

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: P653829

Luminaire Tested: **GLAN-SA4A-840-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P653829
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-840-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 4000K, 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: 11330.8 lumens
Efficiency: N/A
Efficacy: 93.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

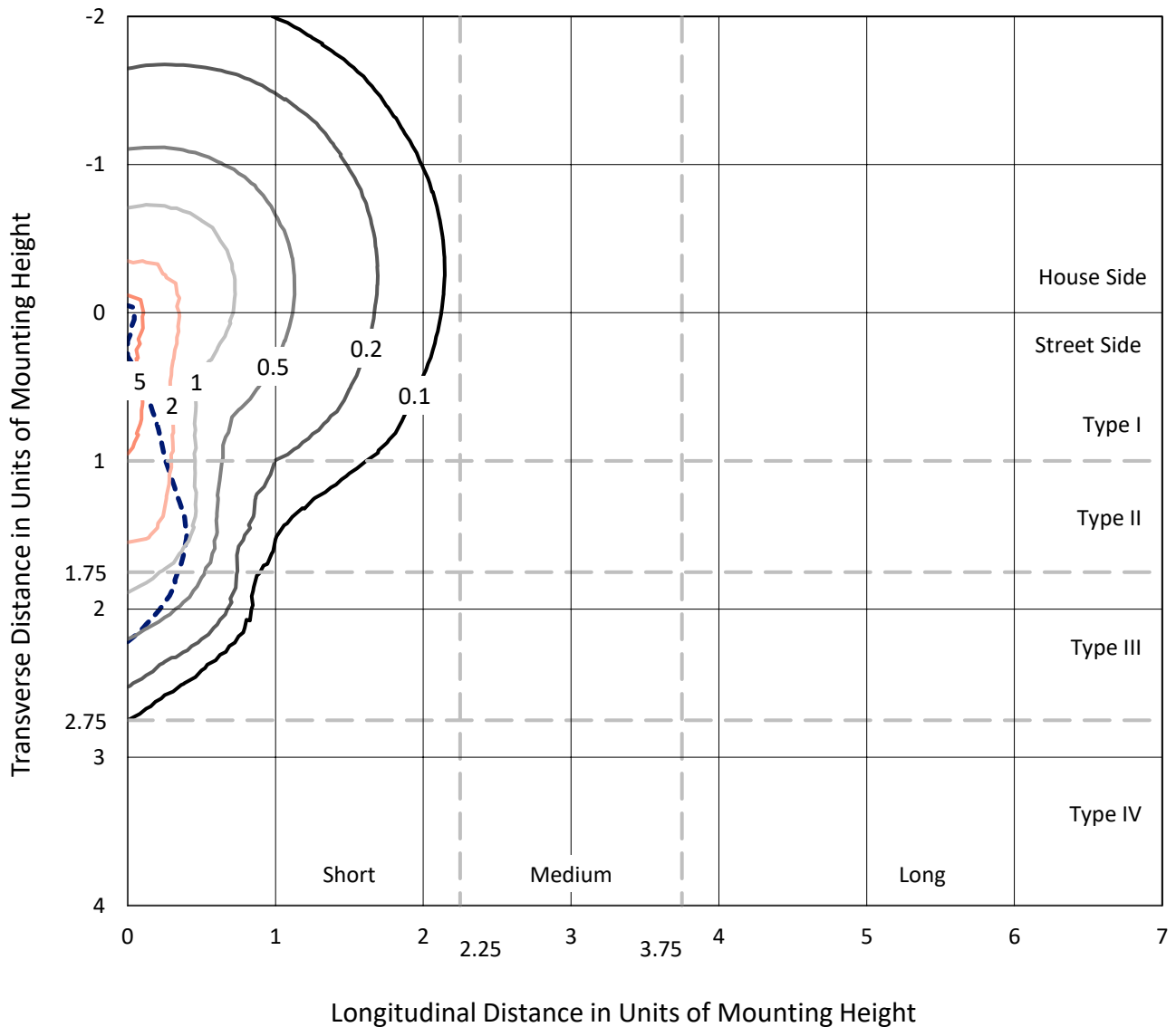
Input Watts (W): 121
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P653829
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Iso-Footcandle Lines of Horizontal Illumination

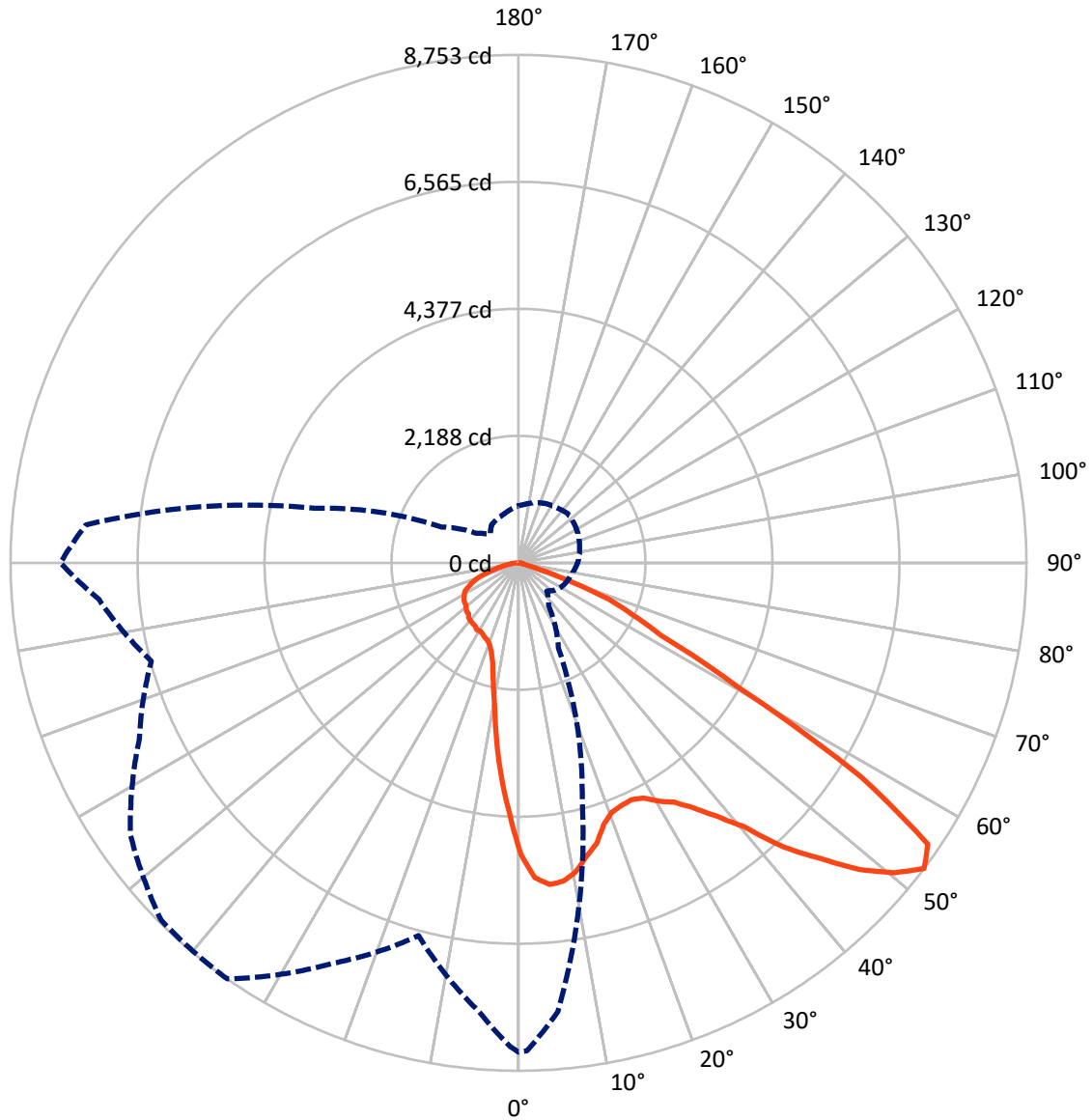
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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



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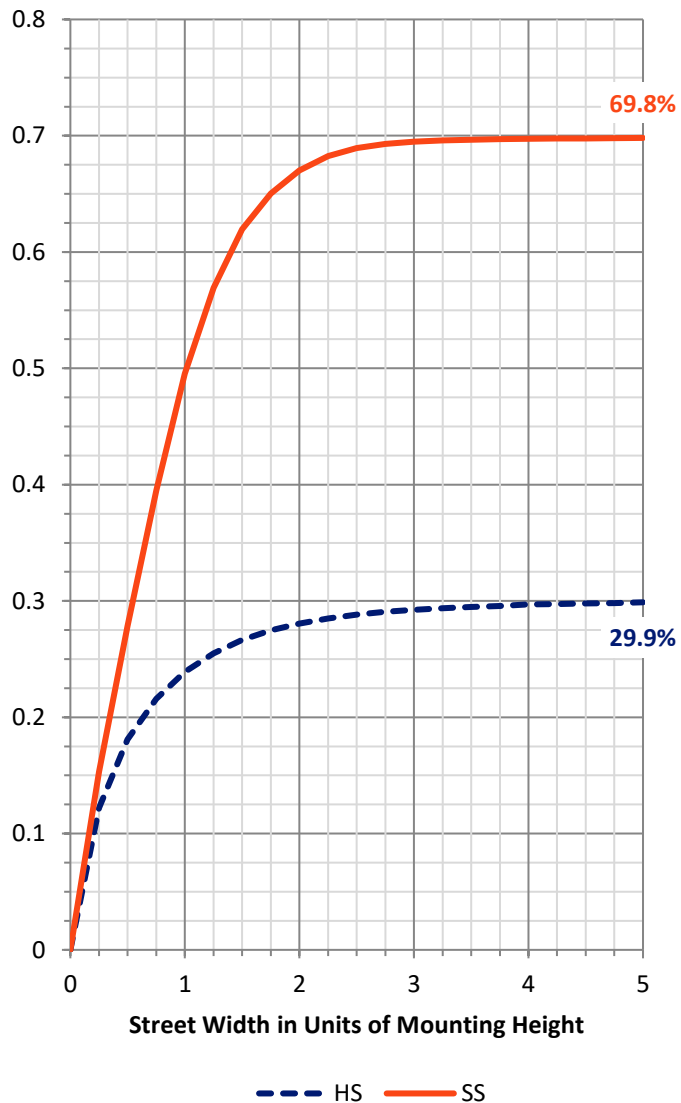
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 3415.7 | 0.0 | 3415.7 |
| | % Fixture | 30.1 | 0.0 | 30.1 |
| Street Side | Lumens | 7915.0 | 0.0 | 7915.0 |
| | % Fixture | 69.9 | 0.0 | 69.9 |
| Total | Lumens | 11330.8 | 0.0 | 11330.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 383.6 | 3.4 |
| 10°-20° | 831.7 | 7.3 |
| 20°-30° | 1256.6 | 11.1 |
| 30°-40° | 1815.8 | 16.0 |
| 40°-50° | 2416.6 | 21.3 |
| 50°-60° | 2703.0 | 23.9 |
| 60°-70° | 1523.4 | 13.4 |
| 70°-80° | 339.6 | 3.0 |
| 80°-90° | 60.5 | 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° | 11330.8 | 100.0 |
| 0°-180° | 11330.8 | 100.0 |

Coefficient of Utilization



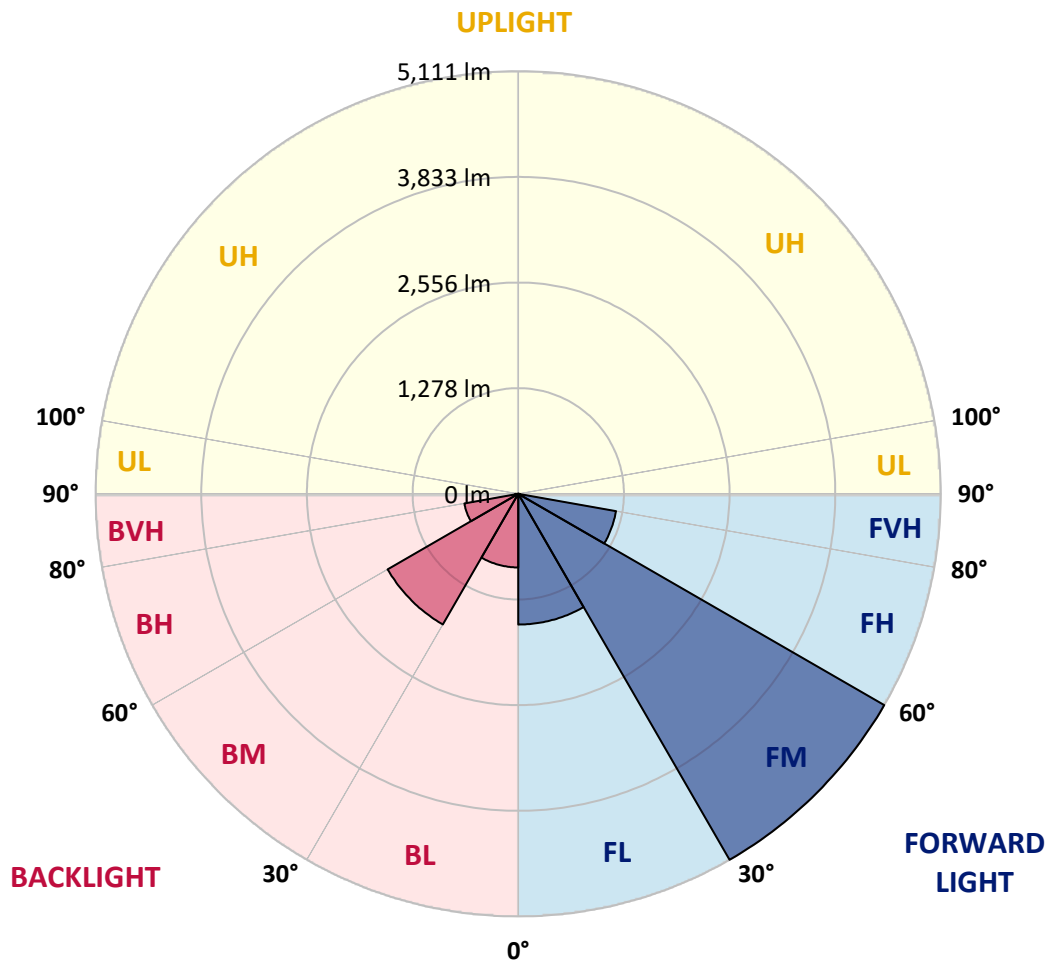
REPORT NUMBER: P653829
 CATALOG NUMBER: GLAN-SA4A-840-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1581.2 | 14.0 | | | |
| FM (30°-60°) | 5111.1 | 45.1 | | | |
| FH (60°-80°) | 1200.9 | 10.6 | | | G1/1800 |
| FVH (80°-90°) | 21.9 | 0.2 | | | G1/100 |
| BL (0°-30°) | 890.7 | 7.9 | B2/1000 | | |
| BM (30°-60°) | 1824.4 | 16.1 | B2/2500 | | |
| BH (60°-80°) | 662.1 | 5.8 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 38.6 | 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: P653829

CATALOG NUMBER: GLAN-SA4A-840-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 |
| 2.5° | 5112.4 | 5194.5 | 5105.9 | 4948.2 | 4836.5 | 4734.7 | 4627.9 | 4606.6 | 4467.1 | 4442.4 | 4340.6 |
| 5° | 4821.8 | 4803.7 | 4695.3 | 4488.3 | 4260.1 | 4053.2 | 3900.4 | 3752.6 | 3652.5 | 3535.8 | 3527.7 |
| 7.5° | 4468.7 | 4363.5 | 4301.1 | 3987.4 | 3705.0 | 3379.8 | 3240.2 | 3015.2 | 2944.6 | 2839.5 | 2785.3 |
| 10° | 4153.4 | 4076.2 | 3930.0 | 3616.3 | 3222.1 | 3007.0 | 2857.5 | 2736.0 | 2653.9 | 2545.5 | 2409.2 |
| 12.5° | 3997.4 | 3966.2 | 3801.9 | 3315.8 | 3023.5 | 2793.5 | 2688.4 | 2570.2 | 2430.6 | 2256.5 | 2189.2 |
| 15° | 4025.3 | 3920.2 | 3795.3 | 3258.3 | 2854.3 | 2632.6 | 2465.1 | 2317.3 | 2138.2 | 1972.4 | 1875.5 |
| 17.5° | 4233.8 | 4153.4 | 3903.7 | 3294.4 | 2790.3 | 2470.0 | 2166.2 | 1947.8 | 1786.8 | 1637.3 | 1570.1 |
| 20° | 4644.4 | 4527.8 | 4247.0 | 3340.4 | 2652.3 | 2243.4 | 1895.2 | 1625.8 | 1453.4 | 1374.6 | 1351.6 |
| 22.5° | 5099.3 | 5030.4 | 4581.9 | 3443.9 | 2542.3 | 2033.1 | 1607.8 | 1338.5 | 1274.5 | 1253.1 | 1295.7 |
| 25° | 5652.8 | 5473.7 | 5102.6 | 3613.0 | 2456.9 | 1854.2 | 1364.8 | 1215.3 | 1182.4 | 1203.8 | 1253.1 |
| 27.5° | 6073.2 | 6025.5 | 5467.2 | 3772.3 | 2340.3 | 1639.0 | 1228.4 | 1129.9 | 1139.7 | 1161.1 | 1207.1 |
| 30° | 6572.4 | 6331.0 | 5820.2 | 3882.4 | 2235.1 | 1491.2 | 1133.2 | 1106.9 | 1116.8 | 1152.8 | 1175.9 |
| 32.5° | 6873.0 | 6782.7 | 6042.0 | 4048.2 | 2113.6 | 1363.1 | 1059.2 | 1034.6 | 1049.4 | 1103.6 | 1157.8 |
| 35° | 7255.6 | 7076.6 | 6316.2 | 4091.0 | 2028.2 | 1312.2 | 1006.8 | 988.7 | 1023.2 | 1060.9 | 1121.6 |
| 37.5° | 7702.3 | 7579.2 | 6695.6 | 4061.4 | 1982.2 | 1259.6 | 962.4 | 954.2 | 978.8 | 1031.3 | 1102.0 |
| 40° | 7966.7 | 7928.9 | 6894.3 | 4079.4 | 1910.0 | 1213.6 | 911.5 | 921.3 | 972.2 | 1013.3 | 1082.3 |
| 42.5° | 8221.3 | 7975.0 | 7188.3 | 4072.9 | 1864.0 | 1151.2 | 916.4 | 904.9 | 944.3 | 992.0 | 1057.6 |
| 45° | 8277.1 | 8032.4 | 7257.2 | 4026.9 | 1808.2 | 1090.4 | 878.6 | 883.6 | 931.2 | 990.3 | 1033.0 |
| 47.5° | 8241.0 | 8060.3 | 7385.3 | 4013.8 | 1755.6 | 1047.8 | 822.8 | 881.9 | 909.8 | 957.5 | 1018.2 |
| 50° | 8216.3 | 8206.5 | 7493.7 | 4076.2 | 1684.9 | 980.4 | 755.5 | 860.6 | 888.5 | 936.1 | 1001.8 |
| 52.5° | 8433.1 | 8411.8 | 7764.7 | 4240.4 | 1629.2 | 908.2 | 686.5 | 806.4 | 873.7 | 919.7 | 983.7 |
| 55° | 8564.5 | 8470.9 | 8229.5 | 4442.4 | 1535.5 | 812.9 | 638.8 | 739.0 | 837.6 | 878.6 | 944.3 |
| 57.5° | 7704.0 | 7639.9 | 7444.4 | 4146.8 | 1377.9 | 688.1 | 579.7 | 670.0 | 788.3 | 852.4 | 919.7 |
| 60° | 6409.8 | 6309.7 | 5808.8 | 3524.4 | 1016.6 | 535.4 | 543.6 | 615.9 | 775.1 | 799.8 | 878.6 |
| 62.5° | 6043.6 | 5795.6 | 5114.0 | 2836.2 | 780.1 | 459.9 | 487.8 | 566.6 | 706.2 | 747.2 | 826.0 |
| 65° | 4795.5 | 4611.5 | 3659.0 | 2047.9 | 522.3 | 399.1 | 445.1 | 510.7 | 609.3 | 689.8 | 762.0 |
| 67.5° | 3002.1 | 2826.3 | 1952.7 | 968.9 | 364.6 | 341.6 | 397.5 | 466.4 | 546.9 | 619.1 | 699.6 |
| 70° | 1568.4 | 1376.2 | 901.6 | 349.8 | 251.3 | 279.2 | 331.8 | 397.5 | 476.3 | 535.4 | 597.8 |
| 72.5° | 584.7 | 474.7 | 293.9 | 151.1 | 174.1 | 213.5 | 269.4 | 317.0 | 372.8 | 445.1 | 479.5 |
| 75° | 90.3 | 77.2 | 75.5 | 92.0 | 118.2 | 154.4 | 192.2 | 239.8 | 289.1 | 335.1 | 358.0 |
| 77.5° | 42.7 | 41.0 | 46.0 | 60.8 | 78.8 | 110.0 | 139.6 | 185.6 | 225.0 | 254.6 | 267.7 |
| 80° | 27.9 | 26.2 | 29.5 | 41.0 | 59.1 | 82.1 | 111.7 | 142.9 | 179.0 | 203.6 | 200.3 |
| 82.5° | 16.4 | 18.1 | 18.1 | 27.9 | 41.0 | 59.1 | 80.5 | 108.4 | 133.0 | 154.4 | 141.2 |
| 85° | 9.8 | 8.2 | 8.2 | 16.4 | 27.9 | 47.6 | 67.4 | 46.0 | 47.6 | 47.6 | 54.2 |
| 87.5° | 3.3 | 3.3 | 3.3 | 1.7 | 3.3 | 3.3 | 5.0 | 8.2 | 9.8 | 11.5 | 14.8 |
| 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: P653829

CATALOG NUMBER: GLAN-SA4A-840-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 |
| 2.5° | 4337.3 | 4388.2 | 4370.1 | 4306.1 | 4355.4 | 4363.5 | 4330.7 | 4444.0 | 4465.4 | 4430.9 | 4440.7 |
| 5° | 3516.1 | 3529.3 | 3558.9 | 3621.3 | 3665.6 | 3718.1 | 3718.1 | 3721.4 | 3677.1 | 3788.8 | 3755.9 |
| 7.5° | 2739.3 | 2747.5 | 2782.0 | 2915.1 | 2952.8 | 3053.0 | 3095.7 | 3066.1 | 2977.5 | 2939.7 | 2970.9 |
| 10° | 2364.9 | 2317.3 | 2305.8 | 2322.2 | 2407.6 | 2450.3 | 2486.4 | 2476.6 | 2461.8 | 2432.3 | 2399.4 |
| 12.5° | 2115.3 | 2080.8 | 2052.9 | 2013.4 | 2018.4 | 2059.4 | 2087.4 | 2064.3 | 2071.0 | 2077.5 | 2087.4 |
| 15° | 1844.3 | 1819.7 | 1804.9 | 1745.7 | 1739.2 | 1767.1 | 1776.9 | 1790.1 | 1814.7 | 1816.4 | 1804.9 |
| 17.5° | 1556.9 | 1535.5 | 1568.4 | 1601.3 | 1578.2 | 1579.9 | 1598.0 | 1609.4 | 1602.9 | 1573.3 | 1558.5 |
| 20° | 1359.8 | 1382.8 | 1415.7 | 1446.9 | 1471.5 | 1486.3 | 1492.9 | 1474.8 | 1453.4 | 1392.7 | 1391.0 |
| 22.5° | 1302.4 | 1331.9 | 1359.8 | 1407.4 | 1430.5 | 1468.2 | 1433.7 | 1392.7 | 1363.1 | 1333.6 | 1299.0 |
| 25° | 1259.6 | 1284.3 | 1340.1 | 1358.1 | 1402.5 | 1433.7 | 1409.1 | 1368.1 | 1317.1 | 1274.5 | 1248.1 |
| 27.5° | 1228.4 | 1256.4 | 1292.4 | 1341.7 | 1376.2 | 1394.3 | 1369.7 | 1353.3 | 1300.7 | 1249.8 | 1212.0 |
| 30° | 1208.7 | 1238.3 | 1304.0 | 1345.0 | 1374.6 | 1389.3 | 1346.7 | 1326.9 | 1289.2 | 1246.5 | 1213.6 |
| 32.5° | 1195.6 | 1221.9 | 1277.7 | 1330.2 | 1350.0 | 1350.0 | 1356.5 | 1333.6 | 1281.0 | 1208.7 | 1180.8 |
| 35° | 1152.8 | 1189.0 | 1235.0 | 1295.7 | 1331.9 | 1353.3 | 1320.4 | 1294.1 | 1259.6 | 1185.7 | 1134.8 |
| 37.5° | 1128.3 | 1152.8 | 1212.0 | 1269.5 | 1300.7 | 1323.6 | 1310.5 | 1264.5 | 1218.6 | 1157.8 | 1116.8 |
| 40° | 1102.0 | 1141.4 | 1194.0 | 1248.1 | 1282.6 | 1305.7 | 1295.7 | 1241.6 | 1185.7 | 1128.3 | 1100.4 |
| 42.5° | 1083.9 | 1110.2 | 1164.4 | 1225.2 | 1266.2 | 1310.5 | 1281.0 | 1213.6 | 1174.2 | 1095.4 | 1064.2 |
| 45° | 1069.2 | 1111.8 | 1169.3 | 1194.0 | 1236.6 | 1282.6 | 1230.0 | 1189.0 | 1143.0 | 1085.6 | 1059.2 |
| 47.5° | 1051.1 | 1090.4 | 1128.3 | 1194.0 | 1213.6 | 1235.0 | 1225.2 | 1159.5 | 1120.0 | 1057.6 | 1039.6 |
| 50° | 1044.5 | 1059.2 | 1128.3 | 1164.4 | 1192.3 | 1213.6 | 1187.4 | 1138.1 | 1100.4 | 1036.3 | 996.8 |
| 52.5° | 1018.2 | 1046.1 | 1090.4 | 1138.1 | 1172.6 | 1198.8 | 1156.2 | 1125.0 | 1074.0 | 1006.8 | 982.1 |
| 55° | 985.4 | 1001.8 | 1080.6 | 1129.9 | 1148.0 | 1166.0 | 1149.6 | 1098.7 | 1046.1 | 977.2 | 952.5 |
| 57.5° | 942.7 | 980.4 | 1044.5 | 1113.5 | 1136.4 | 1146.3 | 1120.0 | 1079.0 | 1013.3 | 952.5 | 913.1 |
| 60° | 898.4 | 937.7 | 1008.4 | 1064.2 | 1087.2 | 1123.3 | 1083.9 | 1059.2 | 983.7 | 916.4 | 873.7 |
| 62.5° | 854.0 | 898.4 | 950.9 | 1021.5 | 1041.2 | 1056.0 | 1046.1 | 1011.6 | 950.9 | 875.3 | 822.8 |
| 65° | 801.5 | 834.3 | 900.0 | 936.1 | 949.2 | 983.7 | 949.2 | 936.1 | 881.9 | 809.6 | 765.3 |
| 67.5° | 722.6 | 750.5 | 808.0 | 842.5 | 852.4 | 867.2 | 865.5 | 850.7 | 790.0 | 740.7 | 701.2 |
| 70° | 632.3 | 656.9 | 693.1 | 734.1 | 739.0 | 757.1 | 740.7 | 737.4 | 697.9 | 630.7 | 609.3 |
| 72.5° | 507.5 | 530.4 | 578.1 | 596.2 | 597.8 | 604.3 | 596.2 | 584.7 | 574.8 | 504.2 | 482.8 |
| 75° | 389.2 | 402.3 | 425.4 | 441.8 | 441.8 | 450.0 | 445.1 | 433.5 | 407.3 | 363.0 | 341.6 |
| 77.5° | 271.0 | 284.1 | 313.7 | 323.5 | 321.9 | 325.1 | 310.4 | 298.9 | 259.4 | 236.5 | 218.4 |
| 80° | 197.0 | 205.3 | 220.1 | 226.6 | 228.2 | 233.2 | 215.1 | 205.3 | 182.3 | 156.0 | 147.8 |
| 82.5° | 142.9 | 147.8 | 149.4 | 157.7 | 157.7 | 149.4 | 144.5 | 134.6 | 118.2 | 101.8 | 95.3 |
| 85° | 59.1 | 60.8 | 62.4 | 72.2 | 73.9 | 88.6 | 82.1 | 77.2 | 67.4 | 57.4 | 52.6 |
| 87.5° | 14.8 | 16.4 | 21.4 | 18.1 | 21.4 | 21.4 | 23.0 | 26.2 | 26.2 | 21.4 | 21.4 |
| 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: P653829

CATALOG NUMBER: GLAN-SA4A-840-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 |
| 2.5° | 4478.5 | 4491.6 | 4659.1 | 4680.5 | 4762.7 | 4846.3 | 5015.6 | 5137.1 | 5235.6 | 5299.6 | 5317.7 |
| 5° | 3790.4 | 3874.2 | 3951.4 | 4076.2 | 4189.4 | 4350.4 | 4536.0 | 4765.9 | 5054.9 | 5202.8 | 5261.9 |
| 7.5° | 2967.6 | 3066.1 | 3177.8 | 3299.3 | 3465.3 | 3754.2 | 4002.2 | 4268.3 | 4637.8 | 4790.5 | 5022.1 |
| 10° | 2422.3 | 2532.4 | 2680.2 | 2773.8 | 2974.2 | 3250.0 | 3539.1 | 3846.2 | 4199.3 | 4419.4 | 4687.1 |
| 12.5° | 2141.5 | 2231.8 | 2368.2 | 2565.2 | 2714.7 | 2893.7 | 3108.8 | 3496.5 | 4002.2 | 4210.8 | 4394.7 |
| 15° | 1831.1 | 1931.4 | 2089.0 | 2307.5 | 2486.4 | 2699.9 | 2941.3 | 3363.4 | 3902.1 | 4223.9 | 4380.0 |
| 17.5° | 1574.9 | 1647.2 | 1813.1 | 2001.9 | 2207.2 | 2440.4 | 2787.0 | 3356.9 | 4007.2 | 4419.4 | 4673.9 |
| 20° | 1397.6 | 1407.4 | 1497.7 | 1658.7 | 1937.9 | 2241.7 | 2691.7 | 3324.0 | 4343.8 | 4756.0 | 5078.0 |
| 22.5° | 1285.9 | 1276.0 | 1277.7 | 1414.0 | 1609.4 | 2046.3 | 2542.3 | 3435.7 | 4726.5 | 5291.4 | 5508.2 |
| 25° | 1230.0 | 1203.8 | 1187.4 | 1216.9 | 1394.3 | 1814.7 | 2429.0 | 3583.5 | 5138.7 | 5733.2 | 5999.3 |
| 27.5° | 1200.5 | 1154.5 | 1121.6 | 1126.6 | 1256.4 | 1698.1 | 2358.3 | 3647.5 | 5547.7 | 6349.0 | 6442.6 |
| 30° | 1189.0 | 1131.6 | 1083.9 | 1067.5 | 1152.8 | 1535.5 | 2207.2 | 3757.6 | 5913.8 | 6687.4 | 6767.9 |
| 32.5° | 1148.0 | 1077.3 | 1031.3 | 1016.6 | 1051.1 | 1392.7 | 2098.8 | 3836.4 | 6237.4 | 7055.2 | 7027.3 |
| 35° | 1100.4 | 1041.2 | 983.7 | 955.8 | 980.4 | 1300.7 | 2011.8 | 3798.6 | 6618.4 | 7341.0 | 7326.2 |
| 37.5° | 1095.4 | 1018.2 | 970.6 | 924.6 | 923.0 | 1187.4 | 1893.6 | 3834.7 | 6861.5 | 7853.4 | 7651.4 |
| 40° | 1052.7 | 1003.4 | 941.0 | 903.2 | 881.9 | 1129.9 | 1778.6 | 3749.3 | 7217.9 | 8060.3 | 7861.6 |
| 42.5° | 1054.4 | 980.4 | 926.3 | 881.9 | 860.6 | 1046.1 | 1699.7 | 3726.3 | 7342.7 | 8397.0 | 7960.1 |
| 45° | 1028.0 | 955.8 | 909.8 | 857.2 | 845.8 | 982.1 | 1624.2 | 3619.6 | 7562.7 | 8413.4 | 7836.9 |
| 47.5° | 1001.8 | 937.7 | 888.5 | 826.0 | 799.8 | 959.1 | 1565.1 | 3530.9 | 7447.7 | 8259.0 | 7666.2 |
| 50° | 983.7 | 909.8 | 863.9 | 819.5 | 745.6 | 919.7 | 1487.9 | 3509.6 | 7286.8 | 8050.5 | 7349.2 |
| 52.5° | 952.5 | 886.8 | 839.2 | 804.8 | 686.5 | 883.6 | 1458.4 | 3634.4 | 7483.9 | 7894.5 | 7257.2 |
| 55° | 923.0 | 855.6 | 794.8 | 727.5 | 637.2 | 788.3 | 1376.2 | 3750.9 | 7771.3 | 8254.2 | 7674.4 |
| 57.5° | 891.8 | 827.7 | 762.0 | 681.5 | 589.5 | 689.8 | 1290.9 | 3772.3 | 7232.6 | 7628.4 | 7285.2 |
| 60° | 850.7 | 768.6 | 719.3 | 614.2 | 538.7 | 571.5 | 1023.2 | 3325.7 | 5610.1 | 6370.4 | 6381.9 |
| 62.5° | 804.8 | 716.0 | 673.3 | 550.2 | 486.1 | 492.7 | 834.3 | 2795.1 | 4550.7 | 5273.4 | 5587.0 |
| 65° | 743.9 | 658.6 | 607.6 | 509.1 | 448.3 | 427.0 | 610.9 | 2047.9 | 3457.0 | 4278.2 | 4634.5 |
| 67.5° | 665.1 | 584.7 | 520.6 | 443.4 | 400.7 | 366.3 | 417.1 | 1152.8 | 2041.4 | 2872.4 | 2980.8 |
| 70° | 581.4 | 512.4 | 445.1 | 381.0 | 333.4 | 308.7 | 305.5 | 510.7 | 975.5 | 1545.4 | 1758.9 |
| 72.5° | 458.2 | 408.9 | 354.7 | 307.1 | 275.9 | 239.8 | 218.4 | 211.8 | 330.1 | 629.0 | 868.8 |
| 75° | 328.5 | 287.4 | 256.2 | 225.0 | 202.0 | 182.3 | 165.8 | 151.1 | 137.9 | 157.7 | 216.8 |
| 77.5° | 206.9 | 192.2 | 167.5 | 159.3 | 146.2 | 141.2 | 134.6 | 126.5 | 116.6 | 110.0 | 110.0 |
| 80° | 139.6 | 129.8 | 121.5 | 119.9 | 115.0 | 113.3 | 115.0 | 106.7 | 96.9 | 88.6 | 92.0 |
| 82.5° | 93.6 | 92.0 | 90.3 | 88.6 | 90.3 | 92.0 | 95.3 | 93.6 | 85.4 | 80.5 | 82.1 |
| 85° | 55.8 | 59.1 | 62.4 | 65.7 | 72.2 | 64.1 | 52.6 | 44.3 | 39.4 | 36.2 | 34.5 |
| 87.5° | 21.4 | 29.5 | 26.2 | 24.6 | 26.2 | 24.6 | 23.0 | 21.4 | 18.1 | 16.4 | 16.4 |
| 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: P653829

CATALOG NUMBER: GLAN-SA4A-840-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 | 5028.7 |
| 2.5° | 5437.6 | 5470.5 | 5498.4 | 5491.8 | 5434.3 | 5357.2 | 5326.0 | 5166.6 | 5133.8 | 5112.4 |
| 5° | 5511.5 | 5702.0 | 5743.1 | 5718.5 | 5569.0 | 5380.1 | 5196.2 | 4963.0 | 4826.7 | 4821.8 |
| 7.5° | 5375.2 | 5610.1 | 5684.0 | 5739.8 | 5541.1 | 5212.6 | 4897.3 | 4547.5 | 4462.1 | 4468.7 |
| 10° | 5028.7 | 5403.1 | 5585.4 | 5642.9 | 5414.6 | 5130.5 | 4693.6 | 4338.9 | 4156.6 | 4153.4 |
| 12.5° | 4836.5 | 5130.5 | 5181.4 | 5261.9 | 5194.5 | 4907.2 | 4575.4 | 4178.0 | 4000.6 | 3997.4 |
| 15° | 4665.7 | 4859.6 | 4874.3 | 4987.6 | 5023.7 | 4829.9 | 4606.6 | 4182.9 | 4040.0 | 4025.3 |
| 17.5° | 4815.1 | 4680.5 | 4624.7 | 4639.5 | 4746.2 | 4816.8 | 4787.2 | 4462.1 | 4315.9 | 4233.8 |
| 20° | 4915.4 | 4614.8 | 4445.7 | 4462.1 | 4588.6 | 4846.3 | 5056.6 | 4866.1 | 4634.5 | 4644.4 |
| 22.5° | 5183.1 | 4624.7 | 4360.2 | 4342.2 | 4542.6 | 5000.8 | 5360.4 | 5376.8 | 5153.5 | 5099.3 |
| 25° | 5583.7 | 4738.0 | 4334.0 | 4329.0 | 4521.2 | 5166.6 | 5715.2 | 5981.2 | 5752.9 | 5652.8 |
| 27.5° | 5905.7 | 4915.4 | 4416.1 | 4432.5 | 4588.6 | 5301.3 | 6017.4 | 6370.4 | 6196.3 | 6073.2 |
| 30° | 6188.2 | 5099.3 | 4531.1 | 4455.5 | 4769.2 | 5371.9 | 6147.0 | 6813.9 | 6674.3 | 6572.4 |
| 32.5° | 6304.7 | 5360.4 | 4713.4 | 4588.6 | 4918.7 | 5457.3 | 6416.4 | 7244.1 | 7124.2 | 6873.0 |
| 35° | 6501.8 | 5506.6 | 4811.9 | 4802.0 | 5179.8 | 5662.6 | 6542.9 | 7528.2 | 7478.9 | 7255.6 |
| 37.5° | 6659.5 | 5654.4 | 5161.7 | 5053.3 | 5537.8 | 6007.5 | 6746.5 | 7920.7 | 7807.4 | 7702.3 |
| 40° | 6781.0 | 5918.8 | 5488.5 | 5631.4 | 5977.9 | 6321.1 | 6933.7 | 7945.3 | 8272.2 | 7966.7 |
| 42.5° | 6669.3 | 6155.3 | 6025.5 | 6367.1 | 6695.6 | 6679.1 | 6955.1 | 8135.9 | 8380.6 | 8221.3 |
| 45° | 6641.4 | 6556.0 | 6874.6 | 7185.0 | 7260.5 | 6976.4 | 6802.3 | 7925.7 | 8347.8 | 8277.1 |
| 47.5° | 6574.1 | 6950.1 | 7505.3 | 8011.0 | 7896.1 | 7175.2 | 6620.0 | 7887.9 | 8367.4 | 8241.0 |
| 50° | 6551.1 | 7035.6 | 7971.7 | 8464.3 | 8395.4 | 7347.6 | 6534.7 | 7644.9 | 8227.8 | 8216.3 |
| 52.5° | 6549.5 | 7211.2 | 8165.4 | 8710.7 | 8753.4 | 7620.2 | 6651.2 | 7768.0 | 8336.2 | 8433.1 |
| 55° | 6623.3 | 7155.4 | 8140.8 | 8574.3 | 8557.9 | 7498.7 | 6664.4 | 7850.1 | 8469.3 | 8564.5 |
| 57.5° | 6247.3 | 6409.8 | 6718.6 | 7061.8 | 6973.2 | 6211.1 | 5951.7 | 7257.2 | 7772.9 | 7704.0 |
| 60° | 5394.9 | 4885.8 | 4537.6 | 4521.2 | 4348.8 | 4110.6 | 4871.0 | 6477.1 | 6477.1 | 6409.8 |
| 62.5° | 4724.8 | 3207.4 | 2755.8 | 2627.6 | 2750.8 | 3025.1 | 4698.6 | 6299.8 | 6120.8 | 6043.6 |
| 65° | 4132.0 | 2448.7 | 1992.1 | 1956.0 | 2169.4 | 2583.3 | 4248.6 | 5367.0 | 5051.6 | 4795.5 |
| 67.5° | 2658.8 | 1793.3 | 1481.3 | 1417.3 | 1675.1 | 1896.9 | 2828.0 | 3301.0 | 3102.3 | 3002.1 |
| 70° | 1714.5 | 1167.6 | 824.4 | 773.6 | 873.7 | 1169.3 | 1806.6 | 1924.8 | 1635.7 | 1568.4 |
| 72.5° | 811.3 | 504.2 | 289.1 | 238.2 | 267.7 | 446.7 | 714.4 | 768.6 | 638.8 | 584.7 |
| 75° | 257.9 | 185.6 | 118.2 | 101.8 | 96.9 | 115.0 | 164.2 | 126.5 | 92.0 | 90.3 |
| 77.5° | 115.0 | 110.0 | 93.6 | 78.8 | 69.0 | 57.4 | 47.6 | 39.4 | 41.0 | 42.7 |
| 80° | 95.3 | 87.0 | 77.2 | 69.0 | 57.4 | 44.3 | 34.5 | 26.2 | 26.2 | 27.9 |
| 82.5° | 83.8 | 75.5 | 67.4 | 57.4 | 49.3 | 36.2 | 26.2 | 18.1 | 16.4 | 16.4 |
| 85° | 36.2 | 42.7 | 46.0 | 49.3 | 39.4 | 29.5 | 18.1 | 11.5 | 9.8 | 9.8 |
| 87.5° | 14.8 | 13.1 | 11.5 | 9.8 | 8.2 | 8.2 | 6.6 | 5.0 | 3.3 | 3.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)