

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: P938887

Luminaire Tested: **GLAN-SB1B-722-U-T3**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P938887  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1B-722-U-T3  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 2200K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 4656 lumens  
Efficiency: N/A  
Efficacy: 117.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G1

Input Watts (W): 39.8  
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



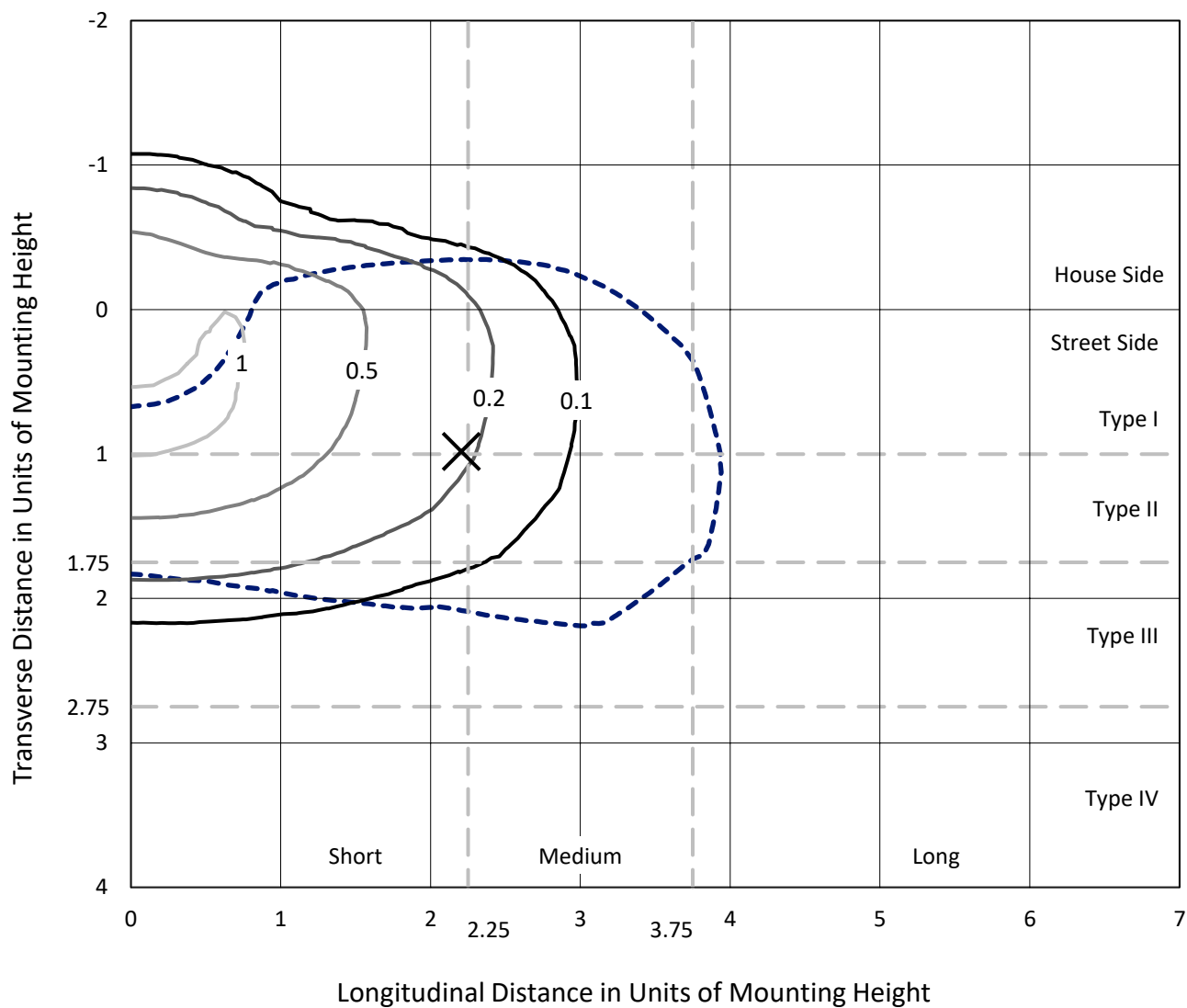
REPORT NUMBER: P938887

CATALOG NUMBER: GLAN-SB1B-722-U-T3

## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

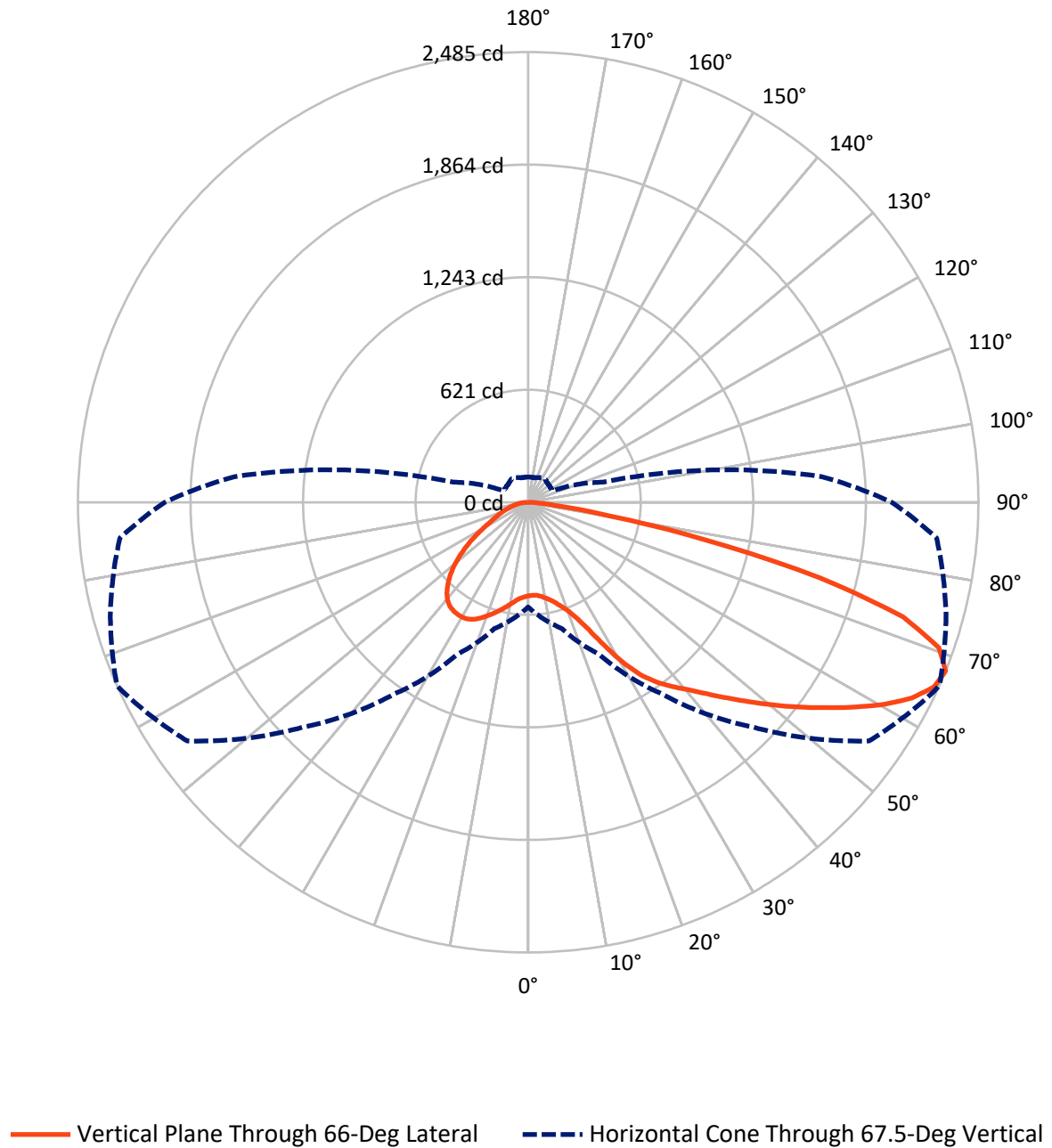


Based on 25 foot mounting height. Maximum calculated value = 1.2 fc  
 Type III - Short - N/A

REPORT NUMBER: P938887

CATALOG NUMBER: GLAN-SB1B-722-U-T3

## Luminous Intensity Polar Plot



REPORT NUMBER: P938887

CATALOG NUMBER: GLAN-SB1B-722-U-T3

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1157.7   | 0.0    | 1157.7 |
|                    | % Fixture | 24.9     | 0.0    | 24.9   |
| <b>Street Side</b> | Lumens    | 3498.3   | 0.0    | 3498.3 |
|                    | % Fixture | 75.1     | 0.0    | 75.1   |
| <b>Total</b>       | Lumens    | 4656.0   | 0.0    | 4656.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 51.2   | 1.1       |
| 10°-20°   | 169.2  | 3.6       |
| 20°-30°   | 326.0  | 7.0       |
| 30°-40°   | 571.7  | 12.3      |
| 40°-50°   | 849.9  | 18.3      |
| 50°-60°   | 1077.3 | 23.1      |
| 60°-70°   | 1054.1 | 22.6      |
| 70°-80°   | 502.8  | 10.8      |
| 80°-90°   | 53.7   | 1.2       |
| 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°    | 4656.0 | 100.0     |
| 0°-180°   | 4656.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P938887

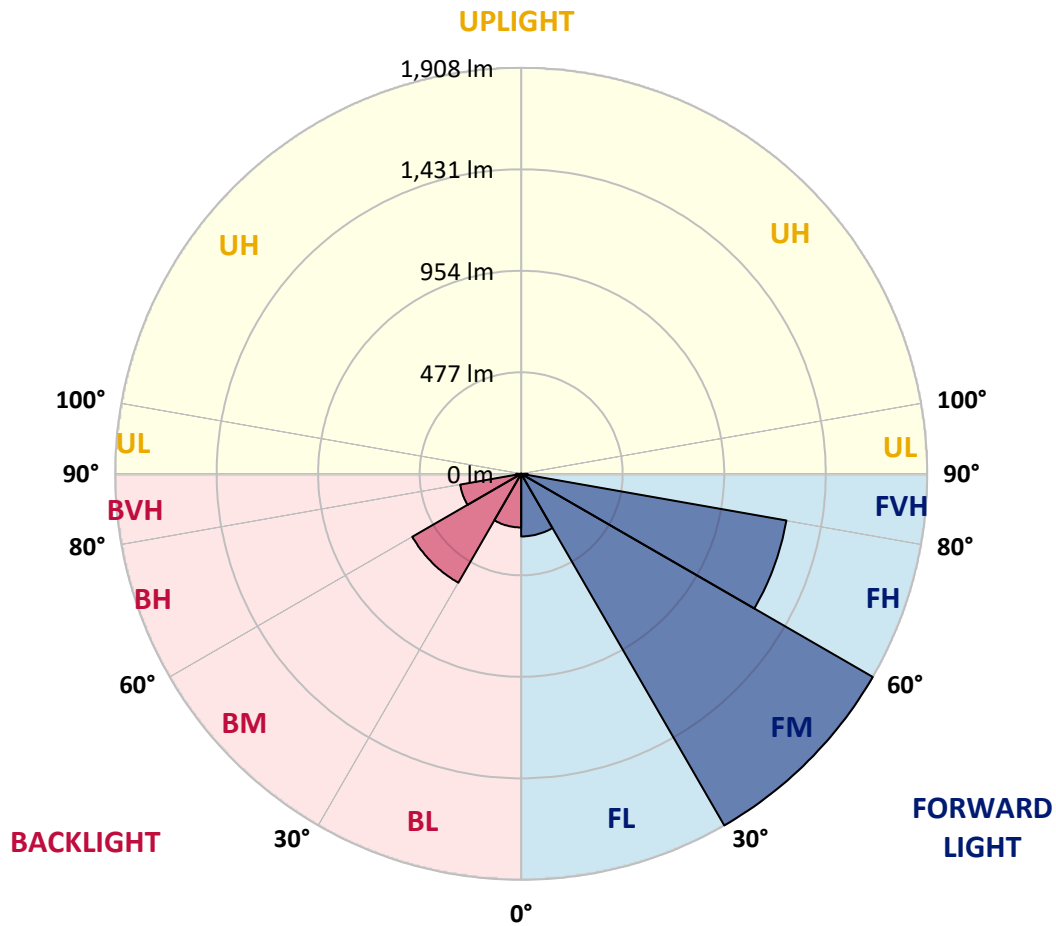
CATALOG NUMBER: GLAN-SB1B-722-U-T3

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 294.2  | 6.3       |                         |      |         |
| FM   | (30°-60°)   | 1908.0 | 41.0      |                         |      |         |
| FH   | (60°-80°)   | 1265.6 | 27.2      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 30.5   | 0.7       |                         |      | G1/100  |
| BL   | (0°-30°)    | 252.2  | 5.4       | B1/500                  |      |         |
| BM   | (30°-60°)   | 590.9  | 12.7      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 291.3  | 6.3       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 23.3   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type III Short



REPORT NUMBER: P938887

CATALOG NUMBER: GLAN-SB1B-722-U-T3

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 66°    | 75°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 516.4  | 516.4  | 516.4  | 516.4  | 516.4  | 516.4  | 516.4  | 516.4  | 516.4  | 516.4  |
| 2.5°  | 511.0  | 514.0  | 513.2  | 512.0  | 511.8  | 512.3  | 513.0  | 513.7  | 513.5  | 514.7  |
| 5°    | 509.6  | 512.5  | 512.3  | 512.3  | 513.2  | 515.2  | 516.4  | 517.6  | 516.4  | 517.9  |
| 7.5°  | 510.5  | 512.7  | 513.7  | 514.7  | 517.1  | 520.8  | 523.8  | 526.4  | 525.0  | 526.7  |
| 10°   | 523.0  | 524.7  | 525.7  | 525.7  | 527.4  | 531.6  | 534.5  | 539.4  | 538.2  | 540.9  |
| 12.5° | 545.8  | 547.5  | 547.5  | 546.5  | 547.7  | 550.4  | 551.4  | 556.8  | 554.6  | 559.0  |
| 15°   | 573.7  | 577.1  | 574.4  | 572.7  | 573.2  | 575.9  | 575.6  | 579.8  | 577.6  | 581.2  |
| 17.5° | 604.5  | 608.9  | 604.5  | 604.2  | 603.3  | 606.2  | 606.4  | 610.1  | 606.2  | 608.9  |
| 20°   | 640.9  | 647.0  | 643.4  | 644.6  | 642.4  | 643.6  | 644.8  | 650.2  | 644.1  | 646.1  |
| 22.5° | 692.3  | 699.6  | 695.7  | 700.4  | 698.9  | 697.9  | 697.7  | 707.2  | 697.7  | 698.4  |
| 25°   | 767.2  | 776.0  | 769.1  | 775.5  | 775.5  | 778.7  | 782.3  | 794.6  | 778.7  | 774.0  |
| 27.5° | 877.7  | 886.5  | 873.1  | 877.0  | 875.8  | 883.6  | 879.7  | 910.0  | 892.9  | 885.3  |
| 30°   | 1010.8 | 1026.5 | 1001.0 | 1000.0 | 998.8  | 1011.3 | 1016.9 | 1037.0 | 1019.6 | 1012.0 |
| 32.5° | 1154.6 | 1171.0 | 1140.7 | 1131.9 | 1127.3 | 1134.8 | 1130.2 | 1146.3 | 1134.3 | 1122.6 |
| 35°   | 1306.8 | 1323.0 | 1294.1 | 1277.0 | 1258.4 | 1242.5 | 1225.8 | 1230.0 | 1218.7 | 1200.9 |
| 37.5° | 1450.7 | 1480.3 | 1449.7 | 1431.3 | 1397.1 | 1366.0 | 1319.5 | 1300.2 | 1289.7 | 1273.3 |
| 40°   | 1597.2 | 1614.1 | 1590.8 | 1575.2 | 1538.0 | 1489.3 | 1414.9 | 1374.1 | 1359.9 | 1344.0 |
| 42.5° | 1705.1 | 1721.2 | 1708.7 | 1698.0 | 1668.9 | 1612.4 | 1516.2 | 1465.1 | 1444.5 | 1426.7 |
| 45°   | 1790.7 | 1802.7 | 1794.8 | 1798.8 | 1786.3 | 1731.5 | 1621.2 | 1562.7 | 1541.4 | 1519.6 |
| 47.5° | 1825.2 | 1837.9 | 1850.4 | 1873.6 | 1894.9 | 1854.5 | 1733.9 | 1668.4 | 1645.9 | 1623.6 |
| 50°   | 1821.3 | 1834.2 | 1870.4 | 1919.8 | 1985.9 | 1972.4 | 1852.8 | 1780.9 | 1760.1 | 1734.7 |
| 52.5° | 1790.0 | 1804.6 | 1851.1 | 1933.3 | 2038.5 | 2060.8 | 1973.9 | 1897.1 | 1877.5 | 1847.2 |
| 55°   | 1707.8 | 1716.6 | 1786.3 | 1902.7 | 2051.0 | 2122.4 | 2092.6 | 2020.9 | 2001.3 | 1959.0 |
| 57.5° | 1555.4 | 1568.1 | 1669.6 | 1820.3 | 2019.7 | 2164.2 | 2196.8 | 2151.0 | 2132.2 | 2071.3 |
| 60°   | 1356.5 | 1376.8 | 1493.0 | 1681.8 | 1939.9 | 2164.0 | 2291.4 | 2279.0 | 2263.3 | 2181.8 |
| 62.5° | 1131.4 | 1154.9 | 1266.7 | 1486.1 | 1800.5 | 2102.6 | 2350.6 | 2386.1 | 2378.0 | 2283.9 |
| 65°   | 868.9  | 885.1  | 996.4  | 1232.9 | 1583.5 | 1970.7 | 2357.5 | 2459.3 | 2460.7 | 2361.4 |
| 67.5° | 578.5  | 625.0  | 721.7  | 925.2  | 1292.9 | 1755.2 | 2297.3 | 2471.2 | 2485.4 | 2388.1 |
| 70°   | 282.3  | 343.5  | 438.1  | 601.3  | 925.2  | 1424.7 | 2140.0 | 2372.9 | 2404.5 | 2310.3 |
| 72.5° | 117.2  | 137.0  | 188.6  | 296.7  | 531.1  | 961.4  | 1824.0 | 2106.3 | 2164.7 | 2047.1 |
| 75°   | 79.0   | 85.6   | 107.9  | 152.2  | 241.9  | 474.1  | 1315.4 | 1570.5 | 1664.7 | 1546.1 |
| 77.5° | 60.9   | 65.1   | 78.5   | 106.4  | 143.8  | 179.3  | 704.0  | 946.5  | 995.2  | 921.3  |
| 80°   | 47.9   | 51.1   | 58.7   | 77.5   | 102.0  | 95.9   | 240.0  | 428.8  | 457.0  | 383.3  |
| 82.5° | 41.6   | 42.8   | 42.1   | 52.6   | 67.8   | 56.0   | 78.8   | 158.3  | 174.7  | 126.7  |
| 85°   | 30.1   | 33.5   | 35.0   | 32.5   | 36.0   | 28.4   | 32.3   | 56.0   | 61.6   | 55.0   |
| 87.5° | 12.2   | 18.1   | 22.3   | 21.0   | 13.2   | 8.1    | 10.0   | 16.4   | 18.8   | 20.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P938887

CATALOG NUMBER: GLAN-SB1B-722-U-T3

**CANDELA DISTRIBUTION (continued):**

| 85°    |       | 90°    | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  |
|--------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 516.4  | 0°    | 516.4  | 516.4  | 516.4  | 516.4 | 516.4 | 516.4 | 516.4 | 516.4 | 516.4 | 516.4 |
| 516.7  | 2.5°  | 516.9  | 518.6  | 519.8  | 521.3 | 522.3 | 523.8 | 526.7 | 528.4 | 528.6 | 529.9 |
| 520.6  | 5°    | 521.5  | 524.0  | 526.7  | 530.6 | 535.0 | 538.7 | 544.3 | 548.2 | 549.7 | 550.9 |
| 530.1  | 7.5°  | 531.6  | 535.0  | 539.9  | 546.7 | 553.1 | 558.0 | 564.8 | 569.5 | 574.1 | 575.9 |
| 545.3  | 10°   | 546.5  | 551.4  | 558.5  | 567.8 | 574.6 | 581.0 | 588.1 | 592.0 | 596.7 | 598.6 |
| 563.4  | 12.5° | 565.1  | 570.2  | 579.5  | 592.5 | 598.9 | 603.3 | 605.7 | 604.7 | 605.7 | 607.4 |
| 585.2  | 15°   | 586.4  | 592.0  | 602.5  | 616.5 | 620.9 | 617.0 | 611.6 | 606.7 | 605.9 | 606.4 |
| 611.6  | 17.5° | 611.6  | 615.7  | 628.0  | 639.7 | 636.5 | 620.4 | 608.6 | 600.8 | 596.9 | 595.7 |
| 645.3  | 20°   | 646.8  | 646.8  | 656.8  | 664.2 | 642.9 | 615.5 | 597.1 | 584.4 | 576.3 | 572.9 |
| 691.3  | 22.5° | 689.6  | 685.7  | 692.1  | 686.9 | 641.7 | 601.8 | 576.3 | 554.3 | 542.1 | 537.2 |
| 755.7  | 25°   | 743.9  | 739.3  | 737.6  | 705.8 | 632.9 | 580.0 | 538.7 | 512.0 | 501.2 | 498.6 |
| 848.4  | 27.5° | 825.9  | 814.1  | 791.9  | 716.0 | 616.7 | 545.8 | 494.6 | 469.9 | 463.8 | 464.1 |
| 967.5  | 30°   | 935.0  | 911.5  | 856.9  | 717.7 | 590.3 | 497.3 | 449.6 | 432.0 | 429.1 | 430.3 |
| 1067.6 | 32.5° | 1036.0 | 1013.7 | 923.5  | 709.9 | 549.7 | 449.9 | 409.3 | 397.5 | 393.1 | 394.6 |
| 1143.9 | 35°   | 1115.3 | 1109.1 | 985.1  | 698.9 | 499.8 | 405.4 | 373.1 | 363.0 | 354.5 | 352.5 |
| 1215.8 | 37.5° | 1190.1 | 1187.7 | 1031.4 | 683.5 | 450.4 | 373.8 | 343.9 | 330.7 | 318.3 | 311.4 |
| 1295.3 | 40°   | 1272.3 | 1269.9 | 1061.7 | 659.8 | 406.6 | 346.4 | 317.8 | 300.4 | 285.0 | 272.5 |
| 1385.3 | 42.5° | 1364.8 | 1350.4 | 1076.1 | 625.8 | 369.4 | 323.2 | 296.5 | 273.0 | 252.7 | 241.2 |
| 1487.1 | 45°   | 1465.8 | 1433.3 | 1075.9 | 582.5 | 338.1 | 301.9 | 273.7 | 240.5 | 221.6 | 210.9 |
| 1591.6 | 47.5° | 1573.0 | 1512.5 | 1062.7 | 534.5 | 307.7 | 278.4 | 238.5 | 213.1 | 200.6 | 194.0 |
| 1705.1 | 50°   | 1683.5 | 1586.7 | 1040.2 | 479.5 | 276.7 | 251.7 | 216.5 | 199.1 | 189.6 | 183.5 |
| 1817.6 | 52.5° | 1787.5 | 1653.9 | 1013.0 | 417.1 | 245.1 | 225.8 | 206.7 | 193.3 | 183.2 | 176.4 |
| 1926.7 | 55°   | 1884.1 | 1711.9 | 974.6  | 353.2 | 219.4 | 208.4 | 202.1 | 190.8 | 179.3 | 171.2 |
| 2037.5 | 57.5° | 1970.0 | 1749.6 | 908.3  | 293.3 | 201.1 | 196.4 | 197.2 | 186.7 | 173.4 | 166.6 |
| 2146.6 | 60°   | 2041.4 | 1777.2 | 810.2  | 237.8 | 186.2 | 184.7 | 189.6 | 178.8 | 163.4 | 155.6 |
| 2238.8 | 62.5° | 2084.2 | 1776.7 | 689.9  | 194.7 | 173.4 | 173.9 | 179.6 | 169.0 | 153.4 | 146.0 |
| 2287.0 | 65°   | 2080.6 | 1733.2 | 557.8  | 166.6 | 161.2 | 161.7 | 169.0 | 158.3 | 145.1 | 140.7 |
| 2262.8 | 67.5° | 2006.9 | 1627.0 | 427.9  | 148.2 | 147.8 | 150.0 | 158.5 | 150.9 | 139.9 | 139.4 |
| 2118.5 | 70°   | 1807.6 | 1406.6 | 308.2  | 133.6 | 133.8 | 137.0 | 148.2 | 146.3 | 137.2 | 138.2 |
| 1781.1 | 72.5° | 1449.4 | 1072.5 | 207.0  | 118.2 | 118.4 | 123.5 | 138.5 | 142.6 | 134.5 | 147.5 |
| 1263.8 | 75°   | 965.3  | 668.8  | 133.1  | 101.8 | 102.0 | 108.6 | 129.9 | 135.5 | 127.2 | 147.0 |
| 657.6  | 77.5° | 463.8  | 300.6  | 96.4   | 85.6  | 85.6  | 91.7  | 112.3 | 121.3 | 108.4 | 114.2 |
| 211.4  | 80°   | 160.2  | 113.0  | 75.8   | 69.0  | 67.5  | 71.7  | 94.7  | 105.2 | 93.4  | 86.1  |
| 69.0   | 82.5° | 63.1   | 58.7   | 60.9   | 53.6  | 48.7  | 51.4  | 73.6  | 86.8  | 68.7  | 62.1  |
| 38.9   | 85°   | 36.2   | 38.2   | 43.1   | 35.5  | 28.1  | 31.6  | 54.1  | 62.4  | 51.9  | 45.7  |
| 12.7   | 87.5° | 9.8    | 13.5   | 19.8   | 18.3  | 12.7  | 13.5  | 25.7  | 34.5  | 29.8  | 23.0  |
| 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°  |
|-------|
| 516.4 |
| 529.6 |
| 550.7 |
| 576.1 |
| 599.6 |
| 607.9 |
| 608.1 |
| 597.4 |
| 572.2 |
| 536.5 |
| 499.0 |
| 464.8 |
| 434.5 |
| 396.5 |
| 354.0 |
| 311.7 |
| 273.7 |
| 241.9 |
| 210.4 |
| 192.5 |
| 181.3 |
| 173.4 |
| 168.1 |
| 162.2 |
| 152.2 |
| 143.8 |
| 140.4 |
| 140.2 |
| 138.0 |
| 149.5 |
| 148.2 |
| 104.7 |
| 80.7  |
| 61.9  |
| 46.7  |
| 23.7  |
| 0.0   |

F REPORT)