

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: P530161

Luminaire Tested: **GLAN-SA5B-760-U-SLR-GRSBK**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530161
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-25)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5B-760-U-SLR-GRSBK
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 5700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH BLACK GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15754 lumens
Efficiency: N/A
Efficacy: 77.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 204
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

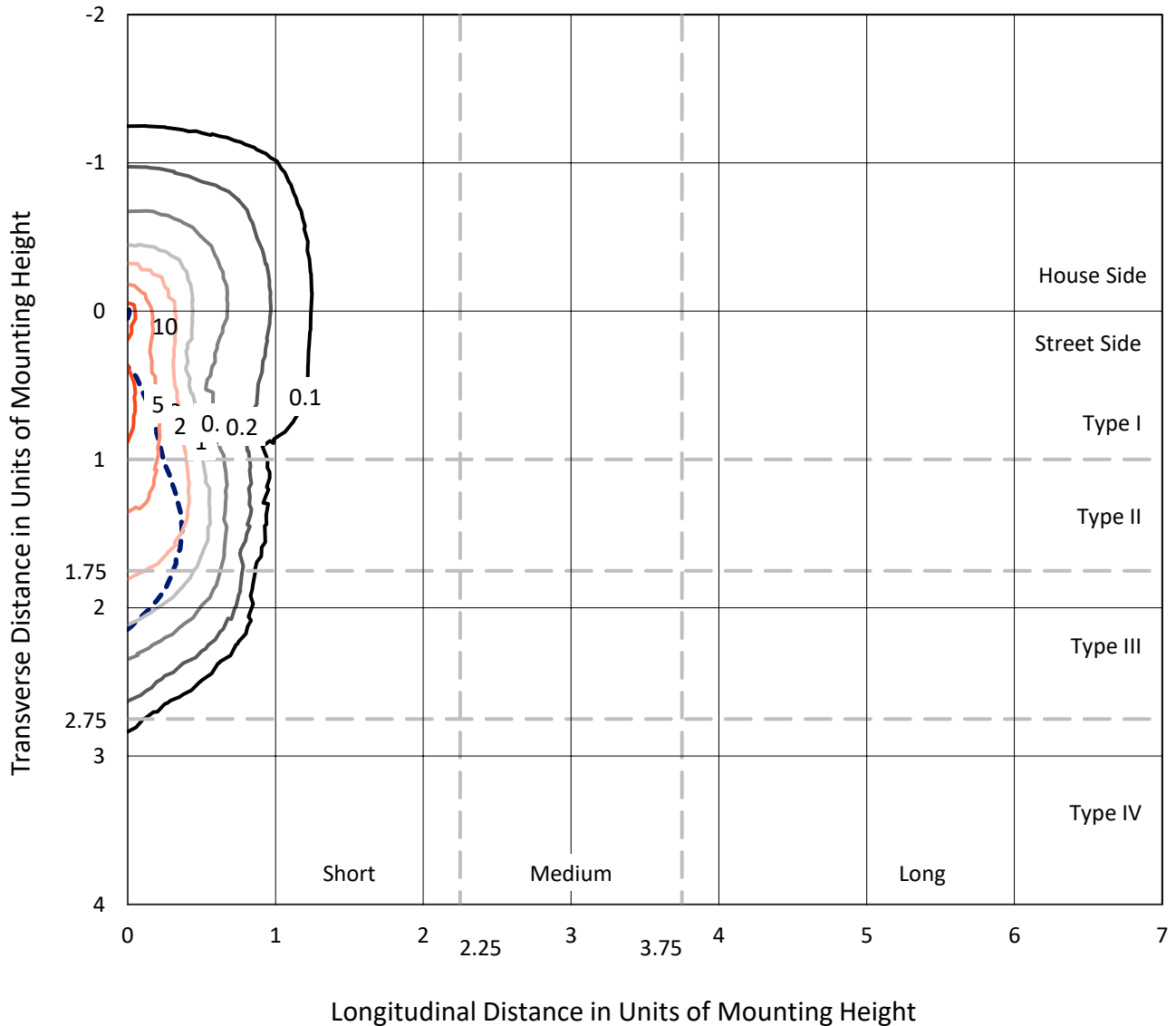




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Iso-Footcandle Lines of Horizontal Illumination

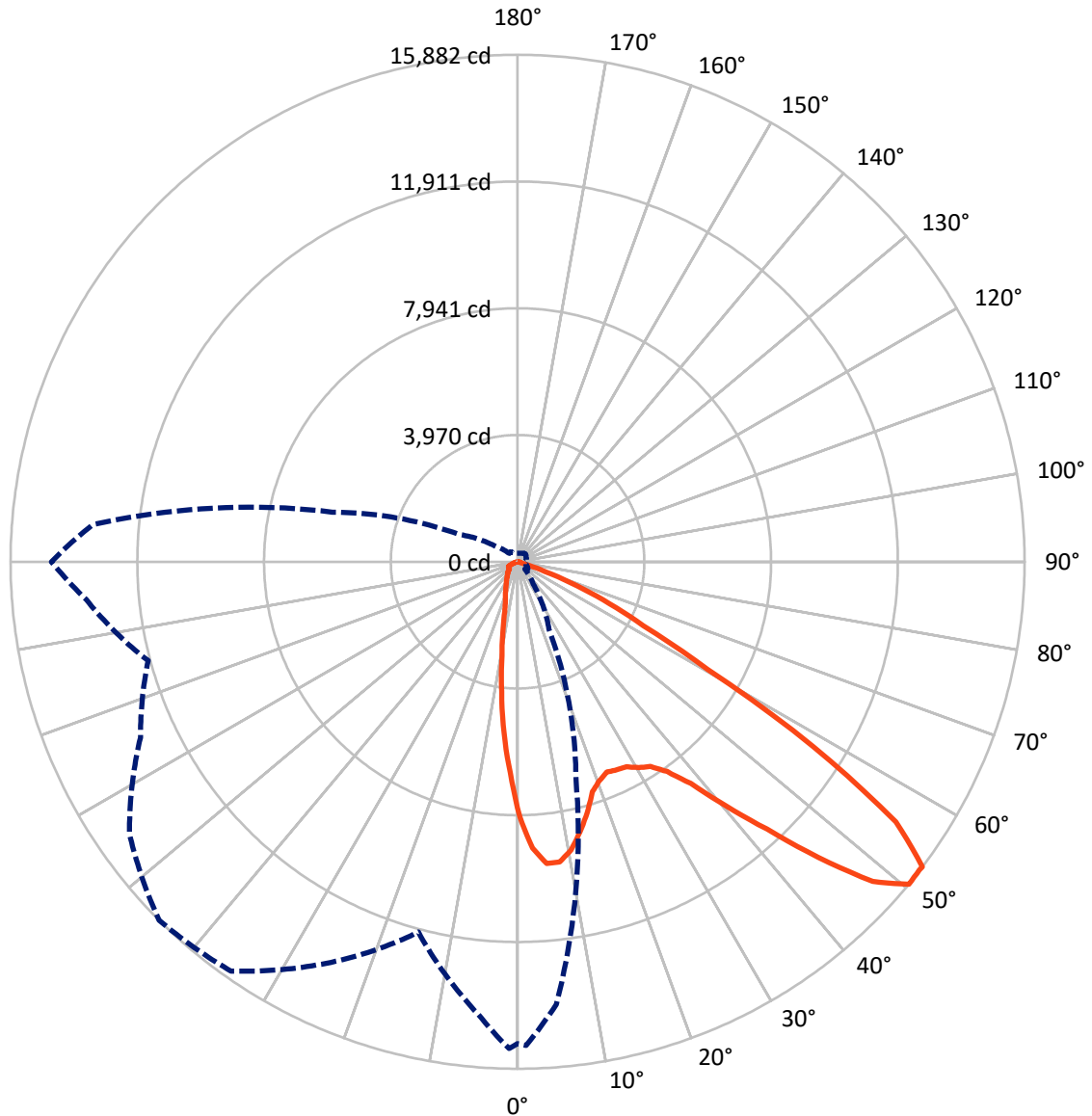
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 50-Deg Vertical

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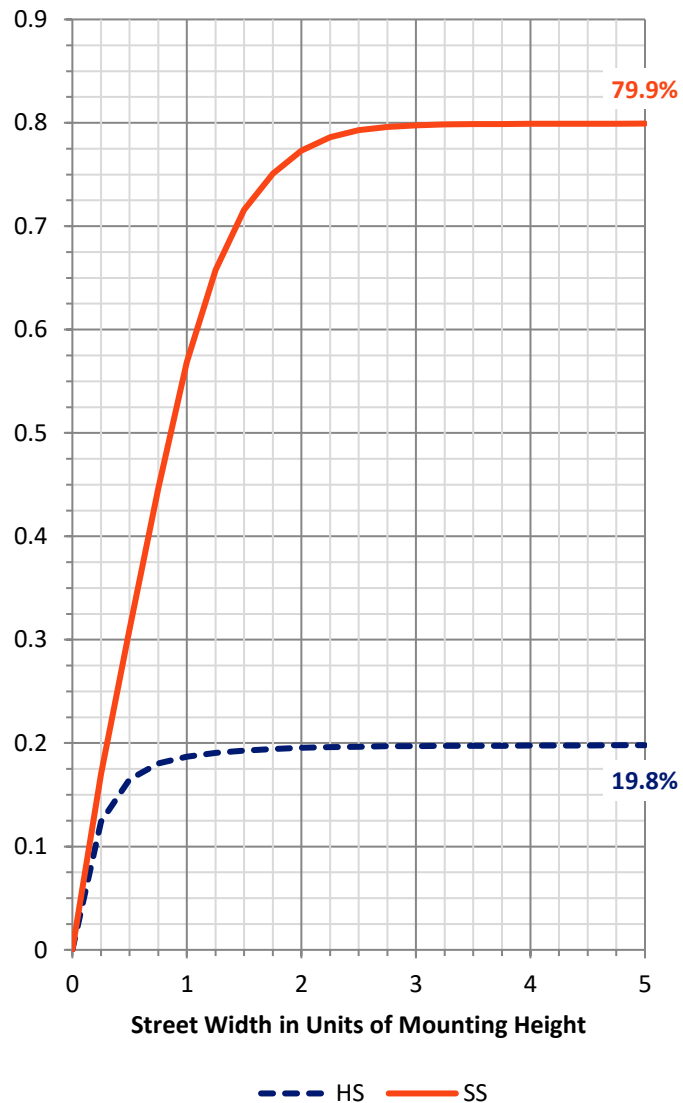
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 3155.5 | 0.0 | 3155.5 |
| | % Fixture | 20.0 | 0.0 | 20.0 |
| Street Side | Lumens | 12598.5 | 0.0 | 12598.5 |
| | % Fixture | 80.0 | 0.0 | 80.0 |
| Total | Lumens | 15754.0 | 0.0 | 15754.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 582.3 | 3.7 |
| 10°-20° | 1157.4 | 7.3 |
| 20°-30° | 1738.7 | 11.0 |
| 30°-40° | 2609.8 | 16.6 |
| 40°-50° | 3667.8 | 23.3 |
| 50°-60° | 3956.4 | 25.1 |
| 60°-70° | 1836.9 | 11.7 |
| 70°-80° | 172.8 | 1.1 |
| 80°-90° | 31.9 | 0.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 15754.0 | 100.0 |
| 0°-180° | 15754.0 | 100.0 |

Coefficient of Utilization



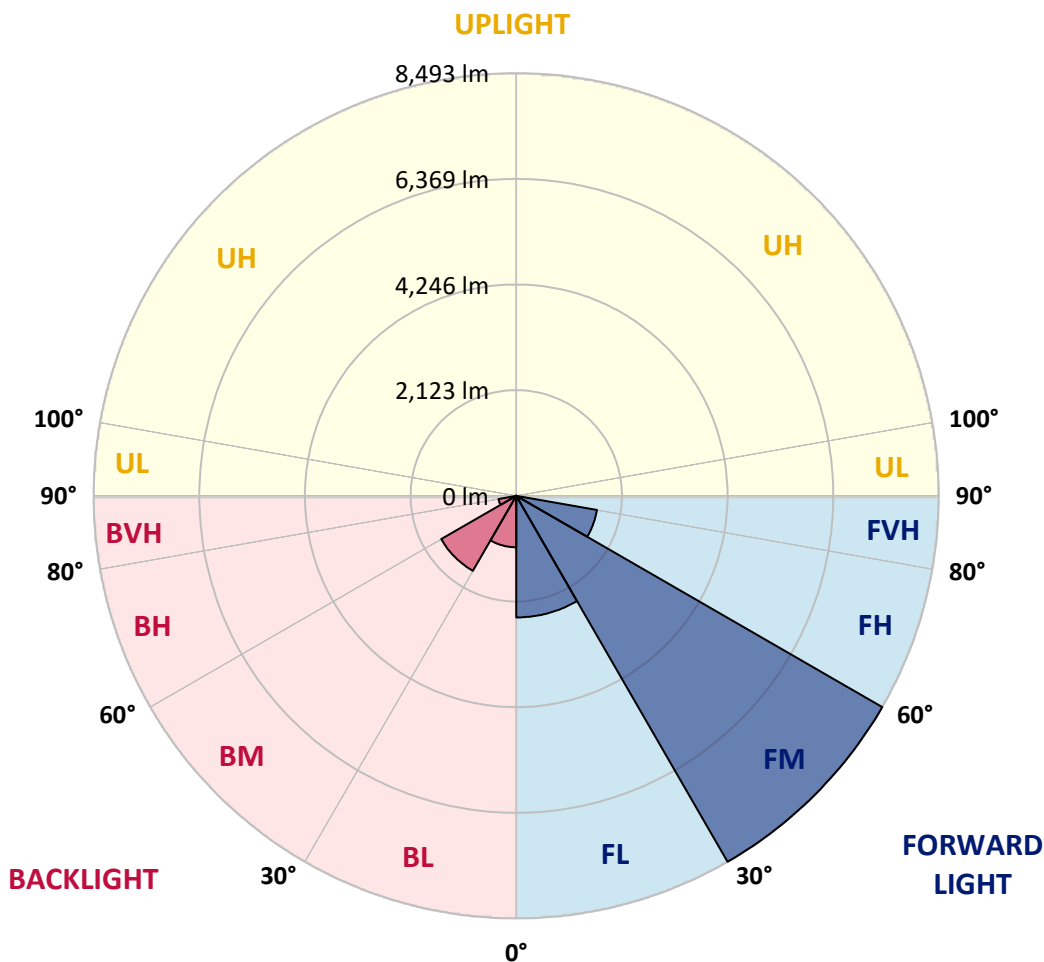
REPORT NUMBER: P530161
 CATALOG NUMBER: GLAN-SA5B-760-U-SLR-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2444.1 | 15.5 | | | |
| FM (30°-60°) | 8492.6 | 53.9 | | | |
| FH (60°-80°) | 1647.4 | 10.5 | | | G1/1800 |
| FVH (80°-90°) | 14.4 | 0.1 | | | G1/100 |
| BL (0°-30°) | 1034.3 | 6.6 | B3/2500 | | |
| BM (30°-60°) | 1741.4 | 11.1 | B2/2500 | | |
| BH (60°-80°) | 362.3 | 2.3 | B1/500 | | G1/500 |
| BVH (80°-90°) | 17.5 | 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-G1

Type III Short





REPORT NUMBER: P530161

CATALOG NUMBER: GLAN-SA5B-760-U-SLR-GRSBK

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 |
| 2.5° | 8305.0 | 8176.8 | 8014.3 | 7879.9 | 7679.8 | 7276.6 | 7167.2 | 7035.9 | 6926.5 | 6779.6 | 6573.3 |
| 5° | 7551.7 | 7511.0 | 7436.0 | 6929.7 | 6563.9 | 6076.3 | 5676.3 | 5507.5 | 5285.5 | 5104.3 | 4973.0 |
| 7.5° | 6976.5 | 6814.0 | 6576.5 | 6067.0 | 5482.5 | 4960.5 | 4516.6 | 4257.2 | 3963.4 | 3863.4 | 3685.2 |
| 10° | 6360.8 | 6398.3 | 6048.2 | 5332.4 | 4626.0 | 4204.1 | 3929.0 | 3678.9 | 3413.3 | 3238.2 | 2985.0 |
| 12.5° | 6163.9 | 6042.0 | 5773.1 | 4888.6 | 4285.3 | 3891.5 | 3557.0 | 3247.6 | 2966.3 | 2685.0 | 2441.2 |
| 15° | 6292.0 | 6104.5 | 5729.4 | 4794.8 | 4022.8 | 3532.0 | 3113.2 | 2694.3 | 2434.9 | 2075.5 | 1822.3 |
| 17.5° | 6751.5 | 6601.5 | 6098.2 | 4894.8 | 3888.4 | 3188.2 | 2566.2 | 2134.8 | 1737.9 | 1412.8 | 1284.7 |
| 20° | 7517.3 | 7304.7 | 6673.3 | 5023.0 | 3688.3 | 2772.5 | 2081.7 | 1550.3 | 1175.3 | 1037.7 | 965.8 |
| 22.5° | 8267.5 | 8151.8 | 7354.7 | 5269.9 | 3510.1 | 2403.7 | 1562.8 | 1044.0 | 878.3 | 853.3 | 806.4 |
| 25° | 9695.9 | 9348.9 | 8395.6 | 5716.9 | 3372.6 | 2056.7 | 1178.4 | 840.8 | 743.9 | 725.2 | 731.4 |
| 27.5° | 10546.1 | 10255.4 | 9358.3 | 6013.8 | 3219.5 | 1791.0 | 997.1 | 772.0 | 706.4 | 665.8 | 650.1 |
| 30° | 11361.9 | 11024.3 | 9836.5 | 6188.9 | 2891.3 | 1509.7 | 884.6 | 740.8 | 725.2 | 665.8 | 647.0 |
| 32.5° | 11990.1 | 11658.8 | 10527.3 | 6451.4 | 2756.9 | 1328.4 | 728.3 | 578.3 | 537.6 | 531.4 | 587.6 |
| 35° | 12952.9 | 12599.7 | 11118.1 | 6595.2 | 2653.7 | 1234.6 | 631.4 | 515.7 | 468.9 | 450.1 | 453.2 |
| 37.5° | 13849.9 | 13609.3 | 11665.1 | 6651.5 | 2544.3 | 1206.5 | 565.7 | 462.6 | 422.0 | 409.5 | 406.3 |
| 40° | 14600.1 | 14062.5 | 12183.9 | 6710.9 | 2497.4 | 1153.4 | 525.1 | 422.0 | 393.8 | 375.1 | 375.1 |
| 42.5° | 14943.9 | 14396.9 | 12765.3 | 6676.5 | 2484.9 | 1069.0 | 525.1 | 387.6 | 365.7 | 347.0 | 343.8 |
| 45° | 14868.9 | 14647.0 | 13024.8 | 6660.8 | 2484.9 | 984.6 | 478.2 | 378.2 | 347.0 | 321.9 | 315.7 |
| 47.5° | 15062.7 | 14772.0 | 13349.8 | 6726.5 | 2434.9 | 925.2 | 403.2 | 397.0 | 328.2 | 296.9 | 290.7 |
| 50° | 15097.1 | 15153.3 | 13915.6 | 7067.2 | 2325.5 | 850.2 | 315.7 | 390.7 | 315.7 | 268.8 | 262.6 |
| 52° | 15322.1 | 14972.1 | 14087.5 | 7248.5 | 2209.9 | 793.9 | 265.7 | 334.4 | 303.2 | 250.1 | 243.8 |
| 52.5° | 15012.7 | 15240.9 | 14128.1 | 7314.1 | 2222.4 | 756.4 | 256.3 | 328.2 | 296.9 | 250.1 | 234.4 |
| 55° | 14665.7 | 14884.5 | 13962.5 | 7454.8 | 2037.9 | 593.9 | 200.0 | 237.6 | 268.8 | 218.8 | 209.4 |
| 57.5° | 12746.6 | 12968.5 | 12133.9 | 6826.5 | 1659.7 | 418.8 | 165.7 | 178.2 | 237.6 | 203.2 | 193.8 |
| 60° | 11330.6 | 11171.2 | 10183.5 | 5695.0 | 1178.4 | 234.4 | 131.3 | 137.5 | 259.4 | 187.5 | 184.4 |
| 62.5° | 10355.4 | 10014.7 | 8511.3 | 4397.8 | 718.9 | 156.3 | 103.1 | 106.3 | 200.0 | 175.0 | 175.0 |
| 65° | 7661.1 | 7279.7 | 5654.4 | 2660.0 | 353.2 | 109.4 | 78.1 | 84.4 | 125.0 | 150.0 | 150.0 |
| 67.5° | 4372.8 | 4225.9 | 2731.9 | 1200.3 | 146.9 | 68.8 | 59.4 | 65.6 | 96.9 | 121.9 | 115.7 |
| 70° | 2009.8 | 1803.5 | 1050.2 | 253.2 | 68.8 | 46.9 | 46.9 | 53.1 | 78.1 | 90.6 | 84.4 |
| 72.5° | 587.6 | 556.4 | 256.3 | 40.6 | 28.1 | 28.1 | 31.3 | 40.6 | 59.4 | 68.8 | 62.5 |
| 75° | 43.8 | 28.1 | 18.8 | 12.5 | 12.5 | 18.8 | 25.0 | 40.6 | 59.4 | 65.6 | 53.1 |
| 77.5° | 3.1 | 6.3 | 3.1 | 3.1 | 9.4 | 18.8 | 28.1 | 50.0 | 78.1 | 81.3 | 59.4 |
| 80° | 3.1 | 3.1 | 0.0 | 3.1 | 9.4 | 18.8 | 31.3 | 56.3 | 87.5 | 93.8 | 50.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 3.1 | 12.5 | 25.0 | 37.5 | 59.4 | 81.3 | 100.0 | 53.1 |
| 85° | 0.0 | 0.0 | 0.0 | 3.1 | 18.8 | 34.4 | 43.8 | 15.6 | 9.4 | 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: GLAN-SA5B-760-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 |
| 2.5° | 6720.2 | 6639.0 | 6607.7 | 6635.8 | 6626.5 | 6617.1 | 6789.0 | 6751.5 | 6745.2 | 6801.5 | 6789.0 |
| 5° | 5044.9 | 4901.1 | 5294.9 | 5135.5 | 5301.2 | 5401.2 | 5419.9 | 5429.3 | 5545.0 | 5423.1 | 5582.5 |
| 7.5° | 3594.5 | 3632.1 | 3628.9 | 3735.2 | 3925.9 | 4094.7 | 4194.7 | 4116.5 | 4110.3 | 4094.7 | 4025.9 |
| 10° | 2872.5 | 2806.9 | 2794.4 | 2769.4 | 2828.7 | 2972.5 | 3094.4 | 2997.5 | 2928.8 | 3022.5 | 2994.4 |
| 12.5° | 2347.4 | 2256.7 | 2206.7 | 2106.7 | 2109.8 | 2206.7 | 2206.7 | 2206.7 | 2275.5 | 2328.6 | 2369.3 |
| 15° | 1800.4 | 1725.4 | 1725.4 | 1625.4 | 1603.5 | 1606.6 | 1656.6 | 1662.9 | 1772.3 | 1803.5 | 1819.2 |
| 17.5° | 1259.7 | 1219.0 | 1265.9 | 1306.5 | 1281.5 | 1287.8 | 1306.5 | 1312.8 | 1328.4 | 1315.9 | 1347.2 |
| 20° | 969.0 | 962.7 | 975.2 | 1047.1 | 1100.2 | 1131.5 | 1109.6 | 1078.4 | 1059.6 | 1015.8 | 1015.8 |
| 22.5° | 822.1 | 834.6 | 856.4 | 915.8 | 984.6 | 1003.3 | 978.3 | 906.5 | 850.2 | 843.9 | 847.1 |
| 25° | 731.4 | 743.9 | 778.3 | 815.8 | 853.3 | 884.6 | 859.6 | 806.4 | 775.2 | 747.0 | 747.0 |
| 27.5° | 675.1 | 681.4 | 700.2 | 728.3 | 759.5 | 784.5 | 775.2 | 747.0 | 712.7 | 700.2 | 672.0 |
| 30° | 631.4 | 640.8 | 662.6 | 668.9 | 697.0 | 709.5 | 693.9 | 687.7 | 665.8 | 650.1 | 640.8 |
| 32.5° | 609.5 | 606.4 | 622.0 | 628.3 | 631.4 | 640.8 | 622.0 | 631.4 | 628.3 | 603.3 | 593.9 |
| 35° | 459.5 | 484.5 | 525.1 | 559.5 | 568.9 | 581.4 | 578.3 | 565.7 | 531.4 | 503.2 | 468.9 |
| 37.5° | 412.6 | 428.2 | 450.1 | 478.2 | 515.7 | 531.4 | 525.1 | 493.9 | 453.2 | 434.5 | 428.2 |
| 40° | 381.3 | 390.7 | 409.5 | 428.2 | 465.7 | 493.9 | 472.0 | 443.8 | 412.6 | 397.0 | 387.6 |
| 42.5° | 353.2 | 356.3 | 365.7 | 384.5 | 412.6 | 456.4 | 418.8 | 381.3 | 368.8 | 359.5 | 353.2 |
| 45° | 321.9 | 321.9 | 334.4 | 343.8 | 375.1 | 415.7 | 378.2 | 343.8 | 337.6 | 331.3 | 328.2 |
| 47.5° | 296.9 | 300.1 | 306.3 | 318.8 | 343.8 | 372.0 | 347.0 | 318.8 | 303.2 | 300.1 | 293.8 |
| 50° | 265.7 | 268.8 | 281.3 | 293.8 | 325.1 | 340.7 | 325.1 | 293.8 | 278.2 | 268.8 | 268.8 |
| 52° | 240.7 | 250.1 | 262.6 | 287.6 | 309.4 | 334.4 | 315.7 | 281.3 | 262.6 | 253.2 | 246.9 |
| 52.5° | 237.6 | 243.8 | 256.3 | 284.4 | 309.4 | 331.3 | 312.6 | 278.2 | 256.3 | 250.1 | 243.8 |
| 55° | 212.5 | 221.9 | 243.8 | 278.2 | 306.3 | 331.3 | 306.3 | 275.1 | 243.8 | 228.2 | 221.9 |
| 57.5° | 203.2 | 209.4 | 237.6 | 281.3 | 303.2 | 331.3 | 306.3 | 275.1 | 243.8 | 215.7 | 209.4 |
| 60° | 193.8 | 206.3 | 237.6 | 271.9 | 300.1 | 334.4 | 309.4 | 271.9 | 237.6 | 203.2 | 203.2 |
| 62.5° | 184.4 | 193.8 | 234.4 | 265.7 | 287.6 | 321.9 | 296.9 | 265.7 | 228.2 | 193.8 | 190.7 |
| 65° | 159.4 | 175.0 | 206.3 | 221.9 | 246.9 | 278.2 | 253.2 | 231.3 | 200.0 | 171.9 | 168.8 |
| 67.5° | 121.9 | 128.2 | 153.2 | 171.9 | 187.5 | 215.7 | 203.2 | 175.0 | 153.2 | 131.3 | 131.3 |
| 70° | 84.4 | 90.6 | 109.4 | 118.8 | 134.4 | 150.0 | 140.7 | 118.8 | 103.1 | 90.6 | 87.5 |
| 72.5° | 59.4 | 62.5 | 68.8 | 75.0 | 81.3 | 87.5 | 84.4 | 68.8 | 59.4 | 56.3 | 53.1 |
| 75° | 46.9 | 53.1 | 56.3 | 53.1 | 50.0 | 46.9 | 46.9 | 40.6 | 34.4 | 31.3 | 31.3 |
| 77.5° | 46.9 | 50.0 | 46.9 | 40.6 | 34.4 | 31.3 | 28.1 | 25.0 | 18.8 | 15.6 | 18.8 |
| 80° | 40.6 | 40.6 | 40.6 | 34.4 | 31.3 | 28.1 | 25.0 | 21.9 | 18.8 | 15.6 | 15.6 |
| 82.5° | 43.8 | 43.8 | 40.6 | 34.4 | 34.4 | 28.1 | 28.1 | 25.0 | 21.9 | 15.6 | 15.6 |
| 85° | 0.0 | 0.0 | 0.0 | 6.3 | 15.6 | 28.1 | 28.1 | 25.0 | 21.9 | 18.8 | 18.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 6.3 | 12.5 | 15.6 | 18.8 | 18.8 | 18.8 |
| 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: P530161

CATALOG NUMBER: GLAN-SA5B-760-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 |
| 2.5° | 6901.5 | 7020.3 | 7245.3 | 7470.4 | 7607.9 | 7770.5 | 8064.3 | 8220.6 | 8423.7 | 8523.8 | 8720.7 |
| 5° | 5560.6 | 5841.9 | 5941.9 | 6198.2 | 6473.3 | 6748.4 | 7186.0 | 7667.3 | 8067.4 | 8342.5 | 8698.8 |
| 7.5° | 4057.1 | 4122.8 | 4510.4 | 4682.3 | 5132.4 | 5632.5 | 6229.5 | 6835.9 | 7342.2 | 7792.3 | 8064.3 |
| 10° | 3041.3 | 3282.0 | 3525.8 | 3854.0 | 4216.6 | 4732.3 | 5304.3 | 5973.2 | 6629.6 | 7079.7 | 7423.5 |
| 12.5° | 2444.3 | 2635.0 | 2960.0 | 3313.2 | 3760.2 | 4100.9 | 4676.0 | 5338.7 | 6188.9 | 6629.6 | 7082.8 |
| 15° | 1850.4 | 2094.2 | 2463.0 | 2828.7 | 3300.7 | 3660.2 | 4241.6 | 5076.1 | 6170.1 | 6776.5 | 7167.2 |
| 17.5° | 1372.2 | 1537.8 | 1869.2 | 2278.6 | 2760.0 | 3266.3 | 4050.9 | 5048.0 | 6379.5 | 7101.6 | 7504.8 |
| 20° | 1050.2 | 1106.5 | 1315.9 | 1681.6 | 2203.6 | 2866.3 | 3741.5 | 5169.9 | 6998.4 | 7892.4 | 8301.8 |
| 22.5° | 850.2 | 875.2 | 956.5 | 1209.6 | 1716.0 | 2516.2 | 3594.5 | 5254.3 | 7695.4 | 8839.5 | 9386.4 |
| 25° | 740.8 | 734.5 | 787.7 | 897.1 | 1340.9 | 2188.0 | 3407.0 | 5573.1 | 8548.8 | 9952.2 | 10442.9 |
| 27.5° | 675.1 | 675.1 | 700.2 | 778.3 | 1112.7 | 1975.4 | 3288.2 | 5801.3 | 9408.3 | 10930.5 | 11196.2 |
| 30° | 640.8 | 647.0 | 718.9 | 743.9 | 925.2 | 1722.3 | 3091.3 | 6032.6 | 10230.4 | 11555.7 | 11921.4 |
| 32.5° | 593.9 | 568.9 | 553.2 | 615.8 | 778.3 | 1494.1 | 2894.4 | 6129.5 | 10896.2 | 12321.5 | 12634.0 |
| 35° | 456.4 | 443.8 | 462.6 | 509.5 | 668.9 | 1300.3 | 2675.6 | 6238.9 | 11661.9 | 13209.2 | 13271.7 |
| 37.5° | 412.6 | 409.5 | 422.0 | 462.6 | 562.6 | 1131.5 | 2519.3 | 6210.7 | 12246.5 | 13943.7 | 13774.9 |
| 40° | 381.3 | 381.3 | 390.7 | 425.1 | 503.2 | 1012.7 | 2356.8 | 6185.7 | 12812.2 | 14768.9 | 14275.0 |
| 42.5° | 356.3 | 356.3 | 372.0 | 393.8 | 478.2 | 934.6 | 2234.9 | 6151.4 | 13287.3 | 15275.2 | 14568.8 |
| 45° | 321.9 | 331.3 | 356.3 | 378.2 | 484.5 | 881.4 | 2144.2 | 6020.1 | 13449.8 | 15269.0 | 14428.2 |
| 47.5° | 296.9 | 309.4 | 334.4 | 365.7 | 437.6 | 865.8 | 2081.7 | 5904.4 | 13393.6 | 14893.9 | 13987.5 |
| 50° | 268.8 | 284.4 | 318.8 | 372.0 | 372.0 | 834.6 | 2016.1 | 6007.6 | 13352.9 | 14603.2 | 13565.5 |
| 52° | 250.1 | 262.6 | 306.3 | 362.6 | 325.1 | 768.9 | 1975.4 | 6207.6 | 13518.6 | 14565.7 | 13378.0 |
| 52.5° | 246.9 | 256.3 | 296.9 | 356.3 | 309.4 | 756.4 | 1947.3 | 6254.5 | 13571.7 | 14471.9 | 13506.1 |
| 55° | 218.8 | 231.3 | 271.9 | 278.2 | 253.2 | 622.0 | 1856.7 | 6360.8 | 13309.2 | 14287.5 | 13384.2 |
| 57.5° | 206.3 | 212.5 | 240.7 | 228.2 | 218.8 | 468.9 | 1597.2 | 6195.1 | 11821.4 | 12690.3 | 12452.7 |
| 60° | 190.7 | 196.9 | 225.0 | 178.2 | 184.4 | 328.2 | 1200.3 | 5379.3 | 9492.7 | 10574.2 | 11002.4 |
| 62.5° | 184.4 | 181.3 | 212.5 | 143.8 | 156.3 | 237.6 | 847.1 | 4372.8 | 7314.1 | 8705.0 | 9445.8 |
| 65° | 162.5 | 159.4 | 153.2 | 121.9 | 134.4 | 184.4 | 506.4 | 2853.8 | 5154.3 | 6585.8 | 6992.2 |
| 67.5° | 125.0 | 131.3 | 112.5 | 96.9 | 112.5 | 143.8 | 281.3 | 1278.4 | 2703.7 | 3950.9 | 4279.1 |
| 70° | 87.5 | 93.8 | 90.6 | 84.4 | 100.0 | 118.8 | 162.5 | 437.6 | 1119.0 | 2075.5 | 2288.0 |
| 72.5° | 53.1 | 65.6 | 68.8 | 71.9 | 87.5 | 103.1 | 115.7 | 140.7 | 296.9 | 734.5 | 912.7 |
| 75° | 31.3 | 43.8 | 53.1 | 62.5 | 71.9 | 87.5 | 96.9 | 100.0 | 103.1 | 137.5 | 221.9 |
| 77.5° | 21.9 | 31.3 | 46.9 | 59.4 | 71.9 | 87.5 | 103.1 | 109.4 | 103.1 | 96.9 | 103.1 |
| 80° | 18.8 | 31.3 | 43.8 | 56.3 | 75.0 | 90.6 | 103.1 | 103.1 | 100.0 | 87.5 | 93.8 |
| 82.5° | 18.8 | 31.3 | 46.9 | 59.4 | 71.9 | 87.5 | 100.0 | 103.1 | 93.8 | 87.5 | 90.6 |
| 85° | 21.9 | 34.4 | 50.0 | 62.5 | 78.1 | 71.9 | 65.6 | 53.1 | 50.0 | 40.6 | 43.8 |
| 87.5° | 21.9 | 31.3 | 31.3 | 34.4 | 37.5 | 37.5 | 37.5 | 34.4 | 28.1 | 25.0 | 25.0 |
| 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: GLAN-SA5B-760-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 | 7989.3 |
| 2.5° | 8730.1 | 8980.1 | 8970.7 | 8977.0 | 8939.5 | 8686.3 | 8564.4 | 8254.9 | 8342.5 | 8305.0 |
| 5° | 9064.5 | 9311.4 | 9524.0 | 9499.0 | 9211.4 | 8867.6 | 8358.1 | 7876.7 | 7745.5 | 7551.7 |
| 7.5° | 8730.1 | 9323.9 | 9520.9 | 9492.7 | 9067.6 | 8626.9 | 7814.2 | 7332.9 | 7104.7 | 6976.5 |
| 10° | 8198.7 | 8886.3 | 9130.1 | 9180.2 | 8892.6 | 8223.7 | 7476.7 | 6704.6 | 6582.7 | 6360.8 |
| 12.5° | 7895.5 | 8395.6 | 8545.6 | 8680.0 | 8580.0 | 8079.9 | 7220.3 | 6479.6 | 6310.8 | 6163.9 |
| 15° | 7648.6 | 7945.5 | 8008.0 | 8161.2 | 8220.6 | 7951.8 | 7354.7 | 6723.4 | 6307.6 | 6292.0 |
| 17.5° | 7876.7 | 7754.8 | 7526.7 | 7573.5 | 7761.1 | 7954.9 | 7701.7 | 7204.7 | 6801.5 | 6751.5 |
| 20° | 8254.9 | 7717.3 | 7201.6 | 7317.2 | 7473.5 | 8067.4 | 8226.8 | 7876.7 | 7645.4 | 7517.3 |
| 22.5° | 8689.4 | 7783.0 | 7098.4 | 7154.7 | 7451.6 | 8320.6 | 9077.0 | 8883.2 | 8451.9 | 8267.5 |
| 25° | 9492.7 | 7964.3 | 7179.7 | 7217.2 | 7623.6 | 8673.8 | 9845.9 | 9989.7 | 9733.4 | 9695.9 |
| 27.5° | 10277.3 | 8433.1 | 7357.9 | 7273.5 | 7711.1 | 9017.6 | 10311.7 | 11083.7 | 10633.6 | 10546.1 |
| 30° | 10677.4 | 8814.4 | 7623.6 | 7479.8 | 8073.7 | 9227.0 | 10593.0 | 11796.4 | 11402.5 | 11361.9 |
| 32.5° | 11290.0 | 9161.4 | 7829.9 | 7645.4 | 8276.8 | 9486.5 | 11118.1 | 12574.7 | 12193.3 | 11990.1 |
| 35° | 11546.3 | 9539.6 | 8283.1 | 8067.4 | 8858.2 | 9849.0 | 11386.9 | 13268.6 | 13149.8 | 12952.9 |
| 37.5° | 12040.2 | 9945.9 | 8817.6 | 8805.1 | 9561.5 | 10321.0 | 11871.4 | 14212.5 | 14190.6 | 13849.9 |
| 40° | 12080.8 | 10389.8 | 9661.5 | 10055.3 | 10649.2 | 11143.1 | 12296.5 | 14475.1 | 14831.4 | 14600.1 |
| 42.5° | 12143.3 | 11168.1 | 11121.2 | 11446.3 | 11955.8 | 11849.5 | 12312.1 | 14537.6 | 15081.5 | 14943.9 |
| 45° | 12171.4 | 11946.4 | 12605.9 | 13206.0 | 13418.6 | 12774.7 | 12165.2 | 14418.8 | 15212.7 | 14868.9 |
| 47.5° | 11946.4 | 12615.3 | 13806.2 | 14965.8 | 15028.3 | 13343.6 | 12102.7 | 14296.9 | 15290.9 | 15062.7 |
| 50° | 11977.6 | 13034.1 | 14843.9 | 15881.6 | 15653.5 | 13846.8 | 12005.8 | 14221.9 | 15250.2 | 15097.1 |
| 52° | 11902.6 | 13043.5 | 14990.8 | 15862.9 | 15703.5 | 13568.6 | 11840.1 | 13934.3 | 15212.7 | 15322.1 |
| 52.5° | 11987.0 | 12987.2 | 14837.7 | 15875.4 | 15669.1 | 13706.2 | 11818.2 | 14093.7 | 15234.6 | 15012.7 |
| 55° | 11696.3 | 12318.3 | 13940.6 | 14381.3 | 14350.0 | 12440.2 | 11146.2 | 13565.5 | 14662.6 | 14665.7 |
| 57.5° | 10571.1 | 10677.4 | 10933.7 | 10924.3 | 10780.5 | 9780.3 | 9533.4 | 12474.6 | 13071.6 | 12746.6 |
| 60° | 9314.6 | 7817.4 | 7126.6 | 6845.3 | 6685.9 | 6523.3 | 8433.1 | 11411.9 | 11468.2 | 11330.6 |
| 62.5° | 8048.7 | 5419.9 | 4501.0 | 4422.9 | 4460.4 | 5054.2 | 8151.8 | 10989.9 | 10652.4 | 10355.4 |
| 65° | 6495.2 | 3950.9 | 3269.5 | 3166.3 | 3532.0 | 4172.8 | 6598.3 | 8426.9 | 7908.0 | 7661.1 |
| 67.5° | 4079.0 | 2881.9 | 2209.9 | 2016.1 | 2456.8 | 2872.5 | 4335.3 | 5294.9 | 4713.5 | 4372.8 |
| 70° | 2419.3 | 1609.7 | 1000.2 | 897.1 | 1009.6 | 1531.6 | 2428.7 | 2641.2 | 2184.9 | 2009.8 |
| 72.5° | 953.3 | 590.8 | 278.2 | 237.6 | 246.9 | 537.6 | 893.9 | 872.1 | 659.5 | 587.6 |
| 75° | 256.3 | 178.2 | 96.9 | 78.1 | 65.6 | 100.0 | 143.8 | 93.8 | 34.4 | 43.8 |
| 77.5° | 118.8 | 106.3 | 84.4 | 65.6 | 50.0 | 37.5 | 18.8 | 6.3 | 6.3 | 3.1 |
| 80° | 103.1 | 90.6 | 78.1 | 65.6 | 50.0 | 31.3 | 15.6 | 3.1 | 3.1 | 3.1 |
| 82.5° | 96.9 | 84.4 | 71.9 | 59.4 | 46.9 | 31.3 | 15.6 | 3.1 | 0.0 | 0.0 |
| 85° | 40.6 | 53.1 | 59.4 | 56.3 | 50.0 | 31.3 | 15.6 | 3.1 | 0.0 | 0.0 |
| 87.5° | 21.9 | 18.8 | 15.6 | 12.5 | 9.4 | 6.3 | 6.3 | 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 |

(END OF REPORT)