

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: P451452

Luminaire Tested: **GALN-SA2B-750-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P451452  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA2B-750-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(2) 70 CRI, 5000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9863 lumens  
Efficiency: N/A  
Efficacy: 120.3 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G2

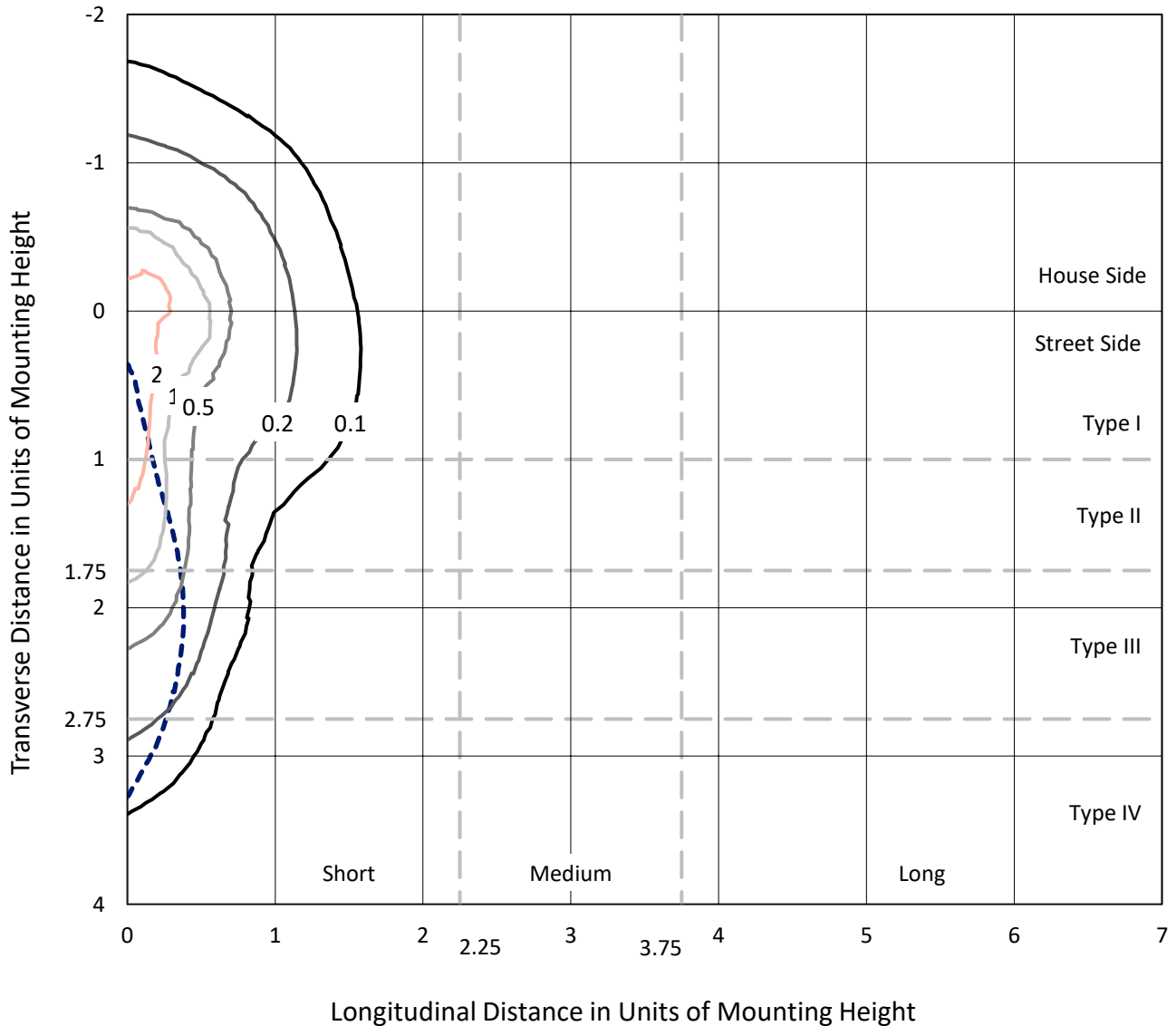
Input Watts (W): 82  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

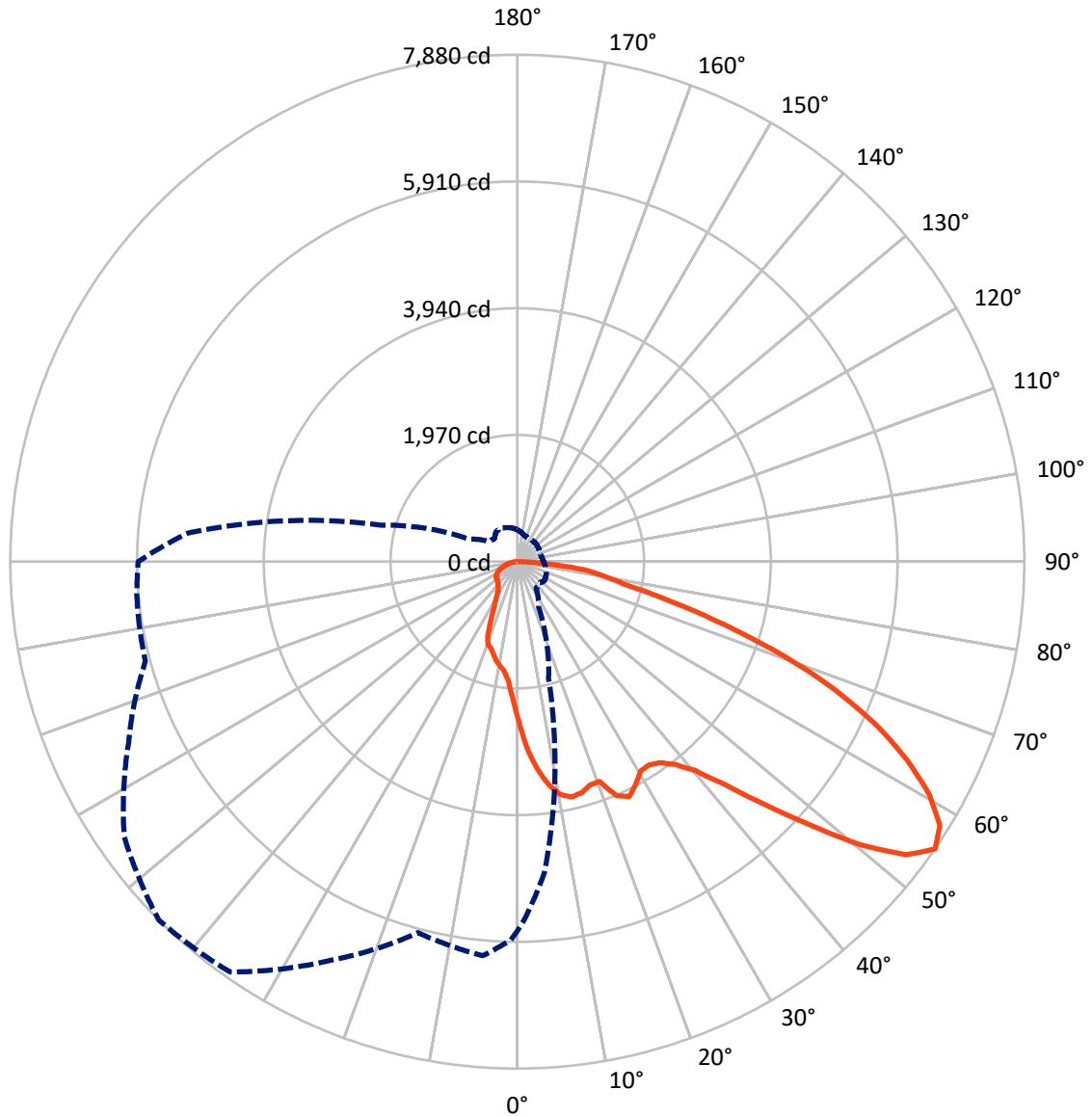
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.2 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 2157.5   | 0.0    | 2157.5 |
|                    | % Fixture | 21.9     | 0.0    | 21.9   |
| <b>Street Side</b> | Lumens    | 7705.5   | 0.0    | 7705.5 |
|                    | % Fixture | 78.1     | 0.0    | 78.1   |
| <b>Total</b>       | Lumens    | 9863.0   | 0.0    | 9863.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 209.8  | 2.1       |
| 10°-20°   | 556.6  | 5.6       |
| 20°-30°   | 961.5  | 9.7       |
| 30°-40°   | 1117.4 | 11.3      |
| 40°-50°   | 1559.0 | 15.8      |
| 50°-60°   | 2115.4 | 21.4      |
| 60°-70°   | 2012.5 | 20.4      |
| 70°-80°   | 1087.2 | 11.0      |
| 80°-90°   | 243.7  | 2.5       |
| 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°    | 9863.0 | 100.0     |
| 0°-180°   | 9863.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P451452

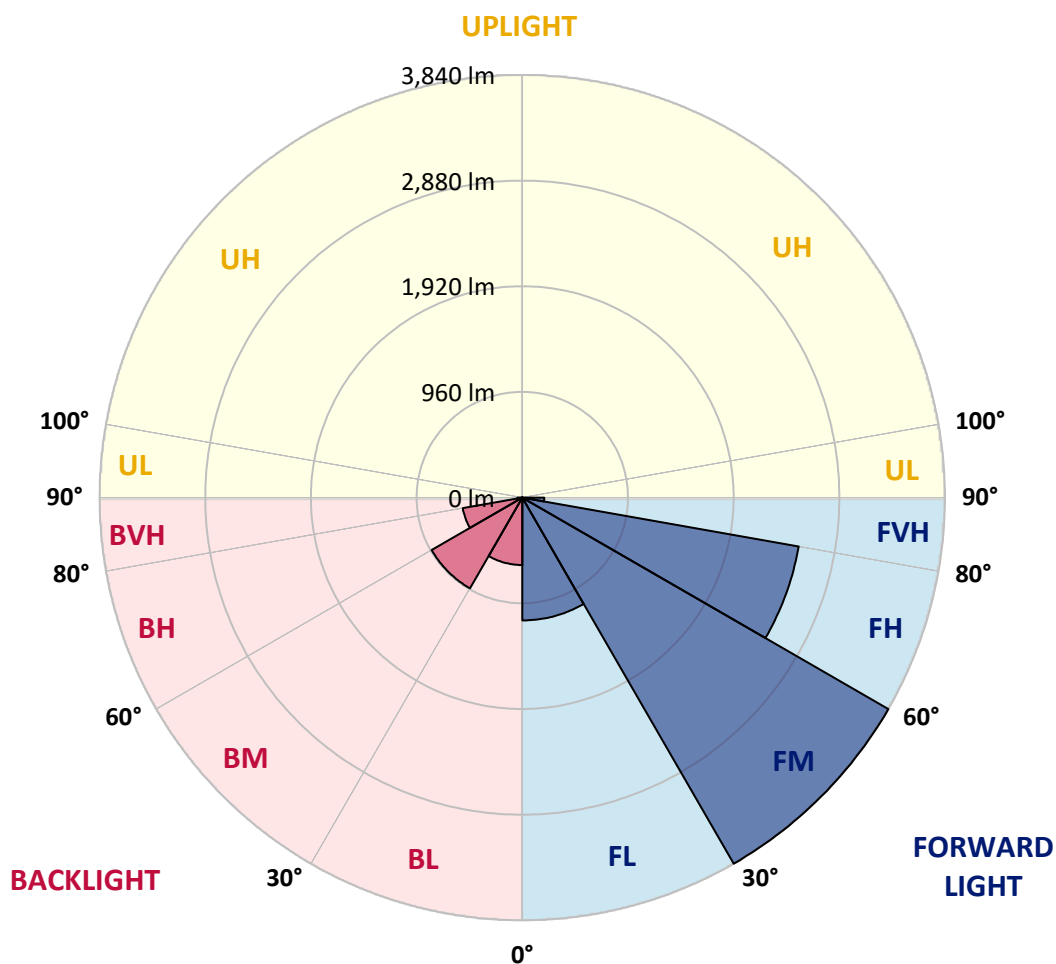
CATALOG NUMBER: GALN-SA2B-750-U-SLR

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1115.5 | 11.3      |                         |      |         |
| FM   | (30°-60°)   | 3840.4 | 38.9      |                         |      |         |
| FH   | (60°-80°)   | 2550.4 | 25.9      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 199.1  | 2.0       |                         |      | G2/225  |
| BL   | (0°-30°)    | 612.3  | 6.2       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 951.3  | 9.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 549.3  | 5.6       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 44.5   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G2**

Type IV Short





REPORT NUMBER: P451452  
 CATALOG NUMBER: GALN-SA2B-750-U-SLR

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 |
| 2.5°  | 2749.8 | 2739.4 | 2710.1 | 2633.3 | 2555.9 | 2477.2 | 2416.7 | 2341.2 | 2262.5 | 2220.2 | 2166.1 |
| 5°    | 2787.6 | 2775.8 | 2706.9 | 2533.8 | 2377.0 | 2212.3 | 2080.9 | 1965.7 | 1918.9 | 1849.9 | 1794.6 |
| 7.5°  | 2699.1 | 2693.9 | 2590.4 | 2341.8 | 2127.1 | 1911.7 | 1762.7 | 1670.3 | 1586.4 | 1555.2 | 1561.7 |
| 10°   | 2618.4 | 2597.6 | 2468.1 | 2143.4 | 1892.9 | 1717.8 | 1611.1 | 1520.7 | 1461.5 | 1445.8 | 1449.1 |
| 12.5° | 2551.4 | 2523.4 | 2370.5 | 2010.0 | 1790.7 | 1650.8 | 1514.8 | 1420.5 | 1366.5 | 1381.4 | 1432.2 |
| 15°   | 2537.7 | 2500.0 | 2329.5 | 1964.4 | 1734.7 | 1554.5 | 1405.5 | 1296.8 | 1256.5 | 1289.0 | 1370.4 |
| 17.5° | 2626.2 | 2578.7 | 2399.7 | 1979.4 | 1681.4 | 1456.2 | 1273.4 | 1149.1 | 1115.3 | 1167.3 | 1273.4 |
| 20°   | 2910.5 | 2840.3 | 2619.0 | 2065.9 | 1676.2 | 1407.4 | 1196.6 | 1071.7 | 1086.0 | 1184.9 | 1295.5 |
| 22.5° | 3436.3 | 3330.9 | 3002.9 | 2192.2 | 1703.5 | 1395.1 | 1181.0 | 1115.9 | 1194.7 | 1278.6 | 1351.5 |
| 25°   | 3540.4 | 3457.8 | 3071.9 | 2220.8 | 1697.7 | 1386.6 | 1225.3 | 1257.8 | 1345.6 | 1387.3 | 1361.9 |
| 27.5° | 3599.0 | 3504.6 | 3067.4 | 2079.0 | 1518.1 | 1257.8 | 1171.2 | 1225.3 | 1247.4 | 1207.0 | 1138.1 |
| 30°   | 3735.6 | 3637.4 | 3144.8 | 1929.9 | 1250.0 | 933.1  | 817.9  | 795.8  | 810.8  | 818.6  | 793.8  |
| 32.5° | 3923.7 | 3826.7 | 3290.5 | 1832.3 | 1080.8 | 771.7  | 658.5  | 627.3  | 620.1  | 611.6  | 601.9  |
| 35°   | 4167.0 | 4018.0 | 3433.7 | 1769.9 | 1011.2 | 713.8  | 609.7  | 585.6  | 575.9  | 564.1  | 553.7  |
| 37.5° | 4414.3 | 4258.1 | 3614.6 | 1704.2 | 965.0  | 673.5  | 577.2  | 566.1  | 549.2  | 536.8  | 521.9  |
| 40°   | 4677.2 | 4502.1 | 3779.2 | 1646.9 | 920.1  | 647.4  | 553.7  | 552.4  | 530.3  | 516.0  | 498.4  |
| 42.5° | 4904.9 | 4724.7 | 3926.3 | 1611.8 | 885.6  | 620.1  | 539.4  | 543.3  | 520.6  | 499.1  | 476.3  |
| 45°   | 5085.8 | 4908.8 | 4062.3 | 1611.8 | 857.6  | 592.8  | 536.8  | 534.2  | 511.4  | 484.8  | 458.7  |
| 47.5° | 5244.6 | 5061.7 | 4195.0 | 1652.8 | 840.0  | 570.0  | 522.5  | 527.1  | 503.6  | 469.8  | 444.4  |
| 50°   | 5367.5 | 5206.2 | 4373.9 | 1716.5 | 822.5  | 551.8  | 504.3  | 529.0  | 497.1  | 462.0  | 432.7  |
| 52.5° | 5524.4 | 5379.9 | 4589.3 | 1803.7 | 807.5  | 531.6  | 488.0  | 529.0  | 496.5  | 462.6  | 430.8  |
| 55°   | 5741.7 | 5589.4 | 4848.9 | 1875.9 | 783.4  | 512.7  | 473.7  | 514.0  | 494.5  | 459.4  | 425.6  |
| 57.5° | 5894.0 | 5780.1 | 5032.4 | 1924.1 | 748.9  | 488.7  | 460.7  | 499.7  | 486.1  | 447.0  | 409.9  |
| 58°   | 5901.1 | 5789.8 | 5059.1 | 1935.2 | 740.5  | 484.1  | 457.4  | 493.2  | 482.2  | 441.8  | 404.7  |
| 60°   | 5819.1 | 5723.5 | 5064.3 | 1919.5 | 692.3  | 461.3  | 440.5  | 466.5  | 461.3  | 411.2  | 376.7  |
| 62.5° | 5521.1 | 5419.0 | 4854.2 | 1792.7 | 628.6  | 433.4  | 414.5  | 430.8  | 419.0  | 368.3  | 336.4  |
| 65°   | 5097.5 | 4909.5 | 4422.1 | 1593.5 | 583.0  | 403.4  | 379.4  | 380.7  | 368.3  | 331.9  | 303.9  |
| 67.5° | 4533.4 | 4323.2 | 3744.1 | 1343.0 | 548.5  | 370.2  | 337.7  | 334.5  | 319.5  | 296.1  | 273.3  |
| 70°   | 3839.1 | 3695.3 | 3042.6 | 1092.5 | 510.1  | 333.8  | 290.9  | 288.9  | 279.8  | 262.2  | 242.1  |
| 72.5° | 3111.6 | 2928.8 | 2457.0 | 874.5  | 463.3  | 298.7  | 247.3  | 251.2  | 239.5  | 227.1  | 208.9  |
| 75°   | 2296.3 | 2176.6 | 1899.4 | 701.4  | 400.2  | 260.3  | 206.3  | 207.6  | 202.4  | 189.4  | 175.0  |
| 77.5° | 1512.2 | 1476.4 | 1358.6 | 460.7  | 307.8  | 206.9  | 168.5  | 169.8  | 165.9  | 154.2  | 139.2  |
| 80°   | 1017.7 | 993.6  | 920.7  | 296.7  | 205.6  | 149.7  | 130.1  | 131.4  | 130.8  | 118.4  | 98.3   |
| 82.5° | 627.3  | 616.9  | 593.4  | 200.4  | 142.5  | 107.4  | 85.9   | 89.8   | 97.0   | 83.3   | 67.0   |
| 85°   | 296.1  | 296.7  | 358.5  | 109.3  | 83.9   | 69.0   | 46.8   | 50.1   | 50.1   | 50.1   | 37.7   |
| 87.5° | 38.4   | 40.3   | 49.5   | 46.2   | 30.6   | 26.0   | 16.9   | 14.3   | 12.4   | 16.3   | 11.7   |
| 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: P451452

CATALOG NUMBER: GALN-SA2B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 |
| 2.5°  | 2147.3 | 2134.3 | 2106.3 | 2099.8 | 2095.9 | 2106.9 | 2077.7 | 2085.5 | 2072.5 | 2108.9 | 2103.0 |
| 5°    | 1797.9 | 1799.2 | 1821.9 | 1836.9 | 1842.1 | 1836.9 | 1817.4 | 1783.5 | 1757.5 | 1747.1 | 1749.7 |
| 7.5°  | 1549.3 | 1572.1 | 1611.1 | 1654.7 | 1694.4 | 1706.1 | 1695.0 | 1630.6 | 1560.4 | 1516.1 | 1501.8 |
| 10°   | 1466.7 | 1497.2 | 1542.1 | 1576.6 | 1611.8 | 1639.7 | 1645.6 | 1595.5 | 1512.2 | 1407.4 | 1366.5 |
| 12.5° | 1471.2 | 1512.9 | 1555.8 | 1566.9 | 1563.6 | 1574.7 | 1569.5 | 1561.0 | 1506.3 | 1373.0 | 1304.6 |
| 15°   | 1428.3 | 1477.7 | 1507.7 | 1501.8 | 1491.4 | 1481.6 | 1468.0 | 1446.5 | 1427.0 | 1333.3 | 1257.8 |
| 17.5° | 1329.4 | 1380.1 | 1404.8 | 1406.8 | 1406.8 | 1404.2 | 1371.0 | 1363.2 | 1360.6 | 1315.0 | 1268.8 |
| 20°   | 1347.6 | 1375.6 | 1364.5 | 1346.3 | 1351.5 | 1369.1 | 1349.5 | 1345.6 | 1360.6 | 1380.8 | 1372.3 |
| 22.5° | 1358.0 | 1348.2 | 1264.9 | 1184.3 | 1166.0 | 1220.7 | 1231.8 | 1275.4 | 1335.9 | 1408.7 | 1456.2 |
| 25°   | 1293.6 | 1214.8 | 1065.8 | 974.7  | 923.3  | 974.1  | 1040.5 | 1121.1 | 1211.6 | 1305.3 | 1360.6 |
| 27.5° | 1081.4 | 1021.6 | 914.9  | 832.9  | 788.0  | 795.8  | 852.4  | 925.9  | 1009.9 | 1073.0 | 1113.3 |
| 30°   | 814.7  | 788.0  | 732.7  | 704.7  | 677.4  | 670.9  | 694.9  | 722.9  | 760.0  | 767.8  | 778.2  |
| 32.5° | 599.9  | 596.0  | 599.3  | 590.2  | 585.0  | 584.3  | 577.2  | 583.7  | 587.6  | 592.1  | 583.0  |
| 35°   | 542.7  | 537.5  | 528.4  | 525.8  | 522.5  | 523.8  | 520.6  | 517.3  | 519.9  | 523.8  | 526.4  |
| 37.5° | 513.4  | 505.6  | 492.6  | 488.0  | 488.0  | 490.0  | 484.8  | 483.5  | 488.0  | 500.4  | 506.9  |
| 40°   | 490.6  | 481.5  | 466.5  | 460.7  | 464.6  | 469.8  | 462.6  | 460.0  | 471.1  | 484.1  | 494.5  |
| 42.5° | 469.1  | 462.0  | 447.7  | 441.2  | 444.4  | 454.2  | 443.8  | 441.8  | 456.1  | 470.4  | 482.8  |
| 45°   | 450.9  | 443.8  | 430.8  | 427.5  | 428.8  | 437.9  | 430.8  | 430.8  | 444.4  | 460.0  | 471.1  |
| 47.5° | 436.6  | 427.5  | 419.0  | 416.4  | 417.7  | 422.9  | 421.6  | 421.6  | 434.7  | 450.9  | 462.0  |
| 50°   | 422.3  | 414.5  | 403.4  | 404.7  | 408.0  | 415.1  | 414.5  | 416.4  | 429.5  | 449.6  | 461.3  |
| 52.5° | 415.8  | 404.1  | 391.7  | 393.0  | 402.8  | 411.2  | 408.6  | 410.6  | 425.6  | 463.3  | 480.2  |
| 55°   | 408.6  | 393.0  | 378.7  | 380.7  | 391.7  | 404.1  | 400.8  | 403.4  | 421.0  | 472.4  | 495.8  |
| 57.5° | 395.0  | 376.7  | 361.1  | 362.4  | 378.7  | 391.7  | 386.5  | 389.8  | 410.6  | 462.6  | 487.4  |
| 58°   | 389.1  | 373.5  | 358.5  | 359.2  | 374.8  | 389.1  | 383.3  | 385.9  | 407.3  | 460.0  | 483.5  |
| 60°   | 364.4  | 355.3  | 342.3  | 342.9  | 357.9  | 370.2  | 367.0  | 369.6  | 390.4  | 441.2  | 458.7  |
| 62.5° | 330.6  | 325.3  | 322.1  | 322.1  | 331.2  | 342.9  | 346.2  | 349.4  | 368.3  | 398.9  | 414.5  |
| 65°   | 294.1  | 294.1  | 294.8  | 294.8  | 300.6  | 315.6  | 317.5  | 326.0  | 343.6  | 358.5  | 370.2  |
| 67.5° | 269.4  | 268.1  | 269.4  | 266.1  | 268.7  | 277.8  | 287.6  | 295.4  | 313.6  | 324.0  | 327.9  |
| 70°   | 237.5  | 236.9  | 237.5  | 232.9  | 236.2  | 244.0  | 250.5  | 263.5  | 282.4  | 290.2  | 292.2  |
| 72.5° | 206.3  | 206.3  | 207.6  | 204.3  | 204.3  | 212.8  | 217.3  | 231.6  | 249.2  | 253.8  | 254.4  |
| 75°   | 173.7  | 175.7  | 175.7  | 171.1  | 172.4  | 177.6  | 183.5  | 195.2  | 211.5  | 214.7  | 214.7  |
| 77.5° | 137.9  | 145.1  | 145.1  | 140.5  | 142.5  | 143.2  | 151.0  | 156.8  | 169.2  | 170.5  | 165.3  |
| 80°   | 100.2  | 107.4  | 113.2  | 109.3  | 112.6  | 108.7  | 113.2  | 117.1  | 129.5  | 123.6  | 115.2  |
| 82.5° | 71.6   | 76.8   | 81.3   | 82.0   | 78.7   | 71.6   | 77.4   | 78.1   | 83.9   | 76.1   | 71.6   |
| 85°   | 39.7   | 44.2   | 50.1   | 47.5   | 42.3   | 37.7   | 39.7   | 41.0   | 40.3   | 38.4   | 35.8   |
| 87.5° | 10.4   | 11.1   | 12.4   | 9.1    | 8.5    | 7.2    | 9.8    | 9.8    | 11.1   | 11.7   | 11.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





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**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 |
| 2.5°  | 2107.6 | 2136.2 | 2198.0 | 2244.9 | 2302.1 | 2371.8 | 2453.8 | 2536.4 | 2625.5 | 2653.5 | 2692.6 |
| 5°    | 1743.9 | 1815.4 | 1845.4 | 1930.6 | 2015.2 | 2142.1 | 2277.4 | 2434.2 | 2606.0 | 2688.7 | 2768.0 |
| 7.5°  | 1490.1 | 1528.5 | 1559.7 | 1622.2 | 1723.7 | 1877.9 | 2047.7 | 2243.6 | 2486.9 | 2607.3 | 2723.8 |
| 10°   | 1353.4 | 1357.3 | 1395.7 | 1473.2 | 1561.7 | 1697.7 | 1858.4 | 2077.7 | 2349.0 | 2495.4 | 2632.0 |
| 12.5° | 1263.0 | 1246.1 | 1287.7 | 1368.4 | 1468.6 | 1594.2 | 1741.9 | 1950.8 | 2249.4 | 2399.7 | 2565.0 |
| 15°   | 1183.6 | 1156.9 | 1188.2 | 1270.8 | 1369.7 | 1517.4 | 1676.2 | 1897.4 | 2210.4 | 2385.4 | 2568.9 |
| 17.5° | 1185.6 | 1112.0 | 1123.1 | 1192.7 | 1291.0 | 1441.3 | 1633.9 | 1895.5 | 2269.6 | 2471.3 | 2688.7 |
| 20°   | 1332.0 | 1214.2 | 1164.1 | 1177.1 | 1272.1 | 1436.1 | 1653.4 | 1986.6 | 2464.2 | 2758.3 | 2990.6 |
| 22.5° | 1475.8 | 1404.8 | 1324.2 | 1297.5 | 1349.5 | 1521.3 | 1777.7 | 2201.9 | 2887.1 | 3330.2 | 3749.9 |
| 25°   | 1425.7 | 1486.2 | 1466.0 | 1428.3 | 1440.0 | 1582.5 | 1862.3 | 2378.9 | 3215.7 | 3714.8 | 4109.1 |
| 27.5° | 1140.7 | 1250.6 | 1272.8 | 1272.1 | 1276.7 | 1393.8 | 1674.9 | 2259.8 | 3256.7 | 3788.3 | 4165.1 |
| 30°   | 801.7  | 811.4  | 823.1  | 845.9  | 866.7  | 971.5  | 1310.5 | 1984.0 | 3238.5 | 3821.5 | 4198.9 |
| 32.5° | 578.5  | 591.5  | 607.7  | 639.0  | 688.4  | 821.8  | 1146.5 | 1896.1 | 3334.8 | 3958.8 | 4297.8 |
| 35°   | 529.0  | 544.0  | 559.6  | 595.4  | 642.2  | 765.9  | 1081.4 | 1859.7 | 3492.9 | 4181.3 | 4475.5 |
| 37.5° | 513.4  | 530.3  | 544.0  | 570.0  | 607.7  | 725.5  | 1022.2 | 1834.9 | 3654.9 | 4416.9 | 4713.6 |
| 40°   | 502.3  | 521.9  | 532.9  | 553.7  | 579.8  | 688.4  | 969.5  | 1815.4 | 3811.7 | 4632.3 | 4904.9 |
| 42.5° | 492.6  | 512.7  | 527.1  | 542.0  | 563.5  | 655.2  | 922.7  | 1795.9 | 3947.7 | 4841.1 | 5095.6 |
| 45°   | 480.9  | 506.2  | 524.5  | 536.2  | 555.0  | 627.3  | 886.9  | 1780.3 | 4102.6 | 5026.6 | 5288.2 |
| 47.5° | 471.1  | 499.1  | 521.9  | 535.5  | 542.7  | 607.7  | 858.3  | 1801.8 | 4288.7 | 5220.5 | 5467.1 |
| 50°   | 471.8  | 498.4  | 527.1  | 548.5  | 529.7  | 591.5  | 840.7  | 1887.0 | 4530.8 | 5450.8 | 5608.3 |
| 52.5° | 492.6  | 525.1  | 547.9  | 553.1  | 511.4  | 572.0  | 831.6  | 2036.0 | 4817.1 | 5654.5 | 5750.8 |
| 55°   | 516.0  | 549.8  | 574.6  | 571.3  | 501.7  | 547.2  | 829.6  | 2194.8 | 5130.7 | 5892.0 | 5936.3 |
| 57.5° | 507.5  | 557.0  | 594.7  | 577.8  | 502.3  | 523.2  | 821.2  | 2323.0 | 5392.9 | 6069.6 | 6119.7 |
| 58°   | 504.9  | 554.4  | 597.3  | 576.5  | 500.4  | 516.0  | 819.2  | 2334.0 | 5429.4 | 6082.0 | 6145.8 |
| 60°   | 479.6  | 531.6  | 595.4  | 566.8  | 489.3  | 496.5  | 797.7  | 2369.8 | 5419.6 | 6018.2 | 6161.4 |
| 62.5° | 433.4  | 476.3  | 550.5  | 519.3  | 455.5  | 470.4  | 749.6  | 2325.6 | 5155.4 | 5711.1 | 5933.0 |
| 65°   | 381.3  | 413.2  | 462.6  | 456.8  | 407.3  | 443.8  | 683.9  | 2150.5 | 4626.4 | 5212.7 | 5446.3 |
| 67.5° | 342.3  | 368.3  | 399.5  | 391.1  | 366.3  | 408.0  | 613.0  | 1854.5 | 4033.0 | 4614.0 | 4908.2 |
| 70°   | 302.6  | 322.7  | 338.4  | 332.5  | 324.7  | 372.8  | 549.8  | 1505.0 | 3464.3 | 4045.3 | 4330.3 |
| 72.5° | 262.2  | 281.1  | 294.1  | 285.7  | 281.1  | 335.8  | 498.4  | 1168.0 | 2736.2 | 3337.4 | 3703.7 |
| 75°   | 219.3  | 238.2  | 247.3  | 237.5  | 234.9  | 296.1  | 422.3  | 872.6  | 2052.9 | 2572.8 | 2889.1 |
| 77.5° | 169.8  | 190.0  | 201.7  | 198.5  | 199.8  | 243.4  | 341.0  | 597.3  | 1468.0 | 1753.6 | 2086.8 |
| 80°   | 119.1  | 141.2  | 149.0  | 145.8  | 154.9  | 185.4  | 240.8  | 379.4  | 1012.5 | 1138.1 | 1373.0 |
| 82.5° | 73.5   | 94.4   | 95.7   | 98.9   | 105.4  | 137.3  | 181.5  | 231.0  | 635.7  | 657.2  | 827.7  |
| 85°   | 37.1   | 44.9   | 48.2   | 53.4   | 59.2   | 83.9   | 103.5  | 143.2  | 409.3  | 309.7  | 462.6  |
| 87.5° | 12.4   | 13.0   | 15.6   | 19.5   | 24.1   | 34.5   | 44.2   | 58.6   | 101.5  | 56.0   | 143.2  |
| 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: P451452

CATALOG NUMBER: GALN-SA2B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 | 2475.2 |
| 2.5°  | 2771.3 | 2826.6 | 2866.9 | 2904.0 | 2868.2 | 2865.0 | 2829.9 | 2773.2 | 2749.8 | 2749.8 |
| 5°    | 2934.6 | 3064.1 | 3168.9 | 3235.9 | 3207.3 | 3138.3 | 3024.4 | 2879.3 | 2801.2 | 2787.6 |
| 7.5°  | 2979.5 | 3235.2 | 3429.8 | 3498.8 | 3450.6 | 3298.4 | 3080.4 | 2835.7 | 2723.8 | 2699.1 |
| 10°   | 2952.2 | 3284.7 | 3570.3 | 3679.7 | 3612.6 | 3382.3 | 3084.9 | 2785.0 | 2647.0 | 2618.4 |
| 12.5° | 2923.6 | 3291.2 | 3596.4 | 3754.5 | 3710.9 | 3450.0 | 3118.1 | 2751.8 | 2592.4 | 2551.4 |
| 15°   | 2944.4 | 3293.8 | 3564.5 | 3727.8 | 3755.8 | 3531.3 | 3172.8 | 2775.8 | 2581.3 | 2537.7 |
| 17.5° | 3075.8 | 3343.2 | 3518.9 | 3651.0 | 3749.3 | 3641.9 | 3328.3 | 2891.0 | 2680.2 | 2626.2 |
| 20°   | 3350.4 | 3461.7 | 3545.0 | 3647.1 | 3805.2 | 3867.7 | 3646.5 | 3207.3 | 2958.0 | 2910.5 |
| 22.5° | 4145.6 | 4125.4 | 3954.9 | 3952.9 | 4182.0 | 4432.5 | 4417.5 | 3850.1 | 3475.3 | 3436.3 |
| 25°   | 4443.6 | 4349.9 | 4103.3 | 4043.4 | 4144.2 | 4530.8 | 4474.8 | 3981.6 | 3635.4 | 3540.4 |
| 27.5° | 4327.1 | 4094.8 | 3932.8 | 3919.1 | 3885.9 | 4251.0 | 4385.7 | 4034.9 | 3691.4 | 3599.0 |
| 30°   | 4319.9 | 3978.3 | 3746.7 | 3774.0 | 3805.9 | 4154.7 | 4435.1 | 4202.2 | 3834.5 | 3735.6 |
| 32.5° | 4337.5 | 3994.6 | 3760.3 | 3765.5 | 3860.5 | 4169.0 | 4489.8 | 4384.4 | 4022.6 | 3923.7 |
| 35°   | 4408.4 | 4087.0 | 3847.5 | 3835.2 | 3983.5 | 4262.7 | 4582.8 | 4670.7 | 4279.6 | 4167.0 |
| 37.5° | 4523.0 | 4271.1 | 4007.0 | 4003.7 | 4219.1 | 4431.9 | 4698.6 | 4959.6 | 4535.3 | 4414.3 |
| 40°   | 4691.5 | 4486.5 | 4290.7 | 4273.1 | 4539.2 | 4707.1 | 4848.9 | 5267.3 | 4832.7 | 4677.2 |
| 42.5° | 4895.1 | 4744.8 | 4664.8 | 4734.4 | 4990.1 | 5016.2 | 5083.2 | 5551.7 | 5085.8 | 4904.9 |
| 45°   | 5083.8 | 5076.7 | 5188.0 | 5372.8 | 5521.8 | 5365.6 | 5327.9 | 5742.3 | 5282.3 | 5085.8 |
| 47.5° | 5308.3 | 5502.2 | 5838.0 | 6108.7 | 6264.9 | 5772.3 | 5536.7 | 5866.6 | 5425.5 | 5244.6 |
| 50°   | 5536.1 | 6011.7 | 6547.9 | 6925.3 | 6958.5 | 6214.1 | 5680.5 | 5983.8 | 5555.6 | 5367.5 |
| 52.5° | 5775.5 | 6418.4 | 7132.2 | 7570.8 | 7506.4 | 6598.7 | 5819.8 | 6063.1 | 5689.6 | 5524.4 |
| 55°   | 5983.8 | 6667.6 | 7458.9 | 7879.9 | 7785.5 | 6832.9 | 5970.1 | 6149.0 | 5880.9 | 5741.7 |
| 57.5° | 6100.2 | 6688.5 | 7377.5 | 7745.2 | 7643.0 | 6787.4 | 6039.1 | 6212.8 | 6003.3 | 5894.0 |
| 58°   | 6117.1 | 6660.5 | 7305.3 | 7667.1 | 7563.0 | 6749.0 | 6038.4 | 6210.2 | 6011.1 | 5901.1 |
| 60°   | 6102.2 | 6478.9 | 7036.6 | 7358.7 | 7249.3 | 6508.2 | 6013.7 | 6161.4 | 5912.2 | 5819.1 |
| 62.5° | 5963.6 | 6164.0 | 6572.6 | 6806.9 | 6775.6 | 6132.1 | 5912.2 | 5977.2 | 5610.9 | 5521.1 |
| 65°   | 5781.4 | 5734.5 | 5978.5 | 6144.5 | 6167.9 | 5850.4 | 5811.3 | 5579.0 | 5224.4 | 5097.5 |
| 67.5° | 5560.2 | 5247.8 | 5247.2 | 5341.5 | 5380.6 | 5417.0 | 5601.1 | 5146.3 | 4667.4 | 4533.4 |
| 70°   | 5184.7 | 4497.6 | 4290.7 | 4401.9 | 4369.4 | 4677.2 | 5225.7 | 4538.6 | 3995.9 | 3839.1 |
| 72.5° | 4496.3 | 3569.0 | 3237.8 | 3381.0 | 3299.0 | 3667.9 | 4572.4 | 3735.0 | 3304.2 | 3111.6 |
| 75°   | 3644.5 | 2669.8 | 2328.2 | 2459.6 | 2408.9 | 2782.4 | 3804.6 | 2712.7 | 2369.8 | 2296.3 |
| 77.5° | 2829.9 | 1934.5 | 1736.0 | 1717.8 | 1755.6 | 2070.5 | 2790.8 | 1831.7 | 1562.3 | 1512.2 |
| 80°   | 1818.0 | 1384.7 | 1396.4 | 1373.0 | 1392.5 | 1305.3 | 1694.4 | 1168.6 | 1058.0 | 1017.7 |
| 82.5° | 1196.6 | 965.0  | 1150.4 | 1061.9 | 1008.6 | 877.8  | 1111.4 | 765.2  | 649.4  | 627.3  |
| 85°   | 815.3  | 710.6  | 646.8  | 494.5  | 582.4  | 676.1  | 833.5  | 411.9  | 326.6  | 296.1  |
| 87.5° | 368.3  | 247.3  | 181.5  | 111.9  | 177.0  | 204.3  | 404.7  | 48.2   | 37.1   | 38.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)