

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: P649869

Luminaire Tested: **GLAN-SA4A-835-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P649869
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4A-835-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 3500K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10549.4 lumens
Efficiency: N/A
Efficacy: 87.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 121
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

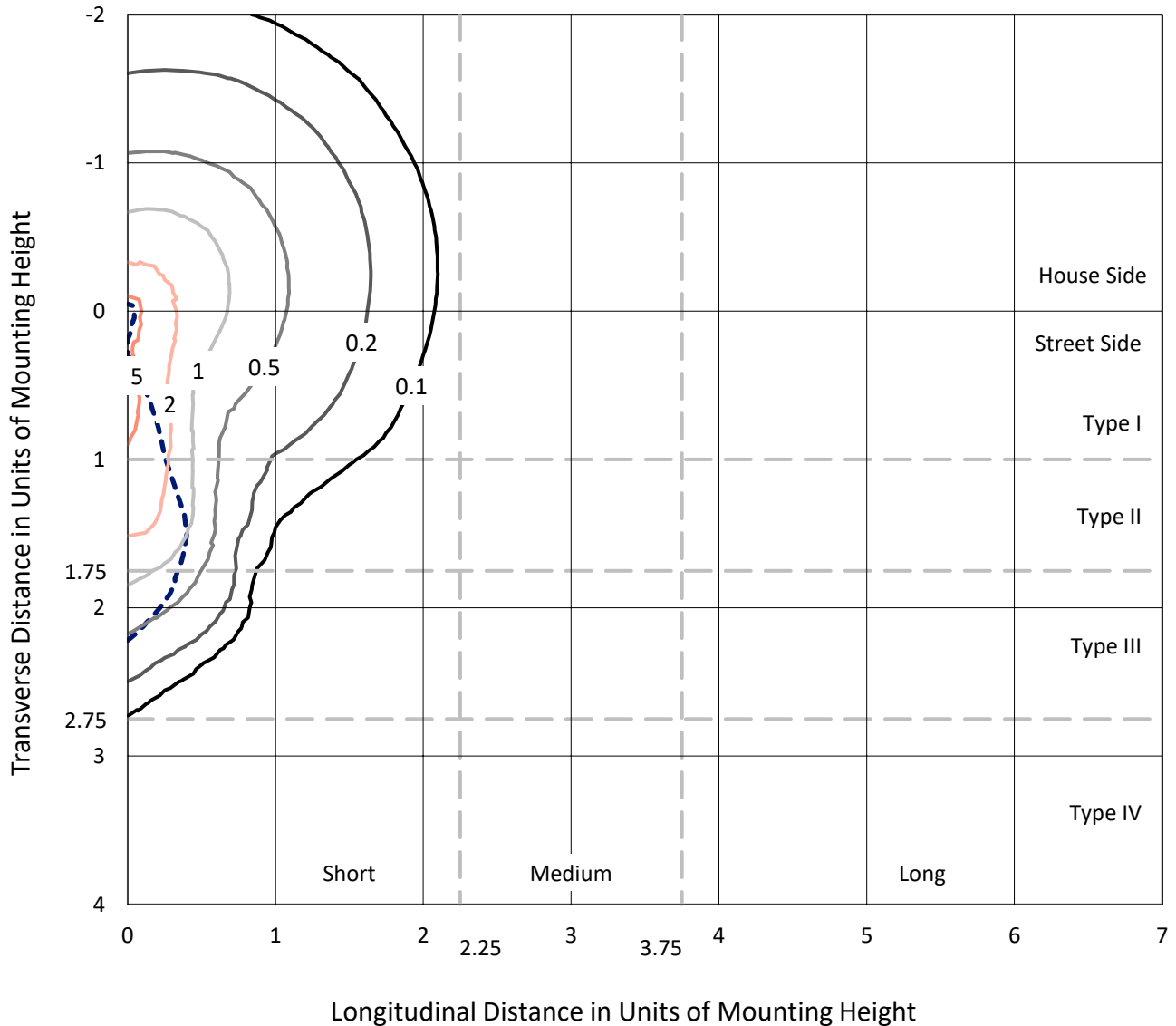




REPORT NUMBER: P649869
 CATALOG NUMBER: GLAN-SA4A-835-U-SLR-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

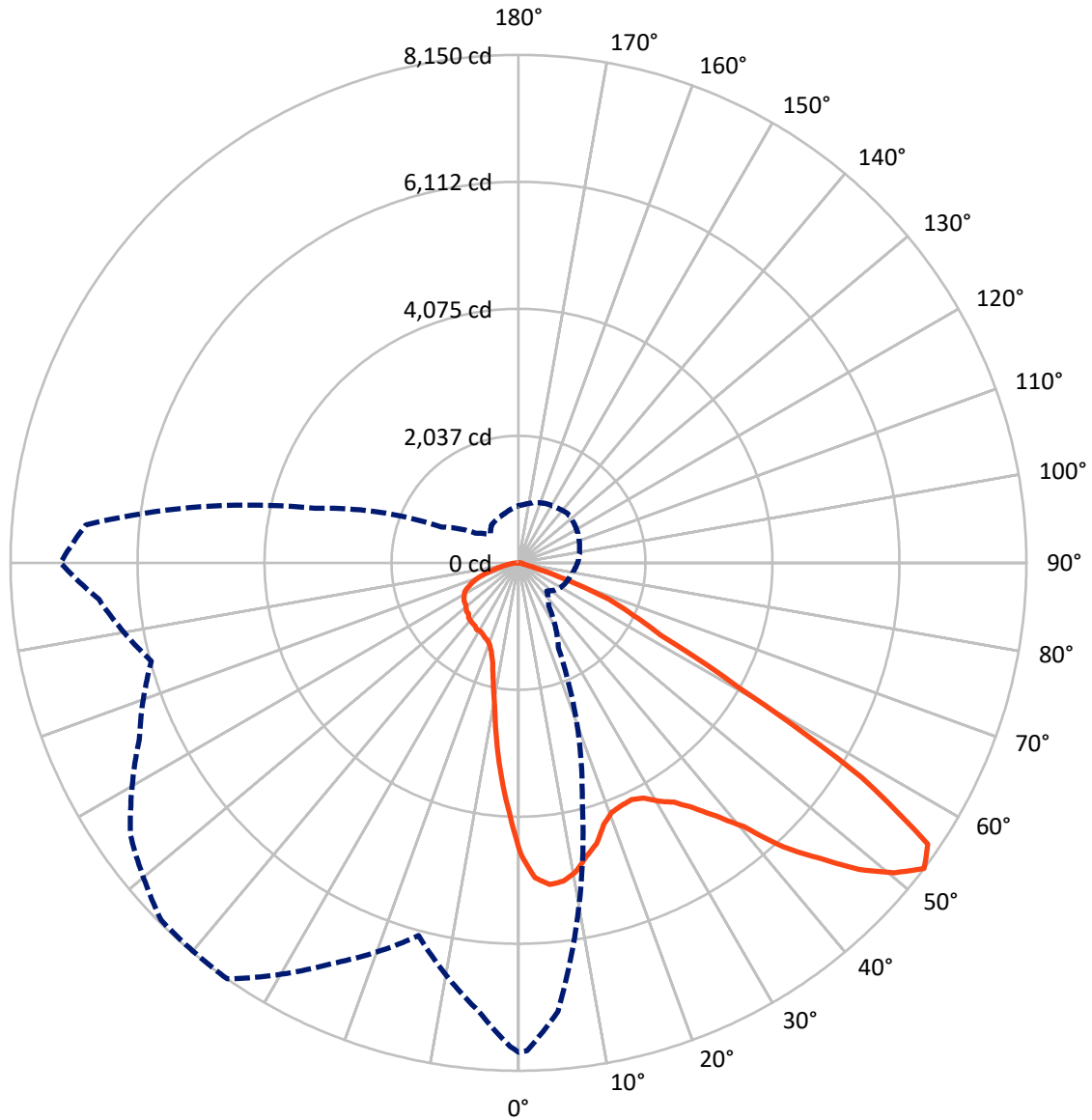
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.5 fc
 Type III - Short - N/A

REPORT NUMBER: P649869
CATALOG NUMBER: GLAN-SA4A-835-U-SLR-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical



REPORT NUMBER: P649869
 CATALOG NUMBER: GLAN-SA4A-835-U-SLR-GRSWH

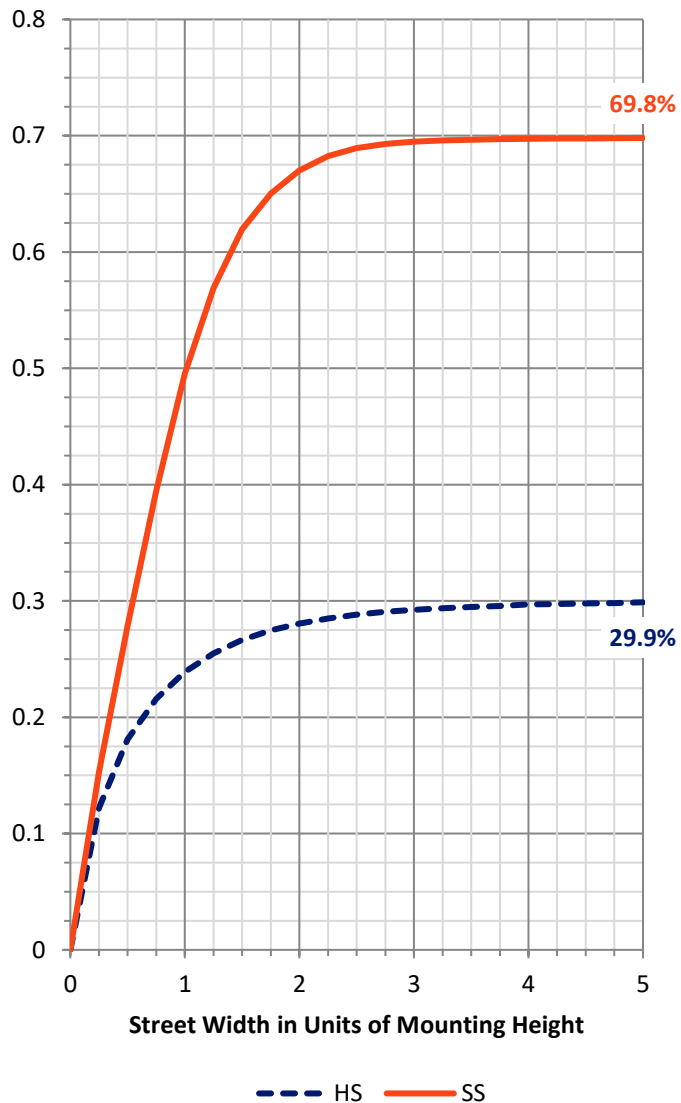
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 3180.2 | 0.0 | 3180.2 |
| | % Fixture | 30.1 | 0.0 | 30.1 |
| Street Side | Lumens | 7369.2 | 0.0 | 7369.2 |
| | % Fixture | 69.9 | 0.0 | 69.9 |
| Total | Lumens | 10549.4 | 0.0 | 10549.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 357.2 | 3.4 |
| 10°-20° | 774.3 | 7.3 |
| 20°-30° | 1169.9 | 11.1 |
| 30°-40° | 1690.6 | 16.0 |
| 40°-50° | 2249.9 | 21.3 |
| 50°-60° | 2516.6 | 23.9 |
| 60°-70° | 1418.3 | 13.4 |
| 70°-80° | 316.2 | 3.0 |
| 80°-90° | 56.3 | 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° | 10549.4 | 100.0 |
| 0°-180° | 10549.4 | 100.0 |

Coefficient of Utilization

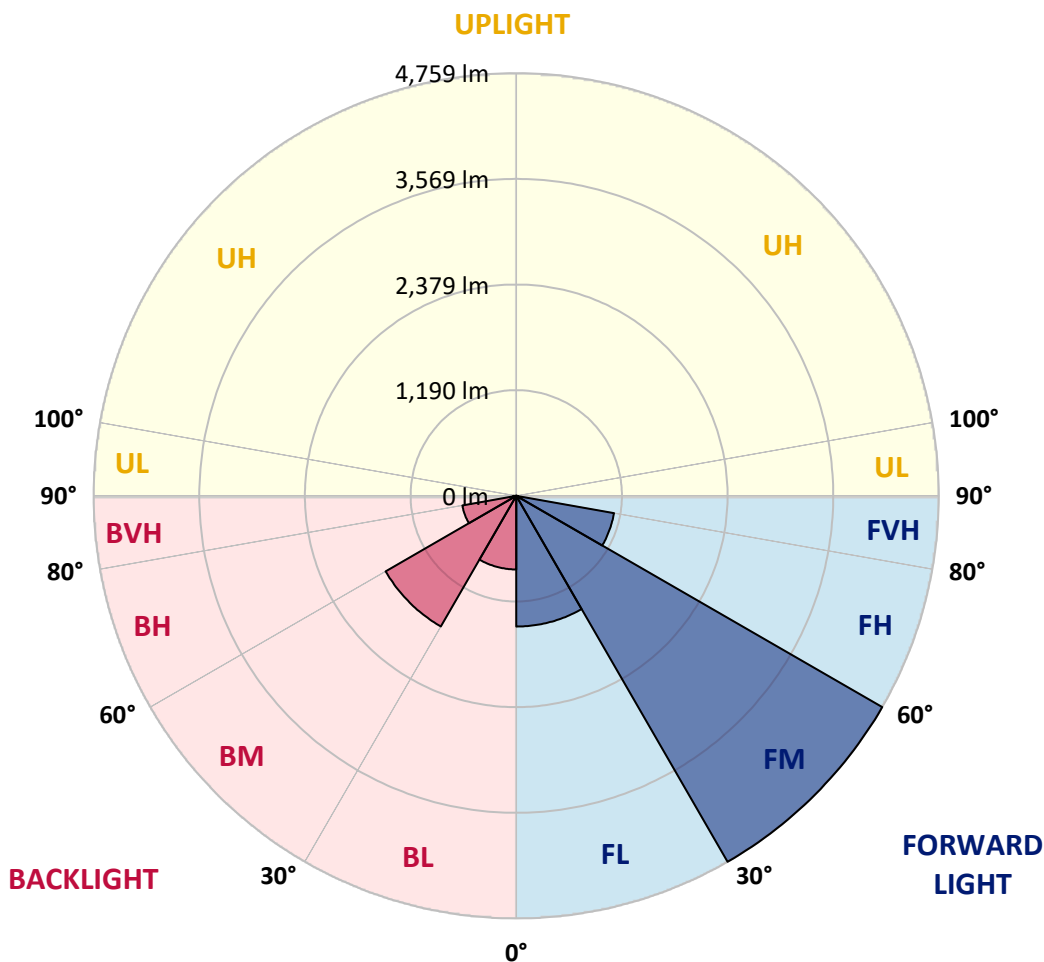


REPORT NUMBER: P649869
 CATALOG NUMBER: GLAN-SA4A-835-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1472.1 | 14.0 | | | |
| FM (30°-60°) | 4758.6 | 45.1 | | | |
| FH (60°-80°) | 1118.1 | 10.6 | | | G1/1800 |
| FVH (80°-90°) | 20.4 | 0.2 | | | G1/100 |
| BL (0°-30°) | 829.3 | 7.9 | B2/1000 | | |
| BM (30°-60°) | 1698.5 | 16.1 | B2/2500 | | |
| BH (60°-80°) | 616.4 | 5.8 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 35.9 | 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-G2
 Type III Short





REPORT NUMBER: P649869

CATALOG NUMBER: GLAN-SA4A-835-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 |
| 2.5° | 4759.9 | 4836.3 | 4753.7 | 4606.9 | 4503.0 | 4408.2 | 4308.8 | 4288.9 | 4159.0 | 4136.0 | 4041.2 |
| 5° | 4489.3 | 4472.4 | 4371.5 | 4178.8 | 3966.3 | 3773.7 | 3631.4 | 3493.8 | 3400.6 | 3292.0 | 3284.4 |
| 7.5° | 4160.5 | 4062.6 | 4004.5 | 3712.4 | 3449.5 | 3146.7 | 3016.7 | 2807.3 | 2741.5 | 2643.6 | 2593.2 |
| 10° | 3866.9 | 3795.0 | 3659.0 | 3366.9 | 2999.9 | 2799.6 | 2660.5 | 2547.3 | 2470.9 | 2370.0 | 2243.1 |
| 12.5° | 3721.7 | 3692.6 | 3539.7 | 3087.1 | 2815.0 | 2600.9 | 2503.0 | 2392.9 | 2262.9 | 2100.9 | 2038.2 |
| 15° | 3747.7 | 3649.8 | 3533.6 | 3033.6 | 2657.4 | 2451.0 | 2295.1 | 2157.5 | 1990.8 | 1836.4 | 1746.2 |
| 17.5° | 3941.9 | 3866.9 | 3634.5 | 3067.2 | 2597.8 | 2299.7 | 2016.8 | 1813.4 | 1663.6 | 1524.4 | 1461.8 |
| 20° | 4324.1 | 4215.5 | 3954.1 | 3110.0 | 2469.3 | 2088.7 | 1764.5 | 1513.7 | 1353.2 | 1279.8 | 1258.4 |
| 22.5° | 4747.6 | 4683.4 | 4265.9 | 3206.4 | 2366.9 | 1892.9 | 1496.9 | 1246.1 | 1186.6 | 1166.7 | 1206.4 |
| 25° | 5262.9 | 5096.2 | 4750.7 | 3363.8 | 2287.5 | 1726.3 | 1270.7 | 1131.5 | 1100.9 | 1120.8 | 1166.7 |
| 27.5° | 5654.4 | 5610.0 | 5090.1 | 3512.1 | 2178.9 | 1526.0 | 1143.7 | 1052.0 | 1061.1 | 1081.0 | 1123.8 |
| 30° | 6119.1 | 5894.4 | 5418.8 | 3614.6 | 2081.0 | 1388.3 | 1055.0 | 1030.6 | 1039.7 | 1073.3 | 1094.8 |
| 32.5° | 6399.0 | 6314.9 | 5625.3 | 3769.0 | 1967.8 | 1269.1 | 986.2 | 963.2 | 977.0 | 1027.5 | 1078.0 |
| 35° | 6755.3 | 6588.6 | 5880.6 | 3808.8 | 1888.4 | 1221.7 | 937.3 | 920.5 | 952.6 | 987.8 | 1044.3 |
| 37.5° | 7171.1 | 7056.5 | 6233.9 | 3781.3 | 1845.5 | 1172.8 | 896.0 | 888.4 | 911.3 | 960.2 | 1026.0 |
| 40° | 7417.3 | 7382.1 | 6418.9 | 3798.1 | 1778.3 | 1129.9 | 848.6 | 857.8 | 905.1 | 943.4 | 1007.6 |
| 42.5° | 7654.3 | 7425.0 | 6692.5 | 3792.0 | 1735.4 | 1071.8 | 853.2 | 842.5 | 879.2 | 923.5 | 984.7 |
| 45° | 7706.3 | 7478.4 | 6756.7 | 3749.2 | 1683.4 | 1015.2 | 818.0 | 822.6 | 866.9 | 922.0 | 961.8 |
| 47.5° | 7672.6 | 7504.4 | 6876.0 | 3736.9 | 1634.5 | 975.5 | 766.0 | 821.1 | 847.0 | 891.4 | 948.0 |
| 50° | 7649.7 | 7640.5 | 6976.9 | 3795.0 | 1568.7 | 912.8 | 703.4 | 801.2 | 827.2 | 871.6 | 932.7 |
| 52.5° | 7851.5 | 7831.6 | 7229.2 | 3948.0 | 1516.8 | 845.6 | 639.2 | 750.7 | 813.5 | 856.3 | 915.9 |
| 55° | 7973.8 | 7886.7 | 7662.0 | 4136.0 | 1429.6 | 756.8 | 594.8 | 688.0 | 779.8 | 818.0 | 879.2 |
| 57.5° | 7172.7 | 7113.0 | 6931.0 | 3860.8 | 1282.9 | 640.7 | 539.7 | 623.8 | 733.9 | 793.6 | 856.3 |
| 60° | 5967.8 | 5874.5 | 5408.2 | 3281.3 | 946.5 | 498.5 | 506.1 | 573.4 | 721.7 | 744.6 | 818.0 |
| 62.5° | 5626.8 | 5395.9 | 4761.3 | 2640.6 | 726.3 | 428.1 | 454.1 | 527.5 | 657.5 | 695.7 | 769.1 |
| 65° | 4464.7 | 4293.5 | 3406.7 | 1906.7 | 486.2 | 371.5 | 414.4 | 475.5 | 567.3 | 642.2 | 709.5 |
| 67.5° | 2795.1 | 2631.4 | 1818.0 | 902.1 | 339.4 | 318.1 | 370.0 | 434.3 | 509.2 | 576.4 | 651.4 |
| 70° | 1460.2 | 1281.3 | 839.5 | 325.6 | 234.0 | 260.0 | 308.9 | 370.0 | 443.4 | 498.5 | 556.6 |
| 72.5° | 544.3 | 441.9 | 273.7 | 140.7 | 162.1 | 198.8 | 250.8 | 295.1 | 347.1 | 414.4 | 446.5 |
| 75° | 84.1 | 71.9 | 70.3 | 85.7 | 110.1 | 143.8 | 178.9 | 223.2 | 269.1 | 311.9 | 333.3 |
| 77.5° | 39.8 | 38.2 | 42.8 | 56.6 | 73.4 | 102.4 | 130.0 | 172.8 | 209.5 | 237.0 | 249.2 |
| 80° | 26.0 | 24.4 | 27.5 | 38.2 | 55.0 | 76.4 | 104.0 | 133.0 | 166.7 | 189.6 | 186.5 |
| 82.5° | 15.3 | 16.8 | 16.8 | 26.0 | 38.2 | 55.0 | 74.9 | 100.9 | 123.9 | 143.8 | 131.5 |
| 85° | 9.2 | 7.7 | 7.7 | 15.3 | 26.0 | 44.3 | 62.7 | 42.8 | 44.3 | 44.3 | 50.4 |
| 87.5° | 3.1 | 3.1 | 3.1 | 1.6 | 3.1 | 3.1 | 4.6 | 7.7 | 9.2 | 10.7 | 13.8 |
| 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: P649869

CATALOG NUMBER: GLAN-SA4A-835-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 |
| 2.5° | 4038.2 | 4085.5 | 4068.7 | 4009.1 | 4055.0 | 4062.6 | 4032.1 | 4137.5 | 4157.4 | 4125.3 | 4134.5 |
| 5° | 3273.6 | 3285.9 | 3313.4 | 3371.5 | 3412.8 | 3461.7 | 3461.7 | 3464.8 | 3423.5 | 3527.5 | 3496.9 |
| 7.5° | 2550.4 | 2558.1 | 2590.2 | 2714.0 | 2749.2 | 2842.4 | 2882.2 | 2854.7 | 2772.1 | 2737.0 | 2766.0 |
| 10° | 2201.8 | 2157.5 | 2146.8 | 2162.0 | 2241.6 | 2281.3 | 2314.9 | 2305.8 | 2292.0 | 2264.5 | 2233.9 |
| 12.5° | 1969.4 | 1937.3 | 1911.3 | 1874.6 | 1879.2 | 1917.4 | 1943.4 | 1922.0 | 1928.1 | 1934.2 | 1943.4 |
| 15° | 1717.1 | 1694.2 | 1680.4 | 1625.4 | 1619.2 | 1645.2 | 1654.4 | 1666.6 | 1689.6 | 1691.1 | 1680.4 |
| 17.5° | 1449.5 | 1429.6 | 1460.2 | 1490.8 | 1469.4 | 1470.9 | 1487.8 | 1498.4 | 1492.3 | 1464.8 | 1451.1 |
| 20° | 1266.0 | 1287.4 | 1318.0 | 1347.1 | 1370.0 | 1383.8 | 1389.9 | 1373.1 | 1353.2 | 1296.6 | 1295.1 |
| 22.5° | 1212.6 | 1240.0 | 1266.0 | 1310.4 | 1331.8 | 1367.0 | 1334.9 | 1296.6 | 1269.1 | 1241.6 | 1209.4 |
| 25° | 1172.8 | 1195.7 | 1247.7 | 1264.5 | 1305.8 | 1334.9 | 1311.9 | 1273.7 | 1226.3 | 1186.6 | 1162.1 |
| 27.5° | 1143.7 | 1169.7 | 1203.3 | 1249.2 | 1281.3 | 1298.1 | 1275.2 | 1259.9 | 1211.0 | 1163.6 | 1128.4 |
| 30° | 1125.3 | 1152.9 | 1214.0 | 1252.3 | 1279.8 | 1293.5 | 1253.8 | 1235.4 | 1200.3 | 1160.6 | 1129.9 |
| 32.5° | 1113.1 | 1137.6 | 1189.6 | 1238.5 | 1256.9 | 1256.9 | 1263.0 | 1241.6 | 1192.7 | 1125.3 | 1099.3 |
| 35° | 1073.3 | 1107.0 | 1149.8 | 1206.4 | 1240.0 | 1259.9 | 1229.3 | 1204.9 | 1172.8 | 1104.0 | 1056.6 |
| 37.5° | 1050.5 | 1073.3 | 1128.4 | 1181.9 | 1211.0 | 1232.4 | 1220.1 | 1177.3 | 1134.6 | 1078.0 | 1039.7 |
| 40° | 1026.0 | 1062.7 | 1111.6 | 1162.1 | 1194.2 | 1215.6 | 1206.4 | 1155.9 | 1104.0 | 1050.5 | 1024.5 |
| 42.5° | 1009.1 | 1033.6 | 1084.1 | 1140.7 | 1178.9 | 1220.1 | 1192.7 | 1129.9 | 1093.2 | 1019.9 | 990.8 |
| 45° | 995.4 | 1035.1 | 1088.7 | 1111.6 | 1151.3 | 1194.2 | 1145.2 | 1107.0 | 1064.2 | 1010.7 | 986.2 |
| 47.5° | 978.6 | 1015.2 | 1050.5 | 1111.6 | 1129.9 | 1149.8 | 1140.7 | 1079.5 | 1042.8 | 984.7 | 967.9 |
| 50° | 972.5 | 986.2 | 1050.5 | 1084.1 | 1110.1 | 1129.9 | 1105.5 | 1059.6 | 1024.5 | 964.8 | 928.1 |
| 52.5° | 948.0 | 974.0 | 1015.2 | 1059.6 | 1091.7 | 1116.2 | 1076.5 | 1047.4 | 1000.0 | 937.3 | 914.4 |
| 55° | 917.4 | 932.7 | 1006.1 | 1052.0 | 1068.8 | 1085.6 | 1070.3 | 1022.9 | 974.0 | 909.8 | 886.8 |
| 57.5° | 877.7 | 912.8 | 972.5 | 1036.7 | 1058.1 | 1067.2 | 1042.8 | 1004.6 | 943.4 | 886.8 | 850.1 |
| 60° | 836.4 | 873.0 | 938.8 | 990.8 | 1012.2 | 1045.9 | 1009.1 | 986.2 | 915.9 | 853.2 | 813.5 |
| 62.5° | 795.1 | 836.4 | 885.3 | 951.0 | 969.4 | 983.1 | 974.0 | 941.9 | 885.3 | 814.9 | 766.0 |
| 65° | 746.2 | 776.7 | 837.9 | 871.6 | 883.8 | 915.9 | 883.8 | 871.6 | 821.1 | 753.8 | 712.5 |
| 67.5° | 672.8 | 698.7 | 752.3 | 784.4 | 793.6 | 807.4 | 805.8 | 792.0 | 735.5 | 689.6 | 652.9 |
| 70° | 588.7 | 611.6 | 645.3 | 683.5 | 688.0 | 704.9 | 689.6 | 686.5 | 649.8 | 587.2 | 567.3 |
| 72.5° | 472.5 | 493.8 | 538.2 | 555.1 | 556.6 | 562.7 | 555.1 | 544.3 | 535.2 | 469.4 | 449.5 |
| 75° | 362.4 | 374.6 | 396.0 | 411.3 | 411.3 | 419.0 | 414.4 | 403.6 | 379.2 | 337.9 | 318.1 |
| 77.5° | 252.3 | 264.5 | 292.1 | 301.2 | 299.7 | 302.7 | 289.0 | 278.3 | 241.6 | 220.2 | 203.3 |
| 80° | 183.5 | 191.1 | 204.9 | 211.0 | 212.5 | 217.1 | 200.3 | 191.1 | 169.8 | 145.2 | 137.6 |
| 82.5° | 133.0 | 137.6 | 139.1 | 146.8 | 146.8 | 139.1 | 134.5 | 125.4 | 110.1 | 94.8 | 88.7 |
| 85° | 55.0 | 56.6 | 58.1 | 67.3 | 68.8 | 82.5 | 76.4 | 71.9 | 62.7 | 53.5 | 48.9 |
| 87.5° | 13.8 | 15.3 | 19.9 | 16.8 | 19.9 | 19.9 | 21.4 | 24.4 | 24.4 | 19.9 | 19.9 |
| 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: P649869

CATALOG NUMBER: GLAN-SA4A-835-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 |
| 2.5° | 4169.6 | 4181.8 | 4337.8 | 4357.7 | 4434.2 | 4512.1 | 4669.7 | 4782.8 | 4874.5 | 4934.2 | 4951.0 |
| 5° | 3529.0 | 3607.0 | 3678.8 | 3795.0 | 3900.5 | 4050.4 | 4223.2 | 4437.3 | 4706.3 | 4844.0 | 4899.0 |
| 7.5° | 2763.0 | 2854.7 | 2958.6 | 3071.8 | 3226.3 | 3495.3 | 3726.2 | 3974.0 | 4317.9 | 4460.1 | 4675.8 |
| 10° | 2255.3 | 2357.8 | 2495.3 | 2582.5 | 2769.1 | 3025.9 | 3295.0 | 3581.0 | 3909.7 | 4114.6 | 4363.8 |
| 12.5° | 1993.8 | 2077.9 | 2204.8 | 2388.3 | 2527.4 | 2694.1 | 2894.4 | 3255.3 | 3726.2 | 3920.4 | 4091.6 |
| 15° | 1704.8 | 1798.2 | 1944.9 | 2148.3 | 2314.9 | 2513.7 | 2738.5 | 3131.5 | 3633.0 | 3932.6 | 4077.9 |
| 17.5° | 1466.3 | 1533.6 | 1688.1 | 1863.9 | 2055.0 | 2272.1 | 2594.8 | 3125.3 | 3730.8 | 4114.6 | 4351.6 |
| 20° | 1301.2 | 1310.4 | 1394.4 | 1544.3 | 1804.3 | 2087.1 | 2506.1 | 3094.7 | 4044.3 | 4428.0 | 4727.8 |
| 22.5° | 1197.2 | 1188.0 | 1189.6 | 1316.5 | 1498.4 | 1905.2 | 2366.9 | 3198.7 | 4400.5 | 4926.5 | 5128.3 |
| 25° | 1145.2 | 1120.8 | 1105.5 | 1133.0 | 1298.1 | 1689.6 | 2261.5 | 3336.4 | 4784.3 | 5337.8 | 5585.5 |
| 27.5° | 1117.7 | 1074.9 | 1044.3 | 1048.9 | 1169.7 | 1581.0 | 2195.7 | 3395.9 | 5165.1 | 5911.2 | 5998.3 |
| 30° | 1107.0 | 1053.5 | 1009.1 | 993.9 | 1073.3 | 1429.6 | 2055.0 | 3498.4 | 5506.0 | 6226.2 | 6301.1 |
| 32.5° | 1068.8 | 1003.0 | 960.2 | 946.5 | 978.6 | 1296.6 | 1954.1 | 3571.8 | 5807.2 | 6568.7 | 6542.7 |
| 35° | 1024.5 | 969.4 | 915.9 | 889.9 | 912.8 | 1211.0 | 1873.1 | 3536.7 | 6162.0 | 6834.7 | 6820.9 |
| 37.5° | 1019.9 | 948.0 | 903.7 | 860.8 | 859.3 | 1105.5 | 1763.0 | 3570.2 | 6388.3 | 7311.8 | 7123.7 |
| 40° | 980.1 | 934.2 | 876.1 | 840.9 | 821.1 | 1052.0 | 1656.0 | 3490.8 | 6720.1 | 7504.4 | 7319.4 |
| 42.5° | 981.6 | 912.8 | 862.4 | 821.1 | 801.2 | 974.0 | 1582.5 | 3469.3 | 6836.3 | 7817.9 | 7411.2 |
| 45° | 957.1 | 889.9 | 847.0 | 798.1 | 787.5 | 914.4 | 1512.2 | 3370.0 | 7041.1 | 7833.2 | 7296.5 |
| 47.5° | 932.7 | 873.0 | 827.2 | 769.1 | 744.6 | 892.9 | 1457.2 | 3287.4 | 6934.1 | 7689.5 | 7137.5 |
| 50° | 915.9 | 847.0 | 804.3 | 763.0 | 694.2 | 856.3 | 1385.3 | 3267.5 | 6784.3 | 7495.3 | 6842.4 |
| 52.5° | 886.8 | 825.7 | 781.4 | 749.3 | 639.2 | 822.6 | 1357.8 | 3383.7 | 6967.8 | 7350.0 | 6756.7 |
| 55° | 859.3 | 796.6 | 740.0 | 677.4 | 593.3 | 733.9 | 1281.3 | 3492.3 | 7235.3 | 7684.9 | 7145.1 |
| 57.5° | 830.3 | 770.6 | 709.5 | 634.5 | 548.9 | 642.2 | 1201.8 | 3512.1 | 6733.8 | 7102.3 | 6782.7 |
| 60° | 792.0 | 715.6 | 669.7 | 571.8 | 501.5 | 532.1 | 952.6 | 3096.3 | 5223.2 | 5931.1 | 5941.8 |
| 62.5° | 749.3 | 666.6 | 626.9 | 512.2 | 452.6 | 458.7 | 776.7 | 2602.4 | 4236.9 | 4909.7 | 5201.7 |
| 65° | 692.6 | 613.2 | 565.7 | 474.0 | 417.4 | 397.5 | 568.8 | 1906.7 | 3218.6 | 3983.1 | 4314.9 |
| 67.5° | 619.3 | 544.3 | 484.7 | 412.8 | 373.1 | 341.0 | 388.4 | 1073.3 | 1900.6 | 2674.3 | 2775.2 |
| 70° | 541.3 | 477.1 | 414.4 | 354.7 | 310.4 | 287.4 | 284.4 | 475.5 | 908.2 | 1438.8 | 1637.6 |
| 72.5° | 426.6 | 380.7 | 330.3 | 286.0 | 256.9 | 223.2 | 203.3 | 197.2 | 307.3 | 585.6 | 808.8 |
| 75° | 305.8 | 267.6 | 238.5 | 209.5 | 188.1 | 169.8 | 154.4 | 140.7 | 128.4 | 146.8 | 201.9 |
| 77.5° | 192.6 | 178.9 | 156.0 | 148.3 | 136.1 | 131.5 | 125.4 | 117.8 | 108.5 | 102.4 | 102.4 |
| 80° | 130.0 | 120.8 | 113.1 | 111.7 | 107.0 | 105.5 | 107.0 | 99.4 | 90.2 | 82.5 | 85.7 |
| 82.5° | 87.1 | 85.7 | 84.1 | 82.5 | 84.1 | 85.7 | 88.7 | 87.1 | 79.5 | 74.9 | 76.4 |
| 85° | 52.0 | 55.0 | 58.1 | 61.2 | 67.3 | 59.7 | 48.9 | 41.3 | 36.7 | 33.7 | 32.1 |
| 87.5° | 19.9 | 27.5 | 24.4 | 22.9 | 24.4 | 22.9 | 21.4 | 19.9 | 16.8 | 15.3 | 15.3 |
| 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: P649869

CATALOG NUMBER: GLAN-SA4A-835-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 | 4681.9 |
| 2.5° | 5062.6 | 5093.2 | 5119.2 | 5113.1 | 5059.5 | 4987.7 | 4958.7 | 4810.3 | 4779.7 | 4759.9 |
| 5° | 5131.4 | 5308.7 | 5347.0 | 5324.1 | 5184.9 | 5009.1 | 4837.8 | 4620.7 | 4493.8 | 4489.3 |
| 7.5° | 5004.5 | 5223.2 | 5292.0 | 5344.0 | 5159.0 | 4853.1 | 4559.6 | 4233.8 | 4154.4 | 4160.5 |
| 10° | 4681.9 | 5030.5 | 5200.2 | 5253.7 | 5041.2 | 4776.7 | 4369.9 | 4039.7 | 3870.0 | 3866.9 |
| 12.5° | 4503.0 | 4776.7 | 4824.1 | 4899.0 | 4836.3 | 4568.7 | 4259.8 | 3889.9 | 3724.7 | 3721.7 |
| 15° | 4343.9 | 4524.4 | 4538.1 | 4643.7 | 4677.3 | 4496.8 | 4288.9 | 3894.4 | 3761.4 | 3747.7 |
| 17.5° | 4483.1 | 4357.7 | 4305.7 | 4319.5 | 4418.9 | 4484.6 | 4457.1 | 4154.4 | 4018.3 | 3941.9 |
| 20° | 4576.4 | 4296.6 | 4139.1 | 4154.4 | 4272.1 | 4512.1 | 4707.9 | 4530.5 | 4314.9 | 4324.1 |
| 22.5° | 4825.6 | 4305.7 | 4059.5 | 4042.7 | 4229.3 | 4655.9 | 4990.8 | 5006.0 | 4798.1 | 4747.6 |
| 25° | 5198.7 | 4411.3 | 4035.1 | 4030.5 | 4209.4 | 4810.3 | 5321.0 | 5568.7 | 5356.2 | 5262.9 |
| 27.5° | 5498.4 | 4576.4 | 4111.5 | 4126.8 | 4272.1 | 4935.7 | 5602.4 | 5931.1 | 5769.0 | 5654.4 |
| 30° | 5761.4 | 4747.6 | 4218.6 | 4148.3 | 4440.3 | 5001.4 | 5723.1 | 6343.9 | 6214.0 | 6119.1 |
| 32.5° | 5869.9 | 4990.8 | 4388.3 | 4272.1 | 4579.5 | 5081.0 | 5973.9 | 6744.5 | 6632.9 | 6399.0 |
| 35° | 6053.4 | 5126.8 | 4480.0 | 4470.9 | 4822.6 | 5272.1 | 6091.7 | 7009.0 | 6963.1 | 6755.3 |
| 37.5° | 6200.2 | 5264.4 | 4805.7 | 4704.8 | 5155.9 | 5593.2 | 6281.2 | 7374.5 | 7269.0 | 7171.1 |
| 40° | 6313.3 | 5510.6 | 5110.0 | 5243.0 | 5565.6 | 5885.2 | 6455.5 | 7397.4 | 7701.7 | 7417.3 |
| 42.5° | 6209.3 | 5730.8 | 5610.0 | 5928.0 | 6233.9 | 6218.5 | 6475.4 | 7574.8 | 7802.6 | 7654.3 |
| 45° | 6183.4 | 6103.9 | 6400.5 | 6689.5 | 6759.8 | 6495.3 | 6333.2 | 7379.1 | 7772.1 | 7706.3 |
| 47.5° | 6120.7 | 6470.8 | 6987.6 | 7458.5 | 7351.5 | 6680.3 | 6163.5 | 7343.9 | 7790.4 | 7672.6 |
| 50° | 6099.3 | 6550.3 | 7421.9 | 7880.6 | 7816.4 | 6840.8 | 6084.0 | 7117.6 | 7660.4 | 7649.7 |
| 52.5° | 6097.8 | 6713.9 | 7602.3 | 8109.9 | 8149.7 | 7094.7 | 6192.5 | 7232.3 | 7761.3 | 7851.5 |
| 55° | 6166.5 | 6661.9 | 7579.4 | 7983.0 | 7967.7 | 6981.5 | 6204.8 | 7308.8 | 7885.2 | 7973.8 |
| 57.5° | 5816.4 | 5967.8 | 6255.2 | 6574.8 | 6492.2 | 5782.8 | 5541.2 | 6756.7 | 7236.9 | 7172.7 |
| 60° | 5022.9 | 4548.8 | 4224.7 | 4209.4 | 4048.9 | 3827.1 | 4535.1 | 6030.4 | 6030.4 | 5967.8 |
| 62.5° | 4399.0 | 2986.2 | 2565.7 | 2446.4 | 2561.1 | 2816.5 | 4374.5 | 5865.3 | 5698.7 | 5626.8 |
| 65° | 3847.0 | 2279.8 | 1854.7 | 1821.1 | 2019.8 | 2405.1 | 3955.6 | 4996.9 | 4703.2 | 4464.7 |
| 67.5° | 2475.5 | 1669.7 | 1379.2 | 1319.5 | 1559.6 | 1766.1 | 2633.0 | 3073.4 | 2888.3 | 2795.1 |
| 70° | 1596.3 | 1087.1 | 767.6 | 720.2 | 813.5 | 1088.7 | 1682.0 | 1792.1 | 1522.9 | 1460.2 |
| 72.5° | 755.4 | 469.4 | 269.1 | 221.7 | 249.2 | 415.9 | 665.2 | 715.6 | 594.8 | 544.3 |
| 75° | 240.1 | 172.8 | 110.1 | 94.8 | 90.2 | 107.0 | 152.9 | 117.8 | 85.7 | 84.1 |
| 77.5° | 107.0 | 102.4 | 87.1 | 73.4 | 64.2 | 53.5 | 44.3 | 36.7 | 38.2 | 39.8 |
| 80° | 88.7 | 81.0 | 71.9 | 64.2 | 53.5 | 41.3 | 32.1 | 24.4 | 24.4 | 26.0 |
| 82.5° | 78.0 | 70.3 | 62.7 | 53.5 | 45.9 | 33.7 | 24.4 | 16.8 | 15.3 | 15.3 |
| 85° | 33.7 | 39.8 | 42.8 | 45.9 | 36.7 | 27.5 | 16.8 | 10.7 | 9.2 | 9.2 |
| 87.5° | 13.8 | 12.2 | 10.7 | 9.2 | 7.7 | 7.7 | 6.1 | 4.6 | 3.1 | 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)