

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: P454206

Luminaire Tested: **GALN-SA5B-740-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P454206
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: MCGRAW-EDISON
Catalog Number: GALN-SA5B-740-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 4000K, 800mA 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: 20464 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

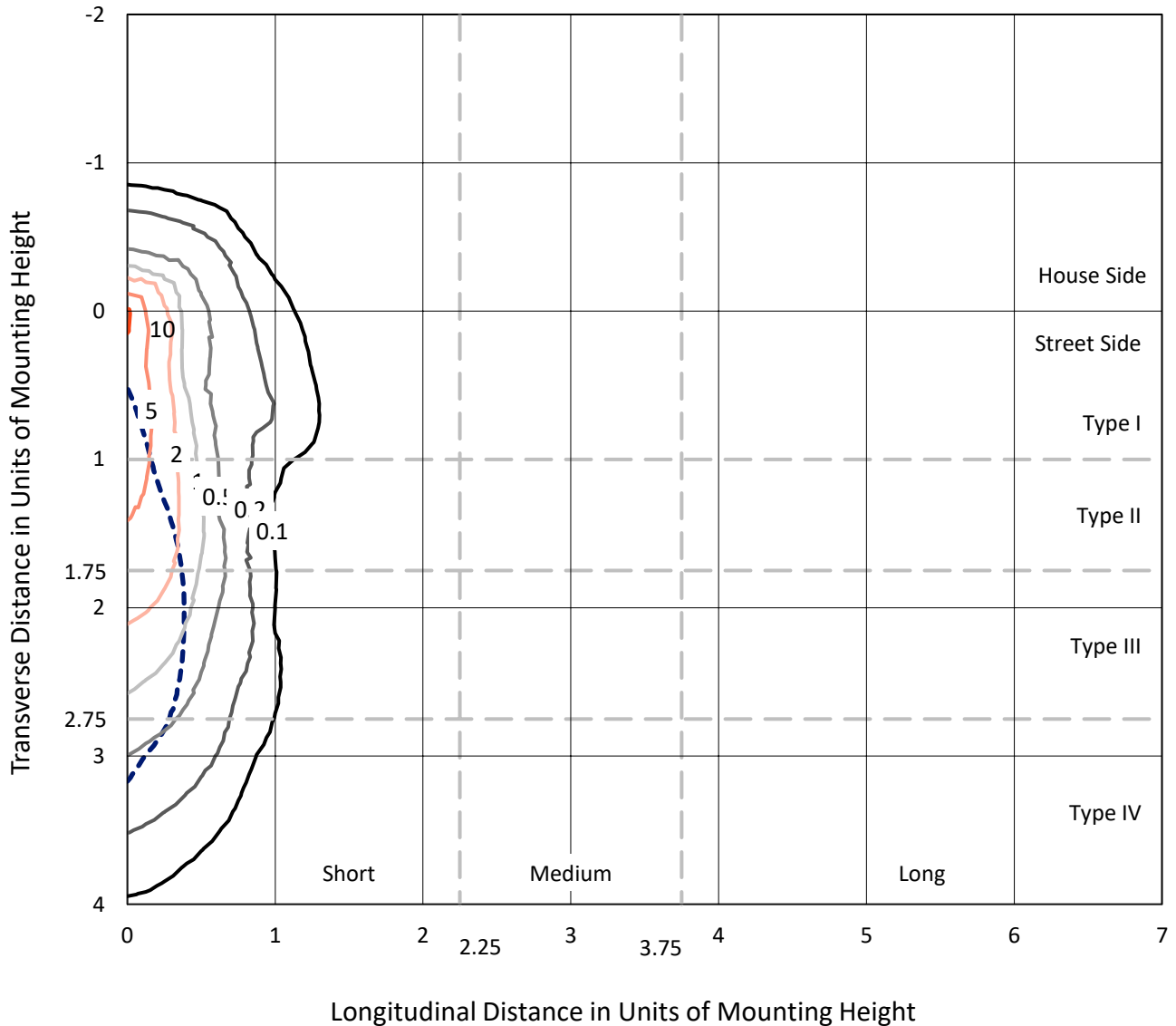
Input Watts (W): 204
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

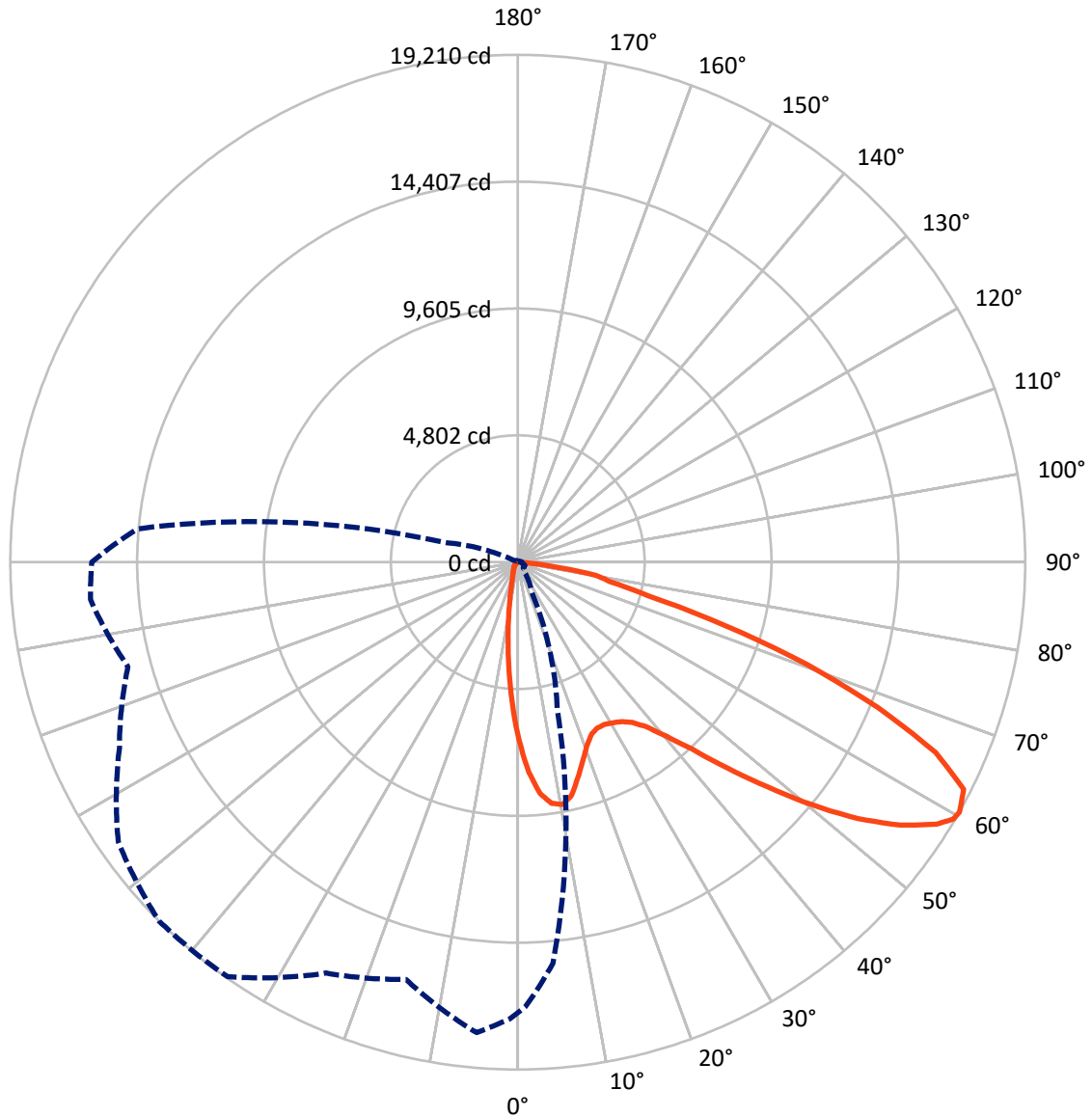
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.8 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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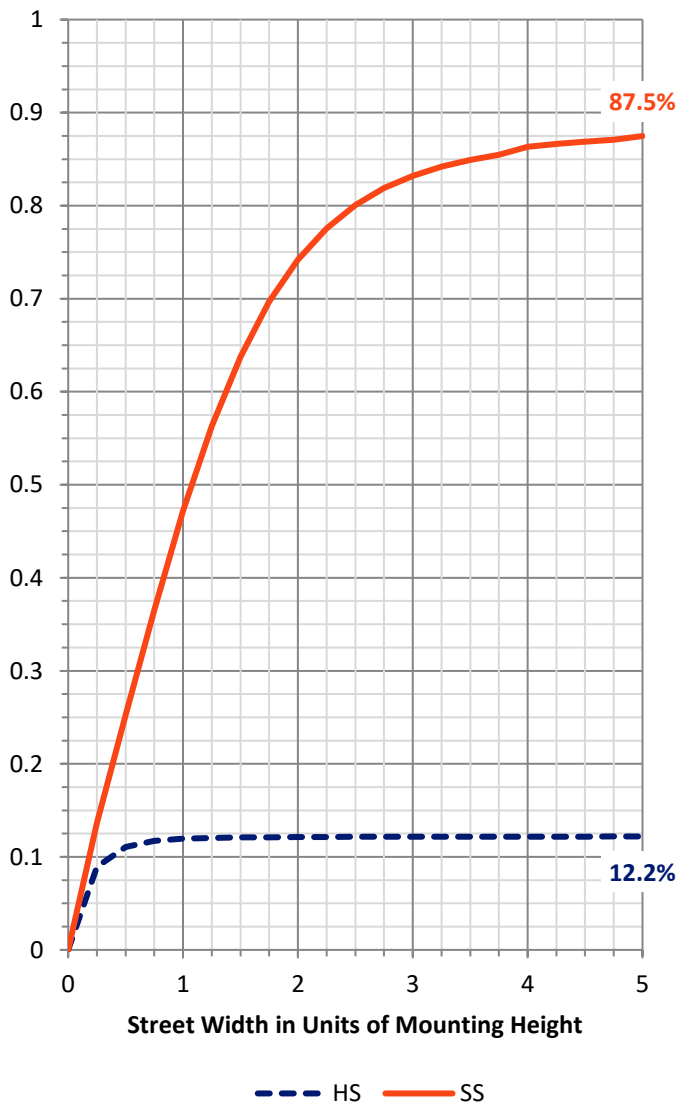
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2524.0 | 0.0 | 2524.0 |
| | % Fixture | 12.3 | 0.0 | 12.3 |
| Street Side | Lumens | 17940.0 | 0.0 | 17940.0 |
| | % Fixture | 87.7 | 0.0 | 87.7 |
| Total | Lumens | 20464.0 | 0.0 | 20464.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 503.1 | 2.5 |
| 10°-20° | 999.1 | 4.9 |
| 20°-30° | 1464.9 | 7.2 |
| 30°-40° | 2178.6 | 10.6 |
| 40°-50° | 3170.5 | 15.5 |
| 50°-60° | 4572.1 | 22.3 |
| 60°-70° | 5028.9 | 24.6 |
| 70°-80° | 2252.5 | 11.0 |
| 80°-90° | 294.3 | 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° | 20464.0 | 100.0 |
| 0°-180° | 20464.0 | 100.0 |

Coefficient of Utilization



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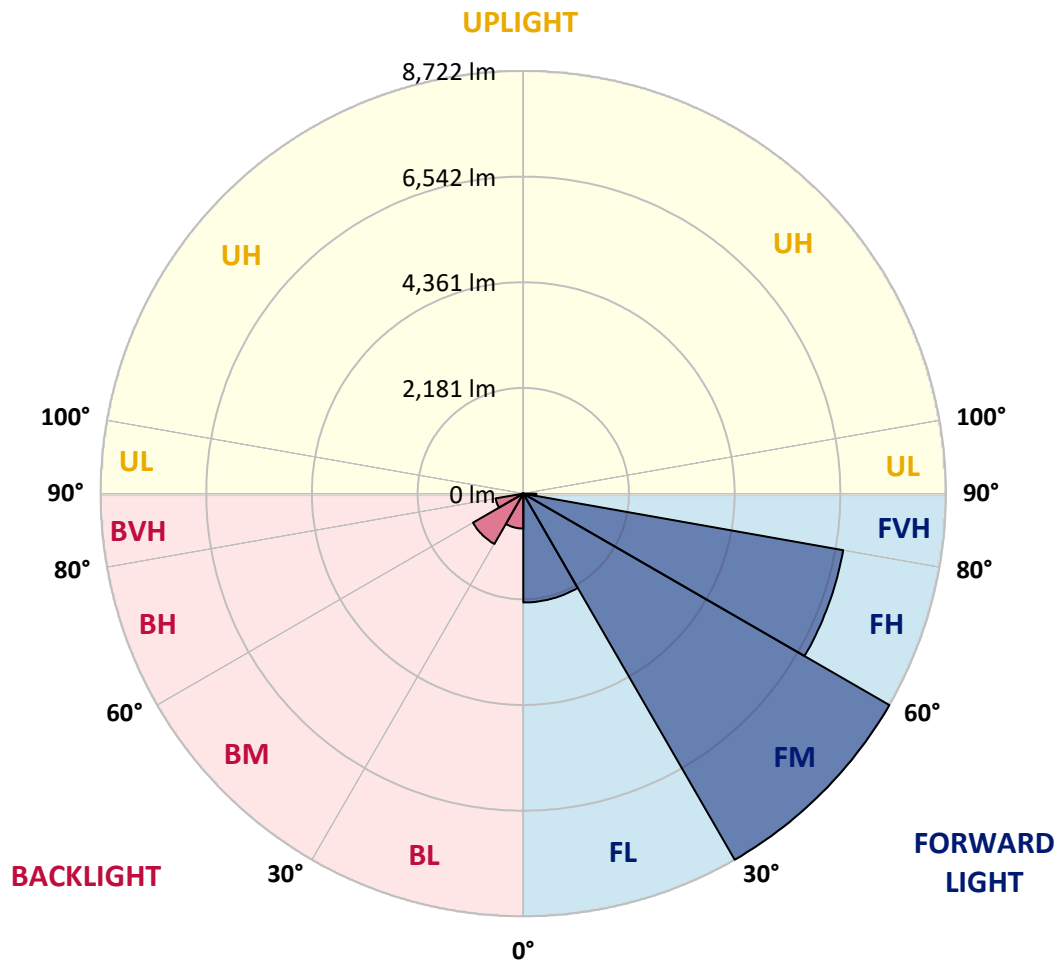
CATALOG NUMBER: GALN-SA5B-740-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 2245.9 | 11.0 | | | |
| FM | (30°-60°) | 8722.4 | 42.6 | | | |
| FH | (60°-80°) | 6702.6 | 32.8 | | | G3/7500 |
| FVH | (80°-90°) | 269.2 | 1.3 | | | G3/500 |
| BL | (0°-30°) | 721.2 | 3.5 | B2/1000 | | |
| BM | (30°-60°) | 1198.8 | 5.9 | B2/2500 | | |
| BH | (60°-80°) | 578.8 | 2.8 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 25.2 | 0.1 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 |
| 2.5° | 7435.7 | 7403.0 | 7328.3 | 7101.2 | 6903.6 | 6645.4 | 6384.1 | 6178.7 | 6052.7 | 5821.0 | 5715.2 |
| 5° | 7203.9 | 7219.4 | 7003.2 | 6536.5 | 6017.0 | 5662.3 | 5275.0 | 4967.0 | 4627.8 | 4413.2 | 4187.6 |
| 7.5° | 6598.8 | 6567.6 | 6332.7 | 5682.5 | 5051.0 | 4537.6 | 4047.6 | 3649.4 | 3398.9 | 3198.3 | 3030.3 |
| 10° | 6080.7 | 6057.4 | 5757.2 | 4920.3 | 4242.1 | 3857.8 | 3526.5 | 3178.0 | 2908.9 | 2614.9 | 2380.0 |
| 12.5° | 5755.6 | 5702.7 | 5357.4 | 4483.2 | 3930.9 | 3573.2 | 3212.3 | 2849.8 | 2478.0 | 2180.9 | 1896.2 |
| 15° | 5646.7 | 5570.5 | 5186.3 | 4332.3 | 3731.8 | 3277.6 | 2824.9 | 2408.0 | 1980.2 | 1652.0 | 1437.4 |
| 17.5° | 5844.3 | 5718.3 | 5309.2 | 4305.8 | 3493.8 | 2891.8 | 2334.9 | 1792.0 | 1347.1 | 1096.7 | 964.5 |
| 20° | 6297.0 | 6152.3 | 5620.3 | 4279.4 | 3229.4 | 2459.4 | 1774.9 | 1266.2 | 931.8 | 794.9 | 721.8 |
| 22.5° | 6969.0 | 6769.9 | 6080.7 | 4321.4 | 2985.2 | 2037.8 | 1281.8 | 894.5 | 740.5 | 654.9 | 603.6 |
| 25° | 7776.3 | 7609.9 | 6664.1 | 4470.7 | 2792.3 | 1706.5 | 990.9 | 731.1 | 623.8 | 570.9 | 532.0 |
| 27.5° | 8661.4 | 8395.4 | 7418.5 | 4649.6 | 2616.5 | 1449.8 | 869.6 | 653.3 | 555.3 | 507.1 | 486.9 |
| 30° | 9291.5 | 9084.6 | 8050.1 | 4774.1 | 2397.1 | 1256.9 | 794.9 | 644.0 | 556.9 | 499.3 | 462.0 |
| 32.5° | 9913.7 | 9649.2 | 8579.0 | 4831.6 | 2236.9 | 1123.1 | 687.6 | 561.6 | 488.5 | 458.9 | 421.6 |
| 35° | 10579.5 | 10302.6 | 9106.3 | 4800.5 | 2117.1 | 1034.5 | 623.8 | 500.9 | 418.4 | 368.7 | 331.3 |
| 37.5° | 11253.0 | 10960.6 | 9630.6 | 4688.5 | 2042.5 | 998.7 | 574.0 | 476.0 | 395.1 | 343.8 | 303.3 |
| 40° | 12052.6 | 11662.2 | 10122.1 | 4596.7 | 1964.7 | 980.0 | 541.3 | 460.5 | 378.0 | 323.6 | 283.1 |
| 42.5° | 12705.9 | 12334.2 | 10587.3 | 4548.5 | 1911.8 | 936.5 | 541.3 | 448.0 | 367.1 | 306.4 | 264.4 |
| 45° | 13325.1 | 12939.3 | 11089.7 | 4587.4 | 1890.0 | 882.0 | 547.6 | 446.5 | 359.3 | 294.0 | 252.0 |
| 47.5° | 13843.1 | 13508.6 | 11606.2 | 4733.6 | 1862.0 | 822.9 | 514.9 | 468.2 | 354.7 | 283.1 | 239.6 |
| 50° | 14454.4 | 14130.9 | 12289.1 | 5029.2 | 1812.2 | 763.8 | 474.5 | 504.0 | 353.1 | 273.8 | 228.7 |
| 52.5° | 15316.2 | 14966.2 | 13231.7 | 5365.2 | 1732.9 | 673.6 | 437.1 | 499.3 | 346.9 | 258.2 | 217.8 |
| 55° | 16369.3 | 16086.2 | 14323.7 | 5768.1 | 1624.0 | 572.5 | 378.0 | 443.3 | 328.2 | 231.8 | 199.1 |
| 57.5° | 17044.4 | 16803.3 | 15142.0 | 5942.3 | 1457.6 | 468.2 | 332.9 | 371.8 | 300.2 | 206.9 | 177.3 |
| 59° | 17123.8 | 16906.0 | 15313.1 | 5884.7 | 1348.7 | 427.8 | 311.1 | 318.9 | 292.4 | 192.9 | 164.9 |
| 60° | 17056.9 | 16831.3 | 15244.6 | 5772.7 | 1247.6 | 399.8 | 292.4 | 283.1 | 294.0 | 185.1 | 155.6 |
| 62.5° | 16627.6 | 16241.8 | 14580.4 | 5205.0 | 1090.5 | 367.1 | 259.8 | 231.8 | 259.8 | 166.4 | 138.4 |
| 65° | 15798.4 | 15219.8 | 13266.0 | 4405.4 | 1028.2 | 348.4 | 220.9 | 194.4 | 197.6 | 146.2 | 119.8 |
| 67.5° | 14350.2 | 13620.6 | 11515.9 | 3579.4 | 1001.8 | 350.0 | 186.7 | 174.2 | 152.4 | 124.4 | 105.8 |
| 70° | 12060.4 | 11332.4 | 9240.1 | 2944.7 | 989.3 | 350.0 | 158.7 | 149.3 | 127.6 | 104.2 | 91.8 |
| 72.5° | 8546.3 | 7762.3 | 6233.2 | 2313.1 | 891.3 | 348.4 | 135.3 | 135.3 | 104.2 | 87.1 | 74.7 |
| 75° | 4828.5 | 4834.7 | 3918.5 | 1636.5 | 740.5 | 287.8 | 108.9 | 107.3 | 76.2 | 66.9 | 56.0 |
| 77.5° | 2814.0 | 2764.3 | 2641.4 | 703.1 | 343.8 | 130.7 | 76.2 | 65.3 | 52.9 | 48.2 | 40.4 |
| 80° | 1446.7 | 1190.0 | 1158.9 | 255.1 | 122.9 | 82.4 | 52.9 | 37.3 | 34.2 | 31.1 | 28.0 |
| 82.5° | 427.8 | 429.3 | 382.7 | 102.7 | 68.4 | 54.4 | 26.4 | 20.2 | 18.7 | 17.1 | 17.1 |
| 85° | 29.6 | 18.7 | 21.8 | 31.1 | 42.0 | 21.8 | 1.6 | 4.7 | 4.7 | 6.2 | 7.8 |
| 87.5° | 3.1 | 1.6 | 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: GALN-SA5B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 |
| 2.5° | 5598.5 | 5667.0 | 5539.4 | 5542.5 | 5436.7 | 5471.0 | 5346.5 | 5387.0 | 5313.8 | 5369.8 | 5534.7 |
| 5° | 4212.5 | 4228.1 | 4125.4 | 4092.7 | 4108.3 | 4172.1 | 4196.9 | 4083.4 | 4131.6 | 4036.7 | 4030.5 |
| 7.5° | 2968.0 | 2986.7 | 2927.6 | 2919.8 | 3031.8 | 3005.4 | 3053.6 | 2936.9 | 2826.5 | 2874.7 | 2786.0 |
| 10° | 2305.4 | 2227.6 | 2106.2 | 2072.0 | 2050.2 | 2064.2 | 2064.2 | 1958.5 | 1942.9 | 1900.9 | 1964.7 |
| 12.5° | 1820.0 | 1725.1 | 1610.0 | 1454.5 | 1415.6 | 1412.5 | 1354.9 | 1261.6 | 1232.0 | 1196.2 | 1249.1 |
| 15° | 1322.2 | 1283.4 | 1186.9 | 1099.8 | 1011.1 | 994.0 | 900.7 | 824.5 | 723.3 | 709.3 | 704.7 |
| 17.5° | 930.2 | 872.7 | 871.1 | 821.3 | 770.0 | 735.8 | 648.7 | 561.6 | 522.7 | 518.0 | 518.0 |
| 20° | 696.9 | 676.7 | 644.0 | 637.8 | 622.2 | 583.3 | 505.6 | 458.9 | 440.2 | 441.8 | 448.0 |
| 22.5° | 586.5 | 572.5 | 542.9 | 528.9 | 522.7 | 488.5 | 430.9 | 399.8 | 390.4 | 390.4 | 392.0 |
| 25° | 524.2 | 511.8 | 479.1 | 457.3 | 449.6 | 424.7 | 379.6 | 356.2 | 348.4 | 348.4 | 348.4 |
| 27.5° | 477.6 | 462.0 | 427.8 | 409.1 | 395.1 | 367.1 | 339.1 | 315.8 | 308.0 | 308.0 | 309.6 |
| 30° | 444.9 | 427.8 | 396.7 | 371.8 | 350.0 | 325.1 | 301.8 | 281.6 | 272.2 | 270.7 | 272.2 |
| 32.5° | 401.3 | 385.8 | 354.7 | 339.1 | 314.2 | 284.7 | 266.0 | 247.3 | 238.0 | 239.6 | 238.0 |
| 35° | 312.7 | 308.0 | 286.2 | 290.9 | 276.9 | 252.0 | 234.9 | 214.7 | 203.8 | 202.2 | 205.3 |
| 37.5° | 284.7 | 266.0 | 241.1 | 242.7 | 238.0 | 228.7 | 200.7 | 178.9 | 171.1 | 171.1 | 172.7 |
| 40° | 262.9 | 244.2 | 216.2 | 202.2 | 203.8 | 203.8 | 174.2 | 150.9 | 143.1 | 141.6 | 144.7 |
| 42.5° | 244.2 | 225.6 | 194.4 | 171.1 | 164.9 | 172.7 | 147.8 | 124.4 | 116.7 | 113.6 | 116.7 |
| 45° | 231.8 | 211.6 | 175.8 | 149.3 | 130.7 | 140.0 | 121.3 | 102.7 | 93.3 | 93.3 | 91.8 |
| 47.5° | 219.3 | 200.7 | 161.8 | 129.1 | 108.9 | 104.2 | 99.6 | 82.4 | 73.1 | 71.6 | 73.1 |
| 50° | 208.4 | 189.8 | 146.2 | 112.0 | 91.8 | 80.9 | 80.9 | 65.3 | 59.1 | 56.0 | 57.6 |
| 52.5° | 197.6 | 177.3 | 132.2 | 99.6 | 79.3 | 65.3 | 57.6 | 52.9 | 48.2 | 46.7 | 48.2 |
| 55° | 182.0 | 161.8 | 118.2 | 85.6 | 68.4 | 54.4 | 45.1 | 43.6 | 40.4 | 37.3 | 40.4 |
| 57.5° | 163.3 | 144.7 | 104.2 | 73.1 | 54.4 | 42.0 | 37.3 | 35.8 | 32.7 | 31.1 | 31.1 |
| 59° | 152.4 | 135.3 | 96.4 | 63.8 | 48.2 | 37.3 | 34.2 | 32.7 | 29.6 | 26.4 | 28.0 |
| 60° | 146.2 | 132.2 | 91.8 | 59.1 | 43.6 | 34.2 | 31.1 | 29.6 | 26.4 | 24.9 | 26.4 |
| 62.5° | 129.1 | 118.2 | 80.9 | 48.2 | 34.2 | 24.9 | 21.8 | 23.3 | 21.8 | 20.2 | 21.8 |
| 65° | 113.6 | 104.2 | 68.4 | 37.3 | 26.4 | 17.1 | 15.6 | 20.2 | 18.7 | 17.1 | 18.7 |
| 67.5° | 101.1 | 90.2 | 57.6 | 28.0 | 18.7 | 9.3 | 10.9 | 17.1 | 17.1 | 15.6 | 17.1 |
| 70° | 87.1 | 77.8 | 46.7 | 20.2 | 9.3 | 4.7 | 7.8 | 12.4 | 15.6 | 14.0 | 15.6 |
| 72.5° | 71.6 | 60.7 | 35.8 | 14.0 | 4.7 | 0.0 | 4.7 | 10.9 | 15.6 | 14.0 | 15.6 |
| 75° | 56.0 | 45.1 | 26.4 | 7.8 | 0.0 | 0.0 | 1.6 | 9.3 | 15.6 | 14.0 | 15.6 |
| 77.5° | 40.4 | 32.7 | 15.6 | 1.6 | 0.0 | 0.0 | 1.6 | 9.3 | 15.6 | 14.0 | 15.6 |
| 80° | 26.4 | 23.3 | 6.2 | 0.0 | 0.0 | 0.0 | 1.6 | 9.3 | 15.6 | 15.6 | 17.1 |
| 82.5° | 17.1 | 12.4 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 12.4 | 17.1 | 18.7 | 18.7 |
| 85° | 7.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.2 | 15.6 | 20.2 | 20.2 | 20.2 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 10.9 | 18.7 | 23.3 | 23.3 | 23.3 |
| 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: GALN-SA5B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 |
| 2.5° | 5562.7 | 5660.7 | 5799.2 | 6012.3 | 6185.0 | 6457.2 | 6665.6 | 6950.3 | 7238.1 | 7325.2 | 7460.5 |
| 5° | 4094.3 | 4220.3 | 4534.5 | 4820.7 | 5001.2 | 5576.7 | 5940.7 | 6514.8 | 7029.6 | 7277.0 | 7546.1 |
| 7.5° | 2843.6 | 2992.9 | 3232.5 | 3632.3 | 4011.8 | 4480.1 | 5068.1 | 5724.5 | 6479.0 | 6832.1 | 7211.7 |
| 10° | 1995.8 | 2182.5 | 2520.0 | 2848.3 | 3325.8 | 3770.7 | 4350.9 | 5075.8 | 5908.1 | 6325.0 | 6801.0 |
| 12.5° | 1260.0 | 1426.5 | 1872.9 | 2241.6 | 2837.4 | 3353.8 | 3888.9 | 4545.4 | 5509.9 | 5937.6 | 6437.0 |
| 15° | 720.2 | 860.2 | 1068.7 | 1541.6 | 2202.7 | 2885.6 | 3552.9 | 4315.2 | 5306.1 | 5833.4 | 6373.2 |
| 17.5° | 536.7 | 574.0 | 667.3 | 934.9 | 1536.9 | 2334.9 | 3243.4 | 4245.2 | 5444.5 | 6063.6 | 6679.6 |
| 20° | 451.1 | 476.0 | 519.6 | 625.3 | 980.0 | 1798.2 | 2941.6 | 4257.6 | 5892.5 | 6670.3 | 7255.2 |
| 22.5° | 404.4 | 420.0 | 455.8 | 524.2 | 668.9 | 1309.8 | 2588.5 | 4330.7 | 6435.4 | 7415.4 | 8090.6 |
| 25° | 354.7 | 374.9 | 406.0 | 465.1 | 556.9 | 908.5 | 2240.0 | 4494.1 | 7196.1 | 8361.2 | 8995.9 |
| 27.5° | 315.8 | 334.4 | 365.6 | 420.0 | 488.5 | 693.8 | 1834.0 | 4634.1 | 7998.8 | 9313.2 | 9832.8 |
| 30° | 276.9 | 295.6 | 326.7 | 370.2 | 432.5 | 561.6 | 1396.9 | 4716.5 | 8778.1 | 10027.2 | 10427.0 |
| 32.5° | 244.2 | 259.8 | 289.3 | 328.2 | 379.6 | 476.0 | 1101.3 | 4630.9 | 9373.9 | 10675.9 | 10943.5 |
| 35° | 211.6 | 230.2 | 255.1 | 290.9 | 336.0 | 406.0 | 916.2 | 4335.4 | 9885.7 | 11343.3 | 11439.7 |
| 37.5° | 177.3 | 199.1 | 225.6 | 258.2 | 294.0 | 373.3 | 735.8 | 4008.7 | 10433.2 | 12175.5 | 12016.8 |
| 40° | 149.3 | 169.6 | 194.4 | 230.2 | 262.9 | 342.2 | 566.2 | 3660.3 | 11024.4 | 12956.4 | 12646.8 |
| 42.5° | 121.3 | 143.1 | 172.7 | 205.3 | 259.8 | 298.7 | 438.7 | 3299.4 | 11554.8 | 13636.2 | 13216.2 |
| 45° | 96.4 | 115.1 | 146.2 | 188.2 | 258.2 | 256.7 | 339.1 | 2943.1 | 11954.6 | 14121.5 | 13640.8 |
| 47.5° | 76.2 | 91.8 | 122.9 | 183.6 | 238.0 | 217.8 | 272.2 | 2722.3 | 12374.6 | 14558.6 | 13966.0 |
| 50° | 60.7 | 76.2 | 105.8 | 191.3 | 208.4 | 186.7 | 228.7 | 2758.0 | 12780.6 | 14781.1 | 14099.7 |
| 52.5° | 51.3 | 66.9 | 91.8 | 150.9 | 160.2 | 163.3 | 200.7 | 2922.9 | 13304.8 | 15019.1 | 14365.7 |
| 55° | 45.1 | 59.1 | 77.8 | 105.8 | 124.4 | 146.2 | 183.6 | 3042.7 | 14006.4 | 15529.3 | 14952.2 |
| 57.5° | 35.8 | 51.3 | 70.0 | 90.2 | 102.7 | 127.6 | 169.6 | 3052.0 | 14641.1 | 16184.2 | 15731.5 |
| 59° | 32.7 | 46.7 | 65.3 | 85.6 | 91.8 | 115.1 | 160.2 | 2972.7 | 14664.4 | 16282.2 | 16089.3 |
| 60° | 29.6 | 45.1 | 62.2 | 79.3 | 87.1 | 108.9 | 152.4 | 2880.9 | 14452.9 | 16126.7 | 16237.1 |
| 62.5° | 24.9 | 38.9 | 54.4 | 63.8 | 74.7 | 90.2 | 132.2 | 2548.0 | 13427.7 | 15422.0 | 15963.3 |
| 65° | 21.8 | 34.2 | 46.7 | 52.9 | 62.2 | 77.8 | 116.7 | 2039.4 | 12295.3 | 14466.9 | 15179.3 |
| 67.5° | 20.2 | 31.1 | 40.4 | 45.1 | 54.4 | 71.6 | 104.2 | 1440.5 | 10828.4 | 13255.1 | 14001.7 |
| 70° | 18.7 | 29.6 | 35.8 | 42.0 | 48.2 | 60.7 | 88.7 | 840.0 | 8341.0 | 11130.1 | 11918.8 |
| 72.5° | 18.7 | 28.0 | 31.1 | 35.8 | 42.0 | 54.4 | 82.4 | 454.2 | 5702.7 | 8490.3 | 9509.2 |
| 75° | 18.7 | 26.4 | 28.0 | 31.1 | 37.3 | 49.8 | 73.1 | 238.0 | 3686.7 | 5898.7 | 7280.1 |
| 77.5° | 18.7 | 24.9 | 28.0 | 29.6 | 35.8 | 43.6 | 63.8 | 149.3 | 2456.3 | 4131.6 | 4920.3 |
| 80° | 20.2 | 24.9 | 26.4 | 29.6 | 34.2 | 40.4 | 52.9 | 99.6 | 1443.6 | 2485.8 | 2994.5 |
| 82.5° | 21.8 | 24.9 | 28.0 | 31.1 | 35.8 | 38.9 | 46.7 | 62.2 | 665.8 | 1644.2 | 1860.5 |
| 85° | 23.3 | 26.4 | 29.6 | 32.7 | 37.3 | 38.9 | 43.6 | 45.1 | 108.9 | 742.0 | 1003.3 |
| 87.5° | 24.9 | 28.0 | 31.1 | 34.2 | 40.4 | 40.4 | 40.4 | 40.4 | 37.3 | 79.3 | 202.2 |
| 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: P454206

CATALOG NUMBER: GALN-SA5B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 | 6763.6 |
| 2.5° | 7631.7 | 7807.4 | 7930.3 | 7961.4 | 7872.8 | 7832.3 | 7720.3 | 7546.1 | 7440.3 | 7435.7 |
| 5° | 8042.3 | 8454.6 | 8740.8 | 8789.0 | 8617.9 | 8328.6 | 7984.8 | 7541.4 | 7281.7 | 7203.9 |
| 7.5° | 7972.3 | 8694.1 | 9154.6 | 9221.5 | 8933.7 | 8381.4 | 7715.7 | 7001.6 | 6718.5 | 6598.8 |
| 10° | 7684.5 | 8565.0 | 9223.0 | 9328.8 | 8944.6 | 8166.8 | 7320.5 | 6524.1 | 6172.5 | 6080.7 |
| 12.5° | 7438.8 | 8328.6 | 8913.5 | 9059.7 | 8768.8 | 7992.5 | 7084.1 | 6217.6 | 5841.2 | 5755.6 |
| 15° | 7331.4 | 8048.6 | 8406.3 | 8481.0 | 8432.8 | 7883.7 | 7059.2 | 6171.0 | 5740.1 | 5646.7 |
| 17.5° | 7438.8 | 7810.5 | 7855.7 | 7931.9 | 8039.2 | 7872.8 | 7298.8 | 6424.5 | 5959.4 | 5844.3 |
| 20° | 7720.3 | 7603.7 | 7417.0 | 7449.7 | 7695.4 | 7917.9 | 7725.0 | 6986.1 | 6419.9 | 6297.0 |
| 22.5° | 8199.4 | 7552.3 | 7129.2 | 7101.2 | 7412.3 | 8068.8 | 8350.3 | 7746.8 | 7090.3 | 6969.0 |
| 25° | 8787.4 | 7681.4 | 7023.4 | 6962.8 | 7301.9 | 8289.7 | 9030.1 | 8678.6 | 7961.4 | 7776.3 |
| 27.5° | 9428.3 | 7949.0 | 7023.4 | 6964.3 | 7292.5 | 8485.7 | 9611.9 | 9503.0 | 8863.7 | 8661.4 |
| 30° | 9779.9 | 8169.9 | 7124.5 | 7057.6 | 7407.7 | 8599.2 | 9923.0 | 10235.7 | 9541.9 | 9291.5 |
| 32.5° | 10094.1 | 8476.3 | 7322.1 | 7196.1 | 7648.8 | 8767.2 | 10201.5 | 10857.9 | 10081.7 | 9913.7 |
| 35° | 10383.5 | 8804.6 | 7594.3 | 7448.1 | 7966.1 | 8997.5 | 10509.5 | 11511.3 | 10833.0 | 10579.5 |
| 37.5° | 10702.4 | 9185.7 | 8019.0 | 7894.5 | 8496.6 | 9445.5 | 10875.0 | 12369.9 | 11571.9 | 11253.0 |
| 40° | 11049.3 | 9627.5 | 8717.4 | 8664.6 | 9339.7 | 9952.6 | 11337.0 | 13286.2 | 12415.1 | 12052.6 |
| 42.5° | 11402.4 | 10136.1 | 9573.0 | 9660.1 | 10294.8 | 10663.5 | 11811.5 | 13990.9 | 13105.7 | 12705.9 |
| 45° | 11722.8 | 10786.4 | 10685.3 | 11116.1 | 11408.6 | 11357.3 | 12163.0 | 14487.1 | 13707.7 | 13325.1 |
| 47.5° | 12127.3 | 11733.7 | 12030.8 | 12695.1 | 12702.8 | 12111.7 | 12429.1 | 14893.1 | 14225.7 | 13843.1 |
| 50° | 12579.9 | 12852.2 | 13768.4 | 14445.1 | 14263.1 | 12853.7 | 12740.2 | 15373.8 | 14760.9 | 14454.4 |
| 52.5° | 13104.2 | 14104.4 | 15373.8 | 16125.1 | 15700.4 | 13662.6 | 13258.2 | 15893.3 | 15610.2 | 15316.2 |
| 55° | 13714.0 | 14958.4 | 16974.4 | 17573.3 | 17145.6 | 14667.5 | 14045.3 | 16598.0 | 16570.0 | 16369.3 |
| 57.5° | 14403.1 | 15860.7 | 17901.6 | 18712.0 | 18330.9 | 15846.7 | 15145.1 | 17262.2 | 17156.4 | 17044.4 |
| 59° | 14947.5 | 16324.2 | 18310.7 | 19150.7 | 18920.5 | 16672.7 | 15884.0 | 17676.0 | 17291.8 | 17123.8 |
| 60° | 15277.3 | 16638.4 | 18461.6 | 19209.8 | 19156.9 | 17164.2 | 16352.2 | 17878.2 | 17290.2 | 17056.9 |
| 62.5° | 16255.8 | 17187.6 | 18404.0 | 18946.9 | 19153.8 | 18106.9 | 17725.8 | 18100.7 | 16969.8 | 16627.6 |
| 65° | 16604.2 | 17005.6 | 17450.5 | 17383.6 | 17560.9 | 18058.7 | 18603.1 | 17856.5 | 16285.3 | 15798.4 |
| 67.5° | 15926.0 | 15009.8 | 15166.9 | 14720.4 | 14633.3 | 16055.1 | 18246.9 | 16661.8 | 14946.0 | 14350.2 |
| 70° | 13424.6 | 11498.8 | 11419.5 | 11624.8 | 11061.7 | 12998.4 | 16384.9 | 14361.1 | 12735.5 | 12060.4 |
| 72.5° | 10567.0 | 8126.3 | 7457.4 | 8213.4 | 8196.3 | 9916.8 | 13611.3 | 10190.6 | 8603.9 | 8546.3 |
| 75° | 8309.9 | 5657.6 | 4965.4 | 5088.3 | 5324.7 | 7179.0 | 10840.8 | 6471.2 | 5298.3 | 4828.5 |
| 77.5° | 5578.3 | 4008.7 | 3739.6 | 3588.7 | 3843.8 | 4609.2 | 6858.5 | 3509.4 | 2971.2 | 2814.0 |
| 80° | 3215.4 | 2912.0 | 3307.2 | 3002.3 | 3139.2 | 2904.3 | 3411.4 | 1610.0 | 1336.2 | 1446.7 |
| 82.5° | 2092.2 | 1658.2 | 1767.1 | 1312.9 | 1795.1 | 1810.7 | 1095.1 | 476.0 | 402.9 | 427.8 |
| 85° | 1308.2 | 777.8 | 437.1 | 311.1 | 619.1 | 1138.7 | 342.2 | 29.6 | 34.2 | 29.6 |
| 87.5° | 339.1 | 129.1 | 54.4 | 80.9 | 99.6 | 88.7 | 79.3 | 4.7 | 1.6 | 3.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)