8642.5  | 9309.6  | 9993.1  | 10160.7 | 10924.7 | 13670.2 | 18093.3 | 18673.3 |
| 57.5° | 6963.3  | 6854.8  | 7443.0  | 8231.7  | 9406.5  | 10142.6 | 11345.3 | 14578.8 | 19539.2 | 20234.2 |
| 60°   | 5113.2  | 4952.2  | 5673.5  | 6608.4  | 8259.6  | 9966.8  | 11866.2 | 15597.5 | 21274.3 | 21900.3 |
| 62.5° | 2977.2  | 2883.6  | 3355.1  | 4227.6  | 6225.5  | 8931.7  | 12158.6 | 16782.2 | 22979.8 | 23637.0 |
| 65°   | 2311.8  | 2285.5  | 2326.6  | 2393.9  | 3465.2  | 6687.2  | 11256.6 | 17937.3 | 25148.6 | 25608.7 |
| 67.5° | 2114.6  | 2094.9  | 2113.0  | 1986.5  | 1758.1  | 3724.8  | 8905.4  | 18229.7 | 27471.9 | 27751.2 |
| 70°   | 1879.7  | 1856.7  | 1915.8  | 1807.4  | 1383.5  | 1694.0  | 5754.0  | 17168.3 | 29320.4 | 29844.5 |
| 72.5° | 1531.3  | 1505.0  | 1643.1  | 1593.8  | 1164.9  | 1087.7  | 2890.1  | 14646.2 | 29126.5 | 30214.2 |
| 75°   | 1176.4  | 1161.6  | 1325.9  | 1367.0  | 949.7   | 856.0   | 1386.7  | 10886.9 | 25631.7 | 26727.6 |
| 77.5° | 913.5   | 902.0   | 985.8   | 1135.4  | 765.7   | 663.8   | 852.7   | 6905.8  | 19315.8 | 19508.0 |
| 80°   | 685.2   | 652.3   | 729.5   | 879.0   | 596.4   | 484.7   | 578.4   | 4027.1  | 12209.6 | 11067.6 |
| 82.5° | 428.8   | 412.4   | 476.5   | 586.6   | 420.6   | 333.5   | 376.3   | 2224.7  | 4893.0  | 2881.9  |
| 85°   | 244.8   | 238.2   | 259.6   | 335.2   | 228.4   | 192.2   | 215.2   | 982.5   | 893.8   | 614.5   |
| 87.5° | 98.6    | 95.3    | 118.3   | 149.5   | 83.8    | 70.7    | 75.6    | 236.6   | 197.2   | 182.4   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

REPORT NUMBER: P951262

CATALOG NUMBER: GLAN-SB5C-722-U-SL2

**CANDELA DISTRIBUTION (continued):**

| 85°     |       | 90°     | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   |
|---------|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6235.4  | 0°    | 6235.4  | 6235.4  | 6235.4 | 6235.4 | 6235.4 | 6235.4 | 6235.4 | 6235.4 | 6235.4 | 6235.4 |
| 6260.0  | 2.5°  | 6253.5  | 6253.5  | 6230.5 | 6194.3 | 6153.2 | 6127.0 | 6084.2 | 6072.7 | 6028.4 | 6015.2 |
| 6315.9  | 5°    | 6329.1  | 6315.9  | 6245.3 | 6143.4 | 6003.7 | 5875.6 | 5734.3 | 5645.5 | 5520.7 | 5476.3 |
| 6426.0  | 7.5°  | 6424.4  | 6388.2  | 6266.6 | 6043.2 | 5750.7 | 5463.2 | 5164.1 | 4937.4 | 4720.5 | 4643.3 |
| 6516.4  | 10°   | 6511.4  | 6460.5  | 6253.5 | 5862.4 | 5356.4 | 4858.5 | 4382.0 | 4048.5 | 3795.5 | 3691.9 |
| 6616.6  | 12.5° | 6598.5  | 6504.9  | 6166.4 | 5561.7 | 4796.1 | 4120.8 | 3613.1 | 3353.5 | 3197.4 | 3072.5 |
| 6698.7  | 15°   | 6680.7  | 6549.2  | 6031.7 | 5159.2 | 4181.6 | 3496.4 | 3121.8 | 2914.8 | 2789.9 | 2707.8 |
| 6818.7  | 17.5° | 6776.0  | 6587.0  | 5829.6 | 4648.2 | 3596.7 | 3064.3 | 2758.7 | 2633.8 | 2609.2 | 2599.3 |
| 6983.0  | 20°   | 6909.1  | 6621.5  | 5563.4 | 4076.4 | 3166.2 | 2719.3 | 2561.5 | 2550.0 | 2548.4 | 2543.5 |
| 7180.2  | 22.5° | 7052.0  | 6662.6  | 5211.8 | 3557.2 | 2799.8 | 2504.0 | 2476.1 | 2453.1 | 2438.3 | 2436.7 |
| 7418.4  | 25°   | 7221.2  | 6675.7  | 4771.4 | 3131.7 | 2487.6 | 2402.1 | 2369.3 | 2334.8 | 2324.9 | 2324.9 |
| 7689.5  | 27.5° | 7385.5  | 6631.4  | 4258.8 | 2762.0 | 2311.8 | 2308.5 | 2265.8 | 2254.3 | 2252.6 | 2257.6 |
| 7998.4  | 30°   | 7549.8  | 6547.6  | 3749.5 | 2420.2 | 2209.9 | 2209.9 | 2195.1 | 2203.3 | 2209.9 | 2226.3 |
| 8422.3  | 32.5° | 7771.7  | 6458.9  | 3323.9 | 2167.2 | 2121.2 | 2104.8 | 2119.5 | 2136.0 | 2142.5 | 2163.9 |
| 8979.3  | 35°   | 8097.0  | 6396.4  | 2985.4 | 2029.2 | 2029.2 | 2007.8 | 2016.0 | 2012.7 | 1998.0 | 1988.1 |
| 9653.0  | 37.5° | 8527.5  | 6393.1  | 2706.1 | 1965.1 | 1952.0 | 1948.7 | 1950.3 | 1928.9 | 1871.4 | 1802.4 |
| 10467.9 | 40°   | 9045.0  | 6481.9  | 2490.9 | 1920.7 | 1910.9 | 1930.6 | 1920.7 | 1863.2 | 1705.5 | 1585.5 |
| 11470.2 | 42.5° | 9740.0  | 6734.9  | 2352.9 | 1866.5 | 1896.1 | 1920.7 | 1881.3 | 1682.5 | 1575.7 | 1495.2 |
| 12612.1 | 45°   | 10558.3 | 7145.7  | 2282.2 | 1809.0 | 1868.2 | 1897.7 | 1707.1 | 1620.1 | 1534.6 | 1437.7 |
| 13857.5 | 47.5° | 11485.0 | 7663.2  | 2265.8 | 1754.8 | 1805.7 | 1823.8 | 1633.2 | 1593.8 | 1496.8 | 1391.7 |
| 15109.6 | 50°   | 12493.8 | 8276.1  | 2310.1 | 1690.7 | 1715.4 | 1652.9 | 1608.6 | 1572.4 | 1472.2 | 1368.7 |
| 16392.8 | 52.5° | 13537.1 | 8951.4  | 2398.9 | 1603.6 | 1625.0 | 1556.0 | 1598.7 | 1567.5 | 1457.4 | 1317.7 |
| 17718.7 | 55°   | 14562.4 | 9631.6  | 2484.3 | 1501.8 | 1533.0 | 1468.9 | 1570.8 | 1547.8 | 1390.0 | 1232.3 |
| 19133.4 | 57.5° | 15604.1 | 10308.5 | 2568.1 | 1411.4 | 1444.2 | 1385.1 | 1526.4 | 1495.2 | 1314.4 | 1153.4 |
| 20677.9 | 60°   | 16686.9 | 10965.8 | 2607.5 | 1324.3 | 1347.3 | 1307.9 | 1459.0 | 1404.8 | 1229.0 | 1072.9 |
| 22196.1 | 62.5° | 17700.7 | 11512.9 | 2543.5 | 1237.2 | 1252.0 | 1235.6 | 1370.3 | 1298.0 | 1143.6 | 982.5  |
| 23778.3 | 65°   | 18717.7 | 11838.2 | 2346.3 | 1151.8 | 1155.1 | 1146.9 | 1245.4 | 1183.0 | 1043.3 | 903.7  |
| 25163.4 | 67.5° | 19639.5 | 12020.6 | 2032.5 | 1059.8 | 1051.6 | 1048.3 | 1128.8 | 1058.1 | 946.4  | 824.8  |
| 26216.6 | 70°   | 19835.0 | 11557.3 | 1552.7 | 951.3  | 951.3  | 943.1  | 1000.6 | 928.3  | 839.6  | 741.0  |
| 25462.5 | 72.5° | 18116.3 | 9722.0  | 1102.5 | 828.1  | 841.2  | 824.8  | 872.5  | 811.7  | 731.2  | 665.4  |
| 21944.7 | 75°   | 14608.4 | 7129.2  | 801.8  | 701.6  | 724.6  | 696.7  | 741.0  | 698.3  | 629.3  | 627.6  |
| 15122.7 | 77.5° | 10037.4 | 4408.3  | 581.6  | 578.4  | 594.8  | 558.6  | 609.6  | 586.6  | 524.1  | 496.2  |
| 6582.1  | 80°   | 4283.4  | 1758.1  | 423.9  | 446.9  | 446.9  | 414.1  | 473.2  | 479.8  | 425.6  | 412.4  |
| 1270.1  | 82.5° | 852.7   | 499.5   | 297.4  | 307.3  | 289.2  | 279.3  | 335.2  | 371.3  | 512.6  | 570.1  |
| 382.8   | 85°   | 256.3   | 184.0   | 179.1  | 167.6  | 147.9  | 149.5  | 197.2  | 373.0  | 460.1  | 262.9  |
| 126.5   | 87.5° | 70.7    | 46.0    | 47.6   | 37.8   | 31.2   | 41.1   | 67.4   | 282.6  | 154.4  | 65.7   |
| 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°   |
|--------|
| 6235.4 |
| 6036.6 |
| 5509.2 |
| 4653.1 |
| 3715.0 |
| 3113.6 |
| 2722.5 |
| 2605.9 |
| 2559.9 |
| 2454.7 |
| 2334.8 |
| 2270.7 |
| 2237.8 |
| 2182.0 |
| 2011.1 |
| 1804.1 |
| 1582.3 |
| 1491.9 |
| 1431.1 |
| 1383.5 |
| 1357.2 |
| 1307.9 |
| 1224.1 |
| 1150.1 |
| 1068.0 |
| 980.9  |
| 893.8  |
| 815.0  |
| 737.7  |
| 645.7  |
| 565.2  |
| 465.0  |
| 412.4  |
| 571.8  |
| 226.7  |
| 55.9   |
| 0.0    |

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