

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: P653771

Luminaire Tested: **GLAN-SA3A-840-U-SLL-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P653771
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-840-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 80 CRI, 4000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8245.2 lumens
Efficiency: N/A
Efficacy: 88.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

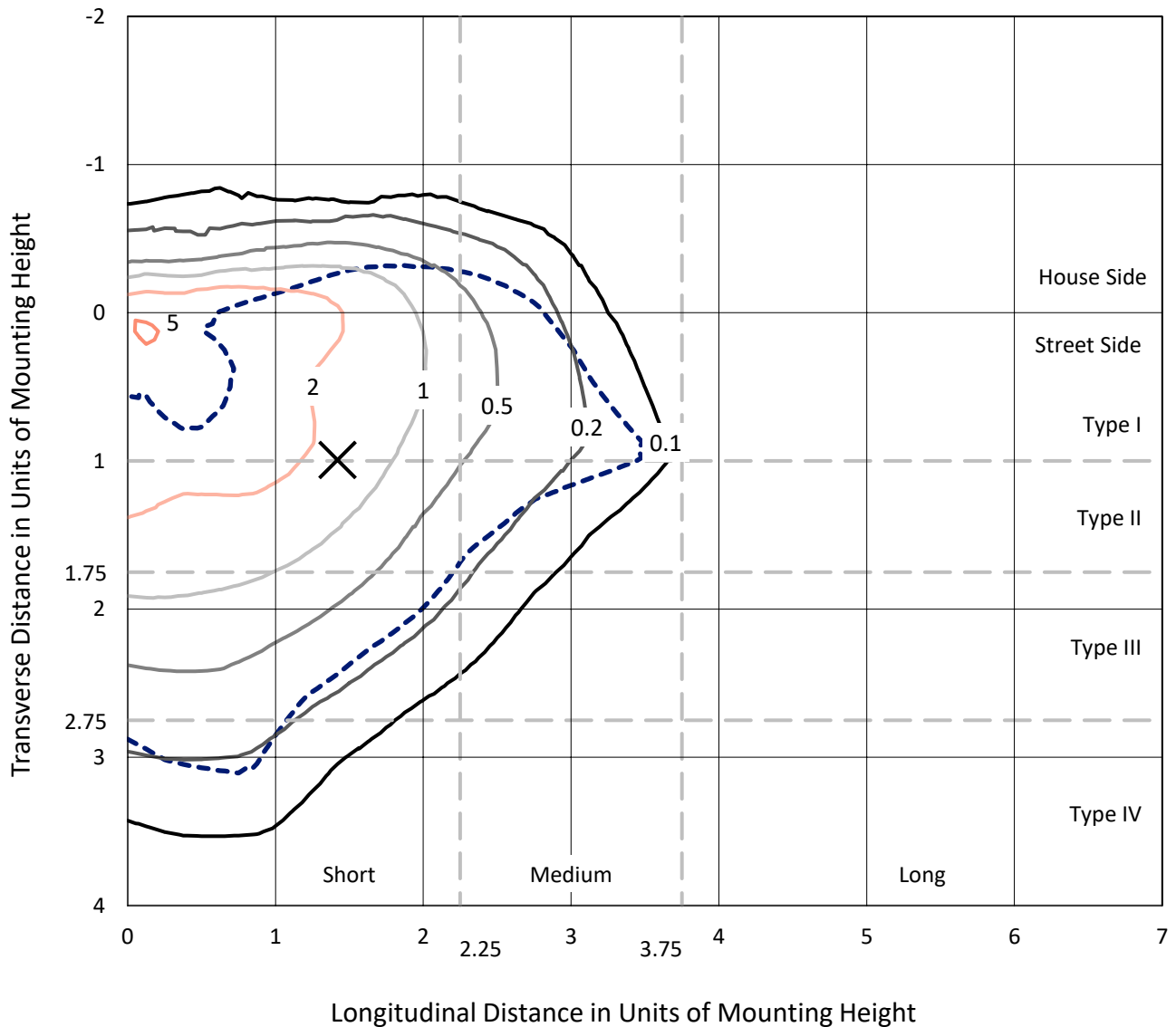
Input Watts (W): 93
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P653771
 CATALOG NUMBER: GLAN-SA3A-840-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

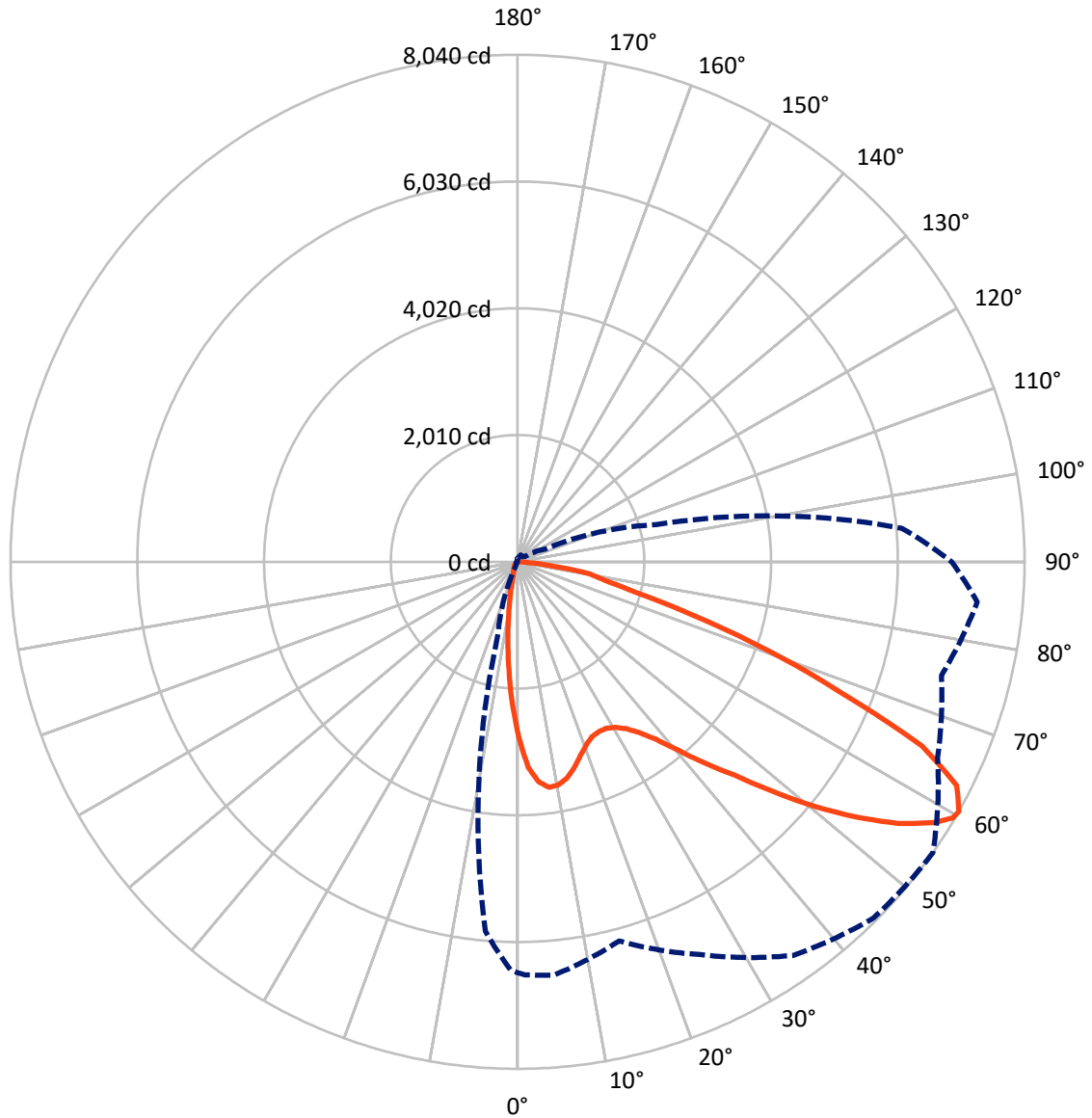
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.8 fc
 Type III - Short - N/A

REPORT NUMBER: P653771
CATALOG NUMBER: GLAN-SA3A-840-U-SLL-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P653771
 CATALOG NUMBER: GLAN-SA3A-840-U-SLL-HSS

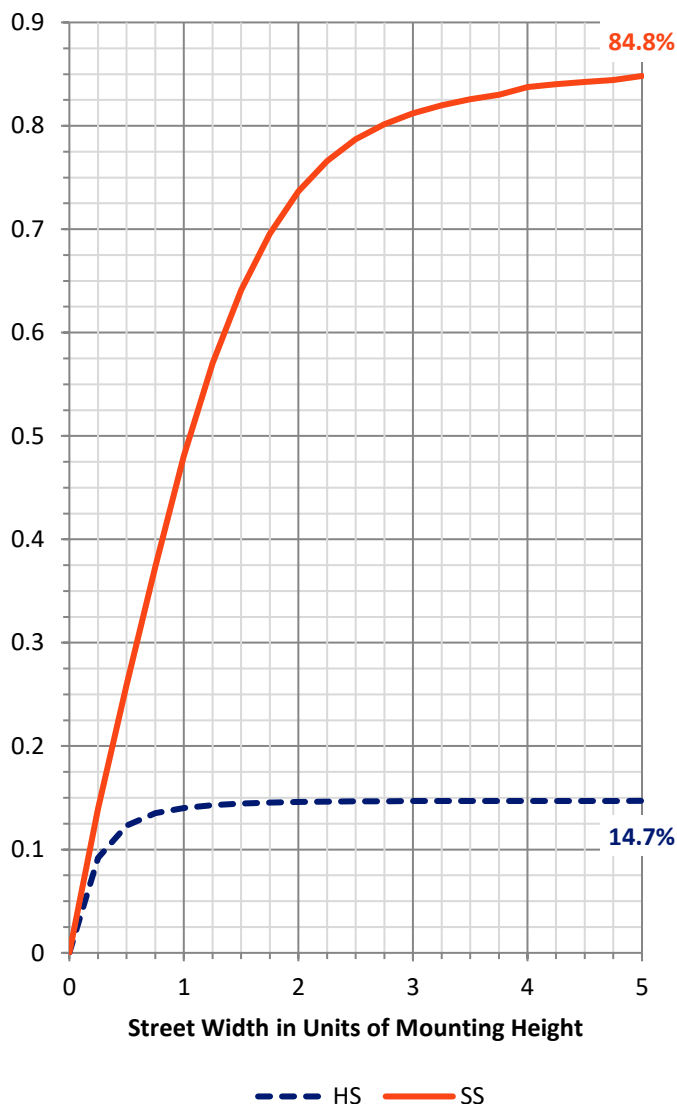
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1223.7 | 0.0 | 1223.7 |
| | % Fixture | 14.8 | 0.0 | 14.8 |
| Street Side | Lumens | 7021.5 | 0.0 | 7021.5 |
| | % Fixture | 85.2 | 0.0 | 85.2 |
| Total | Lumens | 8245.2 | 0.0 | 8245.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 206.7 | 2.5 |
| 10°-20° | 407.1 | 4.9 |
| 20°-30° | 602.6 | 7.3 |
| 30°-40° | 898.2 | 10.9 |
| 40°-50° | 1315.5 | 16.0 |
| 50°-60° | 1899.1 | 23.0 |
| 60°-70° | 1997.8 | 24.2 |
| 70°-80° | 821.8 | 10.0 |
| 80°-90° | 96.3 | 1.2 |
| 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° | 8245.2 | 100.0 |
| 0°-180° | 8245.2 | 100.0 |

Coefficient of Utilization



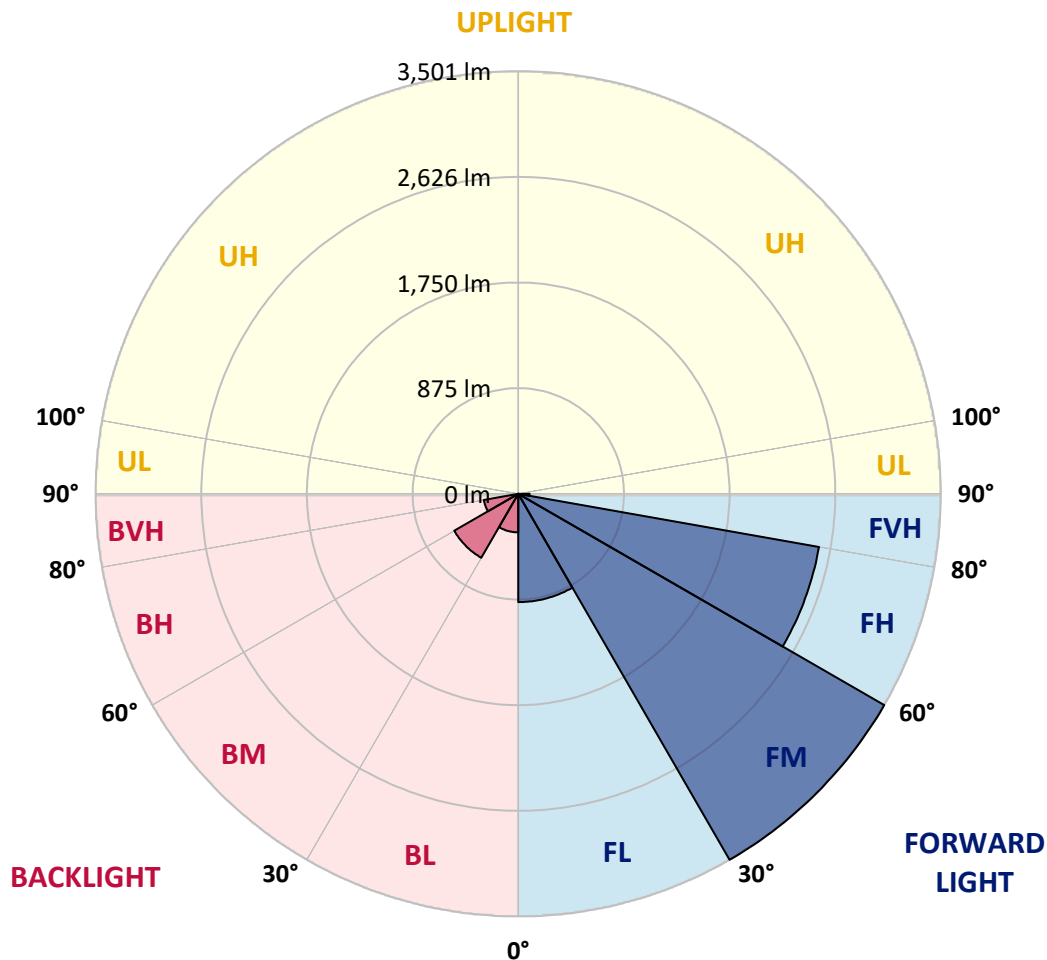
REPORT NUMBER: P653771
 CATALOG NUMBER: GLAN-SA3A-840-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 897.2 | 10.9 | | | |
| FM (30°-60°) | 3500.9 | 42.5 | | | |
| FH (60°-80°) | 2530.0 | 30.7 | | | G2/5000 |
| FVH (80°-90°) | 93.4 | 1.1 | | | G1/100 |
| BL (0°-30°) | 319.3 | 3.9 | B1/500 | | |
| BM (30°-60°) | 611.9 | 7.4 | B1/1000 | | |
| BH (60°-80°) | 289.6 | 3.5 | B1/500 | | G1/500 |
| BVH (80°-90°) | 2.8 | 0.0 | | | 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 III Short





REPORT NUMBER: P653771

CATALOG NUMBER: GLAN-SA3A-840-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 |
| 2.5° | 3050.1 | 3045.0 | 3090.1 | 3163.7 | 3237.9 | 3276.6 | 3269.1 | 3265.9 | 3204.3 | 3159.2 | 3064.7 |
| 5° | 3043.7 | 3069.7 | 3150.4 | 3349.6 | 3500.7 | 3573.7 | 3595.3 | 3504.5 | 3384.5 | 3210.7 | 2996.1 |
| 7.5° | 2861.6 | 2894.0 | 3025.3 | 3336.9 | 3605.4 | 3764.1 | 3758.3 | 3613.0 | 3365.5 | 3096.4 | 2790.5 |
| 10° | 2635.7 | 2673.7 | 2827.9 | 3206.2 | 3554.7 | 3764.1 | 3775.5 | 3591.4 | 3283.6 | 2938.4 | 2616.6 |
| 12.5° | 2476.4 | 2521.4 | 2692.1 | 3084.4 | 3423.9 | 3630.2 | 3643.5 | 3510.2 | 3222.0 | 2877.5 | 2522.1 |
| 15° | 2422.4 | 2465.0 | 2638.2 | 3022.8 | 3284.9 | 3396.0 | 3392.8 | 3378.8 | 3198.0 | 2892.0 | 2527.1 |
| 17.5° | 2515.1 | 2550.0 | 2745.4 | 3050.7 | 3154.8 | 3143.4 | 3159.9 | 3227.2 | 3203.0 | 3014.6 | 2687.1 |
| 20° | 2754.4 | 2789.8 | 2999.9 | 3136.4 | 3055.2 | 2982.9 | 2990.4 | 3102.8 | 3250.0 | 3244.9 | 2937.1 |
| 22.5° | 3083.7 | 3144.0 | 3334.4 | 3302.7 | 3041.8 | 2883.2 | 2867.3 | 3013.3 | 3329.9 | 3510.2 | 3274.8 |
| 25° | 3500.7 | 3561.6 | 3710.2 | 3567.9 | 3107.2 | 2859.7 | 2845.1 | 2986.0 | 3427.1 | 3769.1 | 3654.9 |
| 27.5° | 3851.0 | 3897.4 | 4045.2 | 3826.3 | 3203.7 | 2869.8 | 2845.8 | 2989.8 | 3505.8 | 3989.4 | 3975.4 |
| 30° | 4131.5 | 4165.8 | 4252.8 | 3946.8 | 3286.8 | 2914.3 | 2886.3 | 3045.7 | 3540.7 | 4096.6 | 4234.9 |
| 32.5° | 4357.5 | 4415.2 | 4442.5 | 4075.7 | 3406.1 | 2998.1 | 2950.5 | 3152.9 | 3625.7 | 4229.2 | 4507.3 |
| 35° | 4615.7 | 4682.4 | 4647.5 | 4198.8 | 3563.5 | 3128.8 | 3070.4 | 3326.8 | 3754.6 | 4351.8 | 4823.3 |
| 37.5° | 4943.2 | 5020.0 | 4883.6 | 4328.3 | 3729.8 | 3325.5 | 3298.2 | 3571.1 | 3950.0 | 4526.9 | 5162.1 |
| 40° | 5282.2 | 5326.6 | 5112.7 | 4485.6 | 3934.1 | 3611.8 | 3637.7 | 3934.1 | 4205.8 | 4736.9 | 5522.7 |
| 42.5° | 5546.7 | 5588.7 | 5348.1 | 4617.7 | 4142.9 | 3951.3 | 4059.8 | 4372.0 | 4499.0 | 4952.1 | 5791.7 |
| 45° | 5749.2 | 5784.7 | 5511.2 | 4761.7 | 4424.8 | 4443.1 | 4648.1 | 4823.3 | 4792.8 | 5083.5 | 5999.3 |
| 47.5° | 5906.6 | 5937.0 | 5636.9 | 4916.6 | 4846.8 | 5044.7 | 5358.3 | 5432.5 | 5097.5 | 5225.6 | 6187.2 |
| 50° | 5971.4 | 5980.3 | 5676.2 | 5114.0 | 5325.9 | 5811.4 | 6138.3 | 6093.2 | 5446.5 | 5383.7 | 6387.1 |
| 52.5° | 6055.8 | 6053.9 | 5788.6 | 5301.8 | 5776.5 | 6496.8 | 6823.0 | 6720.9 | 5841.2 | 5620.4 | 6611.7 |
| 55° | 6277.2 | 6279.7 | 6029.1 | 5568.3 | 6160.5 | 7050.3 | 7399.3 | 7325.0 | 6257.5 | 6020.2 | 6873.8 |
| 57.5° | 6546.3 | 6555.8 | 6371.2 | 5879.9 | 6527.3 | 7451.3 | 7829.5 | 7801.0 | 6820.5 | 6465.1 | 7121.3 |
| 59° | 6581.2 | 6600.3 | 6533.0 | 6099.5 | 6745.0 | 7574.5 | 7976.8 | 8004.7 | 7121.9 | 6758.3 | 7255.2 |
| 60° | 6517.8 | 6549.5 | 6580.0 | 6223.9 | 6872.6 | 7618.9 | 7985.7 | 8040.3 | 7348.5 | 6957.6 | 7316.1 |
| 62.5° | 6241.1 | 6291.2 | 6444.2 | 6606.6 | 7031.9 | 7480.5 | 7702.0 | 7816.3 | 7629.0 | 7481.2 | 7321.8 |
| 65° | 5878.7 | 5904.7 | 6125.6 | 6674.5 | 6722.8 | 6834.5 | 6903.0 | 7049.6 | 7292.1 | 7683.0 | 7059.8 |
| 67.5° | 5284.7 | 5361.5 | 5631.8 | 6280.4 | 5810.8 | 5678.8 | 5661.6 | 5515.7 | 6145.3 | 7201.9 | 6413.7 |
| 70° | 4365.7 | 4399.9 | 4733.1 | 5148.9 | 4385.4 | 4182.3 | 4263.5 | 4209.0 | 4763.6 | 6199.9 | 5162.1 |
| 72.5° | 3301.4 | 3378.8 | 3704.4 | 4104.2 | 2984.1 | 2720.7 | 2944.8 | 2924.4 | 3578.1 | 4982.6 | 3546.4 |
| 75° | 2348.8 | 2399.0 | 2814.0 | 3211.9 | 2089.9 | 1770.6 | 1851.2 | 1926.7 | 2497.9 | 3934.1 | 2095.6 |
| 77.5° | 1613.9 | 1657.0 | 1968.7 | 2124.1 | 1524.4 | 1460.3 | 1335.9 | 1408.9 | 1636.8 | 2334.2 | 1140.5 |
| 80° | 973.5 | 971.6 | 1176.6 | 1214.7 | 1061.8 | 1233.1 | 1034.4 | 1161.4 | 989.4 | 998.9 | 441.7 |
| 82.5° | 632.1 | 625.8 | 719.6 | 784.4 | 590.9 | 621.3 | 417.0 | 601.0 | 644.8 | 278.6 | 139.6 |
| 85° | 283.1 | 295.1 | 345.9 | 456.3 | 258.9 | 137.8 | 85.0 | 184.7 | 274.8 | 140.3 | 0.0 |
| 87.5° | 29.2 | 22.9 | 60.9 | 111.1 | 35.6 | 3.8 | 12.7 | 6.3 | 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: P653771

CATALOG NUMBER: GLAN-SA3A-840-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 |
| 2.5° | 3020.9 | 2984.1 | 2874.3 | 2771.5 | 2683.3 | 2575.4 | 2505.6 | 2395.8 | 2329.1 | 2308.8 | 2312.0 |
| 5° | 2899.7 | 2793.7 | 2584.9 | 2418.0 | 2232.0 | 2126.0 | 1964.8 | 1810.0 | 1726.2 | 1695.1 | 1681.2 |
| 7.5° | 2645.8 | 2532.3 | 2280.3 | 2018.1 | 1818.9 | 1633.0 | 1513.0 | 1376.5 | 1283.3 | 1206.4 | 1193.1 |
| 10° | 2457.3 | 2308.2 | 1995.9 | 1714.1 | 1556.8 | 1417.2 | 1297.2 | 1160.7 | 1051.0 | 963.4 | 939.2 |
| 12.5° | 2344.4 | 2177.4 | 1829.0 | 1592.9 | 1443.8 | 1300.4 | 1144.3 | 986.2 | 873.9 | 779.4 | 735.5 |
| 15° | 2324.0 | 2130.5 | 1782.1 | 1506.0 | 1322.0 | 1148.7 | 941.2 | 770.4 | 655.0 | 565.5 | 538.2 |
| 17.5° | 2446.6 | 2214.9 | 1775.1 | 1415.2 | 1162.7 | 917.0 | 701.3 | 559.8 | 429.7 | 379.5 | 359.9 |
| 20° | 2664.9 | 2364.1 | 1774.4 | 1309.9 | 998.9 | 706.4 | 492.5 | 364.9 | 312.3 | 288.1 | 276.7 |
| 22.5° | 2962.5 | 2567.2 | 1808.1 | 1219.1 | 828.8 | 521.0 | 351.6 | 290.6 | 260.2 | 240.5 | 236.1 |
| 25° | 3326.2 | 2868.0 | 1890.6 | 1157.6 | 698.7 | 408.7 | 290.1 | 248.8 | 223.4 | 214.5 | 210.7 |
| 27.5° | 3649.2 | 3156.1 | 1981.3 | 1094.1 | 605.4 | 361.7 | 269.1 | 227.8 | 207.6 | 200.6 | 194.9 |
| 30° | 3927.8 | 3417.6 | 2025.1 | 1010.4 | 530.6 | 331.3 | 272.9 | 243.7 | 217.1 | 196.1 | 186.6 |
| 32.5° | 4160.1 | 3618.1 | 2053.7 | 934.2 | 467.1 | 271.0 | 215.8 | 188.5 | 176.4 | 168.8 | 162.5 |
| 35° | 4450.7 | 3835.1 | 2036.6 | 891.0 | 434.7 | 246.9 | 196.7 | 162.5 | 142.1 | 126.9 | 120.6 |
| 37.5° | 4755.4 | 4052.2 | 2006.7 | 855.5 | 420.2 | 229.1 | 187.2 | 154.2 | 132.0 | 116.1 | 107.9 |
| 40° | 5070.8 | 4253.4 | 1971.8 | 822.5 | 406.8 | 217.7 | 181.5 | 147.3 | 125.1 | 107.9 | 99.0 |
| 42.5° | 5359.5 | 4449.5 | 1957.8 | 800.9 | 385.3 | 219.6 | 177.0 | 144.1 | 118.1 | 100.2 | 92.7 |
| 45° | 5593.1 | 4635.4 | 1976.9 | 789.5 | 361.7 | 216.4 | 178.4 | 140.3 | 112.4 | 95.2 | 87.5 |
| 47.5° | 5842.5 | 4898.2 | 2038.5 | 778.1 | 338.9 | 201.2 | 187.9 | 139.6 | 109.8 | 92.0 | 83.8 |
| 50° | 6132.6 | 5234.6 | 2179.4 | 750.2 | 311.0 | 184.7 | 199.9 | 139.0 | 106.6 | 88.2 | 80.0 |
| 52.5° | 6519.0 | 5616.6 | 2324.7 | 701.3 | 270.4 | 168.8 | 191.0 | 137.1 | 100.2 | 83.8 | 75.5 |
| 55° | 6866.2 | 6019.0 | 2447.8 | 643.5 | 218.9 | 146.0 | 172.0 | 128.8 | 89.5 | 76.2 | 68.5 |
| 57.5° | 7009.7 | 6246.1 | 2444.0 | 563.6 | 175.2 | 128.2 | 141.5 | 118.1 | 78.0 | 67.3 | 60.9 |
| 59° | 6956.9 | 6217.6 | 2362.1 | 504.5 | 160.0 | 118.7 | 117.4 | 116.8 | 73.0 | 60.9 | 55.8 |
| 60° | 6882.7 | 6113.5 | 2273.9 | 475.3 | 150.4 | 112.4 | 107.9 | 115.5 | 68.5 | 57.1 | 52.1 |
| 62.5° | 6598.4 | 5682.0 | 1981.3 | 425.9 | 137.8 | 95.2 | 86.3 | 97.7 | 60.9 | 49.5 | 45.1 |
| 65° | 6186.5 | 5018.8 | 1677.4 | 411.9 | 133.9 | 78.7 | 71.7 | 69.8 | 52.1 | 41.9 | 38.1 |
| 67.5° | 5383.1 | 4247.0 | 1358.8 | 402.3 | 135.1 | 66.0 | 62.8 | 52.6 | 43.1 | 34.9 | 32.4 |
| 70° | 4309.9 | 3311.5 | 1112.6 | 391.6 | 136.4 | 53.9 | 52.6 | 41.9 | 34.9 | 29.2 | 26.7 |
| 72.5° | 2618.5 | 1963.0 | 875.8 | 340.2 | 132.6 | 43.1 | 46.9 | 31.7 | 25.4 | 20.9 | 19.7 |
| 75° | 1619.0 | 1343.5 | 543.3 | 264.7 | 87.5 | 31.7 | 33.0 | 19.7 | 17.2 | 13.3 | 13.3 |
| 77.5° | 938.0 | 848.5 | 194.2 | 95.2 | 38.7 | 19.0 | 14.6 | 10.2 | 9.5 | 5.7 | 5.7 |
| 80° | 389.0 | 311.6 | 67.3 | 32.4 | 20.9 | 8.9 | 3.2 | 0.7 | 0.0 | 0.0 | 0.0 |
| 82.5° | 113.6 | 100.9 | 18.4 | 14.6 | 6.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 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: P653771
 CATALOG NUMBER: GLAN-SA3A-840-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 |
| 2.5° | 2258.1 | 2237.1 | 2227.6 | 2259.9 | 2230.2 | 2268.2 | 2239.0 | 2251.7 | 2289.1 | 2305.7 | 2348.2 |
| 5° | 1690.1 | 1668.5 | 1658.3 | 1707.1 | 1704.6 | 1728.8 | 1726.2 | 1748.4 | 1767.4 | 1725.0 | 1768.7 |
| 7.5° | 1177.2 | 1162.7 | 1186.8 | 1224.8 | 1265.5 | 1252.2 | 1252.2 | 1222.3 | 1232.5 | 1226.1 | 1224.2 |
| 10° | 895.5 | 845.4 | 832.7 | 831.4 | 846.6 | 849.7 | 832.7 | 791.4 | 806.6 | 811.1 | 837.7 |
| 12.5° | 704.4 | 665.7 | 606.7 | 580.0 | 573.1 | 578.8 | 522.3 | 486.1 | 503.3 | 493.1 | 519.1 |
| 15° | 505.2 | 473.5 | 438.5 | 408.7 | 400.5 | 389.0 | 327.5 | 284.3 | 279.2 | 281.1 | 285.6 |
| 17.5° | 360.5 | 338.9 | 338.9 | 307.1 | 290.1 | 255.7 | 224.6 | 205.6 | 203.7 | 205.6 | 208.8 |
| 20° | 265.9 | 254.5 | 253.2 | 245.0 | 225.9 | 203.1 | 181.5 | 177.7 | 176.4 | 179.6 | 180.9 |
| 22.5° | 229.1 | 217.1 | 206.9 | 206.3 | 188.5 | 169.5 | 159.3 | 154.2 | 154.8 | 156.1 | 159.3 |
| 25° | 205.0 | 192.3 | 181.5 | 175.2 | 162.5 | 149.1 | 139.6 | 137.1 | 137.1 | 139.0 | 139.6 |
| 27.5° | 187.9 | 172.0 | 162.5 | 153.6 | 142.1 | 130.8 | 122.4 | 120.6 | 119.3 | 120.6 | 123.8 |
| 30° | 175.8 | 160.0 | 147.8 | 134.6 | 125.6 | 114.9 | 107.9 | 105.4 | 104.7 | 105.4 | 107.9 |
| 32.5° | 150.4 | 140.9 | 131.4 | 119.3 | 108.5 | 101.5 | 93.9 | 89.5 | 89.5 | 90.7 | 93.3 |
| 35° | 113.6 | 108.5 | 107.9 | 104.7 | 95.8 | 88.2 | 79.3 | 74.8 | 74.8 | 77.5 | 78.7 |
| 37.5° | 100.2 | 90.7 | 89.5 | 88.2 | 84.4 | 74.3 | 66.0 | 62.2 | 61.6 | 63.5 | 66.0 |
| 40° | 91.4 | 80.6 | 74.8 | 73.6 | 74.3 | 62.8 | 53.9 | 50.1 | 50.1 | 50.8 | 53.3 |
| 42.5° | 84.4 | 71.7 | 61.6 | 60.3 | 62.8 | 52.6 | 43.8 | 39.9 | 39.9 | 39.9 | 43.1 |
| 45° | 78.7 | 64.1 | 52.1 | 45.7 | 49.5 | 43.1 | 35.6 | 31.7 | 30.4 | 31.7 | 33.0 |
| 47.5° | 74.8 | 58.4 | 45.7 | 36.8 | 36.8 | 34.2 | 28.6 | 24.1 | 22.9 | 23.5 | 25.4 |
| 50° | 71.7 | 53.3 | 38.7 | 29.9 | 26.7 | 27.2 | 21.6 | 18.4 | 17.2 | 17.2 | 19.0 |
| 52.5° | 66.6 | 48.3 | 33.6 | 25.4 | 20.3 | 18.4 | 15.9 | 13.3 | 12.7 | 13.3 | 14.6 |
| 55° | 60.3 | 43.8 | 29.2 | 20.9 | 15.9 | 12.7 | 11.4 | 9.5 | 8.9 | 9.5 | 11.4 |
| 57.5° | 53.3 | 36.8 | 23.5 | 16.5 | 10.8 | 8.2 | 7.7 | 6.3 | 5.0 | 5.7 | 7.0 |
| 59° | 48.9 | 33.0 | 20.3 | 13.3 | 8.2 | 5.7 | 5.7 | 4.5 | 3.2 | 3.8 | 5.7 |
| 60° | 46.9 | 30.4 | 17.2 | 11.4 | 7.0 | 4.5 | 4.5 | 3.2 | 1.9 | 2.5 | 4.5 |
| 62.5° | 39.9 | 25.4 | 13.3 | 7.0 | 3.2 | 0.7 | 1.9 | 0.7 | 0.0 | 0.7 | 1.9 |
| 65° | 33.6 | 20.3 | 8.9 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 |
| 67.5° | 27.9 | 15.2 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 22.2 | 10.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 15.2 | 5.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 9.5 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 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: P653771
 CATALOG NUMBER: GLAN-SA3A-840-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 | 2791.8 |
| 2.5° | 2350.7 | 2441.5 | 2497.3 | 2602.6 | 2710.5 | 2793.7 | 2897.7 | 2991.1 | 3029.8 | 3050.1 |
| 5° | 1813.2 | 1939.4 | 2046.7 | 2207.3 | 2356.4 | 2538.0 | 2722.0 | 2939.0 | 3022.1 | 3043.7 |
| 7.5° | 1272.4 | 1401.3 | 1513.6 | 1699.6 | 1912.2 | 2155.2 | 2430.7 | 2706.1 | 2827.4 | 2861.6 |
| 10° | 919.0 | 1056.7 | 1193.8 | 1379.7 | 1578.4 | 1841.7 | 2128.6 | 2469.4 | 2609.0 | 2635.7 |
| 12.5° | 580.0 | 728.0 | 950.7 | 1180.4 | 1390.5 | 1602.4 | 1902.7 | 2273.3 | 2427.5 | 2476.4 |
| 15° | 336.4 | 446.8 | 614.9 | 914.5 | 1181.7 | 1462.2 | 1789.7 | 2199.6 | 2372.3 | 2422.4 |
| 17.5° | 225.3 | 263.4 | 378.9 | 608.0 | 960.8 | 1332.7 | 1761.1 | 2259.9 | 2451.0 | 2515.1 |
| 20° | 189.7 | 206.9 | 247.5 | 370.6 | 740.0 | 1217.3 | 1768.7 | 2423.7 | 2674.4 | 2754.4 |
| 22.5° | 166.9 | 182.7 | 208.8 | 266.5 | 516.6 | 1073.8 | 1805.0 | 2657.9 | 2981.5 | 3083.7 |
| 25° | 147.3 | 163.1 | 185.9 | 220.8 | 347.2 | 908.2 | 1884.3 | 3000.6 | 3388.4 | 3500.7 |
| 27.5° | 130.8 | 145.3 | 165.0 | 194.9 | 267.2 | 723.5 | 1954.7 | 3334.4 | 3759.6 | 3851.0 |
| 30° | 115.5 | 127.6 | 146.6 | 169.5 | 222.1 | 557.8 | 1990.2 | 3626.3 | 4030.0 | 4131.5 |
| 32.5° | 100.2 | 111.7 | 130.1 | 148.5 | 182.7 | 425.2 | 1965.5 | 3840.8 | 4292.7 | 4357.5 |
| 35° | 85.7 | 97.7 | 112.9 | 130.1 | 158.0 | 343.4 | 1841.7 | 4082.0 | 4564.9 | 4615.7 |
| 37.5° | 73.6 | 83.8 | 99.7 | 112.9 | 142.8 | 274.8 | 1691.9 | 4299.0 | 4870.2 | 4943.2 |
| 40° | 62.2 | 72.3 | 88.2 | 100.2 | 131.4 | 216.4 | 1556.8 | 4540.2 | 5192.0 | 5282.2 |
| 42.5° | 50.8 | 62.8 | 76.8 | 96.5 | 112.9 | 165.0 | 1393.0 | 4735.7 | 5433.8 | 5546.7 |
| 45° | 40.6 | 53.9 | 69.2 | 95.8 | 98.4 | 125.6 | 1235.0 | 4888.0 | 5647.7 | 5749.2 |
| 47.5° | 32.4 | 45.7 | 66.6 | 89.5 | 80.6 | 99.7 | 1144.9 | 5047.3 | 5825.4 | 5906.6 |
| 50° | 26.0 | 38.1 | 69.8 | 78.7 | 67.3 | 84.4 | 1142.3 | 5225.0 | 5917.4 | 5971.4 |
| 52.5° | 20.9 | 31.1 | 59.0 | 60.3 | 57.1 | 74.3 | 1210.9 | 5425.0 | 6011.3 | 6055.8 |
| 55° | 17.7 | 26.0 | 38.7 | 44.4 | 51.4 | 67.3 | 1262.3 | 5732.8 | 6235.3 | 6277.2 |
| 57.5° | 14.0 | 22.2 | 29.9 | 35.6 | 45.7 | 61.6 | 1269.3 | 5970.1 | 6519.0 | 6546.3 |
| 59° | 12.0 | 19.0 | 26.7 | 31.7 | 41.9 | 57.8 | 1240.7 | 5984.6 | 6537.4 | 6581.2 |
| 60° | 10.2 | 17.2 | 23.5 | 29.9 | 38.7 | 54.6 | 1209.6 | 5878.7 | 6468.9 | 6517.8 |
| 62.5° | 7.7 | 13.3 | 17.2 | 24.1 | 31.7 | 46.9 | 1062.4 | 5508.7 | 6206.8 | 6241.1 |
| 65° | 5.0 | 9.5 | 12.7 | 17.7 | 24.7 | 40.6 | 865.6 | 5028.9 | 5801.9 | 5878.7 |
| 67.5° | 3.2 | 7.0 | 10.2 | 13.3 | 20.3 | 34.2 | 616.9 | 4312.4 | 5235.1 | 5284.7 |
| 70° | 1.9 | 4.5 | 7.7 | 10.8 | 15.9 | 27.2 | 366.2 | 3408.7 | 4355.5 | 4365.7 |
| 72.5° | 1.3 | 3.2 | 5.0 | 7.7 | 12.7 | 24.7 | 177.7 | 2221.9 | 3180.2 | 3301.4 |
| 75° | 0.7 | 1.9 | 3.2 | 5.7 | 10.2 | 20.3 | 85.0 | 1484.4 | 2313.9 | 2348.8 |
| 77.5° | 0.0 | 0.7 | 1.9 | 3.8 | 7.7 | 15.9 | 49.5 | 974.8 | 1577.7 | 1613.9 |
| 80° | 0.0 | 0.0 | 1.3 | 3.2 | 5.7 | 10.2 | 29.9 | 575.0 | 955.8 | 973.5 |
| 82.5° | 0.0 | 0.0 | 0.7 | 2.5 | 3.8 | 7.7 | 15.2 | 252.6 | 625.8 | 632.1 |
| 85° | 0.0 | 0.0 | 0.7 | 2.5 | 3.2 | 5.0 | 5.7 | 34.2 | 278.0 | 283.1 |
| 87.5° | 0.0 | 0.0 | 0.7 | 3.2 | 3.2 | 3.2 | 3.2 | 1.9 | 23.5 | 29.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)