

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: P532969

Luminaire Tested: **GALN-SA8B-760-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P532969  
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-SA8B-760-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 5700K, 800mA 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: 25402 lumens  
Efficiency: N/A  
Efficacy: 78.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G2

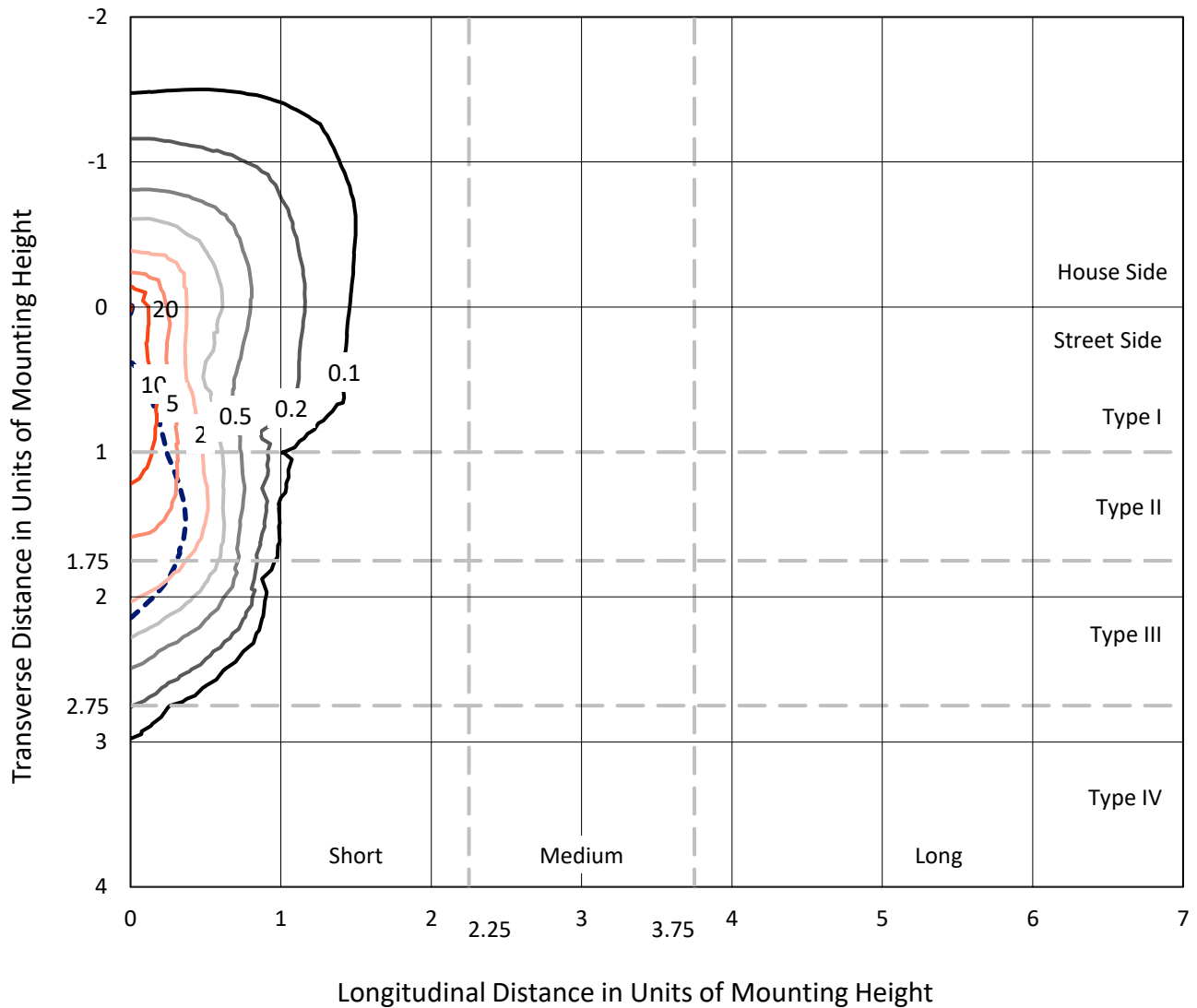
Input Watts (W): 325  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P532969  
 CATALOG NUMBER: GALN-SA8B-760-U-SLR-GRSBK

### Iso-Footcandle Lines of Horizontal Illumination

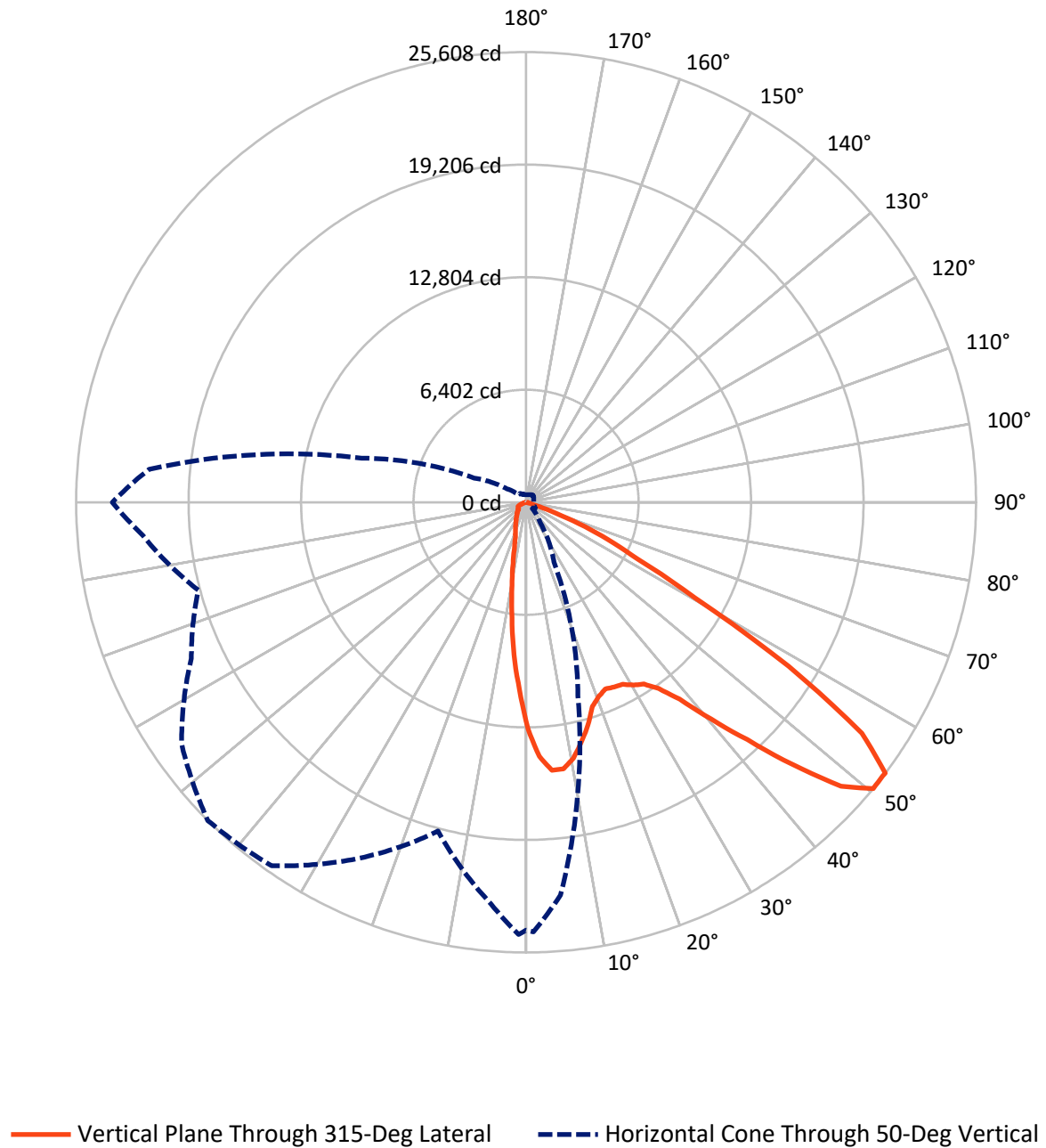
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.6 fc  
 Type III - Short - N/A

REPORT NUMBER: P532969  
CATALOG NUMBER: GALN-SA8B-760-U-SLR-GRSBK

### Luminous Intensity Polar Plot



REPORT NUMBER: P532969  
 CATALOG NUMBER: GALN-SA8B-760-U-SLR-GRSBK

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5088.0   | 0.0    | 5088.0  |
|                    | % Fixture | 20.0     | 0.0    | 20.0    |
| <b>Street Side</b> | Lumens    | 20314.0  | 0.0    | 20314.0 |
|                    | % Fixture | 80.0     | 0.0    | 80.0    |
| <b>Total</b>       | Lumens    | 25402.0  | 0.0    | 25402.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 939.0   | 3.7       |
| 10°-20°   | 1866.2  | 7.3       |
| 20°-30°   | 2803.5  | 11.0      |
| 30°-40°   | 4208.0  | 16.6      |
| 40°-50°   | 5914.1  | 23.3      |
| 50°-60°   | 6379.4  | 25.1      |
| 60°-70°   | 2961.9  | 11.7      |
| 70°-80°   | 278.7   | 1.1       |
| 80°-90°   | 51.4    | 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°    | 25402.0 | 100.0     |
| 0°-180°   | 25402.0 | 100.0     |

**Coefficient of Utilization**



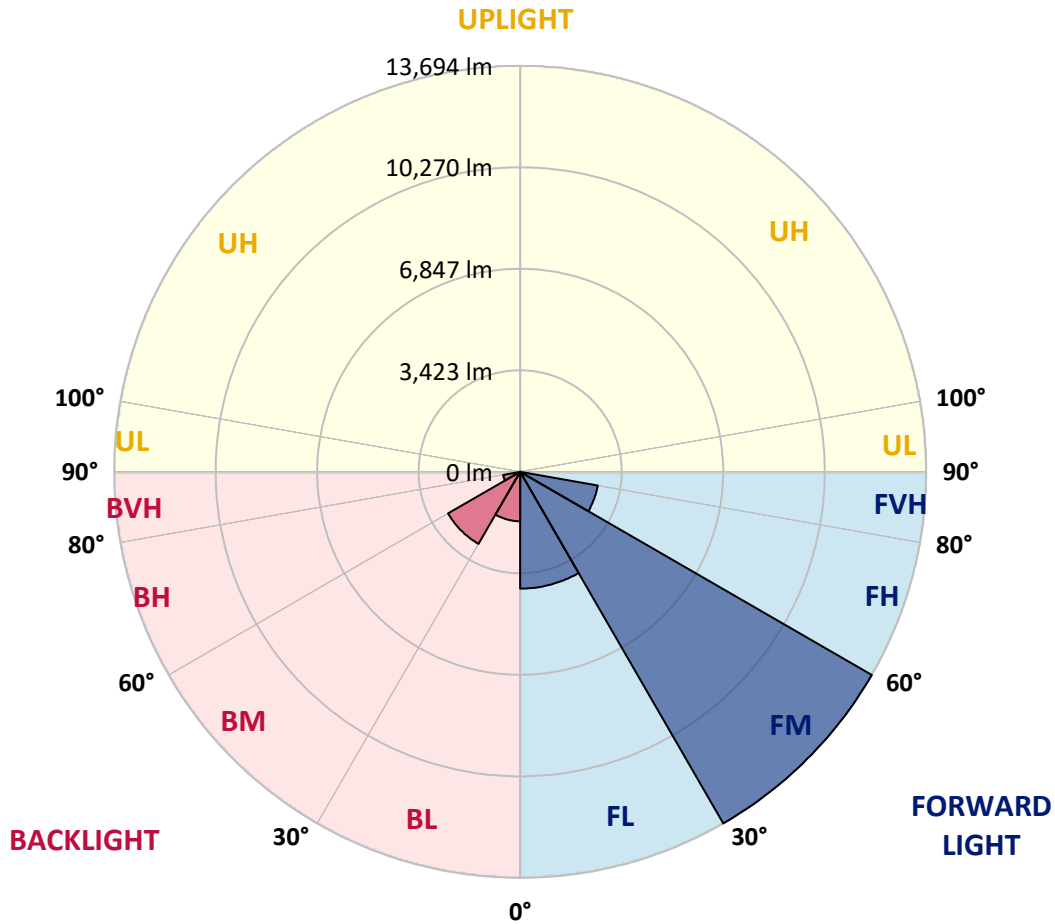
REPORT NUMBER: P532969  
 CATALOG NUMBER: GALN-SA8B-760-U-SLR-GRSBK

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

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 3940.9  | 15.5      |                         |      |         |
| FM (30°-60°)   | 13693.6 | 53.9      |                         |      |         |
| FH (60°-80°)   | 2656.4  | 10.5      |                         |      | G2/5000 |
| FVH (80°-90°)  | 23.1    | 0.1       |                         |      | G1/100  |
| BL (0°-30°)    | 1667.7  | 6.6       | B3/2500                 |      |         |
| BM (30°-60°)   | 2807.8  | 11.1      | B3/5000                 |      |         |
| BH (60°-80°)   | 584.2   | 2.3       | B2/1000                 |      | G2/1000 |
| BVH (80°-90°)  | 28.2    | 0.1       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G2**

Type III Short





REPORT NUMBER: P532969

CATALOG NUMBER: GALN-SA8B-760-U-SLR-GRSBK

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 |
| 2.5°  | 13391.0 | 13184.4 | 12922.3 | 12705.6 | 12383.1 | 11732.9 | 11556.5 | 11344.8 | 11168.4 | 10931.6 | 10598.9 |
| 5°    | 12176.4 | 12110.9 | 11990.0 | 11173.5 | 10583.8 | 9797.6  | 9152.5  | 8880.3  | 8522.5  | 8230.2  | 8018.5  |
| 7.5°  | 11249.1 | 10987.0 | 10604.0 | 9782.5  | 8840.0  | 7998.3  | 7282.7  | 6864.4  | 6390.6  | 6229.3  | 5942.1  |
| 10°   | 10256.2 | 10316.7 | 9752.2  | 8598.1  | 7459.1  | 6778.7  | 6335.2  | 5932.0  | 5503.6  | 5221.3  | 4813.1  |
| 12.5° | 9938.7  | 9742.2  | 9308.7  | 7882.4  | 6909.7  | 6274.7  | 5735.4  | 5236.5  | 4782.9  | 4329.3  | 3936.2  |
| 15°   | 10145.3 | 9842.9  | 9238.2  | 7731.2  | 6486.4  | 5695.1  | 5019.8  | 4344.4  | 3926.1  | 3346.5  | 2938.3  |
| 17.5° | 10886.2 | 10644.3 | 9832.9  | 7892.5  | 6269.7  | 5140.7  | 4137.8  | 3442.3  | 2802.2  | 2278.0  | 2071.4  |
| 20°   | 12121.0 | 11778.3 | 10760.2 | 8099.1  | 5947.1  | 4470.4  | 3356.6  | 2499.8  | 1895.0  | 1673.3  | 1557.3  |
| 22.5° | 13330.6 | 13144.1 | 11858.9 | 8497.3  | 5659.8  | 3875.7  | 2520.0  | 1683.3  | 1416.2  | 1375.9  | 1300.3  |
| 25°   | 15633.8 | 15074.4 | 13537.2 | 9218.0  | 5438.1  | 3316.3  | 1900.0  | 1355.7  | 1199.5  | 1169.3  | 1179.3  |
| 27.5° | 17004.7 | 16536.0 | 15089.5 | 9696.8  | 5191.1  | 2887.9  | 1607.7  | 1244.9  | 1139.0  | 1073.5  | 1048.3  |
| 30°   | 18320.1 | 17775.8 | 15860.6 | 9979.0  | 4661.9  | 2434.3  | 1426.3  | 1194.5  | 1169.3  | 1073.5  | 1043.3  |
| 32.5° | 19333.1 | 18798.9 | 16974.4 | 10402.4 | 4445.2  | 2142.0  | 1174.3  | 932.4   | 866.9   | 856.8   | 947.5   |
| 35°   | 20885.4 | 20315.9 | 17927.0 | 10634.2 | 4278.9  | 1990.8  | 1018.1  | 831.6   | 756.0   | 725.7   | 730.8   |
| 37.5° | 22331.9 | 21943.8 | 18809.0 | 10724.9 | 4102.5  | 1945.4  | 912.2   | 745.9   | 680.4   | 660.2   | 655.2   |
| 40°   | 23541.4 | 22674.6 | 19645.6 | 10820.7 | 4026.9  | 1859.7  | 846.7   | 680.4   | 635.0   | 604.8   | 604.8   |
| 42.5° | 24095.8 | 23213.8 | 20583.0 | 10765.3 | 4006.7  | 1723.7  | 846.7   | 624.9   | 589.7   | 559.4   | 554.4   |
| 45°   | 23974.9 | 23617.0 | 21001.3 | 10740.1 | 4006.7  | 1587.6  | 771.1   | 609.8   | 559.4   | 519.1   | 509.0   |
| 47.5° | 24287.3 | 23818.6 | 21525.5 | 10845.9 | 3926.1  | 1491.8  | 650.1   | 640.1   | 529.2   | 478.8   | 468.7   |
| 50°   | 24342.8 | 24433.5 | 22437.7 | 11395.2 | 3749.7  | 1370.9  | 509.0   | 630.0   | 509.0   | 433.4   | 423.4   |
| 52°   | 24705.7 | 24141.2 | 22714.9 | 11687.6 | 3563.2  | 1280.1  | 428.4   | 539.3   | 488.9   | 403.2   | 393.1   |
| 52.5° | 24206.7 | 24574.6 | 22780.4 | 11793.4 | 3583.4  | 1219.7  | 413.3   | 529.2   | 478.8   | 403.2   | 378.0   |
| 55°   | 23647.3 | 24000.1 | 22513.3 | 12020.2 | 3286.0  | 957.6   | 322.6   | 383.0   | 433.4   | 352.8   | 337.7   |
| 57.5° | 20552.8 | 20910.6 | 19564.9 | 11007.2 | 2676.2  | 675.3   | 267.1   | 287.3   | 383.0   | 327.6   | 312.5   |
| 60°   | 18269.7 | 18012.6 | 16420.0 | 9182.7  | 1900.0  | 378.0   | 211.7   | 221.8   | 418.3   | 302.4   | 297.4   |
| 62.5° | 16697.2 | 16147.9 | 13723.7 | 7091.2  | 1159.2  | 252.0   | 166.3   | 171.4   | 322.6   | 282.2   | 282.2   |
| 65°   | 12352.8 | 11738.0 | 9117.2  | 4289.0  | 569.5   | 176.4   | 126.0   | 136.1   | 201.6   | 241.9   | 241.9   |
| 67.5° | 7050.8  | 6814.0  | 4404.9  | 1935.3  | 236.9   | 110.9   | 95.8    | 105.8   | 156.2   | 196.6   | 186.5   |
| 70°   | 3240.7  | 2908.0  | 1693.4  | 408.2   | 110.9   | 75.6    | 75.6    | 85.7    | 126.0   | 146.2   | 136.1   |
| 72.5° | 947.5   | 897.1   | 413.3   | 65.5    | 45.4    | 45.4    | 50.4    | 65.5    | 95.8    | 110.9   | 100.8   |
| 75°   | 70.6    | 45.4    | 30.2    | 20.2    | 20.2    | 30.2    | 40.3    | 65.5    | 95.8    | 105.8   | 85.7    |
| 77.5° | 5.0     | 10.1    | 5.0     | 5.0     | 15.1    | 30.2    | 45.4    | 80.6    | 126.0   | 131.0   | 95.8    |
| 80°   | 5.0     | 5.0     | 0.0     | 5.0     | 15.1    | 30.2    | 50.4    | 90.7    | 141.1   | 151.2   | 80.6    |
| 82.5° | 0.0     | 0.0     | 0.0     | 5.0     | 20.2    | 40.3    | 60.5    | 95.8    | 131.0   | 161.3   | 85.7    |
| 85°   | 0.0     | 0.0     | 0.0     | 5.0     | 30.2    | 55.4    | 70.6    | 25.2    | 15.1    | 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: P532969

CATALOG NUMBER: GALN-SA8B-760-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 90°     | 95°     | 105°    | 115°    | 125°    | 135°    | 145°    | 155°    | 165°    | 175°    | 180°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 |
| 2.5°  | 10835.8 | 10704.8 | 10654.4 | 10699.7 | 10684.6 | 10669.5 | 10946.7 | 10886.2 | 10876.1 | 10966.8 | 10946.7 |
| 5°    | 8134.4  | 7902.6  | 8537.6  | 8280.6  | 8547.7  | 8709.0  | 8739.2  | 8754.3  | 8940.8  | 8744.2  | 9001.3  |
| 7.5°  | 5795.9  | 5856.4  | 5851.3  | 6022.7  | 6330.1  | 6602.3  | 6763.6  | 6637.6  | 6627.5  | 6602.3  | 6491.4  |
| 10°   | 4631.7  | 4525.8  | 4505.7  | 4465.4  | 4561.1  | 4793.0  | 4989.5  | 4833.3  | 4722.4  | 4873.6  | 4828.2  |
| 12.5° | 3785.0  | 3638.8  | 3558.2  | 3396.9  | 3401.9  | 3558.2  | 3558.2  | 3558.2  | 3669.1  | 3754.7  | 3820.3  |
| 15°   | 2903.0  | 2782.0  | 2782.0  | 2620.8  | 2585.5  | 2590.5  | 2671.2  | 2681.2  | 2857.6  | 2908.0  | 2933.2  |
| 17.5° | 2031.1  | 1965.6  | 2041.2  | 2106.7  | 2066.4  | 2076.4  | 2106.7  | 2116.8  | 2142.0  | 2121.8  | 2172.2  |
| 20°   | 1562.4  | 1552.3  | 1572.5  | 1688.4  | 1774.0  | 1824.4  | 1789.2  | 1738.8  | 1708.5  | 1638.0  | 1638.0  |
| 22.5° | 1325.5  | 1345.7  | 1380.9  | 1476.7  | 1587.6  | 1617.8  | 1577.5  | 1461.6  | 1370.9  | 1360.8  | 1365.8  |
| 25°   | 1179.3  | 1199.5  | 1254.9  | 1315.4  | 1375.9  | 1426.3  | 1386.0  | 1300.3  | 1249.9  | 1204.5  | 1204.5  |
| 27.5° | 1088.6  | 1098.7  | 1128.9  | 1174.3  | 1224.7  | 1265.0  | 1249.9  | 1204.5  | 1149.1  | 1128.9  | 1083.6  |
| 30°   | 1018.1  | 1033.2  | 1068.5  | 1078.5  | 1123.9  | 1144.1  | 1118.9  | 1108.8  | 1073.5  | 1048.3  | 1033.2  |
| 32.5° | 982.8   | 977.7   | 1002.9  | 1013.0  | 1018.1  | 1033.2  | 1002.9  | 1018.1  | 1013.0  | 972.7   | 957.6   |
| 35°   | 740.9   | 781.2   | 846.7   | 902.1   | 917.3   | 937.4   | 932.4   | 912.2   | 856.8   | 811.4   | 756.0   |
| 37.5° | 665.3   | 690.5   | 725.7   | 771.1   | 831.6   | 856.8   | 846.7   | 796.3   | 730.8   | 700.5   | 690.5   |
| 40°   | 614.9   | 630.0   | 660.2   | 690.5   | 750.9   | 796.3   | 761.0   | 715.7   | 665.3   | 640.1   | 624.9   |
| 42.5° | 569.5   | 574.6   | 589.7   | 619.9   | 665.3   | 735.8   | 675.3   | 614.9   | 594.7   | 579.6   | 569.5   |
| 45°   | 519.1   | 519.1   | 539.3   | 554.4   | 604.8   | 670.3   | 609.8   | 554.4   | 544.3   | 534.2   | 529.2   |
| 47.5° | 478.8   | 483.8   | 493.9   | 514.1   | 554.4   | 599.7   | 559.4   | 514.1   | 488.9   | 483.8   | 473.8   |
| 50°   | 428.4   | 433.4   | 453.6   | 473.8   | 524.2   | 549.4   | 524.2   | 473.8   | 448.6   | 433.4   | 433.4   |
| 52°   | 388.1   | 403.2   | 423.4   | 463.7   | 499.0   | 539.3   | 509.0   | 453.6   | 423.4   | 408.2   | 398.2   |
| 52.5° | 383.0   | 393.1   | 413.3   | 458.6   | 499.0   | 534.2   | 504.0   | 448.6   | 413.3   | 403.2   | 393.1   |
| 55°   | 342.7   | 357.8   | 393.1   | 448.6   | 493.9   | 534.2   | 493.9   | 443.5   | 393.1   | 367.9   | 357.8   |
| 57.5° | 327.6   | 337.7   | 383.0   | 453.6   | 488.9   | 534.2   | 493.9   | 443.5   | 393.1   | 347.8   | 337.7   |
| 60°   | 312.5   | 332.6   | 383.0   | 438.5   | 483.8   | 539.3   | 499.0   | 438.5   | 383.0   | 327.6   | 327.6   |
| 62.5° | 297.4   | 312.5   | 378.0   | 428.4   | 463.7   | 519.1   | 478.8   | 428.4   | 367.9   | 312.5   | 307.4   |
| 65°   | 257.0   | 282.2   | 332.6   | 357.8   | 398.2   | 448.6   | 408.2   | 373.0   | 322.6   | 277.2   | 272.2   |
| 67.5° | 196.6   | 206.6   | 247.0   | 277.2   | 302.4   | 347.8   | 327.6   | 282.2   | 247.0   | 211.7   | 211.7   |
| 70°   | 136.1   | 146.2   | 176.4   | 191.5   | 216.7   | 241.9   | 226.8   | 191.5   | 166.3   | 146.2   | 141.1   |
| 72.5° | 95.8    | 100.8   | 110.9   | 121.0   | 131.0   | 141.1   | 136.1   | 110.9   | 95.8    | 90.7    | 85.7    |
| 75°   | 75.6    | 85.7    | 90.7    | 85.7    | 80.6    | 75.6    | 75.6    | 65.5    | 55.4    | 50.4    | 50.4    |
| 77.5° | 75.6    | 80.6    | 75.6    | 65.5    | 55.4    | 50.4    | 45.4    | 40.3    | 30.2    | 25.2    | 30.2    |
| 80°   | 65.5    | 65.5    | 65.5    | 55.4    | 50.4    | 45.4    | 40.3    | 35.3    | 30.2    | 25.2    | 25.2    |
| 82.5° | 70.6    | 70.6    | 65.5    | 55.4    | 55.4    | 45.4    | 45.4    | 40.3    | 35.3    | 25.2    | 25.2    |
| 85°   | 0.0     | 0.0     | 0.0     | 10.1    | 25.2    | 45.4    | 45.4    | 40.3    | 35.3    | 30.2    | 30.2    |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 5.0     | 10.1    | 20.2    | 25.2    | 30.2    | 30.2    | 30.2    |
| 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: P532969

CATALOG NUMBER: GALN-SA8B-760-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 185°    | 195°    | 205°    | 215°    | 225°    | 235°    | 245°    | 255°    | 265°    | 270°    | 275°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 |
| 2.5°  | 11128.1 | 11319.6 | 11682.5 | 12045.4 | 12267.1 | 12529.2 | 13003.0 | 13255.0 | 13582.6 | 13743.8 | 14061.4 |
| 5°    | 8966.0  | 9419.6  | 9580.9  | 9994.1  | 10437.7 | 10881.2 | 11586.8 | 12362.9 | 13008.0 | 13451.5 | 14026.1 |
| 7.5°  | 6541.8  | 6647.6  | 7272.6  | 7549.8  | 8275.5  | 9081.9  | 10044.5 | 11022.3 | 11838.8 | 12564.5 | 13003.0 |
| 10°   | 4903.8  | 5291.9  | 5685.0  | 6214.2  | 6798.8  | 7630.4  | 8552.7  | 9631.3  | 10689.7 | 11415.4 | 11969.8 |
| 12.5° | 3941.2  | 4248.6  | 4772.8  | 5342.3  | 6063.0  | 6612.4  | 7539.7  | 8608.2  | 9979.0  | 10689.7 | 11420.4 |
| 15°   | 2983.6  | 3376.7  | 3971.5  | 4561.1  | 5322.1  | 5901.7  | 6839.2  | 8184.8  | 9948.8  | 10926.5 | 11556.5 |
| 17.5° | 2212.5  | 2479.6  | 3013.9  | 3674.1  | 4450.2  | 5266.7  | 6531.7  | 8139.5  | 10286.5 | 11450.7 | 12100.8 |
| 20°   | 1693.4  | 1784.1  | 2121.8  | 2711.5  | 3553.1  | 4621.6  | 6032.8  | 8336.0  | 11284.4 | 12725.8 | 13386.0 |
| 22.5° | 1370.9  | 1411.2  | 1542.2  | 1950.4  | 2766.9  | 4057.1  | 5795.9  | 8472.1  | 12408.3 | 14252.9 | 15134.9 |
| 25°   | 1194.5  | 1184.4  | 1270.1  | 1446.5  | 2162.1  | 3527.9  | 5493.5  | 8986.2  | 13784.2 | 16047.1 | 16838.3 |
| 27.5° | 1088.6  | 1088.6  | 1128.9  | 1254.9  | 1794.2  | 3185.2  | 5302.0  | 9354.1  | 15170.1 | 17624.6 | 18053.0 |
| 30°   | 1033.2  | 1043.3  | 1159.2  | 1199.5  | 1491.8  | 2777.0  | 4984.5  | 9727.0  | 16495.6 | 18632.6 | 19222.2 |
| 32.5° | 957.6   | 917.3   | 892.1   | 992.9   | 1254.9  | 2409.1  | 4667.0  | 9883.3  | 17569.1 | 19867.3 | 20371.3 |
| 35°   | 735.8   | 715.7   | 745.9   | 821.5   | 1078.5  | 2096.6  | 4314.2  | 10059.7 | 18803.9 | 21298.7 | 21399.5 |
| 37.5° | 665.3   | 660.2   | 680.4   | 745.9   | 907.2   | 1824.4  | 4062.2  | 10014.3 | 19746.4 | 22483.0 | 22210.9 |
| 40°   | 614.9   | 614.9   | 630.0   | 685.4   | 811.4   | 1632.9  | 3800.1  | 9974.0  | 20658.6 | 23813.6 | 23017.3 |
| 42.5° | 574.6   | 574.6   | 599.7   | 635.0   | 771.1   | 1506.9  | 3603.5  | 9918.5  | 21424.7 | 24630.1 | 23491.0 |
| 45°   | 519.1   | 534.2   | 574.6   | 609.8   | 781.2   | 1421.3  | 3457.4  | 9706.9  | 21686.7 | 24620.0 | 23264.2 |
| 47.5° | 478.8   | 499.0   | 539.3   | 589.7   | 705.6   | 1396.1  | 3356.6  | 9520.4  | 21596.0 | 24015.2 | 22553.6 |
| 50°   | 433.4   | 458.6   | 514.1   | 599.7   | 599.7   | 1345.7  | 3250.7  | 9686.7  | 21530.5 | 23546.5 | 21873.2 |
| 52°   | 403.2   | 423.4   | 493.9   | 584.6   | 524.2   | 1239.8  | 3185.2  | 10009.3 | 21797.6 | 23486.0 | 21570.8 |
| 52.5° | 398.2   | 413.3   | 478.8   | 574.6   | 499.0   | 1219.7  | 3139.9  | 10084.9 | 21883.3 | 23334.8 | 21777.5 |
| 55°   | 352.8   | 373.0   | 438.5   | 448.6   | 408.2   | 1002.9  | 2993.7  | 10256.2 | 21459.9 | 23037.4 | 21580.9 |
| 57.5° | 332.6   | 342.7   | 388.1   | 367.9   | 352.8   | 756.0   | 2575.4  | 9989.1  | 19060.9 | 20462.0 | 20079.0 |
| 60°   | 307.4   | 317.5   | 362.9   | 287.3   | 297.4   | 529.2   | 1935.3  | 8673.7  | 15306.2 | 17050.0 | 17740.5 |
| 62.5° | 297.4   | 292.3   | 342.7   | 231.8   | 252.0   | 383.0   | 1365.8  | 7050.8  | 11793.4 | 14036.2 | 15230.6 |
| 65°   | 262.1   | 257.0   | 247.0   | 196.6   | 216.7   | 297.4   | 816.5   | 4601.4  | 8310.8  | 10619.1 | 11274.3 |
| 67.5° | 201.6   | 211.7   | 181.4   | 156.2   | 181.4   | 231.8   | 453.6   | 2061.3  | 4359.5  | 6370.4  | 6899.6  |
| 70°   | 141.1   | 151.2   | 146.2   | 136.1   | 161.3   | 191.5   | 262.1   | 705.6   | 1804.3  | 3346.5  | 3689.2  |
| 72.5° | 85.7    | 105.8   | 110.9   | 115.9   | 141.1   | 166.3   | 186.5   | 226.8   | 478.8   | 1184.4  | 1471.7  |
| 75°   | 50.4    | 70.6    | 85.7    | 100.8   | 115.9   | 141.1   | 156.2   | 161.3   | 166.3   | 221.8   | 357.8   |
| 77.5° | 35.3    | 50.4    | 75.6    | 95.8    | 115.9   | 141.1   | 166.3   | 176.4   | 166.3   | 156.2   | 166.3   |
| 80°   | 30.2    | 50.4    | 70.6    | 90.7    | 121.0   | 146.2   | 166.3   | 166.3   | 161.3   | 141.1   | 151.2   |
| 82.5° | 30.2    | 50.4    | 75.6    | 95.8    | 115.9   | 141.1   | 161.3   | 166.3   | 151.2   | 141.1   | 146.2   |
| 85°   | 35.3    | 55.4    | 80.6    | 100.8   | 126.0   | 115.9   | 105.8   | 85.7    | 80.6    | 65.5    | 70.6    |
| 87.5° | 35.3    | 50.4    | 50.4    | 55.4    | 60.5    | 60.5    | 60.5    | 55.4    | 45.4    | 40.3    | 40.3    |
| 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: P532969

CATALOG NUMBER: GALN-SA8B-760-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 | 12882.0 |
| 2.5°  | 14076.5 | 14479.7 | 14464.5 | 14474.6 | 14414.1 | 14005.9 | 13809.4 | 13310.4 | 13451.5 | 13391.0 |
| 5°    | 14615.7 | 15013.9 | 15356.6 | 15316.3 | 14852.6 | 14298.2 | 13476.7 | 12700.6 | 12488.9 | 12176.4 |
| 7.5°  | 14076.5 | 15034.1 | 15351.6 | 15306.2 | 14620.8 | 13910.2 | 12599.8 | 11823.6 | 11455.7 | 11249.1 |
| 10°   | 13219.7 | 14328.5 | 14721.6 | 14802.2 | 14338.6 | 13260.0 | 12055.5 | 10810.6 | 10614.1 | 10256.2 |
| 12.5° | 12730.8 | 13537.2 | 13779.1 | 13995.8 | 13834.6 | 13028.2 | 11642.2 | 10447.7 | 10175.6 | 9938.7  |
| 15°   | 12332.7 | 12811.5 | 12912.3 | 13159.2 | 13255.0 | 12821.5 | 11858.9 | 10840.9 | 10170.5 | 10145.3 |
| 17.5° | 12700.6 | 12504.0 | 12136.1 | 12211.7 | 12514.1 | 12826.6 | 12418.3 | 11617.0 | 10966.8 | 10886.2 |
| 20°   | 13310.4 | 12443.5 | 11612.0 | 11798.4 | 12050.4 | 13008.0 | 13265.0 | 12700.6 | 12327.6 | 12121.0 |
| 22.5° | 14011.0 | 12549.4 | 11445.6 | 11536.4 | 12015.2 | 13416.2 | 14635.9 | 14323.4 | 13627.9 | 13330.6 |
| 25°   | 15306.2 | 12841.7 | 11576.7 | 11637.2 | 12292.3 | 13985.8 | 15875.7 | 16107.6 | 15694.3 | 15633.8 |
| 27.5° | 16571.2 | 13597.7 | 11864.0 | 11727.9 | 12433.5 | 14540.1 | 16626.7 | 17871.5 | 17145.8 | 17004.7 |
| 30°   | 17216.3 | 14212.6 | 12292.3 | 12060.5 | 13018.1 | 14877.8 | 17080.3 | 19020.6 | 18385.6 | 18320.1 |
| 32.5° | 18204.2 | 14772.0 | 12625.0 | 12327.6 | 13345.7 | 15296.1 | 17927.0 | 20275.6 | 19660.7 | 19333.1 |
| 35°   | 18617.4 | 15381.8 | 13355.8 | 13008.0 | 14283.1 | 15880.8 | 18360.4 | 21394.4 | 21202.9 | 20885.4 |
| 37.5° | 19413.7 | 16037.0 | 14217.6 | 14197.4 | 15417.1 | 16641.8 | 19141.6 | 22916.5 | 22881.2 | 22331.9 |
| 40°   | 19479.3 | 16752.7 | 15578.4 | 16213.4 | 17171.0 | 17967.3 | 19827.0 | 23339.8 | 23914.4 | 23541.4 |
| 42.5° | 19580.1 | 18007.6 | 17932.0 | 18456.2 | 19277.7 | 19106.3 | 19852.2 | 23440.6 | 24317.6 | 24095.8 |
| 45°   | 19625.4 | 19262.5 | 20326.0 | 21293.6 | 21636.3 | 20598.1 | 19615.3 | 23249.1 | 24529.3 | 23974.9 |
| 47.5° | 19262.5 | 20341.1 | 22261.3 | 24131.1 | 24231.9 | 21515.4 | 19514.5 | 23052.6 | 24655.3 | 24287.3 |
| 50°   | 19312.9 | 21016.4 | 23934.5 | 25607.8 | 25239.9 | 22326.8 | 19358.3 | 22931.6 | 24589.7 | 24342.8 |
| 52°   | 19192.0 | 21031.6 | 24171.4 | 25577.6 | 25320.5 | 21878.3 | 19091.2 | 22467.9 | 24529.3 | 24705.7 |
| 52.5° | 19328.1 | 20940.8 | 23924.5 | 25597.7 | 25265.1 | 22100.0 | 19055.9 | 22725.0 | 24564.5 | 24206.7 |
| 55°   | 18859.4 | 19862.3 | 22478.0 | 23188.6 | 23138.2 | 20058.9 | 17972.3 | 21873.2 | 23642.2 | 23647.3 |
| 57.5° | 17045.0 | 17216.3 | 17629.6 | 17614.5 | 17382.7 | 15769.9 | 15371.7 | 20114.3 | 21076.9 | 20552.8 |
| 60°   | 15018.9 | 12604.8 | 11491.0 | 11037.4 | 10780.4 | 10518.3 | 13597.7 | 18400.7 | 18491.4 | 18269.7 |
| 62.5° | 12977.8 | 8739.2  | 7257.5  | 7131.5  | 7192.0  | 8149.5  | 13144.1 | 17720.3 | 17176.0 | 16697.2 |
| 65°   | 10472.9 | 6370.4  | 5271.7  | 5105.4  | 5695.1  | 6728.3  | 10639.3 | 13587.6 | 12751.0 | 12352.8 |
| 67.5° | 6577.1  | 4646.8  | 3563.2  | 3250.7  | 3961.4  | 4631.7  | 6990.4  | 8537.6  | 7600.2  | 7050.8  |
| 70°   | 3900.9  | 2595.6  | 1612.8  | 1446.5  | 1627.9  | 2469.6  | 3916.0  | 4258.7  | 3522.9  | 3240.7  |
| 72.5° | 1537.2  | 952.5   | 448.6   | 383.0   | 398.2   | 866.9   | 1441.4  | 1406.1  | 1063.4  | 947.5   |
| 75°   | 413.3   | 287.3   | 156.2   | 126.0   | 105.8   | 161.3   | 231.8   | 151.2   | 55.4    | 70.6    |
| 77.5° | 191.5   | 171.4   | 136.1   | 105.8   | 80.6    | 60.5    | 30.2    | 10.1    | 10.1    | 5.0     |
| 80°   | 166.3   | 146.2   | 126.0   | 105.8   | 80.6    | 50.4    | 25.2    | 5.0     | 5.0     | 5.0     |
| 82.5° | 156.2   | 136.1   | 115.9   | 95.8    | 75.6    | 50.4    | 25.2    | 5.0     | 0.0     | 0.0     |
| 85°   | 65.5    | 85.7    | 95.8    | 90.7    | 80.6    | 50.4    | 25.2    | 5.0     | 0.0     | 0.0     |
| 87.5° | 35.3    | 30.2    | 25.2    | 20.2    | 15.1    | 10.1    | 10.1    | 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)