

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: P451625

Luminaire Tested: **GALN-SA2C-730-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P451625
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA2C-730-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 70 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9247 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

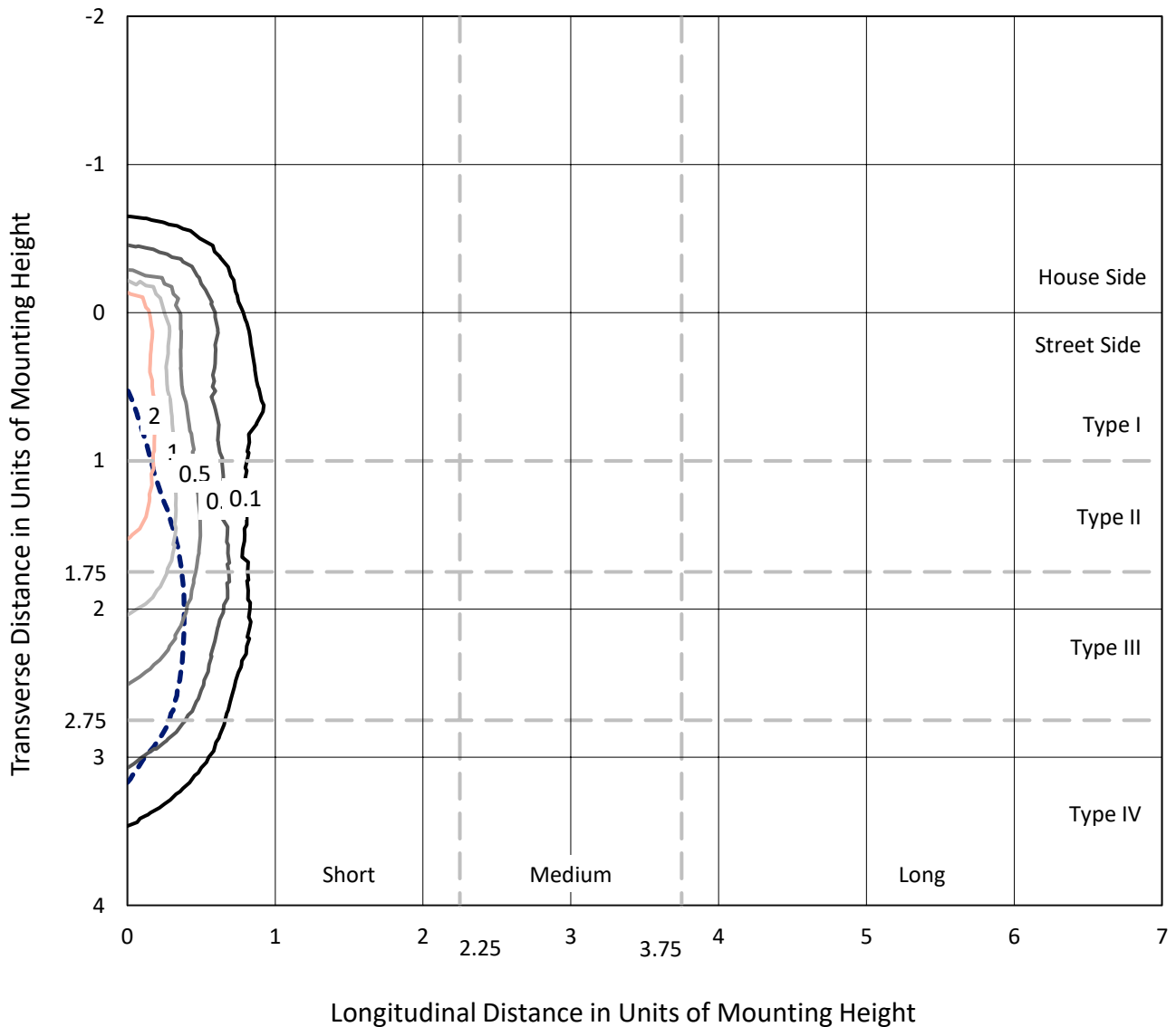
Input Watts (W): 108
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P451625
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Iso-Footcandle Lines of Horizontal Illumination

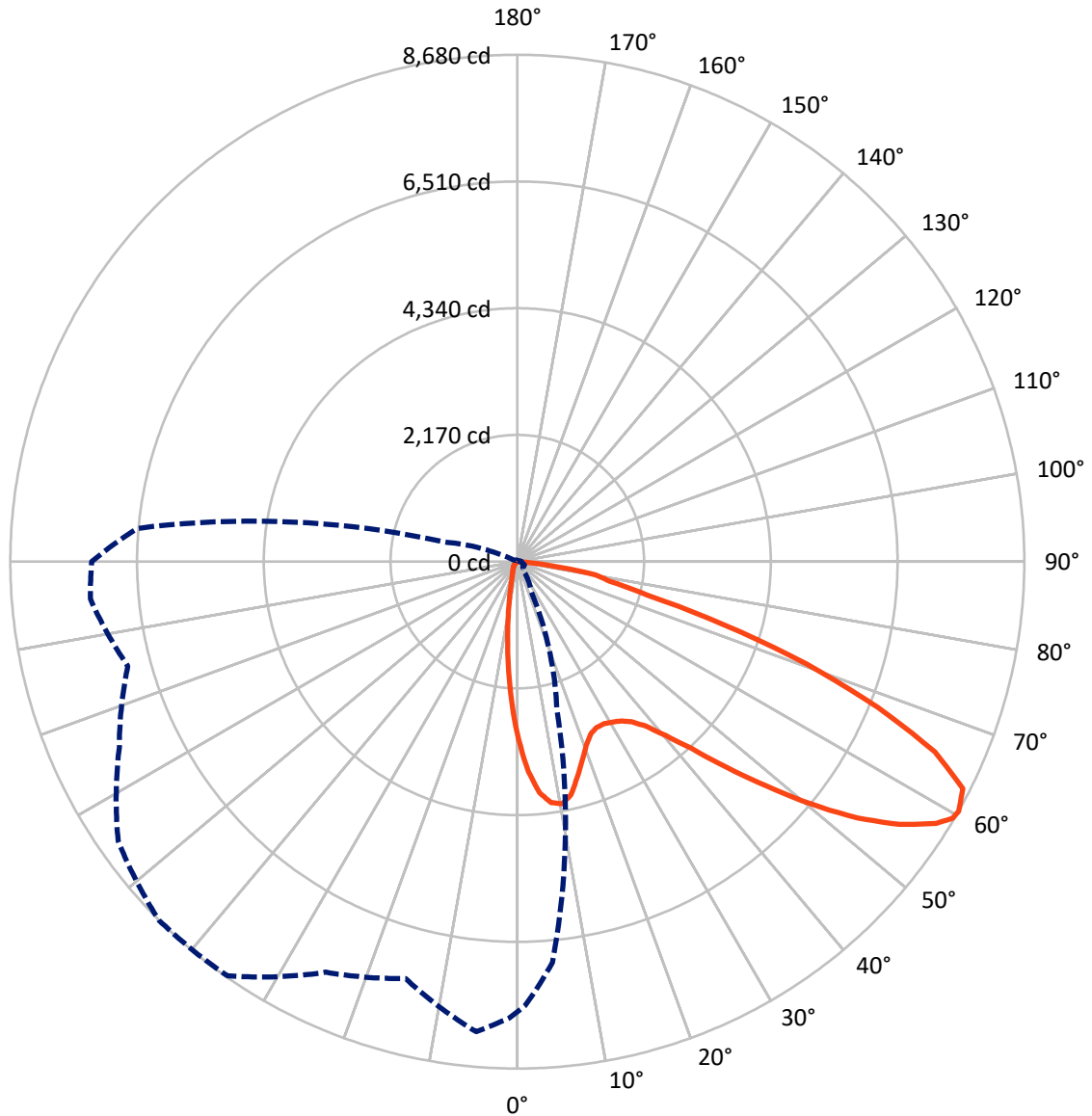
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1140.5 | 0.0 | 1140.5 |
| | % Fixture | 12.3 | 0.0 | 12.3 |
| Street Side | Lumens | 8106.5 | 0.0 | 8106.5 |
| | % Fixture | 87.7 | 0.0 | 87.7 |
| Total | Lumens | 9247.0 | 0.0 | 9247.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 227.3 | 2.5 |
| 10°-20° | 451.4 | 4.9 |
| 20°-30° | 661.9 | 7.2 |
| 30°-40° | 984.4 | 10.6 |
| 40°-50° | 1432.7 | 15.5 |
| 50°-60° | 2066.0 | 22.3 |
| 60°-70° | 2272.4 | 24.6 |
| 70°-80° | 1017.8 | 11.0 |
| 80°-90° | 133.0 | 1.4 |
| 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° | 9247.0 | 100.0 |
| 0°-180° | 9247.0 | 100.0 |



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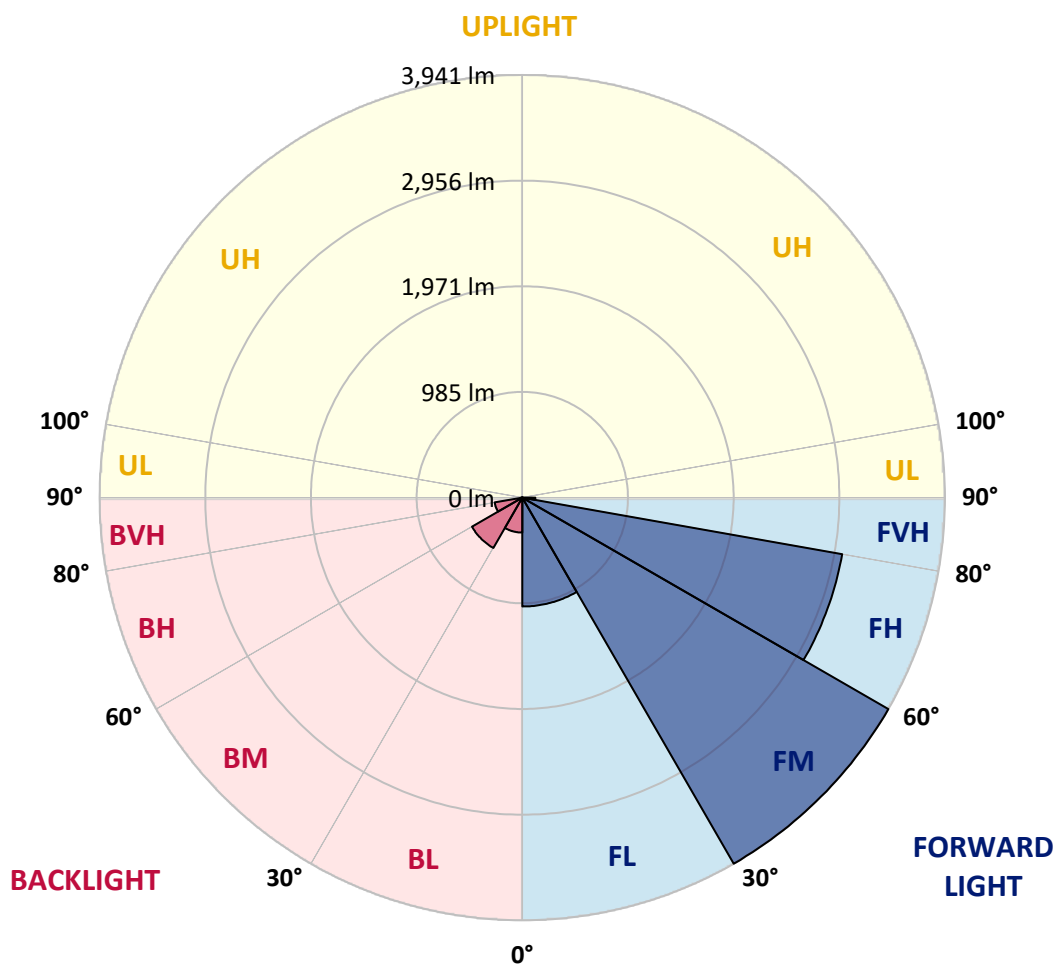
CATALOG NUMBER: GALN-SA2C-730-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 1014.8 | 11.0 | | | |
| FM | (30°-60°) | 3941.4 | 42.6 | | | |
| FH | (60°-80°) | 3028.7 | 32.8 | | | G2/5000 |
| FVH | (80°-90°) | 121.6 | 1.3 | | | G2/225 |
| BL | (0°-30°) | 325.9 | 3.5 | B1/500 | | |
| BM | (30°-60°) | 541.7 | 5.9 | B1/1000 | | |
| BH | (60°-80°) | 261.5 | 2.8 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 11.4 | 0.1 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





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CATALOG NUMBER: GALN-SA2C-730-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 |
| 2.5° | 3359.9 | 3345.2 | 3311.4 | 3208.8 | 3119.5 | 3002.8 | 2884.8 | 2792.0 | 2735.0 | 2630.3 | 2582.5 |
| 5° | 3255.2 | 3262.2 | 3164.5 | 2953.6 | 2718.9 | 2558.6 | 2383.6 | 2244.4 | 2091.2 | 1994.2 | 1892.2 |
| 7.5° | 2981.8 | 2967.7 | 2861.6 | 2567.7 | 2282.4 | 2050.4 | 1829.0 | 1649.0 | 1535.9 | 1445.2 | 1369.3 |
| 10° | 2747.7 | 2737.1 | 2601.5 | 2223.3 | 1916.8 | 1743.2 | 1593.5 | 1436.1 | 1314.4 | 1181.6 | 1075.5 |
| 12.5° | 2600.8 | 2576.9 | 2420.8 | 2025.8 | 1776.3 | 1614.6 | 1451.5 | 1287.7 | 1119.7 | 985.5 | 856.9 |
| 15° | 2551.6 | 2517.1 | 2343.5 | 1957.6 | 1686.3 | 1481.0 | 1276.5 | 1088.1 | 894.8 | 746.5 | 649.5 |
| 17.5° | 2640.8 | 2583.9 | 2399.0 | 1945.7 | 1578.7 | 1306.7 | 1055.1 | 809.8 | 608.7 | 495.6 | 435.8 |
| 20° | 2845.4 | 2780.0 | 2539.6 | 1933.7 | 1459.2 | 1111.3 | 802.0 | 572.2 | 421.0 | 359.2 | 326.2 |
| 22.5° | 3149.1 | 3059.1 | 2747.7 | 1952.7 | 1348.9 | 920.8 | 579.2 | 404.2 | 334.6 | 295.9 | 272.7 |
| 25° | 3513.9 | 3438.7 | 3011.3 | 2020.2 | 1261.7 | 771.1 | 447.8 | 330.4 | 281.9 | 258.0 | 240.4 |
| 27.5° | 3913.8 | 3793.6 | 3352.2 | 2101.0 | 1182.3 | 655.1 | 392.9 | 295.2 | 250.9 | 229.1 | 220.0 |
| 30° | 4198.5 | 4105.0 | 3637.6 | 2157.2 | 1083.2 | 568.0 | 359.2 | 291.0 | 251.6 | 225.6 | 208.8 |
| 32.5° | 4479.7 | 4360.2 | 3876.6 | 2183.2 | 1010.8 | 507.5 | 310.7 | 253.8 | 220.7 | 207.4 | 190.5 |
| 35° | 4780.5 | 4655.4 | 4114.9 | 2169.2 | 956.7 | 467.4 | 281.9 | 226.3 | 189.1 | 166.6 | 149.7 |
| 37.5° | 5084.9 | 4952.7 | 4351.7 | 2118.6 | 922.9 | 451.3 | 259.4 | 215.1 | 178.5 | 155.3 | 137.1 |
| 40° | 5446.2 | 5269.7 | 4573.9 | 2077.1 | 887.8 | 442.8 | 244.6 | 208.1 | 170.8 | 146.2 | 127.9 |
| 42.5° | 5741.4 | 5573.4 | 4784.0 | 2055.3 | 863.9 | 423.2 | 244.6 | 202.4 | 165.9 | 138.5 | 119.5 |
| 45° | 6021.2 | 5846.8 | 5011.1 | 2072.9 | 854.0 | 398.6 | 247.4 | 201.7 | 162.4 | 132.9 | 113.9 |
| 47.5° | 6255.2 | 6104.1 | 5244.4 | 2139.0 | 841.4 | 371.8 | 232.7 | 211.6 | 160.3 | 127.9 | 108.2 |
| 50° | 6531.5 | 6385.3 | 5553.0 | 2272.5 | 818.9 | 345.1 | 214.4 | 227.7 | 159.6 | 123.7 | 103.3 |
| 52.5° | 6920.9 | 6762.7 | 5979.0 | 2424.3 | 783.0 | 304.4 | 197.5 | 225.6 | 156.7 | 116.7 | 98.4 |
| 55° | 7396.8 | 7268.8 | 6472.4 | 2606.4 | 733.8 | 258.7 | 170.8 | 200.3 | 148.3 | 104.7 | 90.0 |
| 57.5° | 7701.8 | 7592.9 | 6842.2 | 2685.1 | 658.6 | 211.6 | 150.4 | 168.0 | 135.7 | 93.5 | 80.1 |
| 59° | 7737.7 | 7639.3 | 6919.5 | 2659.1 | 609.4 | 193.3 | 140.6 | 144.1 | 132.1 | 87.2 | 74.5 |
| 60° | 7707.4 | 7605.5 | 6888.5 | 2608.5 | 563.7 | 180.6 | 132.1 | 127.9 | 132.9 | 83.6 | 70.3 |
| 62.5° | 7513.4 | 7339.1 | 6588.4 | 2351.9 | 492.7 | 165.9 | 117.4 | 104.7 | 117.4 | 75.2 | 62.6 |
| 65° | 7138.8 | 6877.3 | 5994.4 | 1990.6 | 464.6 | 157.5 | 99.8 | 87.9 | 89.3 | 66.1 | 54.1 |
| 67.5° | 6484.4 | 6154.7 | 5203.7 | 1617.4 | 452.7 | 158.2 | 84.3 | 78.7 | 68.9 | 56.2 | 47.8 |
| 70° | 5449.7 | 5120.7 | 4175.3 | 1330.6 | 447.1 | 158.2 | 71.7 | 67.5 | 57.6 | 47.1 | 41.5 |
| 72.5° | 3861.8 | 3507.5 | 2816.6 | 1045.2 | 402.8 | 157.5 | 61.2 | 61.2 | 47.1 | 39.4 | 33.7 |
| 75° | 2181.8 | 2184.7 | 1770.6 | 739.5 | 334.6 | 130.0 | 49.2 | 48.5 | 34.4 | 30.2 | 25.3 |
| 77.5° | 1271.6 | 1249.1 | 1193.5 | 317.7 | 155.3 | 59.0 | 34.4 | 29.5 | 23.9 | 21.8 | 18.3 |
| 80° | 653.7 | 537.7 | 523.7 | 115.3 | 55.5 | 37.3 | 23.9 | 16.9 | 15.5 | 14.1 | 12.7 |
| 82.5° | 193.3 | 194.0 | 172.9 | 46.4 | 30.9 | 24.6 | 11.9 | 9.1 | 8.4 | 7.7 | 7.7 |
| 85° | 13.4 | 8.4 | 9.8 | 14.1 | 19.0 | 9.8 | 0.7 | 2.1 | 2.1 | 2.8 | 3.5 |
| 87.5° | 1.4 | 0.7 | 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 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 |
| 2.5° | 2529.8 | 2560.7 | 2503.1 | 2504.5 | 2456.7 | 2472.1 | 2415.9 | 2434.2 | 2401.2 | 2426.5 | 2501.0 |
| 5° | 1903.5 | 1910.5 | 1864.1 | 1849.4 | 1856.4 | 1885.2 | 1896.5 | 1845.1 | 1866.9 | 1824.1 | 1821.2 |
| 7.5° | 1341.2 | 1349.6 | 1322.9 | 1319.4 | 1370.0 | 1358.0 | 1379.8 | 1327.1 | 1277.2 | 1299.0 | 1258.9 |
| 10° | 1041.7 | 1006.6 | 951.7 | 936.3 | 926.4 | 932.8 | 932.8 | 885.0 | 877.9 | 859.0 | 887.8 |
| 12.5° | 822.4 | 779.5 | 727.5 | 657.2 | 639.7 | 638.2 | 612.2 | 570.1 | 556.7 | 540.5 | 564.4 |
| 15° | 597.5 | 579.9 | 536.3 | 497.0 | 456.9 | 449.2 | 407.0 | 372.5 | 326.9 | 320.5 | 318.4 |
| 17.5° | 420.3 | 394.3 | 393.6 | 371.1 | 347.9 | 332.5 | 293.1 | 253.8 | 236.2 | 234.1 | 234.1 |
| 20° | 314.9 | 305.8 | 291.0 | 288.2 | 281.2 | 263.6 | 228.4 | 207.4 | 198.9 | 199.6 | 202.4 |
| 22.5° | 265.0 | 258.7 | 245.3 | 239.0 | 236.2 | 220.7 | 194.7 | 180.6 | 176.4 | 176.4 | 177.1 |
| 25° | 236.9 | 231.3 | 216.5 | 206.7 | 203.1 | 191.9 | 171.5 | 161.0 | 157.5 | 157.5 | 157.5 |
| 27.5° | 215.8 | 208.8 | 193.3 | 184.9 | 178.5 | 165.9 | 153.2 | 142.7 | 139.2 | 139.2 | 139.9 |
| 30° | 201.0 | 193.3 | 179.2 | 168.0 | 158.2 | 146.9 | 136.4 | 127.2 | 123.0 | 122.3 | 123.0 |
| 32.5° | 181.4 | 174.3 | 160.3 | 153.2 | 142.0 | 128.6 | 120.2 | 111.8 | 107.5 | 108.2 | 107.5 |
| 35° | 141.3 | 139.2 | 129.3 | 131.4 | 125.1 | 113.9 | 106.1 | 97.0 | 92.1 | 91.4 | 92.8 |
| 37.5° | 128.6 | 120.2 | 109.0 | 109.7 | 107.5 | 103.3 | 90.7 | 80.8 | 77.3 | 77.3 | 78.0 |
| 40° | 118.8 | 110.4 | 97.7 | 91.4 | 92.1 | 92.1 | 78.7 | 68.2 | 64.7 | 64.0 | 65.4 |
| 42.5° | 110.4 | 101.9 | 87.9 | 77.3 | 74.5 | 78.0 | 66.8 | 56.2 | 52.7 | 51.3 | 52.7 |
| 45° | 104.7 | 95.6 | 79.4 | 67.5 | 59.0 | 63.3 | 54.8 | 46.4 | 42.2 | 42.2 | 41.5 |
| 47.5° | 99.1 | 90.7 | 73.1 | 58.3 | 49.2 | 47.1 | 45.0 | 37.3 | 33.0 | 32.3 | 33.0 |
| 50° | 94.2 | 85.8 | 66.1 | 50.6 | 41.5 | 36.6 | 36.6 | 29.5 | 26.7 | 25.3 | 26.0 |
| 52.5° | 89.3 | 80.1 | 59.7 | 45.0 | 35.8 | 29.5 | 26.0 | 23.9 | 21.8 | 21.1 | 21.8 |
| 55° | 82.2 | 73.1 | 53.4 | 38.7 | 30.9 | 24.6 | 20.4 | 19.7 | 18.3 | 16.9 | 18.3 |
| 57.5° | 73.8 | 65.4 | 47.1 | 33.0 | 24.6 | 19.0 | 16.9 | 16.2 | 14.8 | 14.1 | 14.1 |
| 59° | 68.9 | 61.2 | 43.6 | 28.8 | 21.8 | 16.9 | 15.5 | 14.8 | 13.4 | 11.9 | 12.7 |
| 60° | 66.1 | 59.7 | 41.5 | 26.7 | 19.7 | 15.5 | 14.1 | 13.4 | 11.9 | 11.2 | 11.9 |
| 62.5° | 58.3 | 53.4 | 36.6 | 21.8 | 15.5 | 11.2 | 9.8 | 10.5 | 9.8 | 9.1 | 9.8 |
| 65° | 51.3 | 47.1 | 30.9 | 16.9 | 11.9 | 7.7 | 7.0 | 9.1 | 8.4 | 7.7 | 8.4 |
| 67.5° | 45.7 | 40.8 | 26.0 | 12.7 | 8.4 | 4.2 | 4.9 | 7.7 | 7.7 | 7.0 | 7.7 |
| 70° | 39.4 | 35.1 | 21.1 | 9.1 | 4.2 | 2.1 | 3.5 | 5.6 | 7.0 | 6.3 | 7.0 |
| 72.5° | 32.3 | 27.4 | 16.2 | 6.3 | 2.1 | 0.0 | 2.1 | 4.9 | 7.0 | 6.3 | 7.0 |
| 75° | 25.3 | 20.4 | 11.9 | 3.5 | 0.0 | 0.0 | 0.7 | 4.2 | 7.0 | 6.3 | 7.0 |
| 77.5° | 18.3 | 14.8 | 7.0 | 0.7 | 0.0 | 0.0 | 0.7 | 4.2 | 7.0 | 6.3 | 7.0 |
| 80° | 11.9 | 10.5 | 2.8 | 0.0 | 0.0 | 0.0 | 0.7 | 4.2 | 7.0 | 7.0 | 7.7 |
| 82.5° | 7.7 | 5.6 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 5.6 | 7.7 | 8.4 | 8.4 |
| 85° | 3.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 7.0 | 9.1 | 9.1 | 9.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 4.9 | 8.4 | 10.5 | 10.5 | 10.5 |
| 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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CATALOG NUMBER: GALN-SA2C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 |
| 2.5° | 2513.6 | 2557.9 | 2620.5 | 2716.8 | 2794.8 | 2917.8 | 3012.0 | 3140.6 | 3270.7 | 3310.0 | 3371.2 |
| 5° | 1850.1 | 1907.0 | 2049.0 | 2178.3 | 2259.9 | 2519.9 | 2684.4 | 2943.8 | 3176.5 | 3288.2 | 3409.8 |
| 7.5° | 1284.9 | 1352.4 | 1460.7 | 1641.3 | 1812.8 | 2024.4 | 2290.1 | 2586.7 | 2927.6 | 3087.2 | 3258.7 |
| 10° | 901.8 | 986.2 | 1138.7 | 1287.0 | 1502.8 | 1703.9 | 1966.0 | 2293.6 | 2669.7 | 2858.0 | 3073.1 |
| 12.5° | 569.4 | 644.6 | 846.3 | 1012.9 | 1282.1 | 1515.5 | 1757.3 | 2053.9 | 2489.7 | 2683.0 | 2908.7 |
| 15° | 325.4 | 388.7 | 482.9 | 696.6 | 995.3 | 1303.9 | 1605.5 | 1949.9 | 2397.6 | 2635.9 | 2879.8 |
| 17.5° | 242.5 | 259.4 | 301.5 | 422.5 | 694.5 | 1055.1 | 1465.6 | 1918.2 | 2460.2 | 2740.0 | 3018.3 |
| 20° | 203.8 | 215.1 | 234.8 | 282.6 | 442.8 | 812.6 | 1329.2 | 1923.9 | 2662.6 | 3014.1 | 3278.4 |
| 22.5° | 182.8 | 189.8 | 206.0 | 236.9 | 302.3 | 591.9 | 1169.6 | 1956.9 | 2908.0 | 3350.8 | 3655.9 |
| 25° | 160.3 | 169.4 | 183.5 | 210.2 | 251.6 | 410.5 | 1012.2 | 2030.7 | 3251.7 | 3778.2 | 4064.9 |
| 27.5° | 142.7 | 151.1 | 165.2 | 189.8 | 220.7 | 313.5 | 828.7 | 2094.0 | 3614.4 | 4208.3 | 4443.1 |
| 30° | 125.1 | 133.6 | 147.6 | 167.3 | 195.4 | 253.8 | 631.2 | 2131.2 | 3966.5 | 4531.0 | 4711.6 |
| 32.5° | 110.4 | 117.4 | 130.7 | 148.3 | 171.5 | 215.1 | 497.7 | 2092.6 | 4235.8 | 4824.1 | 4945.0 |
| 35° | 95.6 | 104.0 | 115.3 | 131.4 | 151.8 | 183.5 | 414.0 | 1959.0 | 4467.0 | 5125.6 | 5169.2 |
| 37.5° | 80.1 | 90.0 | 101.9 | 116.7 | 132.9 | 168.7 | 332.5 | 1811.4 | 4714.4 | 5501.7 | 5430.0 |
| 40° | 67.5 | 76.6 | 87.9 | 104.0 | 118.8 | 154.6 | 255.9 | 1654.0 | 4981.5 | 5854.6 | 5714.7 |
| 42.5° | 54.8 | 64.7 | 78.0 | 92.8 | 117.4 | 135.0 | 198.2 | 1490.9 | 5221.2 | 6161.7 | 5971.9 |
| 45° | 43.6 | 52.0 | 66.1 | 85.1 | 116.7 | 116.0 | 153.2 | 1329.9 | 5401.9 | 6381.0 | 6163.8 |
| 47.5° | 34.4 | 41.5 | 55.5 | 82.9 | 107.5 | 98.4 | 123.0 | 1230.1 | 5591.7 | 6578.6 | 6310.8 |
| 50° | 27.4 | 34.4 | 47.8 | 86.5 | 94.2 | 84.3 | 103.3 | 1246.3 | 5775.1 | 6679.1 | 6371.2 |
| 52.5° | 23.2 | 30.2 | 41.5 | 68.2 | 72.4 | 73.8 | 90.7 | 1320.8 | 6012.0 | 6786.6 | 6491.4 |
| 55° | 20.4 | 26.7 | 35.1 | 47.8 | 56.2 | 66.1 | 82.9 | 1374.9 | 6329.0 | 7017.2 | 6756.4 |
| 57.5° | 16.2 | 23.2 | 31.6 | 40.8 | 46.4 | 57.6 | 76.6 | 1379.1 | 6615.8 | 7313.1 | 7108.6 |
| 59° | 14.8 | 21.1 | 29.5 | 38.7 | 41.5 | 52.0 | 72.4 | 1343.3 | 6626.4 | 7357.4 | 7270.2 |
| 60° | 13.4 | 20.4 | 28.1 | 35.8 | 39.4 | 49.2 | 68.9 | 1301.8 | 6530.8 | 7287.1 | 7337.0 |
| 62.5° | 11.2 | 17.6 | 24.6 | 28.8 | 33.7 | 40.8 | 59.7 | 1151.4 | 6067.5 | 6968.7 | 7213.3 |
| 65° | 9.8 | 15.5 | 21.1 | 23.9 | 28.1 | 35.1 | 52.7 | 921.5 | 5555.8 | 6537.1 | 6859.0 |
| 67.5° | 9.1 | 14.1 | 18.3 | 20.4 | 24.6 | 32.3 | 47.1 | 650.9 | 4893.0 | 5989.5 | 6326.9 |
| 70° | 8.4 | 13.4 | 16.2 | 19.0 | 21.8 | 27.4 | 40.1 | 379.6 | 3769.0 | 5029.3 | 5385.7 |
| 72.5° | 8.4 | 12.7 | 14.1 | 16.2 | 19.0 | 24.6 | 37.3 | 205.3 | 2576.9 | 3836.5 | 4296.9 |
| 75° | 8.4 | 11.9 | 12.7 | 14.1 | 16.9 | 22.5 | 33.0 | 107.5 | 1665.9 | 2665.4 | 3289.6 |
| 77.5° | 8.4 | 11.2 | 12.7 | 13.4 | 16.2 | 19.7 | 28.8 | 67.5 | 1109.9 | 1866.9 | 2223.3 |
| 80° | 9.1 | 11.2 | 11.9 | 13.4 | 15.5 | 18.3 | 23.9 | 45.0 | 652.3 | 1123.3 | 1353.1 |
| 82.5° | 9.8 | 11.2 | 12.7 | 14.1 | 16.2 | 17.6 | 21.1 | 28.1 | 300.8 | 743.0 | 840.7 |
| 85° | 10.5 | 11.9 | 13.4 | 14.8 | 16.9 | 17.6 | 19.7 | 20.4 | 49.2 | 335.3 | 453.4 |
| 87.5° | 11.2 | 12.7 | 14.1 | 15.5 | 18.3 | 18.3 | 18.3 | 18.3 | 16.9 | 35.8 | 91.4 |
| 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: P451625

CATALOG NUMBER: GALN-SA2C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 | 3056.3 |
| 2.5° | 3448.5 | 3527.9 | 3583.5 | 3597.5 | 3557.4 | 3539.2 | 3488.6 | 3409.8 | 3362.0 | 3359.9 |
| 5° | 3634.1 | 3820.3 | 3949.7 | 3971.5 | 3894.1 | 3763.4 | 3608.1 | 3407.7 | 3290.3 | 3255.2 |
| 7.5° | 3602.4 | 3928.6 | 4136.6 | 4166.9 | 4036.8 | 3787.3 | 3486.4 | 3163.8 | 3035.9 | 2981.8 |
| 10° | 3472.4 | 3870.2 | 4167.6 | 4215.4 | 4041.7 | 3690.3 | 3307.9 | 2948.0 | 2789.2 | 2747.7 |
| 12.5° | 3361.3 | 3763.4 | 4027.7 | 4093.8 | 3962.3 | 3611.6 | 3201.1 | 2809.5 | 2639.4 | 2600.8 |
| 15° | 3312.8 | 3636.9 | 3798.5 | 3832.3 | 3810.5 | 3562.4 | 3189.8 | 2788.5 | 2593.7 | 2551.6 |
| 17.5° | 3361.3 | 3529.3 | 3549.7 | 3584.2 | 3632.7 | 3557.4 | 3298.1 | 2903.0 | 2692.9 | 2640.8 |
| 20° | 3488.6 | 3435.8 | 3351.5 | 3366.3 | 3477.3 | 3577.8 | 3490.7 | 3156.8 | 2900.9 | 2845.4 |
| 22.5° | 3705.1 | 3412.6 | 3221.5 | 3208.8 | 3349.4 | 3646.0 | 3773.2 | 3500.5 | 3203.9 | 3149.1 |
| 25° | 3970.8 | 3471.0 | 3173.7 | 3146.2 | 3299.5 | 3745.8 | 4080.4 | 3921.6 | 3597.5 | 3513.9 |
| 27.5° | 4260.4 | 3591.9 | 3173.7 | 3146.9 | 3295.3 | 3834.4 | 4343.3 | 4294.1 | 4005.2 | 3913.8 |
| 30° | 4419.2 | 3691.7 | 3219.3 | 3189.1 | 3347.3 | 3885.7 | 4483.9 | 4625.2 | 4311.7 | 4198.5 |
| 32.5° | 4561.2 | 3830.2 | 3308.6 | 3251.7 | 3456.2 | 3961.6 | 4609.7 | 4906.3 | 4555.6 | 4479.7 |
| 35° | 4691.9 | 3978.5 | 3431.6 | 3365.5 | 3599.6 | 4065.6 | 4748.9 | 5201.6 | 4895.1 | 4780.5 |
| 37.5° | 4836.0 | 4150.7 | 3623.5 | 3567.3 | 3839.3 | 4268.1 | 4914.1 | 5589.6 | 5229.0 | 5084.9 |
| 40° | 4992.8 | 4350.3 | 3939.1 | 3915.2 | 4220.3 | 4497.2 | 5122.8 | 6003.6 | 5609.9 | 5446.2 |
| 42.5° | 5152.4 | 4580.2 | 4325.7 | 4365.1 | 4651.9 | 4818.5 | 5337.2 | 6322.0 | 5922.0 | 5741.4 |
| 45° | 5297.2 | 4874.0 | 4828.3 | 5023.0 | 5155.2 | 5132.0 | 5496.1 | 6546.2 | 6194.1 | 6021.2 |
| 47.5° | 5479.9 | 5302.1 | 5436.3 | 5736.5 | 5740.0 | 5472.9 | 5616.3 | 6729.7 | 6428.1 | 6255.2 |
| 50° | 5684.5 | 5807.5 | 6221.5 | 6527.2 | 6445.0 | 5808.2 | 5756.9 | 6946.9 | 6669.9 | 6531.5 |
| 52.5° | 5921.3 | 6373.3 | 6946.9 | 7286.4 | 7094.5 | 6173.7 | 5990.9 | 7181.7 | 7053.7 | 6920.9 |
| 55° | 6196.9 | 6759.2 | 7670.2 | 7940.8 | 7747.5 | 6627.8 | 6346.6 | 7500.1 | 7487.4 | 7396.8 |
| 57.5° | 6508.3 | 7166.9 | 8089.1 | 8455.3 | 8283.1 | 7160.6 | 6843.6 | 7800.2 | 7752.4 | 7701.8 |
| 59° | 6754.3 | 7376.4 | 8274.0 | 8653.6 | 8549.5 | 7533.8 | 7177.4 | 7987.2 | 7813.6 | 7737.7 |
| 60° | 6903.3 | 7518.4 | 8342.2 | 8680.3 | 8656.4 | 7755.9 | 7389.0 | 8078.6 | 7812.9 | 7707.4 |
| 62.5° | 7345.4 | 7766.5 | 8316.2 | 8561.5 | 8655.0 | 8181.9 | 8009.7 | 8179.1 | 7668.1 | 7513.4 |
| 65° | 7502.9 | 7684.2 | 7885.3 | 7855.1 | 7935.2 | 8160.1 | 8406.1 | 8068.7 | 7358.8 | 7138.8 |
| 67.5° | 7196.4 | 6782.4 | 6853.4 | 6651.7 | 6612.3 | 7254.8 | 8245.2 | 7528.9 | 6753.6 | 6484.4 |
| 70° | 6066.1 | 5195.9 | 5160.1 | 5252.9 | 4998.4 | 5873.5 | 7403.8 | 6489.3 | 5754.7 | 5449.7 |
| 72.5° | 4774.9 | 3672.0 | 3369.8 | 3711.4 | 3703.6 | 4481.1 | 6150.5 | 4604.8 | 3887.8 | 3861.8 |
| 75° | 3755.0 | 2556.5 | 2243.7 | 2299.2 | 2406.1 | 3243.9 | 4898.6 | 2924.1 | 2394.1 | 2181.8 |
| 77.5° | 2520.6 | 1811.4 | 1689.8 | 1621.6 | 1736.9 | 2082.7 | 3099.1 | 1585.8 | 1342.6 | 1271.6 |
| 80° | 1452.9 | 1315.9 | 1494.4 | 1356.6 | 1418.5 | 1312.3 | 1541.5 | 727.5 | 603.8 | 653.7 |
| 82.5° | 945.4 | 749.3 | 798.5 | 593.3 | 811.2 | 818.2 | 494.9 | 215.1 | 182.1 | 193.3 |
| 85° | 591.1 | 351.5 | 197.5 | 140.6 | 279.8 | 514.5 | 154.6 | 13.4 | 15.5 | 13.4 |
| 87.5° | 153.2 | 58.3 | 24.6 | 36.6 | 45.0 | 40.1 | 35.8 | 2.1 | 0.7 | 1.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)