

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: McGRAW-EDISON

Report Number: P647337

Luminaire Tested: **GALN-SA3D-835-U-SLL**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P647337
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA3D-835-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 80 CRI, 3500K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15586.4 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

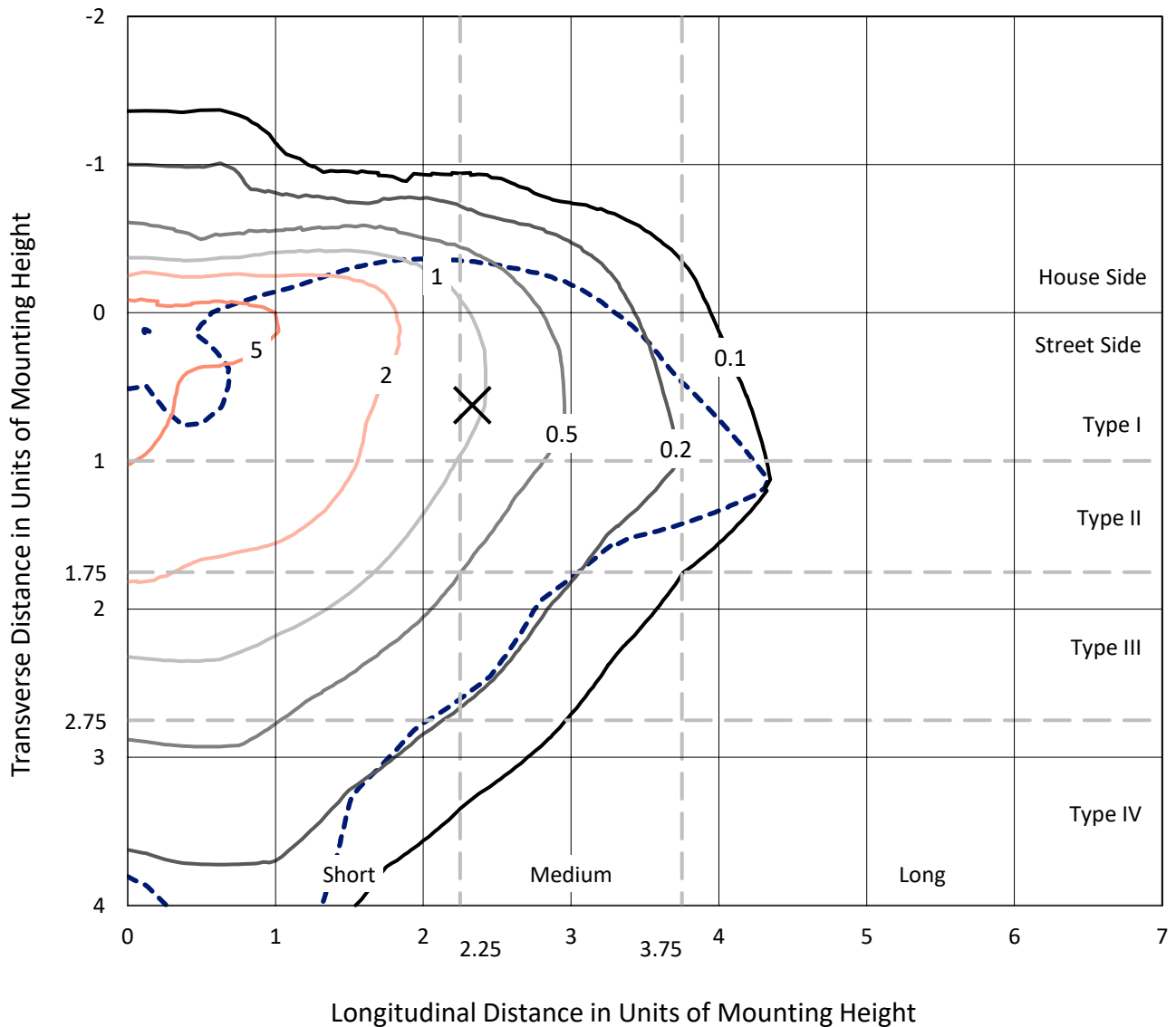
Input Watts (W): 184
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P647337
 CATALOG NUMBER: GALN-SA3D-835-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

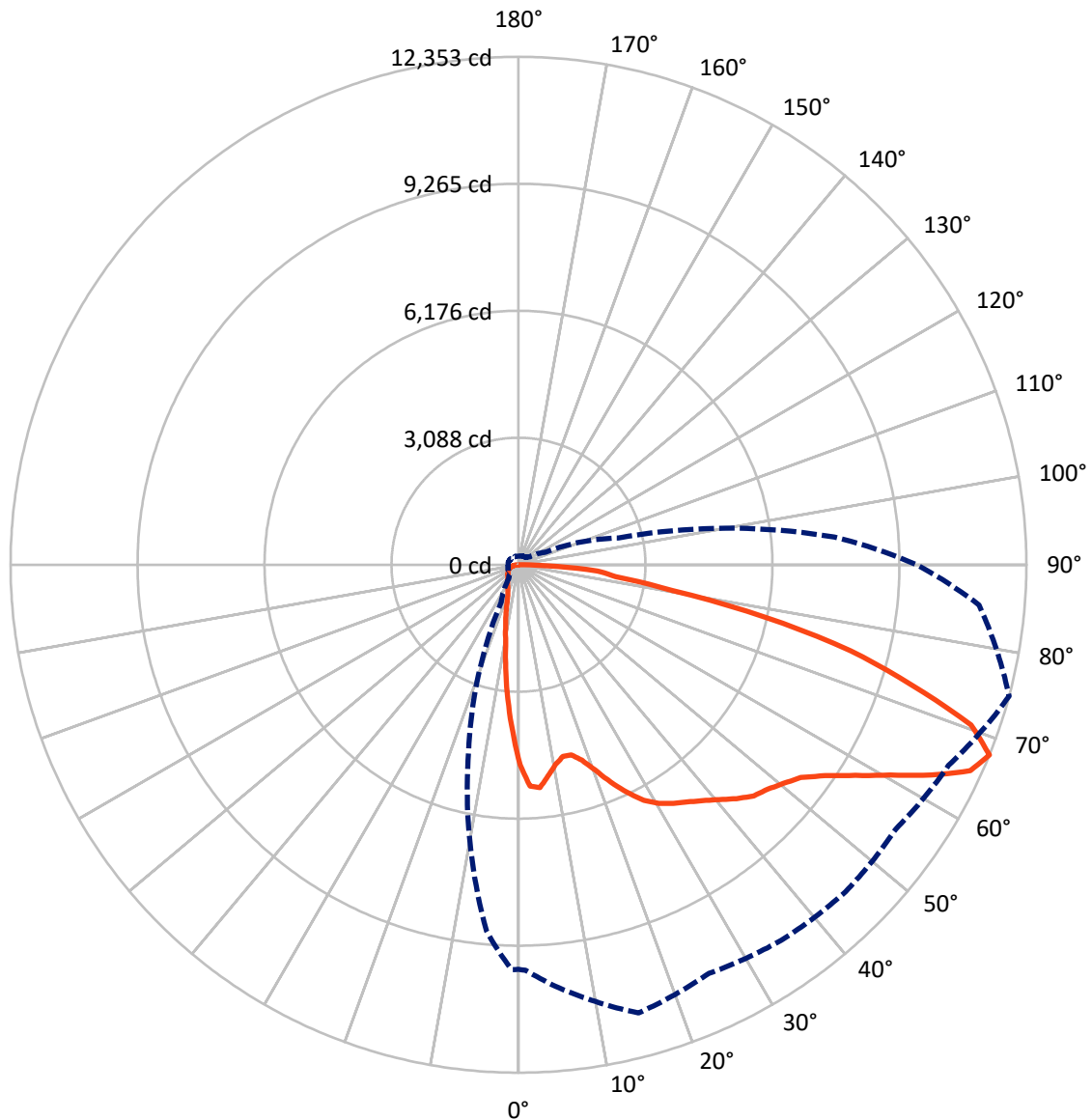
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
 Type III - Medium - N/A

REPORT NUMBER: P647337
CATALOG NUMBER: GALN-SA3D-835-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P647337
 CATALOG NUMBER: GALN-SA3D-835-U-SLL

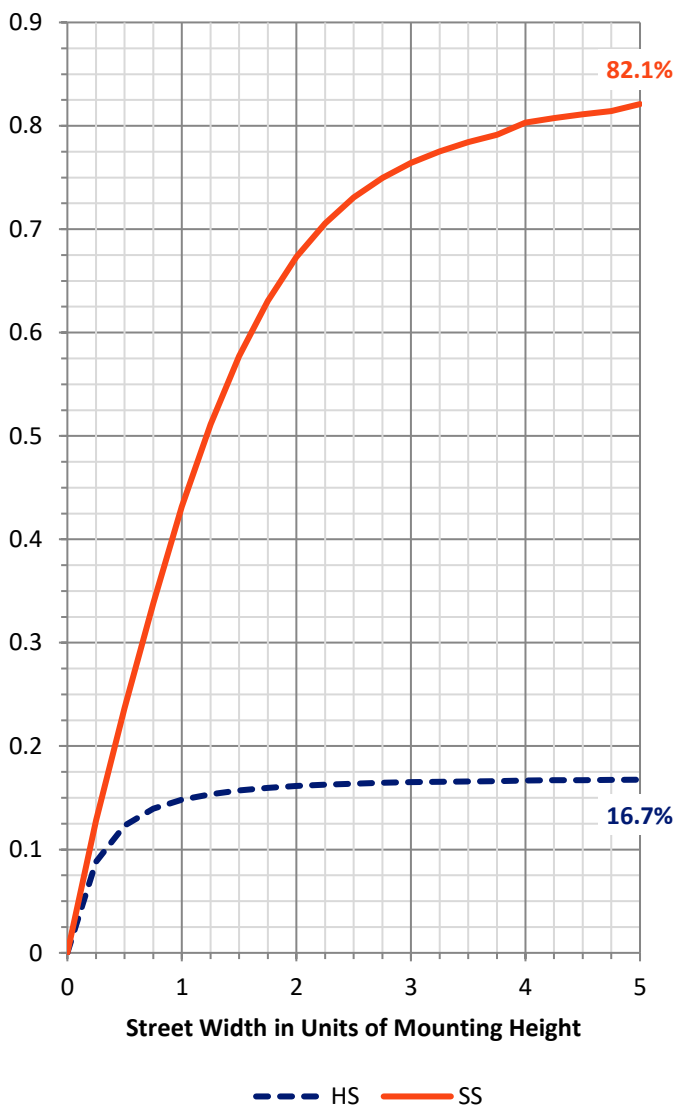
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2634.4 | 0.0 | 2634.4 |
| | % Fixture | 16.9 | 0.0 | 16.9 |
| Street Side | Lumens | 12952.0 | 0.0 | 12952.0 |
| | % Fixture | 83.1 | 0.0 | 83.1 |
| Total | Lumens | 15586.4 | 0.0 | 15586.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 369.3 | 2.4 |
| 10°-20° | 770.3 | 4.9 |
| 20°-30° | 1108.4 | 7.1 |
| 30°-40° | 1596.5 | 10.2 |
| 40°-50° | 2242.6 | 14.4 |
| 50°-60° | 3127.6 | 20.1 |
| 60°-70° | 3718.6 | 23.9 |
| 70°-80° | 2190.0 | 14.1 |
| 80°-90° | 463.1 | 3.0 |
| 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° | 15586.4 | 100.0 |
| 0°-180° | 15586.4 | 100.0 |

Coefficient of Utilization

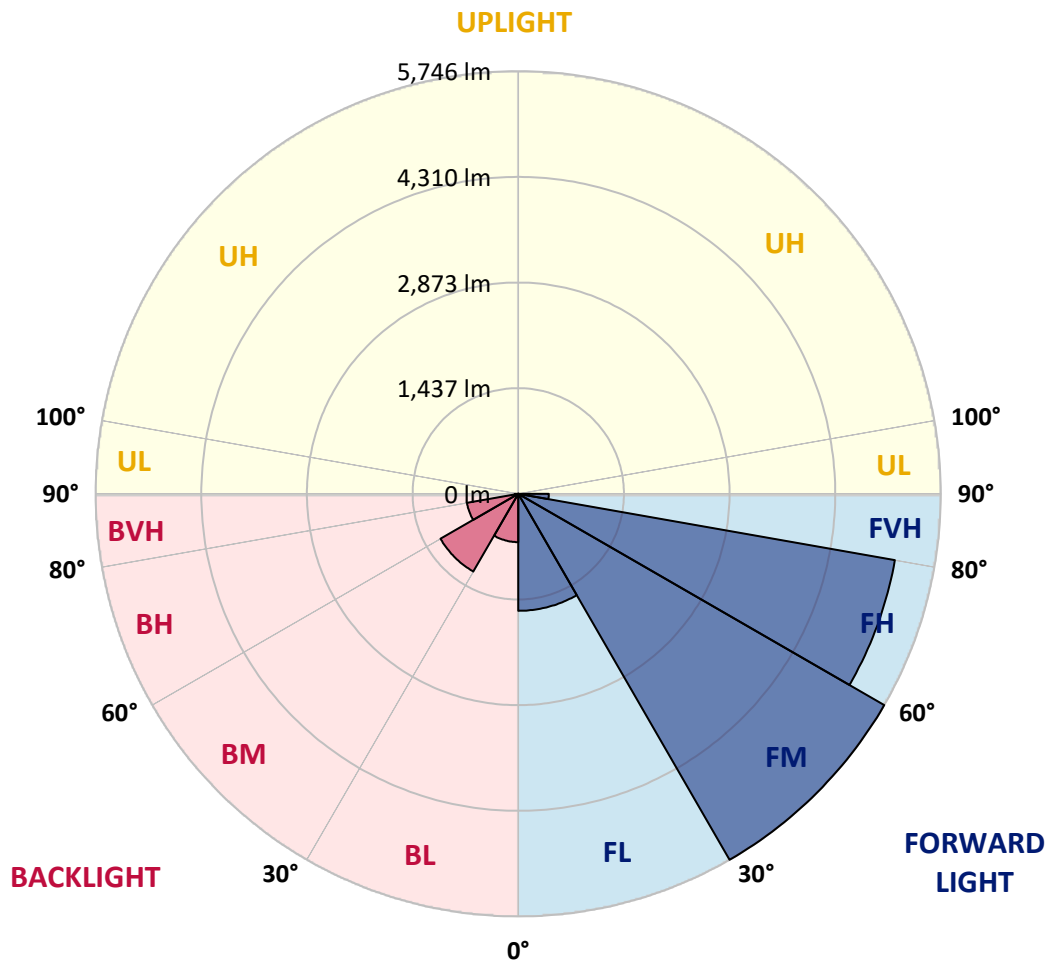


REPORT NUMBER: P647337
 CATALOG NUMBER: GALN-SA3D-835-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1590.9 | 10.2 | | | |
| FM (30°-60°) | 5746.1 | 36.9 | | | |
| FH (60°-80°) | 5199.7 | 33.4 | | | G3/7500 |
| FVH (80°-90°) | 415.2 | 2.7 | | | G3/500 |
| BL (0°-30°) | 657.1 | 4.2 | B2/1000 | | |
| BM (30°-60°) | 1220.5 | 7.8 | B2/2500 | | |
| BH (60°-80°) | 708.9 | 4.5 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 47.9 | 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-G3
 Type III Medium





REPORT NUMBER: P647337
 CATALOG NUMBER: GALN-SA3D-835-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 |
| 2.5° | 5250.4 | 5257.4 | 5302.3 | 5433.3 | 5523.2 | 5556.2 | 5579.2 | 5536.2 | 5494.2 | 5392.3 | 5238.3 |
| 5° | 5234.4 | 5275.4 | 5392.3 | 5686.1 | 5918.1 | 6018.0 | 6048.0 | 5919.0 | 5706.1 | 5444.3 | 5129.4 |
| 7.5° | 4928.5 | 4983.5 | 5163.4 | 5656.2 | 6065.0 | 6298.8 | 6267.8 | 6035.0 | 5651.1 | 5184.4 | 4744.6 |
| 10° | 4565.7 | 4626.7 | 4843.6 | 5439.3 | 5966.0 | 6287.9 | 6287.9 | 6004.0 | 5494.2 | 4939.6 | 4432.8 |
| 12.5° | 4277.8 | 4341.8 | 4589.7 | 5216.4 | 5760.1 | 6065.0 | 6115.9 | 5872.0 | 5381.3 | 4784.6 | 4227.9 |
| 15° | 4182.9 | 4244.9 | 4511.7 | 5081.4 | 5542.2 | 5728.1 | 5745.1 | 5665.2 | 5326.4 | 4795.6 | 4218.9 |
| 17.5° | 4300.9 | 4380.8 | 4650.7 | 5121.4 | 5342.3 | 5353.3 | 5366.3 | 5429.2 | 5332.3 | 4996.5 | 4400.8 |
| 20° | 4641.7 | 4727.6 | 5009.5 | 5250.4 | 5167.4 | 5053.5 | 5060.5 | 5222.4 | 5403.3 | 5328.3 | 4835.6 |
| 22.5° | 5133.4 | 5208.4 | 5497.2 | 5477.2 | 5093.4 | 4858.6 | 4809.6 | 5035.5 | 5508.2 | 5742.1 | 5298.3 |
| 25° | 5664.1 | 5752.2 | 6084.0 | 5814.1 | 5114.4 | 4742.6 | 4711.6 | 4925.5 | 5617.2 | 6128.9 | 5833.1 |
| 27.5° | 6271.8 | 6357.8 | 6619.7 | 6153.9 | 5224.4 | 4733.6 | 4696.7 | 4915.5 | 5715.1 | 6486.8 | 6343.8 |
| 30° | 6723.6 | 6802.6 | 6980.5 | 6439.8 | 5359.3 | 4793.6 | 4747.6 | 4994.5 | 5799.1 | 6731.6 | 6841.5 |
| 32.5° | 7078.5 | 7160.4 | 7257.4 | 6617.7 | 5537.2 | 4902.5 | 4817.6 | 5138.4 | 5909.1 | 6918.5 | 7210.4 |
| 35° | 7448.3 | 7545.2 | 7538.3 | 6775.6 | 5703.1 | 5028.5 | 4945.5 | 5346.3 | 6082.0 | 7081.5 | 7678.2 |
| 37.5° | 7917.1 | 7956.0 | 7906.0 | 6917.6 | 5902.0 | 5255.3 | 5209.4 | 5655.1 | 6327.8 | 7278.4 | 8224.9 |
| 40° | 8392.8 | 8470.7 | 8213.9 | 7089.4 | 6143.9 | 5682.2 | 5677.1 | 6111.9 | 6619.7 | 7509.2 | 8754.6 |
| 42.5° | 8800.6 | 8866.5 | 8501.7 | 7239.4 | 6436.8 | 6202.9 | 6240.9 | 6724.6 | 7002.5 | 7777.1 | 9180.4 |
| 45° | 9107.5 | 9166.4 | 8767.6 | 7384.3 | 6822.6 | 6804.6 | 7028.4 | 7381.3 | 7485.2 | 8018.0 | 9430.3 |
| 47.5° | 9368.3 | 9425.3 | 8952.5 | 7604.2 | 7299.4 | 7523.2 | 7913.0 | 8066.0 | 7898.0 | 8155.9 | 9710.1 |
| 50° | 9588.2 | 9605.2 | 9079.4 | 7866.1 | 7891.1 | 8403.8 | 8781.6 | 8880.6 | 8305.8 | 8353.8 | 9953.0 |
| 52.5° | 9817.1 | 9795.1 | 9298.4 | 8195.9 | 8530.7 | 9239.4 | 9514.2 | 9617.2 | 8696.6 | 8597.7 | 10306.9 |
| 55° | 10329.8 | 10350.8 | 9789.1 | 8611.7 | 9177.4 | 10060.0 | 10421.8 | 10322.8 | 9129.4 | 9046.5 | 10756.6 |
| 57.5° | 10949.6 | 10931.5 | 10479.8 | 9262.3 | 9836.0 | 10823.6 | 11093.5 | 10934.5 | 9707.2 | 9663.2 | 11212.4 |
| 60° | 11190.4 | 11214.4 | 11057.4 | 9962.0 | 10485.8 | 11492.2 | 11768.1 | 11521.2 | 10399.8 | 10379.8 | 11556.2 |
| 62.5° | 10948.5 | 11083.4 | 11189.4 | 10584.7 | 11039.4 | 11984.0 | 12257.9 | 11976.0 | 11122.4 | 11267.4 | 11797.1 |
| 65° | 10466.8 | 10495.7 | 10856.5 | 11112.4 | 11306.4 | 12064.9 | 12207.9 | 12058.0 | 11726.1 | 12076.0 | 11786.1 |
| 67.5° | 9841.1 | 9866.0 | 10288.9 | 11285.4 | 10962.5 | 11145.4 | 11245.4 | 11201.4 | 11539.2 | 12352.8 | 11243.3 |
| 70° | 9245.4 | 9225.4 | 9672.2 | 10844.6 | 9543.2 | 9265.4 | 9348.3 | 9210.4 | 9957.0 | 11676.2 | 10178.9 |
| 72.5° | 8086.0 | 8157.9 | 8637.7 | 9619.2 | 7556.2 | 7104.5 | 7285.3 | 6928.5 | 7658.1 | 10000.0 | 8261.8 |
| 75° | 6333.8 | 6350.8 | 7151.5 | 8073.0 | 5700.2 | 4987.5 | 5232.4 | 5083.5 | 5866.1 | 8341.8 | 5705.2 |
| 77.5° | 4385.8 | 4347.8 | 5208.4 | 6165.9 | 4064.9 | 3651.2 | 3655.2 | 3584.2 | 4096.0 | 6141.9 | 3876.1 |
| 80° | 2785.6 | 2727.7 | 3260.3 | 3809.1 | 2793.6 | 2988.5 | 2890.5 | 2887.5 | 2666.7 | 3789.1 | 2343.8 |
| 82.5° | 1505.2 | 1569.2 | 2060.0 | 2387.8 | 2004.0 | 2309.8 | 2116.9 | 2055.0 | 1830.1 | 2371.8 | 1499.2 |
| 85° | 685.7 | 745.7 | 1098.5 | 1624.2 | 1522.2 | 1539.2 | 1028.5 | 1213.4 | 1514.2 | 1926.0 | 800.6 |
| 87.5° | 66.9 | 86.0 | 226.9 | 766.6 | 519.8 | 409.8 | 152.9 | 294.9 | 380.8 | 684.7 | 64.0 |
| 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: P647337
 CATALOG NUMBER: GALN-SA3D-835-U-SLL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 |
| 2.5° | 5175.4 | 5123.4 | 4946.5 | 4800.6 | 4645.7 | 4527.7 | 4373.8 | 4270.9 | 4199.9 | 4093.0 | 4080.0 |
| 5° | 4937.5 | 4810.6 | 4502.7 | 4188.9 | 3918.1 | 3714.2 | 3507.2 | 3317.3 | 3205.4 | 3170.4 | 3125.4 |
| 7.5° | 4536.7 | 4322.9 | 3927.1 | 3567.2 | 3256.3 | 2952.5 | 2718.7 | 2552.7 | 2441.8 | 2376.8 | 2298.8 |
| 10° | 4206.9 | 3959.0 | 3477.2 | 3036.5 | 2780.6 | 2591.7 | 2385.8 | 2207.9 | 2071.0 | 1954.1 | 1890.1 |
| 12.5° | 3985.0 | 3705.2 | 3163.4 | 2805.6 | 2607.7 | 2406.8 | 2165.9 | 1966.0 | 1764.1 | 1631.1 | 1574.2 |
| 15° | 3918.1 | 3622.2 | 3066.5 | 2690.6 | 2406.8 | 2143.9 | 1874.0 | 1613.2 | 1413.3 | 1287.3 | 1245.4 |
| 17.5° | 4081.9 | 3724.1 | 3065.4 | 2537.7 | 2170.9 | 1857.0 | 1511.3 | 1266.3 | 1061.4 | 967.6 | 937.6 |
| 20° | 4387.8 | 3920.0 | 3074.4 | 2386.8 | 1915.1 | 1473.3 | 1099.4 | 898.6 | 800.6 | 760.6 | 745.7 |
| 22.5° | 4814.6 | 4218.9 | 3101.5 | 2237.9 | 1635.2 | 1131.4 | 823.6 | 721.6 | 686.7 | 679.6 | 676.7 |
| 25° | 5340.3 | 4588.7 | 3192.4 | 2103.9 | 1399.3 | 863.6 | 688.6 | 642.7 | 622.7 | 615.7 | 614.7 |
| 27.5° | 5824.1 | 5066.5 | 3302.4 | 1989.0 | 1171.4 | 744.6 | 622.7 | 583.7 | 563.7 | 562.7 | 564.7 |
| 30° | 6260.9 | 5466.3 | 3394.3 | 1860.1 | 998.5 | 661.6 | 579.7 | 540.7 | 521.7 | 520.8 | 526.7 |
| 32.5° | 6638.7 | 5795.1 | 3462.3 | 1733.2 | 902.6 | 610.7 | 540.7 | 498.8 | 482.7 | 479.7 | 482.7 |
| 35° | 7042.5 | 6122.9 | 3431.3 | 1634.2 | 847.6 | 568.7 | 511.8 | 470.7 | 451.8 | 442.8 | 442.8 |
| 37.5° | 7503.3 | 6460.8 | 3378.3 | 1552.2 | 822.6 | 533.8 | 486.8 | 446.8 | 427.8 | 418.8 | 417.8 |
| 40° | 8006.0 | 6798.6 | 3305.4 | 1479.2 | 797.6 | 512.7 | 469.8 | 427.8 | 404.8 | 395.8 | 393.8 |
| 42.5° | 8449.7 | 7087.5 | 3245.4 | 1431.2 | 756.6 | 516.8 | 454.8 | 413.8 | 384.8 | 372.8 | 371.8 |
| 45° | 8835.6 | 7378.3 | 3234.4 | 1403.3 | 722.6 | 510.8 | 450.8 | 402.8 | 368.8 | 355.8 | 353.8 |
| 47.5° | 9137.5 | 7681.2 | 3297.4 | 1387.3 | 685.7 | 478.7 | 476.8 | 395.8 | 354.9 | 340.8 | 338.8 |
| 50° | 9505.2 | 8110.9 | 3441.3 | 1354.4 | 651.7 | 448.7 | 503.8 | 394.8 | 343.8 | 325.8 | 320.9 |
| 52.5° | 9995.0 | 8670.6 | 3636.2 | 1295.3 | 602.7 | 420.8 | 480.8 | 394.8 | 330.8 | 312.8 | 306.9 |
| 55° | 10735.6 | 9384.3 | 3827.1 | 1212.4 | 533.8 | 383.8 | 433.8 | 382.8 | 311.9 | 295.8 | 291.8 |
| 57.5° | 11226.3 | 9906.0 | 3949.0 | 1097.5 | 447.8 | 356.8 | 373.8 | 363.8 | 292.8 | 275.9 | 275.9 |
| 60° | 11251.4 | 10046.0 | 3891.0 | 952.5 | 393.8 | 331.8 | 324.9 | 366.8 | 275.9 | 257.8 | 255.9 |
| 62.5° | 10963.5 | 9703.2 | 3589.2 | 822.6 | 364.8 | 304.8 | 293.9 | 321.8 | 258.9 | 240.9 | 237.9 |
| 65° | 10513.7 | 8828.6 | 3065.4 | 760.6 | 348.8 | 280.9 | 264.9 | 263.9 | 240.9 | 223.9 | 219.9 |
| 67.5° | 9687.1 | 7715.1 | 2518.8 | 724.7 | 340.8 | 253.8 | 238.9 | 233.9 | 219.9 | 205.9 | 203.9 |
| 70° | 8468.8 | 6461.8 | 2020.0 | 709.6 | 336.8 | 225.9 | 213.9 | 207.9 | 195.9 | 184.9 | 183.9 |
| 72.5° | 6588.7 | 5241.4 | 1667.2 | 699.6 | 334.8 | 199.9 | 186.9 | 178.9 | 171.9 | 161.9 | 161.9 |
| 75° | 4732.6 | 3856.0 | 1272.4 | 630.7 | 309.8 | 171.9 | 157.9 | 152.9 | 142.9 | 134.9 | 136.9 |
| 77.5° | 2983.5 | 2596.7 | 837.6 | 463.8 | 239.9 | 138.0 | 125.9 | 122.9 | 114.9 | 104.0 | 111.0 |
| 80° | 2015.0 | 1826.1 | 488.7 | 291.8 | 151.0 | 100.9 | 96.9 | 95.9 | 87.0 | 74.9 | 76.0 |
| 82.5° | 1371.3 | 1345.4 | 253.8 | 165.9 | 87.0 | 59.0 | 57.0 | 59.0 | 48.9 | 40.0 | 40.0 |
| 85° | 535.7 | 731.6 | 120.0 | 65.0 | 28.0 | 9.0 | 13.0 | 14.0 | 8.0 | 4.0 | 5.0 |
| 87.5° | 10.0 | 74.9 | 3.0 | 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: P647337
 CATALOG NUMBER: GALN-SA3D-835-U-SLL

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 |
| 2.5° | 4059.9 | 4051.0 | 4066.0 | 4002.0 | 4015.0 | 4038.9 | 4051.0 | 4058.0 | 4156.9 | 4133.9 | 4196.9 |
| 5° | 3167.4 | 3158.4 | 3216.4 | 3224.4 | 3254.4 | 3248.4 | 3277.3 | 3284.4 | 3320.3 | 3333.3 | 3421.3 |
| 7.5° | 2303.8 | 2342.8 | 2408.8 | 2442.8 | 2493.8 | 2509.7 | 2494.7 | 2531.8 | 2456.7 | 2510.8 | 2526.7 |
| 10° | 1851.1 | 1804.1 | 1776.1 | 1854.1 | 1864.1 | 1938.0 | 1908.0 | 1884.1 | 1928.1 | 1930.0 | 1972.0 |
| 12.5° | 1541.3 | 1440.3 | 1373.3 | 1395.3 | 1419.3 | 1451.3 | 1456.3 | 1504.2 | 1536.2 | 1566.2 | 1591.2 |
| 15° | 1208.4 | 1173.4 | 1112.4 | 1082.4 | 1116.4 | 1129.4 | 1160.4 | 1200.4 | 1234.4 | 1243.4 | 1277.4 |
| 17.5° | 927.5 | 933.6 | 923.5 | 905.5 | 926.5 | 936.5 | 938.5 | 939.5 | 948.5 | 942.5 | 992.5 |
| 20° | 746.6 | 767.7 | 792.6 | 796.6 | 803.6 | 808.6 | 799.6 | 765.6 | 766.6 | 787.6 | 803.6 |
| 22.5° | 675.7 | 679.6 | 707.7 | 716.7 | 738.6 | 729.6 | 703.7 | 687.6 | 685.7 | 690.7 | 698.7 |
| 25° | 619.7 | 625.7 | 645.7 | 659.7 | 676.7 | 660.7 | 641.7 | 626.7 | 624.7 | 629.7 | 637.7 |
| 27.5° | 569.7 | 578.7 | 596.7 | 610.7 | 626.7 | 611.7 | 593.7 | 580.7 | 579.7 | 578.7 | 583.7 |
| 30° | 529.7 | 539.7 | 552.7 | 568.7 | 579.7 | 566.7 | 549.7 | 542.7 | 541.8 | 539.7 | 541.8 |
| 32.5° | 489.8 | 505.7 | 518.7 | 526.7 | 537.8 | 527.7 | 514.7 | 510.8 | 503.8 | 497.8 | 494.8 |
| 35° | 444.7 | 461.7 | 481.8 | 491.7 | 502.8 | 492.7 | 483.7 | 466.7 | 454.8 | 453.7 | 455.8 |
| 37.5° | 418.8 | 425.8 | 441.8 | 458.8 | 469.8 | 464.8 | 447.8 | 430.8 | 427.8 | 427.8 | 429.8 |
| 40° | 395.8 | 398.8 | 405.8 | 427.8 | 447.8 | 432.8 | 411.8 | 406.8 | 406.8 | 405.8 | 406.8 |
| 42.5° | 372.8 | 375.8 | 375.8 | 392.8 | 424.8 | 400.8 | 384.8 | 384.8 | 384.8 | 385.8 | 388.8 |
| 45° | 351.8 | 352.8 | 351.8 | 363.8 | 393.8 | 373.8 | 362.8 | 365.8 | 367.9 | 369.8 | 371.8 |
| 47.5° | 333.9 | 334.8 | 333.9 | 343.8 | 358.8 | 350.9 | 344.8 | 348.8 | 352.8 | 355.8 | 357.8 |
| 50° | 317.8 | 316.9 | 318.8 | 324.9 | 331.8 | 333.9 | 329.8 | 335.8 | 337.9 | 341.9 | 346.8 |
| 52.5° | 303.9 | 302.9 | 304.8 | 307.9 | 317.8 | 317.8 | 317.8 | 322.8 | 326.8 | 330.8 | 337.9 |
| 55° | 287.8 | 288.8 | 291.8 | 295.8 | 308.8 | 306.9 | 307.9 | 311.9 | 315.9 | 321.8 | 325.8 |
| 57.5° | 272.9 | 274.8 | 278.8 | 284.9 | 297.9 | 296.8 | 297.9 | 299.8 | 304.8 | 307.9 | 311.9 |
| 60° | 255.9 | 259.9 | 264.9 | 268.9 | 281.9 | 280.9 | 285.9 | 289.9 | 292.8 | 292.8 | 294.9 |
| 62.5° | 238.9 | 244.8 | 249.9 | 252.9 | 266.8 | 267.9 | 274.8 | 277.9 | 279.8 | 277.9 | 280.9 |
| 65° | 221.9 | 230.9 | 232.9 | 236.9 | 250.9 | 251.9 | 259.9 | 266.8 | 264.9 | 262.9 | 267.9 |
| 67.5° | 204.9 | 215.9 | 214.9 | 219.9 | 233.9 | 235.9 | 242.9 | 254.9 | 250.9 | 248.8 | 252.9 |
| 70° | 185.9 | 193.9 | 194.9 | 197.9 | 216.9 | 213.9 | 224.9 | 235.9 | 232.9 | 233.9 | 233.9 |
| 72.5° | 164.9 | 171.9 | 171.9 | 177.9 | 197.9 | 192.9 | 201.9 | 213.9 | 213.9 | 212.9 | 212.9 |
| 75° | 139.9 | 143.9 | 147.9 | 156.9 | 177.9 | 171.9 | 177.9 | 188.9 | 190.9 | 188.9 | 188.9 |
| 77.5° | 112.9 | 118.9 | 121.0 | 133.0 | 147.9 | 146.9 | 152.9 | 157.9 | 161.9 | 159.9 | 159.9 |
| 80° | 79.9 | 86.0 | 94.0 | 107.0 | 116.0 | 118.9 | 121.9 | 125.9 | 127.9 | 127.9 | 129.9 |
| 82.5° | 44.9 | 53.9 | 61.0 | 74.0 | 78.0 | 92.9 | 91.9 | 95.0 | 91.9 | 81.0 | 90.0 |
| 85° | 10.0 | 19.0 | 27.0 | 34.0 | 39.0 | 53.9 | 57.0 | 64.0 | 53.0 | 48.9 | 48.9 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 | 16.0 | 22.0 | 19.0 | 16.0 | 16.0 |
| 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: P647337
 CATALOG NUMBER: GALN-SA3D-835-U-SLL

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 | 4869.6 |
| 2.5° | 4249.9 | 4336.8 | 4441.8 | 4622.7 | 4749.6 | 4886.5 | 5024.5 | 5171.4 | 5210.4 | 5250.4 |
| 5° | 3445.3 | 3616.2 | 3709.1 | 3952.0 | 4206.9 | 4530.8 | 4795.6 | 5085.4 | 5206.4 | 5234.4 |
| 7.5° | 2609.7 | 2725.6 | 2969.5 | 3215.4 | 3531.3 | 3871.1 | 4276.8 | 4728.6 | 4869.6 | 4928.5 |
| 10° | 2069.0 | 2226.9 | 2440.8 | 2704.6 | 2981.5 | 3347.3 | 3805.1 | 4332.8 | 4532.7 | 4565.7 |
| 12.5° | 1761.1 | 1937.1 | 2169.9 | 2448.8 | 2710.7 | 2986.5 | 3448.3 | 3993.0 | 4206.9 | 4277.8 |
| 15° | 1408.3 | 1621.2 | 1890.1 | 2183.9 | 2468.8 | 2770.6 | 3238.4 | 3853.1 | 4099.9 | 4182.9 |
| 17.5° | 1106.5 | 1278.3 | 1569.2 | 1888.0 | 2225.9 | 2607.7 | 3194.4 | 3920.0 | 4223.9 | 4300.9 |
| 20° | 846.6 | 969.5 | 1214.4 | 1551.2 | 1947.0 | 2446.8 | 3205.4 | 4172.9 | 4536.7 | 4641.7 |
| 22.5° | 731.6 | 794.6 | 943.5 | 1264.4 | 1707.2 | 2306.9 | 3250.4 | 4519.7 | 4958.5 | 5133.4 |
| 25° | 662.7 | 695.6 | 779.6 | 989.5 | 1478.2 | 2170.9 | 3353.4 | 4986.5 | 5548.2 | 5664.1 |
| 27.5° | 603.7 | 627.7 | 679.6 | 830.6 | 1270.3 | 2045.0 | 3473.2 | 5504.3 | 6098.9 | 6271.8 |
| 30° | 547.7 | 579.7 | 628.7 | 737.7 | 1137.5 | 1930.0 | 3624.2 | 5924.0 | 6562.7 | 6723.6 |
| 32.5° | 504.7 | 536.7 | 581.7 | 672.7 | 1024.5 | 1809.1 | 3714.2 | 6292.8 | 6941.5 | 7078.5 |
| 35° | 469.8 | 496.7 | 543.7 | 620.7 | 938.5 | 1717.1 | 3696.2 | 6585.7 | 7308.4 | 7448.3 |
| 37.5° | 444.7 | 467.8 | 514.7 | 571.7 | 873.6 | 1621.2 | 3687.1 | 6972.5 | 7755.1 | 7917.1 |
| 40° | 421.8 | 445.8 | 488.7 | 539.7 | 808.6 | 1508.2 | 3692.2 | 7356.3 | 8230.9 | 8392.8 |
| 42.5° | 403.8 | 430.8 | 465.7 | 530.7 | 741.7 | 1417.3 | 3692.2 | 7690.2 | 8644.6 | 8800.6 |
| 45° | 388.8 | 417.8 | 451.8 | 529.7 | 688.6 | 1348.3 | 3667.2 | 7977.0 | 8974.5 | 9107.5 |
| 47.5° | 375.8 | 407.8 | 456.8 | 511.8 | 675.7 | 1298.4 | 3645.2 | 8206.9 | 9243.4 | 9368.3 |
| 50° | 366.8 | 404.8 | 485.8 | 490.8 | 679.6 | 1283.3 | 3751.1 | 8496.7 | 9480.3 | 9588.2 |
| 52.5° | 359.8 | 405.8 | 484.8 | 459.8 | 672.7 | 1293.4 | 3972.0 | 8949.5 | 9809.1 | 9817.1 |
| 55° | 345.9 | 404.8 | 459.8 | 424.8 | 643.7 | 1310.4 | 4255.8 | 9607.2 | 10323.9 | 10329.8 |
| 57.5° | 331.8 | 393.8 | 426.8 | 394.8 | 584.7 | 1310.4 | 4597.7 | 10229.9 | 10944.5 | 10949.6 |
| 60° | 317.8 | 409.8 | 374.8 | 368.8 | 507.8 | 1286.4 | 4958.5 | 10503.7 | 11139.4 | 11190.4 |
| 62.5° | 303.9 | 412.8 | 334.8 | 345.9 | 451.8 | 1228.4 | 5227.4 | 10200.9 | 10875.6 | 10948.5 |
| 65° | 287.8 | 332.9 | 308.8 | 321.8 | 422.8 | 1131.4 | 5142.4 | 9646.2 | 10379.8 | 10466.8 |
| 67.5° | 268.9 | 281.9 | 280.9 | 296.8 | 412.8 | 988.5 | 4694.6 | 8944.5 | 9846.1 | 9841.1 |
| 70° | 245.9 | 252.9 | 255.9 | 272.9 | 393.8 | 877.6 | 3912.0 | 8034.0 | 9133.5 | 9245.4 |
| 72.5° | 221.9 | 227.9 | 230.9 | 245.9 | 374.8 | 814.6 | 3036.5 | 6779.6 | 7911.0 | 8086.0 |
| 75° | 195.9 | 199.9 | 203.9 | 216.9 | 354.9 | 721.6 | 2162.9 | 5175.4 | 6058.9 | 6333.8 |
| 77.5° | 168.9 | 168.9 | 173.9 | 186.9 | 298.9 | 595.7 | 1451.3 | 3630.1 | 4105.0 | 4385.8 |
| 80° | 136.9 | 138.0 | 135.9 | 149.9 | 219.9 | 407.8 | 824.6 | 2424.8 | 2731.7 | 2785.6 |
| 82.5° | 104.9 | 101.9 | 103.0 | 109.9 | 163.9 | 277.9 | 439.8 | 1506.3 | 1535.2 | 1505.2 |
| 85° | 65.9 | 65.9 | 64.0 | 72.0 | 104.9 | 144.9 | 239.9 | 922.5 | 720.7 | 685.7 |
| 87.5° | 27.0 | 22.0 | 25.0 | 29.0 | 50.0 | 59.0 | 94.0 | 189.9 | 73.0 | 66.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)