

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: P528965

Luminaire Tested: **GALN-SA4A-750-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P528965  
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-SA4A-750-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 70 CRI, 5000K, 615mA 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: 10001 lumens  
Efficiency: N/A  
Efficacy: 82.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G1

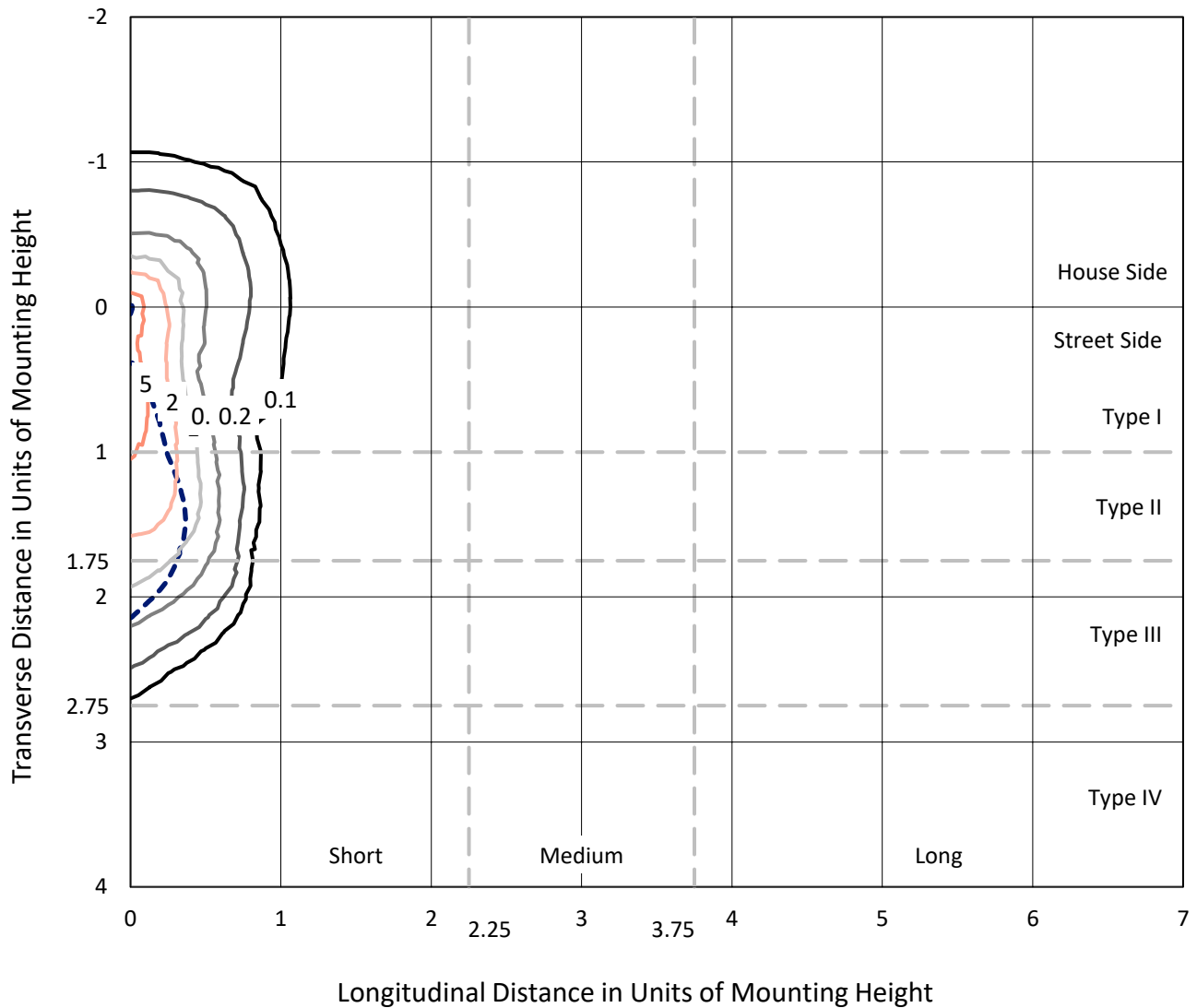
Input Watts (W): 121  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P528965  
 CATALOG NUMBER: GALN-SA4A-750-U-SLR-GRSBK

### Iso-Footcandle Lines of Horizontal Illumination

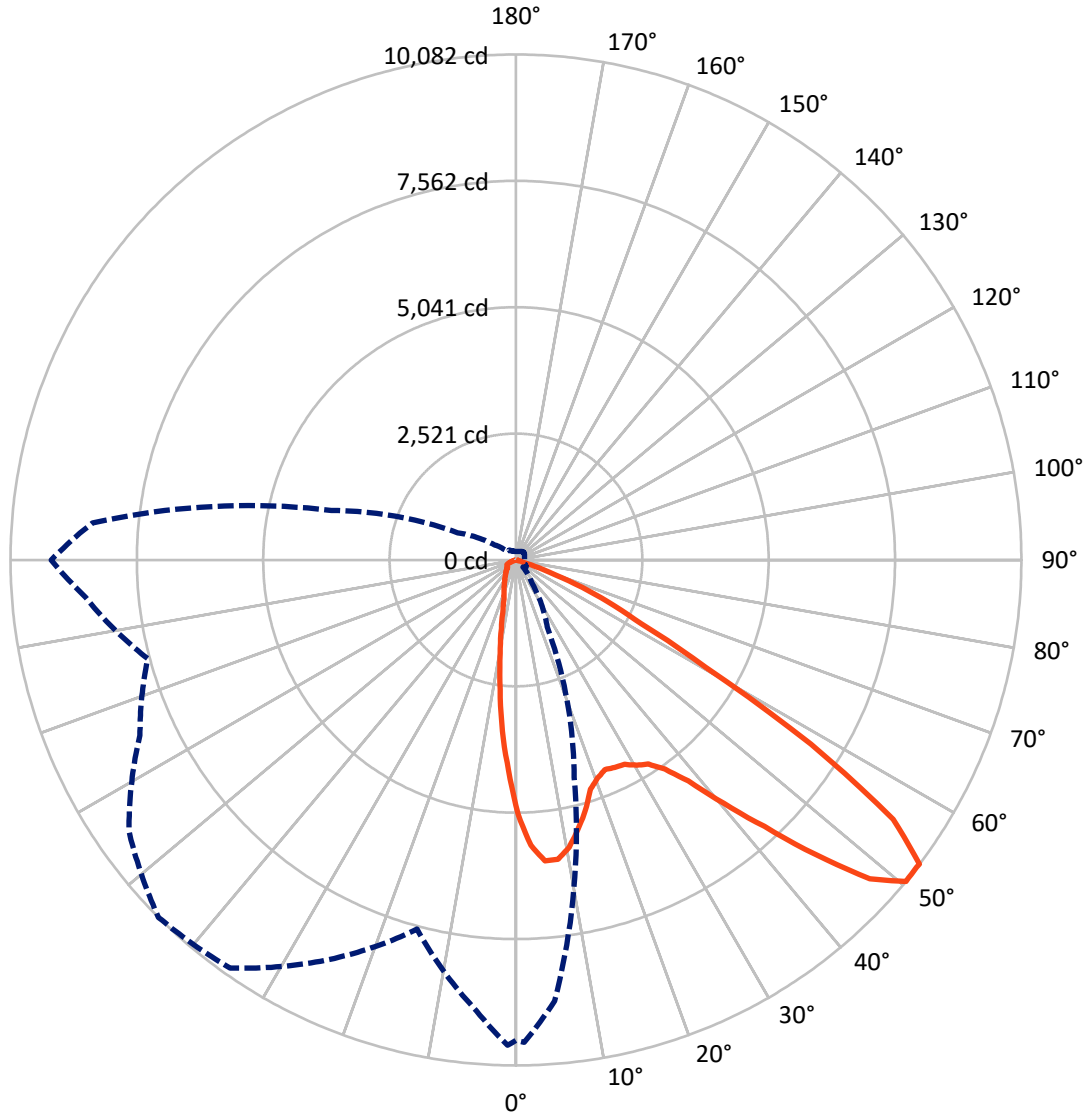
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.1 fc  
 Type III - Short - N/A

REPORT NUMBER: P528965  
CATALOG NUMBER: GALN-SA4A-750-U-SLR-GRSBK

### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 50-Deg Vertical

REPORT NUMBER: P528965  
 CATALOG NUMBER: GALN-SA4A-750-U-SLR-GRSBK

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2003.2   | 0.0    | 2003.2  |
|                    | % Fixture | 20.0     | 0.0    | 20.0    |
| <b>Street Side</b> | Lumens    | 7997.8   | 0.0    | 7997.8  |
|                    | % Fixture | 80.0     | 0.0    | 80.0    |
| <b>Total</b>       | Lumens    | 10001.0  | 0.0    | 10001.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 369.7   | 3.7       |
| 10°-20°   | 734.7   | 7.3       |
| 20°-30°   | 1103.8  | 11.0      |
| 30°-40°   | 1656.7  | 16.6      |
| 40°-50°   | 2328.4  | 23.3      |
| 50°-60°   | 2511.6  | 25.1      |
| 60°-70°   | 1166.1  | 11.7      |
| 70°-80°   | 109.7   | 1.1       |
| 80°-90°   | 20.2    | 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°    | 10001.0 | 100.0     |
| 0°-180°   | 10001.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P528965

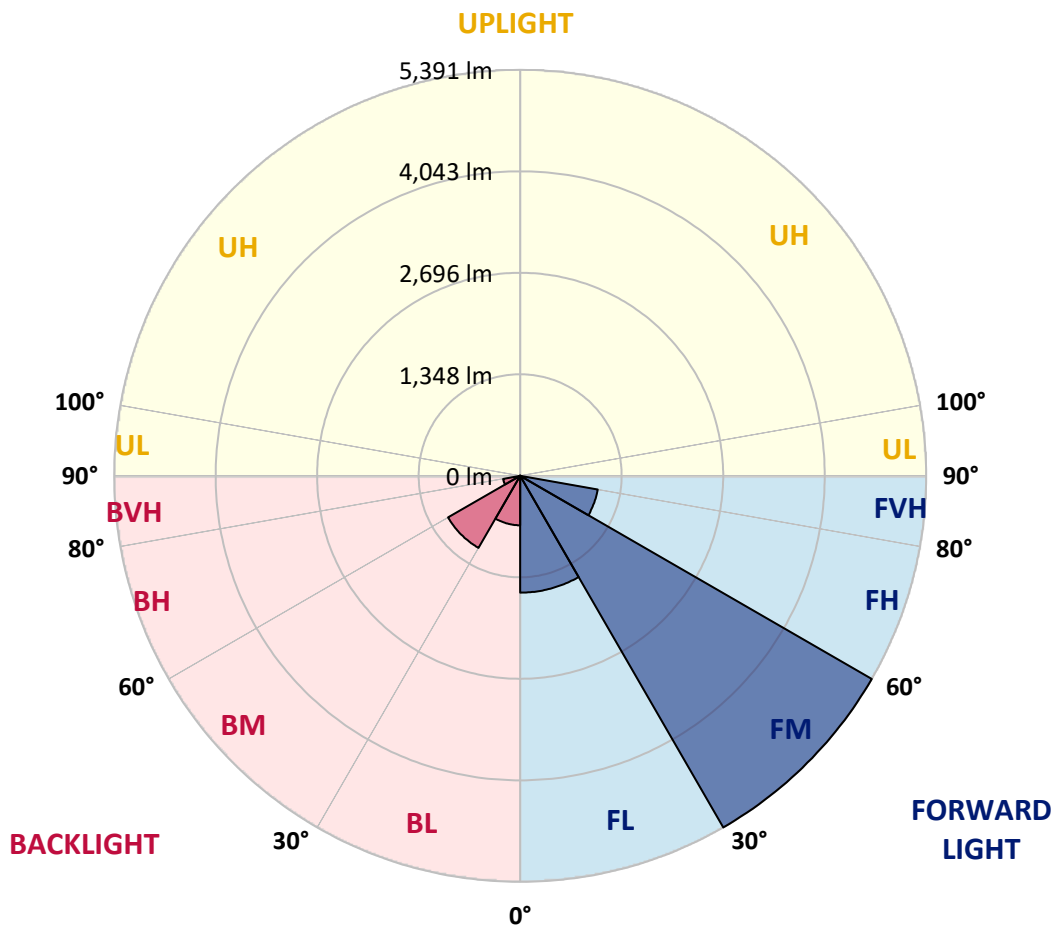
CATALOG NUMBER: GALN-SA4A-750-U-SLR-GRSBK

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1551.6 | 15.5      |                         |      |         |
| FM (30°-60°)   | 5391.3 | 53.9      |                         |      |         |
| FH (60°-80°)   | 1045.8 | 10.5      |                         |      | G1/1800 |
| FVH (80°-90°)  | 9.1    | 0.1       |                         |      | G0/10   |
| BL (0°-30°)    | 656.6  | 6.6       | B2/1000                 |      |         |
| BM (30°-60°)   | 1105.5 | 11.1      | B2/2500                 |      |         |
| BH (60°-80°)   | 230.0  | 2.3       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 11.1   | 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: P528965

CATALOG NUMBER: GALN-SA4A-750-U-SLR-GRSBK

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 |
| 2.5°  | 5272.2 | 5190.8 | 5087.6 | 5002.3 | 4875.3 | 4619.4 | 4549.9 | 4466.6 | 4397.1 | 4303.9 | 4172.9 |
| 5°    | 4794.0 | 4768.2 | 4720.6 | 4399.1 | 4166.9 | 3857.4 | 3603.4 | 3496.3 | 3355.4 | 3240.3 | 3157.0 |
| 7.5°  | 4428.9 | 4325.7 | 4174.9 | 3851.4 | 3480.4 | 3149.0 | 2867.3 | 2702.6 | 2516.0 | 2452.5 | 2339.4 |
| 10°   | 4038.0 | 4061.8 | 3839.5 | 3385.1 | 2936.7 | 2668.8 | 2494.2 | 2335.5 | 2166.8 | 2055.7 | 1895.0 |
| 12.5° | 3913.0 | 3835.6 | 3664.9 | 3103.4 | 2720.4 | 2470.4 | 2258.1 | 2061.6 | 1883.1 | 1704.5 | 1549.7 |
| 15°   | 3994.3 | 3875.3 | 3637.1 | 3043.9 | 2553.7 | 2242.2 | 1976.3 | 1710.4 | 1545.7 | 1317.5 | 1156.8 |
| 17.5° | 4286.0 | 4190.8 | 3871.3 | 3107.4 | 2468.4 | 2023.9 | 1629.1 | 1355.2 | 1103.2 | 896.9  | 815.5  |
| 20°   | 4772.1 | 4637.2 | 4236.4 | 3188.7 | 2341.4 | 1760.0 | 1321.5 | 984.2  | 746.1  | 658.8  | 613.1  |
| 22.5° | 5248.4 | 5174.9 | 4669.0 | 3345.5 | 2228.3 | 1525.9 | 992.1  | 662.7  | 557.6  | 541.7  | 511.9  |
| 25°   | 6155.2 | 5934.9 | 5329.7 | 3629.2 | 2141.0 | 1305.6 | 748.1  | 533.8  | 472.3  | 460.3  | 464.3  |
| 27.5° | 6694.9 | 6510.4 | 5940.9 | 3817.7 | 2043.8 | 1137.0 | 633.0  | 490.1  | 448.4  | 422.6  | 412.7  |
| 30°   | 7212.8 | 6998.5 | 6244.5 | 3928.8 | 1835.4 | 958.4  | 561.5  | 470.3  | 460.3  | 422.6  | 410.7  |
| 32.5° | 7611.6 | 7401.3 | 6683.0 | 4095.5 | 1750.1 | 843.3  | 462.3  | 367.1  | 341.3  | 337.3  | 373.0  |
| 35°   | 8222.8 | 7998.6 | 7058.0 | 4186.8 | 1684.6 | 783.8  | 400.8  | 327.4  | 297.6  | 285.7  | 287.7  |
| 37.5° | 8792.3 | 8639.5 | 7405.3 | 4222.5 | 1615.2 | 765.9  | 359.2  | 293.7  | 267.9  | 259.9  | 258.0  |
| 40°   | 9268.5 | 8927.2 | 7734.6 | 4260.2 | 1585.4 | 732.2  | 333.4  | 267.9  | 250.0  | 238.1  | 238.1  |
| 42.5° | 9486.7 | 9139.5 | 8103.7 | 4238.4 | 1577.5 | 678.6  | 333.4  | 246.0  | 232.2  | 220.3  | 218.3  |
| 45°   | 9439.1 | 9298.2 | 8268.4 | 4228.5 | 1577.5 | 625.0  | 303.6  | 240.1  | 220.3  | 204.4  | 200.4  |
| 47.5° | 9562.1 | 9377.6 | 8474.8 | 4270.1 | 1545.7 | 587.3  | 256.0  | 252.0  | 208.3  | 188.5  | 184.5  |
| 50°   | 9584.0 | 9619.7 | 8833.9 | 4486.4 | 1476.3 | 539.7  | 200.4  | 248.0  | 200.4  | 170.6  | 166.7  |
| 52°   | 9726.8 | 9504.6 | 8943.1 | 4601.5 | 1402.9 | 504.0  | 168.7  | 212.3  | 192.5  | 158.7  | 154.8  |
| 52.5° | 9530.4 | 9675.3 | 8968.9 | 4643.2 | 1410.8 | 480.2  | 162.7  | 208.3  | 188.5  | 158.7  | 148.8  |
| 55°   | 9310.1 | 9449.0 | 8863.7 | 4732.5 | 1293.7 | 377.0  | 127.0  | 150.8  | 170.6  | 138.9  | 132.9  |
| 57.5° | 8091.8 | 8232.7 | 7702.9 | 4333.6 | 1053.6 | 265.9  | 105.2  | 113.1  | 150.8  | 129.0  | 123.0  |
| 60°   | 7192.9 | 7091.7 | 6464.7 | 3615.3 | 748.1  | 148.8  | 83.3   | 87.3   | 164.7  | 119.1  | 117.1  |
| 62.5° | 6573.9 | 6357.6 | 5403.1 | 2791.9 | 456.4  | 99.2   | 65.5   | 67.5   | 127.0  | 111.1  | 111.1  |
| 65°   | 4863.4 | 4621.3 | 3589.5 | 1688.6 | 224.2  | 69.4   | 49.6   | 53.6   | 79.4   | 95.2   | 95.2   |
| 67.5° | 2776.0 | 2682.7 | 1734.2 | 762.0  | 93.3   | 43.7   | 37.7   | 41.7   | 61.5   | 77.4   | 73.4   |
| 70°   | 1275.9 | 1144.9 | 666.7  | 160.7  | 43.7   | 29.8   | 29.8   | 33.7   | 49.6   | 57.5   | 53.6   |
| 72.5° | 373.0  | 353.2  | 162.7  | 25.8   | 17.9   | 17.9   | 19.8   | 25.8   | 37.7   | 43.7   | 39.7   |
| 75°   | 27.8   | 17.9   | 11.9   | 7.9    | 7.9    | 11.9   | 15.9   | 25.8   | 37.7   | 41.7   | 33.7   |
| 77.5° | 2.0    | 4.0    | 2.0    | 2.0    | 6.0    | 11.9   | 17.9   | 31.7   | 49.6   | 51.6   | 37.7   |
| 80°   | 2.0    | 2.0    | 0.0    | 2.0    | 6.0    | 11.9   | 19.8   | 35.7   | 55.6   | 59.5   | 31.7   |
| 82.5° | 0.0    | 0.0    | 0.0    | 2.0    | 7.9    | 15.9   | 23.8   | 37.7   | 51.6   | 63.5   | 33.7   |
| 85°   | 0.0    | 0.0    | 0.0    | 2.0    | 11.9   | 21.8   | 27.8   | 9.9    | 6.0    | 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: P528965

CATALOG NUMBER: GALN-SA4A-750-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 |
| 2.5°  | 4266.2 | 4214.6 | 4194.7 | 4212.6 | 4206.6 | 4200.7 | 4309.8 | 4286.0 | 4282.0 | 4317.7 | 4309.8 |
| 5°    | 3202.6 | 3111.3 | 3361.3 | 3260.1 | 3365.3 | 3428.8 | 3440.7 | 3446.7 | 3520.1 | 3442.7 | 3543.9 |
| 7.5°  | 2281.9 | 2305.7 | 2303.7 | 2371.2 | 2492.2 | 2599.4 | 2662.9 | 2613.3 | 2609.3 | 2599.4 | 2555.7 |
| 10°   | 1823.5 | 1781.9 | 1773.9 | 1758.1 | 1795.8 | 1887.0 | 1964.4 | 1902.9 | 1859.3 | 1918.8 | 1900.9 |
| 12.5° | 1490.2 | 1432.6 | 1400.9 | 1337.4 | 1339.4 | 1400.9 | 1400.9 | 1400.9 | 1444.5 | 1478.3 | 1504.1 |
| 15°   | 1142.9 | 1095.3 | 1095.3 | 1031.8 | 1017.9 | 1019.9 | 1051.7 | 1055.6 | 1125.1 | 1144.9 | 1154.8 |
| 17.5° | 799.7  | 773.9  | 803.6  | 829.4  | 813.5  | 817.5  | 829.4  | 833.4  | 843.3  | 835.4  | 855.2  |
| 20°   | 615.1  | 611.2  | 619.1  | 664.7  | 698.5  | 718.3  | 704.4  | 684.6  | 672.7  | 644.9  | 644.9  |
| 22.5° | 521.9  | 529.8  | 543.7  | 581.4  | 625.0  | 636.9  | 621.1  | 575.4  | 539.7  | 535.8  | 537.7  |
| 25°   | 464.3  | 472.3  | 494.1  | 517.9  | 541.7  | 561.5  | 545.7  | 511.9  | 492.1  | 474.2  | 474.2  |
| 27.5° | 428.6  | 432.6  | 444.5  | 462.3  | 482.2  | 498.0  | 492.1  | 474.2  | 452.4  | 444.5  | 426.6  |
| 30°   | 400.8  | 406.8  | 420.7  | 424.6  | 442.5  | 450.4  | 440.5  | 436.5  | 422.6  | 412.7  | 406.8  |
| 32.5° | 386.9  | 384.9  | 394.9  | 398.8  | 400.8  | 406.8  | 394.9  | 400.8  | 398.8  | 383.0  | 377.0  |
| 35°   | 291.7  | 307.6  | 333.4  | 355.2  | 361.1  | 369.1  | 367.1  | 359.2  | 337.3  | 319.5  | 297.6  |
| 37.5° | 261.9  | 271.8  | 285.7  | 303.6  | 327.4  | 337.3  | 333.4  | 313.5  | 287.7  | 275.8  | 271.8  |
| 40°   | 242.1  | 248.0  | 259.9  | 271.8  | 295.7  | 313.5  | 299.6  | 281.8  | 261.9  | 252.0  | 246.0  |
| 42.5° | 224.2  | 226.2  | 232.2  | 244.1  | 261.9  | 289.7  | 265.9  | 242.1  | 234.1  | 228.2  | 224.2  |
| 45°   | 204.4  | 204.4  | 212.3  | 218.3  | 238.1  | 263.9  | 240.1  | 218.3  | 214.3  | 210.3  | 208.3  |
| 47.5° | 188.5  | 190.5  | 194.5  | 202.4  | 218.3  | 236.1  | 220.3  | 202.4  | 192.5  | 190.5  | 186.5  |
| 50°   | 168.7  | 170.6  | 178.6  | 186.5  | 206.4  | 216.3  | 206.4  | 186.5  | 176.6  | 170.6  | 170.6  |
| 52°   | 152.8  | 158.7  | 166.7  | 182.6  | 196.4  | 212.3  | 200.4  | 178.6  | 166.7  | 160.7  | 156.8  |
| 52.5° | 150.8  | 154.8  | 162.7  | 180.6  | 196.4  | 210.3  | 198.4  | 176.6  | 162.7  | 158.7  | 154.8  |
| 55°   | 134.9  | 140.9  | 154.8  | 176.6  | 194.5  | 210.3  | 194.5  | 174.6  | 154.8  | 144.9  | 140.9  |
| 57.5° | 129.0  | 132.9  | 150.8  | 178.6  | 192.5  | 210.3  | 194.5  | 174.6  | 154.8  | 136.9  | 132.9  |
| 60°   | 123.0  | 131.0  | 150.8  | 172.6  | 190.5  | 212.3  | 196.4  | 172.6  | 150.8  | 129.0  | 129.0  |
| 62.5° | 117.1  | 123.0  | 148.8  | 168.7  | 182.6  | 204.4  | 188.5  | 168.7  | 144.9  | 123.0  | 121.0  |
| 65°   | 101.2  | 111.1  | 131.0  | 140.9  | 156.8  | 176.6  | 160.7  | 146.8  | 127.0  | 109.1  | 107.2  |
| 67.5° | 77.4   | 81.4   | 97.2   | 109.1  | 119.1  | 136.9  | 129.0  | 111.1  | 97.2   | 83.3   | 83.3   |
| 70°   | 53.6   | 57.5   | 69.4   | 75.4   | 85.3   | 95.2   | 89.3   | 75.4   | 65.5   | 57.5   | 55.6   |
| 72.5° | 37.7   | 39.7   | 43.7   | 47.6   | 51.6   | 55.6   | 53.6   | 43.7   | 37.7   | 35.7   | 33.7   |
| 75°   | 29.8   | 33.7   | 35.7   | 33.7   | 31.7   | 29.8   | 29.8   | 25.8   | 21.8   | 19.8   | 19.8   |
| 77.5° | 29.8   | 31.7   | 29.8   | 25.8   | 21.8   | 19.8   | 17.9   | 15.9   | 11.9   | 9.9    | 11.9   |
| 80°   | 25.8   | 25.8   | 25.8   | 21.8   | 19.8   | 17.9   | 15.9   | 13.9   | 11.9   | 9.9    | 9.9    |
| 82.5° | 27.8   | 27.8   | 25.8   | 21.8   | 21.8   | 17.9   | 17.9   | 15.9   | 13.9   | 9.9    | 9.9    |
| 85°   | 0.0    | 0.0    | 0.0    | 4.0    | 9.9    | 17.9   | 17.9   | 15.9   | 13.9   | 11.9   | 11.9   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 2.0    | 4.0    | 7.9    | 9.9    | 11.9   | 11.9   | 11.9   |
| 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: P528965

CATALOG NUMBER: GALN-SA4A-750-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 |
| 2.5°  | 4381.2 | 4456.6 | 4599.5 | 4742.4 | 4829.7 | 4932.9 | 5119.4 | 5218.6 | 5347.6 | 5411.1 | 5536.1 |
| 5°    | 3530.0 | 3708.6 | 3772.1 | 3934.8 | 4109.4 | 4284.0 | 4561.8 | 4867.4 | 5121.4 | 5296.0 | 5522.2 |
| 7.5°  | 2575.6 | 2617.2 | 2863.3 | 2972.4 | 3258.2 | 3575.6 | 3954.6 | 4339.6 | 4661.0 | 4946.8 | 5119.4 |
| 10°   | 1930.7 | 2083.5 | 2238.2 | 2446.6 | 2676.8 | 3004.2 | 3367.3 | 3791.9 | 4208.6 | 4494.3 | 4712.6 |
| 12.5° | 1551.7 | 1672.7 | 1879.1 | 2103.3 | 2387.1 | 2603.3 | 2968.5 | 3389.1 | 3928.8 | 4208.6 | 4496.3 |
| 15°   | 1174.7 | 1329.5 | 1563.6 | 1795.8 | 2095.4 | 2323.6 | 2692.6 | 3222.4 | 3916.9 | 4301.9 | 4549.9 |
| 17.5° | 871.1  | 976.3  | 1186.6 | 1446.5 | 1752.1 | 2073.6 | 2571.6 | 3204.6 | 4049.9 | 4508.2 | 4764.2 |
| 20°   | 666.7  | 702.4  | 835.4  | 1067.5 | 1398.9 | 1819.6 | 2375.2 | 3282.0 | 4442.8 | 5010.3 | 5270.2 |
| 22.5° | 539.7  | 555.6  | 607.2  | 767.9  | 1089.4 | 1597.3 | 2281.9 | 3335.5 | 4885.2 | 5611.5 | 5958.7 |
| 25°   | 470.3  | 466.3  | 500.0  | 569.5  | 851.2  | 1389.0 | 2162.8 | 3537.9 | 5427.0 | 6317.9 | 6629.4 |
| 27.5° | 428.6  | 428.6  | 444.5  | 494.1  | 706.4  | 1254.1 | 2087.4 | 3682.8 | 5972.6 | 6939.0 | 7107.6 |
| 30°   | 406.8  | 410.7  | 456.4  | 472.3  | 587.3  | 1093.3 | 1962.4 | 3829.6 | 6494.5 | 7335.8 | 7568.0 |
| 32.5° | 377.0  | 361.1  | 351.2  | 390.9  | 494.1  | 948.5  | 1837.4 | 3891.1 | 6917.1 | 7822.0 | 8020.4 |
| 35°   | 289.7  | 281.8  | 293.7  | 323.4  | 424.6  | 825.5  | 1698.5 | 3960.6 | 7403.3 | 8385.5 | 8425.2 |
| 37.5° | 261.9  | 259.9  | 267.9  | 293.7  | 357.2  | 718.3  | 1599.3 | 3942.7 | 7774.3 | 8851.8 | 8744.6 |
| 40°   | 242.1  | 242.1  | 248.0  | 269.9  | 319.5  | 642.9  | 1496.1 | 3926.8 | 8133.5 | 9375.6 | 9062.1 |
| 42.5° | 226.2  | 226.2  | 236.1  | 250.0  | 303.6  | 593.3  | 1418.7 | 3905.0 | 8435.1 | 9697.1 | 9248.6 |
| 45°   | 204.4  | 210.3  | 226.2  | 240.1  | 307.6  | 559.6  | 1361.2 | 3821.7 | 8538.3 | 9693.1 | 9159.3 |
| 47.5° | 188.5  | 196.4  | 212.3  | 232.2  | 277.8  | 549.6  | 1321.5 | 3748.3 | 8502.6 | 9455.0 | 8879.6 |
| 50°   | 170.6  | 180.6  | 202.4  | 236.1  | 236.1  | 529.8  | 1279.8 | 3813.7 | 8476.8 | 9270.5 | 8611.7 |
| 52°   | 158.7  | 166.7  | 194.5  | 230.2  | 206.4  | 488.1  | 1254.1 | 3940.7 | 8581.9 | 9246.6 | 8492.6 |
| 52.5° | 156.8  | 162.7  | 188.5  | 226.2  | 196.4  | 480.2  | 1236.2 | 3970.5 | 8615.7 | 9187.1 | 8574.0 |
| 55°   | 138.9  | 146.8  | 172.6  | 176.6  | 160.7  | 394.9  | 1178.7 | 4038.0 | 8449.0 | 9070.1 | 8496.6 |
| 57.5° | 131.0  | 134.9  | 152.8  | 144.9  | 138.9  | 297.6  | 1014.0 | 3932.8 | 7504.5 | 8056.1 | 7905.3 |
| 60°   | 121.0  | 125.0  | 142.9  | 113.1  | 117.1  | 208.3  | 762.0  | 3414.9 | 6026.2 | 6712.8 | 6984.6 |
| 62.5° | 117.1  | 115.1  | 134.9  | 91.3   | 99.2   | 150.8  | 537.7  | 2776.0 | 4643.2 | 5526.2 | 5996.4 |
| 65°   | 103.2  | 101.2  | 97.2   | 77.4   | 85.3   | 117.1  | 321.5  | 1811.6 | 3272.0 | 4180.8 | 4438.8 |
| 67.5° | 79.4   | 83.3   | 71.4   | 61.5   | 71.4   | 91.3   | 178.6  | 811.6  | 1716.4 | 2508.1 | 2716.5 |
| 70°   | 55.6   | 59.5   | 57.5   | 53.6   | 63.5   | 75.4   | 103.2  | 277.8  | 710.4  | 1317.5 | 1452.5 |
| 72.5° | 33.7   | 41.7   | 43.7   | 45.6   | 55.6   | 65.5   | 73.4   | 89.3   | 188.5  | 466.3  | 579.4  |
| 75°   | 19.8   | 27.8   | 33.7   | 39.7   | 45.6   | 55.6   | 61.5   | 63.5   | 65.5   | 87.3   | 140.9  |
| 77.5° | 13.9   | 19.8   | 29.8   | 37.7   | 45.6   | 55.6   | 65.5   | 69.4   | 65.5   | 61.5   | 65.5   |
| 80°   | 11.9   | 19.8   | 27.8   | 35.7   | 47.6   | 57.5   | 65.5   | 65.5   | 63.5   | 55.6   | 59.5   |
| 82.5° | 11.9   | 19.8   | 29.8   | 37.7   | 45.6   | 55.6   | 63.5   | 65.5   | 59.5   | 55.6   | 57.5   |
| 85°   | 13.9   | 21.8   | 31.7   | 39.7   | 49.6   | 45.6   | 41.7   | 33.7   | 31.7   | 25.8   | 27.8   |
| 87.5° | 13.9   | 19.8   | 19.8   | 21.8   | 23.8   | 23.8   | 23.8   | 21.8   | 17.9   | 15.9   | 15.9   |
| 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: P528965

CATALOG NUMBER: GALN-SA4A-750-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°    | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| 0°    | 5071.8 | 5071.8 | 5071.8 | 5071.8  | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 | 5071.8 |
| 2.5°  | 5542.0 | 5700.8 | 5694.8 | 5698.8  | 5675.0 | 5514.3 | 5436.9 | 5240.4 | 5296.0 | 5272.2 |
| 5°    | 5754.4 | 5911.1 | 6046.0 | 6030.2  | 5847.6 | 5629.3 | 5305.9 | 5000.3 | 4917.0 | 4794.0 |
| 7.5°  | 5542.0 | 5919.0 | 6044.1 | 6026.2  | 5756.3 | 5476.6 | 4960.6 | 4655.1 | 4510.2 | 4428.9 |
| 10°   | 5204.7 | 5641.3 | 5796.0 | 5827.8  | 5645.2 | 5220.6 | 4746.3 | 4256.2 | 4178.9 | 4038.0 |
| 12.5° | 5012.2 | 5329.7 | 5425.0 | 5510.3  | 5446.8 | 5129.3 | 4583.6 | 4113.4 | 4006.2 | 3913.0 |
| 15°   | 4855.5 | 5044.0 | 5083.7 | 5180.9  | 5218.6 | 5048.0 | 4669.0 | 4268.1 | 4004.2 | 3994.3 |
| 17.5° | 5000.3 | 4922.9 | 4778.1 | 4807.9  | 4926.9 | 5049.9 | 4889.2 | 4573.7 | 4317.7 | 4286.0 |
| 20°   | 5240.4 | 4899.1 | 4571.7 | 4645.2  | 4744.4 | 5121.4 | 5222.6 | 5000.3 | 4853.5 | 4772.1 |
| 22.5° | 5516.2 | 4940.8 | 4506.3 | 4542.0  | 4730.5 | 5282.1 | 5762.3 | 5639.3 | 5365.4 | 5248.4 |
| 25°   | 6026.2 | 5055.9 | 4557.8 | 4581.7  | 4839.6 | 5506.3 | 6250.4 | 6341.7 | 6179.0 | 6155.2 |
| 27.5° | 6524.2 | 5353.5 | 4670.9 | 4617.4  | 4895.2 | 5724.6 | 6546.1 | 7036.2 | 6750.5 | 6694.9 |
| 30°   | 6778.2 | 5595.6 | 4839.6 | 4748.3  | 5125.3 | 5857.5 | 6724.7 | 7488.6 | 7238.6 | 7212.8 |
| 32.5° | 7167.1 | 5815.9 | 4970.6 | 4853.5  | 5254.3 | 6022.2 | 7058.0 | 7982.7 | 7740.6 | 7611.6 |
| 35°   | 7329.9 | 6056.0 | 5258.3 | 5121.4  | 5623.4 | 6252.4 | 7228.7 | 8423.2 | 8347.8 | 8222.8 |
| 37.5° | 7643.4 | 6313.9 | 5597.6 | 5589.7  | 6069.9 | 6552.0 | 7536.2 | 9022.4 | 9008.5 | 8792.3 |
| 40°   | 7669.2 | 6595.7 | 6133.3 | 6383.4  | 6760.4 | 7073.9 | 7806.1 | 9189.1 | 9415.3 | 9268.5 |
| 42.5° | 7708.8 | 7089.8 | 7060.0 | 7266.4  | 7589.8 | 7522.3 | 7816.0 | 9228.8 | 9574.1 | 9486.7 |
| 45°   | 7726.7 | 7583.8 | 8002.5 | 8383.5  | 8518.4 | 8109.7 | 7722.7 | 9153.4 | 9657.4 | 9439.1 |
| 47.5° | 7583.8 | 8008.5 | 8764.5 | 9500.6  | 9540.3 | 8470.8 | 7683.1 | 9076.0 | 9707.0 | 9562.1 |
| 50°   | 7603.7 | 8274.4 | 9423.2 | 10082.0 | 9937.2 | 8790.3 | 7621.5 | 9028.4 | 9681.2 | 9584.0 |
| 52°   | 7556.1 | 8280.3 | 9516.5 | 10070.1 | 9968.9 | 8613.7 | 7516.4 | 8845.8 | 9657.4 | 9726.8 |
| 52.5° | 7609.6 | 8244.6 | 9419.3 | 10078.1 | 9947.1 | 8701.0 | 7502.5 | 8947.0 | 9671.3 | 9530.4 |
| 55°   | 7425.1 | 7820.0 | 8849.8 | 9129.6  | 9109.7 | 7897.4 | 7075.9 | 8611.7 | 9308.2 | 9310.1 |
| 57.5° | 6710.8 | 6778.2 | 6940.9 | 6935.0  | 6843.7 | 6208.7 | 6052.0 | 7919.2 | 8298.2 | 8091.8 |
| 60°   | 5913.1 | 4962.6 | 4524.1 | 4345.5  | 4244.3 | 4141.1 | 5353.5 | 7244.5 | 7280.2 | 7192.9 |
| 62.5° | 5109.5 | 3440.7 | 2857.3 | 2807.7  | 2831.5 | 3208.5 | 5174.9 | 6976.7 | 6762.4 | 6573.9 |
| 65°   | 4123.3 | 2508.1 | 2075.5 | 2010.1  | 2242.2 | 2649.0 | 4188.8 | 5349.6 | 5020.2 | 4863.4 |
| 67.5° | 2589.5 | 1829.5 | 1402.9 | 1279.8  | 1559.6 | 1823.5 | 2752.2 | 3361.3 | 2992.3 | 2776.0 |
| 70°   | 1535.8 | 1021.9 | 635.0  | 569.5   | 640.9  | 972.3  | 1541.8 | 1676.7 | 1387.0 | 1275.9 |
| 72.5° | 605.2  | 375.0  | 176.6  | 150.8   | 156.8  | 341.3  | 567.5  | 553.6  | 418.7  | 373.0  |
| 75°   | 162.7  | 113.1  | 61.5   | 49.6    | 41.7   | 63.5   | 91.3   | 59.5   | 21.8   | 27.8   |
| 77.5° | 75.4   | 67.5   | 53.6   | 41.7    | 31.7   | 23.8   | 11.9   | 4.0    | 4.0    | 2.0    |
| 80°   | 65.5   | 57.5   | 49.6   | 41.7    | 31.7   | 19.8   | 9.9    | 2.0    | 2.0    | 2.0    |
| 82.5° | 61.5   | 53.6   | 45.6   | 37.7    | 29.8   | 19.8   | 9.9    | 2.0    | 0.0    | 0.0    |
| 85°   | 25.8   | 33.7   | 37.7   | 35.7    | 31.7   | 19.8   | 9.9    | 2.0    | 0.0    | 0.0    |
| 87.5° | 13.9   | 11.9   | 9.9    | 7.9     | 6.0    | 4.0    | 4.0    | 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    |

(END OF REPORT)