

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: P527846

Luminaire Tested: **GALN-SA2D-827-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P527846  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA2D-827-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(2) 80 CRI, 2700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8517 lumens  
Efficiency: N/A  
Efficacy: 68.1 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G1

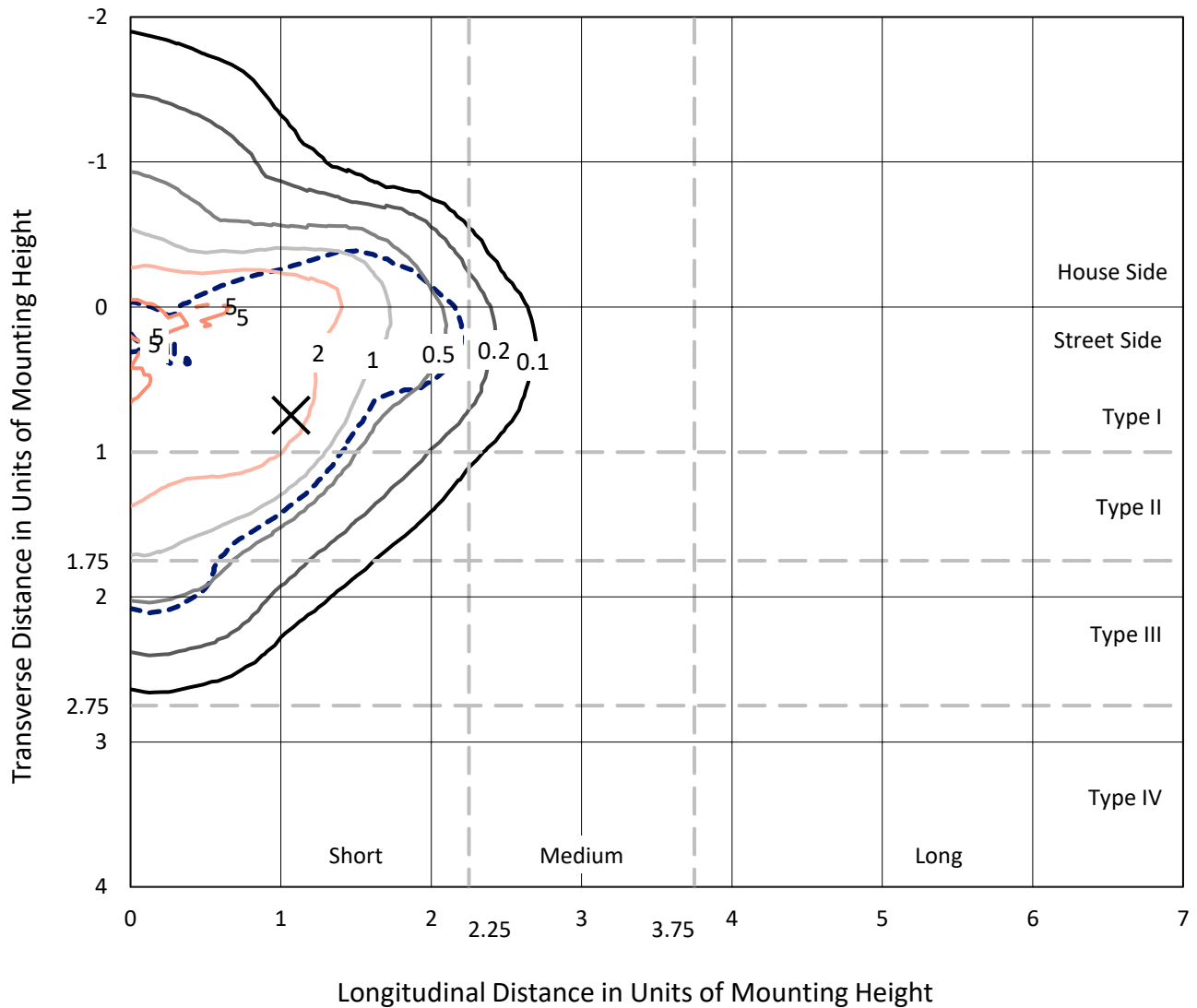
Input Watts (W): 125  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P527846  
 CATALOG NUMBER: GALN-SA2D-827-U-SLL-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

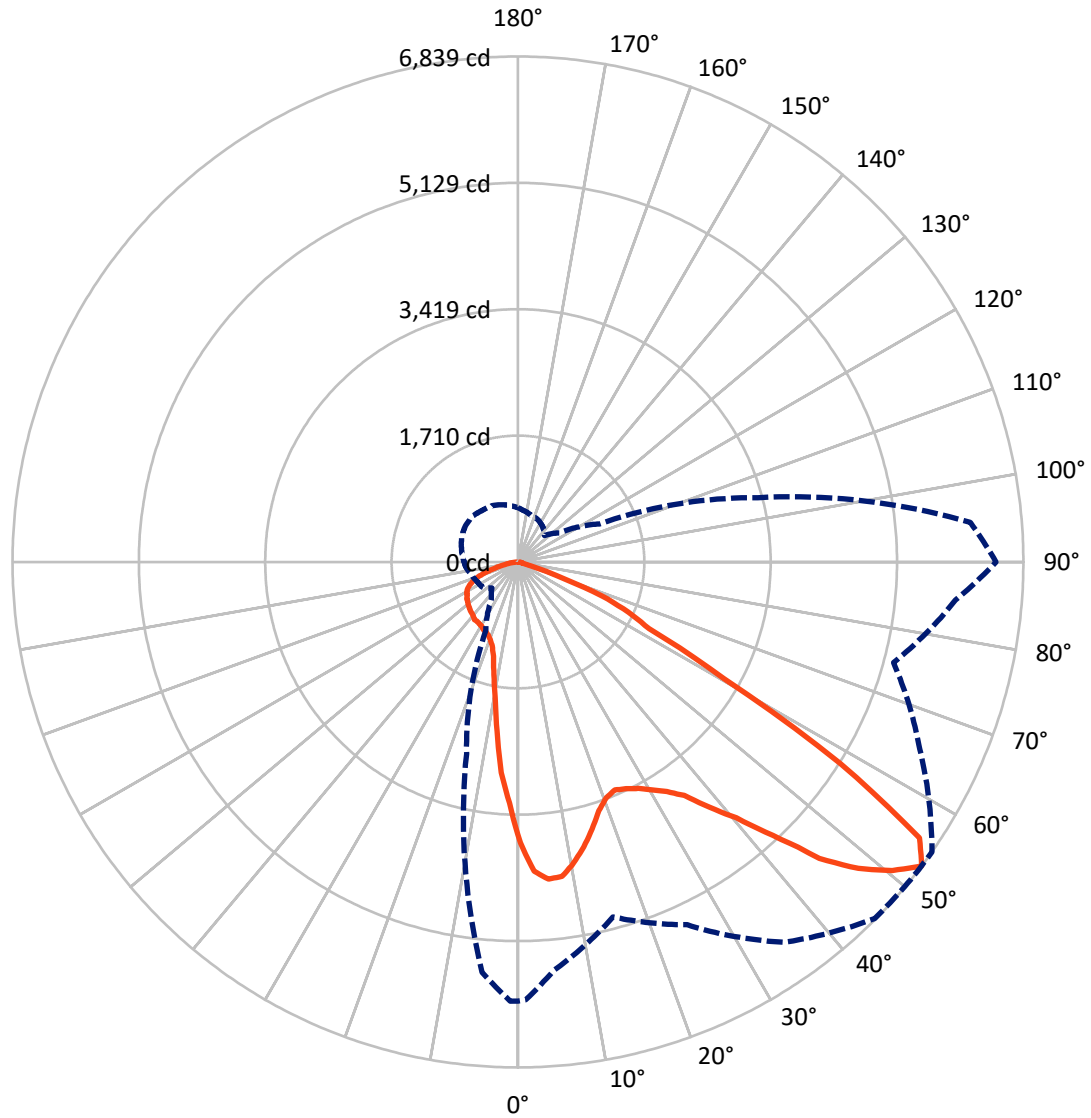
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.5 fc  
 Type II - Short - N/A

REPORT NUMBER: P527846  
CATALOG NUMBER: GALN-SA2D-827-U-SLL-GRSWH

### Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral      - - - Horizontal Cone Through 52.5-Deg Vertical

REPORT NUMBER: P527846  
 CATALOG NUMBER: GALN-SA2D-827-U-SLL-GRSWH

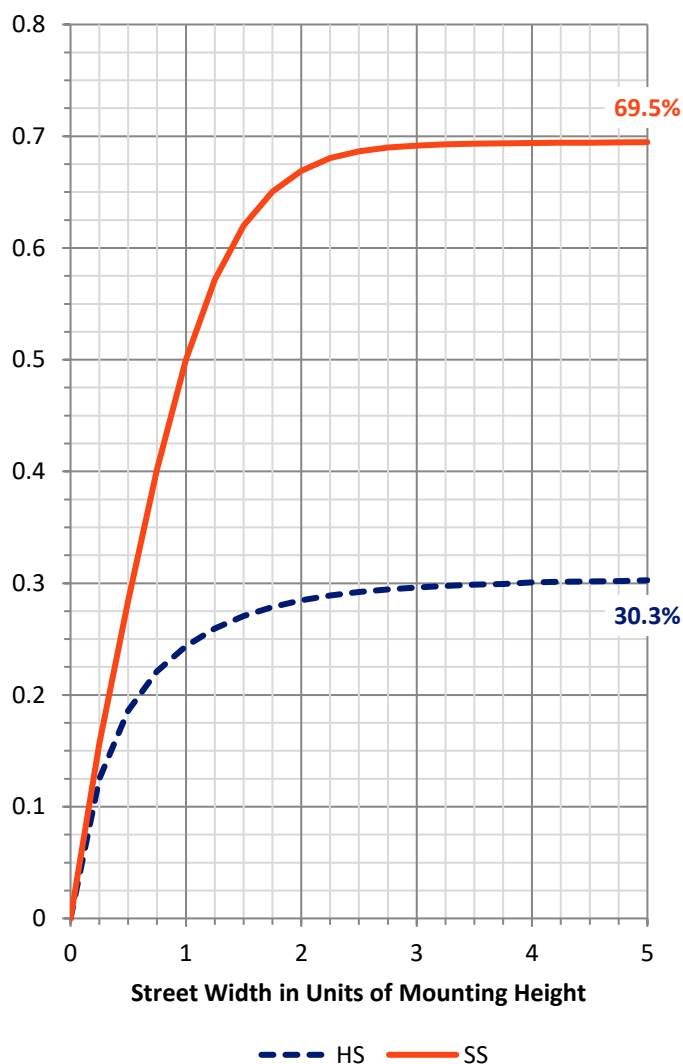
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 2598.1   | 0.0    | 2598.1 |
|                    | % Fixture | 30.5     | 0.0    | 30.5   |
| <b>Street Side</b> | Lumens    | 5918.9   | 0.0    | 5918.9 |
|                    | % Fixture | 69.5     | 0.0    | 69.5   |
| <b>Total</b>       | Lumens    | 8517.0   | 0.0    | 8517.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 290.3  | 3.4       |
| 10°-20°   | 625.8  | 7.3       |
| 20°-30°   | 949.0  | 11.1      |
| 30°-40°   | 1371.1 | 16.1      |
| 40°-50°   | 1832.2 | 21.5      |
| 50°-60°   | 2045.1 | 24.0      |
| 60°-70°   | 1121.8 | 13.2      |
| 70°-80°   | 242.5  | 2.8       |
| 80°-90°   | 39.2   | 0.5       |
| 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°    | 8517.0 | 100.0     |
| 0°-180°   | 8517.0 | 100.0     |

**Coefficient of Utilization**

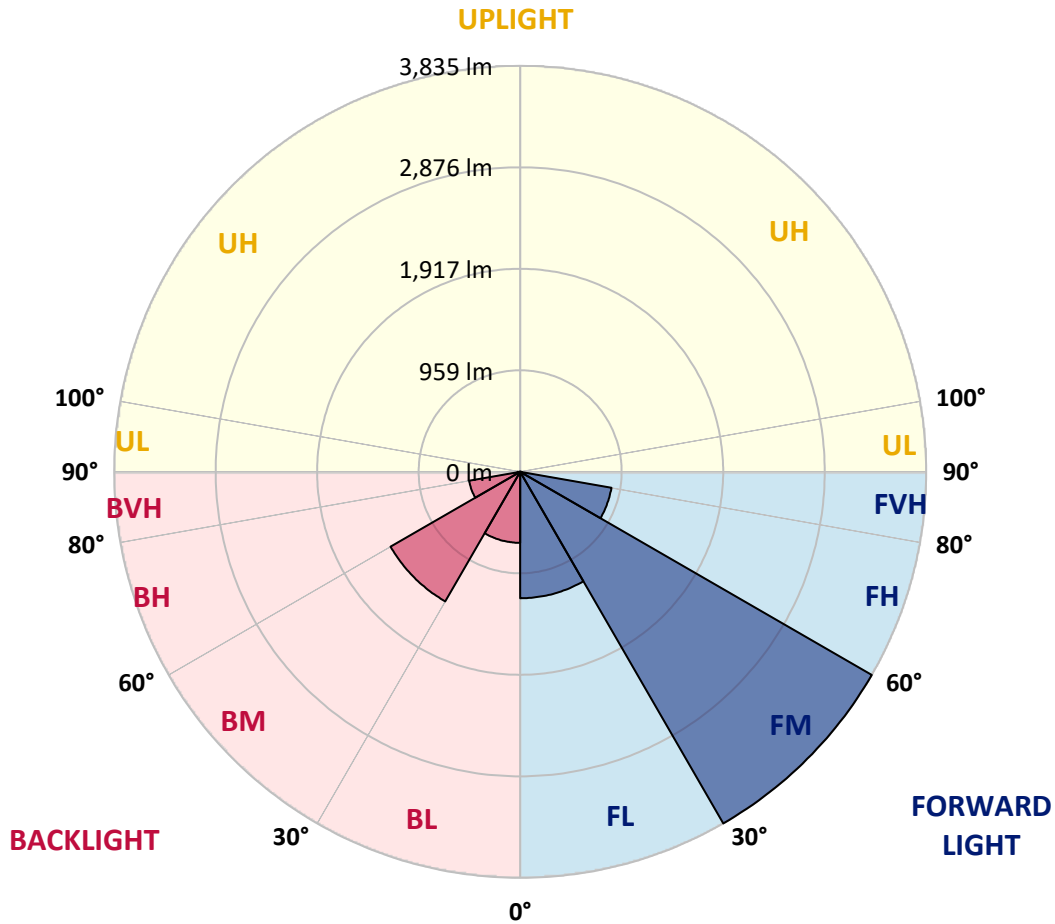


REPORT NUMBER: P527846  
 CATALOG NUMBER: GALN-SA2D-827-U-SLL-GRSWH

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1194.2 | 14.0      |                         |      |         |
| FM (30°-60°)   | 3834.8 | 45.0      |                         |      |         |
| FH (60°-80°)   | 875.3  | 10.3      |                         |      | G1/1800 |
| FVH (80°-90°)  | 14.5   | 0.2       |                         |      | G1/100  |
| BL (0°-30°)    | 670.8  | 7.9       | B2/1000                 |      |         |
| BM (30°-60°)   | 1413.6 | 16.6      | B2/2500                 |      |         |
| BH (60°-80°)   | 489.0  | 5.7       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 24.7   | 0.3       |                         |      | 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 II Short





REPORT NUMBER: P527846

CATALOG NUMBER: GALN-SA2D-827-U-SLL-GRSWH

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 |
| 2.5°  | 3987.0 | 3964.6 | 3984.5 | 4079.1 | 4133.8 | 4171.1 | 4194.7 | 4191.0 | 4101.4 | 4014.4 | 4014.4 |
| 5°    | 3870.1 | 3841.5 | 3882.6 | 4096.5 | 4311.6 | 4330.3 | 4361.4 | 4310.4 | 4178.5 | 4019.4 | 3820.4 |
| 7.5°  | 3531.9 | 3553.0 | 3621.4 | 3902.5 | 4182.3 | 4322.8 | 4360.1 | 4295.4 | 4081.5 | 3784.3 | 3492.1 |
| 10°   | 3239.6 | 3289.4 | 3447.3 | 3750.7 | 4008.2 | 4191.0 | 4232.0 | 4141.2 | 3972.1 | 3607.7 | 3346.6 |
| 12.5° | 3138.9 | 3107.8 | 3283.1 | 3586.6 | 3832.8 | 3931.1 | 3949.7 | 3955.9 | 3841.5 | 3518.2 | 3199.8 |
| 15°   | 3126.4 | 3146.3 | 3283.1 | 3513.2 | 3664.9 | 3669.9 | 3701.0 | 3749.5 | 3764.4 | 3579.1 | 3268.2 |
| 17.5° | 3305.5 | 3281.9 | 3422.4 | 3605.2 | 3533.1 | 3461.0 | 3468.4 | 3538.1 | 3661.2 | 3631.4 | 3483.4 |
| 20°   | 3570.4 | 3623.9 | 3734.6 | 3715.9 | 3521.9 | 3339.1 | 3340.3 | 3406.3 | 3648.8 | 3847.7 | 3783.1 |
| 22.5° | 4010.7 | 4062.9 | 4145.0 | 3919.9 | 3521.9 | 3303.0 | 3260.8 | 3350.3 | 3728.4 | 4105.2 | 4121.3 |
| 25°   | 4412.3 | 4508.1 | 4530.5 | 4265.6 | 3698.5 | 3336.6 | 3309.3 | 3397.6 | 3807.9 | 4356.4 | 4509.3 |
| 27.5° | 4778.0 | 4812.8 | 4911.0 | 4488.2 | 3796.8 | 3359.0 | 3356.5 | 3469.7 | 3908.7 | 4482.0 | 4856.3 |
| 30°   | 5066.5 | 5062.8 | 5118.7 | 4628.7 | 3953.4 | 3484.6 | 3364.0 | 3577.9 | 4040.5 | 4689.7 | 5177.2 |
| 32.5° | 5263.0 | 5305.3 | 5423.4 | 4824.0 | 4019.4 | 3604.0 | 3509.5 | 3704.7 | 4200.9 | 4787.9 | 5403.5 |
| 35°   | 5608.7 | 5682.1 | 5532.8 | 4932.2 | 4228.3 | 3722.1 | 3611.5 | 3877.6 | 4280.5 | 4894.9 | 5680.8 |
| 37.5° | 5934.5 | 5878.6 | 5726.8 | 4990.6 | 4363.8 | 3941.0 | 3837.8 | 4212.1 | 4528.0 | 5127.4 | 5864.9 |
| 40°   | 6143.5 | 6142.2 | 5872.3 | 5037.9 | 4459.6 | 4275.5 | 4269.3 | 4551.6 | 4831.4 | 5274.2 | 6071.3 |
| 42.5° | 6234.2 | 6321.3 | 5932.0 | 5032.9 | 4661.1 | 4681.0 | 4806.6 | 5059.0 | 5046.6 | 5304.0 | 6066.3 |
| 44°   | 6358.6 | 6410.8 | 6035.3 | 5044.1 | 4795.4 | 4954.6 | 5250.5 | 5411.0 | 5234.4 | 5287.8 | 6060.1 |
| 45°   | 6353.6 | 6357.4 | 5888.5 | 5059.0 | 4909.8 | 5183.4 | 5448.3 | 5719.4 | 5399.8 | 5253.0 | 6142.2 |
| 47.5° | 6208.1 | 6165.8 | 5764.2 | 4948.3 | 5266.7 | 5787.8 | 6032.8 | 6196.9 | 5603.7 | 5178.4 | 6040.2 |
| 50°   | 5920.8 | 5872.3 | 5462.0 | 4901.1 | 5341.3 | 6163.4 | 6501.6 | 6561.3 | 5789.0 | 5105.0 | 5939.5 |
| 52.5° | 5940.7 | 5927.1 | 5547.8 | 4972.0 | 5415.9 | 6281.5 | 6823.7 | 6838.6 | 5999.2 | 5259.2 | 5940.7 |
| 55°   | 6296.4 | 6249.2 | 5794.0 | 5060.3 | 5361.2 | 6143.5 | 6618.5 | 6592.4 | 5928.3 | 5166.0 | 6050.2 |
| 57.5° | 5761.7 | 5792.8 | 5453.2 | 4710.8 | 4692.2 | 4994.4 | 5203.3 | 5138.6 | 4947.1 | 4662.3 | 5628.6 |
| 60°   | 4648.6 | 4736.9 | 4769.3 | 3939.8 | 3540.6 | 3385.1 | 3322.9 | 3208.5 | 3240.9 | 3830.3 | 4944.6 |
| 62.5° | 3987.0 | 3982.1 | 4184.8 | 3571.7 | 2319.3 | 1994.8 | 1964.9 | 1991.0 | 2364.1 | 3770.6 | 4842.6 |
| 65°   | 3161.3 | 3245.8 | 3308.0 | 3027.0 | 1835.6 | 1481.1 | 1479.9 | 1645.3 | 2045.7 | 3151.3 | 3909.9 |
| 67.5° | 2007.2 | 2117.9 | 2195.0 | 1936.3 | 1227.4 | 1054.6 | 1026.0 | 1225.0 | 1417.7 | 2066.9 | 2354.2 |
| 70°   | 1131.7 | 1183.9 | 1218.7 | 1116.8 | 781.0  | 547.2  | 514.9  | 562.1  | 856.9  | 1338.1 | 1395.3 |
| 72.5° | 436.5  | 460.1  | 507.4  | 511.1  | 294.7  | 176.6  | 143.0  | 171.6  | 360.6  | 529.8  | 504.9  |
| 75°   | 67.2   | 72.1   | 102.0  | 121.9  | 84.6   | 64.7   | 68.4   | 70.9   | 100.7  | 136.8  | 114.4  |
| 77.5° | 32.3   | 32.3   | 31.1   | 36.1   | 42.3   | 46.0   | 49.7   | 54.7   | 59.7   | 65.9   | 63.4   |
| 80°   | 21.1   | 21.1   | 21.1   | 24.9   | 31.1   | 37.3   | 42.3   | 44.8   | 47.3   | 52.2   | 49.7   |
| 82.5° | 13.7   | 13.7   | 13.7   | 18.7   | 24.9   | 31.1   | 33.6   | 39.8   | 44.8   | 52.2   | 48.5   |
| 85°   | 7.5    | 7.5    | 7.5    | 12.4   | 18.7   | 26.1   | 24.9   | 19.9   | 11.2   | 1.2    | 2.5    |
| 87.5° | 2.5    | 2.5    | 2.5    | 2.5    | 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    |



REPORT NUMBER: P527846

CATALOG NUMBER: GALN-SA2D-827-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 |
| 2.5°  | 3909.9 | 3852.7 | 3847.7 | 3730.8 | 3626.4 | 3575.4 | 3534.4 | 3419.9 | 3444.8 | 3378.9 | 3377.7 |
| 5°    | 3720.9 | 3604.0 | 3415.0 | 3259.5 | 3104.1 | 3073.0 | 2937.4 | 2819.3 | 2823.0 | 2738.4 | 2753.4 |
| 7.5°  | 3381.4 | 3300.6 | 3070.5 | 2826.7 | 2620.3 | 2473.5 | 2345.5 | 2268.4 | 2170.1 | 2136.5 | 2119.1 |
| 10°   | 3166.2 | 3066.8 | 2808.1 | 2502.2 | 2270.8 | 2192.5 | 2069.4 | 2001.0 | 1900.2 | 1850.5 | 1815.7 |
| 12.5° | 3071.7 | 2926.2 | 2602.9 | 2292.0 | 2137.8 | 2056.9 | 1952.5 | 1828.1 | 1708.7 | 1662.7 | 1599.3 |
| 15°   | 3081.7 | 2907.6 | 2543.2 | 2207.4 | 2022.1 | 1865.4 | 1772.1 | 1634.1 | 1512.2 | 1431.4 | 1385.4 |
| 17.5° | 3232.2 | 3020.7 | 2570.6 | 2142.7 | 1876.6 | 1680.1 | 1497.3 | 1348.1 | 1251.1 | 1190.1 | 1175.2 |
| 20°   | 3587.8 | 3300.6 | 2616.6 | 2038.3 | 1731.1 | 1486.1 | 1261.0 | 1105.6 | 1031.0 | 1029.7 | 1031.0 |
| 22.5° | 3883.8 | 3599.0 | 2709.8 | 1976.1 | 1585.6 | 1237.4 | 1013.5 | 963.8  | 948.9  | 980.0  | 983.7  |
| 25°   | 4283.0 | 3934.8 | 2870.3 | 1943.8 | 1451.3 | 1054.6 | 916.5  | 897.9  | 896.6  | 936.4  | 937.7  |
| 27.5° | 4692.2 | 4228.3 | 2966.0 | 1849.3 | 1314.5 | 960.1  | 858.1  | 854.4  | 874.3  | 916.5  | 912.8  |
| 30°   | 4970.7 | 4474.5 | 3138.9 | 1736.1 | 1152.8 | 876.7  | 834.5  | 839.4  | 866.8  | 899.1  | 904.1  |
| 32.5° | 5295.3 | 4717.0 | 3183.7 | 1673.9 | 1053.3 | 807.1  | 777.3  | 788.5  | 823.3  | 874.3  | 901.6  |
| 35°   | 5667.1 | 4888.6 | 3252.1 | 1589.3 | 1016.0 | 753.6  | 738.7  | 751.1  | 793.4  | 827.0  | 856.9  |
| 37.5° | 5942.0 | 5192.1 | 3264.5 | 1523.4 | 975.0  | 723.8  | 700.2  | 741.2  | 766.1  | 813.3  | 828.2  |
| 40°   | 6145.9 | 5412.2 | 3296.8 | 1482.4 | 942.7  | 685.2  | 685.2  | 712.6  | 746.2  | 789.7  | 819.5  |
| 42.5° | 6276.5 | 5572.6 | 3320.4 | 1445.1 | 880.5  | 674.0  | 667.8  | 695.2  | 740.0  | 782.2  | 795.9  |
| 44°   | 6356.1 | 5641.0 | 3296.8 | 1410.3 | 863.1  | 660.4  | 660.4  | 684.0  | 718.8  | 768.6  | 784.7  |
| 45°   | 6376.0 | 5726.8 | 3244.6 | 1409.0 | 841.9  | 644.2  | 641.7  | 686.5  | 710.1  | 771.0  | 781.0  |
| 47.5° | 6453.1 | 5832.5 | 3250.8 | 1369.2 | 790.9  | 605.6  | 649.2  | 669.1  | 690.2  | 743.7  | 777.3  |
| 50°   | 6450.6 | 5898.5 | 3237.1 | 1310.8 | 753.6  | 562.1  | 634.2  | 656.6  | 677.8  | 732.5  | 746.2  |
| 52.5° | 6468.0 | 6144.7 | 3362.7 | 1217.5 | 686.5  | 506.2  | 584.5  | 634.2  | 660.4  | 706.4  | 735.0  |
| 55°   | 6459.3 | 6285.2 | 3487.1 | 1147.9 | 592.0  | 472.6  | 542.2  | 600.7  | 638.0  | 686.5  | 700.2  |
| 57.5° | 5899.7 | 5555.2 | 3227.2 | 1017.3 | 490.0  | 432.8  | 482.5  | 565.8  | 613.1  | 662.8  | 680.3  |
| 60°   | 4820.2 | 4281.8 | 2661.3 | 748.7  | 402.9  | 398.0  | 448.9  | 554.7  | 574.5  | 618.1  | 647.9  |
| 62.5° | 4454.6 | 3755.7 | 2110.4 | 572.1  | 344.5  | 364.4  | 414.1  | 501.2  | 532.3  | 585.7  | 613.1  |
| 65°   | 3485.9 | 2494.7 | 1307.0 | 386.8  | 303.4  | 327.1  | 374.3  | 439.0  | 490.0  | 539.7  | 572.1  |
| 67.5° | 2064.4 | 1363.0 | 646.7  | 271.1  | 264.9  | 289.8  | 338.3  | 386.8  | 445.2  | 499.9  | 516.1  |
| 70°   | 1124.2 | 670.3  | 276.1  | 206.4  | 225.1  | 247.5  | 294.7  | 328.3  | 384.3  | 426.6  | 453.9  |
| 72.5° | 360.6  | 204.0  | 138.0  | 153.0  | 171.6  | 197.7  | 226.3  | 267.4  | 307.2  | 332.0  | 354.4  |
| 75°   | 87.1   | 85.8   | 98.2   | 107.0  | 124.4  | 144.3  | 167.9  | 189.0  | 220.1  | 243.7  | 263.6  |
| 77.5° | 60.9   | 65.9   | 75.9   | 88.3   | 94.5   | 102.0  | 116.9  | 133.1  | 146.7  | 164.2  | 176.6  |
| 80°   | 47.3   | 51.0   | 58.4   | 64.7   | 70.9   | 77.1   | 84.6   | 90.8   | 99.5   | 110.7  | 116.9  |
| 82.5° | 44.8   | 47.3   | 54.7   | 58.4   | 56.0   | 54.7   | 59.7   | 62.2   | 63.4   | 67.2   | 70.9   |
| 85°   | 3.7    | 0.0    | 2.5    | 8.7    | 21.1   | 31.1   | 33.6   | 33.6   | 32.3   | 34.8   | 34.8   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.2    | 5.0    | 3.7    |
| 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: P527846

CATALOG NUMBER: GALN-SA2D-827-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 |
| 2.5°  | 3362.7 | 3320.4 | 3336.6 | 3356.5 | 3327.9 | 3262.0 | 3279.4 | 3271.9 | 3339.1 | 3334.1 | 3401.3 |
| 5°    | 2819.3 | 2753.4 | 2760.8 | 2857.8 | 2826.7 | 2860.3 | 2793.2 | 2784.5 | 2796.9 | 2803.1 | 2814.3 |
| 7.5°  | 2157.7 | 2149.0 | 2223.6 | 2305.7 | 2344.2 | 2304.4 | 2238.5 | 2223.6 | 2209.9 | 2182.5 | 2244.7 |
| 10°   | 1761.0 | 1763.4 | 1758.5 | 1820.7 | 1864.2 | 1855.5 | 1815.7 | 1810.7 | 1784.6 | 1774.6 | 1809.5 |
| 12.5° | 1571.9 | 1538.4 | 1522.2 | 1502.3 | 1535.9 | 1558.2 | 1540.8 | 1528.4 | 1529.6 | 1542.1 | 1547.1 |
| 15°   | 1389.1 | 1368.0 | 1333.2 | 1310.8 | 1326.9 | 1315.7 | 1309.5 | 1334.4 | 1328.2 | 1325.7 | 1355.5 |
| 17.5° | 1183.9 | 1201.3 | 1198.8 | 1174.0 | 1195.1 | 1186.4 | 1185.2 | 1167.8 | 1144.1 | 1126.7 | 1136.7 |
| 20°   | 1048.4 | 1080.7 | 1105.6 | 1106.8 | 1118.0 | 1116.8 | 1098.1 | 1044.6 | 1027.2 | 1023.5 | 1026.0 |
| 22.5° | 999.9  | 1017.3 | 1047.1 | 1089.4 | 1089.4 | 1069.5 | 1047.1 | 984.9  | 968.8  | 951.4  | 943.9  |
| 25°   | 961.3  | 994.9  | 1033.4 | 1038.4 | 1058.3 | 1039.7 | 1003.6 | 972.5  | 938.9  | 915.3  | 915.3  |
| 27.5° | 941.4  | 978.7  | 1007.3 | 1016.0 | 1043.4 | 1028.5 | 991.2  | 951.4  | 911.6  | 910.3  | 889.2  |
| 30°   | 932.7  | 967.5  | 986.2  | 1007.3 | 1019.8 | 996.1  | 984.9  | 942.7  | 902.9  | 892.9  | 858.1  |
| 32.5° | 906.6  | 956.3  | 991.2  | 986.2  | 996.1  | 986.2  | 970.0  | 935.2  | 890.4  | 868.0  | 864.3  |
| 35°   | 876.7  | 926.5  | 963.8  | 989.9  | 996.1  | 975.0  | 965.0  | 917.8  | 856.9  | 845.7  | 807.1  |
| 37.5° | 860.6  | 890.4  | 936.4  | 978.7  | 987.4  | 976.2  | 942.7  | 894.2  | 833.2  | 820.8  | 787.2  |
| 40°   | 840.7  | 879.2  | 915.3  | 950.1  | 976.2  | 948.9  | 910.3  | 863.1  | 835.7  | 798.4  | 788.5  |
| 42.5° | 825.8  | 869.3  | 899.1  | 937.7  | 967.5  | 931.5  | 886.7  | 854.4  | 815.8  | 790.9  | 762.3  |
| 44°   | 820.8  | 860.6  | 880.5  | 927.7  | 952.6  | 925.2  | 887.9  | 854.4  | 809.6  | 787.2  | 762.3  |
| 45°   | 803.4  | 858.1  | 879.2  | 921.5  | 942.7  | 920.3  | 873.0  | 839.4  | 807.1  | 779.7  | 753.6  |
| 47.5° | 786.0  | 823.3  | 859.3  | 892.9  | 907.8  | 900.4  | 860.6  | 819.5  | 781.0  | 764.8  | 740.0  |
| 50°   | 781.0  | 818.3  | 851.9  | 883.0  | 900.4  | 885.5  | 849.4  | 809.6  | 764.8  | 738.7  | 717.6  |
| 52.5° | 756.1  | 802.1  | 839.4  | 849.4  | 871.8  | 863.1  | 835.7  | 792.2  | 749.9  | 727.5  | 710.1  |
| 55°   | 720.1  | 768.6  | 819.5  | 832.0  | 864.3  | 850.6  | 809.6  | 768.6  | 732.5  | 698.9  | 676.5  |
| 57.5° | 706.4  | 753.6  | 803.4  | 819.5  | 839.4  | 817.1  | 807.1  | 763.6  | 706.4  | 689.0  | 654.1  |
| 60°   | 671.6  | 731.2  | 772.3  | 809.6  | 810.8  | 804.6  | 787.2  | 737.5  | 690.2  | 657.9  | 633.0  |
| 62.5° | 644.2  | 700.2  | 732.5  | 767.3  | 788.5  | 771.0  | 753.6  | 707.6  | 656.6  | 620.6  | 592.0  |
| 65°   | 604.4  | 655.4  | 682.7  | 703.9  | 727.5  | 725.0  | 695.2  | 661.6  | 608.1  | 579.5  | 552.2  |
| 67.5° | 543.5  | 588.2  | 625.5  | 645.4  | 660.4  | 656.6  | 634.2  | 610.6  | 555.9  | 527.3  | 507.4  |
| 70°   | 470.1  | 516.1  | 539.7  | 550.9  | 565.8  | 573.3  | 555.9  | 544.7  | 496.2  | 458.9  | 440.2  |
| 72.5° | 378.1  | 407.9  | 442.7  | 452.7  | 458.9  | 463.9  | 463.9  | 453.9  | 404.2  | 389.3  | 356.9  |
| 75°   | 278.6  | 302.2  | 328.3  | 328.3  | 339.5  | 340.8  | 343.2  | 337.0  | 299.7  | 279.8  | 272.4  |
| 77.5° | 189.0  | 206.4  | 227.6  | 236.3  | 243.7  | 242.5  | 241.3  | 223.9  | 204.0  | 195.2  | 187.8  |
| 80°   | 123.1  | 140.5  | 150.5  | 161.7  | 169.1  | 167.9  | 170.4  | 157.9  | 149.2  | 134.3  | 136.8  |
| 82.5° | 73.4   | 87.1   | 97.0   | 110.7  | 110.7  | 114.4  | 114.4  | 110.7  | 102.0  | 94.5   | 94.5   |
| 85°   | 34.8   | 46.0   | 52.2   | 60.9   | 65.9   | 67.2   | 59.7   | 51.0   | 42.3   | 38.6   | 42.3   |
| 87.5° | 6.2    | 8.7    | 12.4   | 11.2   | 13.7   | 12.4   | 12.4   | 12.4   | 12.4   | 9.9    | 11.2   |
| 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: P527846

CATALOG NUMBER: GALN-SA2D-827-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 | 3799.2 |
| 2.5°  | 3376.4 | 3438.6 | 3482.1 | 3554.2 | 3678.6 | 3778.1 | 3880.1 | 3955.9 | 3964.6 | 3987.0 |
| 5°    | 2855.3 | 2888.9 | 2999.6 | 3143.9 | 3245.8 | 3413.7 | 3521.9 | 3718.4 | 3791.8 | 3870.1 |
| 7.5°  | 2229.8 | 2284.5 | 2432.5 | 2529.5 | 2753.4 | 2963.5 | 3181.2 | 3423.7 | 3520.7 | 3531.9 |
| 10°   | 1880.3 | 1959.9 | 2060.7 | 2216.1 | 2338.0 | 2571.8 | 2842.9 | 3112.8 | 3221.0 | 3239.6 |
| 12.5° | 1651.5 | 1753.5 | 1887.8 | 1999.7 | 2116.6 | 2320.6 | 2580.5 | 2913.8 | 3054.3 | 3138.9 |
| 15°   | 1431.4 | 1537.1 | 1685.1 | 1840.5 | 1943.8 | 2187.5 | 2493.4 | 2869.0 | 3051.8 | 3126.4 |
| 17.5° | 1205.1 | 1303.3 | 1425.2 | 1593.1 | 1800.8 | 2074.3 | 2479.8 | 3018.3 | 3218.5 | 3305.5 |
| 20°   | 1011.1 | 1065.8 | 1207.5 | 1380.4 | 1640.3 | 1958.7 | 2484.7 | 3238.4 | 3531.9 | 3570.4 |
| 22.5° | 935.2  | 947.6  | 1003.6 | 1162.8 | 1447.6 | 1840.5 | 2573.0 | 3550.5 | 3883.8 | 4010.7 |
| 25°   | 876.7  | 874.3  | 889.2  | 996.1  | 1307.0 | 1794.5 | 2660.1 | 3837.8 | 4274.3 | 4412.3 |
| 27.5° | 844.4  | 819.5  | 820.8  | 921.5  | 1207.5 | 1719.9 | 2772.0 | 4167.4 | 4717.0 | 4778.0 |
| 30°   | 828.2  | 823.3  | 808.3  | 849.4  | 1099.4 | 1608.0 | 2790.7 | 4491.9 | 4978.2 | 5066.5 |
| 32.5° | 818.3  | 769.8  | 751.1  | 766.1  | 997.4  | 1486.1 | 2860.3 | 4705.8 | 5301.5 | 5263.0 |
| 35°   | 768.6  | 725.0  | 712.6  | 727.5  | 925.2  | 1417.7 | 2814.3 | 4892.4 | 5544.0 | 5608.7 |
| 37.5° | 749.9  | 711.3  | 686.5  | 674.0  | 858.1  | 1360.5 | 2790.7 | 5179.7 | 5779.1 | 5934.5 |
| 40°   | 732.5  | 691.4  | 661.6  | 649.2  | 805.9  | 1284.7 | 2783.2 | 5401.0 | 6050.2 | 6143.5 |
| 42.5° | 712.6  | 686.5  | 652.9  | 630.5  | 742.4  | 1208.8 | 2697.4 | 5469.4 | 6133.5 | 6234.2 |
| 44°   | 706.4  | 666.6  | 631.8  | 624.3  | 717.6  | 1170.2 | 2680.0 | 5531.6 | 6205.6 | 6358.6 |
| 45°   | 700.2  | 662.8  | 623.1  | 613.1  | 708.9  | 1149.1 | 2656.4 | 5546.5 | 6325.0 | 6353.6 |
| 47.5° | 682.7  | 659.1  | 620.6  | 593.2  | 690.2  | 1103.1 | 2585.5 | 5462.0 | 6203.1 | 6208.1 |
| 50°   | 669.1  | 641.7  | 601.9  | 548.4  | 665.3  | 1064.5 | 2617.8 | 5430.9 | 5909.7 | 5920.8 |
| 52.5° | 654.1  | 613.1  | 590.7  | 498.7  | 624.3  | 1032.2 | 2686.2 | 5571.4 | 5943.2 | 5940.7 |
| 55°   | 636.7  | 592.0  | 537.2  | 456.4  | 555.9  | 991.2  | 2851.6 | 5848.7 | 6254.1 | 6296.4 |
| 57.5° | 609.4  | 570.8  | 492.5  | 419.1  | 477.5  | 912.8  | 2798.1 | 5317.7 | 5754.2 | 5761.7 |
| 60°   | 573.3  | 537.2  | 446.5  | 390.5  | 391.7  | 720.1  | 2502.2 | 4143.7 | 4540.4 | 4648.6 |
| 62.5° | 538.5  | 518.6  | 407.9  | 349.5  | 333.3  | 573.3  | 2115.4 | 3443.6 | 3897.5 | 3987.0 |
| 65°   | 497.4  | 448.9  | 374.3  | 318.4  | 286.0  | 401.7  | 1498.6 | 2573.0 | 3040.6 | 3161.3 |
| 67.5° | 445.2  | 393.0  | 329.6  | 279.8  | 245.0  | 268.6  | 773.5  | 1462.5 | 1936.3 | 2007.2 |
| 70°   | 389.3  | 340.8  | 277.3  | 236.3  | 197.7  | 185.3  | 340.8  | 697.7  | 1058.3 | 1131.7 |
| 72.5° | 319.6  | 274.8  | 221.4  | 186.5  | 148.0  | 128.1  | 114.4  | 186.5  | 375.6  | 436.5  |
| 75°   | 231.3  | 200.2  | 166.6  | 133.1  | 104.5  | 82.1   | 67.2   | 56.0   | 62.2   | 67.2   |
| 77.5° | 170.4  | 145.5  | 123.1  | 94.5   | 73.4   | 58.4   | 46.0   | 34.8   | 33.6   | 32.3   |
| 80°   | 133.1  | 118.1  | 98.2   | 75.9   | 57.2   | 43.5   | 32.3   | 23.6   | 21.1   | 21.1   |
| 82.5° | 104.5  | 97.0   | 80.8   | 62.2   | 47.3   | 34.8   | 23.6   | 16.2   | 13.7   | 13.7   |
| 85°   | 39.8   | 39.8   | 58.4   | 51.0   | 36.1   | 24.9   | 16.2   | 8.7    | 7.5    | 7.5    |
| 87.5° | 9.9    | 9.9    | 9.9    | 9.9    | 8.7    | 7.5    | 7.5    | 3.7    | 2.5    | 2.5    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)