

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: P954373

Luminaire Tested: **GLAN-SB7C-927-U-SLL-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P954373  
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: STREETWORKS  
Catalog Number: GLAN-SB7C-927-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 24742 lumens  
Efficiency: N/A  
Efficacy: 70.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

Input Watts (W): 350.5  
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

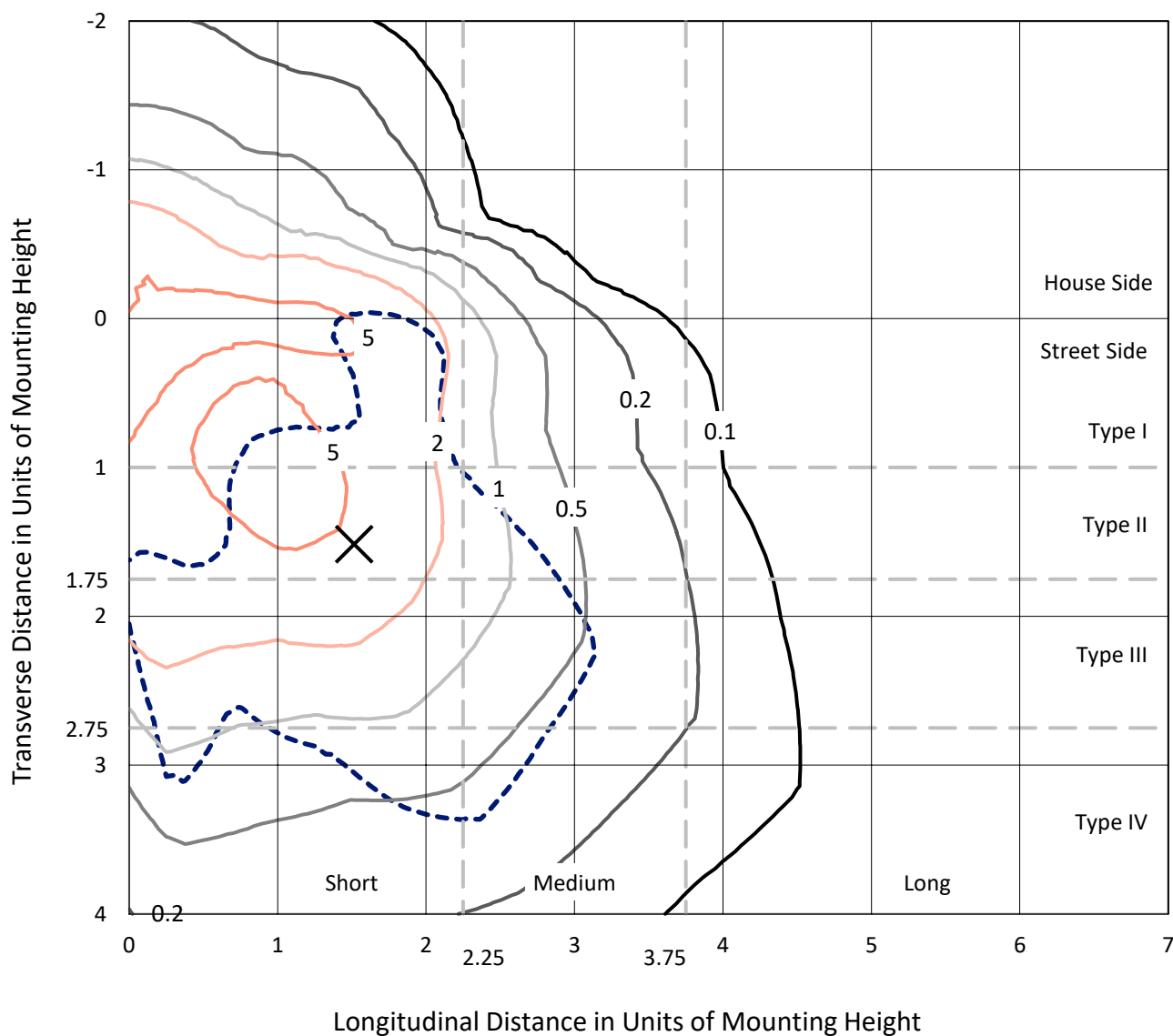


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## Iso-Footcandle Lines of Horizontal Illumination

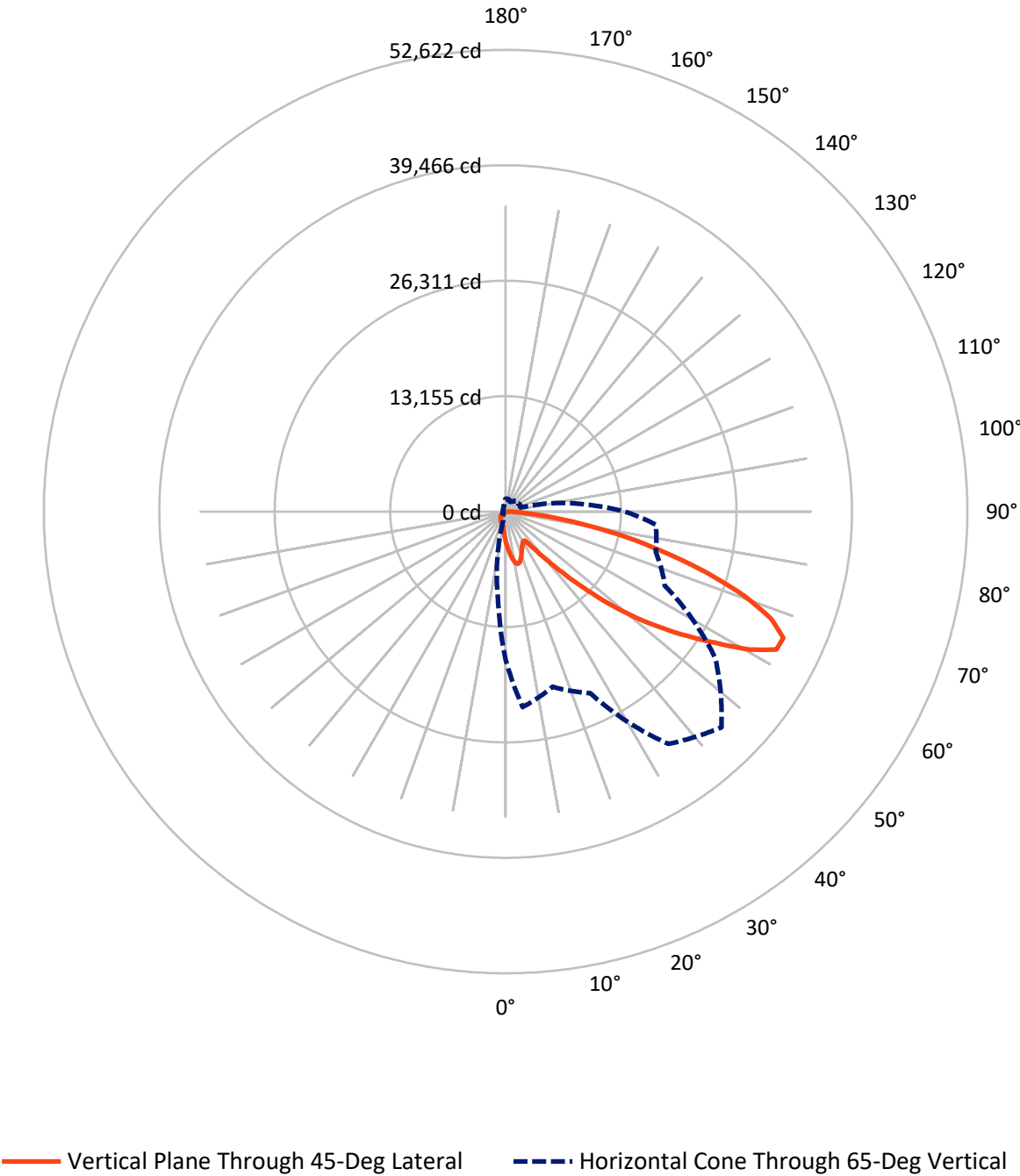
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9 fc  
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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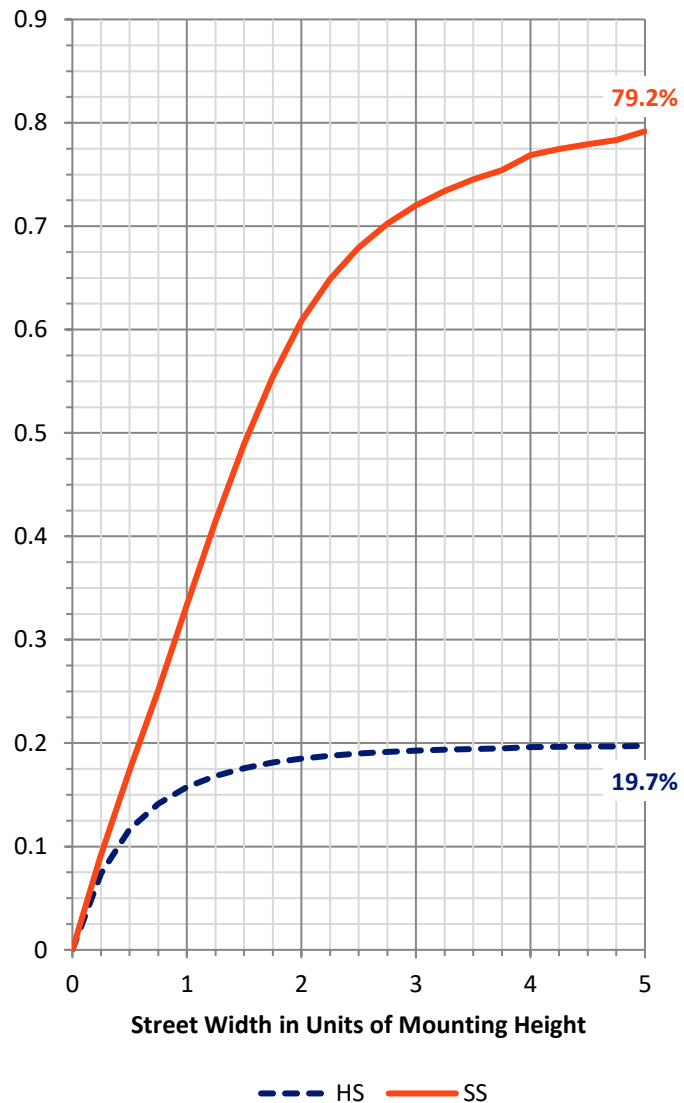
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4917.9   | 0.0    | 4917.9  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 19824.1  | 0.0    | 19824.1 |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 24742.0  | 0.0    | 24742.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 337.3   | 1.4       |
| 10°-20°   | 1011.1  | 4.1       |
| 20°-30°   | 1489.6  | 6.0       |
| 30°-40°   | 1913.7  | 7.7       |
| 40°-50°   | 3095.0  | 12.5      |
| 50°-60°   | 5427.5  | 21.9      |
| 60°-70°   | 6791.2  | 27.4      |
| 70°-80°   | 3968.5  | 16.0      |
| 80°-90°   | 708.0   | 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°    | 24742.0 | 100.0     |
| 0°-180°   | 24742.0 | 100.0     |

**Coefficient of Utilization**



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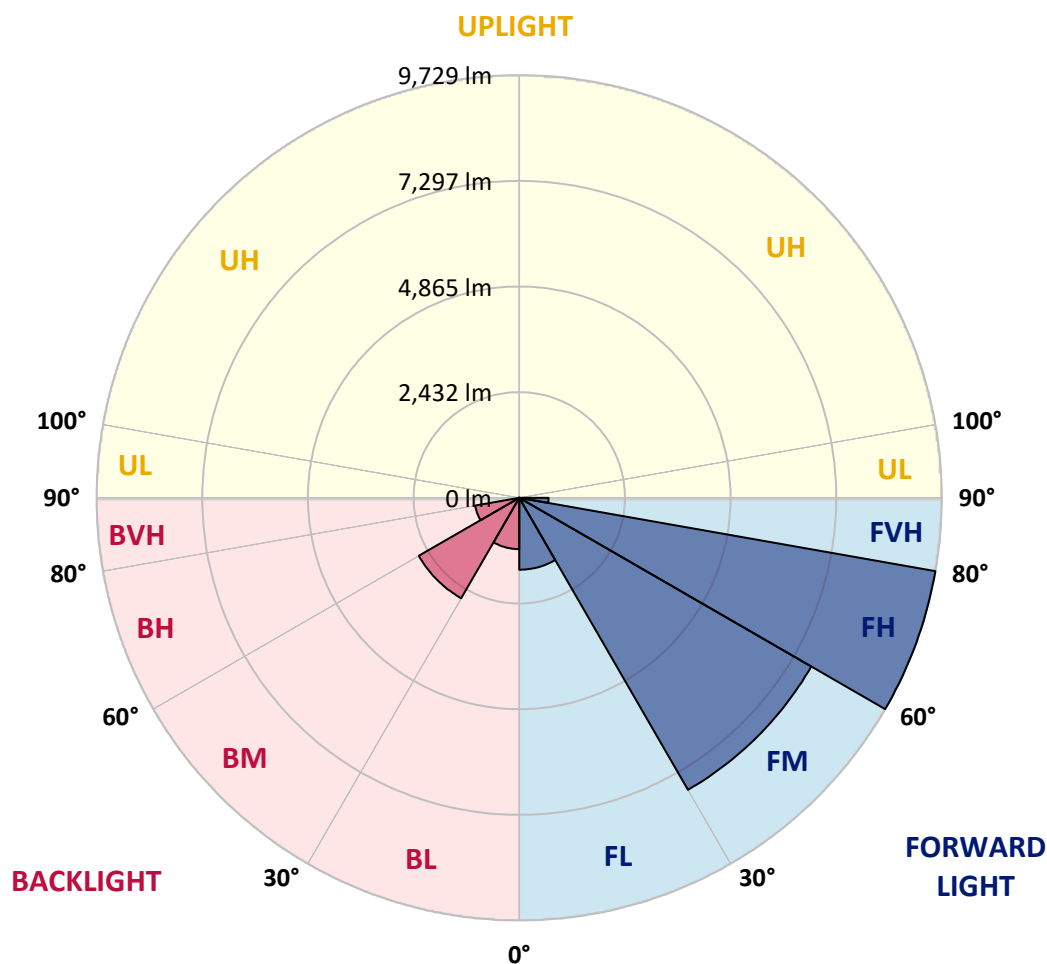
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1655.5 | 6.7       |                         |      |          |
| FM   | (30°-60°)   | 7764.3 | 31.4      |                         |      |          |
| FH   | (60°-80°)   | 9729.3 | 39.3      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 674.9  | 2.7       |                         |      | G4/750   |
| BL   | (0°-30°)    | 1182.5 | 4.8       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2671.9 | 10.8      | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1030.4 | 4.2       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 33.2   | 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-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3426.0  | 3426.0  | 3426.0  | 3426.0  | 3426.0  | 3426.0  | 3426.0  | 3426.0  | 3426.0  | 3426.0  |
| 2.5°  | 3838.5  | 3867.4  | 3932.2  | 3966.3  | 4019.1  | 4022.5  | 4022.5  | 3976.5  | 3974.8  | 3881.1  |
| 5°    | 4290.1  | 4358.3  | 4511.7  | 4670.2  | 4704.3  | 4712.8  | 4695.8  | 4603.8  | 4535.6  | 4353.2  |
| 7.5°  | 4738.4  | 4869.7  | 5103.2  | 5314.5  | 5382.7  | 5382.7  | 5341.8  | 5191.8  | 5052.0  | 4787.8  |
| 10°   | 5110.0  | 5275.3  | 5592.4  | 5829.3  | 5907.7  | 5890.6  | 5807.1  | 5617.9  | 5425.3  | 5104.9  |
| 12.5° | 5355.4  | 5541.2  | 5888.9  | 6079.8  | 6159.9  | 6115.6  | 6020.2  | 5836.1  | 5633.3  | 5295.8  |
| 15°   | 5478.2  | 5672.5  | 5974.2  | 6074.7  | 6052.6  | 6006.5  | 5994.6  | 5906.0  | 5752.6  | 5437.2  |
| 17.5° | 5531.0  | 5711.7  | 5921.3  | 5858.2  | 5670.8  | 5635.0  | 5754.3  | 5866.8  | 5829.3  | 5560.0  |
| 20°   | 5580.4  | 5732.1  | 5795.2  | 5515.6  | 5188.4  | 5156.0  | 5384.4  | 5704.8  | 5868.5  | 5674.2  |
| 22.5° | 5648.6  | 5742.3  | 5612.8  | 5154.3  | 4801.5  | 4726.5  | 4978.7  | 5461.1  | 5880.4  | 5819.0  |
| 25°   | 5742.3  | 5767.9  | 5411.7  | 4811.7  | 4457.2  | 4382.2  | 4617.4  | 5190.1  | 5860.0  | 5975.9  |
| 27.5° | 5854.8  | 5802.0  | 5219.1  | 4525.4  | 4182.8  | 4112.9  | 4348.1  | 4929.3  | 5802.0  | 6132.7  |
| 30°   | 6001.4  | 5846.3  | 5028.2  | 4303.8  | 3986.7  | 3935.6  | 4162.3  | 4704.3  | 5730.4  | 6332.1  |
| 32.5° | 6149.7  | 5865.1  | 4850.9  | 4174.2  | 3942.4  | 3961.2  | 4147.0  | 4583.3  | 5652.0  | 6523.0  |
| 35°   | 6309.9  | 5924.7  | 4764.0  | 4302.1  | 4312.3  | 4475.9  | 4552.6  | 4695.8  | 5640.1  | 6782.1  |
| 37.5° | 6528.1  | 6057.7  | 4868.0  | 4937.8  | 5292.4  | 5631.6  | 5568.5  | 5246.3  | 5778.1  | 7169.0  |
| 40°   | 6841.7  | 6291.2  | 5321.3  | 6020.2  | 6748.0  | 7298.5  | 7058.2  | 6246.9  | 6200.8  | 7726.3  |
| 42.5° | 7298.5  | 6662.8  | 6125.8  | 7342.8  | 8576.9  | 9483.6  | 8839.4  | 7537.1  | 6940.6  | 8522.3  |
| 45°   | 7973.5  | 7264.4  | 7099.1  | 8738.8  | 10831.9 | 12260.2 | 10920.5 | 8912.6  | 7976.9  | 9727.4  |
| 47.5° | 8909.2  | 8149.0  | 8011.0  | 10209.7 | 13572.7 | 15420.3 | 13228.4 | 10187.6 | 9156.4  | 11370.5 |
| 50°   | 10151.8 | 9340.5  | 8875.2  | 11818.8 | 16577.6 | 18641.7 | 15534.5 | 11418.2 | 10508.0 | 13378.3 |
| 52.5° | 11791.5 | 11002.3 | 9882.5  | 13351.1 | 19667.8 | 21795.0 | 17850.9 | 12498.8 | 12185.2 | 15708.4 |
| 55°   | 14027.7 | 13502.8 | 11259.7 | 14813.5 | 22756.3 | 24967.0 | 20076.9 | 13518.1 | 14401.0 | 18476.4 |
| 57.5° | 16802.6 | 17177.6 | 13245.4 | 16509.5 | 25532.9 | 28236.2 | 22313.2 | 14943.0 | 17278.2 | 21571.7 |
| 60°   | 18592.3 | 22064.3 | 17048.1 | 19016.7 | 28687.9 | 31933.2 | 25377.8 | 17653.1 | 20301.9 | 22681.3 |
| 62.5° | 18159.4 | 23618.8 | 21602.4 | 22217.7 | 31588.9 | 34621.1 | 28381.1 | 20375.2 | 20871.2 | 21046.7 |
| 65°   | 16831.6 | 22364.3 | 20673.5 | 22839.8 | 32323.5 | 34772.8 | 29183.9 | 20024.1 | 17704.3 | 17182.7 |
| 67.5° | 15004.4 | 20876.3 | 18466.2 | 21189.9 | 30995.7 | 32652.4 | 27689.0 | 17712.8 | 13681.7 | 12894.3 |
| 70°   | 13032.3 | 19229.8 | 17017.4 | 19338.9 | 28464.6 | 28957.2 | 25147.7 | 15578.8 | 10063.2 | 8708.1  |
| 72.5° | 11160.8 | 17515.1 | 16025.4 | 17441.8 | 25088.0 | 24068.8 | 21839.3 | 13692.0 | 7327.5  | 6281.0  |
| 75°   | 9246.7  | 14985.7 | 14612.4 | 15188.5 | 20647.9 | 18958.8 | 18145.7 | 11336.4 | 5750.9  | 4544.1  |
| 77.5° | 7134.9  | 11709.7 | 12568.7 | 12163.1 | 14534.0 | 14082.3 | 14065.2 | 8518.9  | 4201.5  | 3032.2  |
| 80°   | 4883.3  | 8161.0  | 9819.4  | 8580.3  | 9432.5  | 9202.4  | 10593.3 | 5715.1  | 3047.6  | 1825.5  |
| 82.5° | 2870.3  | 4968.5  | 6834.9  | 4153.8  | 5215.7  | 5353.7  | 6308.2  | 2780.0  | 1793.1  | 421.0   |
| 85°   | 1164.1  | 1961.8  | 2672.6  | 1626.1  | 2515.8  | 2122.1  | 2394.8  | 780.6   | 499.4   | 10.2    |
| 87.5° | 293.2   | 627.2   | 439.8   | 182.4   | 291.5   | 267.6   | 211.4   | 95.5    | 20.5    | 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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**CANDELA DISTRIBUTION (continued):**

| 90°     |       | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3426.0  | 0°    | 3426.0  | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 |
| 3870.8  | 2.5°  | 3804.4  | 3765.2 | 3668.0 | 3570.9 | 3492.4 | 3386.8 | 3316.9 | 3233.4 | 3153.3 | 3081.7 |
| 4314.0  | 5°    | 4206.6  | 4077.1 | 3899.8 | 3737.9 | 3572.6 | 3412.3 | 3253.8 | 3086.8 | 2933.4 | 2839.6 |
| 4689.0  | 7.5°  | 4533.9  | 4305.5 | 4070.3 | 3864.0 | 3664.6 | 3477.1 | 3267.5 | 3064.6 | 2824.3 | 2696.5 |
| 4975.3  | 10°   | 4777.6  | 4477.6 | 4169.1 | 3932.2 | 3731.1 | 3548.7 | 3371.4 | 3166.9 | 2877.1 | 2716.9 |
| 5149.2  | 12.5° | 4937.8  | 4581.6 | 4220.3 | 3949.2 | 3724.3 | 3582.8 | 3504.4 | 3424.3 | 3136.2 | 2948.7 |
| 5277.0  | 15°   | 5048.6  | 4654.9 | 4256.0 | 3910.0 | 3633.9 | 3529.9 | 3608.4 | 3700.4 | 3516.3 | 3299.8 |
| 5410.0  | 17.5° | 5169.6  | 4750.3 | 4271.4 | 3804.4 | 3458.4 | 3414.0 | 3616.9 | 3829.9 | 3821.4 | 3606.6 |
| 5536.1  | 20°   | 5297.5  | 4833.9 | 4261.2 | 3633.9 | 3245.3 | 3284.5 | 3543.6 | 3790.7 | 3894.7 | 3778.8 |
| 5681.0  | 22.5° | 5428.7  | 4914.0 | 4222.0 | 3412.3 | 3045.9 | 3168.6 | 3427.7 | 3644.1 | 3766.9 | 3731.1 |
| 5858.2  | 25°   | 5594.1  | 5026.5 | 4164.0 | 3173.7 | 2880.5 | 3051.0 | 3293.0 | 3468.6 | 3553.8 | 3552.1 |
| 6049.1  | 27.5° | 5791.8  | 5176.5 | 4133.3 | 2981.1 | 2762.9 | 2918.0 | 3132.8 | 3289.6 | 3349.3 | 3349.3 |
| 6286.1  | 30°   | 6021.9  | 5353.7 | 4099.2 | 2855.0 | 2694.8 | 2780.0 | 2947.0 | 3100.4 | 3160.1 | 3160.1 |
| 6545.1  | 32.5° | 6277.5  | 5524.2 | 4017.4 | 2778.3 | 2643.6 | 2645.3 | 2751.0 | 2890.8 | 2962.4 | 2972.6 |
| 6869.0  | 35°   | 6584.3  | 5706.5 | 3838.5 | 2716.9 | 2584.0 | 2514.1 | 2565.2 | 2681.1 | 2766.3 | 2788.5 |
| 7330.9  | 37.5° | 6986.6  | 5929.8 | 3582.8 | 2626.6 | 2491.9 | 2376.0 | 2388.0 | 2476.6 | 2570.3 | 2604.4 |
| 7968.4  | 40°   | 7526.9  | 6192.3 | 3316.9 | 2497.0 | 2362.4 | 2224.3 | 2219.2 | 2284.0 | 2376.0 | 2413.5 |
| 8830.8  | 42.5° | 8241.1  | 6507.6 | 3062.9 | 2372.6 | 2205.6 | 2064.1 | 2055.6 | 2106.7 | 2186.8 | 2226.0 |
| 9969.4  | 45°   | 9154.7  | 6894.6 | 2844.8 | 2275.5 | 2052.2 | 1912.4 | 1909.0 | 1951.6 | 2021.5 | 2062.4 |
| 11426.7 | 47.5° | 10424.5 | 7281.5 | 2696.5 | 2224.3 | 1931.2 | 1788.0 | 1794.8 | 1832.3 | 1895.4 | 1924.3 |
| 13313.6 | 50°   | 12079.5 | 7399.1 | 2621.5 | 2224.3 | 1866.4 | 1677.2 | 1711.3 | 1742.0 | 1789.7 | 1806.7 |
| 15575.4 | 52.5° | 13668.1 | 7010.5 | 2553.3 | 2238.0 | 1874.9 | 1583.4 | 1656.7 | 1678.9 | 1719.8 | 1726.6 |
| 17671.9 | 55°   | 14447.0 | 6027.0 | 2459.5 | 2241.4 | 1927.8 | 1503.3 | 1612.4 | 1653.3 | 1668.7 | 1667.0 |
| 18888.9 | 57.5° | 14179.4 | 4873.1 | 2301.0 | 2227.7 | 1963.5 | 1452.2 | 1557.9 | 1636.3 | 1646.5 | 1631.2 |
| 18657.1 | 60°   | 13240.3 | 3587.9 | 2180.0 | 2127.2 | 1949.9 | 1436.9 | 1474.4 | 1598.8 | 1614.1 | 1593.7 |
| 16870.8 | 62.5° | 11665.4 | 2490.2 | 2086.3 | 1905.6 | 1890.3 | 1431.8 | 1343.1 | 1517.0 | 1554.5 | 1525.5 |
| 13560.7 | 65°   | 9183.7  | 1759.0 | 1796.5 | 1670.4 | 1760.7 | 1404.5 | 1206.8 | 1418.1 | 1469.2 | 1424.9 |
| 9838.2  | 67.5° | 6214.5  | 1269.8 | 1455.6 | 1513.6 | 1551.1 | 1343.1 | 1107.9 | 1305.6 | 1373.8 | 1315.8 |
| 6313.3  | 70°   | 3356.1  | 891.4  | 961.3  | 1274.9 | 1317.6 | 1237.4 | 1019.3 | 1191.4 | 1269.8 | 1206.8 |
| 4487.9  | 72.5° | 1982.3  | 640.9  | 673.3  | 1024.4 | 1097.7 | 1089.2 | 920.4  | 1058.5 | 1153.9 | 1078.9 |
| 3097.0  | 75°   | 1092.6  | 432.9  | 480.7  | 743.1  | 891.4  | 840.3  | 790.9  | 896.5  | 993.7  | 920.4  |
| 1941.4  | 77.5° | 489.2   | 259.1  | 334.1  | 487.5  | 700.5  | 576.1  | 611.9  | 698.8  | 789.2  | 712.5  |
| 1080.6  | 80°   | 189.2   | 144.9  | 221.6  | 265.9  | 509.6  | 318.7  | 393.7  | 514.7  | 579.5  | 518.2  |
| 235.2   | 82.5° | 23.9    | 64.8   | 95.5   | 104.0  | 296.6  | 168.7  | 228.4  | 323.8  | 318.7  | 276.1  |
| 0.0     | 85°   | 0.0     | 11.9   | 13.6   | 6.8    | 127.8  | 61.4   | 75.0   | 105.7  | 98.9   | 75.0   |
| 0.0     | 87.5° | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    | 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    |



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**CANDELA DISTRIBUTION (continued):**

| 185°   |       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3426.0 | 0°    | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 |
| 3068.0 | 2.5°  | 2984.5 | 2923.2 | 2892.5 | 2866.9 | 2890.8 | 2904.4 | 2904.4 | 2962.4 | 2996.5 | 3010.1 |
| 2780.0 | 5°    | 2630.0 | 2515.8 | 2439.1 | 2393.1 | 2408.4 | 2425.5 | 2444.2 | 2517.5 | 2566.9 | 2599.3 |
| 2580.6 | 7.5°  | 2350.5 | 2176.6 | 2069.2 | 2013.0 | 2021.5 | 2033.4 | 2048.8 | 2120.4 | 2169.8 | 2212.4 |
| 2543.1 | 10°   | 2212.4 | 1967.0 | 1825.5 | 1757.3 | 1745.4 | 1738.6 | 1733.4 | 1776.1 | 1813.6 | 1847.6 |
| 2696.5 | 12.5° | 2219.2 | 1876.6 | 1704.5 | 1620.9 | 1585.2 | 1544.2 | 1511.9 | 1518.7 | 1542.5 | 1585.2 |
| 2970.9 | 15°   | 2306.1 | 1847.6 | 1641.4 | 1537.4 | 1477.8 | 1430.0 | 1390.8 | 1382.3 | 1390.8 | 1397.7 |
| 3284.5 | 17.5° | 2423.7 | 1844.2 | 1586.9 | 1457.3 | 1396.0 | 1356.8 | 1321.0 | 1309.0 | 1310.7 | 1319.3 |
| 3492.4 | 20°   | 2517.5 | 1834.0 | 1525.5 | 1380.6 | 1326.1 | 1292.0 | 1256.2 | 1244.3 | 1247.7 | 1249.4 |
| 3512.9 | 22.5° | 2566.9 | 1818.7 | 1457.3 | 1303.9 | 1257.9 | 1223.8 | 1191.4 | 1189.7 | 1189.7 | 1199.9 |
| 3402.1 | 25°   | 2566.9 | 1786.3 | 1396.0 | 1230.6 | 1189.7 | 1159.0 | 1119.8 | 1126.7 | 1130.1 | 1143.7 |
| 3230.0 | 27.5° | 2505.6 | 1724.9 | 1346.5 | 1167.6 | 1124.9 | 1094.3 | 1058.5 | 1067.0 | 1072.1 | 1087.4 |
| 3059.5 | 30°   | 2427.2 | 1651.6 | 1290.3 | 1107.9 | 1058.5 | 1036.3 | 1005.6 | 1009.0 | 1015.9 | 1032.9 |
| 2901.0 | 32.5° | 2343.6 | 1564.7 | 1244.3 | 1048.2 | 998.8  | 981.8  | 947.7  | 952.8  | 959.6  | 978.4  |
| 2744.2 | 35°   | 2251.6 | 1462.4 | 1189.7 | 993.7  | 944.3  | 930.6  | 891.4  | 894.8  | 905.1  | 925.5  |
| 2575.4 | 37.5° | 2154.4 | 1378.9 | 1135.2 | 940.9  | 889.7  | 876.1  | 835.2  | 838.6  | 850.5  | 874.4  |
| 2398.2 | 40°   | 2059.0 | 1297.1 | 1077.2 | 884.6  | 833.5  | 821.6  | 777.2  | 780.6  | 794.3  | 819.8  |
| 2219.2 | 42.5° | 1955.0 | 1234.0 | 1002.2 | 826.7  | 772.1  | 760.2  | 719.3  | 724.4  | 739.7  | 765.3  |
| 2053.9 | 45°   | 1830.6 | 1193.1 | 918.7  | 772.1  | 710.8  | 698.8  | 661.3  | 671.6  | 688.6  | 714.2  |
| 1912.4 | 47.5° | 1702.8 | 1176.1 | 848.8  | 714.2  | 647.7  | 637.5  | 606.8  | 623.8  | 642.6  | 663.0  |
| 1791.4 | 50°   | 1580.0 | 1153.9 | 777.2  | 659.6  | 593.2  | 582.9  | 562.5  | 584.6  | 603.4  | 622.1  |
| 1704.5 | 52.5° | 1440.3 | 1106.2 | 712.5  | 611.9  | 547.1  | 543.7  | 533.5  | 554.0  | 571.0  | 588.0  |
| 1629.5 | 55°   | 1295.4 | 1029.5 | 656.2  | 569.3  | 507.9  | 511.3  | 506.2  | 523.3  | 536.9  | 552.2  |
| 1561.3 | 57.5° | 1169.3 | 932.3  | 611.9  | 523.3  | 473.8  | 484.1  | 477.3  | 485.8  | 494.3  | 513.0  |
| 1479.5 | 60°   | 1041.4 | 816.4  | 562.5  | 468.7  | 439.8  | 451.7  | 432.9  | 431.2  | 434.6  | 439.8  |
| 1358.5 | 62.5° | 869.3  | 695.4  | 501.1  | 421.0  | 402.3  | 407.4  | 371.6  | 344.3  | 344.3  | 349.4  |
| 1189.7 | 65°   | 698.8  | 582.9  | 432.9  | 366.5  | 351.1  | 347.7  | 296.6  | 259.1  | 255.7  | 271.0  |
| 993.7  | 67.5° | 574.4  | 484.1  | 364.8  | 305.1  | 294.9  | 298.3  | 260.8  | 223.3  | 219.9  | 236.9  |
| 809.6  | 70°   | 475.5  | 390.3  | 291.5  | 235.2  | 245.4  | 260.8  | 223.3  | 187.5  | 182.4  | 197.7  |
| 657.9  | 72.5° | 378.4  | 305.1  | 223.3  | 173.9  | 202.8  | 221.6  | 182.4  | 148.3  | 144.9  | 158.5  |
| 507.9  | 75°   | 277.8  | 218.2  | 151.7  | 126.1  | 156.8  | 173.9  | 132.9  | 105.7  | 100.6  | 112.5  |
| 339.2  | 77.5° | 172.2  | 122.7  | 95.5   | 75.0   | 107.4  | 115.9  | 69.9   | 61.4   | 59.7   | 68.2   |
| 206.2  | 80°   | 80.1   | 52.8   | 46.0   | 25.6   | 39.2   | 46.0   | 29.0   | 32.4   | 34.1   | 40.9   |
| 104.0  | 82.5° | 22.2   | 8.5    | 1.7    | 0.0    | 0.0    | 13.6   | 6.8    | 13.6   | 17.0   | 25.6   |
| 8.5    | 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    | 8.5    | 15.3   |
| 0.0    | 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 6.8    |
| 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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**CANDELA DISTRIBUTION (continued):**

| 285°   |       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 3426.0 | 0°    | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0 | 3426.0  | 3426.0  |
| 3105.5 | 2.5°  | 3177.1 | 3245.3 | 3354.4 | 3466.9 | 3577.7 | 3690.2 | 3799.3  | 3838.5  |
| 2747.6 | 5°    | 2882.3 | 3039.1 | 3255.5 | 3487.3 | 3726.0 | 3968.0 | 4189.6  | 4290.1  |
| 2377.7 | 7.5°  | 2553.3 | 2778.3 | 3103.8 | 3466.9 | 3847.0 | 4227.1 | 4576.5  | 4738.4  |
| 2011.3 | 10°   | 2202.2 | 2486.8 | 2858.4 | 3349.3 | 3894.7 | 4419.7 | 4900.3  | 5110.0  |
| 1689.1 | 12.5° | 1868.1 | 2166.4 | 2577.2 | 3165.2 | 3857.2 | 4530.5 | 5108.3  | 5355.4  |
| 1462.4 | 15°   | 1588.6 | 1852.8 | 2295.9 | 2947.0 | 3736.2 | 4537.3 | 5207.1  | 5478.2  |
| 1336.3 | 17.5° | 1378.9 | 1551.1 | 2009.6 | 2705.0 | 3577.7 | 4474.2 | 5241.2  | 5531.0  |
| 1268.1 | 20°   | 1274.9 | 1322.7 | 1638.0 | 2394.8 | 3429.4 | 4414.6 | 5275.3  | 5580.4  |
| 1213.6 | 22.5° | 1213.6 | 1225.5 | 1339.7 | 1994.2 | 3252.1 | 4395.8 | 5335.0  | 5648.6  |
| 1164.1 | 25°   | 1164.1 | 1167.6 | 1198.2 | 1580.0 | 2981.1 | 4383.9 | 5427.0  | 5742.3  |
| 1113.0 | 27.5° | 1114.7 | 1114.7 | 1131.8 | 1273.2 | 2612.9 | 4332.8 | 5546.3  | 5854.8  |
| 1061.9 | 30°   | 1065.3 | 1065.3 | 1077.2 | 1126.7 | 2181.7 | 4232.2 | 5689.5  | 6001.4  |
| 1010.7 | 32.5° | 1014.2 | 1014.2 | 1024.4 | 1060.2 | 1742.0 | 4106.1 | 5820.7  | 6149.7  |
| 957.9  | 35°   | 963.0  | 959.6  | 973.2  | 1010.7 | 1385.7 | 3945.8 | 5952.0  | 6309.9  |
| 905.1  | 37.5° | 908.5  | 906.8  | 920.4  | 963.0  | 1196.5 | 3760.1 | 6050.9  | 6528.1  |
| 852.2  | 40°   | 850.5  | 850.5  | 865.9  | 911.9  | 1142.0 | 3526.5 | 6207.7  | 6841.7  |
| 797.7  | 42.5° | 797.7  | 794.3  | 811.3  | 867.6  | 1101.1 | 3303.3 | 6488.9  | 7298.5  |
| 748.3  | 45°   | 746.6  | 739.7  | 755.1  | 825.0  | 1029.5 | 3224.8 | 7013.9  | 7973.5  |
| 700.5  | 47.5° | 698.8  | 681.8  | 695.4  | 773.8  | 964.7  | 3518.0 | 7872.9  | 8909.2  |
| 657.9  | 50°   | 659.6  | 627.2  | 639.2  | 722.7  | 915.3  | 4153.8 | 8987.6  | 10151.8 |
| 618.7  | 52.5° | 618.7  | 576.1  | 582.9  | 659.6  | 871.0  | 4758.9 | 10196.1 | 11791.5 |
| 579.5  | 55°   | 576.1  | 528.4  | 531.8  | 596.6  | 807.9  | 4849.2 | 11375.6 | 14027.7 |
| 535.2  | 57.5° | 528.4  | 484.1  | 484.1  | 538.6  | 761.9  | 4203.2 | 12282.4 | 16802.6 |
| 480.7  | 60°   | 475.5  | 446.6  | 438.0  | 492.6  | 802.8  | 2965.8 | 12388.1 | 18592.3 |
| 410.8  | 62.5° | 417.6  | 402.3  | 390.3  | 448.3  | 833.5  | 1757.3 | 11537.5 | 18159.4 |
| 323.8  | 65°   | 351.1  | 347.7  | 339.2  | 492.6  | 702.2  | 1038.0 | 9904.6  | 16831.6 |
| 276.1  | 67.5° | 294.9  | 289.8  | 289.8  | 516.5  | 533.5  | 652.8  | 7738.3  | 15004.4 |
| 235.2  | 70°   | 254.0  | 235.2  | 235.2  | 390.3  | 323.8  | 451.7  | 5403.2  | 13032.3 |
| 194.3  | 72.5° | 213.1  | 192.6  | 179.0  | 311.9  | 242.0  | 330.7  | 3376.5  | 11160.8 |
| 148.3  | 75°   | 170.4  | 155.1  | 138.1  | 206.2  | 180.7  | 250.6  | 1961.8  | 9246.7  |
| 93.7   | 77.5° | 122.7  | 115.9  | 97.2   | 151.7  | 131.2  | 180.7  | 1167.6  | 7134.9  |
| 58.0   | 80°   | 63.1   | 64.8   | 61.4   | 86.9   | 88.6   | 122.7  | 664.7   | 4883.3  |
| 37.5   | 82.5° | 37.5   | 29.0   | 32.4   | 42.6   | 51.1   | 69.9   | 250.6   | 2870.3  |
| 27.3   | 85°   | 23.9   | 15.3   | 15.3   | 20.5   | 25.6   | 27.3   | 76.7    | 1164.1  |
| 13.6   | 87.5° | 11.9   | 5.1    | 6.8    | 10.2   | 8.5    | 6.8    | 3.4     | 293.2   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

(END OF REPORT)