

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: P940555

Luminaire Tested: **GLAN-SB3C-935-U-T2**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P940555  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3C-935-U-T2  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS  
Light Source: -  
Ballast/Driver: -

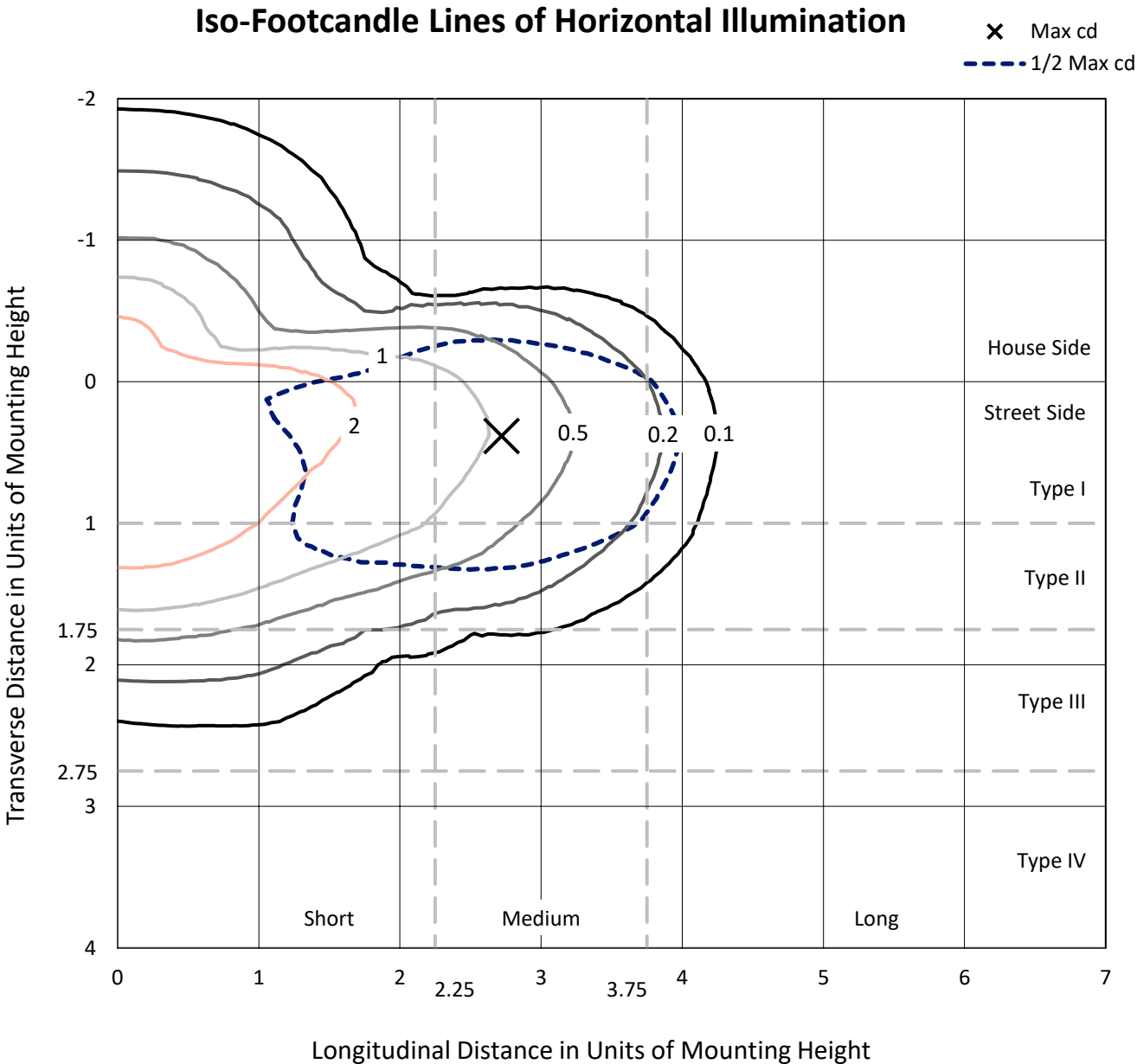
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 15488 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

Input Watts (W): 149.1  
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



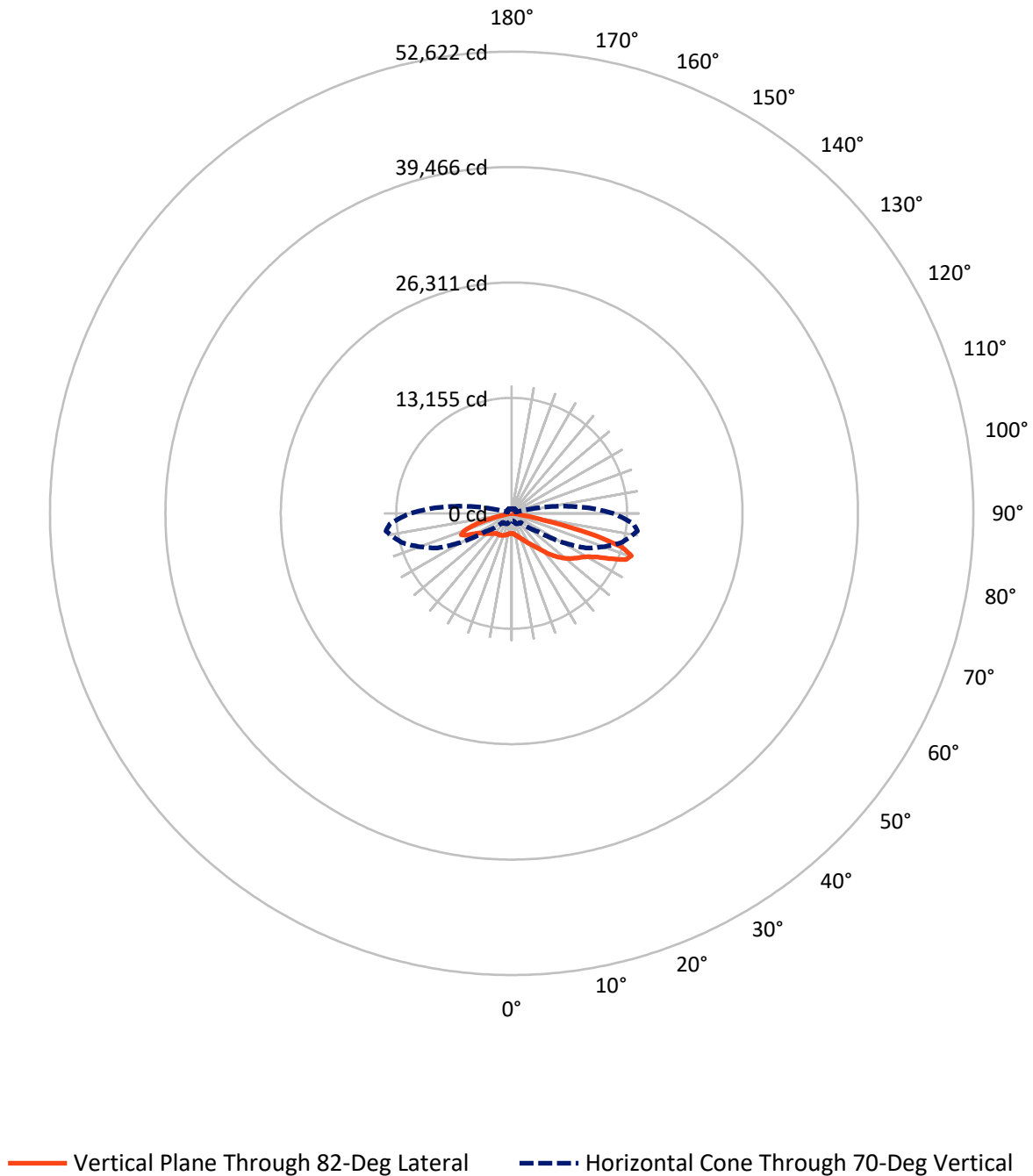
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Based on 25 foot mounting height. Maximum calculated value = 4.1 fc  
Type II - Medium - N/A

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## Luminous Intensity Polar Plot



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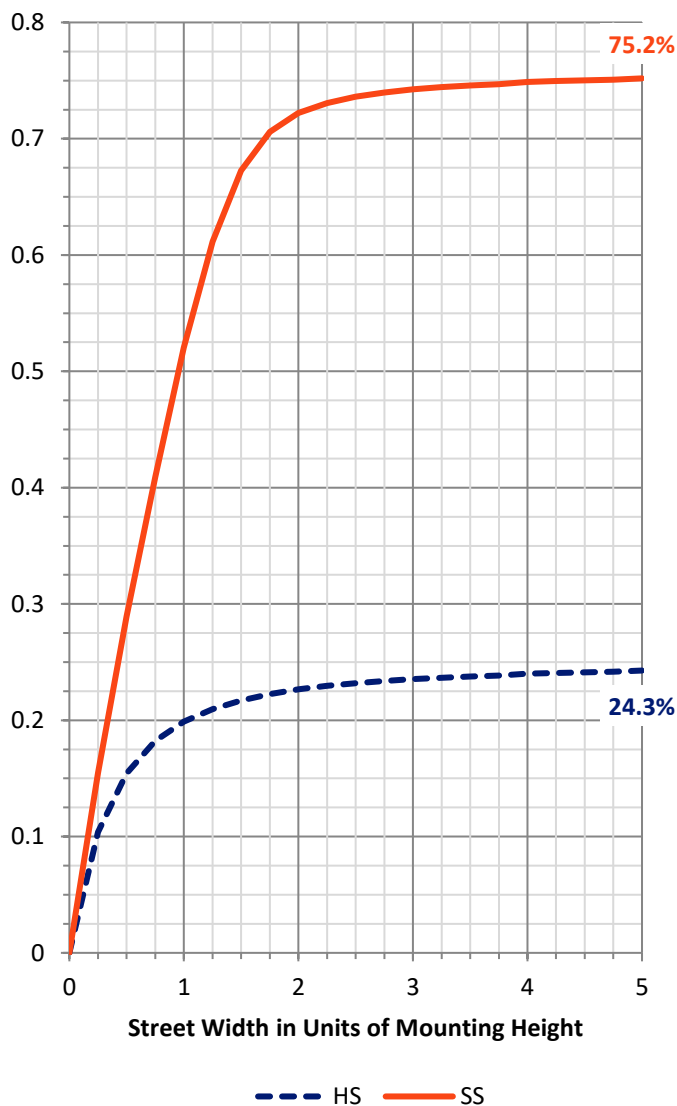
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3818.2   | 0.0    | 3818.2  |
|                    | % Fixture | 24.7     | 0.0    | 24.7    |
| <b>Street Side</b> | Lumens    | 11669.8  | 0.0    | 11669.8 |
|                    | % Fixture | 75.3     | 0.0    | 75.3    |
| <b>Total</b>       | Lumens    | 15488.0  | 0.0    | 15488.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 214.4   | 1.4       |
| 10°-20°   | 616.0   | 4.0       |
| 20°-30°   | 1030.5  | 6.7       |
| 30°-40°   | 1609.9  | 10.4      |
| 40°-50°   | 2563.9  | 16.6      |
| 50°-60°   | 3568.0  | 23.0      |
| 60°-70°   | 3732.2  | 24.1      |
| 70°-80°   | 1950.7  | 12.6      |
| 80°-90°   | 202.6   | 1.3       |
| 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°    | 15488.0 | 100.0     |
| 0°-180°   | 15488.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P940555

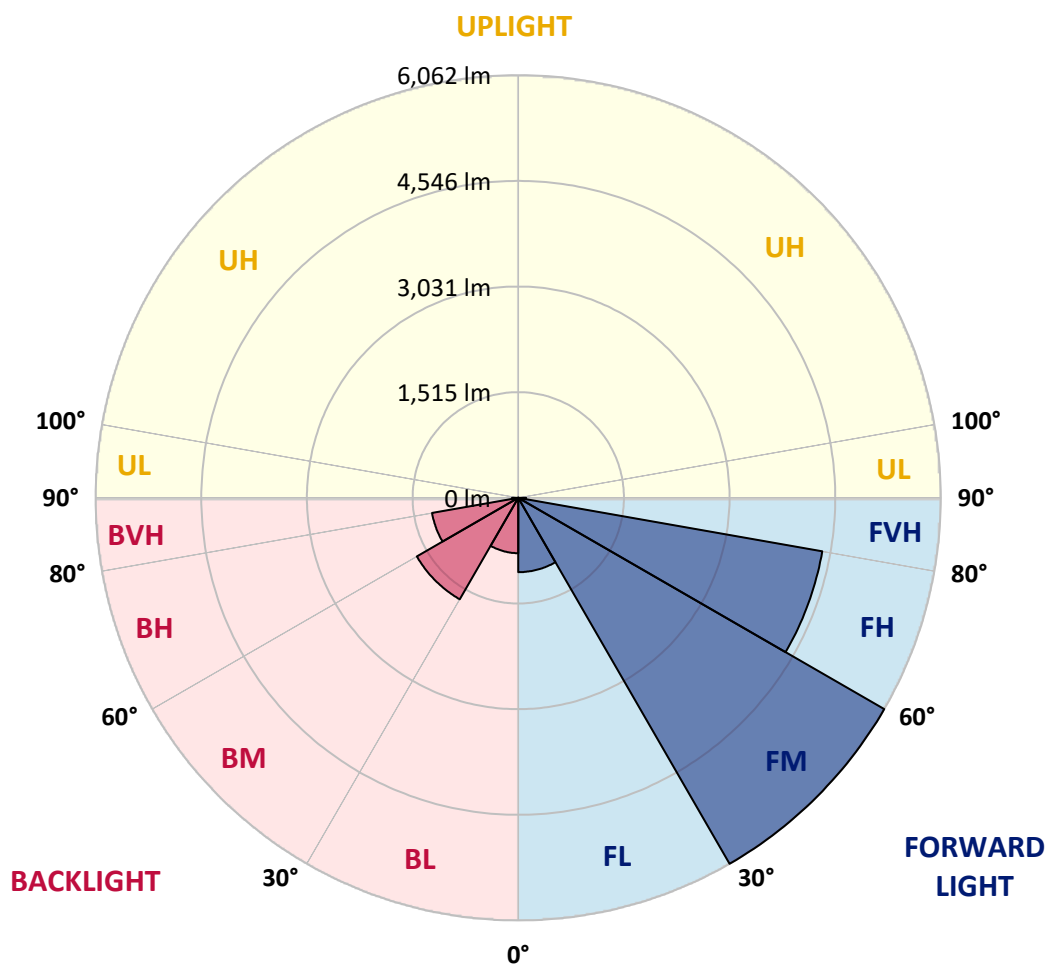
CATALOG NUMBER: GLAN-SB3C-935-U-T2

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1066.5 | 6.9       |                         |      |         |
| FM   | (30°-60°)   | 6061.8 | 39.1      |                         |      |         |
| FH   | (60°-80°)   | 4428.1 | 28.6      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 113.4  | 0.7       |                         |      | G2/225  |
| BL   | (0°-30°)    | 794.3  | 5.1       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1679.8 | 10.8      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 1254.8 | 8.1       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 89.2   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G3**

Type II Medium



REPORT NUMBER: P940555

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°     | 75°     | 82°     |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 2270.7 | 2270.7 | 2270.7 | 2270.7 | 2270.7 | 2270.7 | 2270.7 | 2270.7  | 2270.7  | 2270.7  |
| 2.5°  | 2325.0 | 2338.1 | 2334.0 | 2329.9 | 2329.9 | 2324.2 | 2323.3 | 2315.1  | 2308.5  | 2297.9  |
| 5°    | 2354.6 | 2368.5 | 2366.9 | 2370.2 | 2380.9 | 2383.3 | 2385.8 | 2380.9  | 2367.7  | 2354.6  |
| 7.5°  | 2328.3 | 2343.9 | 2348.8 | 2368.5 | 2401.4 | 2431.0 | 2453.2 | 2462.2  | 2449.9  | 2431.0  |
| 10°   | 2239.5 | 2256.8 | 2274.0 | 2320.9 | 2379.2 | 2449.1 | 2508.2 | 2543.6  | 2541.1  | 2523.0  |
| 12.5° | 2059.5 | 2077.6 | 2114.6 | 2205.8 | 2312.6 | 2435.9 | 2546.0 | 2620.0  | 2645.5  | 2632.3  |
| 15°   | 1915.7 | 1931.3 | 1959.3 | 2052.9 | 2191.8 | 2379.2 | 2560.0 | 2703.8  | 2768.8  | 2761.4  |
| 17.5° | 1911.6 | 1918.2 | 1935.4 | 1979.8 | 2086.6 | 2290.5 | 2545.2 | 2786.0  | 2910.1  | 2909.3  |
| 20°   | 1983.9 | 1986.4 | 1996.2 | 2005.3 | 2066.1 | 2223.1 | 2507.4 | 2854.2  | 3068.7  | 3068.7  |
| 22.5° | 2084.2 | 2082.5 | 2092.4 | 2084.2 | 2113.8 | 2217.3 | 2483.6 | 2914.2  | 3245.4  | 3258.6  |
| 25°   | 2234.6 | 2226.4 | 2223.9 | 2205.0 | 2210.7 | 2270.7 | 2509.9 | 2982.4  | 3455.0  | 3482.1  |
| 27.5° | 2435.1 | 2422.0 | 2412.9 | 2369.4 | 2354.6 | 2380.9 | 2590.4 | 3064.6  | 3688.4  | 3735.2  |
| 30°   | 2696.4 | 2672.6 | 2659.5 | 2583.9 | 2530.4 | 2534.5 | 2712.1 | 3173.9  | 3932.5  | 4008.1  |
| 32.5° | 3053.1 | 3016.1 | 2980.8 | 2856.7 | 2758.9 | 2726.9 | 2869.0 | 3325.2  | 4197.1  | 4317.9  |
| 35°   | 3452.5 | 3422.9 | 3385.1 | 3193.7 | 3043.3 | 2969.3 | 3081.1 | 3536.4  | 4507.0  | 4698.4  |
| 37.5° | 3837.2 | 3811.7 | 3829.8 | 3571.7 | 3377.7 | 3270.1 | 3358.8 | 3819.9  | 4889.1  | 5171.8  |
| 40°   | 4234.9 | 4215.2 | 4217.7 | 3971.1 | 3745.1 | 3624.3 | 3695.8 | 4175.8  | 5327.1  | 5734.8  |
| 42.5° | 4667.2 | 4652.4 | 4603.1 | 4384.5 | 4130.6 | 4018.0 | 4083.7 | 4586.7  | 5797.2  | 6375.8  |
| 45°   | 5151.3 | 5142.2 | 5096.2 | 4845.5 | 4554.6 | 4428.1 | 4516.8 | 5040.3  | 6269.8  | 6979.0  |
| 47.5° | 5569.6 | 5577.0 | 5571.2 | 5360.0 | 5058.4 | 4872.7 | 4978.7 | 5513.7  | 6709.5  | 7546.1  |
| 50°   | 5770.9 | 5809.6 | 5866.3 | 5800.5 | 5613.1 | 5424.1 | 5444.7 | 5970.6  | 7128.6  | 8077.8  |
| 52.5° | 5665.7 | 5738.9 | 5893.4 | 5998.6 | 6070.9 | 6031.5 | 5976.4 | 6424.3  | 7523.1  | 8557.8  |
| 55°   | 5273.7 | 5376.5 | 5632.9 | 5886.8 | 6255.8 | 6542.6 | 6615.0 | 6927.3  | 7907.7  | 8980.2  |
| 57.5° | 4559.5 | 4726.4 | 4956.5 | 5470.1 | 6091.5 | 6790.0 | 7359.5 | 7625.0  | 8315.3  | 9431.4  |
| 60°   | 3335.0 | 3558.6 | 3844.6 | 4608.9 | 5516.2 | 6657.7 | 7993.2 | 8696.7  | 8894.7  | 10015.7 |
| 62.5° | 2134.3 | 2272.4 | 2535.4 | 3255.3 | 4298.2 | 5979.7 | 8187.1 | 10036.3 | 9876.8  | 10974.0 |
| 65°   | 1461.2 | 1550.0 | 1790.8 | 2195.1 | 2778.6 | 4451.1 | 7667.7 | 11040.6 | 11436.7 | 12492.7 |
| 67.5° | 1061.8 | 1129.2 | 1334.7 | 1688.9 | 1810.5 | 2634.0 | 5950.1 | 10994.5 | 12953.0 | 14057.5 |
| 70°   | 774.2  | 821.8  | 994.4  | 1334.7 | 1393.0 | 1465.3 | 3604.6 | 9345.9  | 12920.1 | 14473.4 |
| 72.5° | 573.6  | 606.5  | 722.4  | 1035.5 | 1127.6 | 989.5  | 1784.2 | 6792.5  | 11102.2 | 13091.0 |
| 75°   | 415.0  | 439.7  | 525.2  | 792.3  | 902.4  | 753.6  | 890.0  | 3969.5  | 7744.2  | 9208.7  |
| 77.5° | 317.2  | 336.1  | 392.0  | 580.2  | 722.4  | 565.4  | 552.3  | 1826.1  | 3672.0  | 3690.0  |
| 80°   | 254.8  | 267.1  | 297.5  | 408.5  | 553.9  | 423.2  | 360.0  | 737.2   | 1160.4  | 982.1   |
| 82.5° | 187.4  | 207.9  | 251.5  | 286.8  | 396.1  | 291.8  | 219.4  | 372.3   | 441.3   | 379.7   |
| 85°   | 106.8  | 120.8  | 152.0  | 205.5  | 253.1  | 178.3  | 125.7  | 165.2   | 205.5   | 168.5   |
| 87.5° | 37.8   | 49.3   | 53.4   | 80.5   | 110.1  | 74.0   | 48.5   | 47.7    | 67.4    | 50.1    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |

REPORT NUMBER: P940555

CATALOG NUMBER: GLAN-SB3C-935-U-T2

**CANDELA DISTRIBUTION (continued):**

| 85°     |       | 90°     | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2270.7  | 0°    | 2270.7  | 2270.7 | 2270.7 | 2270.7 | 2270.7 | 2270.7 | 2270.7 | 2270.7 | 2270.7 | 2270.7 |
| 2295.4  | 2.5°  | 2287.2  | 2283.1 | 2266.6 | 2244.4 | 2221.4 | 2199.2 | 2191.8 | 2176.2 | 2165.5 | 2159.8 |
| 2348.8  | 5°    | 2333.2  | 2320.0 | 2281.4 | 2232.1 | 2180.3 | 2124.4 | 2085.0 | 2048.8 | 2022.5 | 1997.9 |
| 2422.0  | 7.5°  | 2398.9  | 2375.9 | 2309.4 | 2223.1 | 2131.0 | 2038.2 | 1969.1 | 1916.5 | 1881.2 | 1858.2 |
| 2507.4  | 10°   | 2475.4  | 2440.0 | 2338.1 | 2209.1 | 2066.9 | 1933.8 | 1852.4 | 1807.2 | 1785.0 | 1772.7 |
| 2605.2  | 12.5° | 2563.3  | 2513.2 | 2367.7 | 2177.0 | 1969.1 | 1817.1 | 1761.2 | 1748.0 | 1748.9 | 1749.7 |
| 2728.5  | 15°   | 2671.8  | 2601.9 | 2391.5 | 2107.2 | 1841.7 | 1727.5 | 1717.6 | 1739.0 | 1761.2 | 1771.9 |
| 2868.2  | 17.5° | 2794.2  | 2695.6 | 2395.7 | 1992.1 | 1716.8 | 1670.0 | 1701.2 | 1747.2 | 1780.9 | 1795.7 |
| 3024.4  | 20°   | 2925.7  | 2791.0 | 2366.1 | 1829.4 | 1614.1 | 1623.1 | 1679.0 | 1738.2 | 1775.2 | 1794.1 |
| 3202.7  | 22.5° | 3076.1  | 2892.9 | 2295.4 | 1658.5 | 1530.3 | 1572.2 | 1637.9 | 1695.4 | 1734.1 | 1753.0 |
| 3412.3  | 25°   | 3247.9  | 3007.1 | 2184.4 | 1514.6 | 1457.9 | 1514.6 | 1580.4 | 1628.1 | 1659.3 | 1676.5 |
| 3646.5  | 27.5° | 3438.6  | 3126.3 | 2036.5 | 1400.4 | 1394.7 | 1455.5 | 1509.7 | 1546.7 | 1563.1 | 1576.3 |
| 3895.5  | 30°   | 3630.1  | 3234.7 | 1857.4 | 1314.1 | 1339.6 | 1397.1 | 1435.7 | 1452.2 | 1457.1 | 1459.6 |
| 4173.3  | 32.5° | 3837.2  | 3328.4 | 1669.2 | 1242.6 | 1287.0 | 1340.4 | 1363.4 | 1370.8 | 1347.8 | 1332.2 |
| 4510.2  | 35°   | 4087.8  | 3428.7 | 1485.1 | 1185.9 | 1235.2 | 1281.2 | 1288.6 | 1282.1 | 1254.9 | 1222.9 |
| 4932.7  | 37.5° | 4397.6  | 3553.6 | 1337.9 | 1145.6 | 1186.7 | 1217.1 | 1208.1 | 1206.5 | 1208.9 | 1171.1 |
| 5440.6  | 40°   | 4777.3  | 3716.3 | 1230.3 | 1114.4 | 1147.3 | 1153.9 | 1128.4 | 1142.4 | 1154.7 | 1097.2 |
| 5997.8  | 42.5° | 5198.9  | 3912.8 | 1162.1 | 1093.0 | 1114.4 | 1098.8 | 1059.3 | 1075.0 | 1073.3 | 997.7  |
| 6557.4  | 45°   | 5628.8  | 4126.4 | 1138.2 | 1077.4 | 1084.0 | 1052.8 | 1009.2 | 1013.3 | 978.8  | 910.6  |
| 7094.1  | 47.5° | 6056.1  | 4355.7 | 1153.0 | 1064.3 | 1046.2 | 1010.9 | 977.2  | 959.1  | 908.1  | 857.2  |
| 7608.6  | 50°   | 6475.3  | 4596.5 | 1207.3 | 1038.0 | 994.4  | 973.9  | 949.2  | 917.2  | 862.9  | 819.4  |
| 8095.1  | 52.5° | 6864.0  | 4839.0 | 1268.1 | 994.4  | 929.5  | 941.8  | 926.2  | 889.2  | 835.8  | 791.4  |
| 8555.3  | 55°   | 7232.2  | 5081.4 | 1291.9 | 934.4  | 868.7  | 913.9  | 904.8  | 836.6  | 772.5  | 736.4  |
| 9036.9  | 57.5° | 7633.2  | 5373.2 | 1265.6 | 858.0  | 819.4  | 881.8  | 847.3  | 771.7  | 734.7  | 707.6  |
| 9664.0  | 60°   | 8188.8  | 5830.9 | 1208.9 | 763.5  | 772.5  | 834.2  | 775.0  | 743.8  | 703.5  | 673.1  |
| 10604.2 | 62.5° | 9111.7  | 6684.8 | 1117.7 | 669.8  | 717.5  | 763.5  | 740.5  | 709.2  | 668.2  | 638.6  |
| 12211.7 | 65°   | 10476.0 | 7871.6 | 945.9  | 596.7  | 655.8  | 694.5  | 703.5  | 672.3  | 629.5  | 598.3  |
| 13620.3 | 67.5° | 11626.5 | 8616.1 | 715.8  | 535.8  | 592.5  | 638.6  | 664.0  | 633.6  | 588.4  | 558.0  |
| 13949.9 | 70°   | 11563.2 | 8075.4 | 546.5  | 475.8  | 536.7  | 583.5  | 616.4  | 592.5  | 544.1  | 515.3  |
| 12671.1 | 72.5° | 10270.5 | 6755.5 | 442.1  | 415.0  | 480.0  | 526.0  | 565.4  | 547.3  | 498.0  | 470.1  |
| 9282.6  | 75°   | 7545.3  | 4795.4 | 353.4  | 353.4  | 409.3  | 466.0  | 509.5  | 498.0  | 452.8  | 433.1  |
| 3897.1  | 77.5° | 3180.5  | 2011.9 | 277.0  | 293.4  | 340.2  | 400.2  | 454.5  | 458.6  | 419.1  | 443.8  |
| 1030.6  | 80°   | 845.7   | 554.7  | 211.2  | 230.9  | 267.1  | 330.4  | 395.3  | 393.7  | 350.9  | 327.9  |
| 383.0   | 82.5° | 322.2   | 218.6  | 150.4  | 162.7  | 193.1  | 253.1  | 313.1  | 323.0  | 280.2  | 242.4  |
| 150.4   | 85°   | 124.1   | 93.7   | 92.9   | 97.8   | 112.6  | 167.7  | 236.7  | 244.9  | 211.2  | 179.2  |
| 41.9    | 87.5° | 32.1    | 27.9   | 34.5   | 32.9   | 51.8   | 89.6   | 135.6  | 140.5  | 129.0  | 74.8   |
| 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°   |
|--------|
| 2270.7 |
| 2166.4 |
| 2007.7 |
| 1863.1 |
| 1776.0 |
| 1751.3 |
| 1771.1 |
| 1799.0 |
| 1799.0 |
| 1757.9 |
| 1681.5 |
| 1581.2 |
| 1465.3 |
| 1337.1 |
| 1224.5 |
| 1173.6 |
| 1098.8 |
| 996.9  |
| 913.1  |
| 857.2  |
| 816.1  |
| 792.3  |
| 733.1  |
| 705.1  |
| 671.4  |
| 638.6  |
| 599.9  |
| 558.8  |
| 517.8  |
| 470.1  |
| 427.4  |
| 402.7  |
| 304.9  |
| 242.4  |
| 184.9  |
| 106.8  |
| 0.0    |