

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: P453394

Luminaire Tested: **GLAN-SA4B-830-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P453394
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-SA4B-830-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 3000K, 800mA 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: 12846 lumens
Efficiency: N/A
Efficacy: 78.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

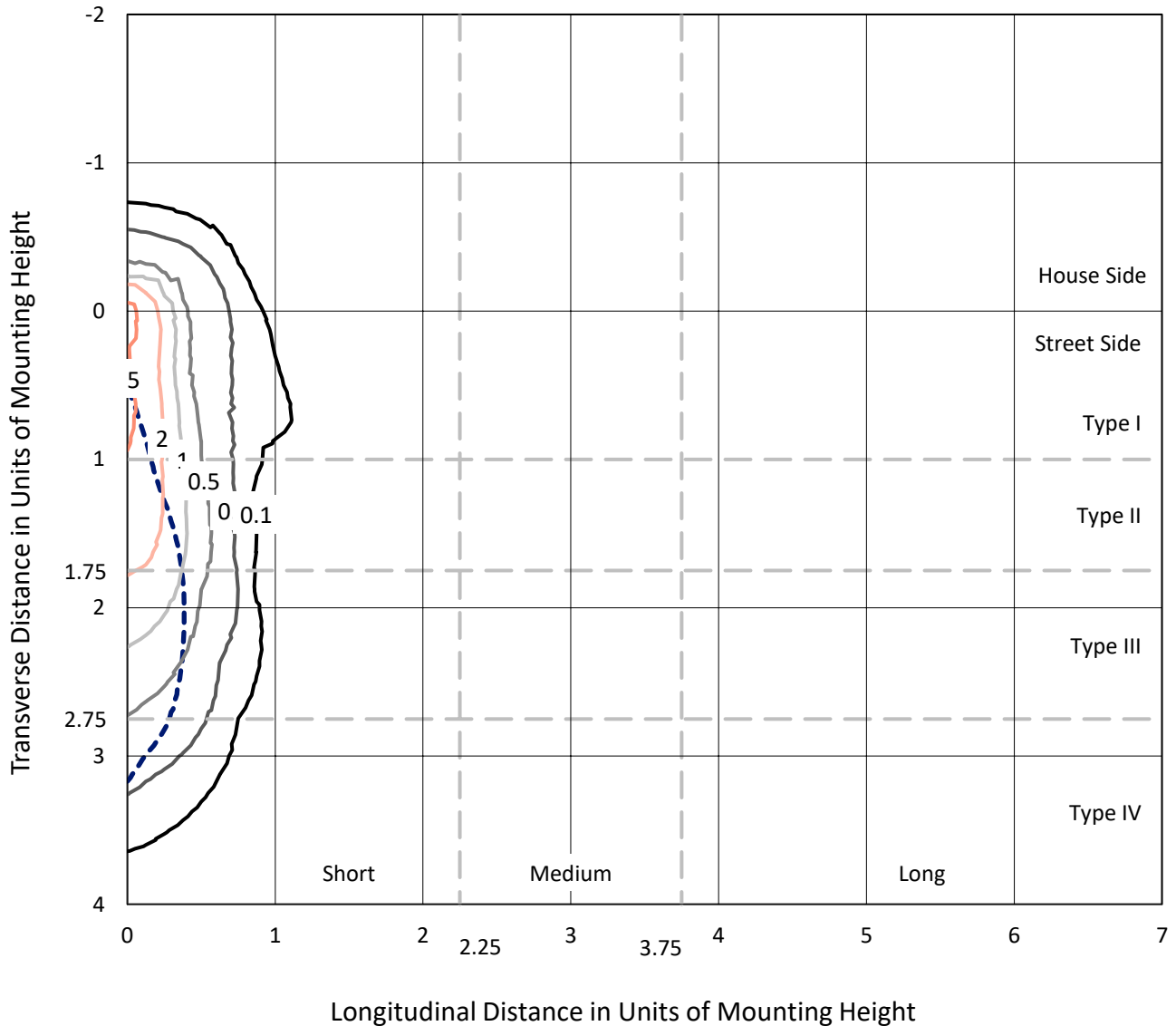
Input Watts (W): 164
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P453394
 CATALOG NUMBER: GLAN-SA4B-830-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

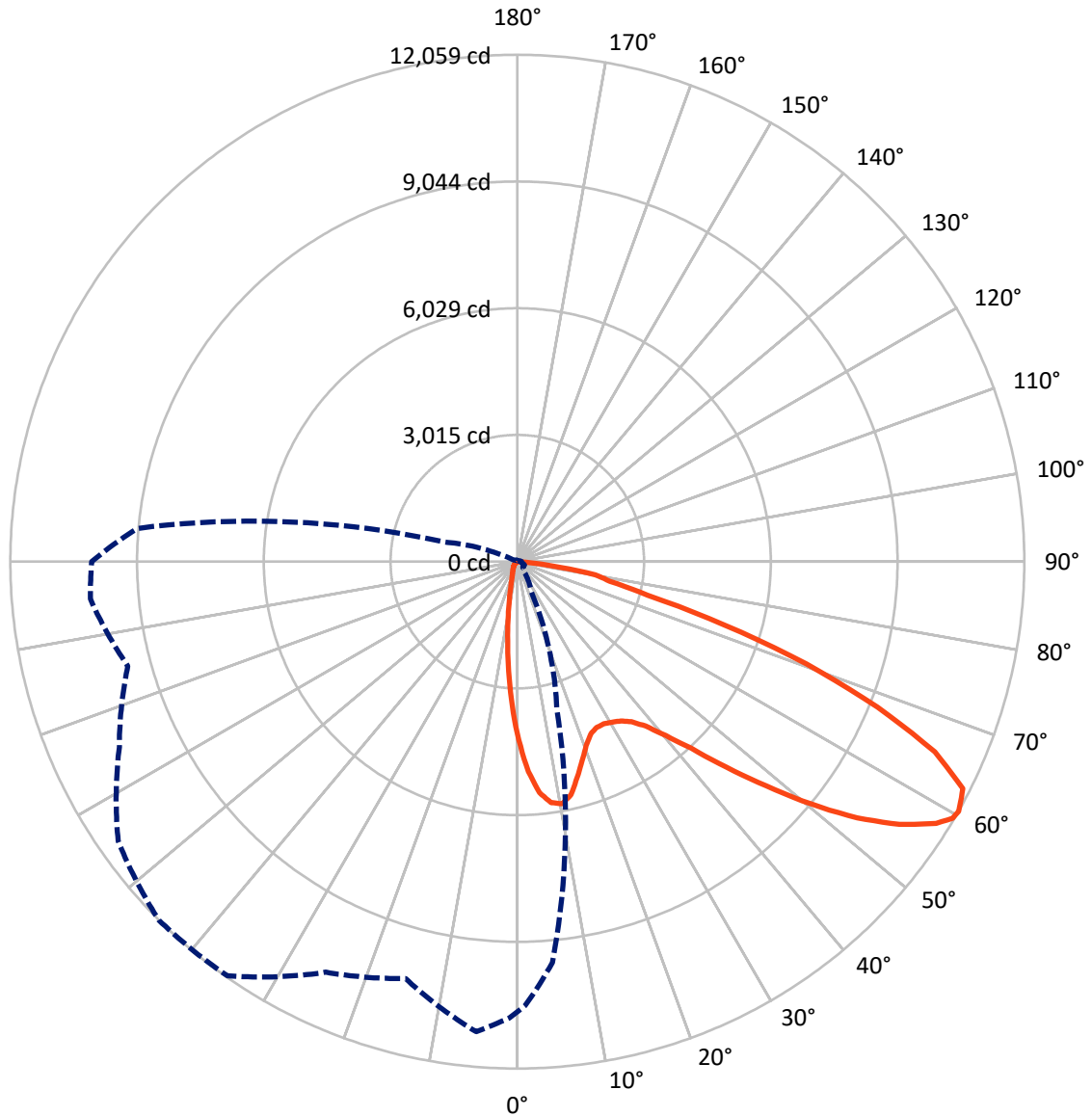
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P453394
CATALOG NUMBER: GLAN-SA4B-830-U-SLR-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P453394

CATALOG NUMBER: GLAN-SA4B-830-U-SLR-HSS

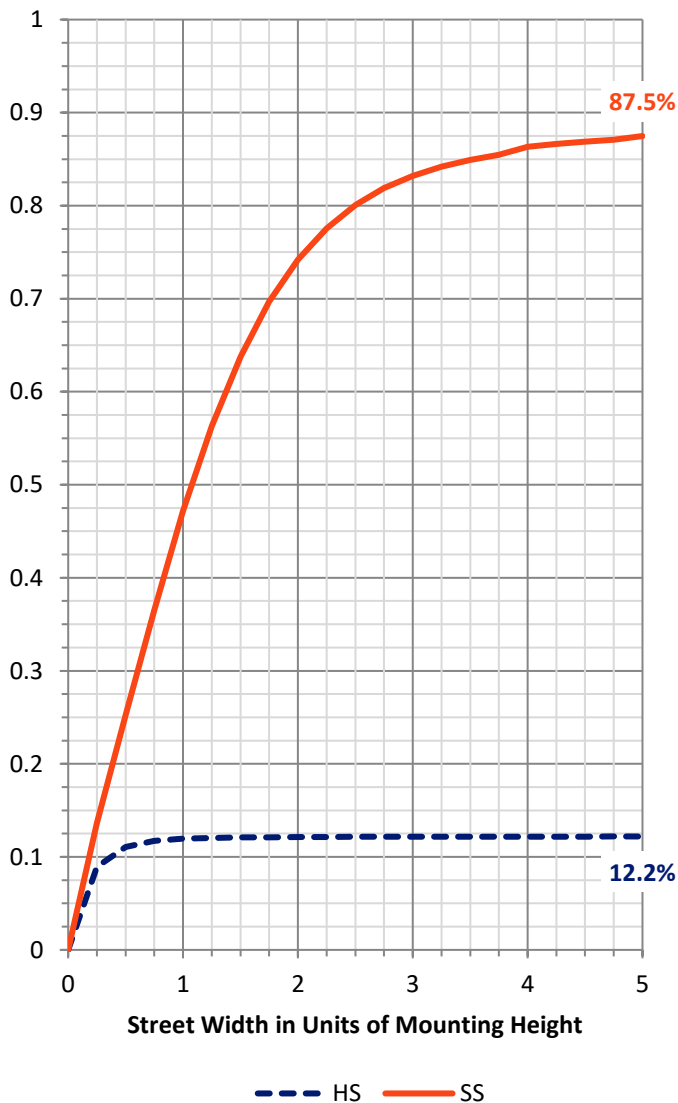
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 1584.4 | 0.0 | 1584.4 |
| | % Fixture | 12.3 | 0.0 | 12.3 |
| Street Side | Lumens | 11261.6 | 0.0 | 11261.6 |
| | % Fixture | 87.7 | 0.0 | 87.7 |
| Total | Lumens | 12846.0 | 0.0 | 12846.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 315.8 | 2.5 |
| 10°-20° | 627.2 | 4.9 |
| 20°-30° | 919.6 | 7.2 |
| 30°-40° | 1367.6 | 10.6 |
| 40°-50° | 1990.2 | 15.5 |
| 50°-60° | 2870.1 | 22.3 |
| 60°-70° | 3156.8 | 24.6 |
| 70°-80° | 1414.0 | 11.0 |
| 80°-90° | 184.8 | 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° | 12846.0 | 100.0 |
| 0°-180° | 12846.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P453394

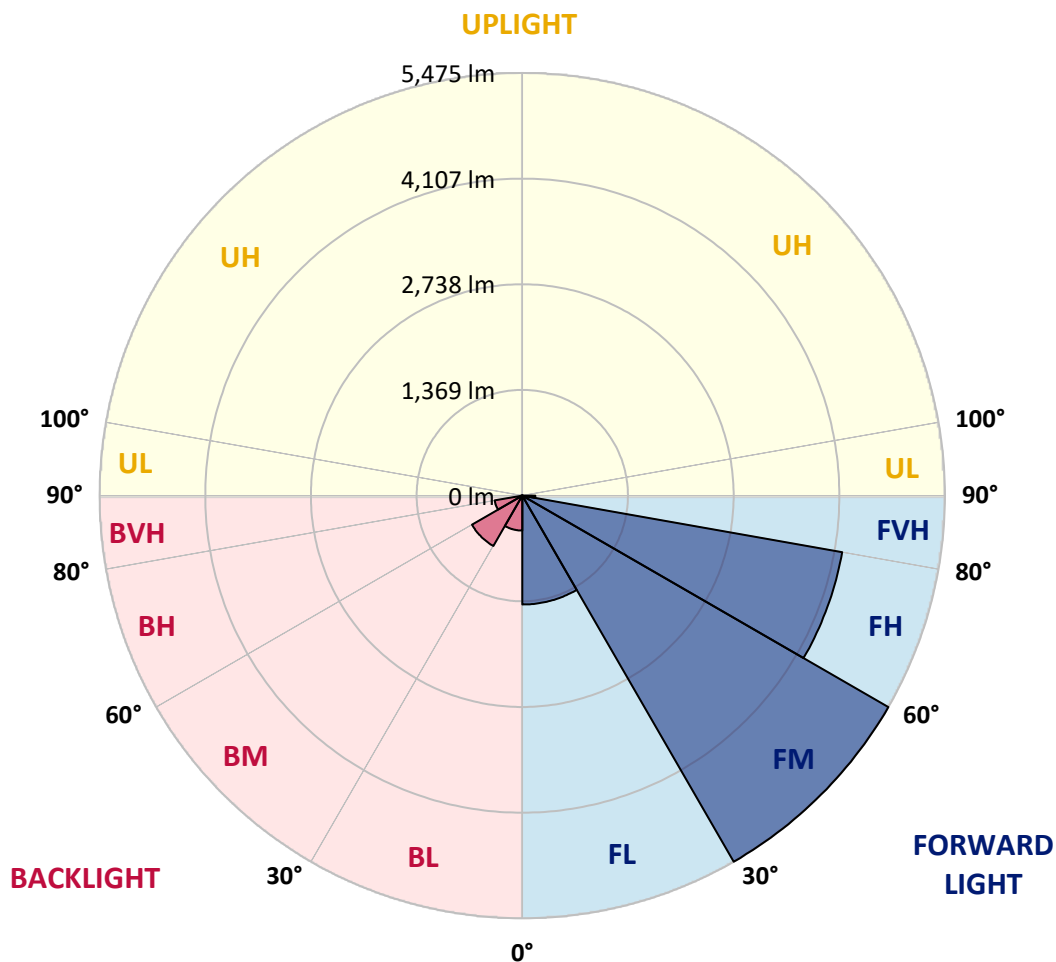
CATALOG NUMBER: GLAN-SA4B-830-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1409.8 | 11.0 | | | |
| FM (30°-60°) | 5475.4 | 42.6 | | | |
| FH (60°-80°) | 4207.4 | 32.8 | | | G2/5000 |
| FVH (80°-90°) | 169.0 | 1.3 | | | G2/225 |
| BL (0°-30°) | 452.7 | 3.5 | B1/500 | | |
| BM (30°-60°) | 752.6 | 5.9 | B1/1000 | | |
| BH (60°-80°) | 363.3 | 2.8 | B1/500 | | G1/500 |
| BVH (80°-90°) | 15.8 | 0.1 | | | G1/100 |
| 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: P453394

CATALOG NUMBER: GLAN-SA4B-830-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 |
| 2.5° | 4667.6 | 4647.1 | 4600.3 | 4457.7 | 4333.7 | 4171.6 | 4007.5 | 3878.6 | 3799.5 | 3654.0 | 3587.6 |
| 5° | 4522.1 | 4531.9 | 4396.2 | 4103.2 | 3777.1 | 3554.4 | 3311.3 | 3117.9 | 2905.1 | 2770.3 | 2628.7 |
| 7.5° | 4142.3 | 4122.7 | 3975.3 | 3567.1 | 3170.7 | 2848.4 | 2540.8 | 2290.8 | 2133.6 | 2007.7 | 1902.2 |
| 10° | 3817.1 | 3802.5 | 3614.0 | 3088.6 | 2662.9 | 2421.7 | 2213.7 | 1995.0 | 1826.0 | 1641.5 | 1494.0 |
| 12.5° | 3613.0 | 3579.8 | 3363.0 | 2814.2 | 2467.6 | 2243.0 | 2016.5 | 1788.9 | 1555.6 | 1369.0 | 1190.3 |
| 15° | 3544.7 | 3496.8 | 3255.6 | 2719.5 | 2342.6 | 2057.5 | 1773.3 | 1511.6 | 1243.1 | 1037.0 | 902.3 |
| 17.5° | 3668.7 | 3589.6 | 3332.8 | 2702.9 | 2193.2 | 1815.3 | 1465.7 | 1124.9 | 845.6 | 688.4 | 605.4 |
| 20° | 3952.8 | 3862.0 | 3528.1 | 2686.3 | 2027.2 | 1543.8 | 1114.2 | 794.9 | 584.9 | 499.0 | 453.1 |
| 22.5° | 4374.7 | 4249.7 | 3817.1 | 2712.7 | 1873.9 | 1279.2 | 804.6 | 561.5 | 464.8 | 411.1 | 378.9 |
| 25° | 4881.5 | 4777.0 | 4183.3 | 2806.4 | 1752.8 | 1071.2 | 622.0 | 459.0 | 391.6 | 358.4 | 334.0 |
| 27.5° | 5437.1 | 5270.1 | 4656.9 | 2918.7 | 1642.5 | 910.1 | 545.9 | 410.1 | 348.6 | 318.3 | 305.6 |
| 30° | 5832.6 | 5702.7 | 5053.3 | 2996.9 | 1504.8 | 789.0 | 499.0 | 404.3 | 349.6 | 313.5 | 290.0 |
| 32.5° | 6223.2 | 6057.2 | 5385.4 | 3033.0 | 1404.2 | 705.0 | 431.6 | 352.5 | 306.6 | 288.1 | 264.6 |
| 35° | 6641.1 | 6467.3 | 5716.4 | 3013.5 | 1329.0 | 649.4 | 391.6 | 314.4 | 262.7 | 231.4 | 208.0 |
| 37.5° | 7063.9 | 6880.4 | 6045.5 | 2943.1 | 1282.1 | 626.9 | 360.3 | 298.8 | 248.0 | 215.8 | 190.4 |
| 40° | 7565.9 | 7320.8 | 6354.0 | 2885.5 | 1233.3 | 615.2 | 339.8 | 289.0 | 237.3 | 203.1 | 177.7 |
| 42.5° | 7976.0 | 7742.6 | 6646.0 | 2855.3 | 1200.1 | 587.8 | 339.8 | 281.2 | 230.5 | 192.4 | 166.0 |
| 45° | 8364.6 | 8122.5 | 6961.4 | 2879.7 | 1186.4 | 553.7 | 343.7 | 280.3 | 225.6 | 184.6 | 158.2 |
| 47.5° | 8689.8 | 8479.9 | 7285.6 | 2971.5 | 1168.9 | 516.6 | 323.2 | 293.9 | 222.6 | 177.7 | 150.4 |
| 50° | 9073.6 | 8870.5 | 7714.3 | 3157.0 | 1137.6 | 479.5 | 297.8 | 316.4 | 221.7 | 171.9 | 143.5 |
| 52.5° | 9614.5 | 9394.8 | 8306.0 | 3367.9 | 1087.8 | 422.8 | 274.4 | 313.5 | 217.8 | 162.1 | 136.7 |
| 55° | 10275.6 | 10097.9 | 8991.5 | 3620.8 | 1019.5 | 359.3 | 237.3 | 278.3 | 206.0 | 145.5 | 125.0 |
| 57.5° | 10699.4 | 10548.1 | 9505.2 | 3730.2 | 915.0 | 293.9 | 209.0 | 233.4 | 188.5 | 129.9 | 111.3 |
| 59° | 10749.2 | 10612.5 | 9612.6 | 3694.1 | 846.6 | 268.5 | 195.3 | 200.2 | 183.6 | 121.1 | 103.5 |
| 60° | 10707.2 | 10565.6 | 9569.6 | 3623.8 | 783.1 | 251.0 | 183.6 | 177.7 | 184.6 | 116.2 | 97.6 |
| 62.5° | 10437.7 | 10195.6 | 9152.7 | 3267.3 | 684.5 | 230.5 | 163.1 | 145.5 | 163.1 | 104.5 | 86.9 |
| 65° | 9917.3 | 9554.0 | 8327.5 | 2765.4 | 645.5 | 218.7 | 138.7 | 122.1 | 124.0 | 91.8 | 75.2 |
| 67.5° | 9008.1 | 8550.2 | 7229.0 | 2246.9 | 628.9 | 219.7 | 117.2 | 109.4 | 95.7 | 78.1 | 66.4 |
| 70° | 7570.7 | 7113.7 | 5800.4 | 1848.5 | 621.0 | 219.7 | 99.6 | 93.7 | 80.1 | 65.4 | 57.6 |
| 72.5° | 5364.8 | 4872.7 | 3912.8 | 1452.0 | 559.5 | 218.7 | 85.0 | 85.0 | 65.4 | 54.7 | 46.9 |
| 75° | 3031.0 | 3034.9 | 2459.8 | 1027.3 | 464.8 | 180.7 | 68.4 | 67.4 | 47.8 | 42.0 | 35.2 |
| 77.5° | 1766.5 | 1735.2 | 1658.1 | 441.4 | 215.8 | 82.0 | 47.8 | 41.0 | 33.2 | 30.3 | 25.4 |
| 80° | 908.1 | 747.0 | 727.5 | 160.1 | 77.1 | 51.8 | 33.2 | 23.4 | 21.5 | 19.5 | 17.6 |
| 82.5° | 268.5 | 269.5 | 240.2 | 64.4 | 43.0 | 34.2 | 16.6 | 12.7 | 11.7 | 10.7 | 10.7 |
| 85° | 18.6 | 11.7 | 13.7 | 19.5 | 26.4 | 13.7 | 1.0 | 2.9 | 2.9 | 3.9 | 4.9 |
| 87.5° | 2.0 | 1.0 | 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 |



REPORT NUMBER: P453394

CATALOG NUMBER: GLAN-SA4B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 |
| 2.5° | 3514.4 | 3557.4 | 3477.3 | 3479.2 | 3412.8 | 3434.3 | 3356.2 | 3381.6 | 3335.7 | 3370.8 | 3474.4 |
| 5° | 2644.3 | 2654.1 | 2589.7 | 2569.2 | 2578.9 | 2619.0 | 2634.6 | 2563.3 | 2593.6 | 2534.0 | 2530.1 |
| 7.5° | 1863.1 | 1874.9 | 1837.8 | 1832.9 | 1903.2 | 1886.6 | 1916.9 | 1843.6 | 1774.3 | 1804.6 | 1748.9 |
| 10° | 1447.2 | 1398.3 | 1322.2 | 1300.7 | 1287.0 | 1295.8 | 1295.8 | 1229.4 | 1219.6 | 1193.3 | 1233.3 |
| 12.5° | 1142.5 | 1082.9 | 1010.7 | 913.0 | 888.6 | 886.7 | 850.5 | 791.9 | 773.4 | 750.9 | 784.1 |
| 15° | 830.0 | 805.6 | 745.1 | 690.4 | 634.7 | 624.0 | 565.4 | 517.5 | 454.1 | 445.3 | 442.4 |
| 17.5° | 583.9 | 547.8 | 546.8 | 515.6 | 483.4 | 461.9 | 407.2 | 352.5 | 328.1 | 325.2 | 325.2 |
| 20° | 437.5 | 424.8 | 404.3 | 400.4 | 390.6 | 366.2 | 317.4 | 288.1 | 276.3 | 277.3 | 281.2 |
| 22.5° | 368.1 | 359.3 | 340.8 | 332.0 | 328.1 | 306.6 | 270.5 | 251.0 | 245.1 | 245.1 | 246.1 |
| 25° | 329.1 | 321.3 | 300.8 | 287.1 | 282.2 | 266.6 | 238.3 | 223.6 | 218.7 | 218.7 | 218.7 |
| 27.5° | 299.8 | 290.0 | 268.5 | 256.8 | 248.0 | 230.5 | 212.9 | 198.2 | 193.3 | 193.3 | 194.3 |
| 30° | 279.3 | 268.5 | 249.0 | 233.4 | 219.7 | 204.1 | 189.4 | 176.7 | 170.9 | 169.9 | 170.9 |
| 32.5° | 251.9 | 242.2 | 222.6 | 212.9 | 197.3 | 178.7 | 167.0 | 155.3 | 149.4 | 150.4 | 149.4 |
| 35° | 196.3 | 193.3 | 179.7 | 182.6 | 173.8 | 158.2 | 147.5 | 134.8 | 127.9 | 126.9 | 128.9 |
| 37.5° | 178.7 | 167.0 | 151.4 | 152.3 | 149.4 | 143.5 | 126.0 | 112.3 | 107.4 | 107.4 | 108.4 |
| 40° | 165.0 | 153.3 | 135.7 | 126.9 | 127.9 | 127.9 | 109.4 | 94.7 | 89.8 | 88.9 | 90.8 |
| 42.5° | 153.3 | 141.6 | 122.1 | 107.4 | 103.5 | 108.4 | 92.8 | 78.1 | 73.2 | 71.3 | 73.2 |
| 45° | 145.5 | 132.8 | 110.3 | 93.7 | 82.0 | 87.9 | 76.2 | 64.4 | 58.6 | 58.6 | 57.6 |
| 47.5° | 137.7 | 126.0 | 101.6 | 81.0 | 68.4 | 65.4 | 62.5 | 51.8 | 45.9 | 44.9 | 45.9 |
| 50° | 130.8 | 119.1 | 91.8 | 70.3 | 57.6 | 50.8 | 50.8 | 41.0 | 37.1 | 35.2 | 36.1 |
| 52.5° | 124.0 | 111.3 | 83.0 | 62.5 | 49.8 | 41.0 | 36.1 | 33.2 | 30.3 | 29.3 | 30.3 |
| 55° | 114.2 | 101.6 | 74.2 | 53.7 | 43.0 | 34.2 | 28.3 | 27.3 | 25.4 | 23.4 | 25.4 |
| 57.5° | 102.5 | 90.8 | 65.4 | 45.9 | 34.2 | 26.4 | 23.4 | 22.5 | 20.5 | 19.5 | 19.5 |
| 59° | 95.7 | 85.0 | 60.5 | 40.0 | 30.3 | 23.4 | 21.5 | 20.5 | 18.6 | 16.6 | 17.6 |
| 60° | 91.8 | 83.0 | 57.6 | 37.1 | 27.3 | 21.5 | 19.5 | 18.6 | 16.6 | 15.6 | 16.6 |
| 62.5° | 81.0 | 74.2 | 50.8 | 30.3 | 21.5 | 15.6 | 13.7 | 14.6 | 13.7 | 12.7 | 13.7 |
| 65° | 71.3 | 65.4 | 43.0 | 23.4 | 16.6 | 10.7 | 9.8 | 12.7 | 11.7 | 10.7 | 11.7 |
| 67.5° | 63.5 | 56.6 | 36.1 | 17.6 | 11.7 | 5.9 | 6.8 | 10.7 | 10.7 | 9.8 | 10.7 |
| 70° | 54.7 | 48.8 | 29.3 | 12.7 | 5.9 | 2.9 | 4.9 | 7.8 | 9.8 | 8.8 | 9.8 |
| 72.5° | 44.9 | 38.1 | 22.5 | 8.8 | 2.9 | 0.0 | 2.9 | 6.8 | 9.8 | 8.8 | 9.8 |
| 75° | 35.2 | 28.3 | 16.6 | 4.9 | 0.0 | 0.0 | 1.0 | 5.9 | 9.8 | 8.8 | 9.8 |
| 77.5° | 25.4 | 20.5 | 9.8 | 1.0 | 0.0 | 0.0 | 1.0 | 5.9 | 9.8 | 8.8 | 9.8 |
| 80° | 16.6 | 14.6 | 3.9 | 0.0 | 0.0 | 0.0 | 1.0 | 5.9 | 9.8 | 9.8 | 10.7 |
| 82.5° | 10.7 | 7.8 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 7.8 | 10.7 | 11.7 | 11.7 |
| 85° | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 9.8 | 12.7 | 12.7 | 12.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 6.8 | 11.7 | 14.6 | 14.6 | 14.6 |
| 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: P453394

CATALOG NUMBER: GLAN-SA4B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0° | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 |
| 2.5° | 3491.9 | 3553.5 | 3640.4 | 3774.1 | 3882.5 | 4053.4 | 4184.3 | 4363.0 | 4543.6 | 4598.3 | 4683.3 |
| 5° | 2570.1 | 2649.2 | 2846.5 | 3026.1 | 3139.4 | 3500.7 | 3729.2 | 4089.5 | 4412.8 | 4568.0 | 4737.0 |
| 7.5° | 1785.0 | 1878.8 | 2029.2 | 2280.1 | 2518.4 | 2812.3 | 3181.4 | 3593.5 | 4067.1 | 4288.8 | 4527.0 |
| 10° | 1252.8 | 1370.0 | 1581.9 | 1788.0 | 2087.7 | 2367.0 | 2731.2 | 3186.3 | 3708.7 | 3970.4 | 4269.2 |
| 12.5° | 791.0 | 895.4 | 1175.7 | 1407.1 | 1781.1 | 2105.3 | 2441.2 | 2853.3 | 3458.7 | 3727.3 | 4040.7 |
| 15° | 452.1 | 540.0 | 670.8 | 967.7 | 1382.7 | 1811.4 | 2230.3 | 2708.8 | 3330.8 | 3661.8 | 4000.7 |
| 17.5° | 336.9 | 360.3 | 418.9 | 586.9 | 964.8 | 1465.7 | 2036.0 | 2664.8 | 3417.7 | 3806.4 | 4193.1 |
| 20° | 283.2 | 298.8 | 326.1 | 392.5 | 615.2 | 1128.8 | 1846.5 | 2672.7 | 3699.0 | 4187.2 | 4554.4 |
| 22.5° | 253.9 | 263.7 | 286.1 | 329.1 | 419.9 | 822.2 | 1624.9 | 2718.6 | 4039.7 | 4654.9 | 5078.7 |
| 25° | 222.6 | 235.3 | 254.9 | 292.0 | 349.6 | 570.3 | 1406.1 | 2821.1 | 4517.3 | 5248.6 | 5647.1 |
| 27.5° | 198.2 | 209.9 | 229.5 | 263.7 | 306.6 | 435.5 | 1151.3 | 2909.0 | 5021.1 | 5846.3 | 6172.4 |
| 30° | 173.8 | 185.5 | 205.1 | 232.4 | 271.5 | 352.5 | 876.9 | 2960.7 | 5510.3 | 6294.5 | 6545.4 |
| 32.5° | 153.3 | 163.1 | 181.6 | 206.0 | 238.3 | 298.8 | 691.4 | 2907.0 | 5884.3 | 6701.7 | 6869.6 |
| 35° | 132.8 | 144.5 | 160.1 | 182.6 | 210.9 | 254.9 | 575.2 | 2721.5 | 6205.6 | 7120.6 | 7181.1 |
| 37.5° | 111.3 | 125.0 | 141.6 | 162.1 | 184.6 | 234.4 | 461.9 | 2516.4 | 6549.3 | 7643.0 | 7543.4 |
| 40° | 93.7 | 106.4 | 122.1 | 144.5 | 165.0 | 214.8 | 355.4 | 2297.7 | 6920.4 | 8133.2 | 7938.9 |
| 42.5° | 76.2 | 89.8 | 108.4 | 128.9 | 163.1 | 187.5 | 275.4 | 2071.1 | 7253.4 | 8559.9 | 8296.3 |
| 45° | 60.5 | 72.3 | 91.8 | 118.2 | 162.1 | 161.1 | 212.9 | 1847.5 | 7504.3 | 8864.6 | 8562.9 |
| 47.5° | 47.8 | 57.6 | 77.1 | 115.2 | 149.4 | 136.7 | 170.9 | 1708.9 | 7768.0 | 9139.0 | 8766.9 |
| 50° | 38.1 | 47.8 | 66.4 | 120.1 | 130.8 | 117.2 | 143.5 | 1731.3 | 8022.9 | 9278.6 | 8850.9 |
| 52.5° | 32.2 | 42.0 | 57.6 | 94.7 | 100.6 | 102.5 | 126.0 | 1834.8 | 8351.9 | 9428.0 | 9017.9 |
| 55° | 28.3 | 37.1 | 48.8 | 66.4 | 78.1 | 91.8 | 115.2 | 1910.0 | 8792.3 | 9748.3 | 9386.0 |
| 57.5° | 22.5 | 32.2 | 43.9 | 56.6 | 64.4 | 80.1 | 106.4 | 1915.9 | 9190.7 | 10159.4 | 9875.3 |
| 59° | 20.5 | 29.3 | 41.0 | 53.7 | 57.6 | 72.3 | 100.6 | 1866.1 | 9205.4 | 10220.9 | 10099.9 |
| 60° | 18.6 | 28.3 | 39.1 | 49.8 | 54.7 | 68.4 | 95.7 | 1808.5 | 9072.6 | 10123.3 | 10192.6 |
| 62.5° | 15.6 | 24.4 | 34.2 | 40.0 | 46.9 | 56.6 | 83.0 | 1599.5 | 8429.1 | 9680.9 | 10020.8 |
| 65° | 13.7 | 21.5 | 29.3 | 33.2 | 39.1 | 48.8 | 73.2 | 1280.2 | 7718.2 | 9081.4 | 9528.6 |
| 67.5° | 12.7 | 19.5 | 25.4 | 28.3 | 34.2 | 44.9 | 65.4 | 904.2 | 6797.4 | 8320.7 | 8789.4 |
| 70° | 11.7 | 18.6 | 22.5 | 26.4 | 30.3 | 38.1 | 55.7 | 527.3 | 5235.9 | 6986.8 | 7481.9 |
| 72.5° | 11.7 | 17.6 | 19.5 | 22.5 | 26.4 | 34.2 | 51.8 | 285.1 | 3579.8 | 5329.7 | 5969.3 |
| 75° | 11.7 | 16.6 | 17.6 | 19.5 | 23.4 | 31.2 | 45.9 | 149.4 | 2314.3 | 3702.9 | 4570.0 |
| 77.5° | 11.7 | 15.6 | 17.6 | 18.6 | 22.5 | 27.3 | 40.0 | 93.7 | 1541.9 | 2593.6 | 3088.6 |
| 80° | 12.7 | 15.6 | 16.6 | 18.6 | 21.5 | 25.4 | 33.2 | 62.5 | 906.2 | 1560.4 | 1879.7 |
| 82.5° | 13.7 | 15.6 | 17.6 | 19.5 | 22.5 | 24.4 | 29.3 | 39.1 | 417.9 | 1032.2 | 1167.9 |
| 85° | 14.6 | 16.6 | 18.6 | 20.5 | 23.4 | 24.4 | 27.3 | 28.3 | 68.4 | 465.8 | 629.8 |
| 87.5° | 15.6 | 17.6 | 19.5 | 21.5 | 25.4 | 25.4 | 25.4 | 25.4 | 23.4 | 49.8 | 126.9 |
| 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: P453394

CATALOG NUMBER: GLAN-SA4B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 | 4245.8 |
| 2.5° | 4790.7 | 4901.0 | 4978.2 | 4997.7 | 4942.0 | 4916.6 | 4846.3 | 4737.0 | 4670.6 | 4667.6 |
| 5° | 5048.5 | 5307.2 | 5486.9 | 5517.2 | 5409.8 | 5228.1 | 5012.3 | 4734.0 | 4571.0 | 4522.1 |
| 7.5° | 5004.5 | 5457.6 | 5746.7 | 5788.6 | 5608.0 | 5261.3 | 4843.4 | 4395.2 | 4217.5 | 4142.3 |
| 10° | 4823.9 | 5376.6 | 5789.6 | 5856.0 | 5614.8 | 5126.6 | 4595.4 | 4095.4 | 3874.7 | 3817.1 |
| 12.5° | 4669.6 | 5228.1 | 5595.3 | 5687.1 | 5504.5 | 5017.2 | 4446.9 | 3903.0 | 3666.7 | 3613.0 |
| 15° | 4602.2 | 5052.4 | 5277.0 | 5323.8 | 5293.6 | 4948.9 | 4431.3 | 3873.7 | 3603.3 | 3544.7 |
| 17.5° | 4669.6 | 4903.0 | 4931.3 | 4979.1 | 5046.5 | 4942.0 | 4581.7 | 4032.9 | 3740.9 | 3668.7 |
| 20° | 4846.3 | 4773.1 | 4655.9 | 4676.4 | 4830.7 | 4970.3 | 4849.3 | 4385.4 | 4030.0 | 3952.8 |
| 22.5° | 5147.1 | 4740.9 | 4475.3 | 4457.7 | 4653.0 | 5065.1 | 5241.8 | 4862.9 | 4450.8 | 4374.7 |
| 25° | 5516.2 | 4821.9 | 4408.9 | 4370.8 | 4583.7 | 5203.7 | 5668.5 | 5447.8 | 4997.7 | 4881.5 |
| 27.5° | 5918.5 | 4989.9 | 4408.9 | 4371.8 | 4577.8 | 5326.8 | 6033.7 | 5965.4 | 5564.1 | 5437.1 |
| 30° | 6139.2 | 5128.5 | 4472.3 | 4430.3 | 4650.1 | 5398.0 | 6229.0 | 6425.3 | 5989.8 | 5832.6 |
| 32.5° | 6336.5 | 5320.9 | 4596.3 | 4517.3 | 4801.4 | 5503.5 | 6403.8 | 6815.9 | 6328.6 | 6223.2 |
| 35° | 6518.1 | 5526.9 | 4767.2 | 4675.4 | 5000.6 | 5648.0 | 6597.2 | 7226.0 | 6800.3 | 6641.1 |
| 37.5° | 6718.3 | 5766.2 | 5033.8 | 4955.7 | 5333.6 | 5929.3 | 6826.7 | 7765.1 | 7264.1 | 7063.9 |
| 40° | 6936.0 | 6043.5 | 5472.3 | 5439.1 | 5862.9 | 6247.6 | 7116.7 | 8340.2 | 7793.4 | 7565.9 |
| 42.5° | 7157.7 | 6362.8 | 6009.3 | 6064.0 | 6462.4 | 6693.9 | 7414.5 | 8782.6 | 8226.9 | 7976.0 |
| 45° | 7358.8 | 6771.0 | 6707.5 | 6978.0 | 7161.6 | 7129.4 | 7635.2 | 9094.1 | 8604.8 | 8364.6 |
| 47.5° | 7612.7 | 7365.7 | 7552.2 | 7969.2 | 7974.0 | 7603.0 | 7802.2 | 9348.9 | 8930.0 | 8689.8 |
| 50° | 7896.9 | 8067.8 | 8642.9 | 9067.7 | 8953.5 | 8068.8 | 7997.5 | 9650.7 | 9265.9 | 9073.6 |
| 52.5° | 8226.0 | 8853.9 | 9650.7 | 10122.3 | 9855.7 | 8576.5 | 8322.6 | 9976.8 | 9799.1 | 9614.5 |
| 55° | 8608.8 | 9389.9 | 10655.5 | 11031.4 | 10762.9 | 9207.3 | 8816.7 | 10419.2 | 10401.6 | 10275.6 |
| 57.5° | 9041.3 | 9956.3 | 11237.5 | 11746.2 | 11507.0 | 9947.5 | 9507.1 | 10836.1 | 10769.7 | 10699.4 |
| 59° | 9383.1 | 10247.3 | 11494.3 | 12021.6 | 11877.1 | 10466.0 | 9971.0 | 11095.9 | 10854.7 | 10749.2 |
| 60° | 9590.1 | 10444.6 | 11589.0 | 12058.7 | 12025.5 | 10774.6 | 10264.9 | 11222.8 | 10853.7 | 10707.2 |
| 62.5° | 10204.3 | 10789.3 | 11552.9 | 11893.7 | 12023.5 | 11366.4 | 11127.1 | 11362.5 | 10652.5 | 10437.7 |
| 65° | 10423.1 | 10675.0 | 10954.3 | 10912.3 | 11023.6 | 11336.1 | 11677.9 | 11209.2 | 10222.9 | 9917.3 |
| 67.5° | 9997.3 | 9422.2 | 9520.8 | 9240.5 | 9185.9 | 10078.4 | 11454.2 | 10459.2 | 9382.1 | 9008.1 |
| 70° | 8427.1 | 7218.2 | 7168.4 | 7297.3 | 6943.8 | 8159.6 | 10285.4 | 9015.0 | 7994.5 | 7570.7 |
| 72.5° | 6633.3 | 5101.2 | 4681.3 | 5155.9 | 5145.1 | 6225.1 | 8544.3 | 6397.0 | 5401.0 | 5364.8 |
| 75° | 5216.4 | 3551.5 | 3117.0 | 3194.1 | 3342.5 | 4506.5 | 6805.2 | 4062.2 | 3325.9 | 3031.0 |
| 77.5° | 3501.7 | 2516.4 | 2347.5 | 2252.8 | 2412.9 | 2893.3 | 4305.4 | 2203.0 | 1865.1 | 1766.5 |
| 80° | 2018.4 | 1828.0 | 2076.0 | 1884.6 | 1970.6 | 1823.1 | 2141.4 | 1010.7 | 838.8 | 908.1 |
| 82.5° | 1313.4 | 1040.9 | 1109.3 | 824.2 | 1126.9 | 1136.6 | 687.5 | 298.8 | 252.9 | 268.5 |
| 85° | 821.2 | 488.2 | 274.4 | 195.3 | 388.6 | 714.8 | 214.8 | 18.6 | 21.5 | 18.6 |
| 87.5° | 212.9 | 81.0 | 34.2 | 50.8 | 62.5 | 55.7 | 49.8 | 2.9 | 1.0 | 2.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)