

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: P954522

Luminaire Tested: **GALN-SB7D-730-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P954522  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SB7D-730-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 70 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 55231 lumens  
Efficiency: N/A  
Efficacy: 107.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 512.8  
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



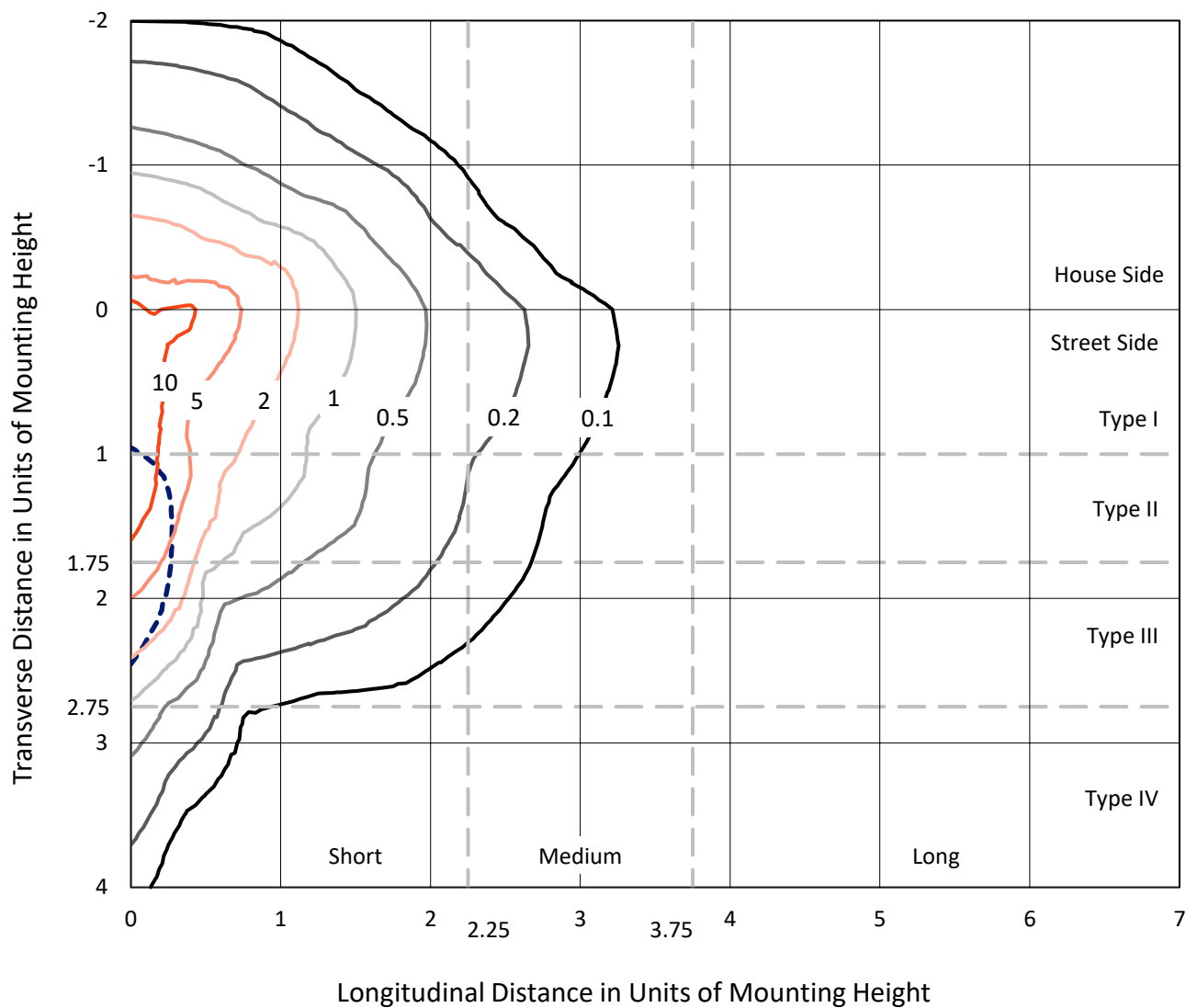
REPORT NUMBER: P954522

CATALOG NUMBER: GALN-SB7D-730-U-SLR-HSS

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

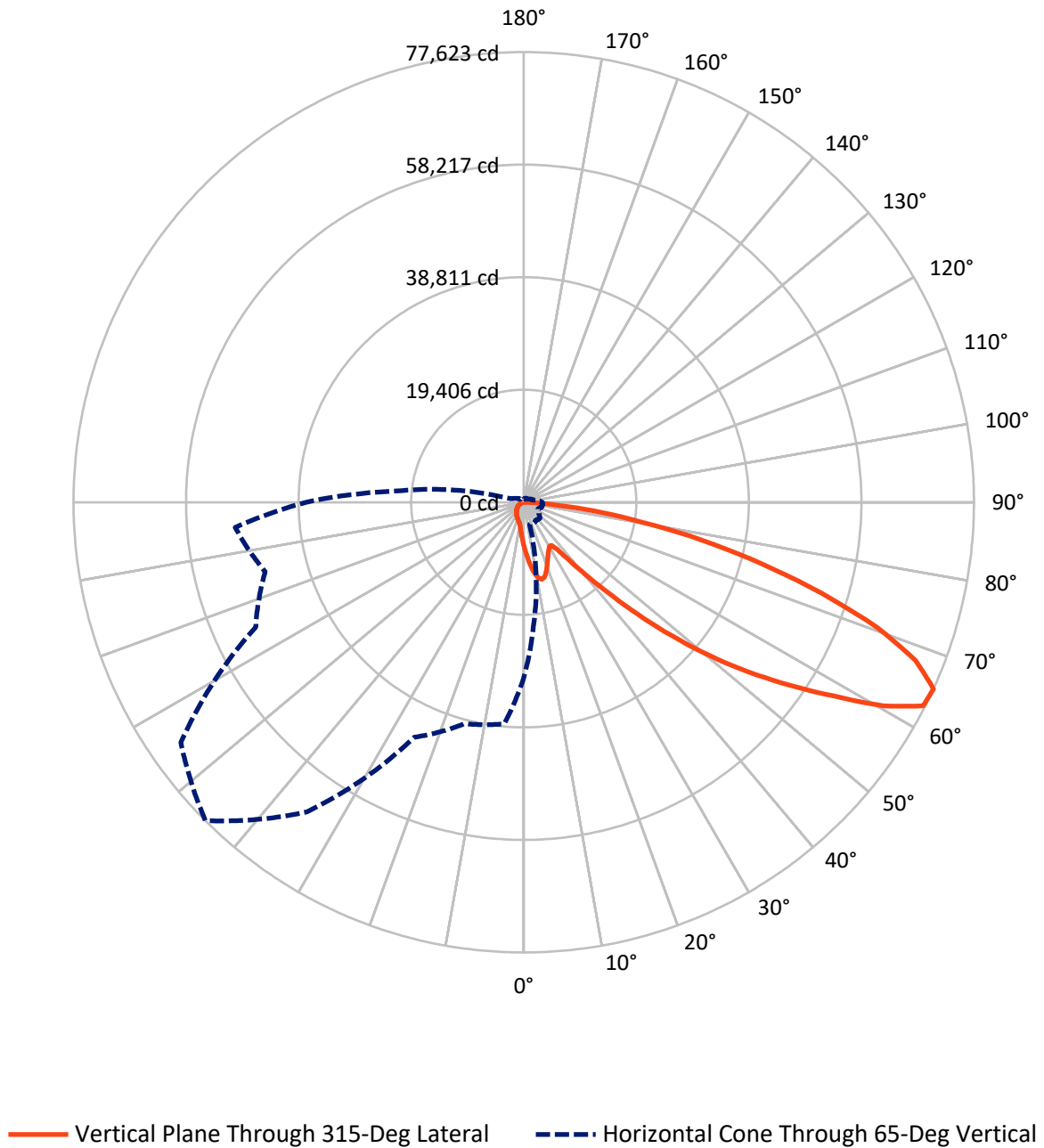


Based on 25 foot mounting height. Maximum calculated value = 17 fc

Type IV - Short - N/A

REPORT NUMBER: P954522  
CATALOG NUMBER: GALN-SB7D-730-U-SLR-HSS

## Luminous Intensity Polar Plot



REPORT NUMBER: P954522

CATALOG NUMBER: GALN-SB7D-730-U-SLR-HSS

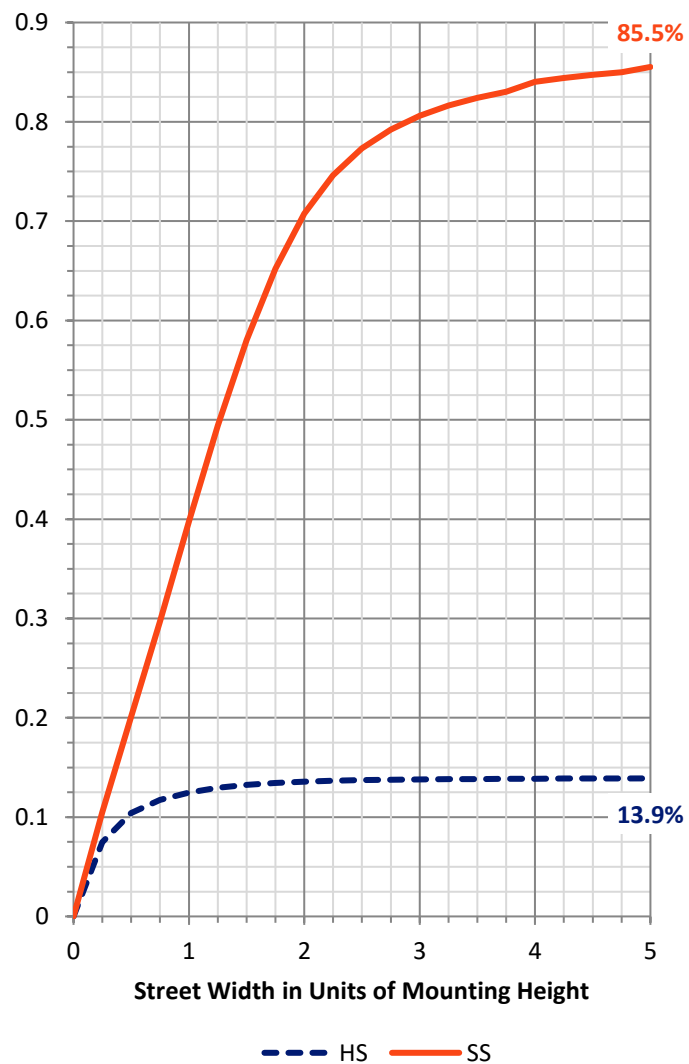
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 7734.7   | 0.0    | 7734.7  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 47496.3  | 0.0    | 47496.3 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 55231.0  | 0.0    | 55231.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 752.9   | 1.4       |
| 10°-20°   | 2257.1  | 4.1       |
| 20°-30°   | 3325.2  | 6.0       |
| 30°-40°   | 4271.9  | 7.7       |
| 40°-50°   | 6909.0  | 12.5      |
| 50°-60°   | 12115.6 | 21.9      |
| 60°-70°   | 15159.9 | 27.4      |
| 70°-80°   | 8858.8  | 16.0      |
| 80°-90°   | 1580.5  | 2.9       |
| 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°    | 55231.0 | 100.0     |
| 0°-180°   | 55231.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P954522

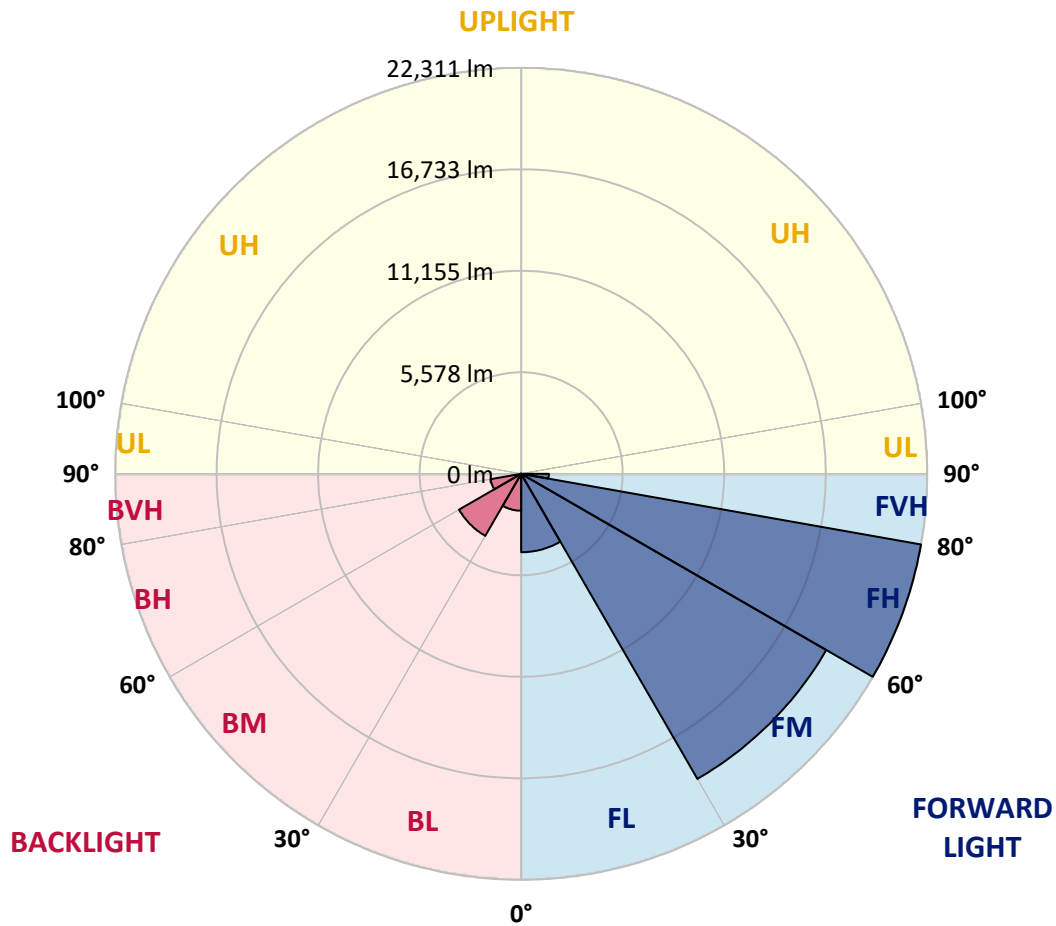
CATALOG NUMBER: GALN-SB7D-730-U-SLR-HSS

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 4307.8  | 7.8       |                         |      |         |
| FM   | (30°-60°)   | 19357.9 | 35.0      |                         |      |         |
| FH   | (60°-80°)   | 22310.8 | 40.4      |                         |      | G5      |
| FVH  | (80°-90°)   | 1519.8  | 2.8       |                         |      | G5      |
| BL   | (0°-30°)    | 2027.4  | 3.7       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 3938.7  | 7.1       | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1707.9  | 3.1       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 60.7    | 0.1       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G5**

Type IV Short



REPORT NUMBER: P954522

CATALOG NUMBER: GALN-SB7D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7647.7  | 7647.7  | 7647.7  | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 |
| 2.5°  | 8640.8  | 8492.4  | 8404.9  | 8188.0 | 7971.1 | 7796.1 | 7560.2 | 7404.2 | 7217.8 | 7039.0 | 6879.1 |
| 5°    | 9630.0  | 9390.3  | 9101.2  | 8705.5 | 8344.0 | 7974.9 | 7617.3 | 7263.4 | 6890.6 | 6548.1 | 6338.9 |
| 7.5°  | 10467.1 | 10120.9 | 9611.0  | 9086.0 | 8625.6 | 8180.4 | 7761.9 | 7293.9 | 6841.1 | 6304.6 | 6019.3 |
| 10°   | 11106.3 | 10665.0 | 9995.3  | 9306.6 | 8777.8 | 8328.8 | 7921.7 | 7526.0 | 7069.4 | 6422.6 | 6064.9 |
| 12.5° | 11494.4 | 11022.6 | 10227.4 | 9420.8 | 8815.8 | 8313.6 | 7997.8 | 7822.7 | 7643.9 | 7000.9 | 6582.4 |
| 15°   | 11779.8 | 11269.9 | 10391.0 | 9500.7 | 8728.3 | 8111.9 | 7879.8 | 8054.8 | 8260.3 | 7849.4 | 7366.2 |
| 17.5° | 12076.6 | 11540.1 | 10604.1 | 9534.9 | 8492.4 | 7720.0 | 7621.1 | 8073.9 | 8549.5 | 8530.4 | 8051.0 |
| 20°   | 12358.1 | 11825.4 | 10790.5 | 9512.1 | 8111.9 | 7244.4 | 7331.9 | 7910.3 | 8462.0 | 8694.1 | 8435.3 |
| 22.5° | 12681.5 | 12118.4 | 10969.4 | 9424.6 | 7617.3 | 6799.2 | 7073.2 | 7651.5 | 8134.7 | 8408.7 | 8328.8 |
| 25°   | 13077.2 | 12487.5 | 11220.5 | 9295.2 | 7084.6 | 6430.2 | 6810.7 | 7350.9 | 7742.8 | 7933.1 | 7929.3 |
| 27.5° | 13503.4 | 12928.8 | 11555.3 | 9226.7 | 6654.7 | 6167.6 | 6513.9 | 6993.3 | 7343.3 | 7476.5 | 7476.5 |
| 30°   | 14032.2 | 13442.5 | 11951.0 | 9150.6 | 6373.1 | 6015.5 | 6205.7 | 6578.6 | 6921.0 | 7054.2 | 7054.2 |
| 32.5° | 14610.6 | 14013.2 | 12331.5 | 8968.0 | 6201.9 | 5901.3 | 5905.1 | 6141.0 | 6453.0 | 6612.8 | 6635.6 |
| 35°   | 15333.5 | 14698.1 | 12738.6 | 8568.5 | 6064.9 | 5768.1 | 5612.1 | 5726.3 | 5985.0 | 6175.3 | 6224.7 |
| 37.5° | 16364.6 | 15596.0 | 13237.0 | 7997.8 | 5863.3 | 5562.7 | 5303.9 | 5330.6 | 5528.4 | 5737.7 | 5813.8 |
| 40°   | 17787.6 | 16802.2 | 13823.0 | 7404.2 | 5574.1 | 5273.5 | 4965.3 | 4953.9 | 5098.5 | 5303.9 | 5387.7 |
| 42.5° | 19712.9 | 18396.4 | 14526.9 | 6837.3 | 5296.3 | 4923.5 | 4607.7 | 4588.6 | 4702.8 | 4881.6 | 4969.1 |
| 45°   | 22254.5 | 20435.8 | 15390.6 | 6350.3 | 5079.5 | 4581.0 | 4269.0 | 4261.4 | 4356.5 | 4512.5 | 4603.9 |
| 47.5° | 25507.6 | 23270.4 | 16254.3 | 6019.3 | 4965.3 | 4310.9 | 3991.3 | 4006.5 | 4090.2 | 4231.0 | 4295.7 |
| 50°   | 29719.6 | 26964.9 | 16516.8 | 5851.8 | 4965.3 | 4166.3 | 3744.0 | 3820.1 | 3888.5 | 3995.1 | 4033.1 |
| 52.5° | 34768.6 | 30511.0 | 15649.3 | 5699.6 | 4995.8 | 4185.3 | 3534.7 | 3698.3 | 3747.8 | 3839.1 | 3854.3 |
| 55°   | 39448.6 | 32249.8 | 13453.9 | 5490.4 | 5003.4 | 4303.3 | 3355.9 | 3599.4 | 3690.7 | 3724.9 | 3721.1 |
| 57.5° | 42165.2 | 31652.5 | 10878.0 | 5136.5 | 4972.9 | 4383.2 | 3241.7 | 3477.6 | 3652.6 | 3675.5 | 3641.2 |
| 60°   | 41647.8 | 29556.0 | 8009.2  | 4866.4 | 4748.4 | 4352.7 | 3207.5 | 3291.2 | 3568.9 | 3603.2 | 3557.5 |
| 62.5° | 37660.3 | 26040.3 | 5558.9  | 4657.1 | 4253.8 | 4219.6 | 3196.1 | 2998.2 | 3386.3 | 3470.0 | 3405.3 |
| 65°   | 30271.3 | 20500.5 | 3926.6  | 4010.3 | 3728.7 | 3930.4 | 3135.2 | 2693.8 | 3165.6 | 3279.8 | 3180.8 |
| 67.5° | 21961.5 | 13872.4 | 2834.6  | 3249.3 | 3378.7 | 3462.4 | 2998.2 | 2473.1 | 2914.5 | 3066.7 | 2937.3 |
| 70°   | 14093.1 | 7491.7  | 1989.9  | 2145.9 | 2846.0 | 2941.1 | 2762.3 | 2275.3 | 2659.6 | 2834.6 | 2693.8 |
| 72.5° | 10018.1 | 4425.0  | 1430.6  | 1502.9 | 2286.7 | 2450.3 | 2431.3 | 2054.6 | 2362.8 | 2575.9 | 2408.5 |
| 75°   | 6913.4  | 2438.9  | 966.4   | 1073.0 | 1658.9 | 1989.9 | 1875.8 | 1765.4 | 2001.3 | 2218.2 | 2054.6 |
| 77.5° | 4333.7  | 1092.0  | 578.3   | 745.7  | 1088.2 | 1563.8 | 1286.0 | 1365.9 | 1560.0 | 1761.6 | 1590.4 |
| 80°   | 2412.3  | 422.3   | 323.4   | 494.6  | 593.6  | 1137.6 | 711.5  | 878.9  | 1149.1 | 1293.6 | 1156.7 |
| 82.5° | 525.1   | 53.3    | 144.6   | 213.1  | 232.1  | 662.0  | 376.7  | 509.8  | 722.9  | 711.5  | 616.4  |
| 85°   | 0.0     | 0.0     | 26.6    | 30.4   | 15.2   | 285.4  | 137.0  | 167.4  | 235.9  | 220.7  | 167.4  |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7.6    | 0.0    |
| 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: P954522

CATALOG NUMBER: GALN-SB7D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 |
| 2.5°  | 6848.7 | 6662.3 | 6525.3 | 6456.8 | 6399.7 | 6453.0 | 6483.4 | 6483.4 | 6612.8 | 6688.9 | 6719.3 |
| 5°    | 6205.7 | 5870.9 | 5615.9 | 5444.7 | 5342.0 | 5376.2 | 5414.3 | 5456.1 | 5619.7 | 5730.1 | 5802.4 |
| 7.5°  | 5760.5 | 5246.9 | 4858.8 | 4619.1 | 4493.5 | 4512.5 | 4539.2 | 4573.4 | 4733.2 | 4843.6 | 4938.7 |
| 10°   | 5676.8 | 4938.7 | 4390.8 | 4075.0 | 3922.8 | 3896.2 | 3880.9 | 3869.5 | 3964.6 | 4048.3 | 4124.4 |
| 12.5° | 6019.3 | 4953.9 | 4189.1 | 3804.8 | 3618.4 | 3538.5 | 3447.2 | 3374.9 | 3390.1 | 3443.4 | 3538.5 |
| 15°   | 6631.8 | 5147.9 | 4124.4 | 3664.1 | 3432.0 | 3298.8 | 3192.3 | 3104.7 | 3085.7 | 3104.7 | 3120.0 |
| 17.5° | 7331.9 | 5410.5 | 4116.8 | 3542.3 | 3253.1 | 3116.2 | 3028.7 | 2948.8 | 2922.1 | 2925.9 | 2944.9 |
| 20°   | 7796.1 | 5619.7 | 4094.0 | 3405.3 | 3081.9 | 2960.2 | 2884.1 | 2804.2 | 2777.5 | 2785.1 | 2788.9 |
| 22.5° | 7841.8 | 5730.1 | 4059.8 | 3253.1 | 2910.7 | 2808.0 | 2731.9 | 2659.6 | 2655.8 | 2655.8 | 2678.6 |
| 25°   | 7594.5 | 5730.1 | 3987.5 | 3116.2 | 2747.1 | 2655.8 | 2587.3 | 2499.8 | 2515.0 | 2522.6 | 2553.0 |
| 27.5° | 7210.2 | 5593.1 | 3850.5 | 3005.8 | 2606.3 | 2511.2 | 2442.7 | 2362.8 | 2381.8 | 2393.2 | 2427.5 |
| 30°   | 6829.7 | 5418.1 | 3686.9 | 2880.3 | 2473.1 | 2362.8 | 2313.3 | 2244.9 | 2252.5 | 2267.7 | 2305.7 |
| 32.5° | 6475.8 | 5231.7 | 3492.8 | 2777.5 | 2340.0 | 2229.6 | 2191.6 | 2115.5 | 2126.9 | 2142.1 | 2184.0 |
| 35°   | 6125.8 | 5026.2 | 3264.6 | 2655.8 | 2218.2 | 2107.9 | 2077.4 | 1989.9 | 1997.5 | 2020.4 | 2066.0 |
| 37.5° | 5749.1 | 4809.3 | 3078.1 | 2534.0 | 2100.3 | 1986.1 | 1955.7 | 1864.4 | 1872.0 | 1898.6 | 1951.9 |
| 40°   | 5353.4 | 4596.2 | 2895.5 | 2404.7 | 1974.7 | 1860.6 | 1833.9 | 1735.0 | 1742.6 | 1773.1 | 1830.1 |
| 42.5° | 4953.9 | 4364.2 | 2754.7 | 2237.2 | 1845.3 | 1723.6 | 1697.0 | 1605.6 | 1617.1 | 1651.3 | 1708.4 |
| 45°   | 4584.8 | 4086.4 | 2663.4 | 2050.8 | 1723.6 | 1586.6 | 1560.0 | 1476.3 | 1499.1 | 1537.2 | 1594.2 |
| 47.5° | 4269.0 | 3801.0 | 2625.3 | 1894.8 | 1594.2 | 1445.8 | 1423.0 | 1354.5 | 1392.6 | 1434.4 | 1480.1 |
| 50°   | 3998.9 | 3527.1 | 2575.9 | 1735.0 | 1472.5 | 1324.1 | 1301.3 | 1255.6 | 1305.1 | 1346.9 | 1388.8 |
| 52.5° | 3804.8 | 3215.1 | 2469.3 | 1590.4 | 1365.9 | 1221.4 | 1213.7 | 1190.9 | 1236.6 | 1274.6 | 1312.7 |
| 55°   | 3637.4 | 2891.7 | 2298.1 | 1464.9 | 1270.8 | 1133.8 | 1141.5 | 1130.0 | 1168.1 | 1198.5 | 1232.8 |
| 57.5° | 3485.2 | 2610.1 | 2081.2 | 1365.9 | 1168.1 | 1057.7 | 1080.6 | 1065.4 | 1084.4 | 1103.4 | 1145.3 |
| 60°   | 3302.6 | 2324.8 | 1822.5 | 1255.6 | 1046.3 | 981.6  | 1008.3 | 966.4  | 962.6  | 970.2  | 981.6  |
| 62.5° | 3032.5 | 1940.5 | 1552.4 | 1118.6 | 939.8  | 897.9  | 909.4  | 829.5  | 768.6  | 768.6  | 780.0  |
| 65°   | 2655.8 | 1560.0 | 1301.3 | 966.4  | 818.0  | 783.8  | 776.2  | 662.0  | 578.3  | 570.7  | 605.0  |
| 67.5° | 2218.2 | 1282.2 | 1080.6 | 814.2  | 681.1  | 658.2  | 665.8  | 582.1  | 498.4  | 490.8  | 528.9  |
| 70°   | 1807.3 | 1061.6 | 871.3  | 650.6  | 525.1  | 547.9  | 582.1  | 498.4  | 418.5  | 407.1  | 441.4  |
| 72.5° | 1468.7 | 844.7  | 681.1  | 498.4  | 388.1  | 452.8  | 494.6  | 407.1  | 331.0  | 323.4  | 353.9  |
| 75°   | 1133.8 | 620.2  | 487.0  | 338.6  | 281.6  | 350.0  | 388.1  | 296.8  | 235.9  | 224.5  | 251.1  |
| 77.5° | 757.2  | 384.3  | 273.9  | 213.1  | 167.4  | 239.7  | 258.7  | 156.0  | 137.0  | 133.2  | 152.2  |
| 80°   | 460.4  | 178.8  | 118.0  | 102.7  | 57.1   | 87.5   | 102.7  | 64.7   | 72.3   | 76.1   | 91.3   |
| 82.5° | 232.1  | 49.5   | 19.0   | 3.8    | 0.0    | 0.0    | 30.4   | 15.2   | 30.4   | 38.0   | 57.1   |
| 85°   | 19.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7.6    | 19.0   | 34.2   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 15.2   |
| 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: P954522

CATALOG NUMBER: GALN-SB7D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°    | 265°    | 270°    | 275°    | 285°    |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| 0°    | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7  | 7647.7  | 7647.7  | 7647.7  | 7647.7  |
| 2.5°  | 6932.4 | 7092.2 | 7244.4 | 7487.9 | 7739.0 | 7986.4 | 8237.5  | 8481.0  | 8568.5  | 8633.2  | 8777.8  |
| 5°    | 6133.4 | 6434.0 | 6784.0 | 7267.2 | 7784.7 | 8317.4 | 8857.7  | 9352.3  | 9576.8  | 9729.0  | 10071.4 |
| 7.5°  | 5307.8 | 5699.6 | 6201.9 | 6928.6 | 7739.0 | 8587.5 | 9436.0  | 10216.0 | 10577.5 | 10870.4 | 11391.7 |
| 10°   | 4489.7 | 4915.9 | 5551.3 | 6380.7 | 7476.5 | 8694.1 | 9865.9  | 10938.9 | 11406.9 | 11776.0 | 12483.7 |
| 12.5° | 3770.6 | 4170.1 | 4836.0 | 5752.9 | 7065.6 | 8610.4 | 10113.3 | 11403.1 | 11954.8 | 12369.5 | 13145.7 |
| 15°   | 3264.6 | 3546.1 | 4135.9 | 5125.1 | 6578.6 | 8340.2 | 10128.5 | 11623.8 | 12228.8 | 12662.5 | 13336.0 |
| 17.5° | 2983.0 | 3078.1 | 3462.4 | 4485.9 | 6038.3 | 7986.4 | 9987.7  | 11699.9 | 12346.7 | 12750.0 | 13218.0 |
| 20°   | 2830.8 | 2846.0 | 2952.6 | 3656.5 | 5345.8 | 7655.3 | 9854.5  | 11776.0 | 12457.0 | 12795.7 | 12936.5 |
| 22.5° | 2709.0 | 2709.0 | 2735.7 | 2990.6 | 4451.7 | 7259.6 | 9812.7  | 11909.1 | 12609.2 | 12818.5 | 12529.3 |
| 25°   | 2598.7 | 2598.7 | 2606.3 | 2674.8 | 3527.1 | 6654.7 | 9786.0  | 12114.6 | 12818.5 | 12875.6 | 12080.4 |
| 27.5° | 2484.6 | 2488.4 | 2488.4 | 2526.4 | 2842.2 | 5832.8 | 9671.9  | 12380.9 | 13069.6 | 12951.7 | 11650.4 |
| 30°   | 2370.4 | 2378.0 | 2378.0 | 2404.7 | 2515.0 | 4870.2 | 9447.4  | 12700.6 | 13396.8 | 13050.6 | 11224.3 |
| 32.5° | 2256.3 | 2263.9 | 2263.9 | 2286.7 | 2366.6 | 3888.5 | 9165.9  | 12993.5 | 13727.9 | 13092.5 | 10828.6 |
| 35°   | 2138.3 | 2149.7 | 2142.1 | 2172.6 | 2256.3 | 3093.3 | 8808.2  | 13286.5 | 14085.5 | 13225.6 | 10634.5 |
| 37.5° | 2020.4 | 2028.0 | 2024.2 | 2054.6 | 2149.7 | 2671.0 | 8393.5  | 13507.2 | 14572.5 | 13522.4 | 10866.6 |
| 40°   | 1902.4 | 1898.6 | 1898.6 | 1932.9 | 2035.6 | 2549.2 | 7872.2  | 13857.2 | 15272.6 | 14043.7 | 11878.7 |
| 42.5° | 1780.7 | 1780.7 | 1773.1 | 1811.1 | 1936.7 | 2457.9 | 7373.8  | 14485.0 | 16292.3 | 14873.1 | 13674.6 |
| 45°   | 1670.3 | 1666.5 | 1651.3 | 1685.5 | 1841.5 | 2298.1 | 7198.8  | 15656.9 | 17799.0 | 16216.2 | 15847.2 |
| 47.5° | 1563.8 | 1560.0 | 1521.9 | 1552.4 | 1727.4 | 2153.5 | 7853.2  | 17574.6 | 19887.9 | 18190.9 | 17882.7 |
| 50°   | 1468.7 | 1472.5 | 1400.2 | 1426.8 | 1613.3 | 2043.2 | 9272.4  | 20062.9 | 22661.6 | 20850.5 | 19811.8 |
| 52.5° | 1381.2 | 1381.2 | 1286.0 | 1301.3 | 1472.5 | 1944.3 | 10623.1 | 22760.5 | 26321.9 | 24560.2 | 22060.5 |
| 55°   | 1293.6 | 1286.0 | 1179.5 | 1187.1 | 1331.7 | 1803.5 | 10824.8 | 25393.5 | 31313.8 | 30141.9 | 25134.8 |
| 57.5° | 1194.7 | 1179.5 | 1080.6 | 1080.6 | 1202.3 | 1700.8 | 9382.7  | 27417.7 | 37508.1 | 38345.2 | 29567.4 |
| 60°   | 1073.0 | 1061.6 | 996.9  | 977.8  | 1099.6 | 1792.1 | 6620.4  | 27653.6 | 41503.2 | 49253.6 | 38056.0 |
| 62.5° | 917.0  | 932.2  | 897.9  | 871.3  | 1000.7 | 1860.6 | 3922.8  | 25755.0 | 40536.8 | 52723.7 | 48222.5 |
| 65°   | 722.9  | 783.8  | 776.2  | 757.2  | 1099.6 | 1567.6 | 2317.1  | 22109.9 | 37572.8 | 49923.3 | 46148.9 |
| 67.5° | 616.4  | 658.2  | 646.8  | 646.8  | 1152.9 | 1190.9 | 1457.3  | 17274.0 | 33494.0 | 46601.7 | 41221.6 |
| 70°   | 525.1  | 566.9  | 525.1  | 525.1  | 871.3  | 722.9  | 1008.3  | 12061.3 | 29091.8 | 42926.2 | 37987.5 |
| 72.5° | 433.8  | 475.6  | 429.9  | 399.5  | 696.3  | 540.3  | 738.1   | 7537.4  | 24914.1 | 39098.5 | 35773.1 |
| 75°   | 331.0  | 380.5  | 346.2  | 308.2  | 460.4  | 403.3  | 559.3   | 4379.4  | 20641.3 | 33452.1 | 32618.9 |
| 77.5° | 209.3  | 273.9  | 258.7  | 216.9  | 338.6  | 293.0  | 403.3   | 2606.3  | 15927.1 | 26139.2 | 28056.9 |
| 80°   | 129.4  | 140.8  | 144.6  | 137.0  | 194.0  | 197.9  | 273.9   | 1483.9  | 10900.9 | 18217.6 | 21919.7 |
| 82.5° | 83.7   | 83.7   | 64.7   | 72.3   | 95.1   | 114.1  | 156.0   | 559.3   | 6407.3  | 11091.1 | 15257.4 |
| 85°   | 60.9   | 53.3   | 34.2   | 34.2   | 45.7   | 57.1   | 60.9    | 171.2   | 2598.7  | 4379.4  | 5966.0  |
| 87.5° | 30.4   | 26.6   | 11.4   | 15.2   | 22.8   | 19.0   | 15.2    | 7.6     | 654.4   | 1400.2  | 981.6   |
| 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: P954522

CATALOG NUMBER: GALN-SB7D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 7647.7  | 7647.7  | 7647.7  | 7647.7  | 7647.7  | 7647.7  | 7647.7  | 7647.7  |
| 2.5°  | 8853.9  | 8971.8  | 8979.4  | 8979.4  | 8876.7  | 8872.9  | 8663.6  | 8640.8  |
| 5°    | 10425.3 | 10501.4 | 10520.4 | 10482.3 | 10276.9 | 10124.7 | 9717.6  | 9630.0  |
| 7.5°  | 11863.5 | 12015.7 | 12015.7 | 11924.4 | 11589.5 | 11277.5 | 10687.8 | 10467.1 |
| 10°   | 13012.5 | 13187.6 | 13149.5 | 12963.1 | 12540.7 | 12110.8 | 11395.5 | 11106.3 |
| 12.5° | 13571.9 | 13750.7 | 13651.8 | 13438.7 | 13027.8 | 12575.0 | 11821.6 | 11494.4 |
| 15°   | 13560.4 | 13511.0 | 13408.3 | 13381.6 | 13183.8 | 12841.3 | 12137.4 | 11779.8 |
| 17.5° | 13077.2 | 12658.7 | 12578.8 | 12845.1 | 13096.3 | 13012.5 | 12411.4 | 12076.6 |
| 20°   | 12312.5 | 11581.9 | 11509.6 | 12019.5 | 12734.8 | 13100.1 | 12666.3 | 12358.1 |
| 22.5° | 11505.8 | 10718.2 | 10550.8 | 11113.9 | 12190.7 | 13126.7 | 12989.7 | 12681.5 |
| 25°   | 10741.1 | 9949.7  | 9782.2  | 10307.3 | 11585.7 | 13081.0 | 13339.8 | 13077.2 |
| 27.5° | 10101.8 | 9337.1  | 9181.1  | 9706.1  | 11003.6 | 12951.7 | 13689.8 | 13503.4 |
| 30°   | 9607.2  | 8899.5  | 8785.4  | 9291.4  | 10501.4 | 12791.9 | 14135.0 | 14032.2 |
| 32.5° | 9318.1  | 8800.6  | 8842.4  | 9257.2  | 10231.2 | 12616.8 | 14561.1 | 14610.6 |
| 35°   | 9603.4  | 9626.2  | 9991.5  | 10162.7 | 10482.3 | 12590.2 | 15139.5 | 15333.5 |
| 37.5° | 11022.6 | 11814.0 | 12571.2 | 12430.4 | 11711.3 | 12898.4 | 16003.2 | 16364.6 |
| 40°   | 13438.7 | 15063.4 | 16292.3 | 15755.8 | 13944.7 | 13842.0 | 17247.3 | 17787.6 |
| 42.5° | 16391.2 | 19145.9 | 21170.1 | 19731.9 | 16825.0 | 15493.3 | 19024.2 | 19712.9 |
| 45°   | 19507.4 | 24179.8 | 27368.2 | 24377.6 | 19895.5 | 17806.6 | 21714.2 | 22254.5 |
| 47.5° | 22791.0 | 30297.9 | 34422.4 | 29529.4 | 22741.5 | 20439.6 | 25382.1 | 25507.6 |
| 50°   | 26382.8 | 37005.9 | 41613.5 | 34677.3 | 25488.6 | 23456.8 | 29864.2 | 29719.6 |
| 52.5° | 29803.3 | 43904.0 | 48652.5 | 39848.1 | 27900.9 | 27200.8 | 35065.4 | 34768.6 |
| 55°   | 33067.9 | 50798.4 | 55733.3 | 44817.2 | 30176.2 | 32147.1 | 41244.5 | 39448.6 |
| 57.5° | 36853.7 | 56996.5 | 63031.0 | 49809.1 | 33357.0 | 38569.7 | 48154.0 | 42165.2 |
| 60°   | 42450.6 | 64039.2 | 71283.7 | 56650.2 | 39406.7 | 45319.4 | 50631.0 | 41647.8 |
| 62.5° | 49596.1 | 70515.1 | 77283.9 | 63354.4 | 45483.0 | 46590.3 | 46982.2 | 37660.3 |
| 65°   | 50984.8 | 72155.0 | 77622.5 | 65146.5 | 44699.2 | 39520.9 | 38356.6 | 30271.3 |
| 67.5° | 47301.8 | 69191.0 | 72889.3 | 61809.6 | 39539.9 | 30541.4 | 28783.6 | 21961.5 |
| 70°   | 43169.7 | 63540.8 | 64640.4 | 56136.6 | 34776.2 | 22463.8 | 19438.9 | 14093.1 |
| 72.5° | 38934.9 | 56003.4 | 53728.1 | 48751.4 | 30564.3 | 16357.0 | 14020.8 | 10018.1 |
| 75°   | 33904.9 | 46091.8 | 42321.2 | 40506.3 | 25306.0 | 12837.5 | 10143.7 | 6913.4  |
| 77.5° | 27151.3 | 32443.9 | 31435.6 | 31397.5 | 19016.6 | 9378.9  | 6768.8  | 4333.7  |
| 80°   | 19153.6 | 21056.0 | 20542.3 | 23647.1 | 12757.6 | 6803.1  | 4075.0  | 2412.3  |
| 82.5° | 9272.4  | 11642.8 | 11951.0 | 14081.7 | 6205.7  | 4002.7  | 939.8   | 525.1   |
| 85°   | 3629.8  | 5615.9  | 4737.0  | 5345.8  | 1742.6  | 1114.8  | 22.8    | 0.0     |
| 87.5° | 407.1   | 650.6   | 597.4   | 471.8   | 213.1   | 45.7    | 0.0     | 0.0     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)