

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: P940544

Luminaire Tested: **GLAN-SB3C-930-U-T2-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P940544  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3C-930-U-T2-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 11414 lumens  
Efficiency: N/A  
Efficacy: 76.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B2 - U0 - G2

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

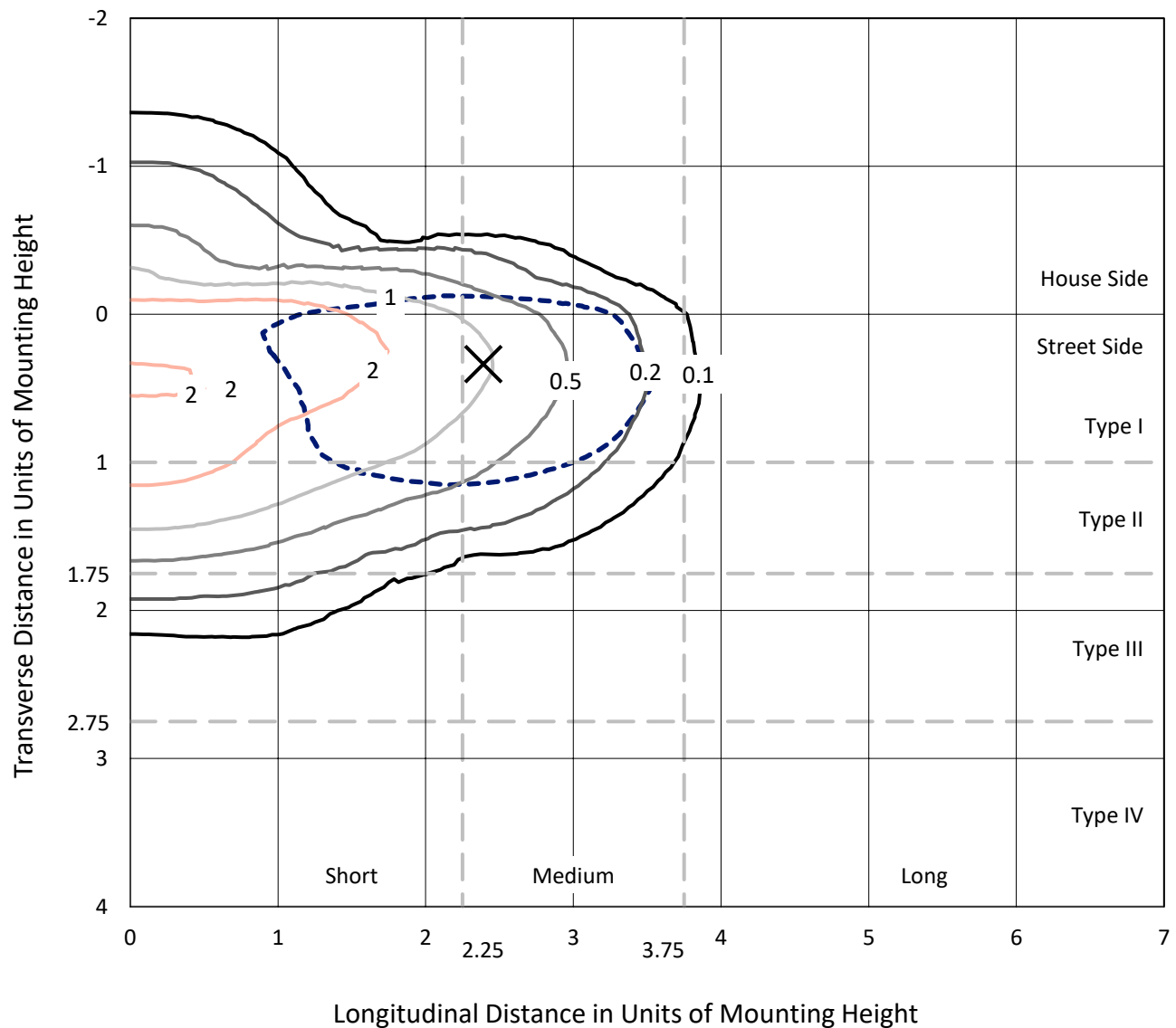


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CATALOG NUMBER: GLAN-SB3C-930-U-T2-HSS

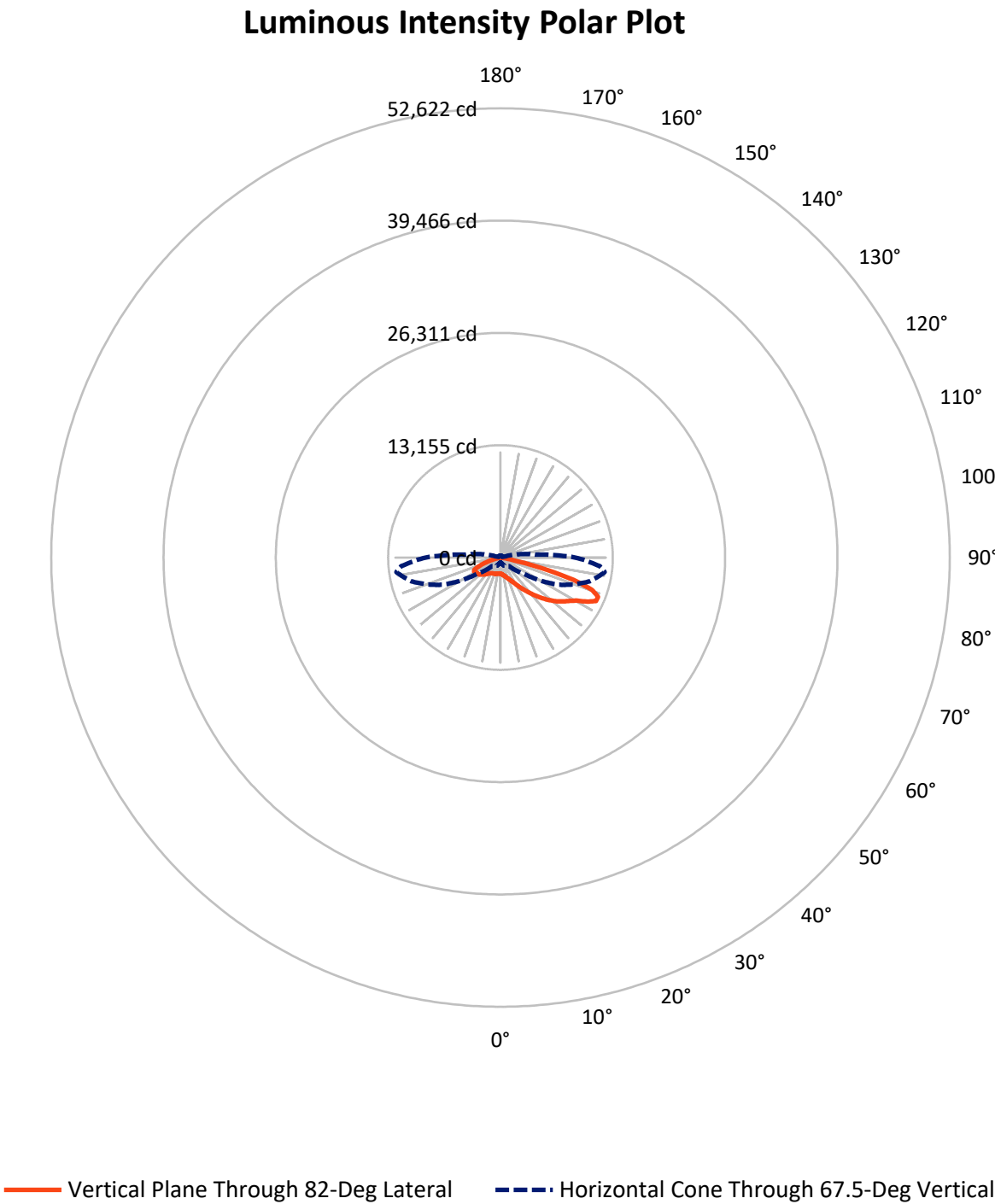
## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4 fc  
Type II - Medium - N/A

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2067.5   | 0.0    | 2067.5  |
|                    | % Fixture | 18.1     | 0.0    | 18.1    |
| <b>Street Side</b> | Lumens    | 9346.5   | 0.0    | 9346.5  |
|                    | % Fixture | 81.9     | 0.0    | 81.9    |
| <b>Total</b>       | Lumens    | 11414.0  | 0.0    | 11414.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 168.5   | 1.5       |
| 10°-20°   | 437.8   | 3.8       |
| 20°-30°   | 701.2   | 6.1       |
| 30°-40°   | 1239.9  | 10.9      |
| 40°-50°   | 2172.4  | 19.0      |
| 50°-60°   | 2897.4  | 25.4      |
| 60°-70°   | 2697.3  | 23.6      |
| 70°-80°   | 1035.2  | 9.1       |
| 80°-90°   | 64.3    | 0.6       |
| 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°    | 11414.0 | 100.0     |
| 0°-180°   | 11414.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P940544

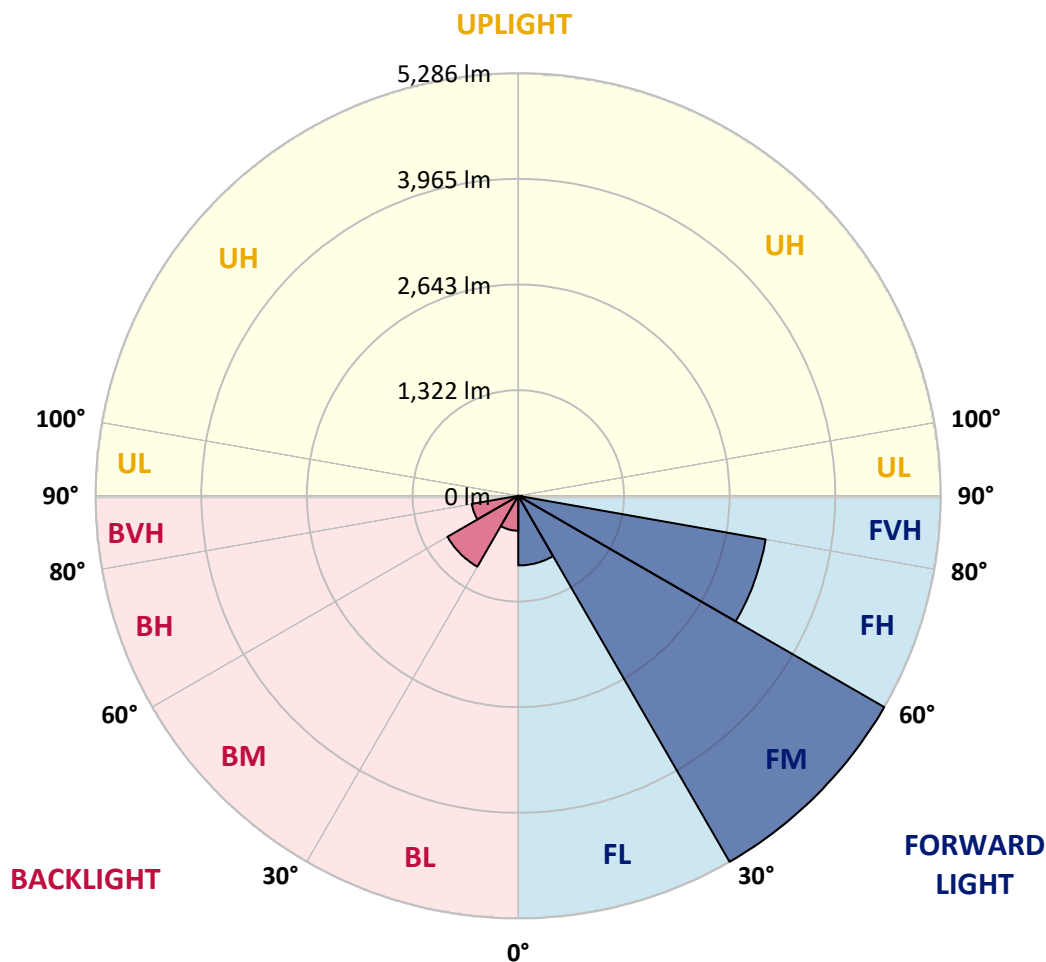
CATALOG NUMBER: GLAN-SB3C-930-U-T2-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 870.8  | 7.6       |                         |      |         |
| FM   | (30°-60°)   | 5286.5 | 46.3      |                         |      |         |
| FH   | (60°-80°)   | 3142.4 | 27.5      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 46.8   | 0.4       |                         |      | G1/100  |
| BL   | (0°-30°)    | 436.7  | 3.8       | B1/500                  |      |         |
| BM   | (30°-60°)   | 1023.2 | 9.0       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 590.1  | 5.2       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 17.6   | 0.2       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G2**

Type II Medium



REPORT NUMBER: P940544

CATALOG NUMBER: GLAN-SB3C-930-U-T2-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°     | 82°     |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9  | 1890.9  |
| 2.5°  | 1998.6 | 2010.1 | 2003.5 | 2000.2 | 1994.5 | 1986.2 | 1979.7 | 1959.1 | 1937.8  | 1923.8  |
| 5°    | 2038.8 | 2050.3 | 2049.5 | 2052.8 | 2056.9 | 2059.4 | 2057.7 | 2034.7 | 2004.3  | 1980.5  |
| 7.5°  | 2004.3 | 2017.5 | 2028.2 | 2044.6 | 2073.3 | 2103.8 | 2118.5 | 2113.6 | 2082.4  | 2049.5  |
| 10°   | 1906.5 | 1920.5 | 1946.0 | 1984.6 | 2045.4 | 2111.2 | 2166.2 | 2191.7 | 2172.0  | 2135.8  |
| 12.5° | 1727.4 | 1741.3 | 1791.5 | 1875.3 | 1977.2 | 2091.4 | 2196.6 | 2264.8 | 2269.8  | 2233.6  |
| 15°   | 1526.0 | 1540.0 | 1593.4 | 1698.6 | 1853.9 | 2037.2 | 2213.1 | 2342.1 | 2385.6  | 2354.4  |
| 17.5° | 1401.1 | 1413.5 | 1453.7 | 1538.4 | 1700.3 | 1928.7 | 2207.3 | 2424.2 | 2523.7  | 2499.0  |
| 20°   | 1363.3 | 1374.0 | 1392.9 | 1452.1 | 1586.9 | 1816.1 | 2169.5 | 2501.5 | 2672.4  | 2658.5  |
| 22.5° | 1403.6 | 1413.5 | 1419.2 | 1445.5 | 1530.2 | 1742.2 | 2121.8 | 2580.4 | 2845.0  | 2846.6  |
| 25°   | 1496.5 | 1506.3 | 1499.7 | 1516.2 | 1553.2 | 1719.2 | 2103.8 | 2673.2 | 3061.9  | 3080.0  |
| 27.5° | 1649.3 | 1650.1 | 1634.5 | 1633.7 | 1639.4 | 1753.7 | 2122.7 | 2772.7 | 3335.6  | 3369.3  |
| 30°   | 1955.8 | 1943.5 | 1883.5 | 1818.6 | 1789.0 | 1857.2 | 2175.2 | 2890.2 | 3658.6  | 3718.6  |
| 32.5° | 2428.4 | 2410.3 | 2300.2 | 2144.8 | 1988.7 | 2024.0 | 2269.8 | 3024.1 | 4010.3  | 4118.8  |
| 35°   | 2941.1 | 2936.2 | 2821.2 | 2590.2 | 2317.4 | 2261.5 | 2423.4 | 3200.0 | 4394.1  | 4566.6  |
| 37.5° | 3417.8 | 3415.3 | 3349.6 | 3077.6 | 2745.6 | 2592.7 | 2670.0 | 3430.1 | 4804.9  | 5054.8  |
| 40°   | 3853.3 | 3860.7 | 3795.0 | 3551.7 | 3217.3 | 3017.6 | 3005.2 | 3714.4 | 5261.9  | 5586.5  |
| 42.5° | 4229.7 | 4237.9 | 4171.4 | 3991.4 | 3683.2 | 3487.6 | 3417.0 | 4062.9 | 5708.1  | 6157.6  |
| 45°   | 4485.3 | 4536.2 | 4526.4 | 4382.5 | 4161.5 | 3958.5 | 3911.7 | 4500.1 | 6216.8  | 6763.2  |
| 47.5° | 4557.6 | 4604.4 | 4678.4 | 4698.1 | 4563.3 | 4363.6 | 4419.5 | 5026.8 | 6731.2  | 7369.7  |
| 50°   | 4379.3 | 4422.8 | 4576.5 | 4781.1 | 4874.8 | 4813.2 | 4913.4 | 5591.4 | 7258.0  | 7974.5  |
| 52.5° | 4027.5 | 4071.9 | 4265.9 | 4589.6 | 4971.8 | 5165.7 | 5408.9 | 6147.7 | 7768.3  | 8547.3  |
| 55°   | 3518.9 | 3565.7 | 3814.7 | 4181.2 | 4786.9 | 5311.2 | 5822.3 | 6703.3 | 8235.9  | 9062.6  |
| 57.5° | 2826.9 | 2861.4 | 3120.3 | 3633.1 | 4321.7 | 5166.5 | 6127.2 | 7309.7 | 8676.3  | 9568.8  |
| 60°   | 1842.4 | 1872.8 | 2173.6 | 2745.6 | 3550.9 | 4683.3 | 6188.0 | 7986.0 | 9261.4  | 10227.0 |
| 62.5° | 1225.3 | 1245.8 | 1424.1 | 1844.1 | 2500.7 | 3755.5 | 5832.2 | 8526.0 | 10119.4 | 11372.6 |
| 65°   | 840.7  | 861.2  | 1039.6 | 1332.1 | 1615.6 | 2484.2 | 4809.1 | 8454.5 | 10896.8 | 12282.3 |
| 67.5° | 599.9  | 617.2  | 768.4  | 1044.5 | 1169.4 | 1443.0 | 3260.0 | 7540.6 | 10785.0 | 12316.8 |
| 70°   | 429.8  | 439.7  | 564.6  | 813.6  | 929.4  | 867.0  | 1812.8 | 5767.2 | 9443.1  | 11373.4 |
| 72.5° | 300.8  | 304.1  | 392.0  | 619.6  | 748.6  | 632.8  | 862.9  | 3845.1 | 7142.1  | 8927.0  |
| 75°   | 203.8  | 207.9  | 263.8  | 454.4  | 600.7  | 483.2  | 456.9  | 2061.8 | 4192.7  | 4941.4  |
| 77.5° | 124.9  | 126.6  | 170.1  | 310.6  | 449.5  | 368.2  | 294.2  | 873.6  | 1622.2  | 1592.6  |
| 80°   | 70.7   | 70.7   | 108.5  | 193.1  | 306.5  | 237.5  | 206.3  | 371.4  | 513.6   | 451.2   |
| 82.5° | 39.4   | 40.3   | 78.9   | 120.0  | 203.0  | 140.5  | 113.4  | 171.8  | 221.9   | 196.4   |
| 85°   | 16.4   | 18.1   | 48.5   | 56.7   | 97.0   | 69.9   | 46.0   | 72.3   | 82.2    | 73.1    |
| 87.5° | 1.6    | 2.5    | 14.8   | 10.7   | 11.5   | 14.0   | 6.6    | 14.0   | 11.5    | 11.5    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

REPORT NUMBER: P940544

CATALOG NUMBER: GLAN-SB3C-930-U-T2-HSS

**CANDELA DISTRIBUTION (continued):**

| 85°     |       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   |
|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1890.9  | 0°    | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 | 1890.9 |
| 1918.9  | 2.5°  | 1903.2 | 1890.9 | 1859.7 | 1823.5 | 1775.9 | 1752.9 | 1721.6 | 1700.3 | 1682.2 | 1683.8 |
| 1966.5  | 5°    | 1940.2 | 1909.0 | 1839.1 | 1752.0 | 1643.6 | 1566.3 | 1484.1 | 1427.4 | 1381.4 | 1371.5 |
| 2032.3  | 7.5°  | 1991.2 | 1941.9 | 1819.4 | 1662.5 | 1479.2 | 1340.3 | 1216.2 | 1136.5 | 1079.8 | 1061.7 |
| 2112.0  | 10°   | 2056.9 | 1985.4 | 1793.9 | 1549.9 | 1286.1 | 1109.4 | 976.3  | 913.8  | 875.2  | 862.0  |
| 2205.7  | 12.5° | 2133.3 | 2035.5 | 1760.3 | 1412.6 | 1087.2 | 917.1  | 832.5  | 801.2  | 788.9  | 784.8  |
| 2320.7  | 15°   | 2229.5 | 2098.0 | 1709.3 | 1249.9 | 918.7  | 799.6  | 763.4  | 759.3  | 761.0  | 759.3  |
| 2458.8  | 17.5° | 2343.7 | 2166.2 | 1626.3 | 1082.3 | 805.3  | 739.6  | 726.5  | 729.7  | 733.8  | 733.0  |
| 2613.3  | 20°   | 2468.6 | 2233.6 | 1520.3 | 933.5  | 728.1  | 696.9  | 689.5  | 692.8  | 696.0  | 694.4  |
| 2791.6  | 22.5° | 2610.8 | 2305.9 | 1402.8 | 817.7  | 676.3  | 657.4  | 649.2  | 650.0  | 650.0  | 646.7  |
| 3017.6  | 25°   | 2780.9 | 2385.6 | 1279.5 | 735.5  | 636.9  | 622.1  | 612.2  | 608.9  | 604.0  | 594.1  |
| 3292.0  | 27.5° | 2983.9 | 2470.3 | 1161.2 | 678.0  | 605.7  | 591.7  | 580.2  | 572.0  | 559.6  | 543.2  |
| 3621.6  | 30°   | 3212.3 | 2573.0 | 1060.9 | 641.8  | 581.0  | 567.0  | 553.9  | 541.6  | 523.5  | 502.9  |
| 4000.4  | 32.5° | 3481.1 | 2683.1 | 987.8  | 618.0  | 558.8  | 544.0  | 528.4  | 513.6  | 493.9  | 473.3  |
| 4426.1  | 35°   | 3801.5 | 2816.2 | 945.0  | 601.5  | 541.6  | 521.8  | 504.6  | 488.1  | 473.3  | 455.3  |
| 4888.8  | 37.5° | 4149.2 | 2957.6 | 931.9  | 593.3  | 530.0  | 499.6  | 479.9  | 468.4  | 466.8  | 456.1  |
| 5389.2  | 40°   | 4529.6 | 3125.2 | 941.8  | 588.4  | 517.7  | 478.3  | 456.9  | 454.4  | 458.6  | 439.7  |
| 5924.2  | 42.5° | 4932.3 | 3324.1 | 958.2  | 582.6  | 500.5  | 456.9  | 436.4  | 436.4  | 433.1  | 406.8  |
| 6489.6  | 45°   | 5367.9 | 3553.4 | 974.6  | 568.7  | 479.9  | 435.5  | 419.9  | 414.2  | 400.2  | 374.7  |
| 7058.3  | 47.5° | 5806.7 | 3786.8 | 987.0  | 543.2  | 455.3  | 417.5  | 403.5  | 390.3  | 369.8  | 346.8  |
| 7616.2  | 50°   | 6223.3 | 3996.3 | 973.8  | 505.4  | 427.3  | 400.2  | 385.4  | 367.3  | 345.1  | 329.5  |
| 8144.7  | 52.5° | 6595.6 | 4177.9 | 917.9  | 461.0  | 397.7  | 382.1  | 369.0  | 350.1  | 332.0  | 315.6  |
| 8621.3  | 55°   | 6919.4 | 4325.0 | 819.3  | 419.1  | 371.4  | 366.5  | 353.4  | 329.5  | 304.9  | 290.9  |
| 9093.8  | 57.5° | 7230.0 | 4436.8 | 696.0  | 384.6  | 347.6  | 349.3  | 329.5  | 308.2  | 285.2  | 270.4  |
| 9730.7  | 60°   | 7643.4 | 4586.3 | 571.1  | 352.5  | 322.1  | 327.1  | 305.7  | 290.1  | 261.3  | 242.4  |
| 10822.8 | 62.5° | 8304.1 | 4818.9 | 453.6  | 313.1  | 292.6  | 294.2  | 285.2  | 266.3  | 231.7  | 209.6  |
| 11632.3 | 65°   | 8828.4 | 4733.4 | 357.5  | 270.4  | 258.9  | 261.3  | 261.3  | 240.8  | 203.8  | 178.3  |
| 11675.8 | 67.5° | 8769.2 | 4053.0 | 285.2  | 228.5  | 226.8  | 228.5  | 234.2  | 216.9  | 180.8  | 160.2  |
| 10786.7 | 70°   | 8078.1 | 3223.8 | 228.5  | 189.8  | 197.2  | 193.1  | 209.6  | 198.0  | 162.7  | 142.2  |
| 8362.4  | 72.5° | 6591.5 | 2322.3 | 174.2  | 157.0  | 151.2  | 157.8  | 189.0  | 178.3  | 135.6  | 112.6  |
| 4429.4  | 75°   | 3851.7 | 1239.2 | 129.8  | 124.1  | 109.3  | 131.5  | 167.6  | 152.0  | 103.5  | 83.0   |
| 1357.6  | 77.5° | 1254.0 | 432.3  | 95.3   | 91.2   | 81.4   | 106.0  | 143.0  | 128.2  | 84.6   | 65.7   |
| 397.7   | 80°   | 336.1  | 130.7  | 64.9   | 60.0   | 52.6   | 78.9   | 113.4  | 101.9  | 60.8   | 42.7   |
| 170.9   | 82.5° | 134.8  | 55.1   | 37.8   | 33.7   | 28.8   | 54.2   | 89.6   | 82.2   | 45.2   | 27.1   |
| 53.4    | 85°   | 43.6   | 18.1   | 14.0   | 10.7   | 13.1   | 33.7   | 53.4   | 55.9   | 32.0   | 14.0   |
| 8.2     | 87.5° | 5.8    | 2.5    | 2.5    | 3.3    | 2.5    | 5.8    | 16.4   | 15.6   | 9.0    | 1.6    |
| 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°   |
|--------|
| 1890.9 |
| 1667.4 |
| 1349.4 |
| 1043.7 |
| 852.2  |
| 782.3  |
| 758.5  |
| 731.4  |
| 693.6  |
| 645.1  |
| 592.5  |
| 541.6  |
| 501.3  |
| 474.2  |
| 453.6  |
| 455.3  |
| 440.5  |
| 406.8  |
| 373.9  |
| 346.0  |
| 327.1  |
| 313.9  |
| 289.3  |
| 268.7  |
| 240.0  |
| 207.9  |
| 175.9  |
| 157.0  |
| 139.7  |
| 110.1  |
| 80.5   |
| 63.3   |
| 41.9   |
| 27.1   |
| 10.7   |
| 0.0    |
| 0.0    |