

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: P649815

Luminaire Tested: **GLAN-SA3A-835-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P649815
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: STREETWORKS
Catalog Number: GLAN-SA3A-835-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 80 CRI, 3500K, 615mA 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: 7676.5 lumens
Efficiency: N/A
Efficacy: 82.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

Input Watts (W): 93
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

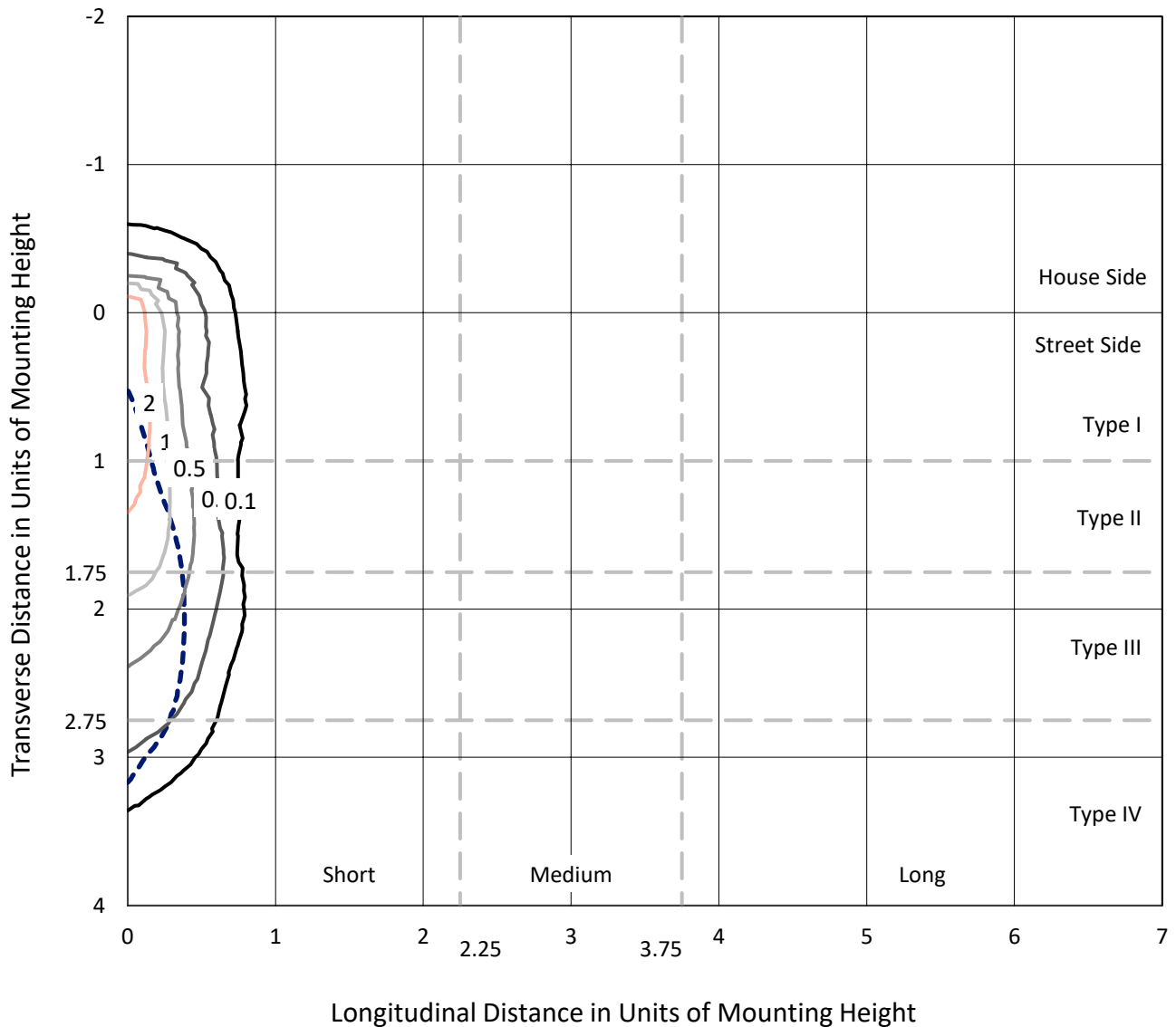




REPORT NUMBER: P649815
 CATALOG NUMBER: GLAN-SA3A-835-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

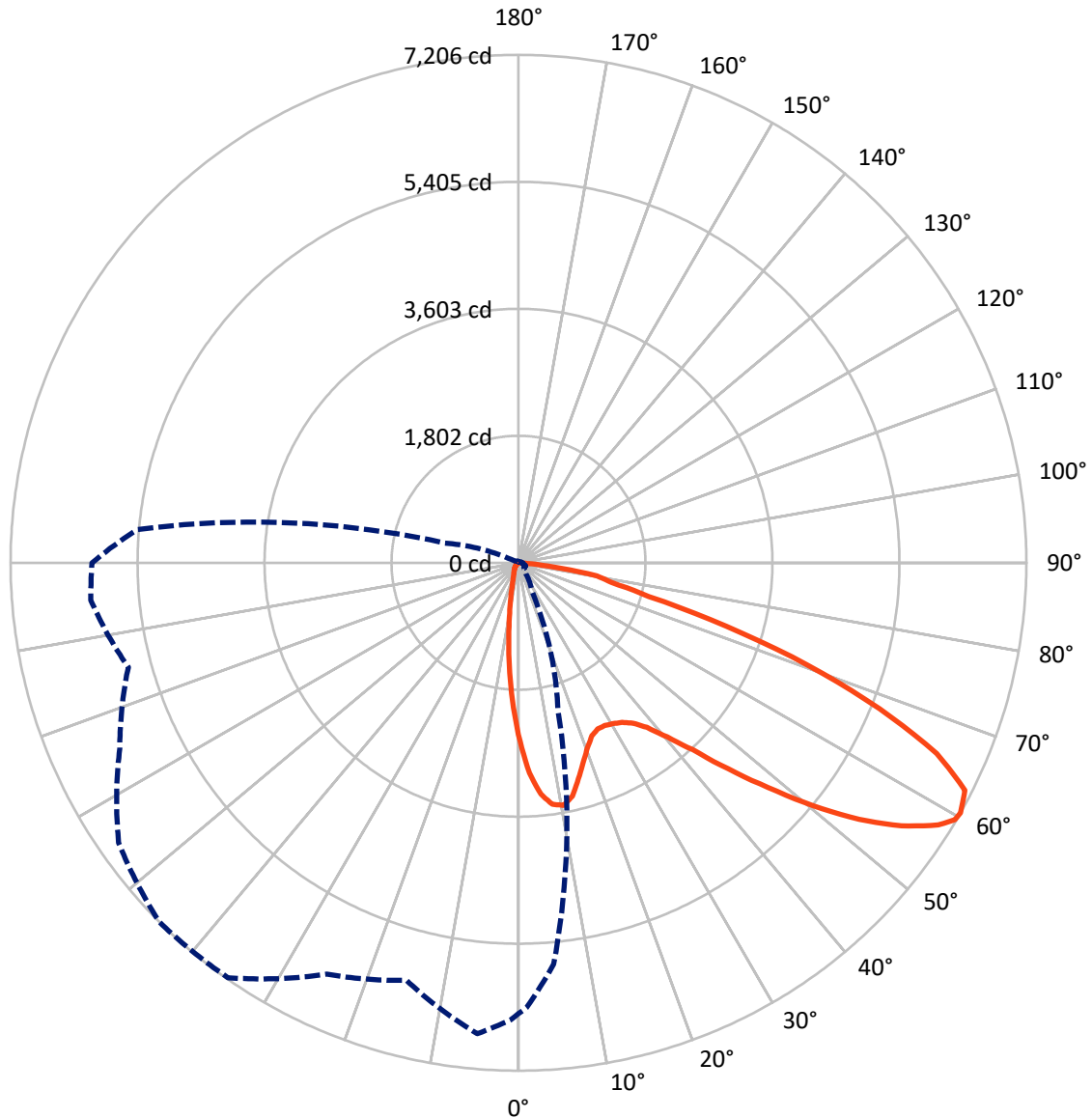
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.1 fc
 Type IV - Short - N/A

REPORT NUMBER: P649815
CATALOG NUMBER: GLAN-SA3A-835-U-SLR-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P649815
 CATALOG NUMBER: GLAN-SA3A-835-U-SLR-HSS

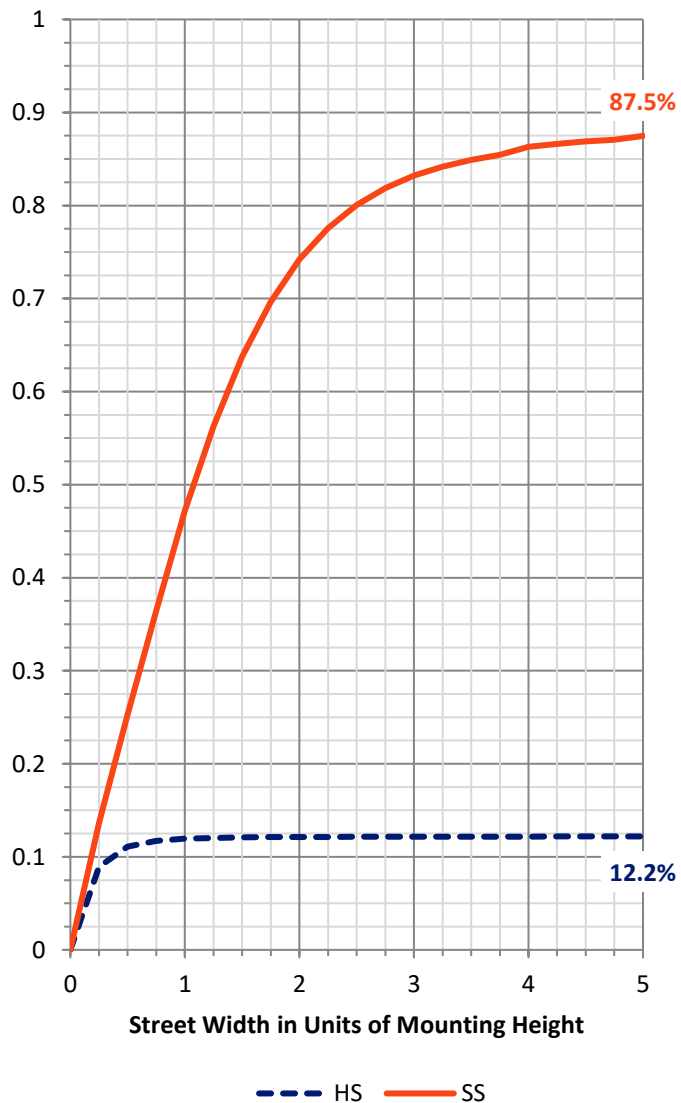
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 946.8 | 0.0 | 946.8 |
| | % Fixture | 12.3 | 0.0 | 12.3 |
| Street Side | Lumens | 6729.7 | 0.0 | 6729.7 |
| | % Fixture | 87.7 | 0.0 | 87.7 |
| Total | Lumens | 7676.5 | 0.0 | 7676.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 188.7 | 2.5 |
| 10°-20° | 374.8 | 4.9 |
| 20°-30° | 549.5 | 7.2 |
| 30°-40° | 817.2 | 10.6 |
| 40°-50° | 1189.3 | 15.5 |
| 50°-60° | 1715.1 | 22.3 |
| 60°-70° | 1886.4 | 24.6 |
| 70°-80° | 845.0 | 11.0 |
| 80°-90° | 110.4 | 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° | 7676.5 | 100.0 |
| 0°-180° | 7676.5 | 100.0 |

Coefficient of Utilization



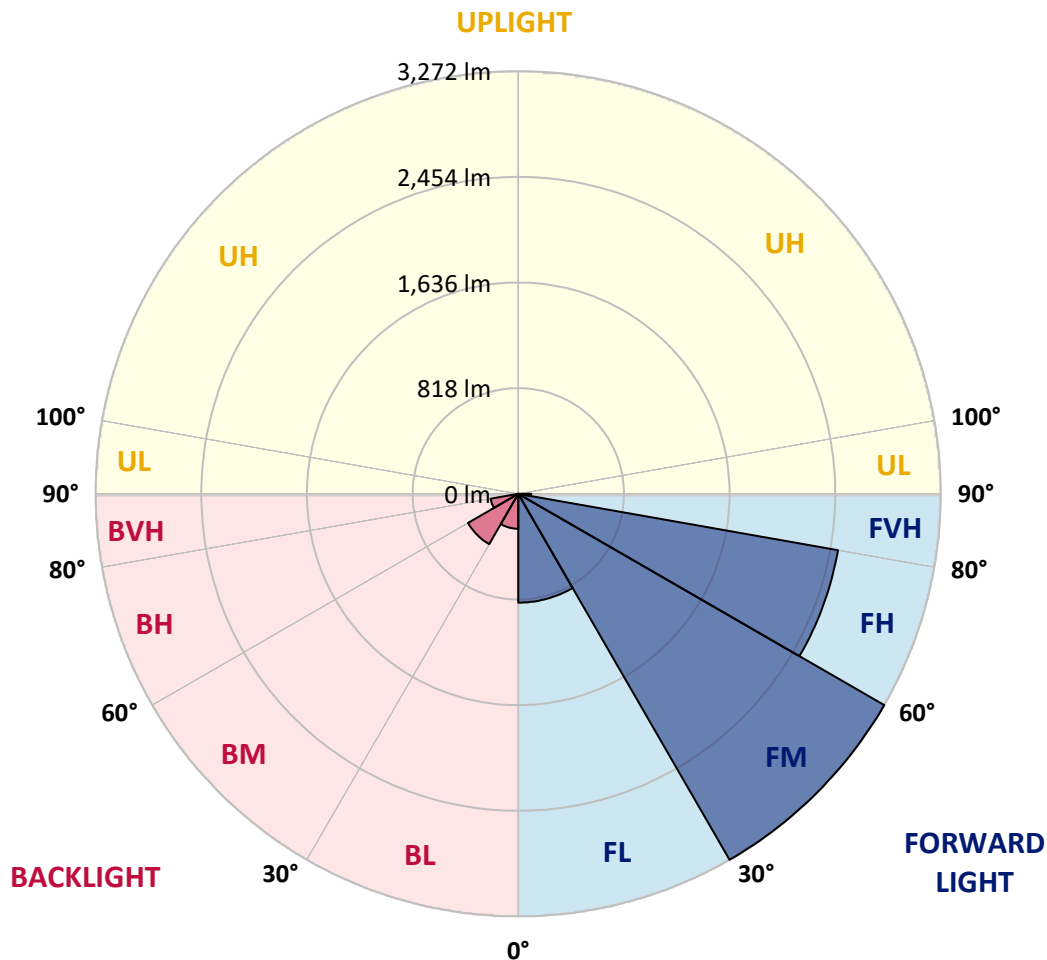
REPORT NUMBER: P649815
 CATALOG NUMBER: GLAN-SA3A-835-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 842.5 | 11.0 | | | |
| FM (30°-60°) | 3272.0 | 42.6 | | | |
| FH (60°-80°) | 2514.3 | 32.8 | | | G2/5000 |
| FVH (80°-90°) | 101.0 | 1.3 | | | G2/225 |
| BL (0°-30°) | 270.5 | 3.5 | B1/500 | | |
| BM (30°-60°) | 449.7 | 5.9 | B1/1000 | | |
| BH (60°-80°) | 217.1 | 2.8 | B1/500 | | G1/500 |
| BVH (80°-90°) | 9.4 | 0.1 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





REPORT NUMBER: P649815

CATALOG NUMBER: GLAN-SA3A-835-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 |
| 2.5° | 2789.3 | 2777.1 | 2749.0 | 2663.8 | 2589.7 | 2492.8 | 2394.8 | 2317.8 | 2270.5 | 2183.6 | 2143.9 |
| 5° | 2702.4 | 2708.2 | 2627.0 | 2452.0 | 2257.1 | 2124.0 | 1978.8 | 1863.2 | 1736.0 | 1655.5 | 1570.9 |
| 7.5° | 2475.4 | 2463.7 | 2375.5 | 2131.6 | 1894.7 | 1702.2 | 1518.3 | 1369.0 | 1275.0 | 1199.7 | 1136.8 |
| 10° | 2281.0 | 2272.3 | 2159.7 | 1845.7 | 1591.3 | 1447.1 | 1322.9 | 1192.2 | 1091.2 | 980.9 | 892.8 |
| 12.5° | 2159.0 | 2139.2 | 2009.7 | 1681.7 | 1474.6 | 1340.3 | 1205.0 | 1069.0 | 929.6 | 818.1 | 711.4 |
| 15° | 2118.2 | 2089.7 | 1945.5 | 1625.1 | 1399.9 | 1229.5 | 1059.7 | 903.3 | 742.8 | 619.7 | 539.2 |
| 17.5° | 2192.3 | 2145.1 | 1991.6 | 1615.3 | 1310.6 | 1084.8 | 875.9 | 672.2 | 505.3 | 411.4 | 361.8 |
| 20° | 2362.2 | 2307.9 | 2108.3 | 1605.3 | 1211.4 | 922.5 | 665.8 | 475.0 | 349.5 | 298.2 | 270.8 |
| 22.5° | 2614.2 | 2539.5 | 2281.0 | 1621.0 | 1119.8 | 764.4 | 480.8 | 335.5 | 277.7 | 245.7 | 226.4 |
| 25° | 2917.1 | 2854.7 | 2499.9 | 1677.1 | 1047.4 | 640.1 | 371.7 | 274.3 | 234.0 | 214.2 | 199.6 |
| 27.5° | 3249.1 | 3149.3 | 2782.9 | 1744.2 | 981.5 | 543.9 | 326.2 | 245.1 | 208.4 | 190.3 | 182.7 |
| 30° | 3485.4 | 3407.9 | 3019.8 | 1790.9 | 899.2 | 471.5 | 298.2 | 241.6 | 208.9 | 187.3 | 173.3 |
| 32.5° | 3718.9 | 3619.7 | 3218.2 | 1812.5 | 839.1 | 421.3 | 257.9 | 210.6 | 183.2 | 172.1 | 158.2 |
| 35° | 3968.6 | 3864.7 | 3416.0 | 1800.8 | 794.2 | 388.1 | 234.0 | 187.9 | 157.0 | 138.3 | 124.3 |
| 37.5° | 4221.3 | 4111.6 | 3612.7 | 1758.8 | 766.2 | 374.7 | 215.3 | 178.5 | 148.2 | 129.0 | 113.8 |
| 40° | 4521.2 | 4374.8 | 3797.1 | 1724.3 | 737.0 | 367.6 | 203.0 | 172.7 | 141.8 | 121.4 | 106.2 |
| 42.5° | 4766.3 | 4626.8 | 3971.5 | 1706.2 | 717.1 | 351.3 | 203.0 | 168.0 | 137.7 | 114.9 | 99.2 |
| 45° | 4998.5 | 4853.8 | 4160.0 | 1720.9 | 709.0 | 330.9 | 205.4 | 167.5 | 134.8 | 110.3 | 94.5 |
| 47.5° | 5192.9 | 5067.4 | 4353.7 | 1775.7 | 698.5 | 308.7 | 193.2 | 175.6 | 133.0 | 106.2 | 89.9 |
| 50° | 5422.2 | 5300.8 | 4609.9 | 1886.6 | 679.8 | 286.5 | 178.0 | 189.1 | 132.5 | 102.7 | 85.8 |
| 52.5° | 5745.5 | 5614.2 | 4963.5 | 2012.6 | 650.0 | 252.7 | 164.0 | 187.3 | 130.1 | 96.9 | 81.7 |
| 55° | 6140.5 | 6034.3 | 5373.2 | 2163.7 | 609.2 | 214.8 | 141.8 | 166.3 | 123.1 | 86.9 | 74.7 |
| 57.5° | 6393.7 | 6303.3 | 5680.1 | 2229.1 | 546.8 | 175.6 | 124.9 | 139.5 | 112.6 | 77.6 | 66.6 |
| 59° | 6423.6 | 6341.8 | 5744.3 | 2207.5 | 505.9 | 160.4 | 116.7 | 119.6 | 109.7 | 72.3 | 61.9 |
| 60° | 6398.4 | 6313.8 | 5718.6 | 2165.5 | 468.0 | 149.9 | 109.7 | 106.2 | 110.3 | 69.5 | 58.3 |
| 62.5° | 6237.4 | 6092.7 | 5469.5 | 1952.5 | 409.0 | 137.7 | 97.5 | 86.9 | 97.5 | 62.4 | 51.9 |
| 65° | 5926.4 | 5709.3 | 4976.4 | 1652.6 | 385.7 | 130.7 | 82.8 | 73.0 | 74.1 | 54.9 | 44.9 |
| 67.5° | 5383.1 | 5109.4 | 4319.9 | 1342.7 | 375.8 | 131.3 | 70.0 | 65.4 | 57.2 | 46.7 | 39.7 |
| 70° | 4524.2 | 4251.1 | 3466.2 | 1104.7 | 371.1 | 131.3 | 59.5 | 56.0 | 47.8 | 39.1 | 34.5 |
| 72.5° | 3205.9 | 2911.8 | 2338.2 | 867.7 | 334.3 | 130.7 | 50.7 | 50.7 | 39.1 | 32.7 | 28.0 |
| 75° | 1811.3 | 1813.6 | 1469.9 | 613.9 | 277.7 | 108.0 | 40.9 | 40.2 | 28.6 | 25.1 | 21.0 |
| 77.5° | 1055.6 | 1036.9 | 990.8 | 263.8 | 129.0 | 49.0 | 28.6 | 24.5 | 19.8 | 18.1 | 15.2 |
| 80° | 542.7 | 446.4 | 434.7 | 95.7 | 46.1 | 30.9 | 19.8 | 14.0 | 12.8 | 11.7 | 10.5 |
| 82.5° | 160.4 | 161.1 | 143.5 | 38.5 | 25.7 | 20.4 | 9.9 | 7.6 | 7.0 | 6.4 | 6.4 |
| 85° | 11.1 | 7.0 | 8.1 | 11.7 | 15.7 | 8.1 | 0.5 | 1.7 | 1.7 | 2.3 | 2.9 |
| 87.5° | 1.2 | 0.5 | 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 |



REPORT NUMBER: P649815
 CATALOG NUMBER: GLAN-SA3A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 |
| 2.5° | 2100.2 | 2125.8 | 2077.9 | 2079.1 | 2039.5 | 2052.3 | 2005.6 | 2020.8 | 1993.4 | 2014.3 | 2076.2 |
| 5° | 1580.2 | 1586.0 | 1547.5 | 1535.3 | 1541.1 | 1565.1 | 1574.4 | 1531.8 | 1549.9 | 1514.2 | 1512.0 |
| 7.5° | 1113.3 | 1120.4 | 1098.2 | 1095.3 | 1137.3 | 1127.4 | 1145.5 | 1101.7 | 1060.3 | 1078.3 | 1045.1 |
| 10° | 864.8 | 835.6 | 790.1 | 777.3 | 769.1 | 774.4 | 774.4 | 734.7 | 728.8 | 713.1 | 737.0 |
| 12.5° | 682.7 | 647.1 | 603.9 | 545.6 | 531.0 | 529.9 | 508.2 | 473.2 | 462.1 | 448.7 | 468.5 |
| 15° | 496.0 | 481.4 | 445.2 | 412.6 | 379.3 | 372.9 | 337.9 | 309.3 | 271.3 | 266.1 | 264.3 |
| 17.5° | 349.0 | 327.4 | 326.7 | 308.1 | 288.8 | 276.0 | 243.4 | 210.6 | 196.1 | 194.3 | 194.3 |
| 20° | 261.4 | 253.8 | 241.6 | 239.3 | 233.4 | 218.8 | 189.6 | 172.1 | 165.1 | 165.8 | 168.0 |
| 22.5° | 220.0 | 214.8 | 203.7 | 198.4 | 196.1 | 183.2 | 161.6 | 149.9 | 146.5 | 146.5 | 147.0 |
| 25° | 196.7 | 192.0 | 179.7 | 171.6 | 168.7 | 159.3 | 142.3 | 133.7 | 130.7 | 130.7 | 130.7 |
| 27.5° | 179.2 | 173.3 | 160.4 | 153.5 | 148.2 | 137.7 | 127.2 | 118.5 | 115.6 | 115.6 | 116.1 |
| 30° | 166.9 | 160.4 | 148.8 | 139.5 | 131.3 | 122.0 | 113.2 | 105.6 | 102.1 | 101.6 | 102.1 |
| 32.5° | 150.6 | 144.7 | 133.0 | 127.2 | 117.8 | 106.8 | 99.8 | 92.8 | 89.3 | 89.9 | 89.3 |
| 35° | 117.3 | 115.6 | 107.3 | 109.2 | 103.9 | 94.5 | 88.1 | 80.5 | 76.4 | 75.9 | 77.0 |
| 37.5° | 106.8 | 99.8 | 90.4 | 91.1 | 89.3 | 85.8 | 75.2 | 67.1 | 64.2 | 64.2 | 64.8 |
| 40° | 98.6 | 91.6 | 81.1 | 75.9 | 76.4 | 76.4 | 65.4 | 56.6 | 53.7 | 53.1 | 54.3 |
| 42.5° | 91.6 | 84.6 | 73.0 | 64.2 | 61.9 | 64.8 | 55.4 | 46.7 | 43.8 | 42.6 | 43.8 |
| 45° | 86.9 | 79.4 | 65.9 | 56.0 | 49.0 | 52.5 | 45.5 | 38.5 | 35.0 | 35.0 | 34.5 |
| 47.5° | 82.3 | 75.2 | 60.7 | 48.5 | 40.9 | 39.1 | 37.3 | 30.9 | 27.4 | 26.9 | 27.4 |
| 50° | 78.2 | 71.2 | 54.9 | 42.0 | 34.5 | 30.4 | 30.4 | 24.5 | 22.2 | 21.0 | 21.6 |
| 52.5° | 74.1 | 66.6 | 49.6 | 37.3 | 29.8 | 24.5 | 21.6 | 19.8 | 18.1 | 17.5 | 18.1 |
| 55° | 68.3 | 60.7 | 44.3 | 32.1 | 25.7 | 20.4 | 16.9 | 16.4 | 15.2 | 14.0 | 15.2 |
| 57.5° | 61.3 | 54.3 | 39.1 | 27.4 | 20.4 | 15.7 | 14.0 | 13.4 | 12.3 | 11.7 | 11.7 |
| 59° | 57.2 | 50.7 | 36.2 | 24.0 | 18.1 | 14.0 | 12.8 | 12.3 | 11.1 | 9.9 | 10.5 |
| 60° | 54.9 | 49.6 | 34.5 | 22.2 | 16.4 | 12.8 | 11.7 | 11.1 | 9.9 | 9.3 | 9.9 |
| 62.5° | 48.5 | 44.3 | 30.4 | 18.1 | 12.8 | 9.3 | 8.1 | 8.8 | 8.1 | 7.6 | 8.1 |
| 65° | 42.6 | 39.1 | 25.7 | 14.0 | 9.9 | 6.4 | 5.9 | 7.6 | 7.0 | 6.4 | 7.0 |
| 67.5° | 37.9 | 33.8 | 21.6 | 10.5 | 7.0 | 3.5 | 4.1 | 6.4 | 6.4 | 5.9 | 6.4 |
| 70° | 32.7 | 29.2 | 17.5 | 7.6 | 3.5 | 1.7 | 2.9 | 4.7 | 5.9 | 5.2 | 5.9 |
| 72.5° | 26.9 | 22.8 | 13.4 | 5.2 | 1.7 | 0.0 | 1.7 | 4.1 | 5.9 | 5.2 | 5.9 |
| 75° | 21.0 | 16.9 | 9.9 | 2.9 | 0.0 | 0.0 | 0.5 | 3.5 | 5.9 | 5.2 | 5.9 |
| 77.5° | 15.2 | 12.3 | 5.9 | 0.5 | 0.0 | 0.0 | 0.5 | 3.5 | 5.9 | 5.2 | 5.9 |
| 80° | 9.9 | 8.8 | 2.3 | 0.0 | 0.0 | 0.0 | 0.5 | 3.5 | 5.9 | 5.9 | 6.4 |
| 82.5° | 6.4 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 4.7 | 6.4 | 7.0 | 7.0 |
| 85° | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 5.9 | 7.6 | 7.6 | 7.6 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 4.1 | 7.0 | 8.8 | 8.8 | 8.8 |
| 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: P649815

CATALOG NUMBER: GLAN-SA3A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 |
| 2.5° | 2086.7 | 2123.5 | 2175.4 | 2255.4 | 2320.1 | 2422.2 | 2500.4 | 2607.2 | 2715.2 | 2747.9 | 2798.6 |
| 5° | 1535.9 | 1583.1 | 1701.0 | 1808.3 | 1876.1 | 2091.9 | 2228.5 | 2443.8 | 2637.0 | 2729.8 | 2830.7 |
| 7.5° | 1066.7 | 1122.7 | 1212.6 | 1362.6 | 1504.9 | 1680.6 | 1901.1 | 2147.4 | 2430.4 | 2562.9 | 2705.3 |
| 10° | 748.7 | 818.7 | 945.3 | 1068.5 | 1247.6 | 1414.5 | 1632.2 | 1904.1 | 2216.3 | 2372.6 | 2551.2 |
| 12.5° | 472.7 | 535.1 | 702.6 | 840.9 | 1064.3 | 1258.1 | 1458.8 | 1705.1 | 2066.9 | 2227.3 | 2414.7 |
| 15° | 270.2 | 322.7 | 400.9 | 578.2 | 826.3 | 1082.4 | 1332.8 | 1618.7 | 1990.5 | 2188.3 | 2390.7 |
| 17.5° | 201.3 | 215.3 | 250.3 | 350.7 | 576.5 | 875.9 | 1216.7 | 1592.5 | 2042.4 | 2274.6 | 2505.7 |
| 20° | 169.2 | 178.5 | 194.9 | 234.6 | 367.6 | 674.6 | 1103.5 | 1597.2 | 2210.4 | 2502.2 | 2721.6 |
| 22.5° | 151.7 | 157.5 | 171.0 | 196.7 | 251.0 | 491.3 | 971.0 | 1624.6 | 2414.1 | 2781.7 | 3035.0 |
| 25° | 133.0 | 140.6 | 152.3 | 174.5 | 208.9 | 340.8 | 840.3 | 1685.8 | 2699.4 | 3136.5 | 3374.6 |
| 27.5° | 118.5 | 125.4 | 137.1 | 157.5 | 183.2 | 260.3 | 688.0 | 1738.3 | 3000.5 | 3493.6 | 3688.5 |
| 30° | 103.9 | 110.9 | 122.5 | 138.9 | 162.2 | 210.6 | 524.0 | 1769.3 | 3292.9 | 3761.5 | 3911.4 |
| 32.5° | 91.6 | 97.5 | 108.5 | 123.1 | 142.3 | 178.5 | 413.1 | 1737.2 | 3516.4 | 4004.8 | 4105.2 |
| 35° | 79.4 | 86.4 | 95.7 | 109.2 | 126.1 | 152.3 | 343.7 | 1626.3 | 3708.4 | 4255.1 | 4291.3 |
| 37.5° | 66.6 | 74.7 | 84.6 | 96.9 | 110.3 | 140.1 | 276.0 | 1503.8 | 3913.7 | 4567.3 | 4507.8 |
| 40° | 56.0 | 63.6 | 73.0 | 86.4 | 98.6 | 128.4 | 212.4 | 1373.1 | 4135.5 | 4860.2 | 4744.1 |
| 42.5° | 45.5 | 53.7 | 64.8 | 77.0 | 97.5 | 112.0 | 164.6 | 1237.7 | 4334.5 | 5115.3 | 4957.7 |
| 45° | 36.2 | 43.1 | 54.9 | 70.6 | 96.9 | 96.3 | 127.2 | 1104.0 | 4484.5 | 5297.3 | 5117.0 |
| 47.5° | 28.6 | 34.5 | 46.1 | 68.8 | 89.3 | 81.7 | 102.1 | 1021.2 | 4642.0 | 5461.3 | 5239.0 |
| 50° | 22.8 | 28.6 | 39.7 | 71.8 | 78.2 | 70.0 | 85.8 | 1034.6 | 4794.3 | 5544.7 | 5289.2 |
| 52.5° | 19.3 | 25.1 | 34.5 | 56.6 | 60.1 | 61.3 | 75.2 | 1096.4 | 4991.0 | 5634.0 | 5388.9 |
| 55° | 16.9 | 22.2 | 29.2 | 39.7 | 46.7 | 54.9 | 68.8 | 1141.4 | 5254.2 | 5825.4 | 5608.9 |
| 57.5° | 13.4 | 19.3 | 26.2 | 33.8 | 38.5 | 47.8 | 63.6 | 1144.9 | 5492.2 | 6071.1 | 5901.2 |
| 59° | 12.3 | 17.5 | 24.5 | 32.1 | 34.5 | 43.1 | 60.1 | 1115.1 | 5501.0 | 6107.9 | 6035.5 |
| 60° | 11.1 | 16.9 | 23.3 | 29.8 | 32.7 | 40.9 | 57.2 | 1080.7 | 5421.6 | 6049.5 | 6091.0 |
| 62.5° | 9.3 | 14.6 | 20.4 | 24.0 | 28.0 | 33.8 | 49.6 | 955.8 | 5037.0 | 5785.1 | 5988.2 |
| 65° | 8.1 | 12.8 | 17.5 | 19.8 | 23.3 | 29.2 | 43.8 | 765.0 | 4612.3 | 5426.9 | 5694.1 |
| 67.5° | 7.6 | 11.7 | 15.2 | 16.9 | 20.4 | 26.9 | 39.1 | 540.3 | 4062.0 | 4972.3 | 5252.4 |
| 70° | 7.0 | 11.1 | 13.4 | 15.7 | 18.1 | 22.8 | 33.3 | 315.1 | 3128.9 | 4175.2 | 4471.0 |
| 72.5° | 7.0 | 10.5 | 11.7 | 13.4 | 15.7 | 20.4 | 30.9 | 170.4 | 2139.2 | 3184.9 | 3567.1 |
| 75° | 7.0 | 9.9 | 10.5 | 11.7 | 14.0 | 18.6 | 27.4 | 89.3 | 1383.0 | 2212.8 | 2730.9 |
| 77.5° | 7.0 | 9.3 | 10.5 | 11.1 | 13.4 | 16.4 | 24.0 | 56.0 | 921.4 | 1549.9 | 1845.7 |
| 80° | 7.6 | 9.3 | 9.9 | 11.1 | 12.8 | 15.2 | 19.8 | 37.3 | 541.5 | 932.5 | 1123.3 |
| 82.5° | 8.1 | 9.3 | 10.5 | 11.7 | 13.4 | 14.6 | 17.5 | 23.3 | 249.8 | 616.8 | 697.9 |
| 85° | 8.8 | 9.9 | 11.1 | 12.3 | 14.0 | 14.6 | 16.4 | 16.9 | 40.9 | 278.4 | 376.4 |
| 87.5° | 9.3 | 10.5 | 11.7 | 12.8 | 15.2 | 15.2 | 15.2 | 15.2 | 14.0 | 29.8 | 75.9 |
| 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: P649815

CATALOG NUMBER: GLAN-SA3A-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 | 2537.2 |
| 2.5° | 2862.8 | 2928.7 | 2974.9 | 2986.5 | 2953.2 | 2938.1 | 2896.1 | 2830.7 | 2791.0 | 2789.3 |
| 5° | 3016.9 | 3171.5 | 3278.9 | 3297.0 | 3232.8 | 3124.2 | 2995.3 | 2829.0 | 2731.5 | 2702.4 |
| 7.5° | 2990.6 | 3261.4 | 3434.1 | 3459.2 | 3351.2 | 3144.1 | 2894.4 | 2626.5 | 2520.2 | 2475.4 |
| 10° | 2882.7 | 3213.0 | 3459.8 | 3499.5 | 3355.3 | 3063.6 | 2746.1 | 2447.3 | 2315.5 | 2281.0 |
| 12.5° | 2790.5 | 3124.2 | 3343.6 | 3398.5 | 3289.4 | 2998.2 | 2657.4 | 2332.4 | 2191.1 | 2159.0 |
| 15° | 2750.2 | 3019.2 | 3153.4 | 3181.4 | 3163.3 | 2957.3 | 2648.1 | 2314.9 | 2153.2 | 2118.2 |
| 17.5° | 2790.5 | 2929.9 | 2946.8 | 2975.4 | 3015.7 | 2953.2 | 2737.9 | 2410.0 | 2235.5 | 2192.3 |
| 20° | 2896.1 | 2852.3 | 2782.3 | 2794.5 | 2886.8 | 2970.2 | 2897.8 | 2620.6 | 2408.3 | 2362.2 |
| 22.5° | 3075.8 | 2833.1 | 2674.3 | 2663.8 | 2780.5 | 3026.8 | 3132.4 | 2906.0 | 2659.8 | 2614.2 |
| 25° | 3296.4 | 2881.5 | 2634.6 | 2611.9 | 2739.1 | 3109.7 | 3387.4 | 3255.6 | 2986.5 | 2917.1 |
| 27.5° | 3536.8 | 2981.8 | 2634.6 | 2612.5 | 2735.6 | 3183.2 | 3605.6 | 3564.8 | 3325.0 | 3249.1 |
| 30° | 3668.7 | 3064.7 | 2672.6 | 2647.5 | 2778.8 | 3225.8 | 3722.4 | 3839.7 | 3579.4 | 3485.4 |
| 32.5° | 3786.5 | 3179.7 | 2746.7 | 2699.4 | 2869.2 | 3288.8 | 3826.8 | 4073.1 | 3781.9 | 3718.9 |
| 35° | 3895.1 | 3302.8 | 2848.8 | 2794.0 | 2988.2 | 3375.1 | 3942.3 | 4318.2 | 4063.7 | 3968.6 |
| 37.5° | 4014.7 | 3445.7 | 3008.1 | 2961.5 | 3187.3 | 3543.2 | 4079.5 | 4640.3 | 4340.9 | 4221.3 |
| 40° | 4144.8 | 3611.5 | 3270.1 | 3250.3 | 3503.5 | 3733.4 | 4252.8 | 4984.0 | 4657.2 | 4521.2 |
| 42.5° | 4277.3 | 3802.3 | 3591.1 | 3623.7 | 3861.8 | 4000.1 | 4430.8 | 5248.3 | 4916.3 | 4766.3 |
| 45° | 4397.5 | 4046.2 | 4008.3 | 4169.9 | 4279.6 | 4260.4 | 4562.6 | 5434.4 | 5142.1 | 4998.5 |
| 47.5° | 4549.2 | 4401.6 | 4513.1 | 4762.2 | 4765.1 | 4543.4 | 4662.5 | 5586.8 | 5336.4 | 5192.9 |
| 50° | 4719.1 | 4821.2 | 5164.8 | 5418.7 | 5350.4 | 4821.7 | 4779.1 | 5767.0 | 5537.1 | 5422.2 |
| 52.5° | 4915.7 | 5290.9 | 5767.0 | 6048.9 | 5889.6 | 5125.2 | 4973.5 | 5962.0 | 5855.7 | 5745.5 |
| 55° | 5144.5 | 5611.3 | 6367.5 | 6592.2 | 6431.7 | 5502.1 | 5268.7 | 6226.3 | 6215.8 | 6140.5 |
| 57.5° | 5402.9 | 5949.7 | 6715.3 | 7019.4 | 6876.4 | 5944.5 | 5681.3 | 6475.5 | 6435.8 | 6393.7 |
| 59° | 5607.1 | 6123.6 | 6868.8 | 7183.9 | 7097.5 | 6254.3 | 5958.5 | 6630.7 | 6486.5 | 6423.6 |
| 60° | 5730.9 | 6241.4 | 6925.4 | 7206.0 | 7186.2 | 6438.7 | 6134.1 | 6706.6 | 6486.0 | 6398.4 |
| 62.5° | 6097.9 | 6447.5 | 6903.8 | 7107.4 | 7185.0 | 6792.4 | 6649.4 | 6790.0 | 6365.8 | 6237.4 |
| 65° | 6228.6 | 6379.2 | 6546.1 | 6521.0 | 6587.5 | 6774.2 | 6978.5 | 6698.4 | 6109.0 | 5926.4 |
| 67.5° | 5974.2 | 5630.6 | 5689.4 | 5522.0 | 5489.3 | 6022.7 | 6844.8 | 6250.2 | 5606.6 | 5383.1 |
| 70° | 5035.9 | 4313.5 | 4283.7 | 4360.8 | 4149.5 | 4876.0 | 6146.4 | 5387.2 | 4777.4 | 4524.2 |
| 72.5° | 3963.9 | 3048.4 | 2797.4 | 3081.0 | 3074.6 | 3720.0 | 5105.9 | 3822.8 | 3227.5 | 3205.9 |
| 75° | 3117.2 | 2122.3 | 1862.6 | 1908.7 | 1997.4 | 2693.0 | 4066.7 | 2427.5 | 1987.5 | 1811.3 |
| 77.5° | 2092.6 | 1503.8 | 1402.8 | 1346.2 | 1441.9 | 1729.0 | 2572.8 | 1316.5 | 1114.5 | 1055.6 |
| 80° | 1206.1 | 1092.4 | 1240.6 | 1126.2 | 1177.6 | 1089.5 | 1279.7 | 603.9 | 501.3 | 542.7 |
| 82.5° | 784.9 | 622.0 | 662.9 | 492.5 | 673.4 | 679.3 | 410.8 | 178.5 | 151.1 | 160.4 |
| 85° | 490.8 | 291.7 | 164.0 | 116.7 | 232.2 | 427.1 | 128.4 | 11.1 | 12.8 | 11.1 |
| 87.5° | 127.2 | 48.5 | 20.4 | 30.4 | 37.3 | 33.3 | 29.8 | 1.7 | 0.5 | 1.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)