

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: McGRAW-EDISON

Report Number: P957022

Luminaire Tested: **GALN-SB9C-730-U-SLR**

Issue Date: 1/21/2025

### Test Information

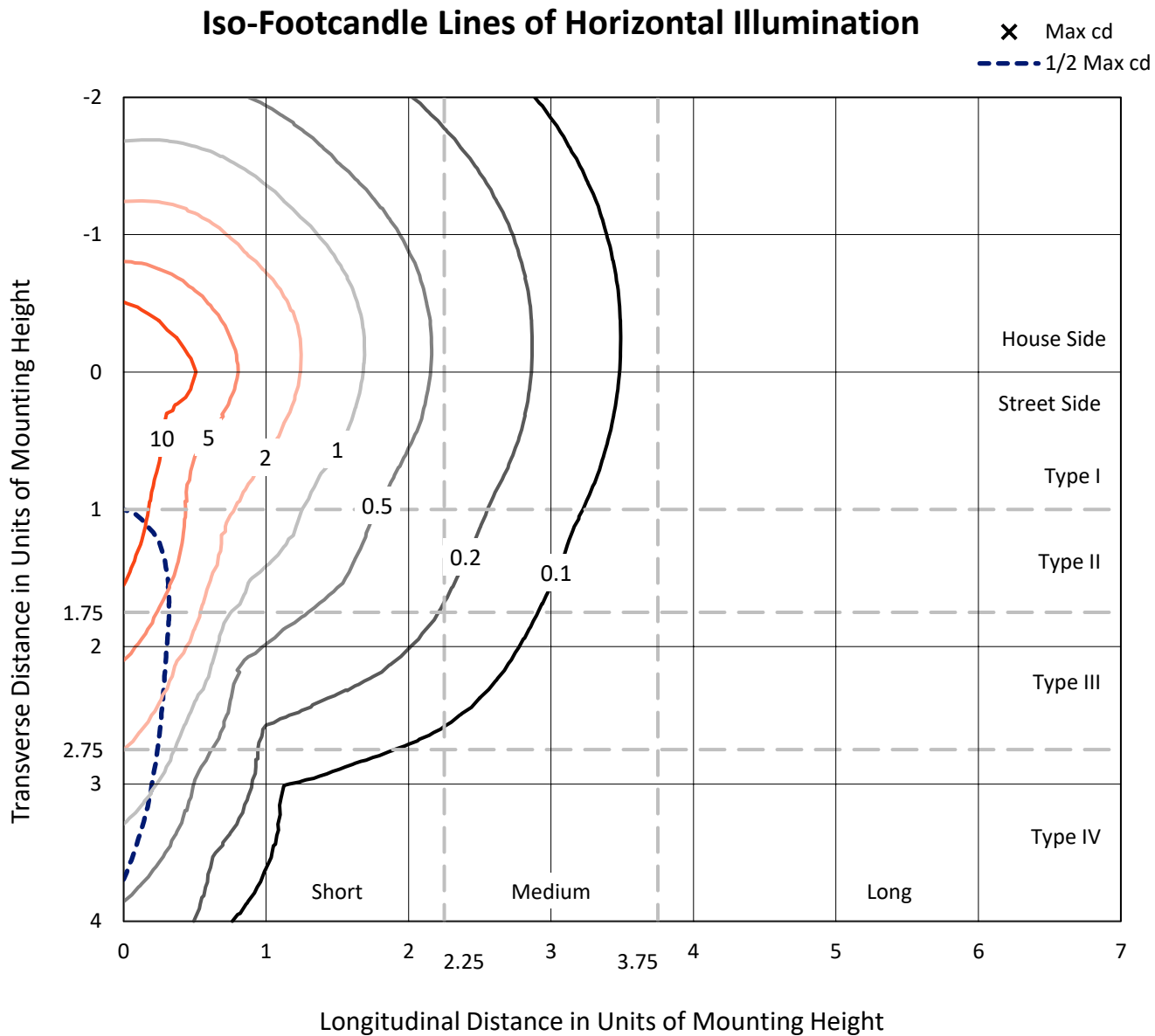
Test Method: LM-79-08  
Report Number: P957022  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GALN-SB9C-730-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 67969 lumens  
Efficiency: N/A  
Efficacy: 151.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 449.8  
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



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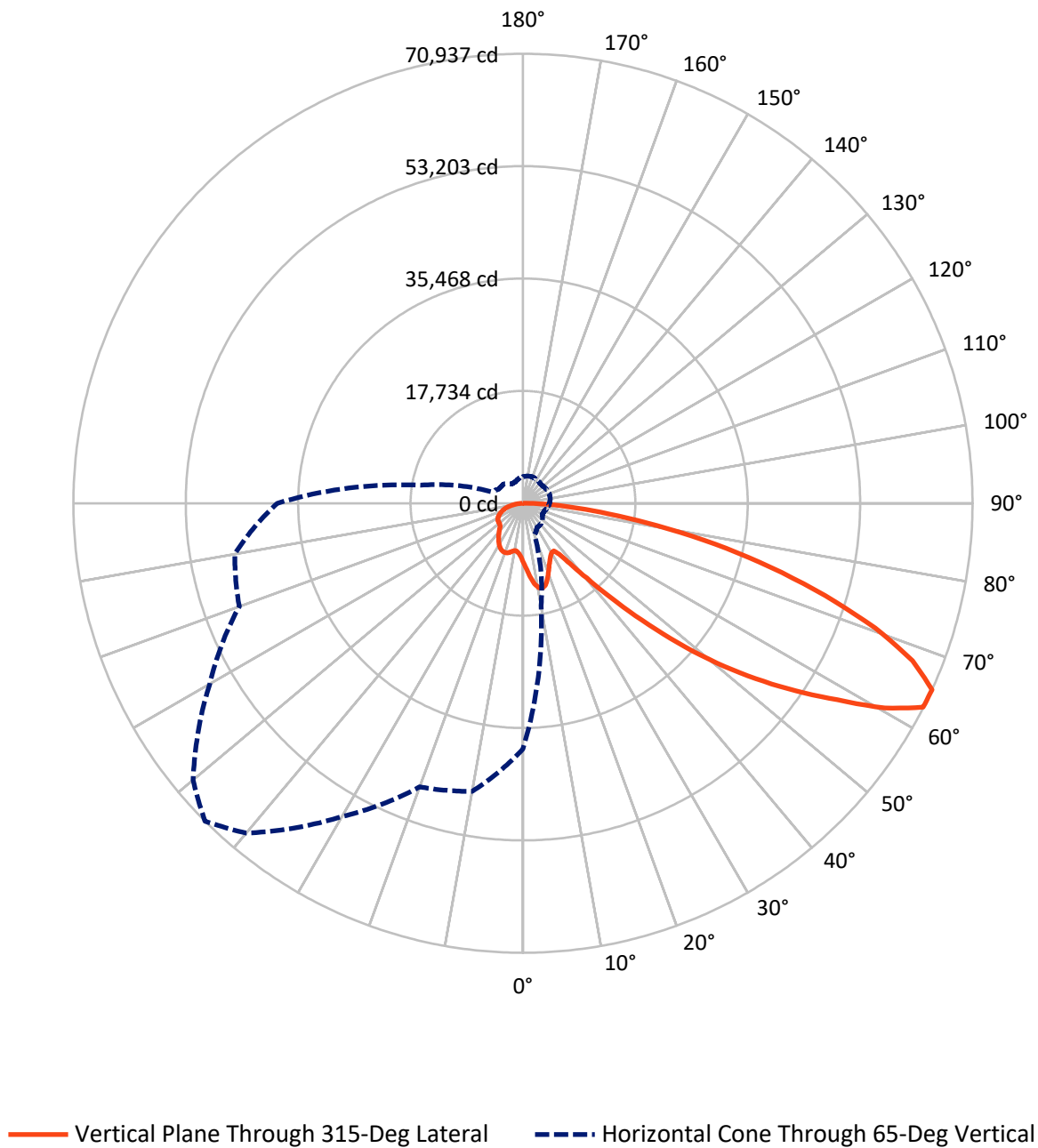


Based on 25 foot mounting height. Maximum calculated value = 18.5 fc  
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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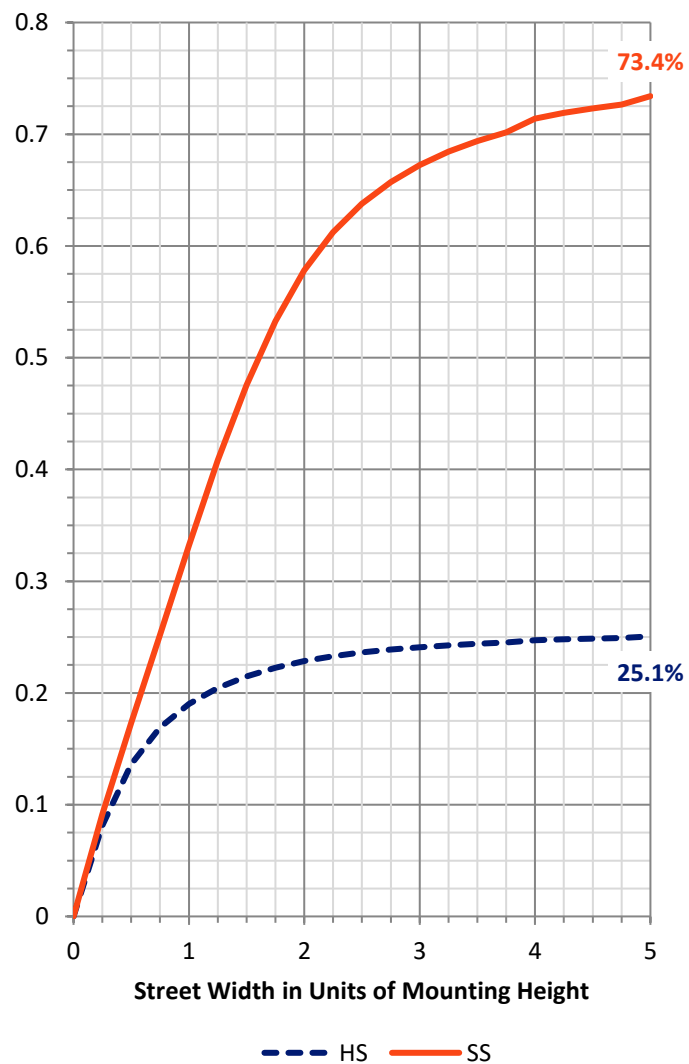
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 17274.3  | 0.0    | 17274.3 |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 50694.7  | 0.0    | 50694.7 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 67969.0  | 0.0    | 67969.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 927.1   | 1.4       |
| 10°-20°   | 2910.5  | 4.3       |
| 20°-30°   | 4495.7  | 6.6       |
| 30°-40°   | 5697.2  | 8.4       |
| 40°-50°   | 8592.8  | 12.6      |
| 50°-60°   | 13883.0 | 20.4      |
| 60°-70°   | 17307.4 | 25.5      |
| 70°-80°   | 11349.3 | 16.7      |
| 80°-90°   | 2805.8  | 4.1       |
| 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°    | 67969.0 | 100.0     |
| 0°-180°   | 67969.0 | 100.0     |

**Coefficient of Utilization**



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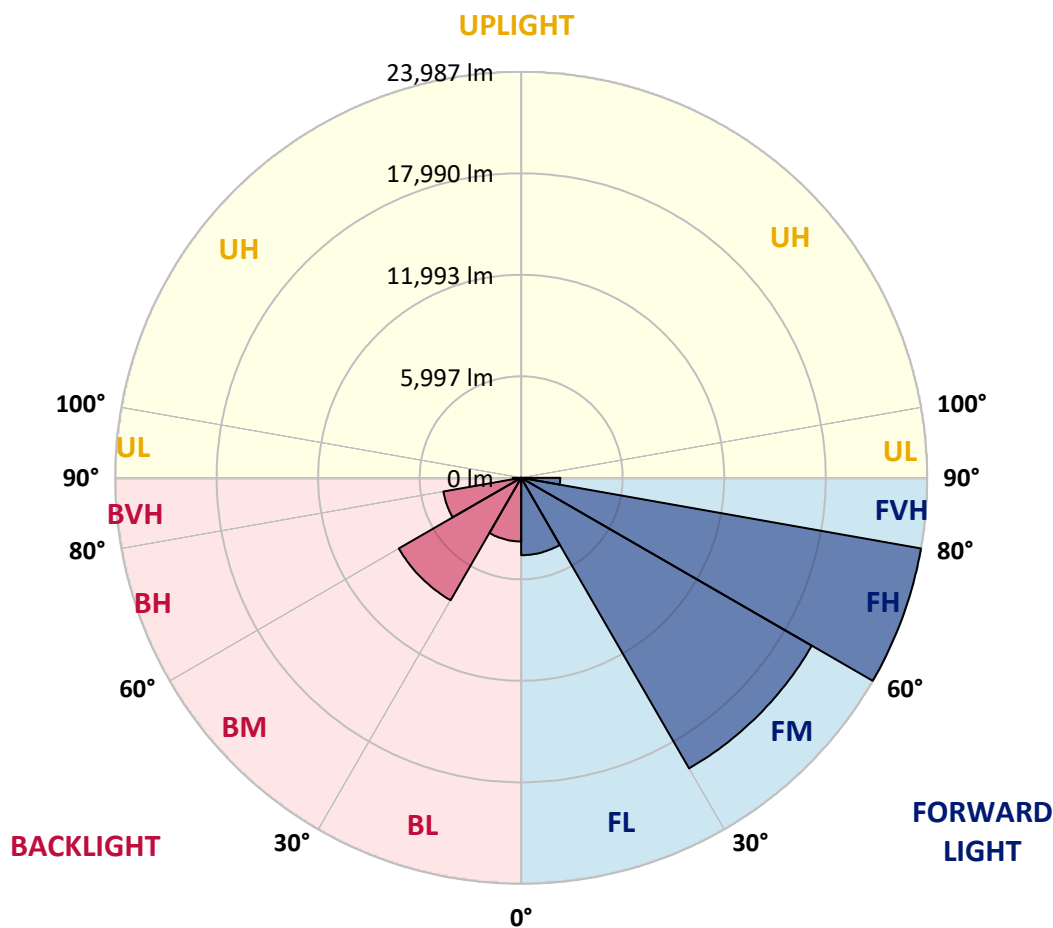
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 4571.7  | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 19825.1 | 29.2      |                         |      |         |
| FH   | (60°-80°)   | 23986.5 | 35.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 2311.4  | 3.4       |                         |      | G5      |
| BL   | (0°-30°)    | 3761.7  | 5.5       | B4/5000                 |      |         |
| BM   | (30°-60°)   | 8348.0  | 12.3      | B4/8500                 |      |         |
| BH   | (60°-80°)   | 4670.2  | 6.9       | B4/5000                 |      | G4/5000 |
| BVH  | (80°-90°)   | 494.4   | 0.7       |                         |      | G3/500  |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B4-U0-G5**

Type IV Short



REPORT NUMBER: P957022

CATALOG NUMBER: GALN-SB9C-730-U-SLR

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°    | 40°    | 45°    | 50°    |
|-------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 0°    | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3 | 9346.3 | 9346.3 | 9346.3 |
| 2.5°  | 10051.1 | 9974.0  | 9896.8  | 9814.7  | 9732.9  | 9650.5  | 9568.0  | 9489.1 | 9410.2 | 9333.8 | 9248.8 |
| 5°    | 10807.8 | 10637.4 | 10467.1 | 10297.1 | 10127.5 | 9956.4  | 9785.7  | 9626.1 | 9466.5 | 9315.8 | 9167.0 |
| 7.5°  | 11568.1 | 11287.0 | 11006.1 | 10746.5 | 10486.8 | 10234.0 | 9981.1  | 9758.4 | 9535.7 | 9330.2 | 9137.6 |
| 10°   | 12150.9 | 11795.5 | 11440.1 | 11096.9 | 10754.0 | 10447.0 | 10139.6 | 9876.4 | 9612.4 | 9358.9 | 9151.9 |
| 12.5° | 12507.8 | 12117.2 | 11727.0 | 11338.2 | 10949.5 | 10587.2 | 10225.0 | 9927.0 | 9628.9 | 9362.5 | 9169.9 |
| 15°   | 12724.8 | 12317.7 | 11910.6 | 11488.9 | 11067.1 | 10650.0 | 10232.9 | 9887.9 | 9542.9 | 9247.7 | 9093.5 |
| 17.5° | 12846.7 | 12433.9 | 12021.1 | 11561.0 | 11100.8 | 10616.6 | 10132.5 | 9717.5 | 9302.6 | 8955.4 | 8860.4 |
| 20°   | 12981.2 | 12552.3 | 12123.0 | 11617.3 | 11111.6 | 10524.8 | 9938.1  | 9423.8 | 8909.5 | 8505.3 | 8480.2 |
| 22.5° | 13137.2 | 12698.9 | 12260.3 | 11693.3 | 11125.9 | 10412.2 | 9698.5  | 9079.1 | 8459.7 | 7999.6 | 8048.7 |
| 25°   | 13338.1 | 12908.4 | 12479.1 | 11831.0 | 11182.6 | 10301.0 | 9419.8  | 8694.3 | 7969.1 | 7497.5 | 7630.2 |
| 27.5° | 13610.6 | 13201.1 | 12791.1 | 12046.2 | 11300.9 | 10226.8 | 9152.7  | 8342.5 | 7532.3 | 7103.0 | 7264.4 |
| 30°   | 13978.2 | 13582.3 | 13186.7 | 12324.9 | 11463.1 | 10192.0 | 8920.3  | 8048.4 | 7176.5 | 6816.1 | 6942.7 |
| 32.5° | 14412.2 | 14020.2 | 13628.6 | 12615.7 | 11602.9 | 10149.0 | 8694.3  | 7794.8 | 6895.0 | 6604.5 | 6660.8 |
| 35°   | 14939.4 | 14564.3 | 14188.8 | 12947.1 | 11705.5 | 10067.9 | 8431.1  | 7545.6 | 6660.1 | 6418.0 | 6394.7 |
| 37.5° | 15827.1 | 15348.6 | 14870.2 | 13318.3 | 11766.5 | 9929.1  | 8091.8  | 7252.2 | 6412.6 | 6201.0 | 6115.6 |
| 40°   | 17168.4 | 16471.2 | 15774.0 | 13789.6 | 11804.8 | 9738.0  | 7671.4  | 6902.1 | 6132.9 | 5941.0 | 5810.1 |
| 42.5° | 18947.3 | 17940.9 | 16934.6 | 14406.1 | 11877.6 | 9540.7  | 7204.5  | 6515.9 | 5827.3 | 5650.5 | 5485.5 |
| 45°   | 21144.0 | 19786.5 | 18429.0 | 15217.4 | 12005.7 | 9357.4  | 6709.6  | 6105.6 | 5501.6 | 5322.3 | 5162.7 |
| 47.5° | 23891.2 | 21980.7 | 20069.8 | 16081.7 | 12093.6 | 9206.1  | 6318.6  | 5781.0 | 5243.4 | 5012.1 | 4874.7 |
| 50°   | 27492.0 | 24611.7 | 21731.1 | 16883.6 | 12036.2 | 9041.1  | 6046.1  | 5565.5 | 5084.9 | 4780.8 | 4621.2 |
| 52.5° | 31625.4 | 27375.5 | 23125.5 | 17404.4 | 11682.9 | 8762.4  | 5842.3  | 5423.4 | 5004.9 | 4655.2 | 4432.2 |
| 55°   | 36026.0 | 29825.7 | 23625.8 | 17289.6 | 10953.1 | 8300.5  | 5648.0  | 5320.5 | 4993.1 | 4667.8 | 4331.7 |
| 57.5° | 40028.5 | 31562.3 | 23096.1 | 16481.9 | 9868.2  | 7649.2  | 5429.9  | 5198.6 | 4967.3 | 4680.3 | 4271.5 |
| 60°   | 42447.6 | 31996.3 | 21544.6 | 14978.9 | 8413.1  | 6803.5  | 5193.9  | 5012.1 | 4830.2 | 4640.9 | 4214.8 |
| 62.5° | 41219.2 | 30169.0 | 19118.7 | 12946.4 | 6774.1  | 5791.4  | 4808.7  | 4687.9 | 4567.4 | 4544.0 | 4148.8 |
| 65°   | 38760.7 | 27583.5 | 16406.3 | 10872.7 | 5339.5  | 4880.8  | 4422.1  | 4365.1 | 4308.1 | 4310.9 | 4009.7 |
| 67.5° | 35466.5 | 24506.7 | 13546.8 | 8841.3  | 4135.9  | 4005.7  | 3875.2  | 3907.1 | 3938.7 | 3930.8 | 3761.5 |
| 70°   | 31508.9 | 21149.4 | 10789.9 | 6961.3  | 3132.8  | 3170.1  | 3207.0  | 3354.8 | 3502.2 | 3502.2 | 3446.6 |
| 72.5° | 26792.7 | 17509.8 | 8227.3  | 5322.0  | 2416.6  | 2528.8  | 2641.4  | 2850.9 | 3060.0 | 3095.1 | 3095.8 |
| 75°   | 20826.6 | 13337.7 | 5848.8  | 3862.6  | 1876.4  | 1978.3  | 2080.1  | 2314.7 | 2549.3 | 2711.4 | 2697.7 |
| 77.5° | 14880.2 | 9335.2  | 3790.2  | 2617.4  | 1444.6  | 1513.8  | 1583.4  | 1811.2 | 2038.9 | 2306.1 | 2298.9 |
| 80°   | 9739.0  | 6014.5  | 2290.0  | 1686.4  | 1083.1  | 1111.8  | 1140.5  | 1333.4 | 1526.0 | 1845.2 | 1844.2 |
| 82.5° | 5661.2  | 3481.0  | 1301.2  | 1037.2  | 774.0   | 779.0   | 784.7   | 926.7  | 1068.8 | 1341.3 | 1356.4 |
| 85°   | 2490.8  | 1565.8  | 641.3   | 554.5   | 468.0   | 465.5   | 462.7   | 566.7  | 670.7  | 873.3  | 893.0  |
| 87.5° | 771.1   | 512.9   | 254.6   | 229.9   | 205.1   | 202.6   | 200.1   | 242.4  | 285.1  | 369.4  | 394.5  |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P957022

CATALOG NUMBER: GALN-SB9C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 |
| 2.5°  | 9179.9 | 9111.4 | 9049.4 | 8987.7 | 8933.5 | 8879.4 | 8824.9 | 8770.7 | 8728.7 | 8686.4 | 8652.3 |
| 5°    | 9037.2 | 8907.0 | 8798.0 | 8689.3 | 8593.2 | 8497.0 | 8409.9 | 8322.4 | 8255.3 | 8187.9 | 8140.9 |
| 7.5°  | 8964.7 | 8792.2 | 8648.8 | 8505.3 | 8384.4 | 8263.2 | 8156.3 | 8049.8 | 7969.8 | 7890.2 | 7834.3 |
| 10°   | 8969.7 | 8787.6 | 8644.1 | 8500.6 | 8370.4 | 8239.9 | 8119.8 | 7999.6 | 7904.2 | 7808.4 | 7746.0 |
| 12.5° | 9020.7 | 8872.2 | 8776.8 | 8682.1 | 8579.5 | 8477.7 | 8353.2 | 8229.1 | 8107.2 | 7985.3 | 7904.6 |
| 15°   | 9022.1 | 8951.1 | 8964.0 | 8976.9 | 8950.4 | 8923.8 | 8815.9 | 8707.9 | 8534.3 | 8360.8 | 8238.1 |
| 17.5° | 8886.5 | 8912.4 | 9068.7 | 9225.1 | 9308.3 | 9391.2 | 9304.0 | 9217.2 | 8987.3 | 8757.4 | 8576.7 |
| 20°   | 8602.1 | 8724.1 | 8995.6 | 9267.4 | 9441.4 | 9615.3 | 9575.1 | 9534.6 | 9271.7 | 9009.2 | 8787.6 |
| 22.5° | 8229.1 | 8409.5 | 8719.4 | 9030.0 | 9256.3 | 9482.6 | 9507.0 | 9531.0 | 9280.0 | 9028.9 | 8800.8 |
| 25°   | 7838.2 | 8046.2 | 8324.9 | 8603.9 | 8826.6 | 9049.4 | 9132.6 | 9215.4 | 9009.6 | 8804.0 | 8601.1 |
| 27.5° | 7465.2 | 7666.1 | 7895.2 | 8124.1 | 8302.7 | 8481.3 | 8573.8 | 8666.7 | 8520.0 | 8373.7 | 8216.2 |
| 30°   | 7101.9 | 7261.9 | 7452.0 | 7642.0 | 7790.2 | 7938.6 | 8014.0 | 8089.3 | 7977.7 | 7865.8 | 7753.2 |
| 32.5° | 6755.1 | 6849.4 | 7001.1 | 7153.2 | 7295.2 | 7437.6 | 7521.2 | 7605.1 | 7502.5 | 7399.6 | 7309.6 |
| 35°   | 6420.5 | 6446.7 | 6562.5 | 6678.0 | 6818.6 | 6959.5 | 7060.0 | 7160.4 | 7087.2 | 7014.4 | 6931.2 |
| 37.5° | 6086.9 | 6058.3 | 6141.5 | 6224.3 | 6364.5 | 6505.1 | 6629.2 | 6753.3 | 6719.6 | 6685.9 | 6609.5 |
| 40°   | 5745.2 | 5680.2 | 5740.1 | 5800.0 | 5935.6 | 6071.2 | 6213.9 | 6357.0 | 6365.3 | 6373.1 | 6308.2 |
| 42.5° | 5399.4 | 5313.3 | 5362.1 | 5411.3 | 5539.7 | 5668.4 | 5822.6 | 5976.8 | 6018.1 | 6059.3 | 6004.5 |
| 45°   | 5078.8 | 4995.2 | 5036.1 | 5077.7 | 5199.7 | 5321.6 | 5481.6 | 5641.5 | 5700.7 | 5759.9 | 5710.4 |
| 47.5° | 4804.4 | 4734.1 | 4772.9 | 4811.2 | 4930.7 | 5049.7 | 5207.5 | 5365.3 | 5433.5 | 5501.6 | 5467.2 |
| 50°   | 4558.8 | 4496.7 | 4557.0 | 4617.6 | 4730.2 | 4842.4 | 4983.7 | 5125.1 | 5212.6 | 5300.1 | 5297.9 |
| 52.5° | 4370.5 | 4309.1 | 4399.9 | 4490.3 | 4593.5 | 4696.5 | 4828.1 | 4960.1 | 5063.7 | 5167.4 | 5186.0 |
| 55°   | 4234.2 | 4137.0 | 4265.7 | 4394.1 | 4505.3 | 4616.5 | 4732.0 | 4847.1 | 4956.9 | 5067.0 | 5092.8 |
| 57.5° | 4129.5 | 3987.4 | 4125.9 | 4264.3 | 4394.9 | 4525.4 | 4639.4 | 4753.9 | 4864.7 | 4975.1 | 5001.3 |
| 60°   | 4030.8 | 3846.5 | 3968.1 | 4089.3 | 4239.2 | 4389.1 | 4505.0 | 4621.2 | 4732.3 | 4843.5 | 4872.2 |
| 62.5° | 3918.6 | 3688.7 | 3765.8 | 3842.9 | 4017.6 | 4192.6 | 4316.3 | 4440.0 | 4541.9 | 4643.8 | 4671.4 |
| 65°   | 3765.1 | 3520.1 | 3549.9 | 3579.3 | 3766.5 | 3954.1 | 4072.4 | 4190.8 | 4280.4 | 4370.1 | 4398.4 |
| 67.5° | 3557.8 | 3354.1 | 3344.7 | 3335.4 | 3508.3 | 3681.5 | 3793.8 | 3905.7 | 3983.1 | 4060.6 | 4088.2 |
| 70°   | 3301.7 | 3156.8 | 3124.5 | 3092.2 | 3244.3 | 3396.4 | 3493.2 | 3590.0 | 3660.0 | 3729.9 | 3756.5 |
| 72.5° | 2996.5 | 2897.1 | 2849.8 | 2802.8 | 2922.6 | 3042.0 | 3129.5 | 3217.1 | 3285.6 | 3354.1 | 3385.6 |
| 75°   | 2621.3 | 2544.6 | 2499.4 | 2453.9 | 2542.8 | 2631.7 | 2711.0 | 2790.3 | 2852.7 | 2915.1 | 2948.1 |
| 77.5° | 2237.6 | 2176.3 | 2130.4 | 2084.5 | 2156.9 | 2229.0 | 2297.1 | 2365.3 | 2430.9 | 2496.2 | 2527.0 |
| 80°   | 1792.9 | 1741.2 | 1702.9 | 1664.1 | 1724.4 | 1784.3 | 1841.6 | 1899.0 | 1948.9 | 1998.4 | 2039.3 |
| 82.5° | 1331.3 | 1306.2 | 1278.9 | 1251.7 | 1246.7 | 1241.6 | 1221.5 | 1201.5 | 1307.6 | 1413.8 | 1483.4 |
| 85°   | 866.1  | 839.2  | 808.7  | 778.3  | 752.4  | 726.3  | 670.7  | 615.1  | 714.4  | 814.1  | 900.2  |
| 87.5° | 383.8  | 373.0  | 367.3  | 361.5  | 360.4  | 359.4  | 317.0  | 274.4  | 316.0  | 357.9  | 392.7  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P957022

CATALOG NUMBER: GALN-SB9C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 |
| 2.5°  | 8618.3 | 8591.7 | 8565.2 | 8540.8 | 8516.1 | 8485.6 | 8516.1 | 8540.8 | 8565.2 | 8591.7 | 8618.3 |
| 5°    | 8093.9 | 8060.6 | 8027.2 | 8001.8 | 7976.3 | 7951.2 | 7976.3 | 8001.8 | 8027.2 | 8060.6 | 8093.9 |
| 7.5°  | 7778.3 | 7739.9 | 7701.9 | 7679.0 | 7656.4 | 7639.2 | 7656.4 | 7679.0 | 7701.9 | 7739.9 | 7778.3 |
| 10°   | 7682.9 | 7646.7 | 7610.5 | 7591.1 | 7571.7 | 7563.9 | 7571.7 | 7591.1 | 7610.5 | 7646.7 | 7682.9 |
| 12.5° | 7823.9 | 7783.3 | 7743.2 | 7726.7 | 7710.2 | 7707.3 | 7710.2 | 7726.7 | 7743.2 | 7783.3 | 7823.9 |
| 15°   | 8115.4 | 8059.1 | 8003.2 | 7981.7 | 7960.2 | 7958.4 | 7960.2 | 7981.7 | 8003.2 | 8059.1 | 8115.4 |
| 17.5° | 8395.9 | 8312.7 | 8229.1 | 8201.9 | 8174.3 | 8170.0 | 8174.3 | 8201.9 | 8229.1 | 8312.7 | 8395.9 |
| 20°   | 8566.3 | 8459.7 | 8352.9 | 8318.8 | 8284.7 | 8274.0 | 8284.7 | 8318.8 | 8352.9 | 8459.7 | 8566.3 |
| 22.5° | 8572.4 | 8460.1 | 8347.5 | 8309.8 | 8272.2 | 8256.0 | 8272.2 | 8309.8 | 8347.5 | 8460.1 | 8572.4 |
| 25°   | 8398.8 | 8301.2 | 8204.0 | 8168.5 | 8133.4 | 8112.6 | 8133.4 | 8168.5 | 8204.0 | 8301.2 | 8398.8 |
| 27.5° | 8058.8 | 7993.5 | 7927.9 | 7911.7 | 7895.6 | 7890.2 | 7895.6 | 7911.7 | 7927.9 | 7993.5 | 8058.8 |
| 30°   | 7639.9 | 7606.5 | 7572.8 | 7572.8 | 7572.8 | 7578.2 | 7572.8 | 7572.8 | 7572.8 | 7606.5 | 7639.9 |
| 32.5° | 7219.6 | 7197.7 | 7175.8 | 7178.7 | 7181.9 | 7187.3 | 7181.9 | 7178.7 | 7175.8 | 7197.7 | 7219.6 |
| 35°   | 6848.4 | 6815.0 | 6782.0 | 6774.8 | 6767.7 | 6764.1 | 6767.7 | 6774.8 | 6782.0 | 6815.0 | 6848.4 |
| 37.5° | 6532.7 | 6472.1 | 6411.9 | 6380.0 | 6348.0 | 6330.1 | 6348.0 | 6380.0 | 6411.9 | 6472.1 | 6532.7 |
| 40°   | 6243.3 | 6155.1 | 6067.6 | 6008.0 | 5949.2 | 5914.1 | 5949.2 | 6008.0 | 6067.6 | 6155.1 | 6243.3 |
| 42.5° | 5949.9 | 5840.6 | 5731.2 | 5644.7 | 5558.3 | 5501.6 | 5558.3 | 5644.7 | 5731.2 | 5840.6 | 5949.9 |
| 45°   | 5661.2 | 5536.1 | 5411.3 | 5309.8 | 5208.3 | 5143.0 | 5208.3 | 5309.8 | 5411.3 | 5536.1 | 5661.2 |
| 47.5° | 5432.8 | 5321.6 | 5210.4 | 5116.4 | 5022.8 | 4960.1 | 5022.8 | 5116.4 | 5210.4 | 5321.6 | 5432.8 |
| 50°   | 5296.5 | 5207.5 | 5118.6 | 5031.8 | 4945.0 | 4884.8 | 4945.0 | 5031.8 | 5118.6 | 5207.5 | 5296.5 |
| 52.5° | 5204.7 | 5132.2 | 5059.8 | 4982.0 | 4904.5 | 4848.9 | 4904.5 | 4982.0 | 5059.8 | 5132.2 | 5204.7 |
| 55°   | 5118.6 | 5055.5 | 4992.4 | 4924.2 | 4856.1 | 4805.9 | 4856.1 | 4924.2 | 4992.4 | 5055.5 | 5118.6 |
| 57.5° | 5027.5 | 4963.7 | 4899.8 | 4832.4 | 4764.6 | 4712.6 | 4764.6 | 4832.4 | 4899.8 | 4963.7 | 5027.5 |
| 60°   | 4900.9 | 4838.5 | 4776.5 | 4706.9 | 4637.3 | 4583.5 | 4637.3 | 4706.9 | 4776.5 | 4838.5 | 4900.9 |
| 62.5° | 4699.0 | 4642.7 | 4586.4 | 4513.2 | 4440.0 | 4375.5 | 4440.0 | 4513.2 | 4586.4 | 4642.7 | 4699.0 |
| 65°   | 4426.4 | 4372.3 | 4318.1 | 4247.1 | 4176.4 | 4120.8 | 4176.4 | 4247.1 | 4318.1 | 4372.3 | 4426.4 |
| 67.5° | 4115.5 | 4065.6 | 4016.1 | 3950.1 | 3884.1 | 3833.9 | 3884.1 | 3950.1 | 4016.1 | 4065.6 | 4115.5 |
| 70°   | 3783.0 | 3742.5 | 3701.9 | 3638.8 | 3575.7 | 3518.3 | 3575.7 | 3638.8 | 3701.9 | 3742.5 | 3783.0 |
| 72.5° | 3417.2 | 3383.5 | 3349.8 | 3289.5 | 3229.6 | 3174.0 | 3229.6 | 3289.5 | 3349.8 | 3383.5 | 3417.2 |
| 75°   | 2981.1 | 2964.6 | 2948.1 | 2897.5 | 2846.9 | 2793.9 | 2846.9 | 2897.5 | 2948.1 | 2964.6 | 2981.1 |
| 77.5° | 2557.9 | 2534.9 | 2511.2 | 2460.3 | 2409.4 | 2367.1 | 2409.4 | 2460.3 | 2511.2 | 2534.9 | 2557.9 |
| 80°   | 2080.1 | 2070.1 | 2060.4 | 1991.9 | 1923.1 | 1843.4 | 1923.1 | 1991.9 | 2060.4 | 2070.1 | 2080.1 |
| 82.5° | 1552.9 | 1548.6 | 1544.0 | 1486.2 | 1428.1 | 1377.2 | 1428.1 | 1486.2 | 1544.0 | 1548.6 | 1552.9 |
| 85°   | 986.3  | 979.1  | 971.9  | 926.7  | 881.6  | 835.6  | 881.6  | 926.7  | 971.9  | 979.1  | 986.3  |
| 87.5° | 427.5  | 418.9  | 409.6  | 386.6  | 363.0  | 340.7  | 363.0  | 386.6  | 409.6  | 418.9  | 427.5  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P957022

CATALOG NUMBER: GALN-SB9C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3 |
| 2.5°  | 8652.3 | 8686.4 | 8728.7 | 8770.7 | 8824.9 | 8879.4 | 8933.5 | 8987.7 | 9049.4 | 9111.4 | 9179.9 |
| 5°    | 8140.9 | 8187.9 | 8255.3 | 8322.4 | 8409.9 | 8497.0 | 8593.2 | 8689.3 | 8798.0 | 8907.0 | 9037.2 |
| 7.5°  | 7834.3 | 7890.2 | 7969.8 | 8049.8 | 8156.3 | 8263.2 | 8384.4 | 8505.3 | 8648.8 | 8792.2 | 8964.7 |
| 10°   | 7746.0 | 7808.4 | 7904.2 | 7999.6 | 8119.8 | 8239.9 | 8370.4 | 8500.6 | 8644.1 | 8787.6 | 8969.7 |
| 12.5° | 7904.6 | 7985.3 | 8107.2 | 8229.1 | 8353.2 | 8477.7 | 8579.5 | 8682.1 | 8776.8 | 8872.2 | 9020.7 |
| 15°   | 8238.1 | 8360.8 | 8534.3 | 8707.9 | 8815.9 | 8923.8 | 8950.4 | 8976.9 | 8964.0 | 8951.1 | 9022.1 |
| 17.5° | 8576.7 | 8757.4 | 8987.3 | 9217.2 | 9304.0 | 9391.2 | 9308.3 | 9225.1 | 9068.7 | 8912.4 | 8886.5 |
| 20°   | 8787.6 | 9009.2 | 9271.7 | 9534.6 | 9575.1 | 9615.3 | 9441.4 | 9267.4 | 8995.6 | 8724.1 | 8602.1 |
| 22.5° | 8800.8 | 9028.9 | 9280.0 | 9531.0 | 9507.0 | 9482.6 | 9256.3 | 9030.0 | 8719.4 | 8409.5 | 8229.1 |
| 25°   | 8601.1 | 8804.0 | 9009.6 | 9215.4 | 9132.6 | 9049.4 | 8826.6 | 8603.9 | 8324.9 | 8046.2 | 7838.2 |
| 27.5° | 8216.2 | 8373.7 | 8520.0 | 8666.7 | 8573.8 | 8481.3 | 8302.7 | 8124.1 | 7895.2 | 7666.1 | 7465.2 |
| 30°   | 7753.2 | 7865.8 | 7977.7 | 8089.3 | 8014.0 | 7938.6 | 7790.2 | 7642.0 | 7452.0 | 7261.9 | 7101.9 |
| 32.5° | 7309.6 | 7399.6 | 7502.5 | 7605.1 | 7521.2 | 7437.6 | 7295.2 | 7153.2 | 7001.1 | 6849.4 | 6755.1 |
| 35°   | 6931.2 | 7014.4 | 7087.2 | 7160.4 | 7060.0 | 6959.5 | 6818.6 | 6678.0 | 6562.5 | 6446.7 | 6420.5 |
| 37.5° | 6609.5 | 6685.9 | 6719.6 | 6753.3 | 6629.2 | 6505.1 | 6364.5 | 6224.3 | 6141.5 | 6058.3 | 6086.9 |
| 40°   | 6308.2 | 6373.1 | 6365.3 | 6357.0 | 6213.9 | 6071.2 | 5935.6 | 5800.0 | 5740.1 | 5680.2 | 5745.2 |
| 42.5° | 6004.5 | 6059.3 | 6018.1 | 5976.8 | 5822.6 | 5668.4 | 5539.7 | 5411.3 | 5362.1 | 5313.3 | 5399.4 |
| 45°   | 5710.4 | 5759.9 | 5700.7 | 5641.5 | 5481.6 | 5321.6 | 5199.7 | 5077.7 | 5036.1 | 4995.2 | 5078.8 |
| 47.5° | 5467.2 | 5501.6 | 5433.5 | 5365.3 | 5207.5 | 5049.7 | 4930.7 | 4811.2 | 4772.9 | 4734.1 | 4804.4 |
| 50°   | 5297.9 | 5300.1 | 5212.6 | 5125.1 | 4983.7 | 4842.4 | 4730.2 | 4617.6 | 4557.0 | 4496.7 | 4558.8 |
| 52.5° | 5186.0 | 5167.4 | 5063.7 | 4960.1 | 4828.1 | 4696.5 | 4593.5 | 4490.3 | 4399.9 | 4309.1 | 4370.5 |
| 55°   | 5092.8 | 5067.0 | 4956.9 | 4847.1 | 4732.0 | 4616.5 | 4505.3 | 4394.1 | 4265.7 | 4137.0 | 4234.2 |
| 57.5° | 5001.3 | 4975.1 | 4864.7 | 4753.9 | 4639.4 | 4525.4 | 4394.9 | 4264.3 | 4125.9 | 3987.4 | 4129.5 |
| 60°   | 4872.2 | 4843.5 | 4732.3 | 4621.2 | 4505.0 | 4389.1 | 4239.2 | 4089.3 | 3968.1 | 3846.5 | 4030.8 |
| 62.5° | 4671.4 | 4643.8 | 4541.9 | 4440.0 | 4316.3 | 4192.6 | 4017.6 | 3842.9 | 3765.8 | 3688.7 | 3918.6 |
| 65°   | 4398.4 | 4370.1 | 4280.4 | 4190.8 | 4072.4 | 3954.1 | 3766.5 | 3579.3 | 3549.9 | 3520.1 | 3765.1 |
| 67.5° | 4088.2 | 4060.6 | 3983.1 | 3905.7 | 3793.8 | 3681.5 | 3508.3 | 3335.4 | 3344.7 | 3354.1 | 3557.8 |
| 70°   | 3756.5 | 3729.9 | 3660.0 | 3590.0 | 3493.2 | 3396.4 | 3244.3 | 3092.2 | 3124.5 | 3156.8 | 3301.7 |
| 72.5° | 3385.6 | 3354.1 | 3285.6 | 3217.1 | 3129.5 | 3042.0 | 2922.6 | 2802.8 | 2849.8 | 2897.1 | 2996.5 |
| 75°   | 2948.1 | 2915.1 | 2852.7 | 2790.3 | 2711.0 | 2631.7 | 2542.8 | 2453.9 | 2499.4 | 2544.6 | 2621.3 |
| 77.5° | 2527.0 | 2496.2 | 2430.9 | 2365.3 | 2297.1 | 2229.0 | 2156.9 | 2084.5 | 2130.4 | 2176.3 | 2237.6 |
| 80°   | 2039.3 | 1998.4 | 1948.9 | 1899.0 | 1841.6 | 1784.3 | 1724.4 | 1664.1 | 1702.9 | 1741.2 | 1792.9 |
| 82.5° | 1483.4 | 1413.8 | 1307.6 | 1201.5 | 1221.5 | 1241.6 | 1246.7 | 1251.7 | 1278.9 | 1306.2 | 1331.3 |
| 85°   | 900.2  | 814.1  | 714.4  | 615.1  | 670.7  | 726.3  | 752.4  | 778.3  | 808.7  | 839.2  | 866.1  |
| 87.5° | 392.7  | 357.9  | 316.0  | 274.4  | 317.0  | 359.4  | 360.4  | 361.5  | 367.3  | 373.0  | 383.8  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P957022

CATALOG NUMBER: GALN-SB9C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°    | 245°    | 250°    | 255°    | 260°    | 265°    | 270°    |
|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 9346.3 | 9346.3 | 9346.3 | 9346.3 | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  |
| 2.5°  | 9248.8 | 9333.8 | 9410.2 | 9489.1 | 9568.0  | 9650.5  | 9732.9  | 9814.7  | 9896.8  | 9974.0  | 10051.1 |
| 5°    | 9167.0 | 9315.8 | 9466.5 | 9626.1 | 9785.7  | 9956.4  | 10127.5 | 10297.1 | 10467.1 | 10637.4 | 10807.8 |
| 7.5°  | 9137.6 | 9330.2 | 9535.7 | 9758.4 | 9981.1  | 10234.0 | 10486.8 | 10746.5 | 11006.1 | 11287.0 | 11568.1 |
| 10°   | 9151.9 | 9358.9 | 9612.4 | 9876.4 | 10139.6 | 10447.0 | 10754.0 | 11096.9 | 11440.1 | 11795.5 | 12150.9 |
| 12.5° | 9169.9 | 9362.5 | 9628.9 | 9927.0 | 10225.0 | 10587.2 | 10949.5 | 11338.2 | 11727.0 | 12117.2 | 12507.8 |
| 15°   | 9093.5 | 9247.7 | 9542.9 | 9887.9 | 10232.9 | 10650.0 | 11067.1 | 11488.9 | 11910.6 | 12317.7 | 12724.8 |
| 17.5° | 8860.4 | 8955.4 | 9302.6 | 9717.5 | 10132.5 | 10616.6 | 11100.8 | 11561.0 | 12021.1 | 12433.9 | 12846.7 |
| 20°   | 8480.2 | 8505.3 | 8909.5 | 9423.8 | 9938.1  | 10524.8 | 11111.6 | 11617.3 | 12123.0 | 12552.3 | 12981.2 |
| 22.5° | 8048.7 | 7999.6 | 8459.7 | 9079.1 | 9698.5  | 10412.2 | 11125.9 | 11693.3 | 12260.3 | 12698.9 | 13137.2 |
| 25°   | 7630.2 | 7497.5 | 7969.1 | 8694.3 | 9419.8  | 10301.0 | 11182.6 | 11831.0 | 12479.1 | 12908.4 | 13338.1 |
| 27.5° | 7264.4 | 7103.0 | 7532.3 | 8342.5 | 9152.7  | 10226.8 | 11300.9 | 12046.2 | 12791.1 | 13201.1 | 13610.6 |
| 30°   | 6942.7 | 6816.1 | 7176.5 | 8048.4 | 8920.3  | 10192.0 | 11463.1 | 12324.9 | 13186.7 | 13582.3 | 13978.2 |
| 32.5° | 6660.8 | 6604.5 | 6895.0 | 7794.8 | 8694.3  | 10149.0 | 11602.9 | 12615.7 | 13628.6 | 14020.2 | 14412.2 |
| 35°   | 6394.7 | 6418.0 | 6660.1 | 7545.6 | 8431.1  | 10067.9 | 11705.5 | 12947.1 | 14188.8 | 14564.3 | 14939.4 |
| 37.5° | 6115.6 | 6201.0 | 6412.6 | 7252.2 | 8091.8  | 9929.1  | 11766.5 | 13318.3 | 14870.2 | 15348.6 | 15827.1 |
| 40°   | 5810.1 | 5941.0 | 6132.9 | 6902.1 | 7671.4  | 9738.0  | 11804.8 | 13789.6 | 15774.0 | 16471.2 | 17168.4 |
| 42.5° | 5485.5 | 5650.5 | 5827.3 | 6515.9 | 7204.5  | 9540.7  | 11877.6 | 14406.1 | 16934.6 | 17940.9 | 18947.3 |
| 45°   | 5162.7 | 5322.3 | 5501.6 | 6105.6 | 6709.6  | 9357.4  | 12005.7 | 15217.4 | 18429.0 | 19786.5 | 21144.0 |
| 47.5° | 4874.7 | 5012.1 | 5243.4 | 5781.0 | 6318.6  | 9206.1  | 12093.6 | 16081.7 | 20069.8 | 21980.7 | 23891.2 |
| 50°   | 4621.2 | 4780.8 | 5084.9 | 5565.5 | 6046.1  | 9041.1  | 12036.2 | 16883.6 | 21731.1 | 24611.7 | 27492.0 |
| 52.5° | 4432.2 | 4655.2 | 5004.9 | 5423.4 | 5842.3  | 8762.4  | 11682.9 | 17404.4 | 23125.5 | 27375.5 | 31625.4 |
| 55°   | 4331.7 | 4667.8 | 4993.1 | 5320.5 | 5648.0  | 8300.5  | 10953.1 | 17289.6 | 23625.8 | 29825.7 | 36026.0 |
| 57.5° | 4271.5 | 4680.3 | 4967.3 | 5198.6 | 5429.9  | 7649.2  | 9868.2  | 16481.9 | 23096.1 | 31562.3 | 40028.5 |
| 60°   | 4214.8 | 4640.9 | 4830.2 | 5012.1 | 5193.9  | 6803.5  | 8413.1  | 14978.9 | 21544.6 | 31996.3 | 42447.6 |
| 62.5° | 4148.8 | 4544.0 | 4567.4 | 4687.9 | 4808.7  | 5791.4  | 6774.1  | 12946.4 | 19118.7 | 30169.0 | 41219.2 |
| 65°   | 4009.7 | 4310.9 | 4308.1 | 4365.1 | 4422.1  | 4880.8  | 5339.5  | 10872.7 | 16406.3 | 27583.5 | 38760.7 |
| 67.5° | 3761.5 | 3930.8 | 3938.7 | 3907.1 | 3875.2  | 4005.7  | 4135.9  | 8841.3  | 13546.8 | 24506.7 | 35466.5 |
| 70°   | 3446.6 | 3502.2 | 3502.2 | 3354.8 | 3207.0  | 3170.1  | 3132.8  | 6961.3  | 10789.9 | 21149.4 | 31508.9 |
| 72.5° | 3095.8 | 3095.1 | 3060.0 | 2850.9 | 2641.4  | 2528.8  | 2416.6  | 5322.0  | 8227.3  | 17509.8 | 26792.7 |
| 75°   | 2697.7 | 2711.4 | 2549.3 | 2314.7 | 2080.1  | 1978.3  | 1876.4  | 3862.6  | 5848.8  | 13337.7 | 20826.6 |
| 77.5° | 2298.9 | 2306.1 | 2038.9 | 1811.2 | 1583.4  | 1513.8  | 1444.6  | 2617.4  | 3790.2  | 9335.2  | 14880.2 |
| 80°   | 1844.2 | 1845.2 | 1526.0 | 1333.4 | 1140.5  | 1111.8  | 1083.1  | 1686.4  | 2290.0  | 6014.5  | 9739.0  |
| 82.5° | 1356.4 | 1341.3 | 1068.8 | 926.7  | 784.7   | 779.0   | 774.0   | 1037.2  | 1301.2  | 3481.0  | 5661.2  |
| 85°   | 893.0  | 873.3  | 670.7  | 566.7  | 462.7   | 465.5   | 468.0   | 554.5   | 641.3   | 1565.8  | 2490.8  |
| 87.5° | 394.5  | 369.4  | 285.1  | 242.4  | 200.1   | 202.6   | 205.1   | 229.9   | 254.6   | 512.9   | 771.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

REPORT NUMBER: P957022

CATALOG NUMBER: GALN-SB9C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  |
| 2.5°  | 10089.1 | 10127.5 | 10181.6 | 10235.8 | 10268.0 | 10300.3 | 10316.5 | 10332.6 | 10325.4 | 10332.6 | 10316.5 |
| 5°    | 10940.9 | 11074.3 | 11206.3 | 11338.6 | 11410.3 | 11482.1 | 11525.5 | 11569.2 | 11602.2 | 11569.2 | 11525.5 |
| 7.5°  | 11784.8 | 12001.0 | 12195.8 | 12390.5 | 12507.8 | 12625.1 | 12688.5 | 12751.7 | 12782.2 | 12751.7 | 12688.5 |
| 10°   | 12407.0 | 12663.1 | 12891.5 | 13120.0 | 13258.4 | 13396.2 | 13457.8 | 13519.2 | 13542.5 | 13519.2 | 13457.8 |
| 12.5° | 12785.4 | 13062.6 | 13269.2 | 13475.1 | 13575.5 | 13675.9 | 13709.6 | 13743.3 | 13746.9 | 13743.3 | 13709.6 |
| 15°   | 12964.3 | 13203.6 | 13333.0 | 13462.9 | 13466.5 | 13470.0 | 13434.2 | 13398.3 | 13356.0 | 13398.3 | 13434.2 |
| 17.5° | 13008.5 | 13170.2 | 13172.7 | 13174.9 | 13029.6 | 12884.4 | 12751.3 | 12617.9 | 12523.9 | 12617.9 | 12751.3 |
| 20°   | 13037.5 | 13094.2 | 12923.8 | 12753.5 | 12432.8 | 12112.2 | 11878.7 | 11645.2 | 11501.8 | 11645.2 | 11878.7 |
| 22.5° | 13063.3 | 12989.5 | 12636.5 | 12283.6 | 11812.0 | 11340.4 | 11048.5 | 10756.5 | 10598.0 | 10756.5 | 11048.5 |
| 25°   | 13104.9 | 12871.8 | 12336.0 | 11800.2 | 11227.4 | 10654.7 | 10347.7 | 10041.4 | 9891.5  | 10041.4 | 10347.7 |
| 27.5° | 13193.9 | 12776.8 | 12067.0 | 11357.6 | 10722.8 | 10088.0 | 9786.0  | 9484.4  | 9342.7  | 9484.4  | 9786.0  |
| 30°   | 13356.7 | 12735.5 | 11861.9 | 10988.2 | 10326.9 | 9665.5  | 9385.4  | 9105.3  | 8973.3  | 9105.3  | 9385.4  |
| 32.5° | 13561.1 | 12710.4 | 11722.0 | 10733.6 | 10112.0 | 9490.5  | 9270.6  | 9050.4  | 8955.4  | 9050.4  | 9270.6  |
| 35°   | 13897.9 | 12856.8 | 11826.7 | 10797.0 | 10365.2 | 9933.8  | 9882.5  | 9831.2  | 9823.3  | 9831.2  | 9882.5  |
| 37.5° | 14601.9 | 13376.8 | 12440.7 | 11504.7 | 11476.7 | 11448.7 | 11683.3 | 11917.8 | 12039.8 | 11917.8 | 11683.3 |
| 40°   | 15836.0 | 14503.7 | 13807.5 | 13111.4 | 13602.7 | 14094.1 | 14664.3 | 15234.6 | 15518.6 | 15234.6 | 14664.3 |
| 42.5° | 17625.3 | 16303.3 | 15902.4 | 15501.4 | 16573.0 | 17644.7 | 18681.9 | 19719.1 | 20328.1 | 19719.1 | 18681.9 |
| 45°   | 19956.5 | 18768.7 | 18591.9 | 18414.7 | 20131.5 | 21848.7 | 23553.0 | 25257.7 | 26292.4 | 25257.7 | 23553.0 |
| 47.5° | 22736.0 | 21580.5 | 21544.6 | 21508.7 | 23985.5 | 26461.6 | 28956.7 | 31451.5 | 32916.6 | 31451.5 | 28956.7 |
| 50°   | 26065.0 | 24638.3 | 24644.4 | 24650.5 | 27842.4 | 31034.4 | 34327.8 | 37621.3 | 39612.5 | 37621.3 | 34327.8 |
| 52.5° | 29897.5 | 28169.9 | 27995.2 | 27820.2 | 31633.0 | 35445.7 | 39520.7 | 43595.3 | 45982.0 | 43595.3 | 39520.7 |
| 55°   | 34318.9 | 32611.7 | 31930.6 | 31249.6 | 35493.1 | 39736.2 | 44594.1 | 49451.9 | 52290.6 | 49451.9 | 44594.1 |
| 57.5° | 39098.9 | 38168.9 | 36802.8 | 35437.1 | 39721.9 | 44006.6 | 49509.0 | 55011.0 | 58531.1 | 55011.0 | 49509.0 |
| 60°   | 43891.5 | 45335.8 | 43639.4 | 41943.0 | 45997.8 | 50052.7 | 55943.8 | 61834.9 | 65639.4 | 61834.9 | 55943.8 |
| 62.5° | 45164.7 | 49110.2 | 48919.0 | 48727.5 | 52442.0 | 56156.8 | 61761.8 | 67366.3 | 70882.9 | 67366.3 | 61761.8 |
| 65°   | 42463.7 | 46166.7 | 46899.5 | 47631.8 | 52352.3 | 57073.2 | 62508.1 | 67942.7 | 70936.7 | 67942.7 | 62508.1 |
| 67.5° | 38988.4 | 42510.3 | 42853.9 | 43197.2 | 48115.6 | 53033.7 | 58492.0 | 63950.2 | 66295.8 | 63950.2 | 58492.0 |
| 70°   | 35339.6 | 39170.6 | 39324.1 | 39478.0 | 43876.4 | 48274.5 | 52971.7 | 57668.5 | 58972.2 | 57668.5 | 52971.7 |
| 72.5° | 31188.6 | 35584.9 | 35695.4 | 35805.5 | 39246.7 | 42687.9 | 46205.8 | 49723.4 | 49855.4 | 49723.4 | 46205.8 |
| 75°   | 25376.4 | 29926.2 | 30334.7 | 30743.2 | 33420.5 | 36097.8 | 38574.2 | 41050.7 | 40387.2 | 41050.7 | 38574.2 |
| 77.5° | 19127.3 | 23374.8 | 23959.4 | 24544.0 | 26579.3 | 28614.6 | 30370.9 | 32127.5 | 30987.0 | 32127.5 | 30370.9 |
| 80°   | 13312.2 | 16885.1 | 17611.7 | 18338.3 | 19875.5 | 21411.9 | 22334.3 | 23256.4 | 21421.9 | 23256.4 | 22334.3 |
| 82.5° | 8104.0  | 10547.1 | 11358.7 | 12170.7 | 13228.7 | 14286.7 | 14671.5 | 15056.0 | 13614.2 | 15056.0 | 14671.5 |
| 85°   | 3787.3  | 5083.8  | 5774.2  | 6464.6  | 7334.0  | 8203.0  | 8421.4  | 8639.8  | 7484.9  | 8639.8  | 8421.4  |
| 87.5° | 1206.8  | 1642.6  | 2027.8  | 2413.0  | 2847.7  | 3282.3  | 3301.0  | 3319.3  | 2786.7  | 3319.3  | 3301.0  |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

REPORT NUMBER: P957022

CATALOG NUMBER: GALN-SB9C-730-U-SLR

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|       | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  | 9346.3  |
| 2.5°  | 10300.3 | 10268.0 | 10235.8 | 10181.6 | 10127.5 | 10089.1 | 10051.1 |
| 5°    | 11482.1 | 11410.3 | 11338.6 | 11206.3 | 11074.3 | 10940.9 | 10807.8 |
| 7.5°  | 12625.1 | 12507.8 | 12390.5 | 12195.8 | 12001.0 | 11784.8 | 11568.1 |
| 10°   | 13396.2 | 13258.4 | 13120.0 | 12891.5 | 12663.1 | 12407.0 | 12150.9 |
| 12.5° | 13675.9 | 13575.5 | 13475.1 | 13269.2 | 13062.6 | 12785.4 | 12507.8 |
| 15°   | 13470.0 | 13466.5 | 13462.9 | 13333.0 | 13203.6 | 12964.3 | 12724.8 |
| 17.5° | 12884.4 | 13029.6 | 13174.9 | 13172.7 | 13170.2 | 13008.5 | 12846.7 |
| 20°   | 12112.2 | 12432.8 | 12753.5 | 12923.8 | 13094.2 | 13037.5 | 12981.2 |
| 22.5° | 11340.4 | 11812.0 | 12283.6 | 12636.5 | 12989.5 | 13063.3 | 13137.2 |
| 25°   | 10654.7 | 11227.4 | 11800.2 | 12336.0 | 12871.8 | 13104.9 | 13338.1 |
| 27.5° | 10088.0 | 10722.8 | 11357.6 | 12067.0 | 12776.8 | 13193.9 | 13610.6 |
| 30°   | 9665.5  | 10326.9 | 10988.2 | 11861.9 | 12735.5 | 13356.7 | 13978.2 |
| 32.5° | 9490.5  | 10112.0 | 10733.6 | 11722.0 | 12710.4 | 13561.1 | 14412.2 |
| 35°   | 9933.8  | 10365.2 | 10797.0 | 11826.7 | 12856.8 | 13897.9 | 14939.4 |
| 37.5° | 11448.7 | 11476.7 | 11504.7 | 12440.7 | 13376.8 | 14601.9 | 15827.1 |
| 40°   | 14094.1 | 13602.7 | 13111.4 | 13807.5 | 14503.7 | 15836.0 | 17168.4 |
| 42.5° | 17644.7 | 16573.0 | 15501.4 | 15902.4 | 16303.3 | 17625.3 | 18947.3 |
| 45°   | 21848.7 | 20131.5 | 18414.7 | 18591.9 | 18768.7 | 19956.5 | 21144.0 |
| 47.5° | 26461.6 | 23985.5 | 21508.7 | 21544.6 | 21580.5 | 22736.0 | 23891.2 |
| 50°   | 31034.4 | 27842.4 | 24650.5 | 24644.4 | 24638.3 | 26065.0 | 27492.0 |
| 52.5° | 35445.7 | 31633.0 | 27820.2 | 27995.2 | 28169.9 | 29897.5 | 31625.4 |
| 55°   | 39736.2 | 35493.1 | 31249.6 | 31930.6 | 32611.7 | 34318.9 | 36026.0 |
| 57.5° | 44006.6 | 39721.9 | 35437.1 | 36802.8 | 38168.9 | 39098.9 | 40028.5 |
| 60°   | 50052.7 | 45997.8 | 41943.0 | 43639.4 | 45335.8 | 43891.5 | 42447.6 |
| 62.5° | 56156.8 | 52442.0 | 48727.5 | 48919.0 | 49110.2 | 45164.7 | 41219.2 |
| 65°   | 57073.2 | 52352.3 | 47631.8 | 46899.5 | 46166.7 | 42463.7 | 38760.7 |
| 67.5° | 53033.7 | 48115.6 | 43197.2 | 42853.9 | 42510.3 | 38988.4 | 35466.5 |
| 70°   | 48274.5 | 43876.4 | 39478.0 | 39324.1 | 39170.6 | 35339.6 | 31508.9 |
| 72.5° | 42687.9 | 39246.7 | 35805.5 | 35695.4 | 35584.9 | 31188.6 | 26792.7 |
| 75°   | 36097.8 | 33420.5 | 30743.2 | 30334.7 | 29926.2 | 25376.4 | 20826.6 |
| 77.5° | 28614.6 | 26579.3 | 24544.0 | 23959.4 | 23374.8 | 19127.3 | 14880.2 |
| 80°   | 21411.9 | 19875.5 | 18338.3 | 17611.7 | 16885.1 | 13312.2 | 9739.0  |
| 82.5° | 14286.7 | 13228.7 | 12170.7 | 11358.7 | 10547.1 | 8104.0  | 5661.2  |
| 85°   | 8203.0  | 7334.0  | 6464.6  | 5774.2  | 5083.8  | 3787.3  | 2490.8  |
| 87.5° | 3282.3  | 2847.7  | 2413.0  | 2027.8  | 1642.6  | 1206.8  | 771.1   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)