

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: P528627

Luminaire Tested: **GALN-SA3D-727-U-SLR-GRSBK**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P528627
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: McGRAW-EDISON
Catalog Number: GALN-SA3D-727-U-SLR-GRSBK
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 70 CRI, 2700K, 1200mA 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: 10677 lumens
Efficiency: N/A
Efficacy: 58.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G1

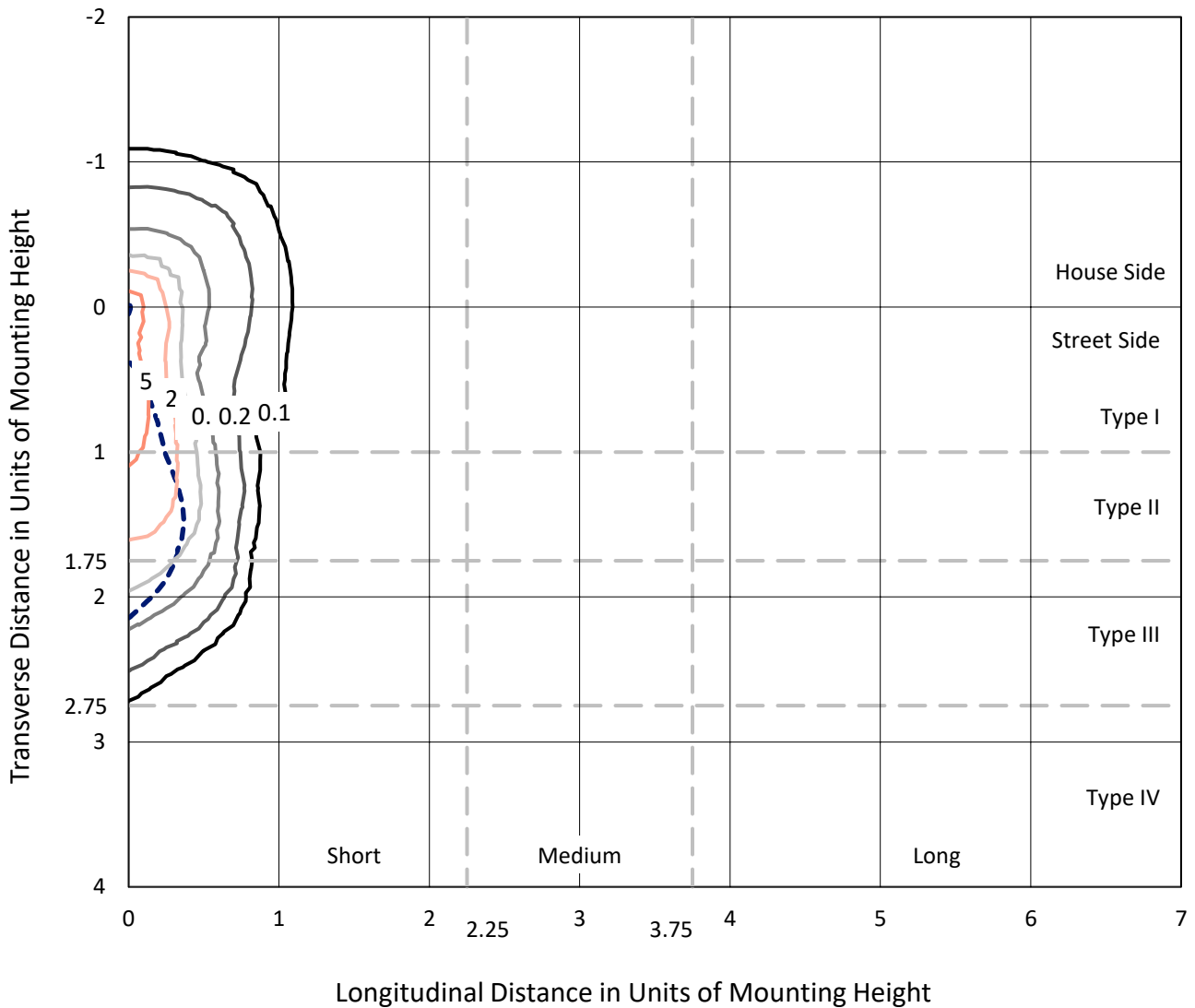
Input Watts (W): 184
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

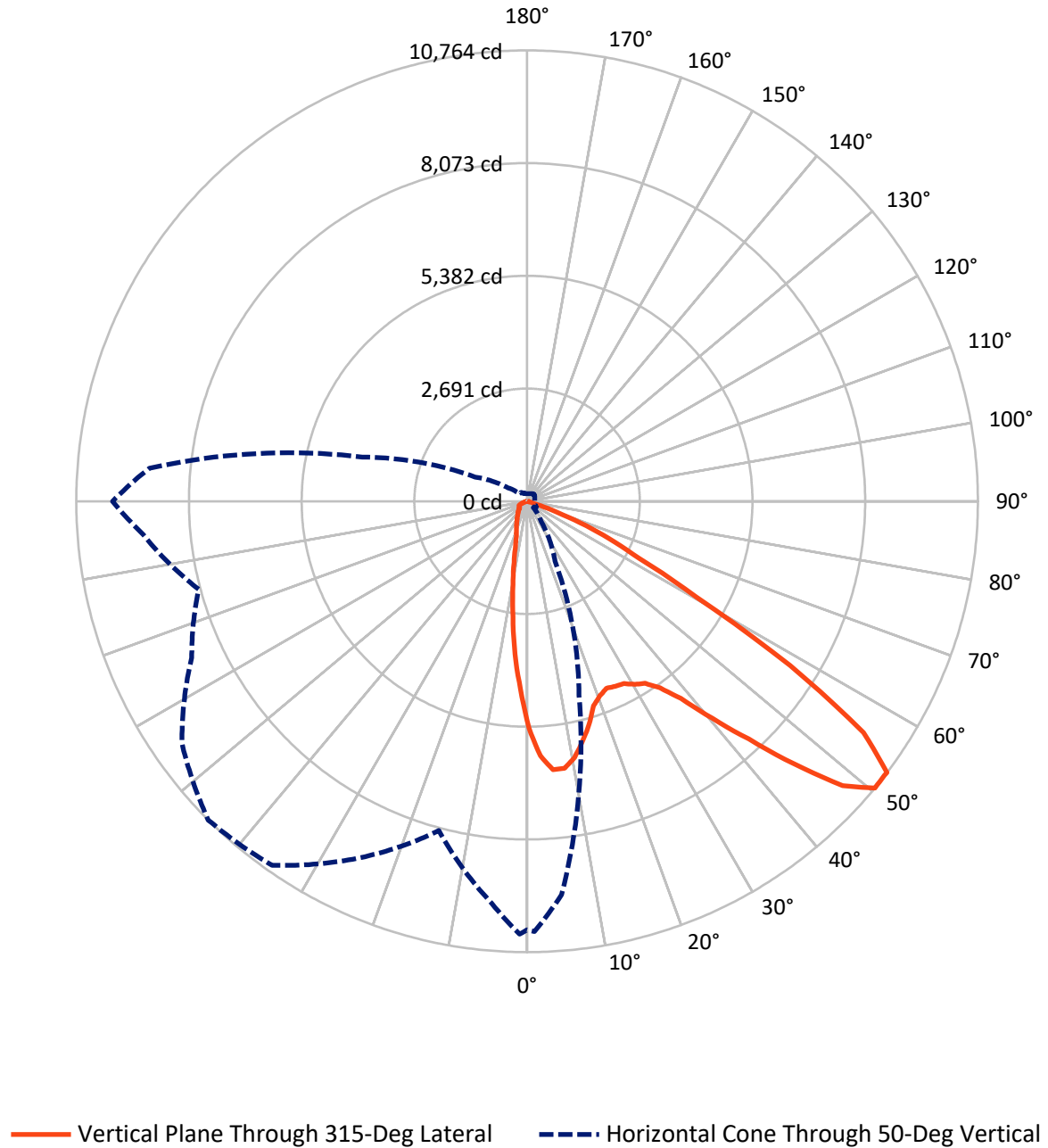
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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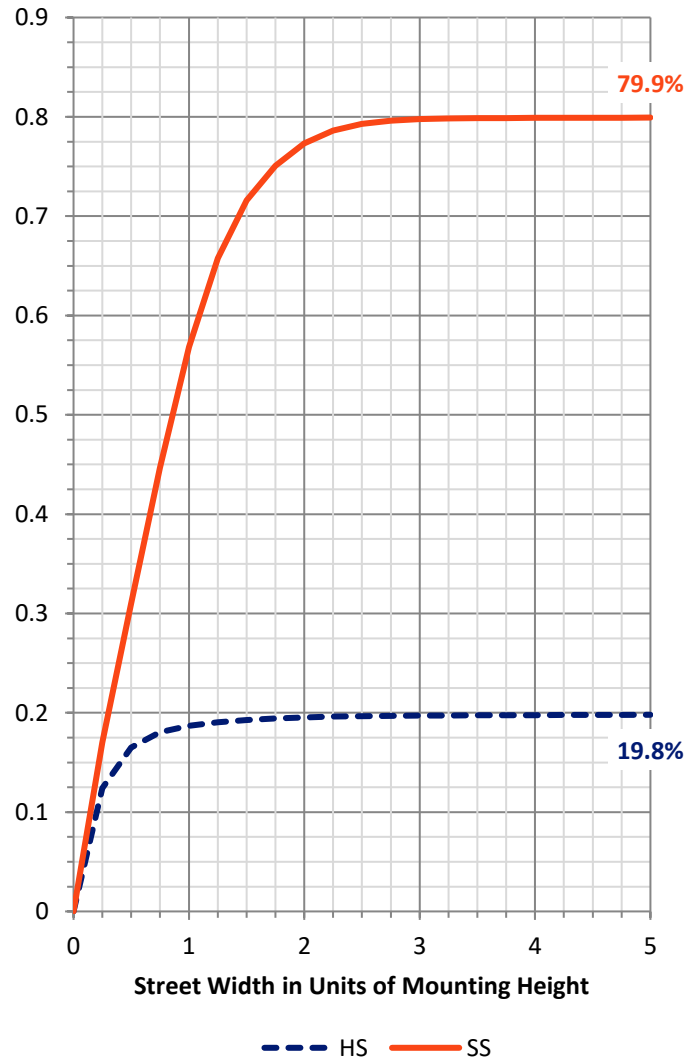
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2138.6 | 0.0 | 2138.6 |
| | % Fixture | 20.0 | 0.0 | 20.0 |
| Street Side | Lumens | 8538.4 | 0.0 | 8538.4 |
| | % Fixture | 80.0 | 0.0 | 80.0 |
| Total | Lumens | 10677.0 | 0.0 | 10677.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 394.7 | 3.7 |
| 10°-20° | 784.4 | 7.3 |
| 20°-30° | 1178.4 | 11.0 |
| 30°-40° | 1768.7 | 16.6 |
| 40°-50° | 2485.8 | 23.3 |
| 50°-60° | 2681.4 | 25.1 |
| 60°-70° | 1245.0 | 11.7 |
| 70°-80° | 117.1 | 1.1 |
| 80°-90° | 21.6 | 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° | 10677.0 | 100.0 |
| 0°-180° | 10677.0 | 100.0 |

Coefficient of Utilization



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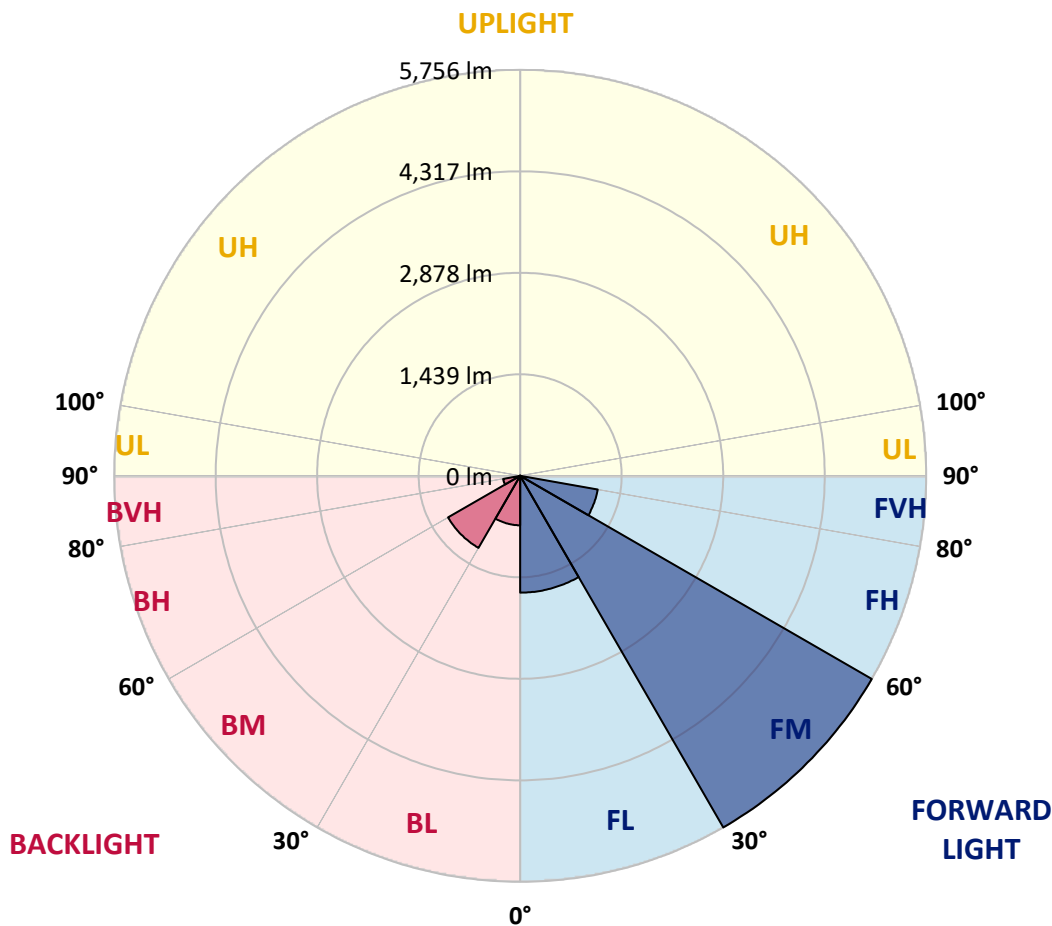
CATALOG NUMBER: GALN-SA3D-727-U-SLR-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1656.4 | 15.5 | | | |
| FM (30°-60°) | 5755.7 | 53.9 | | | |
| FH (60°-80°) | 1116.5 | 10.5 | | | G1/1800 |
| FVH (80°-90°) | 9.7 | 0.1 | | | G0/10 |
| BL (0°-30°) | 701.0 | 6.6 | B2/1000 | | |
| BM (30°-60°) | 1180.2 | 11.1 | B2/2500 | | |
| BH (60°-80°) | 245.6 | 2.3 | B1/500 | | G1/500 |
| BVH (80°-90°) | 11.9 | 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-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 |
| 2.5° | 5628.5 | 5541.7 | 5431.5 | 5340.4 | 5204.9 | 4931.6 | 4857.5 | 4768.5 | 4694.3 | 4594.8 | 4455.0 |
| 5° | 5118.0 | 5090.5 | 5039.6 | 4696.5 | 4448.6 | 4118.1 | 3847.0 | 3732.6 | 3582.2 | 3459.3 | 3370.3 |
| 7.5° | 4728.2 | 4618.1 | 4457.1 | 4111.8 | 3715.6 | 3361.9 | 3061.1 | 2885.2 | 2686.1 | 2618.3 | 2497.6 |
| 10° | 4310.9 | 4336.3 | 4099.1 | 3614.0 | 3135.2 | 2849.2 | 2662.8 | 2493.3 | 2313.3 | 2194.6 | 2023.1 |
| 12.5° | 4177.4 | 4094.8 | 3912.7 | 3313.1 | 2904.3 | 2637.4 | 2410.7 | 2201.0 | 2010.3 | 1819.7 | 1654.5 |
| 15° | 4264.3 | 4137.2 | 3883.0 | 3249.6 | 2726.4 | 2393.8 | 2109.9 | 1826.0 | 1650.2 | 1406.6 | 1235.0 |
| 17.5° | 4575.7 | 4474.0 | 4133.0 | 3317.4 | 2635.3 | 2160.7 | 1739.2 | 1446.9 | 1177.8 | 957.5 | 870.7 |
| 20° | 5094.7 | 4950.7 | 4522.7 | 3404.2 | 2499.7 | 1879.0 | 1410.8 | 1050.7 | 796.5 | 703.3 | 654.6 |
| 22.5° | 5603.1 | 5524.7 | 4984.6 | 3571.6 | 2378.9 | 1629.0 | 1059.2 | 707.5 | 595.3 | 578.3 | 546.5 |
| 25° | 6571.2 | 6336.1 | 5690.0 | 3874.5 | 2285.7 | 1393.9 | 798.6 | 569.8 | 504.2 | 491.5 | 495.7 |
| 27.5° | 7147.4 | 6950.4 | 6342.4 | 4075.8 | 2181.9 | 1213.8 | 675.8 | 523.2 | 478.8 | 451.2 | 440.6 |
| 30° | 7700.3 | 7471.5 | 6666.5 | 4194.4 | 1959.5 | 1023.2 | 599.5 | 502.1 | 491.5 | 451.2 | 438.5 |
| 32.5° | 8126.1 | 7901.6 | 7134.7 | 4372.3 | 1868.4 | 900.3 | 493.6 | 391.9 | 364.4 | 360.1 | 398.3 |
| 35° | 8778.6 | 8539.2 | 7535.1 | 4469.8 | 1798.5 | 836.8 | 427.9 | 349.5 | 317.8 | 305.0 | 307.2 |
| 37.5° | 9386.6 | 9223.4 | 7905.8 | 4507.9 | 1724.4 | 817.7 | 383.4 | 313.5 | 286.0 | 277.5 | 275.4 |
| 40° | 9895.0 | 9530.6 | 8257.5 | 4548.2 | 1692.6 | 781.7 | 355.9 | 286.0 | 266.9 | 254.2 | 254.2 |
| 42.5° | 10128.0 | 9757.3 | 8651.5 | 4524.9 | 1684.1 | 724.5 | 355.9 | 262.7 | 247.9 | 235.1 | 233.0 |
| 45° | 10077.1 | 9926.7 | 8827.3 | 4514.3 | 1684.1 | 667.3 | 324.1 | 256.3 | 235.1 | 218.2 | 214.0 |
| 47.5° | 10208.5 | 10011.5 | 9047.6 | 4558.8 | 1650.2 | 627.0 | 273.3 | 269.0 | 222.4 | 201.2 | 197.0 |
| 50° | 10231.8 | 10269.9 | 9431.0 | 4789.7 | 1576.1 | 576.2 | 214.0 | 264.8 | 214.0 | 182.2 | 177.9 |
| 52° | 10384.3 | 10147.1 | 9547.5 | 4912.5 | 1497.7 | 538.1 | 180.1 | 226.7 | 205.5 | 169.5 | 165.2 |
| 52.5° | 10174.6 | 10329.2 | 9575.1 | 4957.0 | 1506.2 | 512.6 | 173.7 | 222.4 | 201.2 | 169.5 | 158.9 |
| 55° | 9939.4 | 10087.7 | 9462.8 | 5052.3 | 1381.2 | 402.5 | 135.6 | 161.0 | 182.2 | 148.3 | 141.9 |
| 57.5° | 8638.8 | 8789.2 | 8223.6 | 4626.5 | 1124.9 | 283.9 | 112.3 | 120.7 | 161.0 | 137.7 | 131.3 |
| 60° | 7679.1 | 7571.1 | 6901.7 | 3859.7 | 798.6 | 158.9 | 89.0 | 93.2 | 175.8 | 127.1 | 125.0 |
| 62.5° | 7018.2 | 6787.3 | 5768.4 | 2980.6 | 487.2 | 105.9 | 69.9 | 72.0 | 135.6 | 118.6 | 118.6 |
| 65° | 5192.2 | 4933.7 | 3832.2 | 1802.7 | 239.4 | 74.1 | 53.0 | 57.2 | 84.7 | 101.7 | 101.7 |
| 67.5° | 2963.6 | 2864.1 | 1851.5 | 813.5 | 99.6 | 46.6 | 40.2 | 44.5 | 65.7 | 82.6 | 78.4 |
| 70° | 1362.1 | 1222.3 | 711.8 | 171.6 | 46.6 | 31.8 | 31.8 | 36.0 | 53.0 | 61.4 | 57.2 |
| 72.5° | 398.3 | 377.1 | 173.7 | 27.5 | 19.1 | 19.1 | 21.2 | 27.5 | 40.2 | 46.6 | 42.4 |
| 75° | 29.7 | 19.1 | 12.7 | 8.5 | 8.5 | 12.7 | 16.9 | 27.5 | 40.2 | 44.5 | 36.0 |
| 77.5° | 2.1 | 4.2 | 2.1 | 2.1 | 6.4 | 12.7 | 19.1 | 33.9 | 53.0 | 55.1 | 40.2 |
| 80° | 2.1 | 2.1 | 0.0 | 2.1 | 6.4 | 12.7 | 21.2 | 38.1 | 59.3 | 63.6 | 33.9 |
| 82.5° | 0.0 | 0.0 | 0.0 | 2.1 | 8.5 | 16.9 | 25.4 | 40.2 | 55.1 | 67.8 | 36.0 |
| 85° | 0.0 | 0.0 | 0.0 | 2.1 | 12.7 | 23.3 | 29.7 | 10.6 | 6.4 | 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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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 |
| 2.5° | 4554.5 | 4499.4 | 4478.3 | 4497.3 | 4491.0 | 4484.6 | 4601.1 | 4575.7 | 4571.5 | 4609.6 | 4601.1 |
| 5° | 3419.1 | 3321.6 | 3588.5 | 3480.5 | 3592.8 | 3660.6 | 3673.3 | 3679.6 | 3758.0 | 3675.4 | 3783.4 |
| 7.5° | 2436.1 | 2461.6 | 2459.4 | 2531.5 | 2660.7 | 2775.1 | 2842.9 | 2789.9 | 2785.7 | 2775.1 | 2728.5 |
| 10° | 1946.8 | 1902.3 | 1893.8 | 1876.9 | 1917.1 | 2014.6 | 2097.2 | 2031.5 | 1984.9 | 2048.5 | 2029.4 |
| 12.5° | 1590.9 | 1529.5 | 1495.6 | 1427.8 | 1429.9 | 1495.6 | 1495.6 | 1495.6 | 1542.2 | 1578.2 | 1605.7 |
| 15° | 1220.2 | 1169.3 | 1169.3 | 1101.6 | 1086.7 | 1088.8 | 1122.7 | 1127.0 | 1201.1 | 1222.3 | 1232.9 |
| 17.5° | 853.7 | 826.2 | 857.9 | 885.5 | 868.5 | 872.8 | 885.5 | 889.7 | 900.3 | 891.8 | 913.0 |
| 20° | 656.7 | 652.5 | 660.9 | 709.7 | 745.7 | 766.9 | 752.0 | 730.8 | 718.1 | 688.5 | 688.5 |
| 22.5° | 557.1 | 565.6 | 580.4 | 620.7 | 667.3 | 680.0 | 663.1 | 614.3 | 576.2 | 572.0 | 574.1 |
| 25° | 495.7 | 504.2 | 527.5 | 552.9 | 578.3 | 599.5 | 582.6 | 546.5 | 525.4 | 506.3 | 506.3 |
| 27.5° | 457.6 | 461.8 | 474.5 | 493.6 | 514.8 | 531.7 | 525.4 | 506.3 | 483.0 | 474.5 | 455.5 |
| 30° | 427.9 | 434.3 | 449.1 | 453.3 | 472.4 | 480.9 | 470.3 | 466.0 | 451.2 | 440.6 | 434.3 |
| 32.5° | 413.1 | 411.0 | 421.6 | 425.8 | 427.9 | 434.3 | 421.6 | 427.9 | 425.8 | 408.8 | 402.5 |
| 35° | 311.4 | 328.3 | 355.9 | 379.2 | 385.5 | 394.0 | 391.9 | 383.4 | 360.1 | 341.1 | 317.8 |
| 37.5° | 279.6 | 290.2 | 305.0 | 324.1 | 349.5 | 360.1 | 355.9 | 334.7 | 307.2 | 294.5 | 290.2 |
| 40° | 258.4 | 264.8 | 277.5 | 290.2 | 315.6 | 334.7 | 319.9 | 300.8 | 279.6 | 269.0 | 262.7 |
| 42.5° | 239.4 | 241.5 | 247.9 | 260.6 | 279.6 | 309.3 | 283.9 | 258.4 | 250.0 | 243.6 | 239.4 |
| 45° | 218.2 | 218.2 | 226.7 | 233.0 | 254.2 | 281.7 | 256.3 | 233.0 | 228.8 | 224.5 | 222.4 |
| 47.5° | 201.2 | 203.4 | 207.6 | 216.1 | 233.0 | 252.1 | 235.1 | 216.1 | 205.5 | 203.4 | 199.1 |
| 50° | 180.1 | 182.2 | 190.7 | 199.1 | 220.3 | 230.9 | 220.3 | 199.1 | 188.5 | 182.2 | 182.2 |
| 52° | 163.1 | 169.5 | 177.9 | 194.9 | 209.7 | 226.7 | 214.0 | 190.7 | 177.9 | 171.6 | 167.4 |
| 52.5° | 161.0 | 165.2 | 173.7 | 192.8 | 209.7 | 224.5 | 211.8 | 188.5 | 173.7 | 169.5 | 165.2 |
| 55° | 144.0 | 150.4 | 165.2 | 188.5 | 207.6 | 224.5 | 207.6 | 186.4 | 165.2 | 154.6 | 150.4 |
| 57.5° | 137.7 | 141.9 | 161.0 | 190.7 | 205.5 | 224.5 | 207.6 | 186.4 | 165.2 | 146.2 | 141.9 |
| 60° | 131.3 | 139.8 | 161.0 | 184.3 | 203.4 | 226.7 | 209.7 | 184.3 | 161.0 | 137.7 | 137.7 |
| 62.5° | 125.0 | 131.3 | 158.9 | 180.1 | 194.9 | 218.2 | 201.2 | 180.1 | 154.6 | 131.3 | 129.2 |
| 65° | 108.0 | 118.6 | 139.8 | 150.4 | 167.4 | 188.5 | 171.6 | 156.8 | 135.6 | 116.5 | 114.4 |
| 67.5° | 82.6 | 86.9 | 103.8 | 116.5 | 127.1 | 146.2 | 137.7 | 118.6 | 103.8 | 89.0 | 89.0 |
| 70° | 57.2 | 61.4 | 74.1 | 80.5 | 91.1 | 101.7 | 95.3 | 80.5 | 69.9 | 61.4 | 59.3 |
| 72.5° | 40.2 | 42.4 | 46.6 | 50.8 | 55.1 | 59.3 | 57.2 | 46.6 | 40.2 | 38.1 | 36.0 |
| 75° | 31.8 | 36.0 | 38.1 | 36.0 | 33.9 | 31.8 | 31.8 | 27.5 | 23.3 | 21.2 | 21.2 |
| 77.5° | 31.8 | 33.9 | 31.8 | 27.5 | 23.3 | 21.2 | 19.1 | 16.9 | 12.7 | 10.6 | 12.7 |
| 80° | 27.5 | 27.5 | 27.5 | 23.3 | 21.2 | 19.1 | 16.9 | 14.8 | 12.7 | 10.6 | 10.6 |
| 82.5° | 29.7 | 29.7 | 27.5 | 23.3 | 23.3 | 19.1 | 19.1 | 16.9 | 14.8 | 10.6 | 10.6 |
| 85° | 0.0 | 0.0 | 0.0 | 4.2 | 10.6 | 19.1 | 19.1 | 16.9 | 14.8 | 12.7 | 12.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 4.2 | 8.5 | 10.6 | 12.7 | 12.7 | 12.7 |
| 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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CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 0° | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 |
| 2.5° | 4677.4 | 4757.9 | 4910.4 | 5062.9 | 5156.1 | 5266.3 | 5465.4 | 5571.3 | 5709.0 | 5776.8 | 5910.3 |
| 5° | 3768.6 | 3959.3 | 4027.0 | 4200.8 | 4387.2 | 4573.6 | 4870.2 | 5196.4 | 5467.5 | 5654.0 | 5895.5 |
| 7.5° | 2749.7 | 2794.1 | 3056.8 | 3173.3 | 3478.4 | 3817.3 | 4221.9 | 4632.9 | 4976.1 | 5281.1 | 5465.4 |
| 10° | 2061.2 | 2224.3 | 2389.5 | 2612.0 | 2857.7 | 3207.2 | 3594.9 | 4048.2 | 4493.1 | 4798.1 | 5031.2 |
| 12.5° | 1656.6 | 1785.8 | 2006.1 | 2245.5 | 2548.4 | 2779.3 | 3169.1 | 3618.2 | 4194.4 | 4493.1 | 4800.3 |
| 15° | 1254.1 | 1419.3 | 1669.3 | 1917.1 | 2237.0 | 2480.6 | 2874.6 | 3440.3 | 4181.7 | 4592.7 | 4857.5 |
| 17.5° | 930.0 | 1042.2 | 1266.8 | 1544.3 | 1870.5 | 2213.7 | 2745.4 | 3421.2 | 4323.6 | 4813.0 | 5086.2 |
| 20° | 711.8 | 749.9 | 891.8 | 1139.7 | 1493.5 | 1942.6 | 2535.7 | 3503.8 | 4743.1 | 5348.9 | 5626.4 |
| 22.5° | 576.2 | 593.1 | 648.2 | 819.8 | 1163.0 | 1705.3 | 2436.1 | 3561.0 | 5215.5 | 5990.8 | 6361.5 |
| 25° | 502.1 | 497.8 | 533.8 | 608.0 | 908.8 | 1482.9 | 2309.0 | 3777.1 | 5793.8 | 6744.9 | 7077.5 |
| 27.5° | 457.6 | 457.6 | 474.5 | 527.5 | 754.1 | 1338.8 | 2228.5 | 3931.7 | 6376.3 | 7408.0 | 7588.0 |
| 30° | 434.3 | 438.5 | 487.2 | 504.2 | 627.0 | 1167.2 | 2095.1 | 4088.5 | 6933.5 | 7831.7 | 8079.5 |
| 32.5° | 402.5 | 385.5 | 375.0 | 417.3 | 527.5 | 1012.6 | 1961.6 | 4154.1 | 7384.7 | 8350.7 | 8562.5 |
| 35° | 309.3 | 300.8 | 313.5 | 345.3 | 453.3 | 881.2 | 1813.3 | 4228.3 | 7903.7 | 8952.3 | 8994.7 |
| 37.5° | 279.6 | 277.5 | 286.0 | 313.5 | 381.3 | 766.9 | 1707.4 | 4209.2 | 8299.8 | 9450.1 | 9335.7 |
| 40° | 258.4 | 258.4 | 264.8 | 288.1 | 341.1 | 686.4 | 1597.3 | 4192.3 | 8683.2 | 10009.4 | 9674.7 |
| 42.5° | 241.5 | 241.5 | 252.1 | 266.9 | 324.1 | 633.4 | 1514.6 | 4169.0 | 9005.2 | 10352.5 | 9873.8 |
| 45° | 218.2 | 224.5 | 241.5 | 256.3 | 328.3 | 597.4 | 1453.2 | 4080.0 | 9115.4 | 10348.3 | 9778.5 |
| 47.5° | 201.2 | 209.7 | 226.7 | 247.9 | 296.6 | 586.8 | 1410.8 | 4001.6 | 9077.3 | 10094.1 | 9479.8 |
| 50° | 182.2 | 192.8 | 216.1 | 252.1 | 252.1 | 565.6 | 1366.4 | 4071.5 | 9049.7 | 9897.1 | 9193.8 |
| 52° | 169.5 | 177.9 | 207.6 | 245.7 | 220.3 | 521.1 | 1338.8 | 4207.1 | 9162.0 | 9871.7 | 9066.7 |
| 52.5° | 167.4 | 173.7 | 201.2 | 241.5 | 209.7 | 512.6 | 1319.8 | 4238.9 | 9198.0 | 9808.1 | 9153.5 |
| 55° | 148.3 | 156.8 | 184.3 | 188.5 | 171.6 | 421.6 | 1258.3 | 4310.9 | 9020.1 | 9683.1 | 9070.9 |
| 57.5° | 139.8 | 144.0 | 163.1 | 154.6 | 148.3 | 317.8 | 1082.5 | 4198.6 | 8011.7 | 8600.6 | 8439.6 |
| 60° | 129.2 | 133.5 | 152.5 | 120.7 | 125.0 | 222.4 | 813.5 | 3645.7 | 6433.5 | 7166.5 | 7456.7 |
| 62.5° | 125.0 | 122.9 | 144.0 | 97.4 | 105.9 | 161.0 | 574.1 | 2963.6 | 4957.0 | 5899.7 | 6401.8 |
| 65° | 110.2 | 108.0 | 103.8 | 82.6 | 91.1 | 125.0 | 343.2 | 1934.1 | 3493.2 | 4463.4 | 4738.8 |
| 67.5° | 84.7 | 89.0 | 76.3 | 65.7 | 76.3 | 97.4 | 190.7 | 866.4 | 1832.4 | 2677.6 | 2900.1 |
| 70° | 59.3 | 63.6 | 61.4 | 57.2 | 67.8 | 80.5 | 110.2 | 296.6 | 758.4 | 1406.6 | 1550.7 |
| 72.5° | 36.0 | 44.5 | 46.6 | 48.7 | 59.3 | 69.9 | 78.4 | 95.3 | 201.2 | 497.8 | 618.6 |
| 75° | 21.2 | 29.7 | 36.0 | 42.4 | 48.7 | 59.3 | 65.7 | 67.8 | 69.9 | 93.2 | 150.4 |
| 77.5° | 14.8 | 21.2 | 31.8 | 40.2 | 48.7 | 59.3 | 69.9 | 74.1 | 69.9 | 65.7 | 69.9 |
| 80° | 12.7 | 21.2 | 29.7 | 38.1 | 50.8 | 61.4 | 69.9 | 69.9 | 67.8 | 59.3 | 63.6 |
| 82.5° | 12.7 | 21.2 | 31.8 | 40.2 | 48.7 | 59.3 | 67.8 | 69.9 | 63.6 | 59.3 | 61.4 |
| 85° | 14.8 | 23.3 | 33.9 | 42.4 | 53.0 | 48.7 | 44.5 | 36.0 | 33.9 | 27.5 | 29.7 |
| 87.5° | 14.8 | 21.2 | 21.2 | 23.3 | 25.4 | 25.4 | 25.4 | 23.3 | 19.1 | 16.9 | 16.9 |
| 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-SA3D-727-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|---------|---------|---------|--------|--------|--------|---------|---------|
| 0° | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 | 5414.6 |
| 2.5° | 5916.6 | 6086.1 | 6079.8 | 6084.0 | 6058.6 | 5887.0 | 5804.4 | 5594.6 | 5654.0 | 5628.5 |
| 5° | 6143.3 | 6310.7 | 6454.7 | 6437.8 | 6242.9 | 6009.9 | 5664.6 | 5338.3 | 5249.4 | 5118.0 |
| 7.5° | 5916.6 | 6319.1 | 6452.6 | 6433.5 | 6145.4 | 5846.7 | 5296.0 | 4969.7 | 4815.1 | 4728.2 |
| 10° | 5556.5 | 6022.6 | 6187.8 | 6221.7 | 6026.8 | 5573.5 | 5067.2 | 4543.9 | 4461.3 | 4310.9 |
| 12.5° | 5351.0 | 5690.0 | 5791.7 | 5882.7 | 5815.0 | 5476.0 | 4893.5 | 4391.4 | 4277.0 | 4177.4 |
| 15° | 5183.7 | 5384.9 | 5427.3 | 5531.1 | 5571.3 | 5389.2 | 4984.6 | 4556.6 | 4274.9 | 4264.3 |
| 17.5° | 5338.3 | 5255.7 | 5101.1 | 5132.8 | 5259.9 | 5391.3 | 5219.7 | 4882.9 | 4609.6 | 4575.7 |
| 20° | 5594.6 | 5230.3 | 4880.8 | 4959.1 | 5065.1 | 5467.5 | 5575.6 | 5338.3 | 5181.6 | 5094.7 |
| 22.5° | 5889.1 | 5274.8 | 4810.8 | 4849.0 | 5050.2 | 5639.1 | 6151.8 | 6020.4 | 5728.1 | 5603.1 |
| 25° | 6433.5 | 5397.6 | 4865.9 | 4891.3 | 5166.7 | 5878.5 | 6672.9 | 6770.3 | 6596.6 | 6571.2 |
| 27.5° | 6965.2 | 5715.4 | 4986.7 | 4929.5 | 5226.0 | 6111.5 | 6988.5 | 7511.8 | 7206.7 | 7147.4 |
| 30° | 7236.4 | 5973.8 | 5166.7 | 5069.3 | 5471.8 | 6253.5 | 7179.2 | 7994.8 | 7727.9 | 7700.3 |
| 32.5° | 7651.6 | 6209.0 | 5306.5 | 5181.6 | 5609.5 | 6429.3 | 7535.1 | 8522.3 | 8263.8 | 8126.1 |
| 35° | 7825.3 | 6465.3 | 5613.7 | 5467.5 | 6003.5 | 6675.0 | 7717.3 | 8992.5 | 8912.0 | 8778.6 |
| 37.5° | 8160.0 | 6740.7 | 5976.0 | 5967.5 | 6480.1 | 6994.9 | 8045.6 | 9632.3 | 9617.5 | 9386.6 |
| 40° | 8187.5 | 7041.5 | 6547.9 | 6814.8 | 7217.3 | 7552.0 | 8333.7 | 9810.2 | 10051.7 | 9895.0 |
| 42.5° | 8229.9 | 7569.0 | 7537.2 | 7757.5 | 8102.8 | 8030.8 | 8344.3 | 9852.6 | 10221.2 | 10128.0 |
| 45° | 8249.0 | 8096.5 | 8543.4 | 8950.2 | 9094.2 | 8657.8 | 8244.7 | 9772.1 | 10310.2 | 10077.1 |
| 47.5° | 8096.5 | 8549.8 | 9356.9 | 10142.8 | 10185.2 | 9043.4 | 8202.4 | 9689.5 | 10363.1 | 10208.5 |
| 50° | 8117.6 | 8833.7 | 10060.2 | 10763.5 | 10608.9 | 9384.4 | 8136.7 | 9638.6 | 10335.6 | 10231.8 |
| 52° | 8066.8 | 8840.0 | 10159.8 | 10750.8 | 10642.8 | 9195.9 | 8024.4 | 9443.7 | 10310.2 | 10384.3 |
| 52.5° | 8124.0 | 8801.9 | 10056.0 | 10759.3 | 10619.4 | 9289.1 | 8009.6 | 9551.8 | 10325.0 | 10174.6 |
| 55° | 7927.0 | 8348.5 | 9448.0 | 9746.7 | 9725.5 | 8431.2 | 7554.2 | 9193.8 | 9937.3 | 9939.4 |
| 57.5° | 7164.4 | 7236.4 | 7410.1 | 7403.7 | 7306.3 | 6628.4 | 6461.1 | 8454.5 | 8859.1 | 8638.8 |
| 60° | 6312.8 | 5298.1 | 4829.9 | 4639.3 | 4531.2 | 4421.1 | 5715.4 | 7734.2 | 7772.3 | 7679.1 |
| 62.5° | 5454.8 | 3673.3 | 3050.5 | 2997.5 | 3022.9 | 3425.4 | 5524.7 | 7448.2 | 7219.4 | 7018.2 |
| 65° | 4402.0 | 2677.6 | 2215.8 | 2145.9 | 2393.8 | 2828.0 | 4471.9 | 5711.2 | 5359.5 | 5192.2 |
| 67.5° | 2764.5 | 1953.1 | 1497.7 | 1366.4 | 1665.0 | 1946.8 | 2938.2 | 3588.5 | 3194.5 | 2963.6 |
| 70° | 1639.6 | 1091.0 | 677.9 | 608.0 | 684.2 | 1038.0 | 1646.0 | 1790.0 | 1480.7 | 1362.1 |
| 72.5° | 646.1 | 400.4 | 188.5 | 161.0 | 167.4 | 364.4 | 605.9 | 591.0 | 447.0 | 398.3 |
| 75° | 173.7 | 120.7 | 65.7 | 53.0 | 44.5 | 67.8 | 97.4 | 63.6 | 23.3 | 29.7 |
| 77.5° | 80.5 | 72.0 | 57.2 | 44.5 | 33.9 | 25.4 | 12.7 | 4.2 | 4.2 | 2.1 |
| 80° | 69.9 | 61.4 | 53.0 | 44.5 | 33.9 | 21.2 | 10.6 | 2.1 | 2.1 | 2.1 |
| 82.5° | 65.7 | 57.2 | 48.7 | 40.2 | 31.8 | 21.2 | 10.6 | 2.1 | 0.0 | 0.0 |
| 85° | 27.5 | 36.0 | 40.2 | 38.1 | 33.9 | 21.2 | 10.6 | 2.1 | 0.0 | 0.0 |
| 87.5° | 14.8 | 12.7 | 10.6 | 8.5 | 6.4 | 4.2 | 4.2 | 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)