

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: P650416

Luminaire Tested: **GLAN-SA5B-835-U-SLL-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P650416
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-SA5B-835-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 80 CRI, 3500K, 800mA 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: 16023.3 lumens
Efficiency: N/A
Efficacy: 78.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

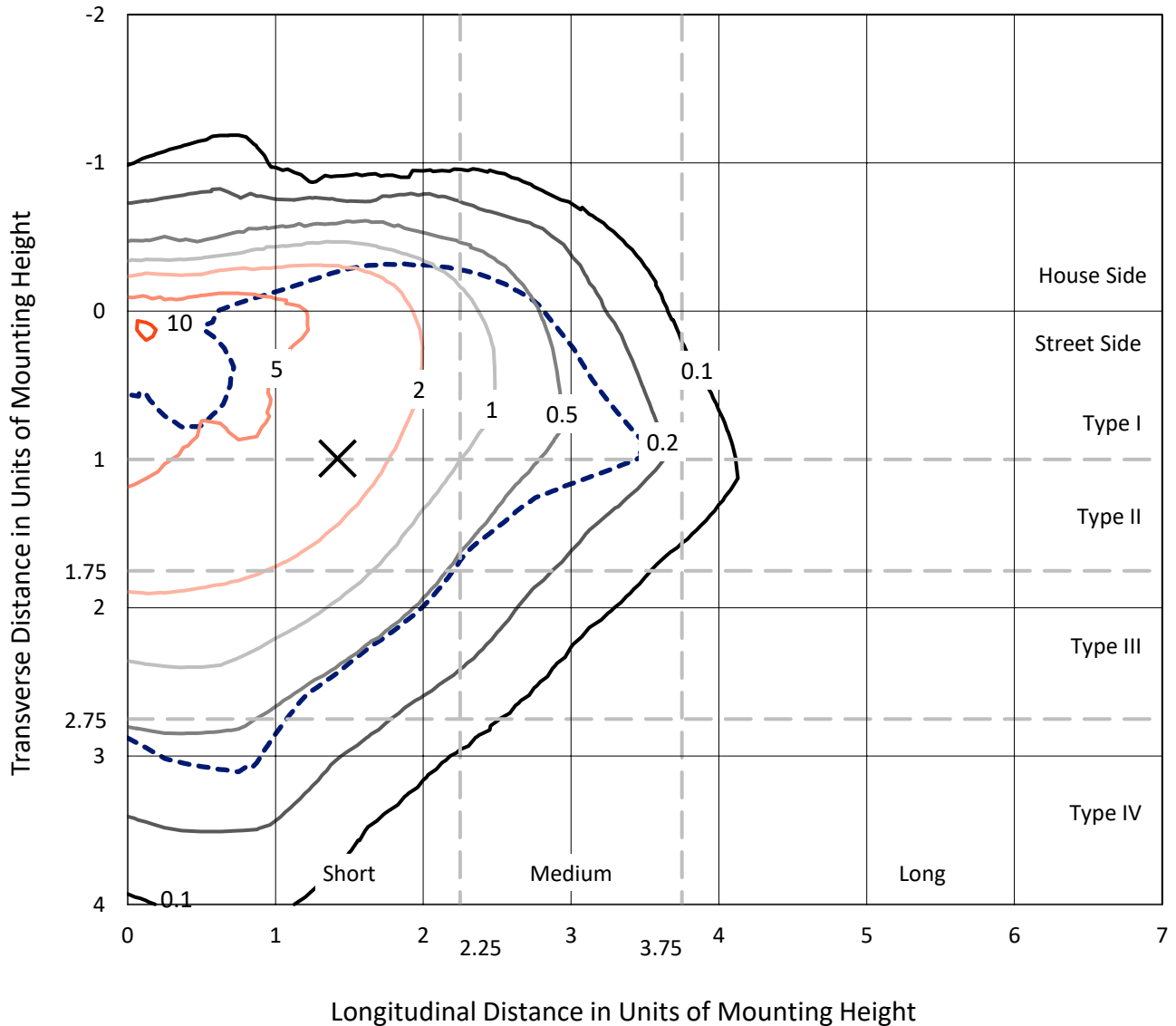
Input Watts (W): 204
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P650416
 CATALOG NUMBER: GLAN-SA5B-835-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

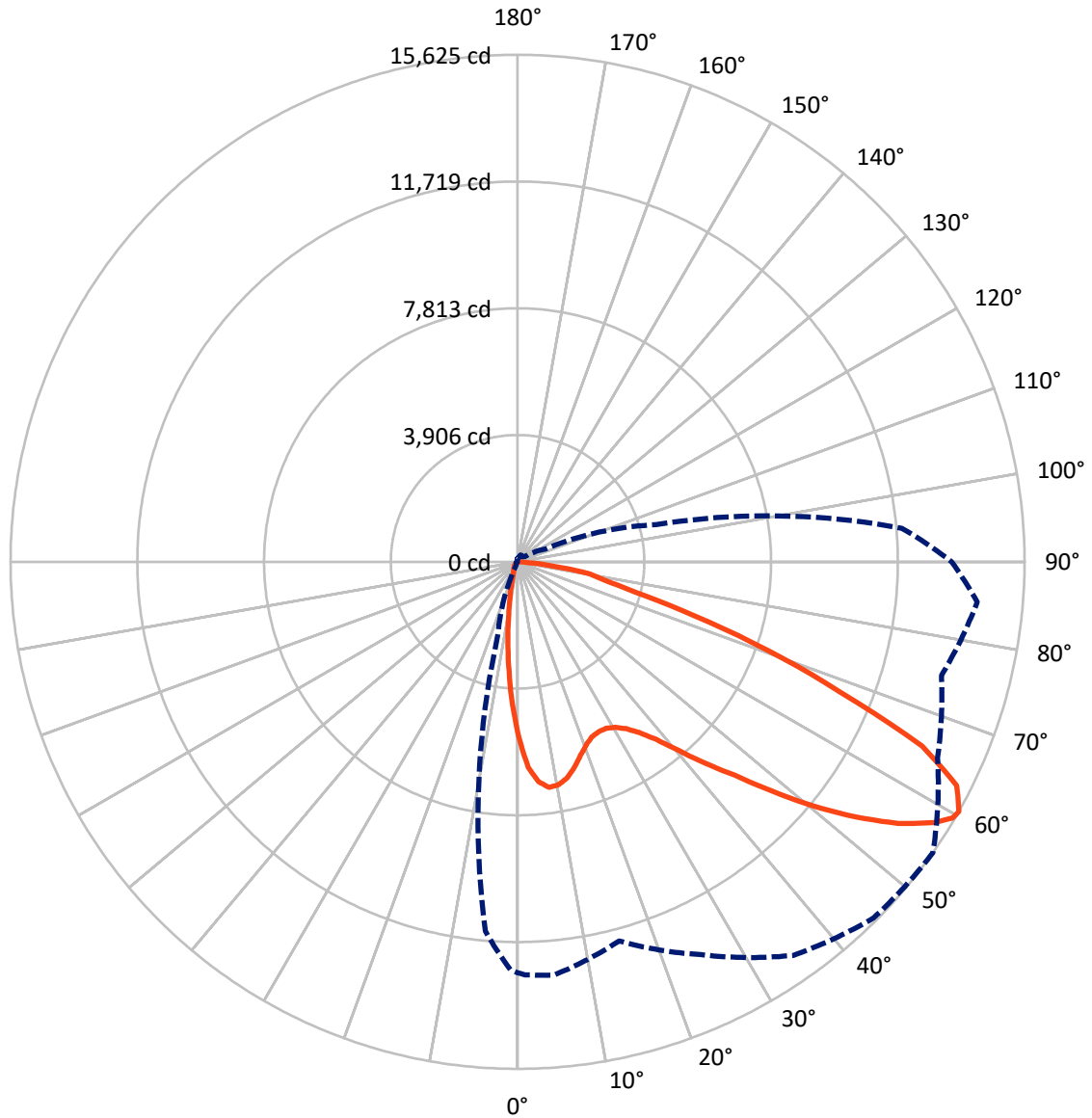
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.2 fc
 Type III - Short - N/A

REPORT NUMBER: P650416
CATALOG NUMBER: GLAN-SA5B-835-U-SLL-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P650416
 CATALOG NUMBER: GLAN-SA5B-835-U-SLL-HSS

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2378.0 | 0.0 | 2378.0 |
| | % Fixture | 14.8 | 0.0 | 14.8 |
| Street Side | Lumens | 13645.3 | 0.0 | 13645.3 |
| | % Fixture | 85.2 | 0.0 | 85.2 |
| Total | Lumens | 16023.3 | 0.0 | 16023.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 401.8 | 2.5 |
| 10°-20° | 791.2 | 4.9 |
| 20°-30° | 1171.1 | 7.3 |
| 30°-40° | 1745.6 | 10.9 |
| 40°-50° | 2556.4 | 16.0 |
| 50°-60° | 3690.7 | 23.0 |
| 60°-70° | 3882.4 | 24.2 |
| 70°-80° | 1597.1 | 10.0 |
| 80°-90° | 187.1 | 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° | 16023.3 | 100.0 |
| 0°-180° | 16023.3 | 100.0 |

Coefficient of Utilization



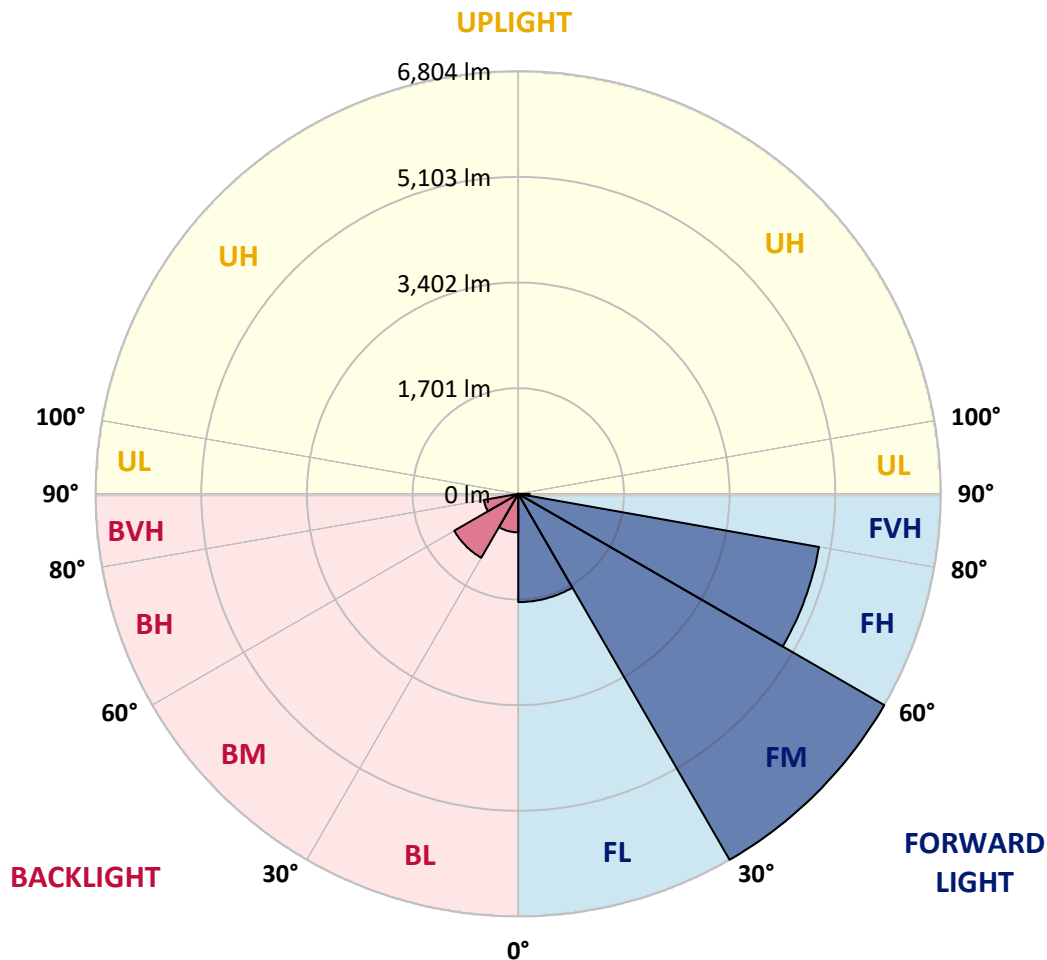
REPORT NUMBER: P650416
 CATALOG NUMBER: GLAN-SA5B-835-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1743.6 | 10.9 | | | |
| FM (30°-60°) | 6803.5 | 42.5 | | | |
| FH (60°-80°) | 4916.7 | 30.7 | | | G2/5000 |
| FVH (80°-90°) | 181.6 | 1.1 | | | G2/225 |
| BL (0°-30°) | 620.4 | 3.9 | B2/1000 | | |
| BM (30°-60°) | 1189.2 | 7.4 | B2/2500 | | |
| BH (60°-80°) | 562.9 | 3.5 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 5.5 | 0.0 | | | G0/10 |
| 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: P650416

CATALOG NUMBER: GLAN-SA5B-835-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 |
| 2.5° | 5927.4 | 5917.5 | 6005.1 | 6148.2 | 6292.5 | 6367.7 | 6352.9 | 6346.8 | 6227.1 | 6139.6 | 5955.8 |
| 5° | 5915.1 | 5965.7 | 6122.3 | 6509.5 | 6803.1 | 6944.9 | 6986.9 | 6810.5 | 6577.4 | 6239.4 | 5822.5 |
| 7.5° | 5561.1 | 5624.1 | 5879.3 | 6484.9 | 7006.6 | 7314.9 | 7303.8 | 7021.4 | 6540.4 | 6017.4 | 5423.0 |
| 10° | 5122.1 | 5196.1 | 5495.7 | 6230.8 | 6907.9 | 7314.9 | 7337.1 | 6979.4 | 6381.3 | 5710.3 | 5085.0 |
| 12.5° | 4812.5 | 4900.0 | 5231.8 | 5994.0 | 6653.9 | 7054.7 | 7080.6 | 6821.6 | 6261.7 | 5592.0 | 4901.3 |
| 15° | 4707.6 | 4790.3 | 5127.0 | 5874.4 | 6383.7 | 6599.6 | 6593.4 | 6566.3 | 6214.7 | 5620.3 | 4911.1 |
| 17.5° | 4887.7 | 4955.5 | 5335.4 | 5928.6 | 6130.9 | 6108.7 | 6140.8 | 6271.5 | 6224.6 | 5858.3 | 5222.0 |
| 20° | 5352.7 | 5421.7 | 5830.0 | 6095.2 | 5937.3 | 5796.7 | 5811.5 | 6029.8 | 6315.9 | 6306.0 | 5707.9 |
| 22.5° | 5992.8 | 6110.0 | 6480.0 | 6418.3 | 5911.4 | 5603.1 | 5572.2 | 5855.9 | 6471.3 | 6821.6 | 6364.0 |
| 25° | 6803.1 | 6921.5 | 7210.1 | 6933.9 | 6038.4 | 5557.4 | 5529.1 | 5802.8 | 6660.0 | 7324.8 | 7102.7 |
| 27.5° | 7483.9 | 7574.0 | 7861.3 | 7435.8 | 6225.9 | 5577.2 | 5530.3 | 5810.3 | 6813.0 | 7752.7 | 7725.6 |
| 30° | 8029.0 | 8095.6 | 8264.6 | 7670.1 | 6387.5 | 5663.5 | 5609.3 | 5918.8 | 6880.8 | 7961.2 | 8230.0 |
| 32.5° | 8468.1 | 8580.3 | 8633.4 | 7920.5 | 6619.3 | 5826.3 | 5733.8 | 6127.2 | 7046.1 | 8219.0 | 8759.2 |
| 35° | 8970.0 | 9099.6 | 9031.7 | 8159.7 | 6925.2 | 6080.4 | 5966.9 | 6465.2 | 7296.4 | 8457.0 | 9373.4 |
| 37.5° | 9606.5 | 9755.7 | 9490.5 | 8411.4 | 7248.3 | 6462.6 | 6409.6 | 6940.0 | 7676.3 | 8797.4 | 10032.0 |
| 40° | 10265.1 | 10351.4 | 9935.8 | 8717.2 | 7645.4 | 7018.9 | 7069.5 | 7645.4 | 8173.3 | 9205.7 | 10732.5 |
| 42.5° | 10779.3 | 10860.8 | 10393.3 | 8973.7 | 8051.2 | 7678.7 | 7889.7 | 8496.5 | 8743.1 | 9623.7 | 11255.5 |
| 45° | 11172.8 | 11241.8 | 10710.3 | 9253.7 | 8598.8 | 8634.6 | 9032.9 | 9373.4 | 9314.2 | 9879.0 | 11658.7 |
| 47.5° | 11478.7 | 11537.9 | 10954.5 | 9554.6 | 9419.0 | 9803.8 | 10413.0 | 10557.3 | 9906.1 | 10155.3 | 12023.8 |
| 50° | 11604.5 | 11621.8 | 11031.0 | 9938.2 | 10350.2 | 11293.7 | 11928.8 | 11841.2 | 10584.5 | 10462.4 | 12412.3 |
| 52.5° | 11768.5 | 11764.8 | 11249.3 | 10303.3 | 11225.9 | 12625.6 | 13259.6 | 13061.1 | 11351.6 | 10922.5 | 12848.9 |
| 55° | 12198.9 | 12203.8 | 11716.7 | 10821.3 | 11972.0 | 13701.2 | 14379.5 | 14235.2 | 12160.7 | 11699.4 | 13358.3 |
| 57.5° | 12721.9 | 12740.3 | 12381.5 | 11426.9 | 12684.8 | 14480.6 | 15215.6 | 15160.2 | 13254.7 | 12564.0 | 13839.3 |
| 59° | 12789.7 | 12826.7 | 12696.0 | 11853.6 | 13107.9 | 14719.9 | 15501.8 | 15556.1 | 13840.5 | 13133.8 | 14099.5 |
| 60° | 12666.4 | 12728.1 | 12787.3 | 12095.3 | 13355.8 | 14806.2 | 15519.1 | 15625.2 | 14280.8 | 13521.1 | 14217.9 |
| 62.5° | 12128.7 | 12226.1 | 12523.3 | 12839.0 | 13665.4 | 14537.3 | 14967.7 | 15189.8 | 14825.9 | 14538.6 | 14229.0 |
| 65° | 11424.4 | 11474.9 | 11904.2 | 12971.0 | 13064.7 | 13281.8 | 13415.0 | 13699.9 | 14171.0 | 14930.8 | 13719.6 |
| 67.5° | 10270.0 | 10419.2 | 10944.6 | 12205.1 | 11292.4 | 11035.9 | 11002.6 | 10719.0 | 11942.4 | 13995.9 | 12464.1 |
| 70° | 8484.1 | 8550.8 | 9198.2 | 10006.0 | 8522.3 | 8127.7 | 8285.5 | 8179.5 | 9257.4 | 12048.5 | 10032.0 |
| 72.5° | 6415.8 | 6566.3 | 7199.0 | 7976.0 | 5799.1 | 5287.3 | 5722.7 | 5683.2 | 6953.6 | 9682.9 | 6891.9 |
| 75° | 4564.6 | 4662.0 | 5468.6 | 6241.9 | 4061.3 | 3441.0 | 3597.7 | 3744.4 | 4854.4 | 7645.4 | 4072.5 |
| 77.5° | 3136.4 | 3220.2 | 3825.8 | 4128.0 | 2962.5 | 2837.9 | 2596.2 | 2738.0 | 3180.8 | 4536.2 | 2216.3 |
| 80° | 1892.0 | 1888.2 | 2286.6 | 2360.6 | 2063.4 | 2396.4 | 2010.4 | 2257.0 | 1922.7 | 1941.3 | 858.4 |
| 82.5° | 1228.4 | 1216.1 | 1398.6 | 1524.4 | 1148.3 | 1207.5 | 810.3 | 1168.0 | 1253.0 | 541.4 | 271.3 |
| 85° | 550.1 | 573.5 | 672.2 | 886.7 | 503.2 | 267.6 | 165.3 | 358.9 | 534.0 | 272.6 | 0.0 |
| 87.5° | 56.8 | 44.4 | 118.4 | 215.9 | 69.1 | 7.4 | 24.7 | 12.4 | 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: P650416

CATALOG NUMBER: GLAN-SA5B-835-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 |
| 2.5° | 5870.7 | 5799.1 | 5585.8 | 5385.9 | 5214.5 | 5004.9 | 4869.2 | 4655.9 | 4526.4 | 4486.9 | 4493.0 |
| 5° | 5635.1 | 5429.2 | 5023.4 | 4699.0 | 4337.7 | 4131.7 | 3818.4 | 3517.5 | 3354.7 | 3294.2 | 3267.1 |
| 7.5° | 5141.8 | 4921.0 | 4431.4 | 3922.0 | 3534.8 | 3173.3 | 2940.2 | 2675.1 | 2493.8 | 2344.5 | 2318.7 |
| 10° | 4775.5 | 4485.7 | 3878.8 | 3331.3 | 3025.4 | 2754.0 | 2520.9 | 2255.7 | 2042.4 | 1872.2 | 1825.3 |
| 12.5° | 4556.0 | 4231.6 | 3554.5 | 3095.7 | 2805.9 | 2527.1 | 2223.7 | 1916.6 | 1698.3 | 1514.6 | 1429.4 |
| 15° | 4516.5 | 4140.3 | 3463.2 | 2926.7 | 2569.0 | 2232.3 | 1829.0 | 1497.3 | 1272.8 | 1098.9 | 1045.9 |
| 17.5° | 4754.5 | 4304.3 | 3449.7 | 2750.4 | 2259.5 | 1782.2 | 1362.8 | 1087.8 | 835.0 | 737.5 | 699.3 |
| 20° | 5178.8 | 4594.2 | 3448.4 | 2545.6 | 1941.3 | 1372.7 | 957.1 | 709.2 | 606.8 | 559.9 | 537.8 |
| 22.5° | 5757.2 | 4988.9 | 3513.8 | 2369.2 | 1610.7 | 1012.6 | 683.2 | 564.9 | 505.7 | 467.5 | 458.8 |
| 25° | 6463.9 | 5573.5 | 3674.1 | 2249.6 | 1357.9 | 794.3 | 563.6 | 483.5 | 434.2 | 416.9 | 409.4 |
| 27.5° | 7091.7 | 6133.4 | 3850.5 | 2126.2 | 1176.6 | 703.0 | 523.0 | 442.8 | 403.3 | 389.7 | 378.7 |
| 30° | 7633.2 | 6641.5 | 3935.6 | 1963.5 | 1031.1 | 643.8 | 530.3 | 473.6 | 421.8 | 381.1 | 362.6 |
| 32.5° | 8084.6 | 7031.3 | 3991.1 | 1815.5 | 907.7 | 526.6 | 419.3 | 366.3 | 342.9 | 328.1 | 315.7 |
| 35° | 8649.4 | 7453.1 | 3957.8 | 1731.6 | 844.9 | 479.7 | 382.3 | 315.7 | 276.2 | 246.6 | 234.4 |
| 37.5° | 9241.4 | 7874.9 | 3899.8 | 1662.5 | 816.4 | 445.2 | 363.9 | 299.7 | 256.5 | 225.7 | 209.7 |
| 40° | 9854.4 | 8265.8 | 3832.0 | 1598.4 | 790.6 | 423.1 | 352.7 | 286.1 | 243.0 | 209.7 | 192.4 |
| 42.5° | 10415.5 | 8646.9 | 3804.8 | 1556.4 | 748.6 | 426.7 | 344.1 | 280.0 | 229.4 | 194.9 | 180.1 |
| 45° | 10869.4 | 9008.3 | 3841.9 | 1534.3 | 703.0 | 420.5 | 346.6 | 272.6 | 218.3 | 185.0 | 170.2 |
| 47.5° | 11354.1 | 9518.9 | 3961.5 | 1512.1 | 658.6 | 391.0 | 365.0 | 271.3 | 213.4 | 178.8 | 162.8 |
| 50° | 11917.7 | 10172.6 | 4235.2 | 1457.8 | 604.3 | 358.9 | 388.5 | 270.1 | 207.2 | 171.4 | 155.4 |
| 52.5° | 12668.9 | 10915.0 | 4517.7 | 1362.8 | 525.4 | 328.1 | 371.2 | 266.4 | 194.9 | 162.8 | 146.7 |
| 55° | 13343.5 | 11697.0 | 4757.0 | 1250.6 | 425.5 | 283.7 | 334.3 | 250.4 | 173.9 | 148.0 | 133.2 |
| 57.5° | 13622.2 | 12138.5 | 4749.6 | 1095.2 | 340.4 | 249.2 | 275.1 | 229.4 | 151.7 | 130.8 | 118.4 |
| 59° | 13519.8 | 12083.0 | 4590.5 | 980.5 | 310.8 | 230.7 | 228.2 | 226.9 | 141.8 | 118.4 | 108.5 |
| 60° | 13375.5 | 11880.8 | 4419.0 | 923.8 | 292.3 | 218.3 | 209.7 | 224.5 | 133.2 | 111.0 | 101.2 |
| 62.5° | 12823.0 | 11042.1 | 3850.5 | 827.6 | 267.6 | 185.0 | 167.7 | 190.0 | 118.4 | 96.2 | 87.5 |
| 65° | 12022.6 | 9753.2 | 3259.7 | 800.5 | 260.3 | 152.9 | 139.4 | 135.7 | 101.2 | 81.4 | 74.0 |
| 67.5° | 10461.2 | 8253.5 | 2640.6 | 781.9 | 262.7 | 128.3 | 122.1 | 102.3 | 83.9 | 67.8 | 62.9 |
| 70° | 8375.6 | 6435.6 | 2162.0 | 761.0 | 265.2 | 104.8 | 102.3 | 81.4 | 67.8 | 56.8 | 51.8 |
| 72.5° | 5088.7 | 3814.7 | 1702.0 | 661.1 | 257.8 | 83.9 | 91.3 | 61.7 | 49.3 | 40.7 | 38.2 |
| 75° | 3146.3 | 2611.0 | 1055.7 | 514.3 | 170.2 | 61.7 | 64.1 | 38.2 | 33.3 | 25.9 | 25.9 |
| 77.5° | 1822.9 | 1649.0 | 377.4 | 185.0 | 75.2 | 37.0 | 28.3 | 19.7 | 18.5 | 11.1 | 11.1 |
| 80° | 756.1 | 605.6 | 130.8 | 62.9 | 40.7 | 17.3 | 6.2 | 1.3 | 0.0 | 0.0 | 0.0 |
| 82.5° | 220.8 | 196.1 | 35.8 | 28.3 | 12.4 | 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: P650416

CATALOG NUMBER: GLAN-SA5B-835-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 |
| 2.5° | 4388.2 | 4347.5 | 4329.1 | 4391.9 | 4334.0 | 4408.0 | 4351.2 | 4375.9 | 4448.6 | 4480.7 | 4563.3 |
| 5° | 3284.4 | 3242.5 | 3222.7 | 3317.6 | 3312.7 | 3359.6 | 3354.7 | 3397.8 | 3434.9 | 3352.2 | 3437.3 |
| 7.5° | 2287.8 | 2259.5 | 2306.3 | 2380.3 | 2459.2 | 2433.4 | 2433.4 | 2375.4 | 2395.1 | 2382.8 | 2379.1 |
| 10° | 1740.2 | 1642.8 | 1618.1 | 1615.6 | 1645.2 | 1651.4 | 1618.1 | 1538.0 | 1567.6 | 1576.2 | 1628.0 |
| 12.5° | 1369.0 | 1293.8 | 1179.0 | 1127.3 | 1113.7 | 1124.8 | 1015.0 | 944.8 | 978.0 | 958.3 | 1008.9 |
| 15° | 981.7 | 920.1 | 852.2 | 794.3 | 778.2 | 756.1 | 636.4 | 552.6 | 542.7 | 546.4 | 555.0 |
| 17.5° | 700.6 | 658.6 | 658.6 | 597.0 | 563.6 | 497.0 | 436.6 | 399.6 | 395.9 | 399.6 | 405.8 |
| 20° | 516.8 | 494.5 | 492.1 | 476.1 | 439.1 | 394.6 | 352.7 | 345.3 | 342.9 | 349.1 | 351.5 |
| 22.5° | 445.2 | 421.8 | 402.1 | 400.8 | 366.3 | 329.3 | 309.6 | 299.7 | 300.9 | 303.4 | 309.6 |
| 25° | 398.4 | 373.7 | 352.7 | 340.4 | 315.7 | 289.9 | 271.3 | 266.4 | 266.4 | 270.1 | 271.3 |
| 27.5° | 365.0 | 334.3 | 315.7 | 298.5 | 276.2 | 254.1 | 238.0 | 234.4 | 231.8 | 234.4 | 240.5 |
| 30° | 341.6 | 310.8 | 287.4 | 261.4 | 244.2 | 223.2 | 209.7 | 204.8 | 203.5 | 204.8 | 209.7 |
| 32.5° | 292.3 | 273.8 | 255.3 | 231.8 | 210.9 | 197.3 | 182.5 | 173.9 | 173.9 | 176.3 | 181.3 |
| 35° | 220.8 | 210.9 | 209.7 | 203.5 | 186.2 | 171.4 | 154.2 | 145.6 | 145.6 | 150.5 | 152.9 |
| 37.5° | 194.9 | 176.3 | 173.9 | 171.4 | 164.0 | 144.3 | 128.3 | 120.9 | 119.6 | 123.3 | 128.3 |
| 40° | 177.6 | 156.6 | 145.6 | 143.1 | 144.3 | 122.1 | 104.8 | 97.4 | 97.4 | 98.7 | 103.6 |
| 42.5° | 164.0 | 139.4 | 119.6 | 117.1 | 122.1 | 102.3 | 85.1 | 77.7 | 77.7 | 77.7 | 83.9 |
| 45° | 152.9 | 124.6 | 101.2 | 88.8 | 96.2 | 83.9 | 69.1 | 61.7 | 59.2 | 61.7 | 64.1 |
| 47.5° | 145.6 | 113.5 | 88.8 | 71.6 | 71.6 | 66.6 | 55.5 | 46.9 | 44.4 | 45.6 | 49.3 |
| 50° | 139.4 | 103.6 | 75.2 | 57.9 | 51.8 | 53.0 | 42.0 | 35.8 | 33.3 | 33.3 | 37.0 |
| 52.5° | 129.5 | 93.7 | 65.4 | 49.3 | 39.5 | 35.8 | 30.9 | 25.9 | 24.7 | 25.9 | 28.3 |
| 55° | 117.1 | 85.1 | 56.8 | 40.7 | 30.9 | 24.7 | 22.2 | 18.5 | 17.3 | 18.5 | 22.2 |
| 57.5° | 103.6 | 71.6 | 45.6 | 32.1 | 21.0 | 16.1 | 14.8 | 12.4 | 9.9 | 11.1 | 13.5 |
| 59° | 95.0 | 64.1 | 39.5 | 25.9 | 16.1 | 11.1 | 11.1 | 8.6 | 6.2 | 7.4 | 11.1 |
| 60° | 91.3 | 59.2 | 33.3 | 22.2 | 13.5 | 8.6 | 8.6 | 6.2 | 3.7 | 4.9 | 8.6 |
| 62.5° | 77.7 | 49.3 | 25.9 | 13.5 | 6.2 | 1.3 | 3.7 | 1.3 | 0.0 | 1.3 | 3.7 |
| 65° | 65.4 | 39.5 | 17.3 | 6.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 |
| 67.5° | 54.3 | 29.6 | 8.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 43.1 | 19.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 29.6 | 11.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 18.5 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 7.4 | 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: P650416
 CATALOG NUMBER: GLAN-SA5B-835-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 | 5425.5 |
| 2.5° | 4568.3 | 4744.7 | 4853.2 | 5057.9 | 5267.6 | 5429.2 | 5631.4 | 5812.7 | 5887.9 | 5927.4 |
| 5° | 3523.7 | 3769.0 | 3977.5 | 4289.5 | 4579.4 | 4932.1 | 5289.8 | 5711.6 | 5873.1 | 5915.1 |
| 7.5° | 2472.9 | 2723.2 | 2941.5 | 3302.9 | 3716.0 | 4188.4 | 4723.7 | 5258.9 | 5494.5 | 5561.1 |
| 10° | 1785.9 | 2053.5 | 2319.9 | 2681.3 | 3067.3 | 3579.2 | 4136.6 | 4798.9 | 5070.2 | 5122.1 |
| 12.5° | 1127.3 | 1414.6 | 1847.6 | 2294.0 | 2702.2 | 3114.1 | 3697.6 | 4417.8 | 4717.5 | 4812.5 |
| 15° | 653.6 | 868.3 | 1195.1 | 1777.3 | 2296.5 | 2841.6 | 3478.0 | 4274.7 | 4610.2 | 4707.6 |
| 17.5° | 437.9 | 511.8 | 736.3 | 1181.5 | 1867.3 | 2590.0 | 3422.5 | 4391.9 | 4763.1 | 4887.7 |
| 20° | 368.8 | 402.1 | 481.0 | 720.3 | 1438.1 | 2365.5 | 3437.3 | 4710.1 | 5197.3 | 5352.7 |
| 22.5° | 324.4 | 355.2 | 405.8 | 518.0 | 1004.0 | 2086.8 | 3507.6 | 5165.2 | 5794.2 | 5992.8 |
| 25° | 286.1 | 317.0 | 361.4 | 429.2 | 674.6 | 1764.9 | 3661.8 | 5831.2 | 6584.8 | 6803.1 |
| 27.5° | 254.1 | 282.4 | 320.6 | 378.7 | 519.2 | 1406.0 | 3798.6 | 6480.0 | 7306.3 | 7483.9 |
| 30° | 224.5 | 247.9 | 284.9 | 329.3 | 431.7 | 1084.1 | 3867.7 | 7047.3 | 7831.7 | 8029.0 |
| 32.5° | 194.9 | 217.0 | 252.8 | 288.6 | 355.2 | 826.3 | 3819.6 | 7464.2 | 8342.3 | 8468.1 |
| 35° | 166.5 | 190.0 | 219.6 | 252.8 | 307.1 | 667.3 | 3579.2 | 7932.8 | 8871.4 | 8970.0 |
| 37.5° | 143.1 | 162.8 | 193.6 | 219.6 | 277.5 | 534.0 | 3288.1 | 8354.6 | 9464.6 | 9606.5 |
| 40° | 120.9 | 140.6 | 171.4 | 194.9 | 255.3 | 420.5 | 3025.4 | 8823.3 | 10089.9 | 10265.1 |
| 42.5° | 98.7 | 122.1 | 149.2 | 187.5 | 219.6 | 320.6 | 2707.1 | 9203.1 | 10559.9 | 10779.3 |
| 45° | 78.9 | 104.8 | 134.4 | 186.2 | 191.1 | 244.2 | 2400.1 | 9499.2 | 10975.5 | 11172.8 |
| 47.5° | 62.9 | 88.8 | 129.5 | 173.9 | 156.6 | 193.6 | 2225.0 | 9808.7 | 11320.8 | 11478.7 |
| 50° | 50.6 | 74.0 | 135.7 | 152.9 | 130.8 | 164.0 | 2220.0 | 10154.1 | 11499.6 | 11604.5 |
| 52.5° | 40.7 | 60.4 | 114.7 | 117.1 | 111.0 | 144.3 | 2353.2 | 10542.5 | 11682.2 | 11768.5 |
| 55° | 34.5 | 50.6 | 75.2 | 86.4 | 99.9 | 130.8 | 2453.1 | 11140.8 | 12117.6 | 12198.9 |
| 57.5° | 27.2 | 43.1 | 57.9 | 69.1 | 88.8 | 119.6 | 2466.7 | 11602.0 | 12668.9 | 12721.9 |
| 59° | 23.4 | 37.0 | 51.8 | 61.7 | 81.4 | 112.2 | 2411.2 | 11630.4 | 12704.6 | 12789.7 |
| 60° | 19.7 | 33.3 | 45.6 | 57.9 | 75.2 | 106.1 | 2350.7 | 11424.4 | 12571.4 | 12666.4 |
| 62.5° | 14.8 | 25.9 | 33.3 | 46.9 | 61.7 | 91.3 | 2064.6 | 10705.3 | 12062.0 | 12128.7 |
| 65° | 9.9 | 18.5 | 24.7 | 34.5 | 48.1 | 78.9 | 1682.3 | 9772.9 | 11275.2 | 11424.4 |
| 67.5° | 6.2 | 13.5 | 19.7 | 25.9 | 39.5 | 66.6 | 1198.8 | 8380.5 | 10173.8 | 10270.0 |
| 70° | 3.7 | 8.6 | 14.8 | 21.0 | 30.9 | 53.0 | 711.7 | 6624.3 | 8464.4 | 8484.1 |
| 72.5° | 2.5 | 6.2 | 9.9 | 14.8 | 24.7 | 48.1 | 345.3 | 4317.9 | 6180.2 | 6415.8 |
| 75° | 1.3 | 3.7 | 6.2 | 11.1 | 19.7 | 39.5 | 165.3 | 2884.8 | 4496.8 | 4564.6 |
| 77.5° | 0.0 | 1.3 | 3.7 | 7.4 | 14.8 | 30.9 | 96.2 | 1894.4 | 3066.1 | 3136.4 |
| 80° | 0.0 | 0.0 | 2.5 | 6.2 | 11.1 | 19.7 | 57.9 | 1117.4 | 1857.4 | 1892.0 |
| 82.5° | 0.0 | 0.0 | 1.3 | 4.9 | 7.4 | 14.8 | 29.6 | 490.9 | 1216.1 | 1228.4 |
| 85° | 0.0 | 0.0 | 1.3 | 4.9 | 6.2 | 9.9 | 11.1 | 66.6 | 540.2 | 550.1 |
| 87.5° | 0.0 | 0.0 | 1.3 | 6.2 | 6.2 | 6.2 | 6.2 | 3.7 | 45.6 | 56.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)