

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: P533750

Luminaire Tested: **GALN-SA9B-722-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P533750
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA9B-722-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 2200K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28242 lumens
Efficiency: N/A
Efficacy: 77.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

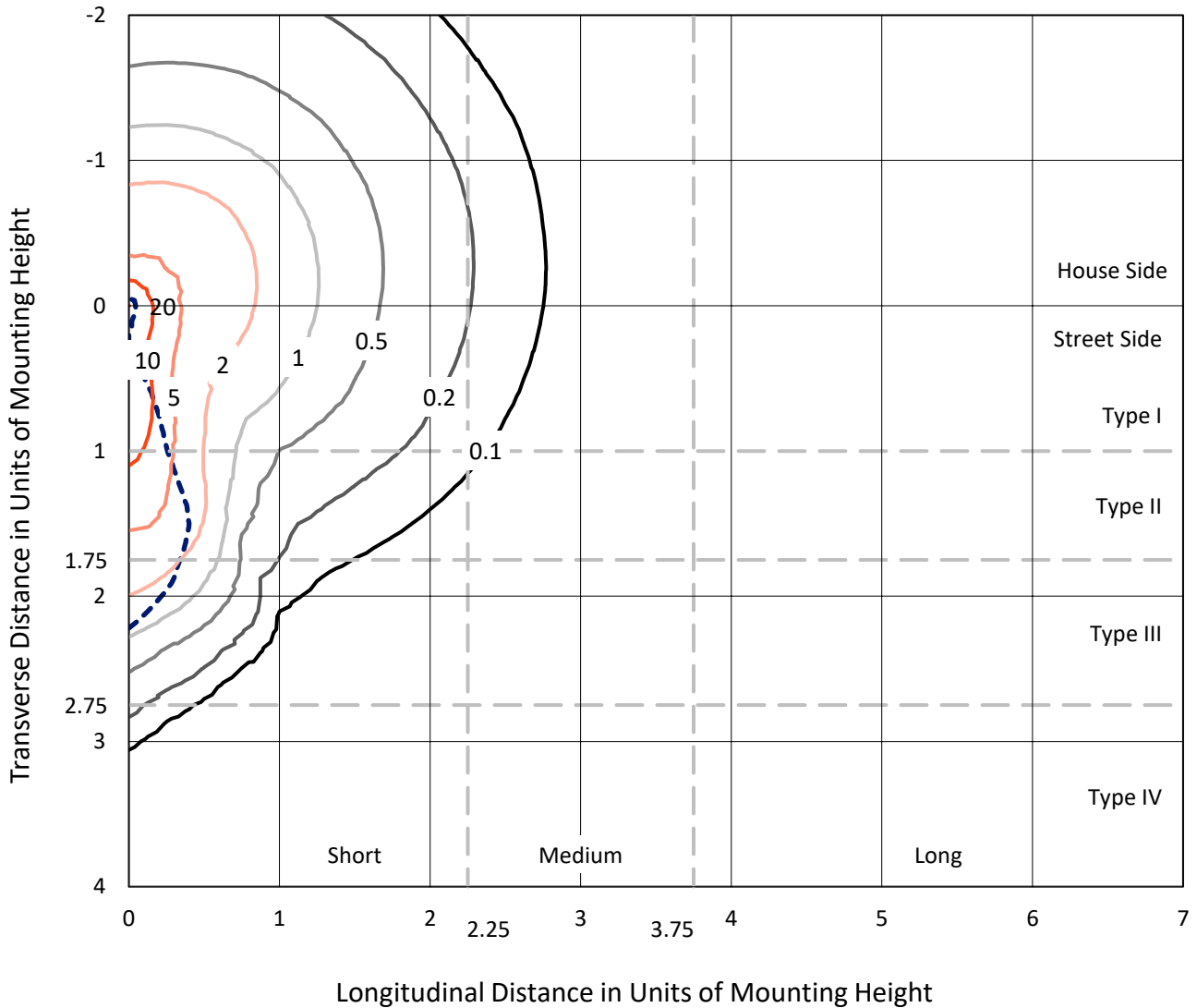
Input Watts (W): 364
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P533750
 CATALOG NUMBER: GALN-SA9B-722-U-SLR-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

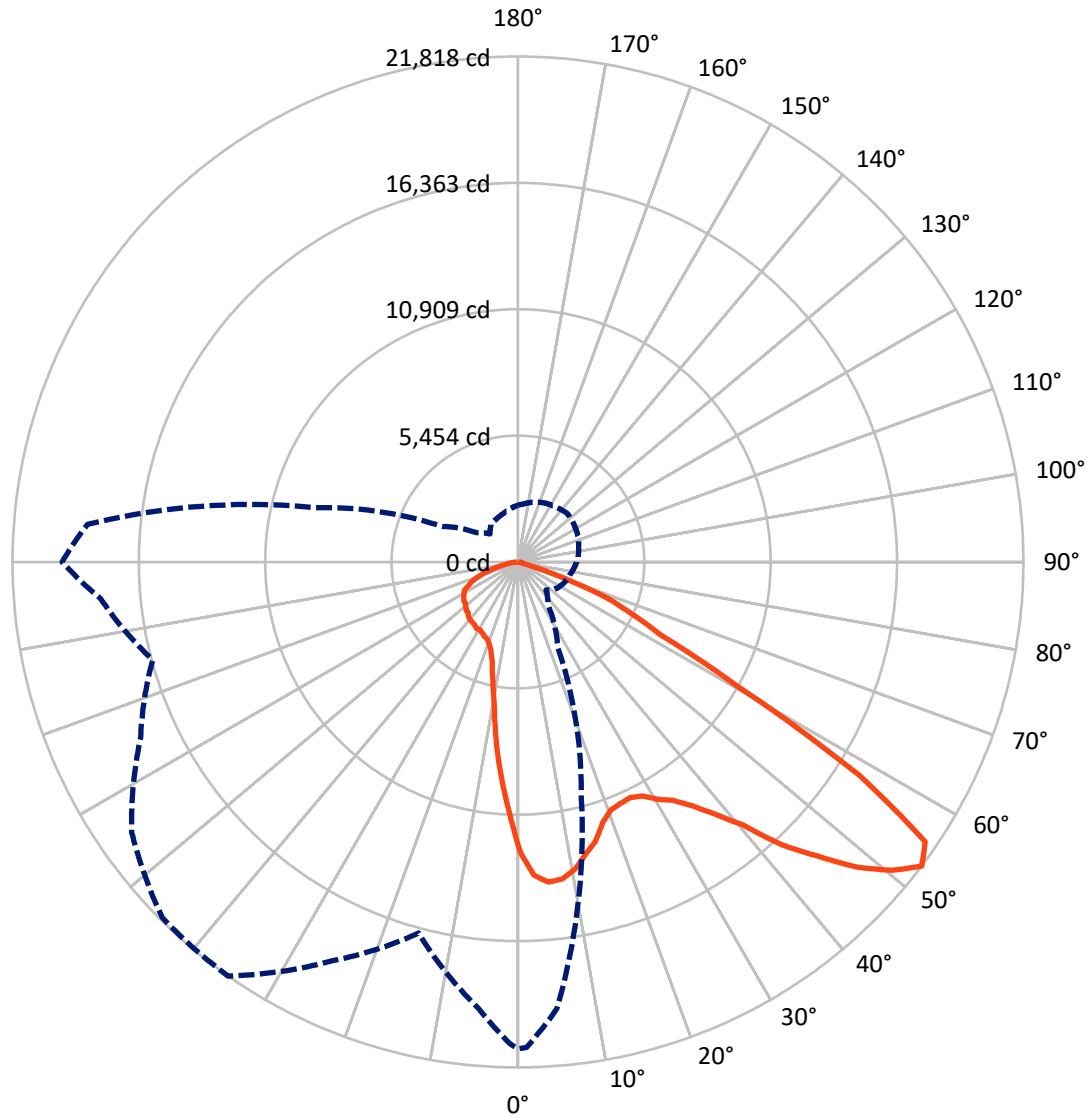
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.1 fc
 Type III - Short - N/A

REPORT NUMBER: P533750
CATALOG NUMBER: GALN-SA9B-722-U-SLR-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

REPORT NUMBER: P533750
 CATALOG NUMBER: GALN-SA9B-722-U-SLR-GRSWH

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 8513.8 | 0.0 | 8513.8 |
| | % Fixture | 30.1 | 0.0 | 30.1 |
| Street Side | Lumens | 19728.2 | 0.0 | 19728.2 |
| | % Fixture | 69.9 | 0.0 | 69.9 |
| Total | Lumens | 28242.0 | 0.0 | 28242.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 956.2 | 3.4 |
| 10°-20° | 2073.0 | 7.3 |
| 20°-30° | 3132.1 | 11.1 |
| 30°-40° | 4526.0 | 16.0 |
| 40°-50° | 6023.3 | 21.3 |
| 50°-60° | 6737.2 | 23.9 |
| 60°-70° | 3797.0 | 13.4 |
| 70°-80° | 846.4 | 3.0 |
| 80°-90° | 150.7 | 0.5 |
| 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° | 28242.0 | 100.0 |
| 0°-180° | 28242.0 | 100.0 |

Coefficient of Utilization



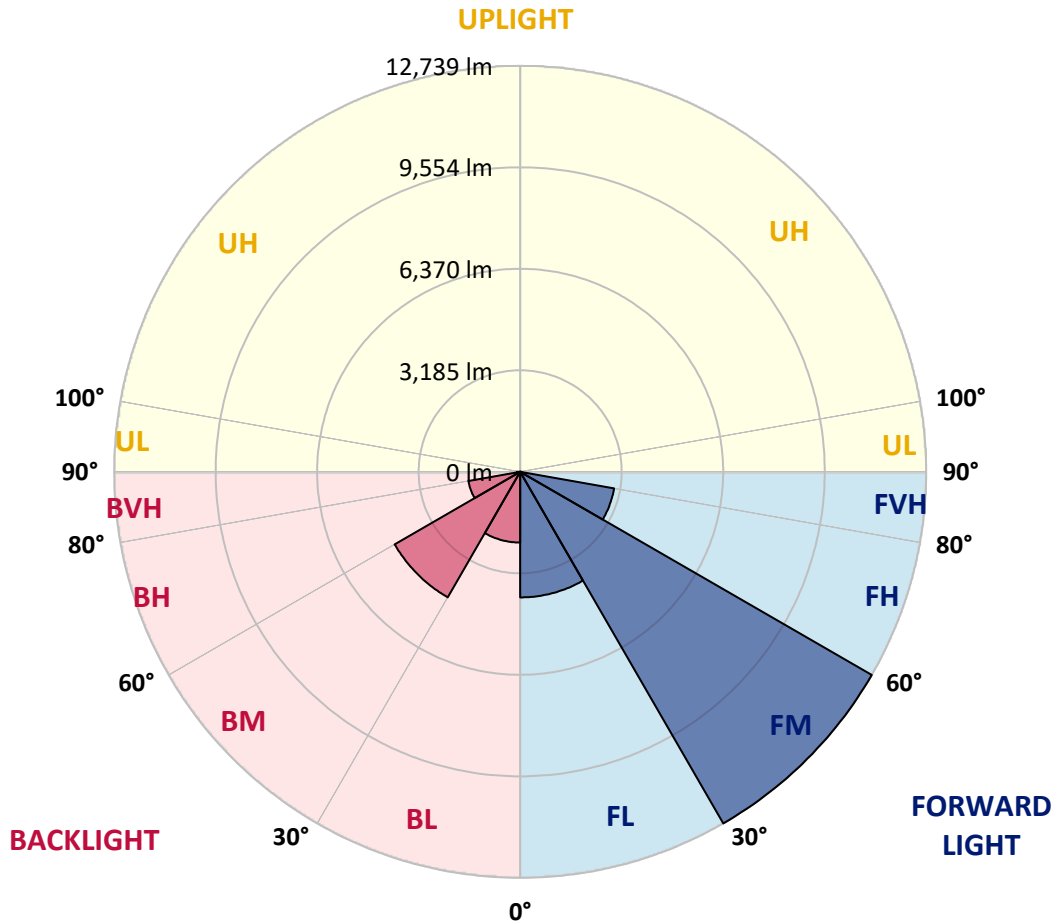
REPORT NUMBER: P533750
 CATALOG NUMBER: GALN-SA9B-722-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 3941.1 | 14.0 | | | |
| FM (30°-60°) | 12739.3 | 45.1 | | | |
| FH (60°-80°) | 2993.2 | 10.6 | | | G2/5000 |
| FVH (80°-90°) | 54.6 | 0.2 | | | G1/100 |
| BL (0°-30°) | 2220.2 | 7.9 | B3/2500 | | |
| BM (30°-60°) | 4547.2 | 16.1 | B3/5000 | | |
| BH (60°-80°) | 1650.2 | 5.8 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 96.1 | 0.3 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G3

Type III Short





REPORT NUMBER: P533750

CATALOG NUMBER: GALN-SA9B-722-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 |
| 2.5° | 12742.7 | 12947.4 | 12726.4 | 12333.4 | 12055.0 | 11801.3 | 11535.2 | 11482.0 | 11134.0 | 11072.6 | 10818.8 |
| 5° | 12018.2 | 11973.2 | 11703.0 | 11187.2 | 10618.3 | 10102.5 | 9721.8 | 9353.4 | 9103.7 | 8813.1 | 8792.6 |
| 7.5° | 11138.1 | 10876.1 | 10720.6 | 9938.8 | 9234.7 | 8424.2 | 8076.3 | 7515.5 | 7339.5 | 7077.5 | 6942.4 |
| 10° | 10352.2 | 10159.8 | 9795.5 | 9013.7 | 8031.2 | 7495.0 | 7122.5 | 6819.6 | 6614.9 | 6344.8 | 6005.0 |
| 12.5° | 9963.3 | 9885.5 | 9476.2 | 8264.6 | 7535.9 | 6962.9 | 6700.9 | 6406.2 | 6058.2 | 5624.3 | 5456.5 |
| 15° | 10032.9 | 9770.9 | 9459.8 | 8121.3 | 7114.3 | 6561.7 | 6144.2 | 5775.8 | 5329.6 | 4916.2 | 4674.7 |
| 17.5° | 10552.8 | 10352.2 | 9730.0 | 8211.3 | 6954.7 | 6156.5 | 5399.2 | 4854.8 | 4453.6 | 4081.1 | 3913.3 |
| 20° | 11576.1 | 11285.5 | 10585.5 | 8326.0 | 6610.8 | 5591.6 | 4723.8 | 4052.5 | 3622.7 | 3426.2 | 3368.9 |
| 22.5° | 12710.0 | 12538.1 | 11420.6 | 8583.8 | 6336.6 | 5067.6 | 4007.4 | 3336.1 | 3176.5 | 3123.3 | 3229.7 |
| 25° | 14089.5 | 13643.3 | 12718.2 | 9005.5 | 6123.7 | 4621.4 | 3401.6 | 3029.1 | 2947.2 | 3000.5 | 3123.3 |
| 27.5° | 15137.4 | 15018.7 | 13626.9 | 9402.5 | 5833.1 | 4085.2 | 3061.9 | 2816.3 | 2840.8 | 2894.0 | 3008.6 |
| 30° | 16381.8 | 15780.0 | 14507.0 | 9676.8 | 5571.1 | 3716.8 | 2824.4 | 2758.9 | 2783.5 | 2873.6 | 2930.9 |
| 32.5° | 17130.9 | 16905.7 | 15059.6 | 10090.2 | 5268.2 | 3397.5 | 2640.2 | 2578.8 | 2615.7 | 2750.8 | 2885.8 |
| 35° | 18084.6 | 17638.4 | 15743.2 | 10196.6 | 5055.3 | 3270.6 | 2509.3 | 2464.2 | 2550.2 | 2644.3 | 2795.8 |
| 37.5° | 19198.0 | 18891.0 | 16688.8 | 10123.0 | 4940.7 | 3139.6 | 2398.7 | 2378.3 | 2439.7 | 2570.7 | 2746.7 |
| 40° | 19857.1 | 19762.9 | 17184.1 | 10168.0 | 4760.6 | 3025.0 | 2271.8 | 2296.4 | 2423.3 | 2525.6 | 2697.5 |
| 42.5° | 20491.5 | 19877.5 | 17916.8 | 10151.6 | 4646.0 | 2869.5 | 2284.1 | 2255.5 | 2353.7 | 2472.4 | 2636.1 |
| 45° | 20630.7 | 20020.8 | 18088.7 | 10037.0 | 4506.8 | 2718.0 | 2190.0 | 2202.2 | 2321.0 | 2468.3 | 2574.7 |
| 47.5° | 20540.7 | 20090.4 | 18408.0 | 10004.3 | 4375.8 | 2611.6 | 2050.8 | 2198.2 | 2267.7 | 2386.4 | 2537.9 |
| 50° | 20479.3 | 20454.7 | 18678.2 | 10159.8 | 4199.8 | 2443.8 | 1883.0 | 2144.9 | 2214.5 | 2333.2 | 2497.0 |
| 52.5° | 21019.6 | 20966.4 | 19353.6 | 10569.1 | 4060.6 | 2263.6 | 1711.0 | 2009.9 | 2177.7 | 2292.3 | 2451.9 |
| 55° | 21347.1 | 21113.7 | 20512.0 | 11072.6 | 3827.3 | 2026.2 | 1592.3 | 1842.0 | 2087.6 | 2190.0 | 2353.7 |
| 57.5° | 19202.1 | 19042.5 | 18555.4 | 10335.8 | 3434.4 | 1715.1 | 1445.0 | 1670.1 | 1964.8 | 2124.5 | 2292.3 |
| 60° | 15976.5 | 15726.8 | 14478.3 | 8784.4 | 2533.8 | 1334.4 | 1354.9 | 1535.0 | 1932.1 | 1993.5 | 2190.0 |
| 62.5° | 15063.7 | 14445.6 | 12746.8 | 7069.3 | 1944.4 | 1146.2 | 1215.7 | 1412.2 | 1760.2 | 1862.5 | 2059.0 |
| 65° | 11952.7 | 11494.3 | 9120.1 | 5104.5 | 1301.7 | 994.7 | 1109.3 | 1273.0 | 1518.6 | 1719.2 | 1899.3 |
| 67.5° | 7482.7 | 7044.7 | 4867.0 | 2415.1 | 908.7 | 851.4 | 990.6 | 1162.5 | 1363.1 | 1543.2 | 1743.8 |
| 70° | 3909.2 | 3430.3 | 2247.3 | 871.9 | 626.3 | 695.9 | 826.9 | 990.6 | 1187.1 | 1334.4 | 1490.0 |
| 72.5° | 1457.2 | 1183.0 | 732.7 | 376.6 | 433.9 | 532.1 | 671.3 | 790.0 | 929.2 | 1109.3 | 1195.3 |
| 75° | 225.1 | 192.4 | 188.3 | 229.2 | 294.7 | 384.8 | 478.9 | 597.6 | 720.4 | 835.1 | 892.4 |
| 77.5° | 106.4 | 102.3 | 114.6 | 151.5 | 196.5 | 274.3 | 347.9 | 462.6 | 560.8 | 634.5 | 667.2 |
| 80° | 69.6 | 65.5 | 73.7 | 102.3 | 147.4 | 204.7 | 278.4 | 356.1 | 446.2 | 507.6 | 499.4 |
| 82.5° | 40.9 | 45.0 | 45.0 | 69.6 | 102.3 | 147.4 | 200.6 | 270.2 | 331.6 | 384.8 | 352.0 |
| 85° | 24.6 | 20.5 | 20.5 | 40.9 | 69.6 | 118.7 | 167.8 | 114.6 | 118.7 | 118.7 | 135.1 |
| 87.5° | 8.2 | 8.2 | 8.2 | 4.1 | 8.2 | 8.2 | 12.3 | 20.5 | 24.6 | 28.7 | 36.8 |
| 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: P533750

CATALOG NUMBER: GALN-SA9B-722-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 |
| 2.5° | 10810.7 | 10937.5 | 10892.5 | 10732.9 | 10855.7 | 10876.1 | 10794.3 | 11076.7 | 11129.9 | 11044.0 | 11068.5 |
| 5° | 8764.0 | 8796.7 | 8870.4 | 9025.9 | 9136.5 | 9267.4 | 9267.4 | 9275.6 | 9165.1 | 9443.5 | 9361.6 |
| 7.5° | 6827.8 | 6848.2 | 6934.2 | 7265.8 | 7359.9 | 7609.6 | 7716.0 | 7642.4 | 7421.3 | 7327.2 | 7405.0 |
| 10° | 5894.5 | 5775.8 | 5747.1 | 5788.1 | 6000.9 | 6107.3 | 6197.4 | 6172.8 | 6136.0 | 6062.3 | 5980.4 |
| 12.5° | 5272.3 | 5186.3 | 5116.7 | 5018.5 | 5030.8 | 5133.1 | 5202.7 | 5145.4 | 5161.8 | 5178.1 | 5202.7 |
| 15° | 4596.9 | 4535.5 | 4498.6 | 4351.3 | 4334.9 | 4404.5 | 4429.1 | 4461.8 | 4523.2 | 4527.3 | 4498.6 |
| 17.5° | 3880.5 | 3827.3 | 3909.2 | 3991.1 | 3933.8 | 3937.8 | 3982.9 | 4011.5 | 3995.2 | 3921.5 | 3884.6 |
| 20° | 3389.3 | 3446.6 | 3528.5 | 3606.3 | 3667.7 | 3704.5 | 3720.9 | 3675.9 | 3622.7 | 3471.2 | 3467.1 |
| 22.5° | 3246.1 | 3319.7 | 3389.3 | 3508.0 | 3565.3 | 3659.5 | 3573.5 | 3471.2 | 3397.5 | 3323.8 | 3237.9 |
| 25° | 3139.6 | 3201.0 | 3340.2 | 3385.2 | 3495.8 | 3573.5 | 3512.1 | 3409.8 | 3282.9 | 3176.5 | 3111.0 |
| 27.5° | 3061.9 | 3131.4 | 3221.5 | 3344.3 | 3430.3 | 3475.3 | 3413.9 | 3373.0 | 3242.0 | 3115.1 | 3020.9 |
| 30° | 3012.7 | 3086.4 | 3250.2 | 3352.5 | 3426.2 | 3463.0 | 3356.6 | 3307.5 | 3213.3 | 3106.9 | 3025.0 |
| 32.5° | 2980.0 | 3045.5 | 3184.7 | 3315.6 | 3364.8 | 3364.8 | 3381.1 | 3323.8 | 3192.8 | 3012.7 | 2943.2 |
| 35° | 2873.6 | 2963.6 | 3078.2 | 3229.7 | 3319.7 | 3373.0 | 3291.1 | 3225.6 | 3139.6 | 2955.4 | 2828.5 |
| 37.5° | 2812.2 | 2873.6 | 3020.9 | 3164.2 | 3242.0 | 3299.3 | 3266.5 | 3151.9 | 3037.3 | 2885.8 | 2783.5 |
| 40° | 2746.7 | 2844.9 | 2975.9 | 3111.0 | 3196.9 | 3254.2 | 3229.7 | 3094.6 | 2955.4 | 2812.2 | 2742.6 |
| 42.5° | 2701.6 | 2767.1 | 2902.2 | 3053.7 | 3156.0 | 3266.5 | 3192.8 | 3025.0 | 2926.8 | 2730.3 | 2652.5 |
| 45° | 2664.8 | 2771.2 | 2914.5 | 2975.9 | 3082.3 | 3196.9 | 3066.0 | 2963.6 | 2849.0 | 2705.7 | 2640.2 |
| 47.5° | 2619.8 | 2718.0 | 2812.2 | 2975.9 | 3025.0 | 3078.2 | 3053.7 | 2889.9 | 2791.7 | 2636.1 | 2591.1 |
| 50° | 2603.4 | 2640.2 | 2812.2 | 2902.2 | 2971.8 | 3025.0 | 2959.5 | 2836.7 | 2742.6 | 2582.9 | 2484.7 |
| 52.5° | 2537.9 | 2607.5 | 2718.0 | 2836.7 | 2922.7 | 2988.2 | 2881.7 | 2804.0 | 2677.1 | 2509.3 | 2447.8 |
| 55° | 2456.0 | 2497.0 | 2693.5 | 2816.3 | 2861.3 | 2906.3 | 2865.4 | 2738.5 | 2607.5 | 2435.6 | 2374.2 |
| 57.5° | 2349.6 | 2443.8 | 2603.4 | 2775.3 | 2832.6 | 2857.2 | 2791.7 | 2689.4 | 2525.6 | 2374.2 | 2275.9 |
| 60° | 2239.1 | 2337.3 | 2513.3 | 2652.5 | 2709.8 | 2799.9 | 2701.6 | 2640.2 | 2451.9 | 2284.1 | 2177.7 |
| 62.5° | 2128.6 | 2239.1 | 2370.1 | 2546.1 | 2595.2 | 2632.1 | 2607.5 | 2521.5 | 2370.1 | 2181.8 | 2050.8 |
| 65° | 1997.6 | 2079.4 | 2243.2 | 2333.2 | 2366.0 | 2451.9 | 2366.0 | 2333.2 | 2198.2 | 2018.0 | 1907.5 |
| 67.5° | 1801.1 | 1870.7 | 2013.9 | 2099.9 | 2124.5 | 2161.3 | 2157.2 | 2120.4 | 1968.9 | 1846.1 | 1747.9 |
| 70° | 1576.0 | 1637.4 | 1727.4 | 1829.7 | 1842.0 | 1887.1 | 1846.1 | 1837.9 | 1739.7 | 1571.9 | 1518.6 |
| 72.5° | 1264.9 | 1322.2 | 1440.9 | 1485.9 | 1490.0 | 1506.4 | 1485.9 | 1457.2 | 1432.7 | 1256.7 | 1203.5 |
| 75° | 970.1 | 1002.9 | 1060.2 | 1101.1 | 1101.1 | 1121.6 | 1109.3 | 1080.7 | 1015.2 | 904.6 | 851.4 |
| 77.5° | 675.4 | 708.2 | 781.8 | 806.4 | 802.3 | 810.5 | 773.7 | 745.0 | 646.8 | 589.4 | 544.4 |
| 80° | 491.2 | 511.7 | 548.5 | 564.9 | 569.0 | 581.3 | 536.2 | 511.7 | 454.4 | 388.9 | 368.4 |
| 82.5° | 356.1 | 368.4 | 372.5 | 393.0 | 393.0 | 372.5 | 360.2 | 335.7 | 294.7 | 253.8 | 237.4 |
| 85° | 147.4 | 151.5 | 155.5 | 180.1 | 184.2 | 221.0 | 204.7 | 192.4 | 167.8 | 143.3 | 131.0 |
| 87.5° | 36.8 | 40.9 | 53.2 | 45.0 | 53.2 | 53.2 | 57.3 | 65.5 | 65.5 | 53.2 | 53.2 |
| 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: P533750

CATALOG NUMBER: GALN-SA9B-722-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 |
| 2.5° | 11162.7 | 11195.4 | 11613.0 | 11666.2 | 11870.8 | 12079.6 | 12501.2 | 12804.1 | 13049.7 | 13209.4 | 13254.4 |
| 5° | 9447.6 | 9656.3 | 9848.7 | 10159.8 | 10442.2 | 10843.4 | 11306.0 | 11879.0 | 12599.5 | 12967.9 | 13115.2 |
| 7.5° | 7396.8 | 7642.4 | 7920.7 | 8223.6 | 8637.1 | 9357.5 | 9975.6 | 10638.7 | 11559.7 | 11940.4 | 12517.6 |
| 10° | 6037.8 | 6312.0 | 6680.4 | 6913.7 | 7413.1 | 8100.8 | 8821.3 | 9586.7 | 10466.8 | 11015.3 | 11682.5 |
| 12.5° | 5337.8 | 5562.9 | 5902.7 | 6393.9 | 6766.4 | 7212.6 | 7748.8 | 8714.8 | 9975.6 | 10495.5 | 10953.9 |
| 15° | 4564.1 | 4813.8 | 5206.8 | 5751.2 | 6197.4 | 6729.5 | 7331.3 | 8383.3 | 9725.9 | 10528.2 | 10917.1 |
| 17.5° | 3925.6 | 4105.7 | 4519.1 | 4989.8 | 5501.5 | 6082.8 | 6946.5 | 8366.9 | 9987.9 | 11015.3 | 11649.8 |
| 20° | 3483.5 | 3508.0 | 3733.2 | 4134.3 | 4830.2 | 5587.5 | 6709.1 | 8285.0 | 10827.0 | 11854.5 | 12656.8 |
| 22.5° | 3205.1 | 3180.6 | 3184.7 | 3524.4 | 4011.5 | 5100.4 | 6336.6 | 8563.4 | 11780.8 | 13188.9 | 13729.2 |
| 25° | 3066.0 | 3000.5 | 2959.5 | 3033.2 | 3475.3 | 4523.2 | 6054.1 | 8931.8 | 12808.2 | 14290.0 | 14953.2 |
| 27.5° | 2992.3 | 2877.7 | 2795.8 | 2808.1 | 3131.4 | 4232.6 | 5878.1 | 9091.4 | 13827.5 | 15825.1 | 16058.4 |
| 30° | 2963.6 | 2820.3 | 2701.6 | 2660.7 | 2873.6 | 3827.3 | 5501.5 | 9365.7 | 14740.3 | 16668.3 | 16868.9 |
| 32.5° | 2861.3 | 2685.3 | 2570.7 | 2533.8 | 2619.8 | 3471.2 | 5231.4 | 9562.2 | 15546.7 | 17585.2 | 17515.6 |
| 35° | 2742.6 | 2595.2 | 2451.9 | 2382.4 | 2443.8 | 3242.0 | 5014.4 | 9468.0 | 16496.4 | 18297.5 | 18260.6 |
| 37.5° | 2730.3 | 2537.9 | 2419.2 | 2304.6 | 2300.5 | 2959.5 | 4719.7 | 9558.1 | 17102.2 | 19574.6 | 19071.1 |
| 40° | 2623.9 | 2501.1 | 2345.5 | 2251.4 | 2198.2 | 2816.3 | 4433.1 | 9345.2 | 17990.5 | 20090.4 | 19595.1 |
| 42.5° | 2628.0 | 2443.8 | 2308.7 | 2198.2 | 2144.9 | 2607.5 | 4236.7 | 9287.9 | 18301.6 | 20929.5 | 19840.7 |
| 45° | 2562.5 | 2382.4 | 2267.7 | 2136.8 | 2108.1 | 2447.8 | 4048.4 | 9021.8 | 18850.1 | 20970.5 | 19533.7 |
| 47.5° | 2497.0 | 2337.3 | 2214.5 | 2059.0 | 1993.5 | 2390.5 | 3901.0 | 8800.8 | 18563.5 | 20585.7 | 19108.0 |
| 50° | 2451.9 | 2267.7 | 2153.1 | 2042.6 | 1858.4 | 2292.3 | 3708.6 | 8747.6 | 18162.4 | 20065.8 | 18317.9 |
| 52.5° | 2374.2 | 2210.4 | 2091.7 | 2005.8 | 1711.0 | 2202.2 | 3634.9 | 9058.7 | 18653.6 | 19676.9 | 18088.7 |
| 55° | 2300.5 | 2132.7 | 1981.2 | 1813.4 | 1588.2 | 1964.8 | 3430.3 | 9349.3 | 19369.9 | 20573.4 | 19128.4 |
| 57.5° | 2222.7 | 2063.1 | 1899.3 | 1698.8 | 1469.5 | 1719.2 | 3217.4 | 9402.5 | 18027.3 | 19013.8 | 18158.3 |
| 60° | 2120.4 | 1915.7 | 1792.9 | 1530.9 | 1342.6 | 1424.5 | 2550.2 | 8289.1 | 13983.0 | 15878.3 | 15906.9 |
| 62.5° | 2005.8 | 1784.7 | 1678.3 | 1371.3 | 1211.6 | 1228.0 | 2079.4 | 6967.0 | 11342.8 | 13143.9 | 13925.7 |
| 65° | 1854.3 | 1641.5 | 1514.6 | 1269.0 | 1117.5 | 1064.3 | 1522.7 | 5104.5 | 8616.6 | 10663.3 | 11551.6 |
| 67.5° | 1657.8 | 1457.2 | 1297.6 | 1105.2 | 998.8 | 912.8 | 1039.7 | 2873.6 | 5088.1 | 7159.3 | 7429.5 |
| 70° | 1449.1 | 1277.1 | 1109.3 | 949.7 | 831.0 | 769.6 | 761.4 | 1273.0 | 2431.5 | 3851.9 | 4384.0 |
| 72.5° | 1142.1 | 1019.3 | 884.2 | 765.5 | 687.7 | 597.6 | 544.4 | 528.0 | 822.8 | 1567.8 | 2165.4 |
| 75° | 818.7 | 716.3 | 638.6 | 560.8 | 503.5 | 454.4 | 413.4 | 376.6 | 343.8 | 393.0 | 540.3 |
| 77.5° | 515.8 | 478.9 | 417.5 | 397.1 | 364.3 | 352.0 | 335.7 | 315.2 | 290.6 | 274.3 | 274.3 |
| 80° | 347.9 | 323.4 | 302.9 | 298.8 | 286.5 | 282.4 | 286.5 | 266.1 | 241.5 | 221.0 | 229.2 |
| 82.5° | 233.3 | 229.2 | 225.1 | 221.0 | 225.1 | 229.2 | 237.4 | 233.3 | 212.9 | 200.6 | 204.7 |
| 85° | 139.2 | 147.4 | 155.5 | 163.7 | 180.1 | 159.6 | 131.0 | 110.5 | 98.2 | 90.1 | 86.0 |
| 87.5° | 53.2 | 73.7 | 65.5 | 61.4 | 65.5 | 61.4 | 57.3 | 53.2 | 45.0 | 40.9 | 40.9 |
| 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: P533750

CATALOG NUMBER: GALN-SA9B-722-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 | 12534.0 |
| 2.5° | 13553.2 | 13635.1 | 13704.7 | 13688.3 | 13545.0 | 13352.7 | 13274.9 | 12877.8 | 12796.0 | 12742.7 |
| 5° | 13737.4 | 14212.3 | 14314.6 | 14253.2 | 13880.7 | 13410.0 | 12951.5 | 12370.2 | 12030.5 | 12018.2 |
| 7.5° | 13397.7 | 13983.0 | 14167.2 | 14306.4 | 13811.1 | 12992.4 | 12206.5 | 11334.6 | 11121.8 | 11138.1 |
| 10° | 12534.0 | 13467.3 | 13921.6 | 14064.9 | 13495.9 | 12787.8 | 11698.9 | 10814.7 | 10360.4 | 10352.2 |
| 12.5° | 12055.0 | 12787.8 | 12914.7 | 13115.2 | 12947.4 | 12231.1 | 11404.2 | 10413.6 | 9971.5 | 9963.3 |
| 15° | 11629.3 | 12112.4 | 12149.2 | 12431.6 | 12521.7 | 12038.7 | 11482.0 | 10425.9 | 10069.7 | 10032.9 |
| 17.5° | 12001.8 | 11666.2 | 11527.0 | 11563.8 | 11829.9 | 12005.9 | 11932.2 | 11121.8 | 10757.4 | 10552.8 |
| 20° | 12251.5 | 11502.4 | 11080.8 | 11121.8 | 11436.9 | 12079.6 | 12603.6 | 12128.7 | 11551.6 | 11576.1 |
| 22.5° | 12918.8 | 11527.0 | 10868.0 | 10822.9 | 11322.3 | 12464.4 | 13360.8 | 13401.8 | 12845.1 | 12710.0 |
| 25° | 13917.5 | 11809.4 | 10802.5 | 10790.2 | 11269.1 | 12877.8 | 14245.0 | 14908.1 | 14339.2 | 14089.5 |
| 27.5° | 14719.8 | 12251.5 | 11007.1 | 11048.1 | 11436.9 | 13213.5 | 14998.2 | 15878.3 | 15444.4 | 15137.4 |
| 30° | 15423.9 | 12710.0 | 11293.7 | 11105.4 | 11887.2 | 13389.5 | 15321.6 | 16983.5 | 16635.6 | 16381.8 |
| 32.5° | 15714.5 | 13360.8 | 11748.0 | 11436.9 | 12259.7 | 13602.3 | 15992.9 | 18056.0 | 17757.1 | 17130.9 |
| 35° | 16205.7 | 13725.2 | 11993.6 | 11969.1 | 12910.6 | 14114.0 | 16308.1 | 18764.1 | 18641.3 | 18084.6 |
| 37.5° | 16598.7 | 14093.6 | 12865.5 | 12595.4 | 13802.9 | 14973.6 | 16815.7 | 19742.4 | 19460.0 | 19198.0 |
| 40° | 16901.6 | 14752.6 | 13680.1 | 14036.2 | 14900.0 | 15755.5 | 17282.3 | 19803.8 | 20618.4 | 19857.1 |
| 42.5° | 16623.3 | 15342.0 | 15018.7 | 15870.1 | 16688.8 | 16647.8 | 17335.5 | 20278.7 | 20888.6 | 20491.5 |
| 45° | 16553.7 | 16340.8 | 17134.9 | 17908.6 | 18096.9 | 17388.7 | 16954.8 | 19754.7 | 20806.7 | 20630.7 |
| 47.5° | 16385.9 | 17323.2 | 18706.8 | 19967.6 | 19681.0 | 17884.0 | 16500.5 | 19660.6 | 20855.8 | 20540.7 |
| 50° | 16328.5 | 17536.1 | 19869.3 | 21097.4 | 20925.4 | 18313.8 | 16287.6 | 19054.8 | 20507.9 | 20479.3 |
| 52.5° | 16324.5 | 17974.1 | 20352.4 | 21711.4 | 21817.8 | 18993.3 | 16578.2 | 19361.8 | 20778.1 | 21019.6 |
| 55° | 16508.7 | 17834.9 | 20291.0 | 21371.6 | 21330.7 | 18690.4 | 16611.0 | 19566.4 | 21109.6 | 21347.1 |
| 57.5° | 15571.3 | 15976.5 | 16746.1 | 17601.6 | 17380.6 | 15481.2 | 14834.5 | 18088.7 | 19374.0 | 19202.1 |
| 60° | 13446.8 | 12177.8 | 11310.0 | 11269.1 | 10839.3 | 10245.8 | 12141.0 | 16144.3 | 16144.3 | 15976.5 |
| 62.5° | 11776.7 | 7994.4 | 6868.7 | 6549.4 | 6856.4 | 7540.0 | 11711.2 | 15702.3 | 15256.1 | 15063.7 |
| 65° | 10299.0 | 6103.3 | 4965.3 | 4875.2 | 5407.4 | 6438.9 | 10589.6 | 13377.2 | 12591.3 | 11952.7 |
| 67.5° | 6627.2 | 4470.0 | 3692.2 | 3532.6 | 4175.3 | 4727.9 | 7048.8 | 8227.7 | 7732.4 | 7482.7 |
| 70° | 4273.5 | 2910.4 | 2054.9 | 1928.0 | 2177.7 | 2914.5 | 4502.7 | 4797.5 | 4077.0 | 3909.2 |
| 72.5° | 2022.1 | 1256.7 | 720.4 | 593.5 | 667.2 | 1113.4 | 1780.6 | 1915.7 | 1592.3 | 1457.2 |
| 75° | 642.7 | 462.6 | 294.7 | 253.8 | 241.5 | 286.5 | 409.3 | 315.2 | 229.2 | 225.1 |
| 77.5° | 286.5 | 274.3 | 233.3 | 196.5 | 171.9 | 143.3 | 118.7 | 98.2 | 102.3 | 106.4 |
| 80° | 237.4 | 216.9 | 192.4 | 171.9 | 143.3 | 110.5 | 86.0 | 65.5 | 65.5 | 69.6 |
| 82.5° | 208.8 | 188.3 | 167.8 | 143.3 | 122.8 | 90.1 | 65.5 | 45.0 | 40.9 | 40.9 |
| 85° | 90.1 | 106.4 | 114.6 | 122.8 | 98.2 | 73.7 | 45.0 | 28.7 | 24.6 | 24.6 |
| 87.5° | 36.8 | 32.7 | 28.7 | 24.6 | 20.5 | 20.5 | 16.4 | 12.3 | 8.2 | 8.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)