

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: P529537

Luminaire Tested: **GALN-SA4D-722-U-SLR-GRSBK**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P529537
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-25)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA4D-722-U-SLR-GRSBK
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 2200K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH BLACK GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12437 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G1

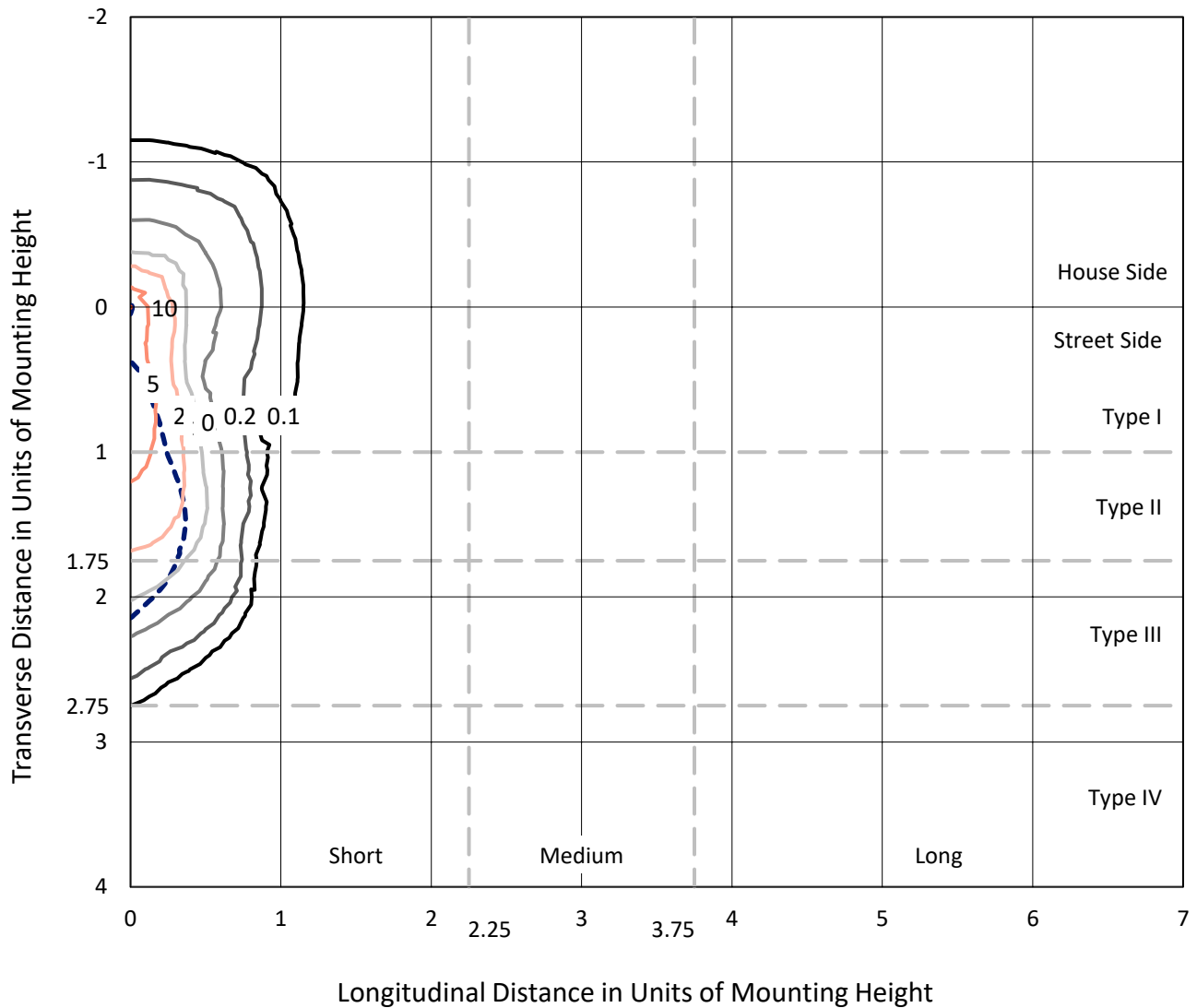
Input Watts (W): 245
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P529537
 CATALOG NUMBER: GALN-SA4D-722-U-SLR-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

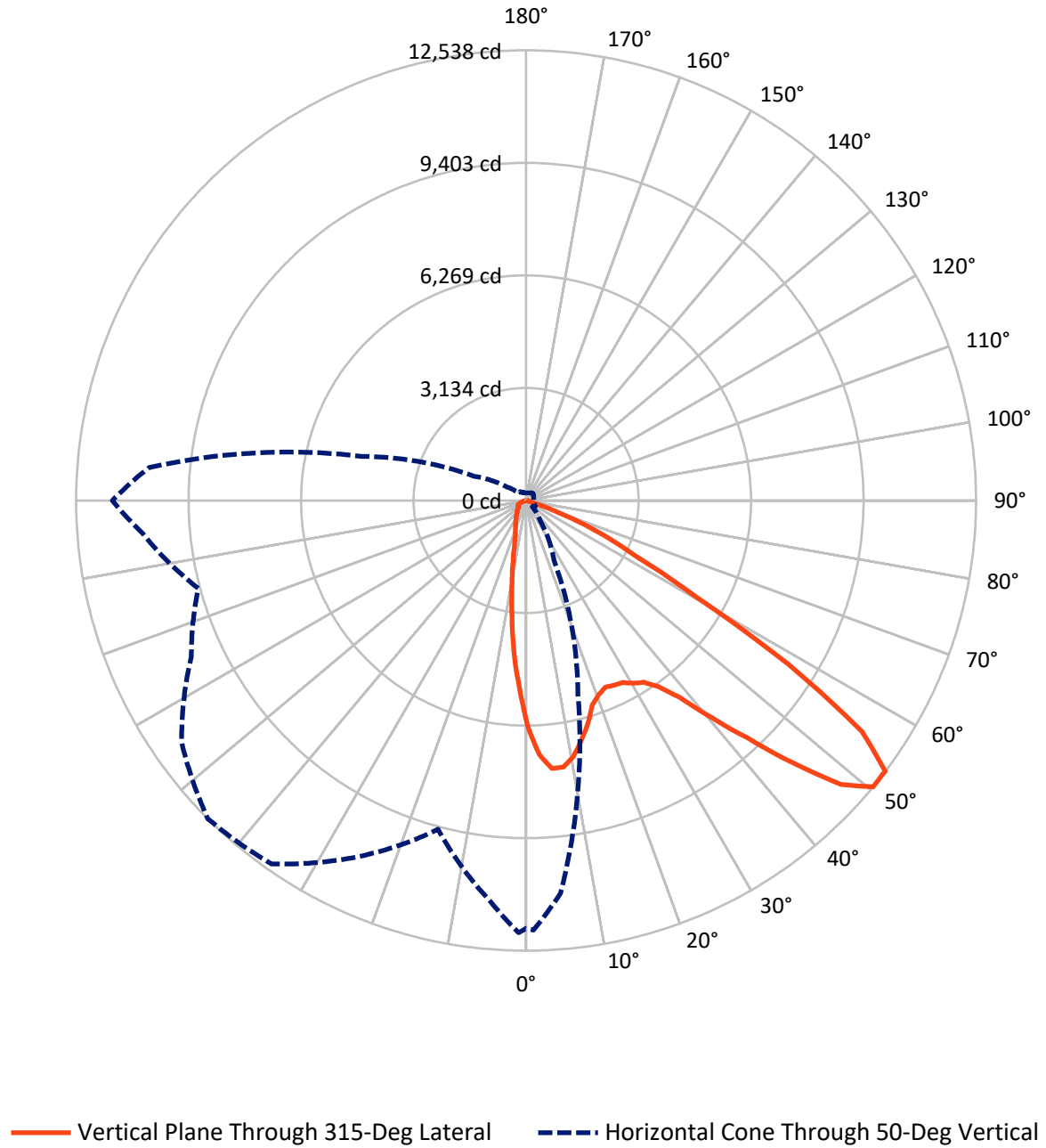
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.1 fc
 Type III - Short - N/A

REPORT NUMBER: P529537
CATALOG NUMBER: GALN-SA4D-722-U-SLR-GRSBK

Luminous Intensity Polar Plot



REPORT NUMBER: P529537
 CATALOG NUMBER: GALN-SA4D-722-U-SLR-GRSBK

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2491.1 | 0.0 | 2491.1 |
| | % Fixture | 20.0 | 0.0 | 20.0 |
| Street Side | Lumens | 9945.9 | 0.0 | 9945.9 |
| | % Fixture | 80.0 | 0.0 | 80.0 |
| Total | Lumens | 12437.0 | 0.0 | 12437.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 459.7 | 3.7 |
| 10°-20° | 913.7 | 7.3 |
| 20°-30° | 1372.6 | 11.0 |
| 30°-40° | 2060.3 | 16.6 |
| 40°-50° | 2895.6 | 23.3 |
| 50°-60° | 3123.4 | 25.1 |
| 60°-70° | 1450.2 | 11.7 |
| 70°-80° | 136.4 | 1.1 |
| 80°-90° | 25.1 | 0.2 |
| 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° | 12437.0 | 100.0 |
| 0°-180° | 12437.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P529537

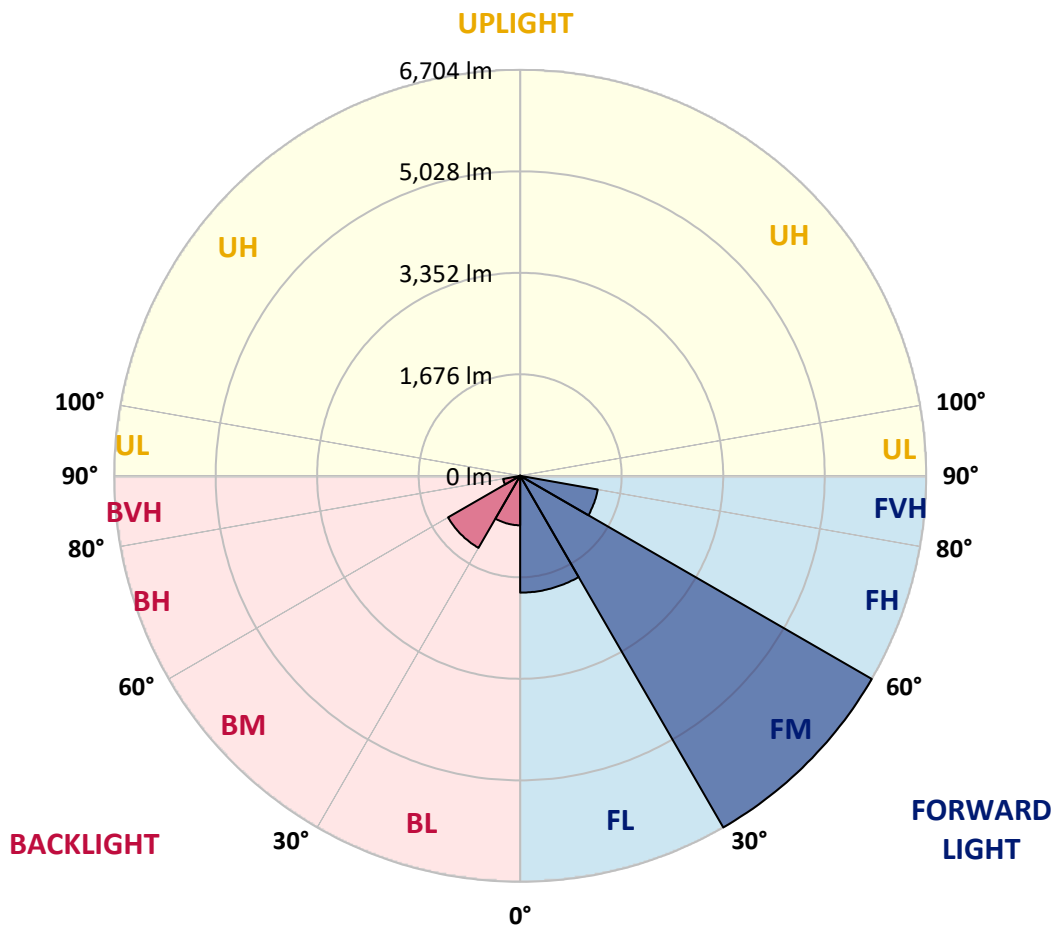
CATALOG NUMBER: GALN-SA4D-722-U-SLR-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1929.5 | 15.5 | | | |
| FM (30°-60°) | 6704.5 | 53.9 | | | |
| FH (60°-80°) | 1300.6 | 10.5 | | | G1/1800 |
| FVH (80°-90°) | 11.3 | 0.1 | | | G1/100 |
| BL (0°-30°) | 816.5 | 6.6 | B2/1000 | | |
| BM (30°-60°) | 1374.7 | 11.1 | B2/2500 | | |
| BH (60°-80°) | 286.0 | 2.3 | B1/500 | | G1/500 |
| BVH (80°-90°) | 13.8 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G1

Type III Short





REPORT NUMBER: P529537

CATALOG NUMBER: GALN-SA4D-722-U-SLR-GRSBK

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 |
| 2.5° | 6556.4 | 6455.2 | 6326.9 | 6220.8 | 6062.8 | 5744.5 | 5658.2 | 5554.5 | 5468.2 | 5352.2 | 5189.3 |
| 5° | 5961.7 | 5929.6 | 5870.4 | 5470.6 | 5181.9 | 4797.0 | 4481.1 | 4347.9 | 4172.7 | 4029.6 | 3925.9 |
| 7.5° | 5507.6 | 5379.3 | 5191.8 | 4789.6 | 4328.1 | 3916.0 | 3565.6 | 3360.8 | 3128.9 | 3049.9 | 2909.3 |
| 10° | 5021.5 | 5051.1 | 4774.8 | 4209.7 | 3652.0 | 3318.9 | 3101.7 | 2904.3 | 2694.6 | 2556.4 | 2356.5 |
| 12.5° | 4866.1 | 4769.8 | 4557.6 | 3859.3 | 3383.0 | 3072.1 | 2808.1 | 2563.8 | 2341.7 | 2119.6 | 1927.2 |
| 15° | 4967.2 | 4819.2 | 4523.1 | 3785.3 | 3175.8 | 2788.4 | 2457.7 | 2127.1 | 1922.2 | 1638.5 | 1438.6 |
| 17.5° | 5330.0 | 5211.5 | 4814.2 | 3864.2 | 3069.7 | 2516.9 | 2025.9 | 1685.4 | 1372.0 | 1115.3 | 1014.2 |
| 20° | 5934.5 | 5766.7 | 5268.3 | 3965.4 | 2911.7 | 2188.7 | 1643.4 | 1223.9 | 927.8 | 819.2 | 762.5 |
| 22.5° | 6526.7 | 6435.4 | 5806.2 | 4160.3 | 2771.1 | 1897.6 | 1233.8 | 824.2 | 693.4 | 673.6 | 636.6 |
| 25° | 7654.4 | 7380.5 | 6627.9 | 4513.2 | 2662.5 | 1623.7 | 930.3 | 663.8 | 587.3 | 572.5 | 577.4 |
| 27.5° | 8325.6 | 8096.1 | 7387.9 | 4747.6 | 2541.6 | 1413.9 | 787.2 | 609.5 | 557.7 | 525.6 | 513.3 |
| 30° | 8969.6 | 8703.1 | 7765.5 | 4885.8 | 2282.5 | 1191.8 | 698.3 | 584.8 | 572.5 | 525.6 | 510.8 |
| 32.5° | 9465.6 | 9204.1 | 8310.8 | 5093.1 | 2176.4 | 1048.7 | 574.9 | 456.5 | 424.4 | 419.5 | 463.9 |
| 35° | 10225.6 | 9946.8 | 8777.2 | 5206.6 | 2095.0 | 974.7 | 498.5 | 407.2 | 370.1 | 355.3 | 357.8 |
| 37.5° | 10933.8 | 10743.8 | 9209.0 | 5251.0 | 2008.6 | 952.5 | 446.6 | 365.2 | 333.1 | 323.3 | 320.8 |
| 40° | 11526.1 | 11101.6 | 9618.6 | 5297.9 | 1971.6 | 910.5 | 414.6 | 333.1 | 310.9 | 296.1 | 296.1 |
| 42.5° | 11797.5 | 11365.7 | 10077.6 | 5270.7 | 1961.7 | 843.9 | 414.6 | 306.0 | 288.7 | 273.9 | 271.4 |
| 45° | 11738.3 | 11563.1 | 10282.4 | 5258.4 | 1961.7 | 777.3 | 377.5 | 298.6 | 273.9 | 254.2 | 249.2 |
| 47.5° | 11891.3 | 11661.8 | 10539.0 | 5310.2 | 1922.2 | 730.4 | 318.3 | 313.4 | 259.1 | 234.4 | 229.5 |
| 50° | 11918.4 | 11962.8 | 10985.7 | 5579.2 | 1835.9 | 671.2 | 249.2 | 308.4 | 249.2 | 212.2 | 207.3 |
| 52° | 12096.1 | 11819.7 | 11121.4 | 5722.3 | 1744.6 | 626.8 | 209.7 | 264.0 | 239.4 | 197.4 | 192.5 |
| 52.5° | 11851.8 | 12031.9 | 11153.4 | 5774.1 | 1754.4 | 597.2 | 202.3 | 259.1 | 234.4 | 197.4 | 185.1 |
| 55° | 11577.9 | 11750.6 | 11022.7 | 5885.2 | 1608.9 | 468.8 | 157.9 | 187.5 | 212.2 | 172.7 | 165.3 |
| 57.5° | 10062.8 | 10238.0 | 9579.1 | 5389.2 | 1310.3 | 330.7 | 130.8 | 140.7 | 187.5 | 160.4 | 153.0 |
| 60° | 8945.0 | 8819.1 | 8039.4 | 4495.9 | 930.3 | 185.1 | 103.6 | 108.6 | 204.8 | 148.1 | 145.6 |
| 62.5° | 8175.1 | 7906.1 | 6719.2 | 3471.9 | 567.5 | 123.4 | 81.4 | 83.9 | 157.9 | 138.2 | 138.2 |
| 65° | 6048.0 | 5747.0 | 4463.8 | 2099.9 | 278.8 | 86.4 | 61.7 | 66.6 | 98.7 | 118.4 | 118.4 |
| 67.5° | 3452.1 | 3336.2 | 2156.7 | 947.5 | 116.0 | 54.3 | 46.9 | 51.8 | 76.5 | 96.2 | 91.3 |
| 70° | 1586.7 | 1423.8 | 829.1 | 199.9 | 54.3 | 37.0 | 37.0 | 41.9 | 61.7 | 71.6 | 66.6 |
| 72.5° | 463.9 | 439.2 | 202.3 | 32.1 | 22.2 | 22.2 | 24.7 | 32.1 | 46.9 | 54.3 | 49.4 |
| 75° | 34.5 | 22.2 | 14.8 | 9.9 | 9.9 | 14.8 | 19.7 | 32.1 | 46.9 | 51.8 | 41.9 |
| 77.5° | 2.5 | 4.9 | 2.5 | 2.5 | 7.4 | 14.8 | 22.2 | 39.5 | 61.7 | 64.2 | 46.9 |
| 80° | 2.5 | 2.5 | 0.0 | 2.5 | 7.4 | 14.8 | 24.7 | 44.4 | 69.1 | 74.0 | 39.5 |
| 82.5° | 0.0 | 0.0 | 0.0 | 2.5 | 9.9 | 19.7 | 29.6 | 46.9 | 64.2 | 79.0 | 41.9 |
| 85° | 0.0 | 0.0 | 0.0 | 2.5 | 14.8 | 27.1 | 34.5 | 12.3 | 7.4 | 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: P529537

CATALOG NUMBER: GALN-SA4D-722-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 |
| 2.5° | 5305.3 | 5241.1 | 5216.5 | 5238.7 | 5231.3 | 5223.9 | 5359.6 | 5330.0 | 5325.0 | 5369.4 | 5359.6 |
| 5° | 3982.7 | 3869.2 | 4180.1 | 4054.2 | 4185.0 | 4264.0 | 4278.8 | 4286.2 | 4377.5 | 4281.2 | 4407.1 |
| 7.5° | 2837.7 | 2867.3 | 2864.9 | 2948.8 | 3099.3 | 3232.5 | 3311.5 | 3249.8 | 3244.9 | 3232.5 | 3178.2 |
| 10° | 2267.7 | 2215.9 | 2206.0 | 2186.3 | 2233.2 | 2346.7 | 2442.9 | 2366.4 | 2312.1 | 2386.1 | 2363.9 |
| 12.5° | 1853.2 | 1781.6 | 1742.1 | 1663.1 | 1665.6 | 1742.1 | 1742.1 | 1742.1 | 1796.4 | 1838.3 | 1870.4 |
| 15° | 1421.3 | 1362.1 | 1362.1 | 1283.1 | 1265.9 | 1268.3 | 1307.8 | 1312.8 | 1399.1 | 1423.8 | 1436.1 |
| 17.5° | 994.4 | 962.4 | 999.4 | 1031.4 | 1011.7 | 1016.6 | 1031.4 | 1036.4 | 1048.7 | 1038.8 | 1063.5 |
| 20° | 764.9 | 760.0 | 769.9 | 826.6 | 868.6 | 893.3 | 876.0 | 851.3 | 836.5 | 802.0 | 802.0 |
| 22.5° | 649.0 | 658.8 | 676.1 | 723.0 | 777.3 | 792.1 | 772.4 | 715.6 | 671.2 | 666.2 | 668.7 |
| 25° | 577.4 | 587.3 | 614.4 | 644.0 | 673.6 | 698.3 | 678.6 | 636.6 | 612.0 | 589.8 | 589.8 |
| 27.5° | 533.0 | 537.9 | 552.7 | 574.9 | 599.6 | 619.4 | 612.0 | 589.8 | 562.6 | 552.7 | 530.5 |
| 30° | 498.5 | 505.9 | 523.1 | 528.1 | 550.3 | 560.1 | 547.8 | 542.9 | 525.6 | 513.3 | 505.9 |
| 32.5° | 481.2 | 478.7 | 491.0 | 496.0 | 498.5 | 505.9 | 491.0 | 498.5 | 496.0 | 476.2 | 468.8 |
| 35° | 362.7 | 382.5 | 414.6 | 441.7 | 449.1 | 459.0 | 456.5 | 446.6 | 419.5 | 397.3 | 370.1 |
| 37.5° | 325.7 | 338.1 | 355.3 | 377.5 | 407.2 | 419.5 | 414.6 | 389.9 | 357.8 | 343.0 | 338.1 |
| 40° | 301.0 | 308.4 | 323.3 | 338.1 | 367.7 | 389.9 | 372.6 | 350.4 | 325.7 | 313.4 | 306.0 |
| 42.5° | 278.8 | 281.3 | 288.7 | 303.5 | 325.7 | 360.3 | 330.7 | 301.0 | 291.2 | 283.8 | 278.8 |
| 45° | 254.2 | 254.2 | 264.0 | 271.4 | 296.1 | 328.2 | 298.6 | 271.4 | 266.5 | 261.6 | 259.1 |
| 47.5° | 234.4 | 236.9 | 241.8 | 251.7 | 271.4 | 293.6 | 273.9 | 251.7 | 239.4 | 236.9 | 232.0 |
| 50° | 209.7 | 212.2 | 222.1 | 232.0 | 256.6 | 269.0 | 256.6 | 232.0 | 219.6 | 212.2 | 212.2 |
| 52° | 190.0 | 197.4 | 207.3 | 227.0 | 244.3 | 264.0 | 249.2 | 222.1 | 207.3 | 199.9 | 194.9 |
| 52.5° | 187.5 | 192.5 | 202.3 | 224.5 | 244.3 | 261.6 | 246.8 | 219.6 | 202.3 | 197.4 | 192.5 |
| 55° | 167.8 | 175.2 | 192.5 | 219.6 | 241.8 | 261.6 | 241.8 | 217.1 | 192.5 | 180.1 | 175.2 |
| 57.5° | 160.4 | 165.3 | 187.5 | 222.1 | 239.4 | 261.6 | 241.8 | 217.1 | 192.5 | 170.3 | 165.3 |
| 60° | 153.0 | 162.9 | 187.5 | 214.7 | 236.9 | 264.0 | 244.3 | 214.7 | 187.5 | 160.4 | 160.4 |
| 62.5° | 145.6 | 153.0 | 185.1 | 209.7 | 227.0 | 254.2 | 234.4 | 209.7 | 180.1 | 153.0 | 150.5 |
| 65° | 125.8 | 138.2 | 162.9 | 175.2 | 194.9 | 219.6 | 199.9 | 182.6 | 157.9 | 135.7 | 133.2 |
| 67.5° | 96.2 | 101.2 | 120.9 | 135.7 | 148.1 | 170.3 | 160.4 | 138.2 | 120.9 | 103.6 | 103.6 |
| 70° | 66.6 | 71.6 | 86.4 | 93.8 | 106.1 | 118.4 | 111.0 | 93.8 | 81.4 | 71.6 | 69.1 |
| 72.5° | 46.9 | 49.4 | 54.3 | 59.2 | 64.2 | 69.1 | 66.6 | 54.3 | 46.9 | 44.4 | 41.9 |
| 75° | 37.0 | 41.9 | 44.4 | 41.9 | 39.5 | 37.0 | 37.0 | 32.1 | 27.1 | 24.7 | 24.7 |
| 77.5° | 37.0 | 39.5 | 37.0 | 32.1 | 27.1 | 24.7 | 22.2 | 19.7 | 14.8 | 12.3 | 14.8 |
| 80° | 32.1 | 32.1 | 32.1 | 27.1 | 24.7 | 22.2 | 19.7 | 17.3 | 14.8 | 12.3 | 12.3 |
| 82.5° | 34.5 | 34.5 | 32.1 | 27.1 | 27.1 | 22.2 | 22.2 | 19.7 | 17.3 | 12.3 | 12.3 |
| 85° | 0.0 | 0.0 | 0.0 | 4.9 | 12.3 | 22.2 | 22.2 | 19.7 | 17.3 | 14.8 | 14.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 4.9 | 9.9 | 12.3 | 14.8 | 14.8 | 14.8 |
| 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: P529537

CATALOG NUMBER: GALN-SA4D-722-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 |
| 2.5° | 5448.4 | 5542.2 | 5719.8 | 5897.5 | 6006.1 | 6134.4 | 6366.3 | 6489.7 | 6650.1 | 6729.1 | 6884.5 |
| 5° | 4389.8 | 4611.9 | 4690.9 | 4893.2 | 5110.4 | 5327.5 | 5673.0 | 6053.0 | 6368.8 | 6586.0 | 6867.3 |
| 7.5° | 3202.9 | 3254.7 | 3560.7 | 3696.4 | 4051.8 | 4446.6 | 4917.9 | 5396.6 | 5796.3 | 6151.7 | 6366.3 |
| 10° | 2401.0 | 2591.0 | 2783.4 | 3042.5 | 3328.8 | 3735.9 | 4187.5 | 4715.5 | 5233.7 | 5589.1 | 5860.5 |
| 12.5° | 1929.6 | 2080.2 | 2336.8 | 2615.6 | 2968.5 | 3237.5 | 3691.5 | 4214.6 | 4885.8 | 5233.7 | 5591.5 |
| 15° | 1460.8 | 1653.3 | 1944.5 | 2233.2 | 2605.8 | 2889.5 | 3348.5 | 4007.3 | 4871.0 | 5349.7 | 5658.2 |
| 17.5° | 1083.3 | 1214.0 | 1475.6 | 1798.9 | 2178.9 | 2578.6 | 3198.0 | 3985.1 | 5036.3 | 5606.3 | 5924.7 |
| 20° | 829.1 | 873.5 | 1038.8 | 1327.6 | 1739.6 | 2262.8 | 2953.7 | 4081.4 | 5524.9 | 6230.6 | 6553.9 |
| 22.5° | 671.2 | 690.9 | 755.1 | 955.0 | 1354.7 | 1986.4 | 2837.7 | 4148.0 | 6075.2 | 6978.3 | 7410.1 |
| 25° | 584.8 | 579.9 | 621.8 | 708.2 | 1058.6 | 1727.3 | 2689.7 | 4399.7 | 6748.8 | 7856.8 | 8244.2 |
| 27.5° | 533.0 | 533.0 | 552.7 | 614.4 | 878.5 | 1559.5 | 2595.9 | 4579.8 | 7427.4 | 8629.1 | 8838.9 |
| 30° | 505.9 | 510.8 | 567.5 | 587.3 | 730.4 | 1359.6 | 2440.4 | 4762.4 | 8076.4 | 9122.6 | 9411.3 |
| 32.5° | 468.8 | 449.1 | 436.8 | 486.1 | 614.4 | 1179.5 | 2285.0 | 4838.9 | 8602.0 | 9727.2 | 9973.9 |
| 35° | 360.3 | 350.4 | 365.2 | 402.2 | 528.1 | 1026.5 | 2112.2 | 4925.3 | 9206.5 | 10428.0 | 10477.3 |
| 37.5° | 325.7 | 323.3 | 333.1 | 365.2 | 444.2 | 893.3 | 1988.9 | 4903.1 | 9668.0 | 11007.9 | 10874.6 |
| 40° | 301.0 | 301.0 | 308.4 | 335.6 | 397.3 | 799.5 | 1860.6 | 4883.3 | 10114.6 | 11659.3 | 11269.4 |
| 42.5° | 281.3 | 281.3 | 293.6 | 310.9 | 377.5 | 737.8 | 1764.3 | 4856.2 | 10489.7 | 12059.0 | 11501.4 |
| 45° | 254.2 | 261.6 | 281.3 | 298.6 | 382.5 | 695.9 | 1692.8 | 4752.6 | 10618.0 | 12054.1 | 11390.3 |
| 47.5° | 234.4 | 244.3 | 264.0 | 288.7 | 345.5 | 683.5 | 1643.4 | 4661.3 | 10573.6 | 11758.0 | 11042.4 |
| 50° | 212.2 | 224.5 | 251.7 | 293.6 | 293.6 | 658.8 | 1591.6 | 4742.7 | 10541.5 | 11528.5 | 10709.3 |
| 52° | 197.4 | 207.3 | 241.8 | 286.2 | 256.6 | 607.0 | 1559.5 | 4900.6 | 10672.3 | 11498.9 | 10561.2 |
| 52.5° | 194.9 | 202.3 | 234.4 | 281.3 | 244.3 | 597.2 | 1537.3 | 4937.6 | 10714.2 | 11424.9 | 10662.4 |
| 55° | 172.7 | 182.6 | 214.7 | 219.6 | 199.9 | 491.0 | 1465.7 | 5021.5 | 10506.9 | 11279.3 | 10566.2 |
| 57.5° | 162.9 | 167.8 | 190.0 | 180.1 | 172.7 | 370.1 | 1260.9 | 4890.7 | 9332.4 | 10018.4 | 9830.8 |
| 60° | 150.5 | 155.5 | 177.7 | 140.7 | 145.6 | 259.1 | 947.5 | 4246.7 | 7494.0 | 8347.8 | 8685.9 |
| 62.5° | 145.6 | 143.1 | 167.8 | 113.5 | 123.4 | 187.5 | 668.7 | 3452.1 | 5774.1 | 6872.2 | 7457.0 |
| 65° | 128.3 | 125.8 | 120.9 | 96.2 | 106.1 | 145.6 | 399.7 | 2252.9 | 4069.0 | 5199.2 | 5520.0 |
| 67.5° | 98.7 | 103.6 | 88.8 | 76.5 | 88.8 | 113.5 | 222.1 | 1009.2 | 2134.5 | 3119.0 | 3378.1 |
| 70° | 69.1 | 74.0 | 71.6 | 66.6 | 79.0 | 93.8 | 128.3 | 345.5 | 883.4 | 1638.5 | 1806.3 |
| 72.5° | 41.9 | 51.8 | 54.3 | 56.8 | 69.1 | 81.4 | 91.3 | 111.0 | 234.4 | 579.9 | 720.5 |
| 75° | 24.7 | 34.5 | 41.9 | 49.4 | 56.8 | 69.1 | 76.5 | 79.0 | 81.4 | 108.6 | 175.2 |
| 77.5° | 17.3 | 24.7 | 37.0 | 46.9 | 56.8 | 69.1 | 81.4 | 86.4 | 81.4 | 76.5 | 81.4 |
| 80° | 14.8 | 24.7 | 34.5 | 44.4 | 59.2 | 71.6 | 81.4 | 81.4 | 79.0 | 69.1 | 74.0 |
| 82.5° | 14.8 | 24.7 | 37.0 | 46.9 | 56.8 | 69.1 | 79.0 | 81.4 | 74.0 | 69.1 | 71.6 |
| 85° | 17.3 | 27.1 | 39.5 | 49.4 | 61.7 | 56.8 | 51.8 | 41.9 | 39.5 | 32.1 | 34.5 |
| 87.5° | 17.3 | 24.7 | 24.7 | 27.1 | 29.6 | 29.6 | 29.6 | 27.1 | 22.2 | 19.7 | 19.7 |
| 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: P529537

CATALOG NUMBER: GALN-SA4D-722-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|---------|---------|---------|---------|---------|--------|---------|---------|---------|
| 0° | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 | 6307.1 |
| 2.5° | 6891.9 | 7089.3 | 7081.9 | 7086.9 | 7057.3 | 6857.4 | 6761.2 | 6516.9 | 6586.0 | 6556.4 |
| 5° | 7156.0 | 7350.9 | 7518.7 | 7499.0 | 7271.9 | 7000.5 | 6598.3 | 6218.3 | 6114.7 | 5961.7 |
| 7.5° | 6891.9 | 7360.8 | 7516.2 | 7494.0 | 7158.4 | 6810.5 | 6168.9 | 5788.9 | 5608.8 | 5507.6 |
| 10° | 6472.5 | 7015.3 | 7207.8 | 7247.3 | 7020.3 | 6492.2 | 5902.4 | 5293.0 | 5196.7 | 5021.5 |
| 12.5° | 6233.1 | 6627.9 | 6746.4 | 6852.5 | 6773.5 | 6378.7 | 5700.1 | 5115.3 | 4982.0 | 4866.1 |
| 15° | 6038.2 | 6272.6 | 6321.9 | 6442.8 | 6489.7 | 6277.5 | 5806.2 | 5307.8 | 4979.6 | 4967.2 |
| 17.5° | 6218.3 | 6122.1 | 5941.9 | 5978.9 | 6127.0 | 6280.0 | 6080.1 | 5687.8 | 5369.4 | 5330.0 |
| 20° | 6516.9 | 6092.4 | 5685.3 | 5776.6 | 5900.0 | 6368.8 | 6494.7 | 6218.3 | 6035.7 | 5934.5 |
| 22.5° | 6859.9 | 6144.3 | 5603.9 | 5648.3 | 5882.7 | 6568.7 | 7165.8 | 7012.9 | 6672.3 | 6526.7 |
| 25° | 7494.0 | 6287.4 | 5668.0 | 5697.6 | 6018.4 | 6847.5 | 7772.9 | 7886.4 | 7684.0 | 7654.4 |
| 27.5° | 8113.4 | 6657.5 | 5808.7 | 5742.1 | 6087.5 | 7119.0 | 8140.5 | 8750.0 | 8394.7 | 8325.6 |
| 30° | 8429.2 | 6958.6 | 6018.4 | 5904.9 | 6373.8 | 7284.3 | 8362.6 | 9312.6 | 9001.7 | 8969.6 |
| 32.5° | 8912.9 | 7232.5 | 6181.3 | 6035.7 | 6534.1 | 7489.1 | 8777.2 | 9927.1 | 9626.0 | 9465.6 |
| 35° | 9115.2 | 7531.0 | 6539.1 | 6368.8 | 6993.1 | 7775.3 | 8989.4 | 10474.9 | 10381.1 | 10225.6 |
| 37.5° | 9505.1 | 7851.8 | 6961.0 | 6951.2 | 7548.3 | 8147.9 | 9371.9 | 11220.1 | 11202.8 | 10933.8 |
| 40° | 9537.2 | 8202.2 | 7627.3 | 7938.2 | 8407.0 | 8796.9 | 9707.4 | 11427.3 | 11708.7 | 11526.1 |
| 42.5° | 9586.5 | 8816.7 | 8779.6 | 9036.3 | 9438.5 | 9354.6 | 9719.8 | 11476.7 | 11906.1 | 11797.5 |
| 45° | 9608.7 | 9431.1 | 9951.7 | 10425.5 | 10593.3 | 10085.0 | 9603.8 | 11382.9 | 12009.7 | 11738.3 |
| 47.5° | 9431.1 | 9959.1 | 10899.3 | 11814.8 | 11864.1 | 10534.1 | 9554.5 | 11286.7 | 12071.4 | 11891.3 |
| 50° | 9455.8 | 10289.8 | 11718.5 | 12537.8 | 12357.6 | 10931.4 | 9478.0 | 11227.5 | 12039.3 | 11918.4 |
| 52° | 9396.5 | 10297.2 | 11834.5 | 12523.0 | 12397.1 | 10711.8 | 9347.2 | 11000.5 | 12009.7 | 12096.1 |
| 52.5° | 9463.2 | 10252.8 | 11713.6 | 12532.8 | 12370.0 | 10820.3 | 9329.9 | 11126.3 | 12027.0 | 11851.8 |
| 55° | 9233.7 | 9724.7 | 11005.4 | 11353.3 | 11328.6 | 9821.0 | 8799.4 | 10709.3 | 11575.4 | 11577.9 |
| 57.5° | 8345.3 | 8429.2 | 8631.6 | 8624.2 | 8510.7 | 7721.0 | 7526.1 | 9848.1 | 10319.4 | 10062.8 |
| 60° | 7353.4 | 6171.4 | 5626.1 | 5404.0 | 5278.1 | 5149.8 | 6657.5 | 9009.1 | 9053.5 | 8945.0 |
| 62.5° | 6354.0 | 4278.8 | 3553.3 | 3491.6 | 3521.2 | 3990.1 | 6435.4 | 8676.0 | 8409.5 | 8175.1 |
| 65° | 5127.6 | 3119.0 | 2581.1 | 2499.7 | 2788.4 | 3294.2 | 5209.1 | 6652.6 | 6243.0 | 6048.0 |
| 67.5° | 3220.2 | 2275.1 | 1744.6 | 1591.6 | 1939.5 | 2267.7 | 3422.5 | 4180.1 | 3721.1 | 3452.1 |
| 70° | 1909.9 | 1270.8 | 789.6 | 708.2 | 797.0 | 1209.1 | 1917.3 | 2085.1 | 1724.8 | 1586.7 |
| 72.5° | 752.6 | 466.4 | 219.6 | 187.5 | 194.9 | 424.4 | 705.7 | 688.5 | 520.7 | 463.9 |
| 75° | 202.3 | 140.7 | 76.5 | 61.7 | 51.8 | 79.0 | 113.5 | 74.0 | 27.1 | 34.5 |
| 77.5° | 93.8 | 83.9 | 66.6 | 51.8 | 39.5 | 29.6 | 14.8 | 4.9 | 4.9 | 2.5 |
| 80° | 81.4 | 71.6 | 61.7 | 51.8 | 39.5 | 24.7 | 12.3 | 2.5 | 2.5 | 2.5 |
| 82.5° | 76.5 | 66.6 | 56.8 | 46.9 | 37.0 | 24.7 | 12.3 | 2.5 | 0.0 | 0.0 |
| 85° | 32.1 | 41.9 | 46.9 | 44.4 | 39.5 | 24.7 | 12.3 | 2.5 | 0.0 | 0.0 |
| 87.5° | 17.3 | 14.8 | 12.3 | 9.9 | 7.4 | 4.9 | 4.9 | 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 |

(END OF REPORT)