

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: P940726

Luminaire Tested: **GLAN-SB3D-935-U-T3-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P940726  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3D-935-U-T3-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 16658 lumens  
Efficiency: N/A  
Efficacy: 76.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G3

Input Watts (W): 218.1  
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

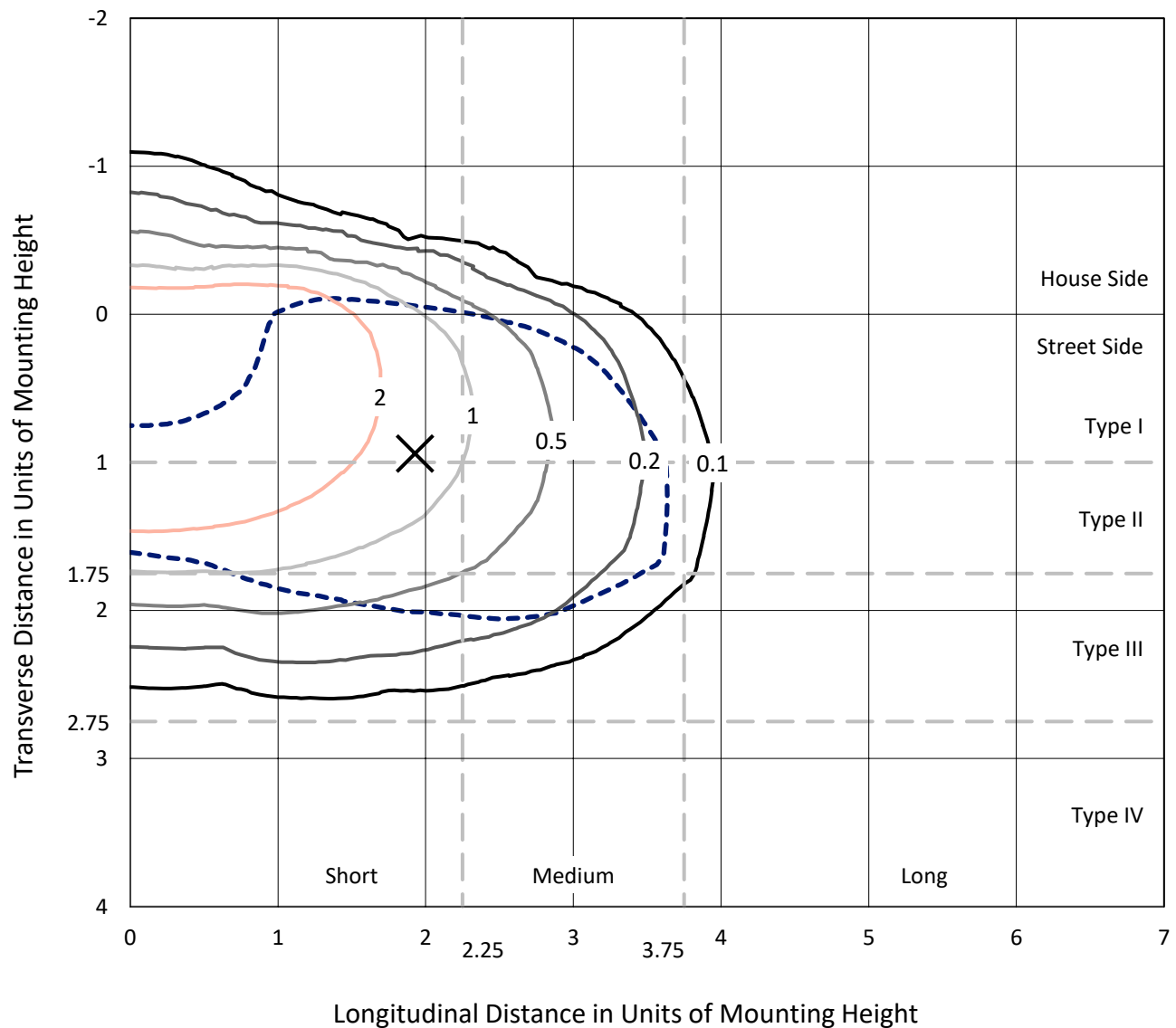


REPORT NUMBER: P940726

CATALOG NUMBER: GLAN-SB3D-935-U-T3-HSS

## Iso-Footcandle Lines of Horizontal Illumination

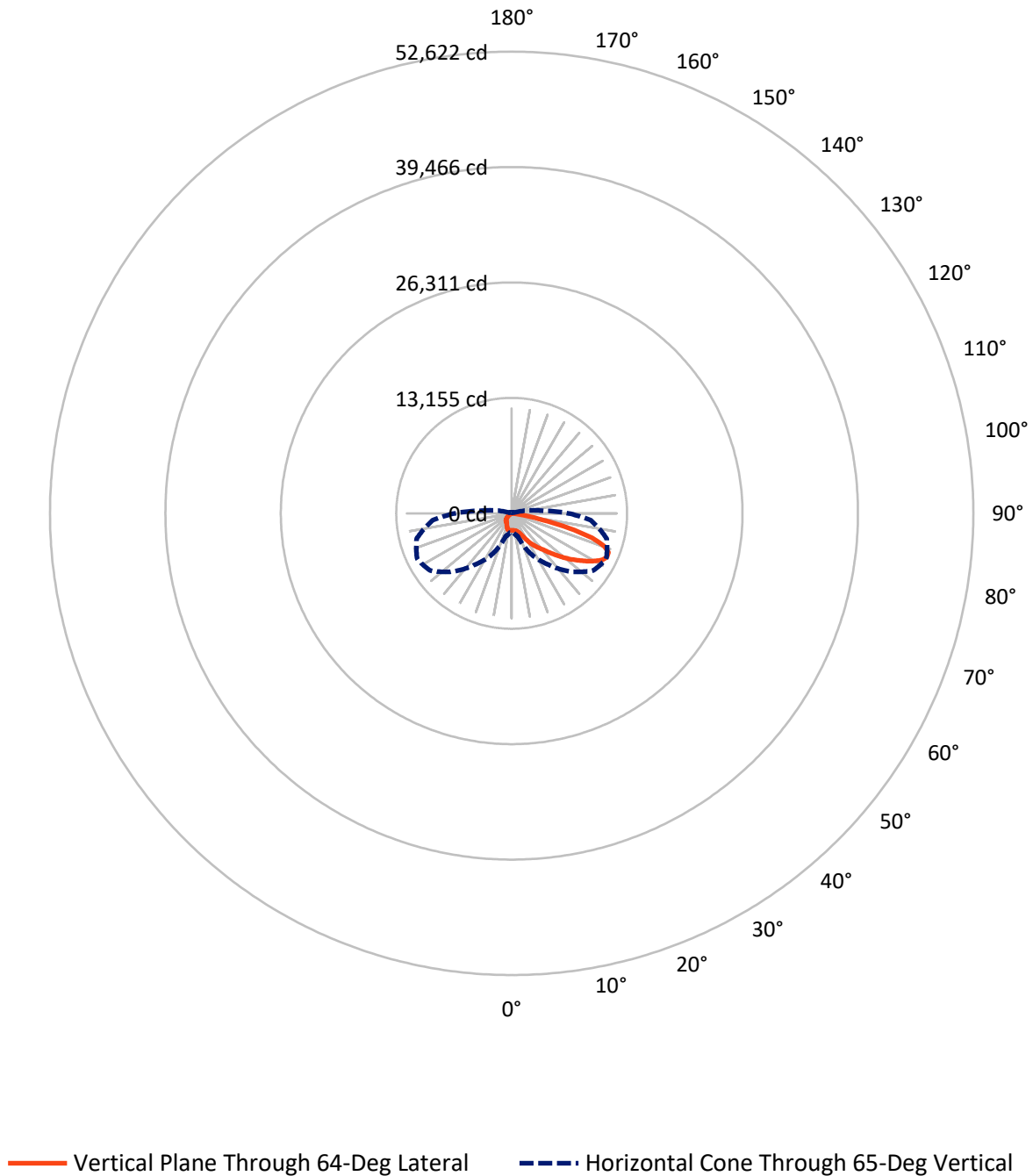
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.9 fc  
Type III - Short - N/A

REPORT NUMBER: P940726  
CATALOG NUMBER: GLAN-SB3D-935-U-T3-HSS

## Luminous Intensity Polar Plot



REPORT NUMBER: P940726

CATALOG NUMBER: GLAN-SB3D-935-U-T3-HSS

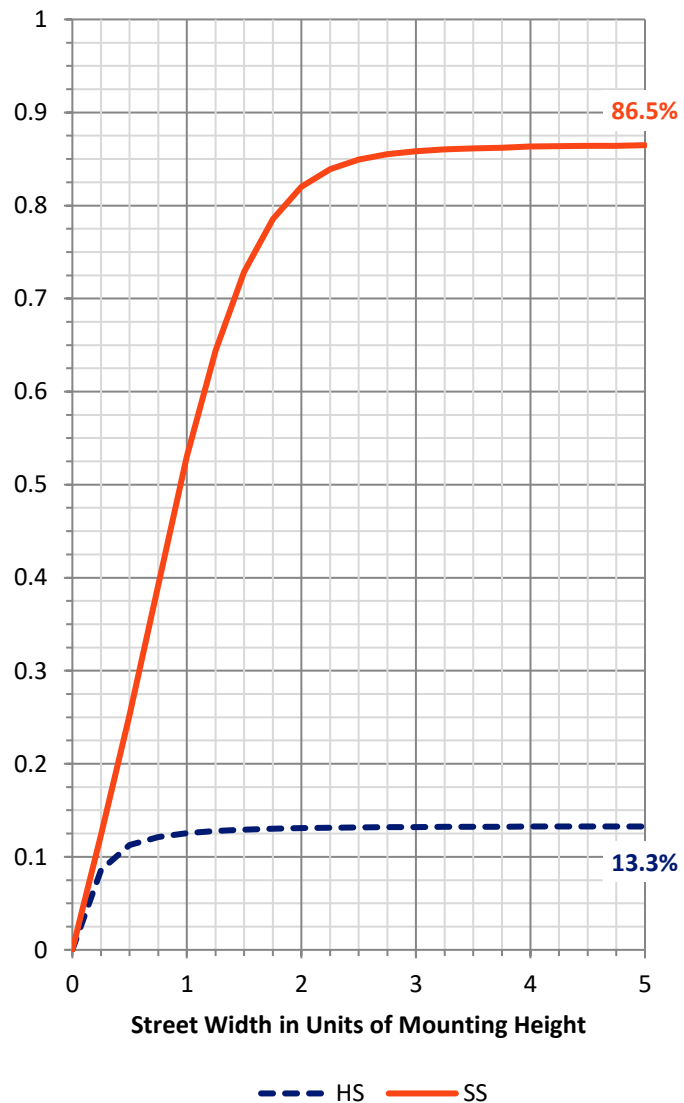
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2227.7   | 0.0    | 2227.7  |
|                    | % Fixture | 13.4     | 0.0    | 13.4    |
| <b>Street Side</b> | Lumens    | 14430.3  | 0.0    | 14430.3 |
|                    | % Fixture | 86.6     | 0.0    | 86.6    |
| <b>Total</b>       | Lumens    | 16658.0  | 0.0    | 16658.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 178.8   | 1.1       |
| 10°-20°   | 484.8   | 2.9       |
| 20°-30°   | 918.7   | 5.5       |
| 30°-40°   | 1859.0  | 11.2      |
| 40°-50°   | 3166.9  | 19.0      |
| 50°-60°   | 4306.7  | 25.9      |
| 60°-70°   | 4044.2  | 24.3      |
| 70°-80°   | 1620.3  | 9.7       |
| 80°-90°   | 78.5    | 0.5       |
| 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°    | 16658.0 | 100.0     |
| 0°-180°   | 16658.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P940726

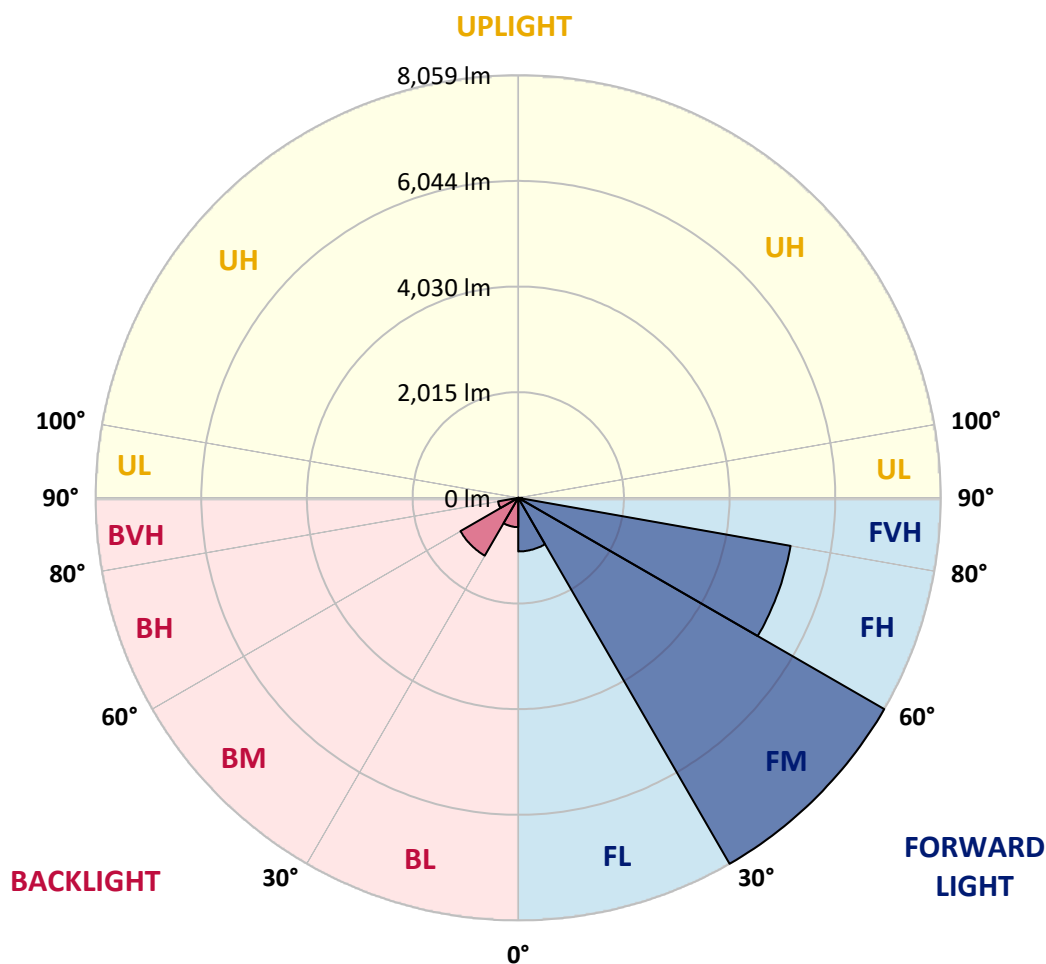
CATALOG NUMBER: GLAN-SB3D-935-U-T3-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1023.0 | 6.1       |                         |      |         |
| FM   | (30°-60°)   | 8059.1 | 48.4      |                         |      |         |
| FH   | (60°-80°)   | 5273.5 | 31.7      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 74.7   | 0.4       |                         |      | G1/100  |
| BL   | (0°-30°)    | 559.3  | 3.4       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1273.6 | 7.6       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 391.0  | 2.3       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 3.8    | 0.0       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type III Short



REPORT NUMBER: P940726

CATALOG NUMBER: GLAN-SB3D-935-U-T3-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°     | 55°     | 64°     | 65°     | 75°     |
|-------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| 0°    | 1937.5 | 1937.5 | 1937.5 | 1937.5 | 1937.5 | 1937.5  | 1937.5  | 1937.5  | 1937.5  | 1937.5  |
| 2.5°  | 1930.8 | 1944.2 | 1940.8 | 1937.5 | 1936.4 | 1938.6  | 1939.7  | 1938.6  | 1938.6  | 1938.6  |
| 5°    | 1893.9 | 1905.1 | 1905.1 | 1912.9 | 1924.1 | 1937.5  | 1947.5  | 1949.8  | 1952.0  | 1955.4  |
| 7.5°  | 1823.6 | 1832.5 | 1839.2 | 1864.9 | 1892.8 | 1928.6  | 1958.7  | 1974.3  | 1976.6  | 1988.9  |
| 10°   | 1775.6 | 1786.7 | 1797.9 | 1824.7 | 1864.9 | 1918.5  | 1969.9  | 2007.9  | 2013.4  | 2042.5  |
| 12.5° | 1773.3 | 1784.5 | 1799.0 | 1828.1 | 1875.0 | 1931.9  | 1994.5  | 2049.2  | 2059.2  | 2101.7  |
| 15°   | 1796.8 | 1810.2 | 1823.6 | 1859.3 | 1909.6 | 1978.8  | 2045.8  | 2113.9  | 2124.0  | 2184.3  |
| 17.5° | 1844.8 | 1862.7 | 1872.7 | 1908.5 | 1962.1 | 2039.1  | 2127.3  | 2205.5  | 2214.4  | 2284.8  |
| 20°   | 1939.7 | 1960.9 | 1964.3 | 1993.3 | 2045.8 | 2128.5  | 2233.4  | 2330.6  | 2341.7  | 2422.2  |
| 22.5° | 2136.3 | 2166.4 | 2139.6 | 2154.1 | 2201.0 | 2283.7  | 2397.6  | 2520.4  | 2536.1  | 2627.6  |
| 25°   | 2482.5 | 2524.9 | 2455.7 | 2431.1 | 2451.2 | 2537.2  | 2680.1  | 2835.3  | 2853.2  | 2926.9  |
| 27.5° | 3162.5 | 3107.8 | 3002.8 | 2900.1 | 2839.8 | 2888.9  | 3049.7  | 3241.8  | 3264.2  | 3335.6  |
| 30°   | 3909.6 | 3861.6 | 3719.8 | 3492.0 | 3349.0 | 3341.2  | 3489.7  | 3704.1  | 3729.8  | 3797.9  |
| 32.5° | 4657.8 | 4612.0 | 4457.9 | 4177.6 | 3929.7 | 3806.9  | 3909.6  | 4147.5  | 4160.9  | 4204.4  |
| 35°   | 5393.7 | 5346.8 | 5192.7 | 4905.7 | 4600.9 | 4321.7  | 4301.6  | 4569.6  | 4574.1  | 4619.8  |
| 37.5° | 6134.1 | 6095.0 | 5930.9 | 5649.5 | 5349.1 | 4963.8  | 4777.3  | 4969.4  | 4975.0  | 5019.6  |
| 40°   | 6662.3 | 6679.1 | 6566.3 | 6348.5 | 6090.6 | 5669.6  | 5311.1  | 5394.8  | 5361.3  | 5436.2  |
| 42.5° | 7115.7 | 7149.2 | 7050.9 | 6941.5 | 6791.9 | 6421.1  | 5972.2  | 5957.7  | 5904.1  | 5944.3  |
| 45°   | 7507.7 | 7535.6 | 7447.4 | 7421.7 | 7418.3 | 7158.1  | 6694.7  | 6607.6  | 6532.8  | 6525.0  |
| 47.5° | 7651.7 | 7705.3 | 7743.3 | 7829.3 | 7996.8 | 7887.3  | 7441.8  | 7306.7  | 7222.9  | 7161.5  |
| 50°   | 7706.4 | 7763.4 | 7892.9 | 8143.1 | 8539.5 | 8586.4  | 8185.5  | 8033.6  | 7930.9  | 7819.2  |
| 52.5° | 7632.7 | 7734.4 | 7908.6 | 8329.6 | 8904.7 | 9147.0  | 8899.1  | 8766.2  | 8648.9  | 8466.9  |
| 55°   | 7198.3 | 7300.0 | 7656.2 | 8327.3 | 9086.7 | 9540.1  | 9573.6  | 9514.4  | 9382.6  | 9095.6  |
| 57.5° | 6282.6 | 6433.4 | 6997.3 | 8043.7 | 9083.3 | 9878.4  | 10234.7 | 10277.1 | 10129.7 | 9718.8  |
| 60°   | 5014.0 | 5218.4 | 5906.3 | 7415.0 | 8803.1 | 10061.6 | 10814.3 | 11026.4 | 10870.1 | 10333.0 |
| 62.5° | 3498.7 | 3735.4 | 4386.5 | 6430.0 | 8162.1 | 9929.8  | 11237.5 | 11629.5 | 11511.1 | 10882.4 |
| 65°   | 2134.0 | 2210.0 | 2734.8 | 5059.8 | 7072.1 | 9378.2  | 11368.1 | 11955.5 | 11916.5 | 11218.5 |
| 67.5° | 1421.6 | 1485.2 | 1636.0 | 3469.6 | 5489.8 | 8276.0  | 11055.5 | 11898.6 | 11909.8 | 11163.8 |
| 70°   | 856.5  | 911.2  | 1009.5 | 2017.9 | 3557.9 | 6550.6  | 10087.3 | 11172.7 | 11237.5 | 10432.3 |
| 72.5° | 352.9  | 389.7  | 479.1  | 914.6  | 1842.6 | 4157.5  | 8032.5  | 9592.6  | 9743.3  | 8771.8  |
| 75°   | 199.9  | 218.9  | 281.4  | 459.0  | 799.6  | 1937.5  | 4865.5  | 6809.7  | 7031.9  | 6045.9  |
| 77.5° | 132.9  | 141.8  | 182.0  | 297.0  | 450.0  | 661.1   | 2079.3  | 3547.8  | 3972.2  | 3302.1  |
| 80°   | 89.3   | 97.2   | 125.1  | 198.8  | 292.6  | 283.6   | 662.2   | 1314.4  | 1617.0  | 1134.6  |
| 82.5° | 60.3   | 61.4   | 89.3   | 130.7  | 185.4  | 137.4   | 195.4   | 408.7   | 513.7   | 328.3   |
| 85°   | 34.6   | 33.5   | 65.9   | 75.9   | 82.6   | 57.0    | 59.2    | 122.8   | 160.8   | 138.5   |
| 87.5° | 4.5    | 6.7    | 25.7   | 20.1   | 11.2   | 12.3    | 12.3    | 21.2    | 31.3    | 33.5    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

REPORT NUMBER: P940726

CATALOG NUMBER: GLAN-SB3D-935-U-T3-HSS

**CANDELA DISTRIBUTION (continued):**

| 85°    |       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1937.5 | 0°    | 1937.5 | 1937.5 | 1937.5 | 1937.5 | 1937.5 | 1937.5 | 1937.5 | 1937.5 | 1937.5 | 1937.5 |
| 1939.7 | 2.5°  | 1939.7 | 1938.6 | 1935.3 | 1931.9 | 1924.1 | 1919.6 | 1921.9 | 1919.6 | 1918.5 | 1919.6 |
| 1954.2 | 5°    | 1954.2 | 1950.9 | 1942.0 | 1930.8 | 1915.2 | 1896.2 | 1883.9 | 1866.0 | 1849.3 | 1839.2 |
| 1993.3 | 7.5°  | 1993.3 | 1990.0 | 1977.7 | 1946.4 | 1896.2 | 1816.9 | 1744.3 | 1680.7 | 1632.6 | 1604.7 |
| 2055.9 | 10°   | 2055.9 | 2050.3 | 2031.3 | 1962.1 | 1830.3 | 1657.2 | 1513.1 | 1393.7 | 1315.5 | 1278.6 |
| 2129.6 | 12.5° | 2129.6 | 2122.9 | 2089.4 | 1947.5 | 1705.2 | 1435.0 | 1236.2 | 1103.3 | 1030.7 | 998.3  |
| 2214.4 | 15°   | 2216.7 | 2207.7 | 2141.9 | 1878.3 | 1523.2 | 1189.3 | 1007.3 | 907.9  | 861.0  | 832.0  |
| 2322.8 | 17.5° | 2325.0 | 2309.4 | 2180.9 | 1774.5 | 1325.5 | 1001.7 | 866.6  | 791.8  | 750.4  | 722.5  |
| 2464.6 | 20°   | 2465.7 | 2440.0 | 2212.2 | 1650.5 | 1143.5 | 883.3  | 771.6  | 709.1  | 677.8  | 653.3  |
| 2665.6 | 22.5° | 2662.2 | 2625.4 | 2250.2 | 1516.5 | 1015.1 | 801.8  | 701.3  | 655.5  | 629.8  | 601.9  |
| 2945.9 | 25°   | 2905.7 | 2862.1 | 2297.1 | 1392.5 | 926.9  | 731.4  | 649.9  | 612.0  | 581.8  | 549.4  |
| 3313.3 | 27.5° | 3246.3 | 3168.1 | 2352.9 | 1290.9 | 850.9  | 671.1  | 603.0  | 560.6  | 526.0  | 499.2  |
| 3729.8 | 30°   | 3626.0 | 3497.5 | 2402.1 | 1229.5 | 781.7  | 615.3  | 541.6  | 499.2  | 466.8  | 447.8  |
| 4103.9 | 32.5° | 3985.6 | 3811.3 | 2434.4 | 1202.7 | 719.2  | 551.7  | 474.6  | 428.8  | 404.3  | 398.7  |
| 4470.2 | 35°   | 4325.0 | 4095.0 | 2431.1 | 1177.0 | 663.3  | 488.0  | 408.7  | 361.8  | 342.8  | 346.2  |
| 4864.4 | 37.5° | 4715.9 | 4397.6 | 2407.6 | 1136.8 | 617.5  | 429.9  | 351.8  | 310.4  | 293.7  | 294.8  |
| 5343.5 | 40°   | 5170.4 | 4747.2 | 2393.1 | 1060.9 | 567.3  | 376.3  | 304.9  | 271.4  | 259.1  | 254.6  |
| 5848.2 | 42.5° | 5655.0 | 5085.5 | 2395.4 | 974.9  | 504.8  | 328.3  | 272.5  | 244.6  | 233.4  | 230.0  |
| 6409.9 | 45°   | 6141.9 | 5408.2 | 2398.7 | 885.6  | 438.9  | 291.5  | 249.0  | 225.6  | 218.9  | 214.4  |
| 6979.5 | 47.5° | 6599.8 | 5683.0 | 2336.2 | 789.5  | 374.1  | 263.5  | 230.0  | 214.4  | 208.8  | 203.2  |
| 7551.2 | 50°   | 7026.4 | 5866.1 | 2185.4 | 677.8  | 322.7  | 241.2  | 215.5  | 204.4  | 198.8  | 193.2  |
| 8069.4 | 52.5° | 7358.0 | 5895.1 | 1936.4 | 562.8  | 287.0  | 224.5  | 206.6  | 196.5  | 189.8  | 184.3  |
| 8488.1 | 55°   | 7505.4 | 5713.1 | 1582.4 | 455.6  | 259.1  | 209.9  | 197.7  | 187.6  | 179.8  | 174.2  |
| 8817.6 | 57.5° | 7467.5 | 5330.1 | 1234.0 | 366.3  | 232.3  | 195.4  | 186.5  | 179.8  | 170.9  | 161.9  |
| 9084.5 | 60°   | 7281.0 | 4817.5 | 930.2  | 304.9  | 207.7  | 179.8  | 174.2  | 168.6  | 156.3  | 142.9  |
| 9187.2 | 62.5° | 6958.2 | 4173.2 | 663.3  | 252.4  | 180.9  | 161.9  | 159.7  | 155.2  | 137.4  | 112.8  |
| 9035.3 | 65°   | 6464.7 | 3390.3 | 446.7  | 209.9  | 155.2  | 141.8  | 142.9  | 135.1  | 111.7  | 83.8   |
| 8479.2 | 67.5° | 5743.3 | 2479.1 | 285.9  | 172.0  | 129.5  | 118.4  | 119.5  | 115.0  | 94.9   | 71.5   |
| 7425.0 | 70°   | 4824.2 | 1641.6 | 186.5  | 130.7  | 103.9  | 91.6   | 98.3   | 99.4   | 80.4   | 58.1   |
| 5698.6 | 72.5° | 3536.6 | 969.3  | 130.7  | 97.2   | 75.9   | 63.7   | 80.4   | 82.6   | 64.8   | 43.6   |
| 3428.3 | 75°   | 2015.7 | 460.1  | 98.3   | 70.4   | 46.9   | 44.7   | 62.5   | 62.5   | 44.7   | 29.0   |
| 1484.1 | 77.5° | 846.5  | 192.1  | 69.2   | 45.8   | 26.8   | 25.7   | 42.4   | 39.1   | 22.3   | 13.4   |
| 361.8  | 80°   | 244.6  | 86.0   | 36.9   | 22.3   | 11.2   | 10.1   | 16.8   | 12.3   | 5.6    | 2.2    |
| 137.4  | 82.5° | 96.0   | 38.0   | 14.5   | 8.9    | 4.5    | 4.5    | 2.2    | 0.0    | 0.0    | 0.0    |
| 78.2   | 85°   | 57.0   | 15.6   | 6.7    | 3.4    | 1.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 16.8   | 87.5° | 14.5   | 3.4    | 2.2    | 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    |

(END O



| 180°   |
|--------|
| 1937.5 |
| 1924.1 |
| 1841.5 |
| 1605.8 |
| 1275.3 |
| 995.0  |
| 833.1  |
| 720.3  |
| 648.8  |
| 597.4  |
| 546.1  |
| 493.6  |
| 444.5  |
| 402.0  |
| 346.2  |
| 299.3  |
| 253.5  |
| 228.9  |
| 214.4  |
| 203.2  |
| 193.2  |
| 183.1  |
| 173.1  |
| 160.8  |
| 140.7  |
| 110.6  |
| 81.5   |
| 68.1   |
| 55.8   |
| 41.3   |
| 26.8   |
| 13.4   |
| 2.2    |
| 0.0    |
| 0.0    |
| 0.0    |
| 0.0    |