

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: P455946

Luminaire Tested: **GLAN-SA7A-830-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P455946
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7A-830-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18177 lumens
Efficiency: N/A
Efficacy: 84.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 215
Input Voltage (V): NR
Input Current (A_{in}): 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

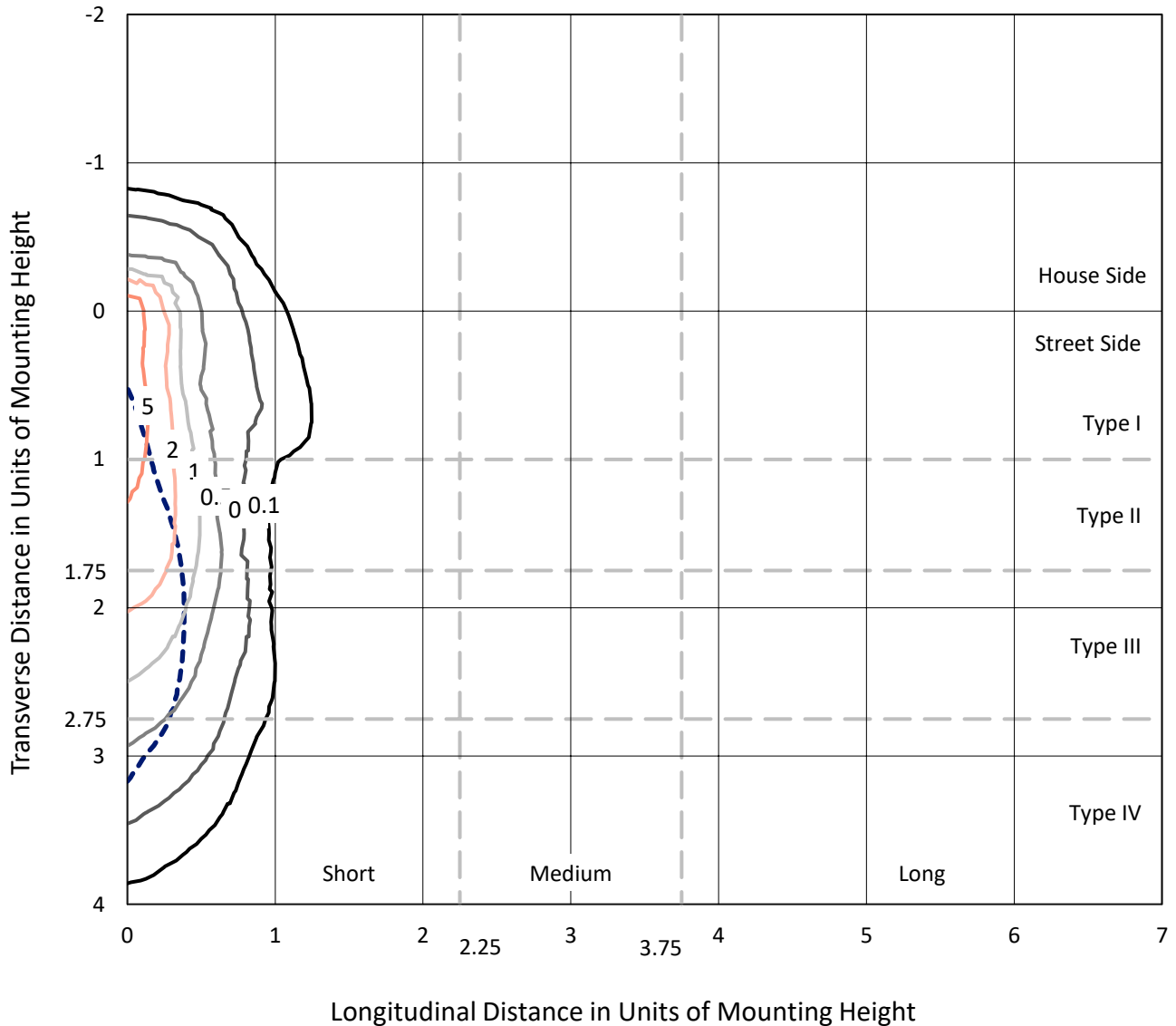




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Iso-Footcandle Lines of Horizontal Illumination

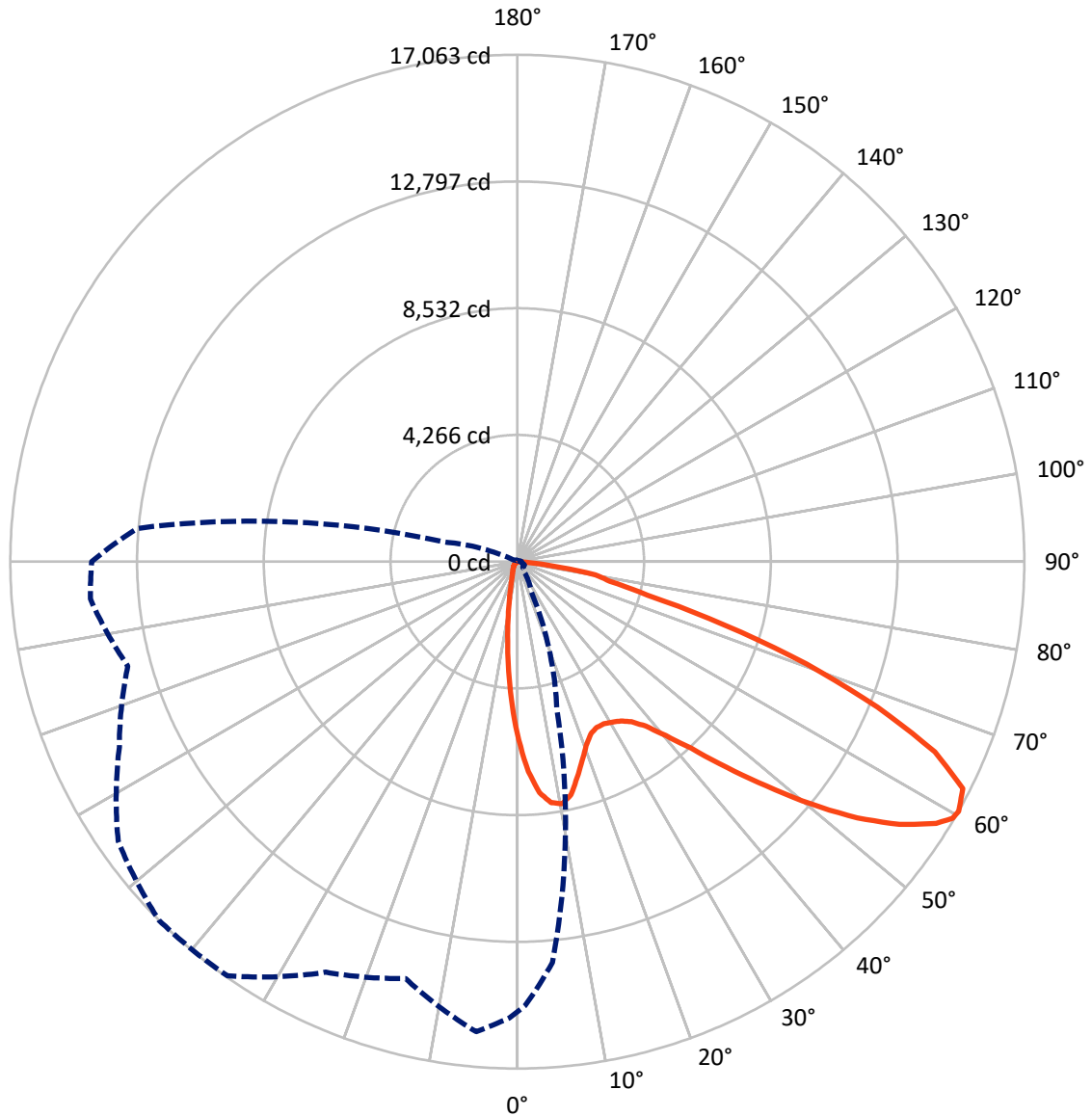
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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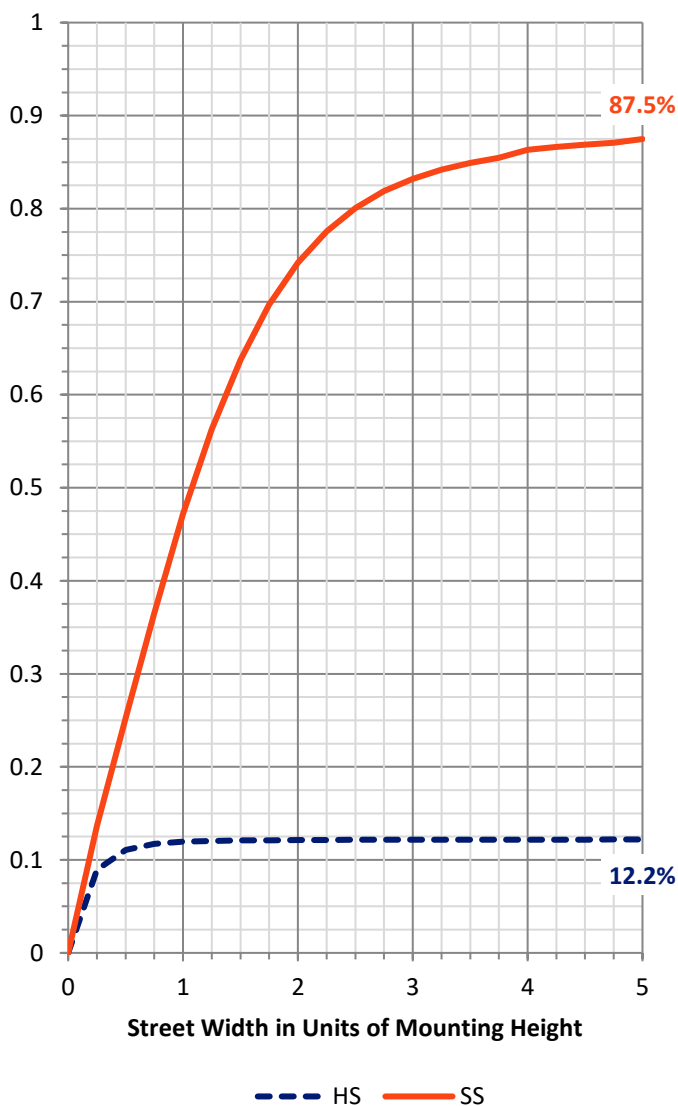
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2242.0 | 0.0 | 2242.0 |
| | % Fixture | 12.3 | 0.0 | 12.3 |
| Street Side | Lumens | 15935.0 | 0.0 | 15935.0 |
| | % Fixture | 87.7 | 0.0 | 87.7 |
| Total | Lumens | 18177.0 | 0.0 | 18177.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 446.8 | 2.5 |
| 10°-20° | 887.4 | 4.9 |
| 20°-30° | 1301.2 | 7.2 |
| 30°-40° | 1935.1 | 10.6 |
| 40°-50° | 2816.2 | 15.5 |
| 50°-60° | 4061.2 | 22.3 |
| 60°-70° | 4466.9 | 24.6 |
| 70°-80° | 2000.8 | 11.0 |
| 80°-90° | 261.4 | 1.4 |
| 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° | 18177.0 | 100.0 |
| 0°-180° | 18177.0 | 100.0 |

Coefficient of Utilization



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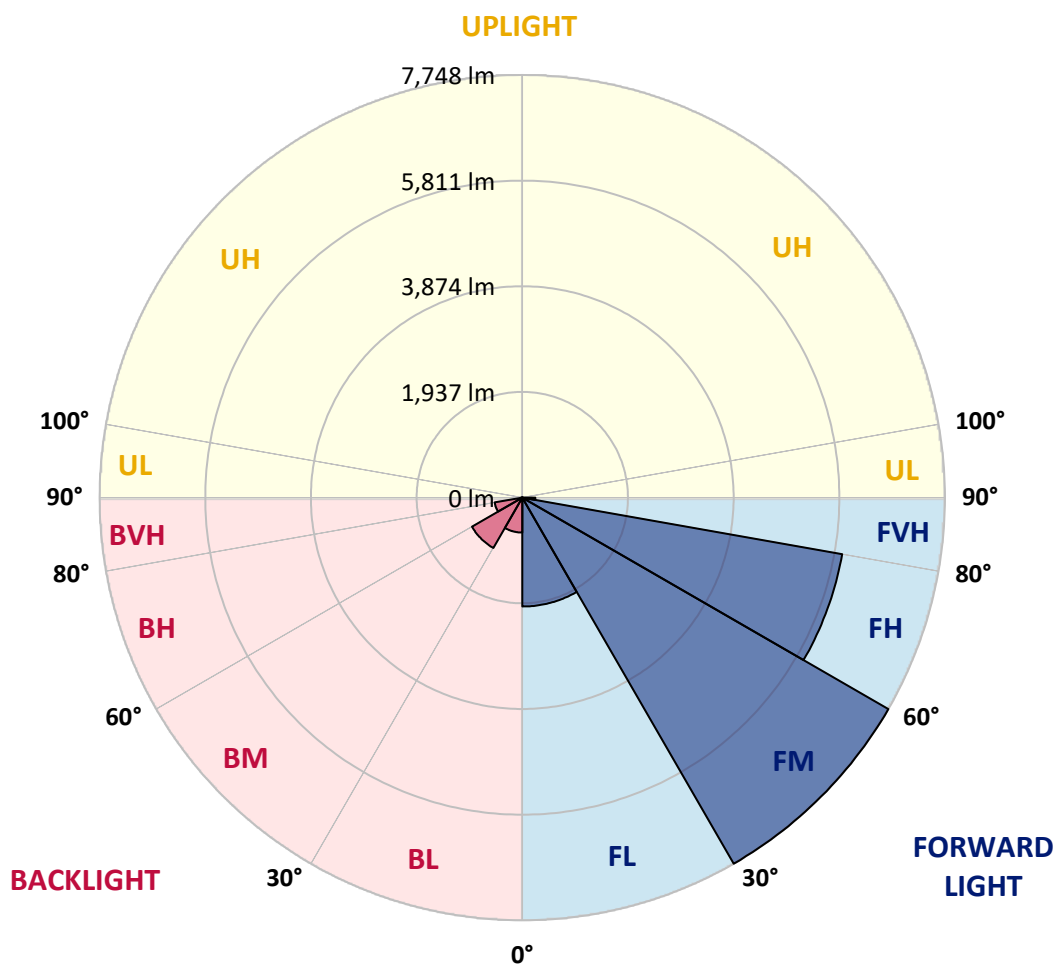
CATALOG NUMBER: GLAN-SA7A-830-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 1994.9 | 11.0 | | | |
| FM | (30°-60°) | 7747.6 | 42.6 | | | |
| FH | (60°-80°) | 5953.5 | 32.8 | | | G3/7500 |
| FVH | (80°-90°) | 239.1 | 1.3 | | | G3/500 |
| BL | (0°-30°) | 640.6 | 3.5 | B2/1000 | | |
| BM | (30°-60°) | 1064.9 | 5.9 | B2/2500 | | |
| BH | (60°-80°) | 514.1 | 2.8 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 22.3 | 0.1 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G3

Type IV Short





REPORT NUMBER: P455946

CATALOG NUMBER: GLAN-SA7A-830-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 |
| 2.5° | 6604.7 | 6575.6 | 6509.3 | 6307.6 | 6132.1 | 5902.7 | 5670.6 | 5488.2 | 5376.3 | 5170.4 | 5076.5 |
| 5° | 6398.8 | 6412.6 | 6220.5 | 5806.0 | 5344.5 | 5029.5 | 4685.4 | 4411.9 | 4110.6 | 3920.0 | 3719.6 |
| 7.5° | 5861.3 | 5833.7 | 5625.0 | 5047.5 | 4486.5 | 4030.5 | 3595.3 | 3241.5 | 3019.1 | 2840.8 | 2691.6 |
| 10° | 5401.2 | 5380.5 | 5113.8 | 4370.4 | 3768.0 | 3426.7 | 3132.4 | 2822.9 | 2583.8 | 2322.7 | 2114.0 |
| 12.5° | 5112.4 | 5065.4 | 4758.7 | 3982.1 | 3491.6 | 3173.8 | 2853.3 | 2531.3 | 2201.1 | 1937.2 | 1684.3 |
| 15° | 5015.7 | 4948.0 | 4606.7 | 3848.1 | 3314.8 | 2911.3 | 2509.2 | 2138.9 | 1758.9 | 1467.4 | 1276.7 |
| 17.5° | 5191.2 | 5079.2 | 4715.8 | 3824.6 | 3103.4 | 2568.6 | 2074.0 | 1591.8 | 1196.6 | 974.1 | 856.7 |
| 20° | 5593.2 | 5464.7 | 4992.2 | 3801.1 | 2868.5 | 2184.5 | 1576.6 | 1124.7 | 827.7 | 706.1 | 641.1 |
| 22.5° | 6190.1 | 6013.3 | 5401.2 | 3838.4 | 2651.5 | 1810.1 | 1138.5 | 794.5 | 657.7 | 581.7 | 536.1 |
| 25° | 6907.3 | 6759.4 | 5919.3 | 3971.1 | 2480.2 | 1515.8 | 880.2 | 649.4 | 554.1 | 507.1 | 472.6 |
| 27.5° | 7693.5 | 7457.2 | 6589.5 | 4130.0 | 2324.1 | 1287.8 | 772.4 | 580.3 | 493.3 | 450.4 | 432.5 |
| 30° | 8253.1 | 8069.3 | 7150.4 | 4240.5 | 2129.2 | 1116.4 | 706.1 | 572.0 | 494.7 | 443.5 | 410.4 |
| 32.5° | 8805.8 | 8570.9 | 7620.2 | 4291.7 | 1986.9 | 997.6 | 610.7 | 498.8 | 433.9 | 407.6 | 374.4 |
| 35° | 9397.1 | 9151.2 | 8088.6 | 4264.0 | 1880.5 | 918.8 | 554.1 | 444.9 | 371.7 | 327.5 | 294.3 |
| 37.5° | 9995.4 | 9735.7 | 8554.3 | 4164.5 | 1814.2 | 887.1 | 509.9 | 422.8 | 351.0 | 305.4 | 269.4 |
| 40° | 10705.6 | 10358.8 | 8990.9 | 4083.0 | 1745.1 | 870.5 | 480.8 | 409.0 | 335.8 | 287.4 | 251.5 |
| 42.5° | 11286.0 | 10955.7 | 9404.0 | 4040.2 | 1698.1 | 831.8 | 480.8 | 397.9 | 326.1 | 272.2 | 234.9 |
| 45° | 11835.9 | 11493.2 | 9850.3 | 4074.7 | 1678.8 | 783.4 | 486.4 | 396.6 | 319.2 | 261.1 | 223.8 |
| 47.5° | 12296.0 | 11998.9 | 10309.1 | 4204.6 | 1653.9 | 730.9 | 457.4 | 415.9 | 315.0 | 251.5 | 212.8 |
| 50° | 12839.0 | 12551.6 | 10915.7 | 4467.1 | 1609.7 | 678.4 | 421.4 | 447.7 | 313.7 | 243.2 | 203.1 |
| 52.5° | 13604.5 | 13293.6 | 11753.0 | 4765.6 | 1539.2 | 598.3 | 388.3 | 443.5 | 308.1 | 229.4 | 193.4 |
| 55° | 14539.9 | 14288.5 | 12723.0 | 5123.5 | 1442.5 | 508.5 | 335.8 | 393.8 | 291.5 | 205.9 | 176.9 |
| 57.5° | 15139.6 | 14925.4 | 13449.8 | 5278.2 | 1294.7 | 415.9 | 295.7 | 330.2 | 266.7 | 183.8 | 157.5 |
| 59° | 15210.1 | 15016.6 | 13601.7 | 5227.1 | 1198.0 | 380.0 | 276.3 | 283.3 | 259.8 | 171.3 | 146.5 |
| 60° | 15150.7 | 14950.3 | 13540.9 | 5127.6 | 1108.1 | 355.1 | 259.8 | 251.5 | 261.1 | 164.4 | 138.2 |
| 62.5° | 14769.3 | 14426.6 | 12950.9 | 4623.3 | 968.6 | 326.1 | 230.7 | 205.9 | 230.7 | 147.8 | 123.0 |
| 65° | 14032.8 | 13518.8 | 11783.4 | 3913.1 | 913.3 | 309.5 | 196.2 | 172.7 | 175.5 | 129.9 | 106.4 |
| 67.5° | 12746.5 | 12098.4 | 10228.9 | 3179.4 | 889.8 | 310.9 | 165.8 | 154.8 | 135.4 | 110.5 | 94.0 |
| 70° | 10712.5 | 10065.9 | 8207.5 | 2615.6 | 878.8 | 310.9 | 140.9 | 132.6 | 113.3 | 92.6 | 81.5 |
| 72.5° | 7591.2 | 6894.8 | 5536.6 | 2054.6 | 791.7 | 309.5 | 120.2 | 120.2 | 92.6 | 77.4 | 66.3 |
| 75° | 4288.9 | 4294.4 | 3480.6 | 1453.6 | 657.7 | 255.6 | 96.7 | 95.3 | 67.7 | 59.4 | 49.7 |
| 77.5° | 2499.5 | 2455.3 | 2346.2 | 624.5 | 305.4 | 116.1 | 67.7 | 58.0 | 47.0 | 42.8 | 35.9 |
| 80° | 1285.0 | 1057.0 | 1029.4 | 226.6 | 109.2 | 73.2 | 47.0 | 33.2 | 30.4 | 27.6 | 24.9 |
| 82.5° | 380.0 | 381.4 | 339.9 | 91.2 | 60.8 | 48.4 | 23.5 | 18.0 | 16.6 | 15.2 | 15.2 |
| 85° | 26.3 | 16.6 | 19.3 | 27.6 | 37.3 | 19.3 | 1.4 | 4.1 | 4.1 | 5.5 | 6.9 |
| 87.5° | 2.8 | 1.4 | 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-SA7A-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 |
| 2.5° | 4972.8 | 5033.6 | 4920.3 | 4923.1 | 4829.1 | 4859.5 | 4749.0 | 4784.9 | 4720.0 | 4769.7 | 4916.2 |
| 5° | 3741.7 | 3755.5 | 3664.3 | 3635.3 | 3649.1 | 3705.8 | 3727.9 | 3627.0 | 3669.9 | 3585.6 | 3580.1 |
| 7.5° | 2636.3 | 2652.9 | 2600.4 | 2593.5 | 2693.0 | 2669.5 | 2712.3 | 2608.7 | 2510.6 | 2553.4 | 2474.7 |
| 10° | 2047.7 | 1978.6 | 1870.9 | 1840.5 | 1821.1 | 1833.6 | 1833.6 | 1739.6 | 1725.8 | 1688.5 | 1745.1 |
| 12.5° | 1616.6 | 1532.3 | 1430.1 | 1291.9 | 1257.4 | 1254.6 | 1203.5 | 1120.6 | 1094.3 | 1062.5 | 1109.5 |
| 15° | 1174.5 | 1139.9 | 1054.3 | 976.9 | 898.1 | 882.9 | 800.0 | 732.3 | 642.5 | 630.1 | 625.9 |
| 17.5° | 826.3 | 775.2 | 773.8 | 729.6 | 684.0 | 653.6 | 576.2 | 498.8 | 464.3 | 460.1 | 460.1 |
| 20° | 619.0 | 601.1 | 572.0 | 566.5 | 552.7 | 518.1 | 449.1 | 407.6 | 391.0 | 392.4 | 397.9 |
| 22.5° | 520.9 | 508.5 | 482.2 | 469.8 | 464.3 | 433.9 | 382.7 | 355.1 | 346.8 | 346.8 | 348.2 |
| 25° | 465.6 | 454.6 | 425.6 | 406.2 | 399.3 | 377.2 | 337.1 | 316.4 | 309.5 | 309.5 | 309.5 |
| 27.5° | 424.2 | 410.4 | 380.0 | 363.4 | 351.0 | 326.1 | 301.2 | 280.5 | 273.6 | 273.6 | 275.0 |
| 30° | 395.2 | 380.0 | 352.3 | 330.2 | 310.9 | 288.8 | 268.1 | 250.1 | 241.8 | 240.4 | 241.8 |
| 32.5° | 356.5 | 342.7 | 315.0 | 301.2 | 279.1 | 252.9 | 236.3 | 219.7 | 211.4 | 212.8 | 211.4 |
| 35° | 277.7 | 273.6 | 254.2 | 258.4 | 245.9 | 223.8 | 208.6 | 190.7 | 181.0 | 179.6 | 182.4 |
| 37.5° | 252.9 | 236.3 | 214.2 | 215.5 | 211.4 | 203.1 | 178.2 | 158.9 | 152.0 | 152.0 | 153.4 |
| 40° | 233.5 | 216.9 | 192.1 | 179.6 | 181.0 | 181.0 | 154.8 | 134.0 | 127.1 | 125.7 | 128.5 |
| 42.5° | 216.9 | 200.4 | 172.7 | 152.0 | 146.5 | 153.4 | 131.3 | 110.5 | 103.6 | 100.9 | 103.6 |
| 45° | 205.9 | 187.9 | 156.1 | 132.6 | 116.1 | 124.4 | 107.8 | 91.2 | 82.9 | 82.9 | 81.5 |
| 47.5° | 194.8 | 178.2 | 143.7 | 114.7 | 96.7 | 92.6 | 88.4 | 73.2 | 64.9 | 63.6 | 64.9 |
| 50° | 185.2 | 168.6 | 129.9 | 99.5 | 81.5 | 71.8 | 71.8 | 58.0 | 52.5 | 49.7 | 51.1 |
| 52.5° | 175.5 | 157.5 | 117.4 | 88.4 | 70.5 | 58.0 | 51.1 | 47.0 | 42.8 | 41.5 | 42.8 |
| 55° | 161.7 | 143.7 | 105.0 | 76.0 | 60.8 | 48.4 | 40.1 | 38.7 | 35.9 | 33.2 | 35.9 |
| 57.5° | 145.1 | 128.5 | 92.6 | 64.9 | 48.4 | 37.3 | 33.2 | 31.8 | 29.0 | 27.6 | 27.6 |
| 59° | 135.4 | 120.2 | 85.7 | 56.7 | 42.8 | 33.2 | 30.4 | 29.0 | 26.3 | 23.5 | 24.9 |
| 60° | 129.9 | 117.4 | 81.5 | 52.5 | 38.7 | 30.4 | 27.6 | 26.3 | 23.5 | 22.1 | 23.5 |
| 62.5° | 114.7 | 105.0 | 71.8 | 42.8 | 30.4 | 22.1 | 19.3 | 20.7 | 19.3 | 18.0 | 19.3 |
| 65° | 100.9 | 92.6 | 60.8 | 33.2 | 23.5 | 15.2 | 13.8 | 18.0 | 16.6 | 15.2 | 16.6 |
| 67.5° | 89.8 | 80.1 | 51.1 | 24.9 | 16.6 | 8.3 | 9.7 | 15.2 | 15.2 | 13.8 | 15.2 |
| 70° | 77.4 | 69.1 | 41.5 | 18.0 | 8.3 | 4.1 | 6.9 | 11.1 | 13.8 | 12.4 | 13.8 |
| 72.5° | 63.6 | 53.9 | 31.8 | 12.4 | 4.1 | 0.0 | 4.1 | 9.7 | 13.8 | 12.4 | 13.8 |
| 75° | 49.7 | 40.1 | 23.5 | 6.9 | 0.0 | 0.0 | 1.4 | 8.3 | 13.8 | 12.4 | 13.8 |
| 77.5° | 35.9 | 29.0 | 13.8 | 1.4 | 0.0 | 0.0 | 1.4 | 8.3 | 13.8 | 12.4 | 13.8 |
| 80° | 23.5 | 20.7 | 5.5 | 0.0 | 0.0 | 0.0 | 1.4 | 8.3 | 13.8 | 13.8 | 15.2 |
| 82.5° | 15.2 | 11.1 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 11.1 | 15.2 | 16.6 | 16.6 |
| 85° | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 13.8 | 18.0 | 18.0 | 18.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 9.7 | 16.6 | 20.7 | 20.7 | 20.7 |
| 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-SA7A-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 |
| 2.5° | 4941.1 | 5028.1 | 5151.1 | 5340.4 | 5493.8 | 5735.6 | 5920.7 | 6173.6 | 6429.2 | 6506.6 | 6626.8 |
| 5° | 3636.7 | 3748.6 | 4027.7 | 4282.0 | 4442.3 | 4953.5 | 5276.8 | 5786.7 | 6244.0 | 6463.7 | 6702.8 |
| 7.5° | 2525.8 | 2658.4 | 2871.2 | 3226.3 | 3563.5 | 3979.4 | 4501.7 | 5084.8 | 5754.9 | 6068.6 | 6405.7 |
| 10° | 1772.8 | 1938.6 | 2238.4 | 2529.9 | 2954.1 | 3349.3 | 3864.7 | 4508.6 | 5247.8 | 5618.1 | 6040.9 |
| 12.5° | 1119.2 | 1267.0 | 1663.6 | 1991.1 | 2520.3 | 2979.0 | 3454.3 | 4037.4 | 4894.1 | 5274.1 | 5717.6 |
| 15° | 639.7 | 764.1 | 949.2 | 1369.3 | 1956.5 | 2563.1 | 3155.9 | 3832.9 | 4713.1 | 5181.5 | 5660.9 |
| 17.5° | 476.7 | 509.9 | 592.8 | 830.4 | 1365.1 | 2074.0 | 2880.9 | 3770.7 | 4836.1 | 5386.0 | 5933.1 |
| 20° | 400.7 | 422.8 | 461.5 | 555.5 | 870.5 | 1597.3 | 2612.8 | 3781.8 | 5234.0 | 5924.9 | 6444.4 |
| 22.5° | 359.2 | 373.1 | 404.8 | 465.6 | 594.1 | 1163.4 | 2299.2 | 3846.7 | 5716.2 | 6586.7 | 7186.4 |
| 25° | 315.0 | 333.0 | 360.6 | 413.1 | 494.7 | 806.9 | 1989.7 | 3991.8 | 6391.9 | 7426.8 | 7990.5 |
| 27.5° | 280.5 | 297.1 | 324.7 | 373.1 | 433.9 | 616.3 | 1629.1 | 4116.2 | 7104.9 | 8272.4 | 8733.9 |
| 30° | 245.9 | 262.5 | 290.2 | 328.9 | 384.1 | 498.8 | 1240.8 | 4189.4 | 7797.1 | 8906.6 | 9261.7 |
| 32.5° | 216.9 | 230.7 | 257.0 | 291.5 | 337.1 | 422.8 | 978.3 | 4113.4 | 8326.3 | 9482.8 | 9720.5 |
| 35° | 187.9 | 204.5 | 226.6 | 258.4 | 298.5 | 360.6 | 813.8 | 3850.9 | 8780.9 | 10075.6 | 10161.2 |
| 37.5° | 157.5 | 176.9 | 200.4 | 229.4 | 261.1 | 331.6 | 653.6 | 3560.7 | 9267.3 | 10814.8 | 10673.9 |
| 40° | 132.6 | 150.6 | 172.7 | 204.5 | 233.5 | 304.0 | 502.9 | 3251.2 | 9792.3 | 11508.4 | 11233.5 |
| 42.5° | 107.8 | 127.1 | 153.4 | 182.4 | 230.7 | 265.3 | 389.6 | 2930.6 | 10263.5 | 12112.2 | 11739.2 |
| 45° | 85.7 | 102.2 | 129.9 | 167.2 | 229.4 | 228.0 | 301.2 | 2614.2 | 10618.6 | 12543.3 | 12116.4 |
| 47.5° | 67.7 | 81.5 | 109.2 | 163.0 | 211.4 | 193.4 | 241.8 | 2418.0 | 10991.7 | 12931.6 | 12405.2 |
| 50° | 53.9 | 67.7 | 94.0 | 170.0 | 185.2 | 165.8 | 203.1 | 2449.8 | 11352.3 | 13129.2 | 12524.0 |
| 52.5° | 45.6 | 59.4 | 81.5 | 134.0 | 142.3 | 145.1 | 178.2 | 2596.3 | 11817.9 | 13340.6 | 12760.3 |
| 55° | 40.1 | 52.5 | 69.1 | 94.0 | 110.5 | 129.9 | 163.0 | 2702.7 | 12441.1 | 13793.8 | 13281.2 |
| 57.5° | 31.8 | 45.6 | 62.2 | 80.1 | 91.2 | 113.3 | 150.6 | 2711.0 | 13004.8 | 14375.5 | 13973.4 |
| 59° | 29.0 | 41.5 | 58.0 | 76.0 | 81.5 | 102.2 | 142.3 | 2640.5 | 13025.6 | 14462.6 | 14291.2 |
| 60° | 26.3 | 40.1 | 55.3 | 70.5 | 77.4 | 96.7 | 135.4 | 2559.0 | 12837.6 | 14324.4 | 14422.5 |
| 62.5° | 22.1 | 34.5 | 48.4 | 56.7 | 66.3 | 80.1 | 117.4 | 2263.3 | 11927.1 | 13698.5 | 14179.3 |
| 65° | 19.3 | 30.4 | 41.5 | 47.0 | 55.3 | 69.1 | 103.6 | 1811.4 | 10921.2 | 12850.1 | 13482.9 |
| 67.5° | 18.0 | 27.6 | 35.9 | 40.1 | 48.4 | 63.6 | 92.6 | 1279.5 | 9618.2 | 11773.7 | 12436.9 |
| 70° | 16.6 | 26.3 | 31.8 | 37.3 | 42.8 | 53.9 | 78.8 | 746.1 | 7408.8 | 9886.3 | 10586.8 |
| 72.5° | 16.6 | 24.9 | 27.6 | 31.8 | 37.3 | 48.4 | 73.2 | 403.5 | 5065.4 | 7541.5 | 8446.5 |
| 75° | 16.6 | 23.5 | 24.9 | 27.6 | 33.2 | 44.2 | 64.9 | 211.4 | 3274.7 | 5239.5 | 6466.5 |
| 77.5° | 16.6 | 22.1 | 24.9 | 26.3 | 31.8 | 38.7 | 56.7 | 132.6 | 2181.8 | 3669.9 | 4370.4 |
| 80° | 18.0 | 22.1 | 23.5 | 26.3 | 30.4 | 35.9 | 47.0 | 88.4 | 1282.2 | 2208.0 | 2659.8 |
| 82.5° | 19.3 | 22.1 | 24.9 | 27.6 | 31.8 | 34.5 | 41.5 | 55.3 | 591.4 | 1460.5 | 1652.5 |
| 85° | 20.7 | 23.5 | 26.3 | 29.0 | 33.2 | 34.5 | 38.7 | 40.1 | 96.7 | 659.1 | 891.2 |
| 87.5° | 22.1 | 24.9 | 27.6 | 30.4 | 35.9 | 35.9 | 35.9 | 35.9 | 33.2 | 70.5 | 179.6 |
| 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: P455946

CATALOG NUMBER: GLAN-SA7A-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 | 6007.8 |
| 2.5° | 6778.8 | 6934.9 | 7044.1 | 7071.7 | 6992.9 | 6957.0 | 6857.5 | 6702.8 | 6608.8 | 6604.7 |
| 5° | 7143.5 | 7509.7 | 7763.9 | 7806.8 | 7654.8 | 7397.8 | 7092.4 | 6698.6 | 6467.9 | 6398.8 |
| 7.5° | 7081.4 | 7722.5 | 8131.5 | 8190.9 | 7935.3 | 7444.8 | 6853.4 | 6219.2 | 5967.7 | 5861.3 |
| 10° | 6825.7 | 7607.8 | 8192.3 | 8286.2 | 7944.9 | 7254.1 | 6502.4 | 5795.0 | 5482.7 | 5401.2 |
| 12.5° | 6607.4 | 7397.8 | 7917.3 | 8047.2 | 7788.8 | 7099.3 | 6292.4 | 5522.8 | 5188.4 | 5112.4 |
| 15° | 6512.1 | 7149.1 | 7466.9 | 7533.2 | 7490.4 | 7002.6 | 6270.3 | 5481.3 | 5098.6 | 5015.7 |
| 17.5° | 6607.4 | 6937.7 | 6977.7 | 7045.4 | 7140.8 | 6992.9 | 6483.1 | 5706.5 | 5293.4 | 5191.2 |
| 20° | 6857.5 | 6753.9 | 6588.1 | 6617.1 | 6835.4 | 7033.0 | 6861.7 | 6205.3 | 5702.4 | 5593.2 |
| 22.5° | 7283.1 | 6708.3 | 6332.5 | 6307.6 | 6583.9 | 7167.0 | 7417.1 | 6881.0 | 6297.9 | 6190.1 |
| 25° | 7805.4 | 6823.0 | 6238.5 | 6184.6 | 6485.8 | 7363.2 | 8020.9 | 7708.7 | 7071.7 | 6907.3 |
| 27.5° | 8374.7 | 7060.6 | 6238.5 | 6186.0 | 6477.5 | 7537.3 | 8537.7 | 8441.0 | 7873.1 | 7693.5 |
| 30° | 8686.9 | 7256.8 | 6328.3 | 6268.9 | 6579.8 | 7638.2 | 8814.1 | 9091.8 | 8475.5 | 8253.1 |
| 32.5° | 8966.0 | 7529.0 | 6503.8 | 6391.9 | 6794.0 | 7787.4 | 9061.4 | 9644.5 | 8955.0 | 8805.8 |
| 35° | 9223.0 | 7820.6 | 6745.6 | 6615.7 | 7075.8 | 7991.9 | 9335.0 | 10224.8 | 9622.4 | 9397.1 |
| 37.5° | 9506.3 | 8159.1 | 7122.8 | 7012.3 | 7547.0 | 8389.9 | 9659.7 | 10987.5 | 10278.7 | 9995.4 |
| 40° | 9814.4 | 8551.5 | 7743.2 | 7696.2 | 8295.9 | 8840.3 | 10070.0 | 11801.3 | 11027.6 | 10705.6 |
| 42.5° | 10128.1 | 9003.3 | 8503.2 | 8580.5 | 9144.3 | 9471.8 | 10491.5 | 12427.3 | 11641.1 | 11286.0 |
| 45° | 10412.7 | 9580.9 | 9491.1 | 9873.8 | 10133.6 | 10088.0 | 10803.7 | 12868.0 | 12175.8 | 11835.9 |
| 47.5° | 10772.0 | 10422.4 | 10686.3 | 11276.3 | 11283.2 | 10758.1 | 11040.0 | 13228.7 | 12635.9 | 12296.0 |
| 50° | 11174.0 | 11415.8 | 12229.7 | 12830.7 | 12669.1 | 11417.2 | 11316.4 | 13655.6 | 13111.2 | 12839.0 |
| 52.5° | 11639.7 | 12528.1 | 13655.6 | 14323.0 | 13945.8 | 12135.7 | 11776.5 | 14117.1 | 13865.7 | 13604.5 |
| 55° | 12181.3 | 13286.7 | 15077.4 | 15609.4 | 15229.4 | 13028.3 | 12475.6 | 14743.0 | 14718.2 | 14539.9 |
| 57.5° | 12793.4 | 14088.1 | 15900.9 | 16620.8 | 16282.3 | 14075.7 | 13452.5 | 15333.0 | 15239.1 | 15139.6 |
| 59° | 13277.0 | 14499.9 | 16264.3 | 17010.5 | 16806.0 | 14809.4 | 14108.8 | 15700.6 | 15359.3 | 15210.1 |
| 60° | 13570.0 | 14779.0 | 16398.4 | 17063.0 | 17016.0 | 15246.0 | 14524.7 | 15880.2 | 15357.9 | 15150.7 |
| 62.5° | 14439.1 | 15266.7 | 16347.2 | 16829.5 | 17013.2 | 16083.3 | 15744.8 | 16077.8 | 15073.3 | 14769.3 |
| 65° | 14748.6 | 15105.1 | 15500.2 | 15440.8 | 15598.3 | 16040.5 | 16524.1 | 15860.9 | 14465.3 | 14032.8 |
| 67.5° | 14146.1 | 13332.3 | 13471.9 | 13075.3 | 12997.9 | 14260.8 | 16207.7 | 14799.7 | 13275.7 | 12746.5 |
| 70° | 11924.3 | 10213.7 | 10143.3 | 10325.7 | 9825.5 | 11545.7 | 14553.8 | 12756.1 | 11312.2 | 10712.5 |
| 72.5° | 9386.1 | 7218.2 | 6624.0 | 7295.5 | 7280.3 | 8808.5 | 12090.1 | 9051.7 | 7642.3 | 7591.2 |
| 75° | 7381.2 | 5025.3 | 4410.5 | 4519.6 | 4729.7 | 6376.7 | 9629.3 | 5748.0 | 4706.2 | 4288.9 |
| 77.5° | 4954.9 | 3560.7 | 3321.7 | 3187.6 | 3414.3 | 4094.1 | 6092.0 | 3117.2 | 2639.1 | 2499.5 |
| 80° | 2856.0 | 2586.6 | 2937.6 | 2666.7 | 2788.3 | 2579.7 | 3030.1 | 1430.1 | 1186.9 | 1285.0 |
| 82.5° | 1858.4 | 1472.9 | 1569.6 | 1166.2 | 1594.5 | 1608.3 | 972.7 | 422.8 | 357.9 | 380.0 |
| 85° | 1162.0 | 690.9 | 388.3 | 276.3 | 549.9 | 1011.4 | 304.0 | 26.3 | 30.4 | 26.3 |
| 87.5° | 301.2 | 114.7 | 48.4 | 71.8 | 88.4 | 78.8 | 70.5 | 4.1 | 1.4 | 2.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)