

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: P324222

Luminaire Tested: **GAN-SA8D-750-U-SLL-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P324222  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAN-SA8D-750-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 5000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 46101 lumens  
Efficiency: N/A  
Efficacy: 90.2 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

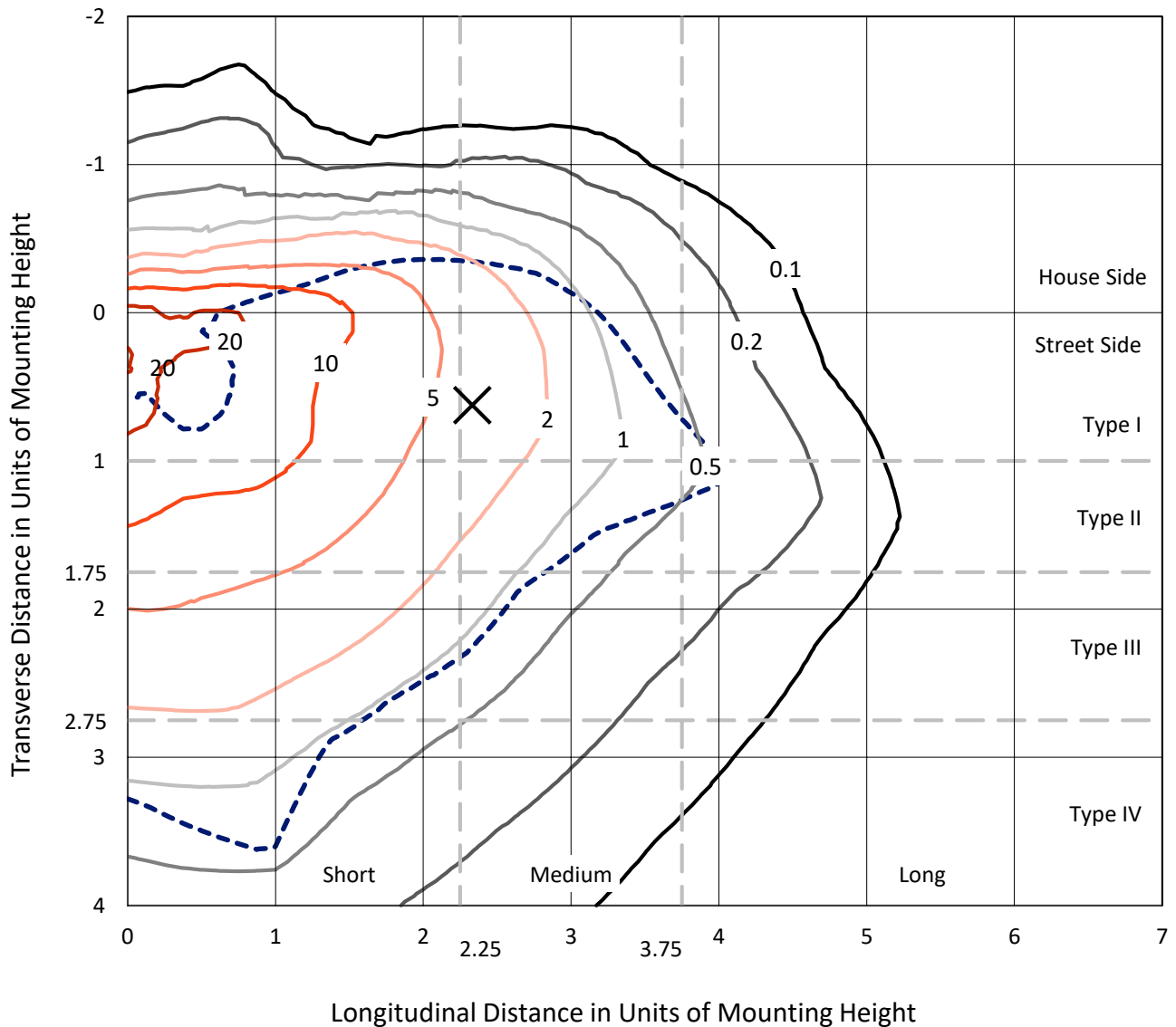
Input Watts (W): 511  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

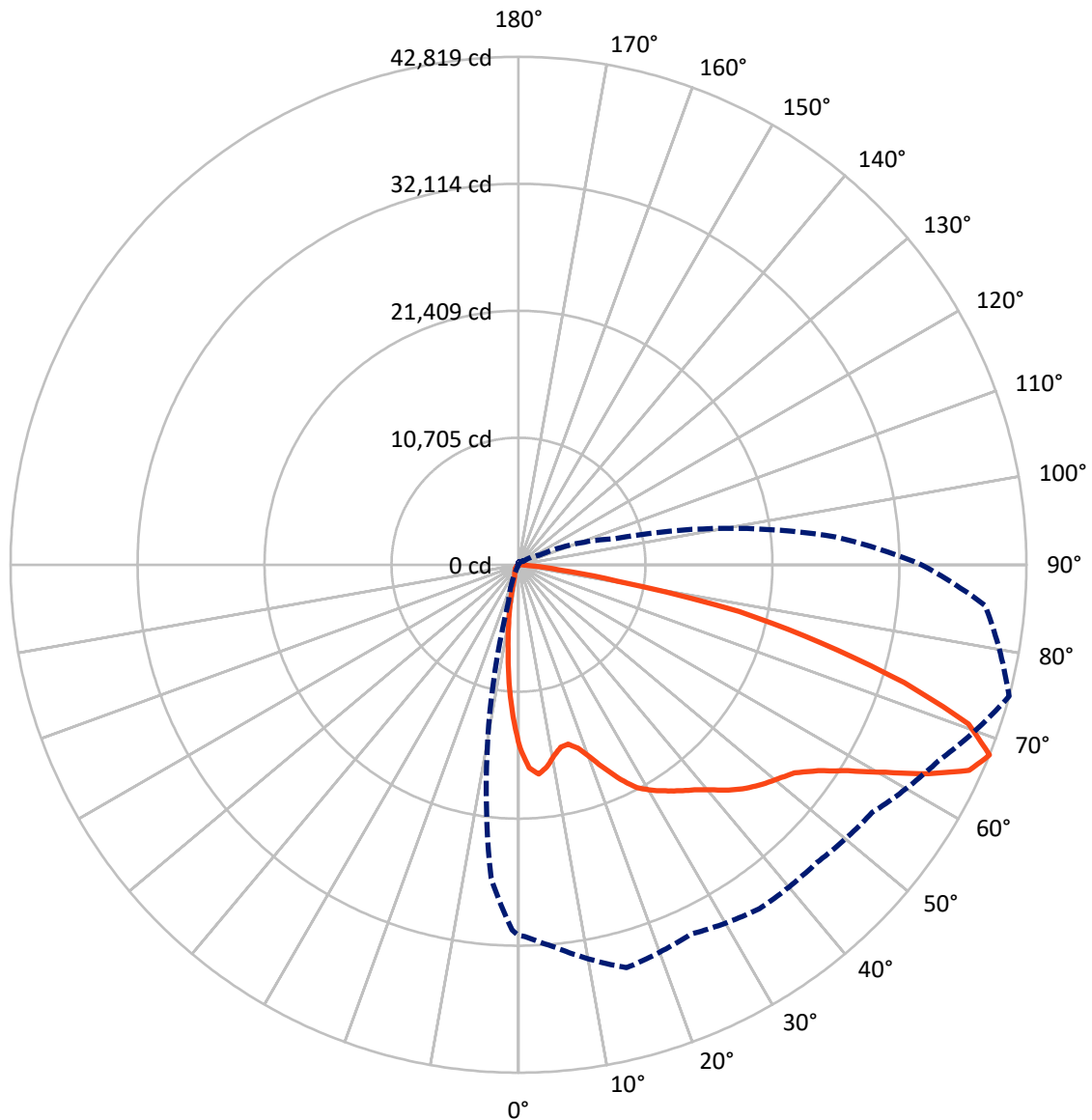
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 32.1 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical



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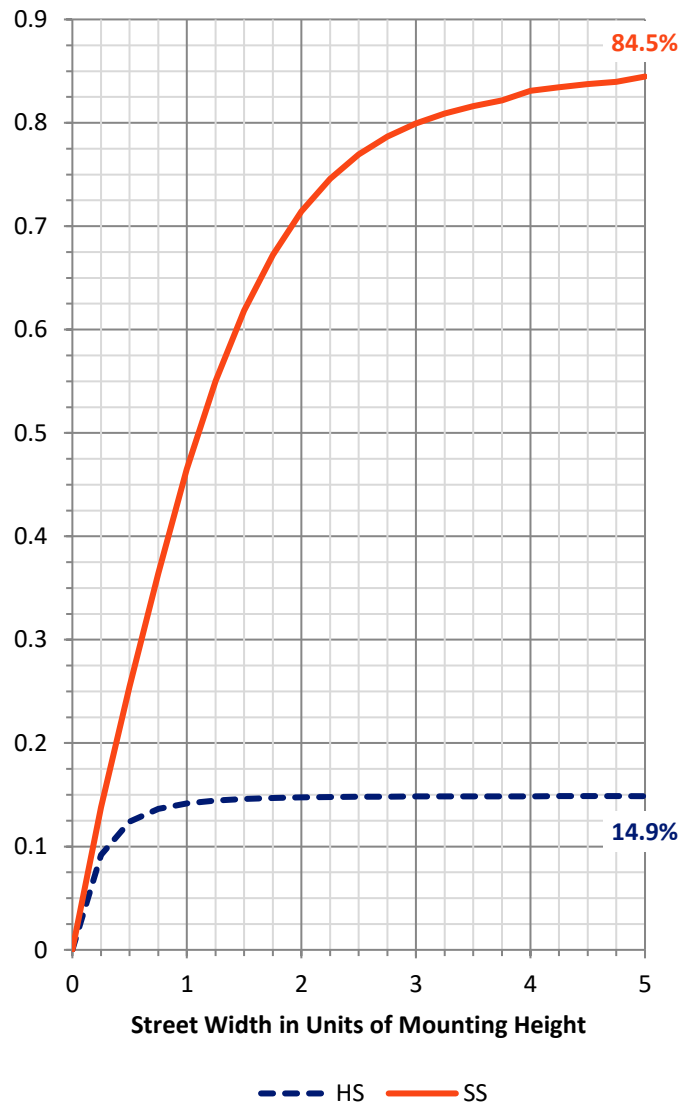
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6917.9   | 0.0    | 6917.9  |
|                    | % Fixture | 15.0     | 0.0    | 15.0    |
| <b>Street Side</b> | Lumens    | 39183.1  | 0.0    | 39183.1 |
|                    | % Fixture | 85.0     | 0.0    | 85.0    |
| <b>Total</b>       | Lumens    | 46101.0  | 0.0    | 46101.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1173.2  | 2.5       |
| 10°-20°   | 2310.0  | 5.0       |
| 20°-30°   | 3268.0  | 7.1       |
| 30°-40°   | 4804.9  | 10.4      |
| 40°-50°   | 6906.2  | 15.0      |
| 50°-60°   | 9722.1  | 21.1      |
| 60°-70°   | 11354.5 | 24.6      |
| 70°-80°   | 5792.7  | 12.6      |
| 80°-90°   | 769.5   | 1.7       |
| 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°    | 46101.0 | 100.0     |
| 0°-180°   | 46101.0 | 100.0     |

**Coefficient of Utilization**

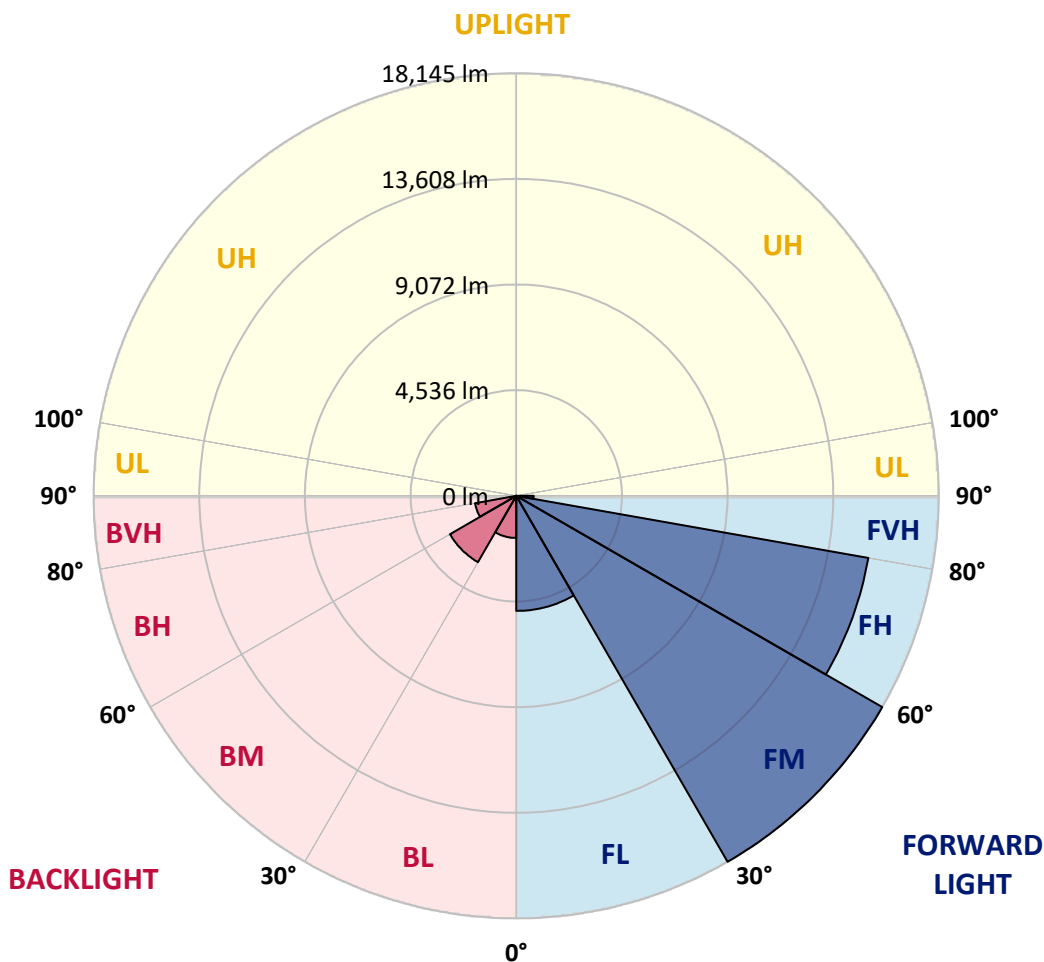


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 4942.0  | 10.7      |                         |      |         |
| FM (30°-60°)   | 18144.5 | 39.4      |                         |      |         |
| FH (60°-80°)   | 15350.3 | 33.3      |                         |      | G5      |
| FVH (80°-90°)  | 746.2   | 1.6       |                         |      | G4/750  |
| BL (0°-30°)    | 1809.1  | 3.9       | B3/2500                 |      |         |
| BM (30°-60°)   | 3288.6  | 7.1       | B3/5000                 |      |         |
| BH (60°-80°)   | 1796.9  | 3.9       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 23.3    | 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 III Medium





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 |
| 2.5°  | 16765.5 | 16791.7 | 16927.1 | 17241.6 | 17584.4 | 17610.6 | 17842.1 | 17604.1 | 17523.3 | 17138.9 | 16741.5 |
| 5°    | 16892.2 | 16992.6 | 17457.8 | 18381.6 | 19183.0 | 19440.7 | 19624.2 | 19156.8 | 18665.5 | 17726.4 | 16724.0 |
| 7.5°  | 15872.3 | 16040.5 | 16772.0 | 18506.0 | 19938.6 | 20572.0 | 20692.1 | 19960.5 | 18757.2 | 17211.0 | 15704.1 |
| 10°   | 14566.3 | 14758.5 | 15640.8 | 17772.3 | 19739.9 | 20825.3 | 20991.3 | 20032.5 | 18302.9 | 16376.8 | 14601.3 |
| 12.5° | 13509.4 | 13734.3 | 14636.2 | 16946.8 | 19056.4 | 20257.5 | 20585.1 | 19790.1 | 17909.8 | 15784.9 | 13847.9 |
| 15°   | 13022.4 | 13280.1 | 14227.8 | 16413.9 | 18298.6 | 19244.2 | 19515.0 | 19172.1 | 17691.5 | 15691.0 | 13673.1 |
| 17.5° | 13301.9 | 13581.4 | 14559.8 | 16459.8 | 17586.6 | 17990.6 | 18209.0 | 18348.8 | 17691.5 | 16256.7 | 14184.2 |
| 20°   | 14448.4 | 14749.8 | 15784.9 | 16924.9 | 16997.0 | 16846.3 | 17080.0 | 17571.3 | 17896.7 | 17331.1 | 15411.5 |
| 22.5° | 16033.9 | 16387.7 | 17556.1 | 17722.0 | 16708.7 | 16138.7 | 16169.3 | 16940.2 | 18270.2 | 18693.8 | 17114.9 |
| 25°   | 17966.6 | 18399.0 | 19587.0 | 18910.0 | 16828.8 | 15717.2 | 15706.3 | 16420.4 | 18634.9 | 20058.8 | 19012.7 |
| 27.5° | 19886.2 | 20362.3 | 21406.2 | 20360.1 | 17324.6 | 15640.8 | 15619.0 | 16263.2 | 18990.8 | 21273.0 | 21085.2 |
| 30°   | 21495.7 | 21958.7 | 22858.5 | 21410.6 | 17859.6 | 15819.9 | 15715.1 | 16431.4 | 19202.7 | 22061.4 | 22596.4 |
| 32.5° | 22806.1 | 23177.3 | 23904.5 | 22133.4 | 18431.8 | 16167.1 | 15940.0 | 16881.2 | 19563.0 | 22727.4 | 23985.3 |
| 35°   | 24247.4 | 24638.3 | 24928.8 | 22821.3 | 19073.8 | 16667.2 | 16341.8 | 17595.4 | 20117.7 | 23404.4 | 25507.5 |
| 37.5° | 25891.8 | 26280.6 | 26245.6 | 23450.3 | 19888.4 | 17494.9 | 17287.4 | 18726.6 | 20980.3 | 24074.9 | 27206.5 |
| 40°   | 27501.3 | 27898.8 | 27614.9 | 24138.2 | 20844.9 | 18859.8 | 18706.9 | 20425.6 | 22135.6 | 24933.1 | 29198.2 |
| 42.5° | 29008.2 | 29438.4 | 28831.3 | 24789.0 | 21984.9 | 20580.7 | 20842.8 | 22613.9 | 23581.3 | 25990.1 | 30914.7 |
| 45°   | 30222.4 | 30661.4 | 29851.2 | 25422.3 | 23186.0 | 22668.5 | 23456.8 | 25038.0 | 25319.7 | 26883.3 | 32074.4 |
| 47.5° | 31104.7 | 31519.7 | 30558.8 | 26055.6 | 24723.5 | 25221.4 | 26595.0 | 27580.0 | 26889.9 | 27658.6 | 32897.7 |
| 50°   | 31668.2 | 31991.4 | 30766.2 | 26848.4 | 26741.4 | 28200.2 | 29864.3 | 30344.7 | 28368.3 | 28357.4 | 33897.9 |
| 52.5° | 32026.3 | 32172.6 | 30919.1 | 27676.1 | 28846.6 | 31443.2 | 33065.8 | 33216.5 | 29890.5 | 29126.1 | 35245.3 |
| 55°   | 33260.2 | 33378.1 | 32002.3 | 28678.5 | 30587.1 | 34284.4 | 35961.6 | 35821.9 | 31613.6 | 30630.8 | 36835.2 |
| 57.5° | 35365.4 | 35489.9 | 34240.7 | 30119.8 | 31995.7 | 36040.2 | 38060.3 | 38311.5 | 33633.6 | 32744.8 | 38538.6 |
| 60°   | 36422.4 | 36653.9 | 36208.4 | 31945.5 | 33360.6 | 37162.7 | 39490.7 | 40292.2 | 36158.2 | 35531.4 | 40189.6 |
| 62.5° | 35463.7 | 35800.0 | 36446.4 | 33969.9 | 34716.8 | 37780.8 | 39936.2 | 41002.0 | 38743.9 | 38778.8 | 41207.3 |
| 65°   | 33550.6 | 33819.3 | 34915.6 | 35079.3 | 35503.0 | 37704.3 | 38835.6 | 40010.5 | 40327.2 | 41762.0 | 41152.7 |
| 67.5° | 31240.1 | 31340.6 | 32270.9 | 35166.7 | 34363.0 | 35406.9 | 35529.2 | 36398.4 | 39075.8 | 42818.9 | 39499.5 |
| 70°   | 27914.1 | 27968.7 | 28781.1 | 32242.5 | 29530.2 | 29759.5 | 29578.2 | 29755.1 | 33594.3 | 40244.2 | 35326.1 |
| 72.5° | 22465.4 | 22603.0 | 23758.2 | 26776.3 | 21513.2 | 20851.5 | 22275.4 | 22196.8 | 25872.2 | 34000.5 | 26236.9 |
| 75°   | 16540.6 | 16778.6 | 18523.5 | 21567.8 | 15099.2 | 13657.9 | 14697.4 | 14974.7 | 18392.5 | 26300.2 | 16407.3 |
| 77.5° | 11581.0 | 11757.9 | 13448.2 | 15854.8 | 10928.0 | 9766.2  | 9390.6  | 9720.4  | 12140.1 | 19025.8 | 8265.9  |
| 80°   | 6671.7  | 6737.2  | 7816.0  | 9154.7  | 7364.0  | 8425.3  | 7632.6  | 7859.7  | 7274.4  | 8464.6  | 3555.3  |
| 82.5° | 4365.5  | 4376.5  | 4797.9  | 5448.7  | 4586.1  | 5328.6  | 3944.1  | 5042.5  | 4474.7  | 3400.3  | 1157.4  |
| 85°   | 2358.6  | 2371.7  | 2782.2  | 3867.6  | 2596.6  | 1467.6  | 862.6   | 1771.1  | 2767.0  | 779.6   | 316.7   |
| 87.5° | 259.9   | 238.0   | 838.6   | 1406.4  | 720.7   | 133.2   | 45.9    | 198.7   | 443.3   | 50.2    | 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     |



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**CANDELA DISTRIBUTION (continued):**

|       | 90°     | 95°     | 105°    | 115°    | 125°    | 135°    | 145°    | 155°    | 165°    | 175°    | 180°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 |
| 2.5°  | 16538.4 | 16357.1 | 15905.1 | 15426.8 | 15042.4 | 14682.1 | 14319.6 | 13876.2 | 13533.4 | 13463.5 | 13349.9 |
| 5°    | 16184.6 | 15610.2 | 14662.4 | 13710.3 | 12943.7 | 11976.3 | 11362.6 | 10884.4 | 10417.0 | 10388.6 | 10294.7 |
| 7.5°  | 14948.5 | 14192.9 | 12858.6 | 11541.7 | 10462.9 | 9541.3  | 8611.0  | 7988.6  | 7499.4  | 7326.9  | 7224.2  |
| 10°   | 13760.5 | 12911.0 | 11244.7 | 9742.2  | 8779.1  | 7964.5  | 7309.4  | 6658.6  | 6068.9  | 5662.7  | 5479.3  |
| 12.5° | 12930.6 | 11991.6 | 10154.9 | 8859.9  | 8169.8  | 7396.7  | 6597.4  | 5785.0  | 5105.9  | 4616.7  | 4317.5  |
| 15°   | 12609.6 | 11607.2 | 9790.2  | 8510.5  | 7658.8  | 6680.4  | 5658.4  | 4730.2  | 3976.8  | 3533.5  | 3264.9  |
| 17.5° | 12991.8 | 11825.6 | 9761.9  | 8084.6  | 6894.4  | 5678.0  | 4549.0  | 3452.7  | 2742.9  | 2406.6  | 2234.1  |
| 20°   | 13961.4 | 12520.1 | 9750.9  | 7562.7  | 5986.0  | 4490.0  | 3081.4  | 2271.2  | 1841.0  | 1653.2  | 1572.4  |
| 22.5° | 15332.9 | 13406.7 | 9838.3  | 7047.3  | 5040.3  | 3208.1  | 2127.1  | 1668.5  | 1447.9  | 1347.4  | 1301.6  |
| 25°   | 17097.4 | 14651.5 | 10085.1 | 6580.0  | 4151.5  | 2393.5  | 1657.5  | 1397.7  | 1242.6  | 1164.0  | 1131.2  |
| 27.5° | 18977.7 | 16084.1 | 10469.4 | 6173.8  | 3428.7  | 1908.7  | 1419.5  | 1196.8  | 1085.4  | 1030.8  | 1000.2  |
| 30°   | 20528.3 | 17743.9 | 10858.2 | 5721.7  | 2904.5  | 1664.1  | 1299.4  | 1091.9  | 963.1   | 928.1   | 899.8   |
| 32.5° | 21884.5 | 18999.6 | 11133.3 | 5313.3  | 2561.7  | 1478.5  | 1174.9  | 976.2   | 888.8   | 821.1   | 790.6   |
| 35°   | 23288.7 | 20045.7 | 11124.6 | 5027.2  | 2325.8  | 1338.7  | 1070.1  | 873.5   | 768.7   | 690.1   | 666.1   |
| 37.5° | 24808.7 | 21227.1 | 10934.6 | 4782.7  | 2223.2  | 1227.3  | 1011.1  | 818.9   | 714.1   | 635.5   | 604.9   |
| 40°   | 26588.5 | 22467.6 | 10740.2 | 4553.3  | 2194.8  | 1137.8  | 969.6   | 775.3   | 663.9   | 587.5   | 556.9   |
| 42.5° | 28322.5 | 23585.7 | 10569.9 | 4383.0  | 2072.5  | 1135.6  | 932.5   | 742.5   | 624.6   | 550.3   | 515.4   |
| 45°   | 29709.2 | 24627.4 | 10537.1 | 4280.4  | 1943.6  | 1174.9  | 912.9   | 720.7   | 594.0   | 519.8   | 487.0   |
| 47.5° | 30862.3 | 25758.6 | 10746.8 | 4208.3  | 1821.3  | 1072.3  | 960.9   | 705.4   | 565.6   | 493.6   | 456.4   |
| 50°   | 32233.8 | 27147.6 | 11240.3 | 4090.4  | 1692.5  | 965.3   | 1100.7  | 709.8   | 541.6   | 467.3   | 428.0   |
| 52.5° | 34146.8 | 29069.4 | 11965.4 | 3891.6  | 1515.6  | 867.0   | 1083.2  | 714.1   | 515.4   | 439.0   | 399.6   |
| 55°   | 36291.4 | 31469.4 | 12745.0 | 3561.9  | 1268.8  | 738.1   | 928.1   | 683.5   | 465.2   | 408.4   | 371.3   |
| 57.5° | 38545.1 | 33646.7 | 13208.0 | 3168.8  | 1008.9  | 637.7   | 742.5   | 622.4   | 410.6   | 366.9   | 342.9   |
| 60°   | 38898.9 | 34474.4 | 12996.2 | 2686.1  | 801.5   | 554.7   | 550.3   | 633.3   | 366.9   | 323.2   | 305.7   |
| 62.5° | 38018.8 | 33434.9 | 11971.9 | 2255.9  | 670.4   | 487.0   | 452.1   | 552.5   | 331.9   | 288.3   | 270.8   |
| 65°   | 36326.3 | 30624.3 | 10312.2 | 2033.2  | 622.4   | 417.1   | 375.6   | 388.7   | 290.5   | 251.1   | 235.9   |
| 67.5° | 33972.1 | 26872.4 | 8466.8  | 1906.5  | 615.8   | 358.2   | 321.0   | 294.8   | 251.1   | 218.4   | 205.3   |
| 70°   | 29158.9 | 22386.7 | 6754.7  | 1836.6  | 598.4   | 301.4   | 270.8   | 240.2   | 209.7   | 185.6   | 174.7   |
| 72.5° | 21460.8 | 15863.6 | 5254.4  | 1760.2  | 602.7   | 240.2   | 235.9   | 198.7   | 168.2   | 144.1   | 139.8   |
| 75°   | 12400.0 | 9063.0  | 3446.1  | 1426.1  | 574.4   | 185.6   | 196.5   | 139.8   | 117.9   | 100.5   | 100.5   |
| 77.5° | 6608.4  | 5527.3  | 1312.5  | 594.0   | 209.7   | 117.9   | 111.4   | 83.0    | 74.3    | 61.1    | 59.0    |
| 80°   | 2880.5  | 2432.8  | 395.3   | 166.0   | 115.7   | 63.3    | 41.5    | 37.1    | 32.8    | 26.2    | 24.0    |
| 82.5° | 1019.9  | 880.1   | 128.8   | 80.8    | 50.2    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 85°   | 231.5   | 166.0   | 0.0     | 19.7    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |





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**CANDELA DISTRIBUTION (continued):**

|       | 185°    | 195°    | 205°    | 215°    | 225°    | 235°    | 245°    | 255°    | 265°    | 270°    | 275°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 |
| 2.5°  | 13118.4 | 13070.4 | 12786.5 | 12797.4 | 12847.6 | 12919.7 | 12749.4 | 12828.0 | 13039.8 | 13242.9 | 13319.4 |
| 5°    | 10144.0 | 10154.9 | 9982.4  | 10089.4 | 10185.5 | 10251.0 | 9975.9  | 9980.2  | 10148.4 | 10377.7 | 10497.8 |
| 7.5°  | 7147.8  | 7130.3  | 7139.0  | 7394.6  | 7575.8  | 7444.8  | 7547.4  | 7191.5  | 7213.3  | 7377.1  | 7254.8  |
| 10°   | 5313.3  | 5073.1  | 4937.7  | 5129.9  | 5328.6  | 5256.6  | 5079.7  | 4963.9  | 5044.7  | 5226.0  | 5212.9  |
| 12.5° | 4175.5  | 3830.5  | 3627.4  | 3489.8  | 3653.6  | 3518.2  | 3513.8  | 3413.4  | 3304.2  | 3323.8  | 3614.3  |
| 15°   | 3140.4  | 2889.2  | 2649.0  | 2428.5  | 2424.1  | 2378.2  | 2144.6  | 1882.5  | 1860.6  | 1873.8  | 2024.4  |
| 17.5° | 2159.8  | 2074.7  | 1976.4  | 1786.4  | 1736.2  | 1544.0  | 1316.9  | 1212.0  | 1159.6  | 1183.7  | 1233.9  |
| 20°   | 1517.8  | 1485.0  | 1495.9  | 1393.3  | 1321.2  | 1137.8  | 1004.6  | 963.1   | 954.3   | 978.4   | 1002.4  |
| 22.5° | 1257.9  | 1198.9  | 1192.4  | 1146.5  | 1074.5  | 941.2   | 869.2   | 845.2   | 834.2   | 856.1   | 873.5   |
| 25°   | 1100.7  | 1041.7  | 1017.7  | 989.3   | 912.9   | 821.1   | 777.5   | 755.6   | 744.7   | 757.8   | 768.7   |
| 27.5° | 969.6   | 915.0   | 893.2   | 873.5   | 799.3   | 733.8   | 698.8   | 679.2   | 670.4   | 674.8   | 685.7   |
| 30°   | 871.4   | 823.3   | 794.9   | 770.9   | 707.6   | 661.7   | 631.1   | 611.5   | 602.7   | 602.7   | 613.7   |
| 32.5° | 768.7   | 742.5   | 716.3   | 685.7   | 626.8   | 596.2   | 565.6   | 543.8   | 535.0   | 537.2   | 546.0   |
| 35°   | 639.9   | 631.1   | 637.7   | 609.3   | 559.1   | 532.9   | 502.3   | 478.3   | 471.7   | 473.9   | 482.6   |
| 37.5° | 567.8   | 528.5   | 552.5   | 537.2   | 508.8   | 473.9   | 434.6   | 412.7   | 401.8   | 408.4   | 412.7   |
| 40°   | 521.9   | 473.9   | 456.4   | 471.7   | 467.3   | 410.6   | 375.6   | 353.8   | 345.0   | 347.2   | 351.6   |
| 42.5° | 482.6   | 425.9   | 386.5   | 384.4   | 410.6   | 358.2   | 321.0   | 301.4   | 290.5   | 290.5   | 294.8   |
| 45°   | 445.5   | 384.4   | 336.3   | 299.2   | 345.0   | 303.6   | 268.6   | 251.1   | 238.0   | 238.0   | 240.2   |
| 47.5° | 417.1   | 349.4   | 292.6   | 244.6   | 259.9   | 249.0   | 220.6   | 203.1   | 190.0   | 190.0   | 192.2   |
| 50°   | 390.9   | 314.5   | 253.3   | 205.3   | 194.4   | 205.3   | 179.1   | 159.4   | 150.7   | 148.5   | 152.9   |
| 52.5° | 362.5   | 279.5   | 216.2   | 174.7   | 152.9   | 155.1   | 139.8   | 126.7   | 115.7   | 115.7   | 120.1   |
| 55°   | 334.1   | 251.1   | 187.8   | 148.5   | 126.7   | 115.7   | 111.4   | 102.6   | 93.9    | 93.9    | 98.3    |
| 57.5° | 305.7   | 220.6   | 159.4   | 122.3   | 100.5   | 91.7    | 91.7    | 85.2    | 78.6    | 78.6    | 83.0    |
| 60°   | 279.5   | 190.0   | 131.0   | 100.5   | 78.6    | 76.4    | 78.6    | 72.1    | 67.7    | 67.7    | 72.1    |
| 62.5° | 249.0   | 161.6   | 107.0   | 83.0    | 63.3    | 61.1    | 67.7    | 63.3    | 59.0    | 59.0    | 63.3    |
| 65°   | 211.8   | 137.6   | 85.2    | 63.3    | 48.0    | 48.0    | 56.8    | 52.4    | 48.0    | 48.0    | 52.4    |
| 67.5° | 179.1   | 115.7   | 65.5    | 45.9    | 34.9    | 37.1    | 48.0    | 43.7    | 41.5    | 41.5    | 45.9    |
| 70°   | 148.5   | 89.5    | 45.9    | 28.4    | 19.7    | 28.4    | 37.1    | 37.1    | 37.1    | 37.1    | 41.5    |
| 72.5° | 111.4   | 61.1    | 26.2    | 10.9    | 8.7     | 19.7    | 30.6    | 34.9    | 32.8    | 32.8    | 39.3    |
| 75°   | 72.1    | 34.9    | 8.7     | 0.0     | 0.0     | 10.9    | 24.0    | 28.4    | 28.4    | 26.2    | 32.8    |
| 77.5° | 41.5    | 10.9    | 0.0     | 0.0     | 0.0     | 0.0     | 15.3    | 13.1    | 10.9    | 8.7     | 15.3    |
| 80°   | 10.9    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 82.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 85°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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 CATALOG NUMBER: GAN-SA8D-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 | 15466.1 |
| 2.5°  | 13627.3 | 13885.0 | 14247.5 | 14631.9 | 15223.7 | 15693.2 | 16154.0 | 16549.3 | 16702.2 | 16765.5 |
| 5°    | 10786.1 | 11163.9 | 11694.6 | 12375.9 | 13443.8 | 14404.7 | 15378.7 | 16359.3 | 16785.1 | 16892.2 |
| 7.5°  | 7739.6  | 8222.2  | 8897.0  | 9750.9  | 11002.3 | 12247.1 | 13607.6 | 15046.8 | 15706.3 | 15872.3 |
| 10°   | 5728.3  | 6317.9  | 7091.0  | 7990.7  | 9185.3  | 10465.1 | 11947.9 | 13592.3 | 14345.8 | 14566.3 |
| 12.5° | 4064.2  | 4861.3  | 5896.4  | 6990.5  | 8025.7  | 9167.8  | 10668.2 | 12480.8 | 13271.3 | 13509.4 |
| 15°   | 2387.0  | 3157.9  | 4383.0  | 5848.4  | 7174.0  | 8331.4  | 9855.8  | 11910.8 | 12782.1 | 13022.4 |
| 17.5° | 1369.3  | 1753.6  | 2679.6  | 4313.1  | 6112.6  | 7715.6  | 9600.2  | 12052.7 | 13079.1 | 13301.9 |
| 20°   | 1046.1  | 1168.4  | 1544.0  | 2777.9  | 4872.2  | 7110.6  | 9600.2  | 12856.4 | 14120.8 | 14448.4 |
| 22.5° | 915.0   | 1004.6  | 1157.4  | 1657.5  | 3585.9  | 6462.0  | 9711.6  | 14018.2 | 15671.4 | 16033.9 |
| 25°   | 812.4   | 893.2   | 1024.2  | 1247.0  | 2445.9  | 5691.1  | 9975.9  | 15444.3 | 17497.1 | 17966.6 |
| 27.5° | 727.2   | 803.7   | 921.6   | 1091.9  | 1672.8  | 4760.8  | 10331.8 | 17117.1 | 19510.6 | 19886.2 |
| 30°   | 650.8   | 722.9   | 829.9   | 950.0   | 1290.7  | 3706.0  | 10635.4 | 18693.8 | 21091.7 | 21495.7 |
| 32.5° | 578.7   | 644.2   | 740.3   | 829.9   | 1057.0  | 2740.7  | 10668.2 | 19943.0 | 22404.2 | 22806.1 |
| 35°   | 511.0   | 570.0   | 657.3   | 727.2   | 875.7   | 2164.2  | 10159.3 | 21026.2 | 23716.7 | 24247.4 |
| 37.5° | 445.5   | 502.3   | 578.7   | 631.1   | 770.9   | 1764.6  | 9381.9  | 22233.9 | 25400.5 | 25891.8 |
| 40°   | 384.4   | 434.6   | 513.2   | 548.1   | 729.4   | 1356.2  | 8536.7  | 23500.5 | 27051.5 | 27501.3 |
| 42.5° | 327.6   | 375.6   | 452.1   | 519.8   | 639.9   | 1013.3  | 7623.9  | 24688.5 | 28536.5 | 29008.2 |
| 45°   | 273.0   | 323.2   | 399.6   | 550.3   | 530.7   | 757.8   | 6647.7  | 25476.9 | 29709.2 | 30222.4 |
| 47.5° | 220.6   | 277.4   | 382.2   | 524.1   | 423.7   | 556.9   | 5874.6  | 26223.8 | 30598.1 | 31104.7 |
| 50°   | 176.9   | 233.7   | 430.2   | 467.3   | 347.2   | 425.9   | 5551.4  | 26892.1 | 31181.2 | 31668.2 |
| 52.5° | 144.1   | 196.5   | 406.2   | 358.2   | 290.5   | 351.6   | 5726.1  | 27975.2 | 31720.6 | 32026.3 |
| 55°   | 120.1   | 155.1   | 244.6   | 249.0   | 246.8   | 299.2   | 5942.3  | 29530.2 | 33116.1 | 33260.2 |
| 57.5° | 104.8   | 124.5   | 170.3   | 192.2   | 207.5   | 266.4   | 5946.7  | 31762.1 | 35275.9 | 35365.4 |
| 60°   | 89.5    | 109.2   | 142.0   | 155.1   | 179.1   | 238.0   | 5730.4  | 32541.7 | 36125.4 | 36422.4 |
| 62.5° | 78.6    | 96.1    | 117.9   | 128.8   | 150.7   | 214.0   | 5223.8  | 31412.6 | 34959.2 | 35463.7 |
| 65°   | 69.9    | 87.4    | 98.3    | 109.2   | 133.2   | 192.2   | 4389.6  | 29154.5 | 33024.3 | 33550.6 |
| 67.5° | 61.1    | 76.4    | 87.4    | 98.3    | 120.1   | 170.3   | 3232.1  | 26531.7 | 30803.3 | 31240.1 |
| 70°   | 54.6    | 67.7    | 78.6    | 87.4    | 104.8   | 144.1   | 1961.1  | 22513.4 | 27732.8 | 27914.1 |
| 72.5° | 52.4    | 61.1    | 72.1    | 78.6    | 91.7    | 126.7   | 993.7   | 16544.9 | 22170.5 | 22465.4 |
| 75°   | 45.9    | 54.6    | 65.5    | 69.9    | 80.8    | 109.2   | 404.0   | 10866.9 | 16066.7 | 16540.6 |
| 77.5° | 37.1    | 50.2    | 59.0    | 63.3    | 69.9    | 89.5    | 205.3   | 6944.7  | 11275.3 | 11581.0 |
| 80°   | 13.1    | 37.1    | 50.2    | 52.4    | 59.0    | 65.5    | 135.4   | 3802.1  | 6540.7  | 6671.7  |
| 82.5° | 0.0     | 24.0    | 39.3    | 37.1    | 41.5    | 50.2    | 87.4    | 1808.2  | 4317.5  | 4365.5  |
| 85°   | 0.0     | 10.9    | 30.6    | 24.0    | 17.5    | 34.9    | 30.6    | 395.3   | 2264.7  | 2358.6  |
| 87.5° | 0.0     | 0.0     | 2.2     | 10.9    | 8.7     | 13.1    | 4.4     | 2.2     | 205.3   | 259.9   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)