

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: P528368

Luminaire Tested: **GALN-SA3C-722-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P528368  
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-SA3C-722-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 2200K, 1050mA 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: 11490 lumens  
Efficiency: N/A  
Efficacy: 71.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G2

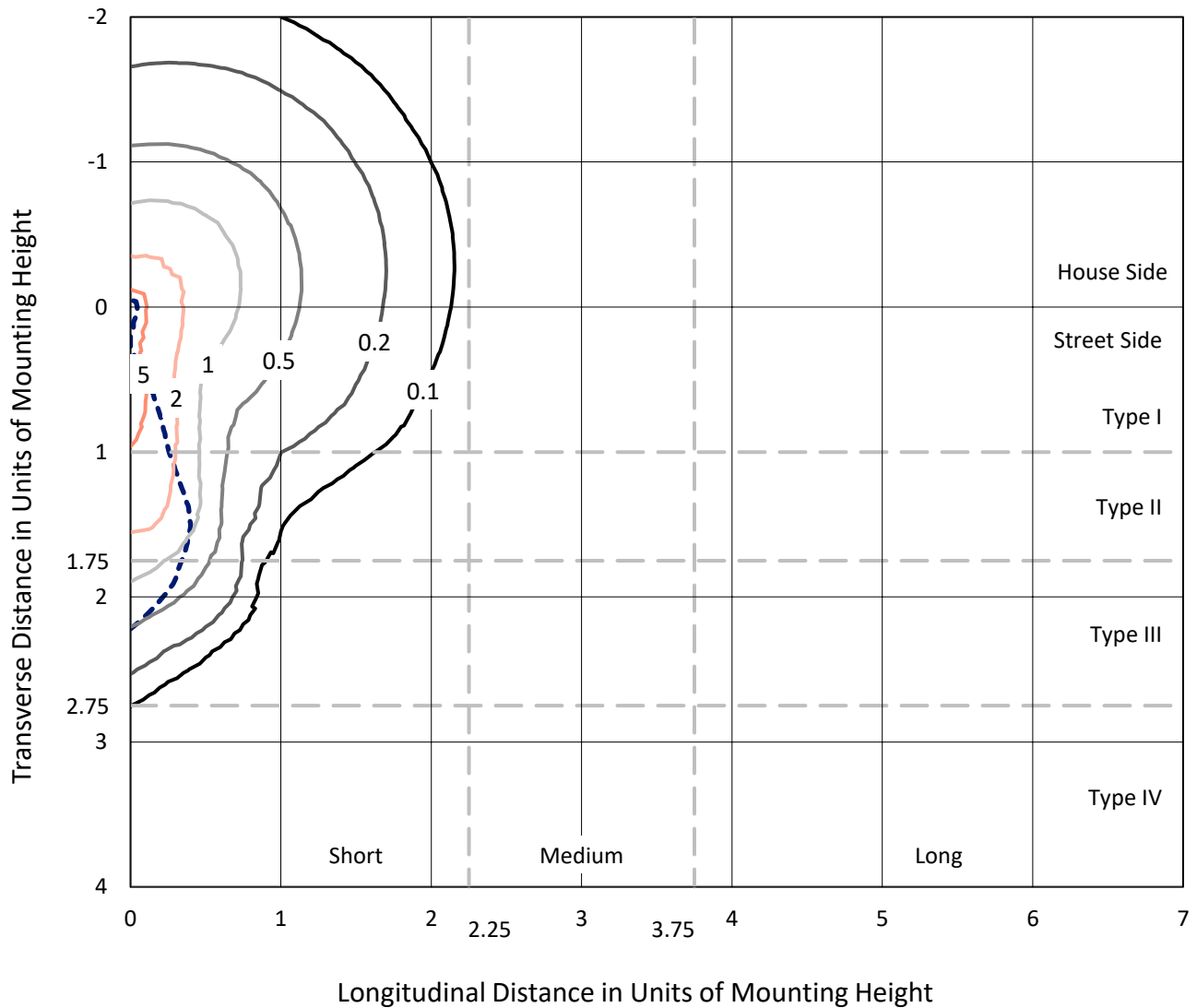
Input Watts (W): 160  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

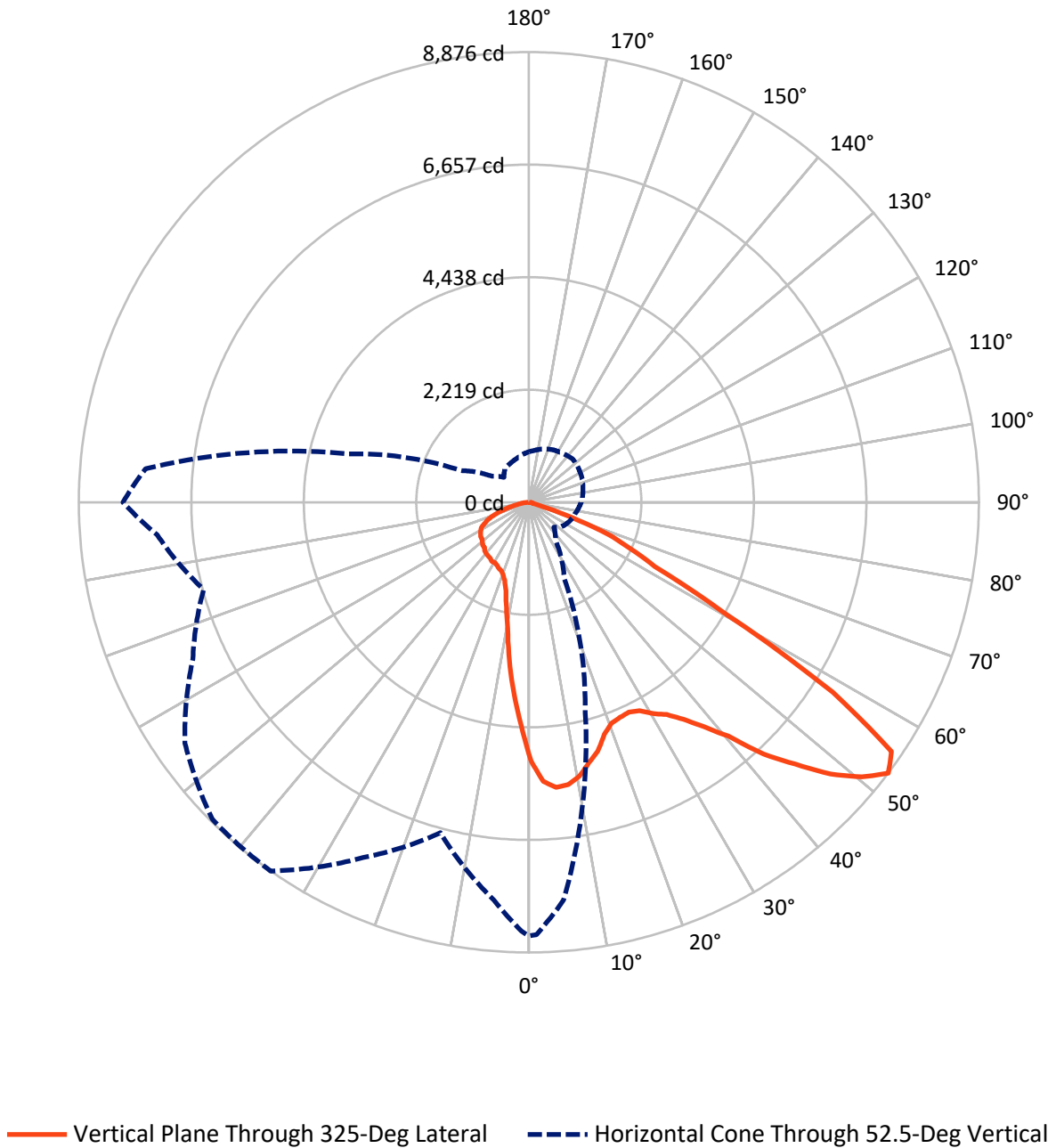
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.2 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3463.8   | 0.0    | 3463.8  |
|                    | % Fixture | 30.1     | 0.0    | 30.1    |
| <b>Street Side</b> | Lumens    | 8026.2   | 0.0    | 8026.2  |
|                    | % Fixture | 69.9     | 0.0    | 69.9    |
| <b>Total</b>       | Lumens    | 11490.0  | 0.0    | 11490.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 389.0   | 3.4       |
| 10°-20°   | 843.4   | 7.3       |
| 20°-30°   | 1274.3  | 11.1      |
| 30°-40°   | 1841.4  | 16.0      |
| 40°-50°   | 2450.5  | 21.3      |
| 50°-60°   | 2741.0  | 23.9      |
| 60°-70°   | 1544.8  | 13.4      |
| 70°-80°   | 344.4   | 3.0       |
| 80°-90°   | 61.3    | 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°    | 11490.0 | 100.0     |
| 0°-180°   | 11490.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P528368

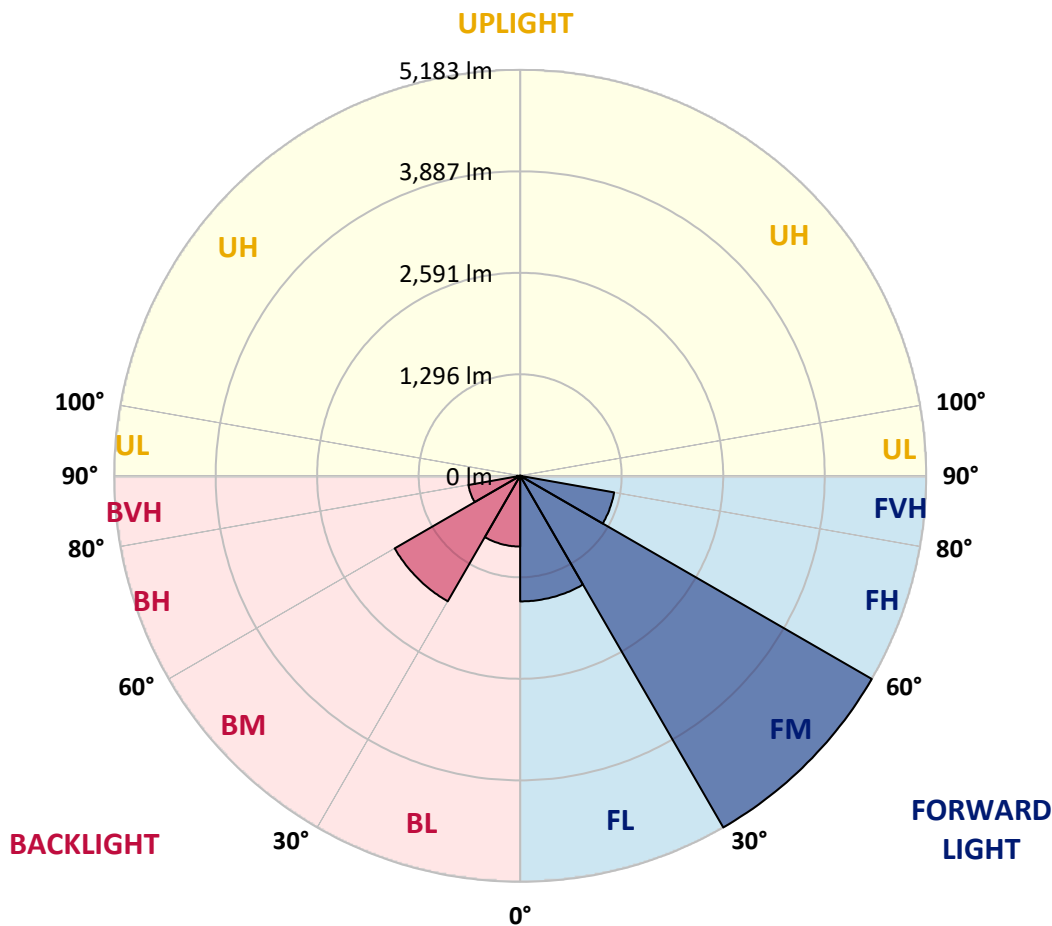
CATALOG NUMBER: GALN-SA3C-722-U-SLR-GRSWH

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1603.4 | 14.0      |                         |      |         |
| FM (30°-60°)   | 5182.9 | 45.1      |                         |      |         |
| FH (60°-80°)   | 1217.8 | 10.6      |                         |      | G1/1800 |
| FVH (80°-90°)  | 22.2   | 0.2       |                         |      | G1/100  |
| BL (0°-30°)    | 903.3  | 7.9       | B2/1000                 |      |         |
| BM (30°-60°)   | 1850.0 | 16.1      | B2/2500                 |      |         |
| BH (60°-80°)   | 671.4  | 5.8       | B2/1000                 |      | G2/1000 |
| BVH (80°-90°)  | 39.1   | 0.3       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

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

Type III Short





REPORT NUMBER: P528368

CATALOG NUMBER: GALN-SA3C-722-U-SLR-GRSWH

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 |
| 2.5°  | 5184.3 | 5267.5 | 5177.6 | 5017.7 | 4904.5 | 4801.2 | 4693.0 | 4671.3 | 4529.8 | 4504.8 | 4401.5 |
| 5°    | 4889.5 | 4871.2 | 4761.3 | 4551.4 | 4319.9 | 4110.1 | 3955.2 | 3805.3 | 3703.8 | 3585.5 | 3577.2 |
| 7.5°  | 4531.4 | 4424.9 | 4361.6 | 4043.5 | 3757.1 | 3427.3 | 3285.8 | 3057.6 | 2986.0 | 2879.4 | 2824.5 |
| 10°   | 4211.7 | 4133.4 | 3985.2 | 3667.1 | 3267.4 | 3049.3 | 2897.7 | 2774.5 | 2691.2 | 2581.3 | 2443.1 |
| 12.5° | 4053.5 | 4021.8 | 3855.3 | 3362.4 | 3065.9 | 2832.8 | 2726.2 | 2606.3 | 2464.7 | 2288.2 | 2219.9 |
| 15°   | 4081.8 | 3975.2 | 3848.6 | 3304.1 | 2894.4 | 2669.6 | 2499.7 | 2349.8 | 2168.3 | 2000.1 | 1901.8 |
| 17.5° | 4293.3 | 4211.7 | 3958.6 | 3340.7 | 2829.4 | 2504.7 | 2196.6 | 1975.1 | 1811.9 | 1660.4 | 1592.1 |
| 20°   | 4709.6 | 4591.4 | 4306.6 | 3387.3 | 2689.6 | 2274.9 | 1921.8 | 1648.7 | 1473.8 | 1393.9 | 1370.6 |
| 22.5° | 5170.9 | 5101.0 | 4646.4 | 3492.3 | 2578.0 | 2061.7 | 1630.4 | 1357.3 | 1292.3 | 1270.7 | 1314.0 |
| 25°   | 5732.2 | 5550.6 | 5174.3 | 3663.8 | 2491.4 | 1880.2 | 1383.9 | 1232.4 | 1199.1 | 1220.7 | 1270.7 |
| 27.5° | 6158.5 | 6110.2 | 5544.0 | 3825.3 | 2373.1 | 1662.0 | 1245.7 | 1145.8 | 1155.8 | 1177.4 | 1224.0 |
| 30°   | 6664.8 | 6420.0 | 5902.0 | 3936.9 | 2266.6 | 1512.1 | 1149.1 | 1122.5 | 1132.4 | 1169.1 | 1192.4 |
| 32.5° | 6969.5 | 6877.9 | 6126.9 | 4105.1 | 2143.3 | 1382.2 | 1074.2 | 1049.2 | 1064.2 | 1119.1 | 1174.1 |
| 35°   | 7357.6 | 7176.0 | 6405.0 | 4148.4 | 2056.7 | 1330.6 | 1020.9 | 1002.5 | 1037.5 | 1075.8 | 1137.4 |
| 37.5° | 7810.5 | 7685.6 | 6789.7 | 4118.4 | 2010.1 | 1277.3 | 975.9  | 967.6  | 992.6  | 1045.8 | 1117.5 |
| 40°   | 8078.7 | 8040.4 | 6991.2 | 4136.8 | 1936.8 | 1230.7 | 924.3  | 934.3  | 985.9  | 1027.5 | 1097.5 |
| 42.5° | 8336.8 | 8087.0 | 7289.3 | 4130.1 | 1890.2 | 1167.4 | 929.3  | 917.6  | 957.6  | 1005.9 | 1072.5 |
| 45°   | 8393.4 | 8145.3 | 7359.2 | 4083.5 | 1833.6 | 1105.8 | 891.0  | 896.0  | 944.3  | 1004.2 | 1047.5 |
| 47.5° | 8356.8 | 8173.6 | 7489.1 | 4070.1 | 1780.3 | 1062.5 | 834.3  | 894.3  | 922.6  | 970.9  | 1032.5 |
| 50°   | 8331.8 | 8321.8 | 7599.0 | 4133.4 | 1708.7 | 994.2  | 766.1  | 872.6  | 901.0  | 949.3  | 1015.9 |
| 52.5° | 8551.6 | 8530.0 | 7873.8 | 4300.0 | 1652.0 | 920.9  | 696.1  | 817.7  | 886.0  | 932.6  | 997.6  |
| 55°   | 8684.9 | 8589.9 | 8345.1 | 4504.8 | 1557.1 | 824.4  | 647.8  | 749.4  | 849.3  | 891.0  | 957.6  |
| 57.5° | 7812.2 | 7747.3 | 7549.1 | 4205.0 | 1397.2 | 697.8  | 587.9  | 679.5  | 799.4  | 864.3  | 932.6  |
| 60°   | 6499.9 | 6398.3 | 5890.4 | 3573.9 | 1030.9 | 542.9  | 551.2  | 624.5  | 786.0  | 811.0  | 891.0  |
| 62.5° | 6128.5 | 5877.1 | 5185.9 | 2876.1 | 791.0  | 466.3  | 494.6  | 574.5  | 716.1  | 757.7  | 837.7  |
| 65°   | 4862.9 | 4676.3 | 3710.4 | 2076.7 | 529.6  | 404.7  | 451.3  | 517.9  | 617.8  | 699.5  | 772.7  |
| 67.5° | 3044.3 | 2866.1 | 1980.1 | 982.6  | 369.7  | 346.4  | 403.0  | 473.0  | 554.6  | 627.8  | 709.4  |
| 70°   | 1590.4 | 1395.6 | 914.3  | 354.7  | 254.8  | 283.1  | 336.4  | 403.0  | 483.0  | 542.9  | 606.2  |
| 72.5° | 592.9  | 481.3  | 298.1  | 153.2  | 176.5  | 216.5  | 273.1  | 321.4  | 378.0  | 451.3  | 486.3  |
| 75°   | 91.6   | 78.3   | 76.6   | 93.3   | 119.9  | 156.5  | 194.8  | 243.1  | 293.1  | 339.7  | 363.0  |
| 77.5° | 43.3   | 41.6   | 46.6   | 61.6   | 79.9   | 111.6  | 141.6  | 188.2  | 228.2  | 258.1  | 271.5  |
| 80°   | 28.3   | 26.6   | 30.0   | 41.6   | 60.0   | 83.3   | 113.2  | 144.9  | 181.5  | 206.5  | 203.2  |
| 82.5° | 16.7   | 18.3   | 18.3   | 28.3   | 41.6   | 60.0   | 81.6   | 109.9  | 134.9  | 156.5  | 143.2  |
| 85°   | 10.0   | 8.3    | 8.3    | 16.7   | 28.3   | 48.3   | 68.3   | 46.6   | 48.3   | 48.3   | 55.0   |
| 87.5° | 3.3    | 3.3    | 3.3    | 1.7    | 3.3    | 3.3    | 5.0    | 8.3    | 10.0   | 11.7   | 15.0   |
| 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: P528368

CATALOG NUMBER: GALN-SA3C-722-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 |
| 2.5°  | 4398.2 | 4449.8 | 4431.5 | 4366.6 | 4416.5 | 4424.9 | 4391.6 | 4506.5 | 4528.1 | 4493.1 | 4503.1 |
| 5°    | 3565.5 | 3578.9 | 3608.8 | 3672.1 | 3717.1 | 3770.4 | 3770.4 | 3773.7 | 3728.7 | 3842.0 | 3808.7 |
| 7.5°  | 2777.8 | 2786.1 | 2821.1 | 2956.0 | 2994.3 | 3095.9 | 3139.2 | 3109.2 | 3019.3 | 2981.0 | 3012.6 |
| 10°   | 2398.1 | 2349.8 | 2338.2 | 2354.8 | 2441.4 | 2484.7 | 2521.4 | 2511.4 | 2496.4 | 2466.4 | 2433.1 |
| 12.5° | 2145.0 | 2110.0 | 2081.7 | 2041.7 | 2046.7 | 2088.4 | 2116.7 | 2093.4 | 2100.0 | 2106.7 | 2116.7 |
| 15°   | 1870.2 | 1845.2 | 1830.2 | 1770.3 | 1763.6 | 1791.9 | 1801.9 | 1815.2 | 1840.2 | 1841.9 | 1830.2 |
| 17.5° | 1578.8 | 1557.1 | 1590.4 | 1623.7 | 1600.4 | 1602.1 | 1620.4 | 1632.1 | 1625.4 | 1595.4 | 1580.4 |
| 20°   | 1378.9 | 1402.2 | 1435.5 | 1467.2 | 1492.2 | 1507.2 | 1513.8 | 1495.5 | 1473.8 | 1412.2 | 1410.6 |
| 22.5° | 1320.6 | 1350.6 | 1378.9 | 1427.2 | 1450.5 | 1488.8 | 1453.9 | 1412.2 | 1382.2 | 1352.3 | 1317.3 |
| 25°   | 1277.3 | 1302.3 | 1358.9 | 1377.3 | 1422.2 | 1453.9 | 1428.9 | 1387.2 | 1335.6 | 1292.3 | 1265.7 |
| 27.5° | 1245.7 | 1274.0 | 1310.6 | 1360.6 | 1395.6 | 1413.9 | 1388.9 | 1372.3 | 1319.0 | 1267.3 | 1229.0 |
| 30°   | 1225.7 | 1255.7 | 1322.3 | 1363.9 | 1393.9 | 1408.9 | 1365.6 | 1345.6 | 1307.3 | 1264.0 | 1230.7 |
| 32.5° | 1212.4 | 1239.0 | 1295.7 | 1348.9 | 1368.9 | 1368.9 | 1375.6 | 1352.3 | 1299.0 | 1225.7 | 1197.4 |
| 35°   | 1169.1 | 1205.7 | 1252.4 | 1314.0 | 1350.6 | 1372.3 | 1338.9 | 1312.3 | 1277.3 | 1202.4 | 1150.8 |
| 37.5° | 1144.1 | 1169.1 | 1229.0 | 1287.3 | 1319.0 | 1342.3 | 1329.0 | 1282.3 | 1235.7 | 1174.1 | 1132.4 |
| 40°   | 1117.5 | 1157.4 | 1210.7 | 1265.7 | 1300.6 | 1324.0 | 1314.0 | 1259.0 | 1202.4 | 1144.1 | 1115.8 |
| 42.5° | 1099.1 | 1125.8 | 1180.7 | 1242.4 | 1284.0 | 1329.0 | 1299.0 | 1230.7 | 1190.7 | 1110.8 | 1079.2 |
| 45°   | 1084.1 | 1127.4 | 1185.7 | 1210.7 | 1254.0 | 1300.6 | 1247.4 | 1205.7 | 1159.1 | 1100.8 | 1074.2 |
| 47.5° | 1065.8 | 1105.8 | 1144.1 | 1210.7 | 1230.7 | 1252.4 | 1242.4 | 1175.7 | 1135.8 | 1072.5 | 1054.2 |
| 50°   | 1059.2 | 1074.2 | 1144.1 | 1180.7 | 1209.1 | 1230.7 | 1204.1 | 1154.1 | 1115.8 | 1050.8 | 1010.9 |
| 52.5° | 1032.5 | 1060.8 | 1105.8 | 1154.1 | 1189.1 | 1215.7 | 1172.4 | 1140.8 | 1089.1 | 1020.9 | 995.9  |
| 55°   | 999.2  | 1015.9 | 1095.8 | 1145.8 | 1164.1 | 1182.4 | 1165.8 | 1114.1 | 1060.8 | 990.9  | 965.9  |
| 57.5° | 955.9  | 994.2  | 1059.2 | 1129.1 | 1152.4 | 1162.4 | 1135.8 | 1094.1 | 1027.5 | 965.9  | 925.9  |
| 60°   | 911.0  | 950.9  | 1022.5 | 1079.2 | 1102.5 | 1139.1 | 1099.1 | 1074.2 | 997.6  | 929.3  | 886.0  |
| 62.5° | 866.0  | 911.0  | 964.2  | 1035.9 | 1055.8 | 1070.8 | 1060.8 | 1025.9 | 964.2  | 887.6  | 834.3  |
| 65°   | 812.7  | 846.0  | 912.6  | 949.3  | 962.6  | 997.6  | 962.6  | 949.3  | 894.3  | 821.0  | 776.1  |
| 67.5° | 732.8  | 761.1  | 819.4  | 854.3  | 864.3  | 879.3  | 877.6  | 862.7  | 801.0  | 751.1  | 711.1  |
| 70°   | 641.2  | 666.1  | 702.8  | 744.4  | 749.4  | 767.7  | 751.1  | 747.7  | 707.8  | 639.5  | 617.8  |
| 72.5° | 514.6  | 537.9  | 586.2  | 604.5  | 606.2  | 612.9  | 604.5  | 592.9  | 582.9  | 511.3  | 489.6  |
| 75°   | 394.7  | 408.0  | 431.3  | 448.0  | 448.0  | 456.3  | 451.3  | 439.7  | 413.0  | 368.0  | 346.4  |
| 77.5° | 274.8  | 288.1  | 318.1  | 328.1  | 326.4  | 329.7  | 314.8  | 303.1  | 263.1  | 239.8  | 221.5  |
| 80°   | 199.8  | 208.2  | 223.2  | 229.8  | 231.5  | 236.5  | 218.2  | 208.2  | 184.9  | 158.2  | 149.9  |
| 82.5° | 144.9  | 149.9  | 151.5  | 159.9  | 159.9  | 151.5  | 146.6  | 136.6  | 119.9  | 103.3  | 96.6   |
| 85°   | 60.0   | 61.6   | 63.3   | 73.3   | 74.9   | 89.9   | 83.3   | 78.3   | 68.3   | 58.3   | 53.3   |
| 87.5° | 15.0   | 16.7   | 21.6   | 18.3   | 21.6   | 21.6   | 23.3   | 26.6   | 26.6   | 21.6   | 21.6   |
| 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: P528368

CATALOG NUMBER: GALN-SA3C-722-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 |
| 2.5°  | 4541.4 | 4554.8 | 4724.6 | 4746.3 | 4829.5 | 4914.5 | 5086.0 | 5209.2 | 5309.2 | 5374.1 | 5392.4 |
| 5°    | 3843.7 | 3928.6 | 4006.9 | 4133.4 | 4248.3 | 4411.5 | 4599.7 | 4832.9 | 5126.0 | 5275.9 | 5335.8 |
| 7.5°  | 3009.3 | 3109.2 | 3222.5 | 3345.7 | 3513.9 | 3807.0 | 4058.5 | 4328.3 | 4703.0 | 4857.9 | 5092.7 |
| 10°   | 2456.4 | 2568.0 | 2717.9 | 2812.8 | 3016.0 | 3295.7 | 3588.9 | 3900.3 | 4258.3 | 4481.5 | 4752.9 |
| 12.5° | 2171.6 | 2263.2 | 2401.4 | 2601.3 | 2752.8 | 2934.4 | 3152.5 | 3545.6 | 4058.5 | 4270.0 | 4456.5 |
| 15°   | 1856.9 | 1958.5 | 2118.3 | 2339.8 | 2521.4 | 2737.9 | 2982.7 | 3410.7 | 3956.9 | 4283.3 | 4441.5 |
| 17.5° | 1597.1 | 1670.4 | 1838.6 | 2030.1 | 2238.2 | 2474.7 | 2826.1 | 3404.0 | 4063.5 | 4481.5 | 4739.6 |
| 20°   | 1417.2 | 1427.2 | 1518.8 | 1682.0 | 1965.1 | 2273.2 | 2729.5 | 3370.7 | 4404.9 | 4822.9 | 5149.3 |
| 22.5° | 1304.0 | 1294.0 | 1295.7 | 1433.9 | 1632.1 | 2075.0 | 2578.0 | 3483.9 | 4792.9 | 5365.8 | 5585.6 |
| 25°   | 1247.4 | 1220.7 | 1204.1 | 1234.0 | 1413.9 | 1840.2 | 2463.1 | 3633.8 | 5210.9 | 5813.8 | 6083.6 |
| 27.5° | 1217.4 | 1170.7 | 1137.4 | 1142.4 | 1274.0 | 1722.0 | 2391.5 | 3698.8 | 5625.6 | 6438.3 | 6533.2 |
| 30°   | 1205.7 | 1147.4 | 1099.1 | 1082.5 | 1169.1 | 1557.1 | 2238.2 | 3810.3 | 5997.0 | 6781.3 | 6862.9 |
| 32.5° | 1164.1 | 1092.5 | 1045.8 | 1030.9 | 1065.8 | 1412.2 | 2128.3 | 3890.3 | 6325.0 | 7154.4 | 7126.1 |
| 35°   | 1115.8 | 1055.8 | 997.6  | 969.2  | 994.2  | 1319.0 | 2040.1 | 3852.0 | 6711.4 | 7444.2 | 7429.2 |
| 37.5° | 1110.8 | 1032.5 | 984.2  | 937.6  | 935.9  | 1204.1 | 1920.2 | 3888.6 | 6957.9 | 7963.8 | 7758.9 |
| 40°   | 1067.5 | 1017.5 | 954.3  | 915.9  | 894.3  | 1145.8 | 1803.6 | 3802.0 | 7319.3 | 8173.6 | 7972.1 |
| 42.5° | 1069.2 | 994.2  | 939.3  | 894.3  | 872.6  | 1060.8 | 1723.6 | 3778.7 | 7445.8 | 8515.0 | 8072.0 |
| 45°   | 1042.5 | 969.2  | 922.6  | 869.3  | 857.7  | 995.9  | 1647.0 | 3670.5 | 7669.0 | 8531.6 | 7947.1 |
| 47.5° | 1015.9 | 950.9  | 901.0  | 837.7  | 811.0  | 972.6  | 1587.1 | 3580.5 | 7552.4 | 8375.1 | 7773.9 |
| 50°   | 997.6  | 922.6  | 876.0  | 831.0  | 756.1  | 932.6  | 1508.8 | 3558.9 | 7389.2 | 8163.6 | 7452.5 |
| 52.5° | 965.9  | 899.3  | 851.0  | 816.0  | 696.1  | 896.0  | 1478.8 | 3685.4 | 7589.0 | 8005.4 | 7359.2 |
| 55°   | 935.9  | 867.7  | 806.0  | 737.8  | 646.2  | 799.4  | 1395.6 | 3803.7 | 7880.5 | 8370.1 | 7782.2 |
| 57.5° | 904.3  | 839.3  | 772.7  | 691.1  | 597.9  | 699.5  | 1309.0 | 3825.3 | 7334.2 | 7735.6 | 7387.5 |
| 60°   | 862.7  | 779.4  | 729.4  | 622.8  | 546.2  | 579.5  | 1037.5 | 3372.4 | 5688.9 | 6459.9 | 6471.6 |
| 62.5° | 816.0  | 726.1  | 682.8  | 557.9  | 492.9  | 499.6  | 846.0  | 2834.4 | 4614.7 | 5347.5 | 5665.6 |
| 65°   | 754.4  | 667.8  | 616.2  | 516.3  | 454.6  | 433.0  | 619.5  | 2076.7 | 3505.6 | 4338.3 | 4699.6 |
| 67.5° | 674.5  | 592.9  | 527.9  | 449.6  | 406.3  | 371.4  | 423.0  | 1169.1 | 2070.0 | 2912.7 | 3022.6 |
| 70°   | 589.5  | 519.6  | 451.3  | 386.4  | 338.1  | 313.1  | 309.8  | 517.9  | 989.2  | 1567.1 | 1783.6 |
| 72.5° | 464.6  | 414.7  | 359.7  | 311.4  | 279.8  | 243.1  | 221.5  | 214.8  | 334.7  | 637.8  | 881.0  |
| 75°   | 333.1  | 291.4  | 259.8  | 228.2  | 204.8  | 184.9  | 168.2  | 153.2  | 139.9  | 159.9  | 219.8  |
| 77.5° | 209.8  | 194.8  | 169.9  | 161.5  | 148.2  | 143.2  | 136.6  | 128.2  | 118.2  | 111.6  | 111.6  |
| 80°   | 141.6  | 131.6  | 123.2  | 121.6  | 116.6  | 114.9  | 116.6  | 108.2  | 98.3   | 89.9   | 93.3   |
| 82.5° | 94.9   | 93.3   | 91.6   | 89.9   | 91.6   | 93.3   | 96.6   | 94.9   | 86.6   | 81.6   | 83.3   |
| 85°   | 56.6   | 60.0   | 63.3   | 66.6   | 73.3   | 64.9   | 53.3   | 45.0   | 40.0   | 36.6   | 35.0   |
| 87.5° | 21.6   | 30.0   | 26.6   | 25.0   | 26.6   | 25.0   | 23.3   | 21.6   | 18.3   | 16.7   | 16.7   |
| 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: P528368

CATALOG NUMBER: GALN-SA3C-722-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 | 5099.3 |
| 2.5°  | 5514.0 | 5547.3 | 5575.6 | 5569.0 | 5510.7 | 5432.4 | 5400.8 | 5239.2 | 5205.9 | 5184.3 |
| 5°    | 5588.9 | 5782.1 | 5823.8 | 5798.8 | 5647.2 | 5455.7 | 5269.2 | 5032.7 | 4894.5 | 4889.5 |
| 7.5°  | 5450.7 | 5688.9 | 5763.8 | 5820.4 | 5618.9 | 5285.9 | 4966.1 | 4611.4 | 4524.8 | 4531.4 |
| 10°   | 5099.3 | 5479.0 | 5663.9 | 5722.2 | 5490.7 | 5202.6 | 4759.6 | 4399.9 | 4215.0 | 4211.7 |
| 12.5° | 4904.5 | 5202.6 | 5254.2 | 5335.8 | 5267.5 | 4976.1 | 4639.7 | 4236.7 | 4056.8 | 4053.5 |
| 15°   | 4731.3 | 4927.8 | 4942.8 | 5057.7 | 5094.3 | 4897.8 | 4671.3 | 4241.7 | 4096.8 | 4081.8 |
| 17.5° | 4882.8 | 4746.3 | 4689.7 | 4704.6 | 4812.9 | 4884.5 | 4854.5 | 4524.8 | 4376.6 | 4293.3 |
| 20°   | 4984.4 | 4679.7 | 4508.1 | 4524.8 | 4653.0 | 4914.5 | 5127.6 | 4934.5 | 4699.6 | 4709.6 |
| 22.5° | 5255.9 | 4689.7 | 4421.5 | 4403.2 | 4606.4 | 5071.0 | 5435.7 | 5452.4 | 5225.9 | 5170.9 |
| 25°   | 5662.2 | 4804.6 | 4394.9 | 4389.9 | 4584.7 | 5239.2 | 5795.5 | 6065.2 | 5833.8 | 5732.2 |
| 27.5° | 5988.6 | 4984.4 | 4478.2 | 4494.8 | 4653.0 | 5375.8 | 6101.9 | 6459.9 | 6283.4 | 6158.5 |
| 30°   | 6275.1 | 5170.9 | 4594.7 | 4518.1 | 4836.2 | 5447.4 | 6233.4 | 6909.6 | 6768.0 | 6664.8 |
| 32.5° | 6393.3 | 5435.7 | 4779.6 | 4653.0 | 4987.8 | 5534.0 | 6506.6 | 7345.9 | 7224.3 | 6969.5 |
| 35°   | 6593.2 | 5584.0 | 4879.5 | 4869.5 | 5252.5 | 5742.2 | 6634.8 | 7634.0 | 7584.0 | 7357.6 |
| 37.5° | 6753.0 | 5733.8 | 5234.2 | 5124.3 | 5615.6 | 6091.9 | 6841.3 | 8032.0 | 7917.1 | 7810.5 |
| 40°   | 6876.3 | 6002.0 | 5565.6 | 5710.5 | 6061.9 | 6410.0 | 7031.2 | 8057.0 | 8388.4 | 8078.7 |
| 42.5° | 6763.0 | 6241.8 | 6110.2 | 6456.6 | 6789.7 | 6773.0 | 7052.8 | 8250.2 | 8498.3 | 8336.8 |
| 45°   | 6734.7 | 6648.1 | 6971.2 | 7286.0 | 7362.6 | 7074.4 | 6897.9 | 8037.0 | 8465.0 | 8393.4 |
| 47.5° | 6666.4 | 7047.8 | 7610.7 | 8123.6 | 8007.1 | 7276.0 | 6713.1 | 7998.7 | 8485.0 | 8356.8 |
| 50°   | 6643.1 | 7134.4 | 8083.7 | 8583.3 | 8513.3 | 7450.8 | 6626.5 | 7752.3 | 8343.5 | 8331.8 |
| 52.5° | 6641.5 | 7312.6 | 8280.2 | 8833.1 | 8876.4 | 7727.3 | 6744.7 | 7877.2 | 8453.4 | 8551.6 |
| 55°   | 6716.4 | 7256.0 | 8255.2 | 8694.8 | 8678.2 | 7604.0 | 6758.0 | 7960.4 | 8588.3 | 8684.9 |
| 57.5° | 6335.0 | 6499.9 | 6813.0 | 7161.0 | 7071.1 | 6298.4 | 6035.3 | 7359.2 | 7882.1 | 7812.2 |
| 60°   | 5470.7 | 4954.4 | 4601.4 | 4584.7 | 4409.9 | 4168.4 | 4939.5 | 6568.2 | 6568.2 | 6499.9 |
| 62.5° | 4791.2 | 3252.4 | 2794.5 | 2664.6 | 2789.5 | 3067.6 | 4764.6 | 6388.3 | 6206.8 | 6128.5 |
| 65°   | 4190.0 | 2483.1 | 2020.1 | 1983.4 | 2199.9 | 2619.6 | 4308.3 | 5442.4 | 5122.6 | 4862.9 |
| 67.5° | 2696.2 | 1818.6 | 1502.2 | 1437.2 | 1698.7 | 1923.5 | 2867.8 | 3347.4 | 3145.9 | 3044.3 |
| 70°   | 1738.6 | 1184.1 | 836.0  | 784.4  | 886.0  | 1185.7 | 1831.9 | 1951.8 | 1658.7 | 1590.4 |
| 72.5° | 822.7  | 511.3  | 293.1  | 241.5  | 271.5  | 453.0  | 724.4  | 779.4  | 647.8  | 592.9  |
| 75°   | 261.5  | 188.2  | 119.9  | 103.3  | 98.3   | 116.6  | 166.5  | 128.2  | 93.3   | 91.6   |
| 77.5° | 116.6  | 111.6  | 94.9   | 79.9   | 69.9   | 58.3   | 48.3   | 40.0   | 41.6   | 43.3   |
| 80°   | 96.6   | 88.3   | 78.3   | 69.9   | 58.3   | 45.0   | 35.0   | 26.6   | 26.6   | 28.3   |
| 82.5° | 84.9   | 76.6   | 68.3   | 58.3   | 50.0   | 36.6   | 26.6   | 18.3   | 16.7   | 16.7   |
| 85°   | 36.6   | 43.3   | 46.6   | 50.0   | 40.0   | 30.0   | 18.3   | 11.7   | 10.0   | 10.0   |
| 87.5° | 15.0   | 13.3   | 11.7   | 10.0   | 8.3    | 8.3    | 6.7    | 5.0    | 3.3    | 3.3    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)