

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: P946498

Luminaire Tested: **GALN-SB2A-850-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946498
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB2A-850-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 80 CRI, 5000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6549 lumens
Efficiency: N/A
Efficacy: 114.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

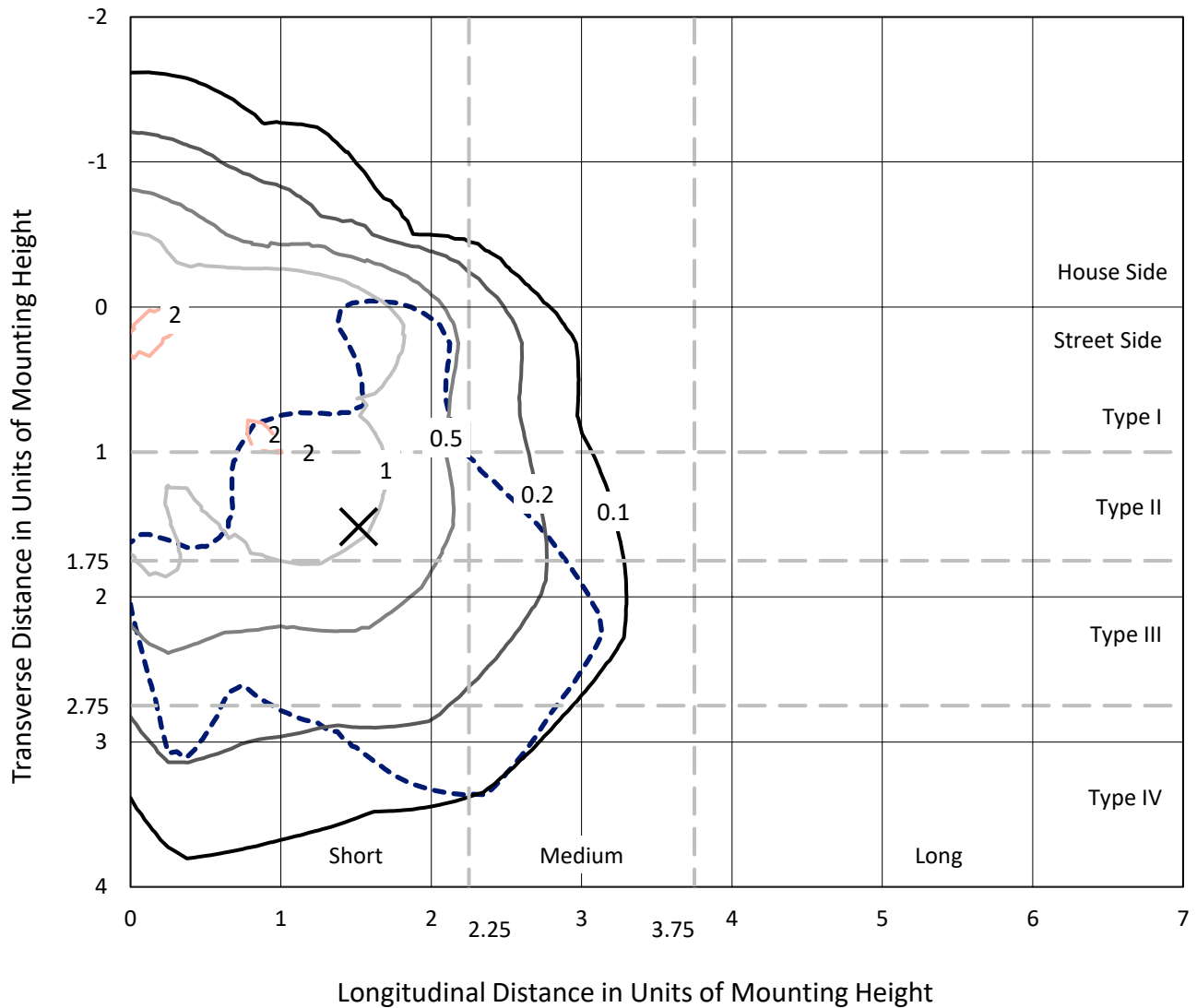
Input Watts (W): 57.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P946498
 CATALOG NUMBER: GALN-SB2A-850-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

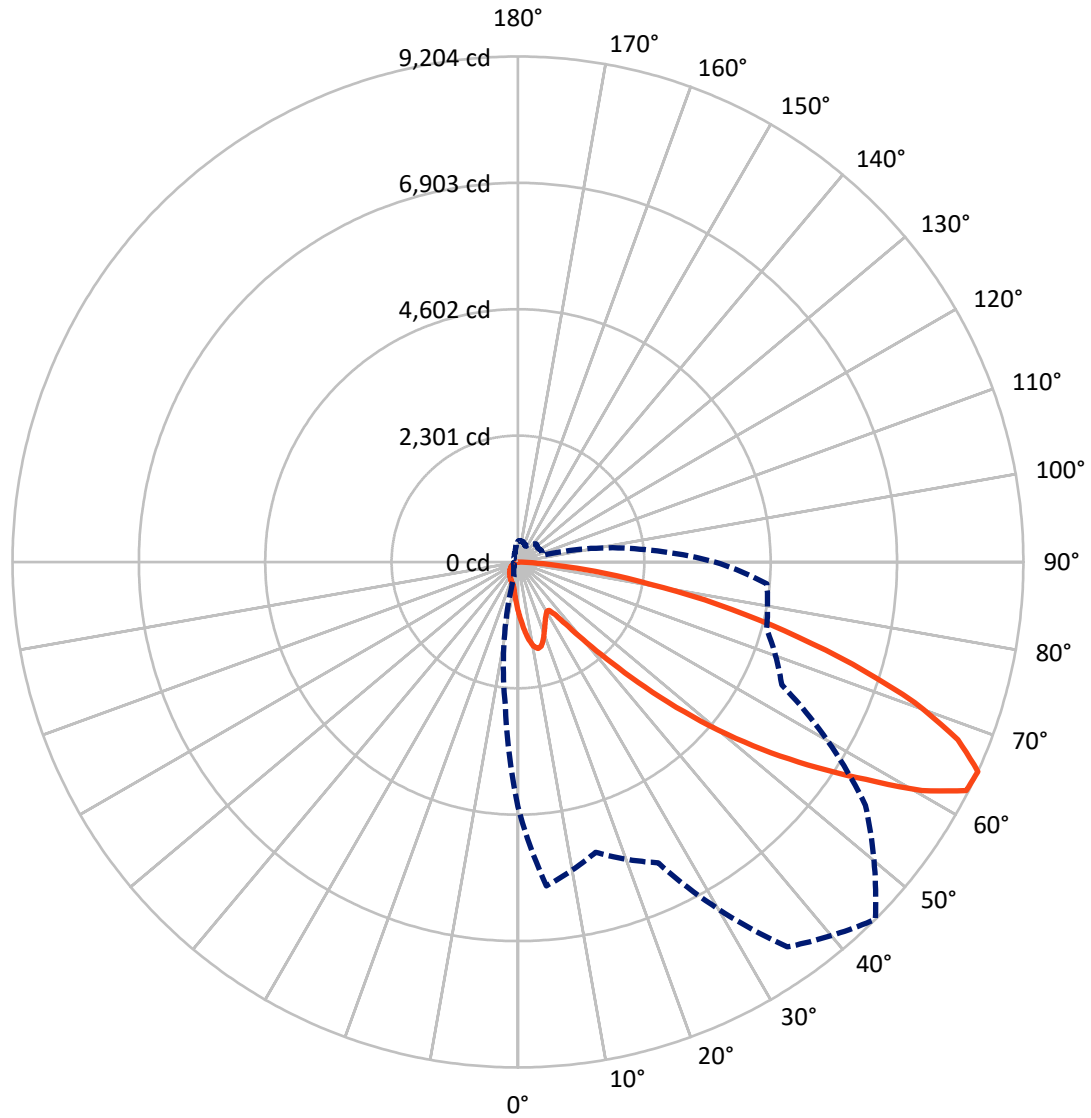
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P946498
CATALOG NUMBER: GALN-SB2A-850-U-SLL-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P946498
 CATALOG NUMBER: GALN-SB2A-850-U-SLL-HSS

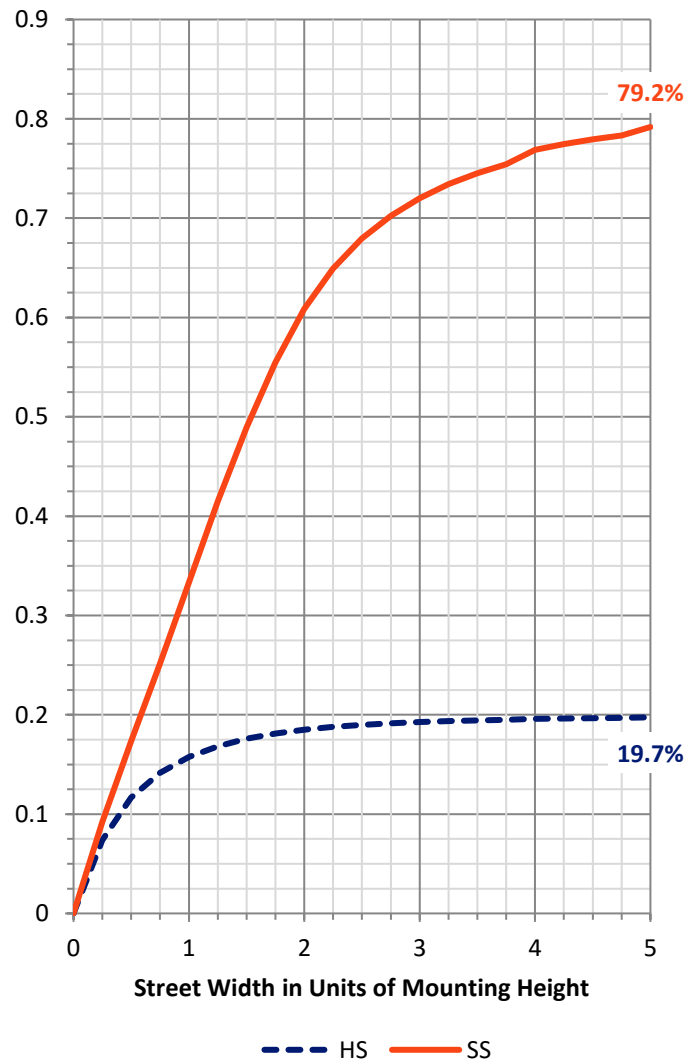
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1301.7 | 0.0 | 1301.7 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 5247.3 | 0.0 | 5247.3 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 6549.0 | 0.0 | 6549.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 89.3 | 1.4 |
| 10°-20° | 267.6 | 4.1 |
| 20°-30° | 394.3 | 6.0 |
| 30°-40° | 506.5 | 7.7 |
| 40°-50° | 819.2 | 12.5 |
| 50°-60° | 1436.6 | 21.9 |
| 60°-70° | 1797.6 | 27.4 |
| 70°-80° | 1050.4 | 16.0 |
| 80°-90° | 187.4 | 2.9 |
| 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° | 6549.0 | 100.0 |
| 0°-180° | 6549.0 | 100.0 |



REPORT NUMBER: P946498

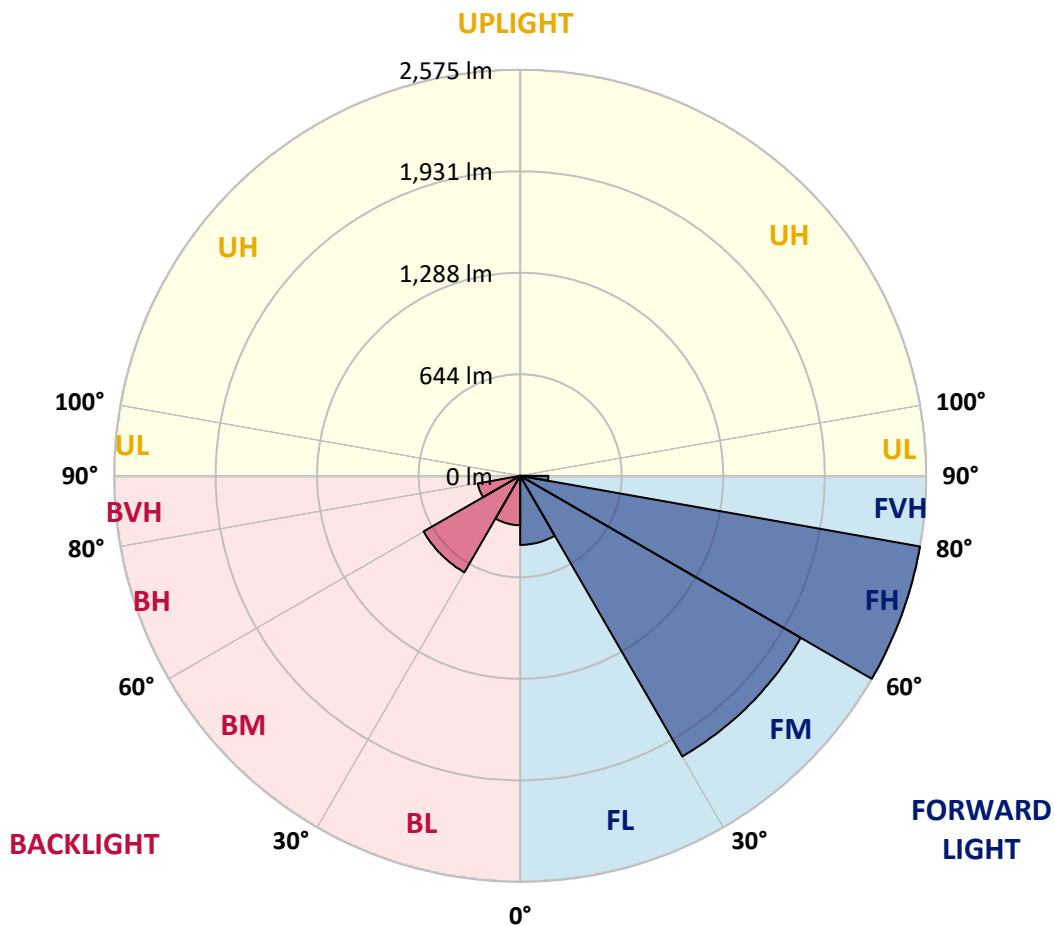
CATALOG NUMBER: GALN-SB2A-850-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 438.2 | 6.7 | | | |
| FM (30°-60°) | 2055.2 | 31.4 | | | |
| FH (60°-80°) | 2575.3 | 39.3 | | | G2/5000 |
| FVH (80°-90°) | 178.6 | 2.7 | | | G2/225 |
| BL (0°-30°) | 313.0 | 4.8 | B1/500 | | |
| BM (30°-60°) | 707.2 | 10.8 | B1/1000 | | |
| BH (60°-80°) | 272.7 | 4.2 | B1/500 | | G1/500 |
| BVH (80°-90°) | 8.8 | 0.1 | | | G0/10 |
| 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



REPORT NUMBER: P946498
 CATALOG NUMBER: GALN-SB2A-850-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 |
| 2.5° | 1016.0 | 1023.7 | 1040.8 | 1049.8 | 1063.8 | 1064.7 | 1064.7 | 1052.6 | 1052.1 | 1027.3 |
| 5° | 1135.6 | 1153.6 | 1194.2 | 1236.2 | 1245.2 | 1247.5 | 1242.9 | 1218.6 | 1200.5 | 1152.3 |
| 7.5° | 1254.2 | 1289.0 | 1350.8 | 1406.7 | 1424.8 | 1424.8 | 1413.9 | 1374.2 | 1337.2 | 1267.3 |
| 10° | 1352.6 | 1396.3 | 1480.2 | 1543.0 | 1563.7 | 1559.2 | 1537.1 | 1487.0 | 1436.0 | 1351.2 |
| 12.5° | 1417.5 | 1466.7 | 1558.7 | 1609.3 | 1630.5 | 1618.8 | 1593.5 | 1544.8 | 1491.1 | 1401.7 |
| 15° | 1450.0 | 1501.5 | 1581.3 | 1607.9 | 1602.1 | 1589.9 | 1586.7 | 1563.3 | 1522.7 | 1439.2 |
| 17.5° | 1464.0 | 1511.8 | 1567.3 | 1550.6 | 1501.0 | 1491.5 | 1523.1 | 1552.9 | 1543.0 | 1471.7 |
| 20° | 1477.1 | 1517.2 | 1533.9 | 1459.9 | 1373.3 | 1364.8 | 1425.2 | 1510.0 | 1553.3 | 1501.9 |
| 22.5° | 1495.1 | 1520.0 | 1485.7 | 1364.3 | 1270.9 | 1251.1 | 1317.8 | 1445.5 | 1556.5 | 1540.3 |
| 25° | 1520.0 | 1526.7 | 1432.4 | 1273.6 | 1179.8 | 1159.9 | 1222.2 | 1373.8 | 1551.1 | 1581.8 |
| 27.5° | 1549.7 | 1535.7 | 1381.4 | 1197.8 | 1107.1 | 1088.6 | 1150.9 | 1304.7 | 1535.7 | 1623.3 |
| 30° | 1588.5 | 1547.5 | 1330.9 | 1139.2 | 1055.3 | 1041.7 | 1101.7 | 1245.2 | 1516.8 | 1676.1 |
| 32.5° | 1627.8 | 1552.4 | 1284.0 | 1104.9 | 1043.5 | 1048.5 | 1097.7 | 1213.2 | 1496.0 | 1726.6 |
| 35° | 1670.2 | 1568.2 | 1261.0 | 1138.7 | 1141.4 | 1184.7 | 1205.0 | 1242.9 | 1492.9 | 1795.2 |
| 37.5° | 1727.9 | 1603.4 | 1288.5 | 1307.0 | 1400.8 | 1490.6 | 1473.9 | 1388.7 | 1529.4 | 1897.6 |
| 40° | 1810.9 | 1665.2 | 1408.5 | 1593.5 | 1786.1 | 1931.9 | 1868.2 | 1653.5 | 1641.3 | 2045.1 |
| 42.5° | 1931.9 | 1763.6 | 1621.5 | 1943.6 | 2270.2 | 2510.2 | 2339.7 | 1995.0 | 1837.1 | 2255.8 |
| 45° | 2110.5 | 1922.8 | 1879.1 | 2313.1 | 2867.1 | 3245.2 | 2890.6 | 2359.1 | 2111.4 | 2574.8 |
| 47.5° | 2358.2 | 2157.0 | 2120.4 | 2702.4 | 3592.6 | 4081.6 | 3501.4 | 2696.6 | 2423.6 | 3009.7 |
| 50° | 2687.1 | 2472.3 | 2349.2 | 3128.3 | 4388.0 | 4934.3 | 4111.9 | 3022.3 | 2781.4 | 3541.1 |
| 52.5° | 3121.1 | 2912.2 | 2615.8 | 3533.9 | 5205.9 | 5769.0 | 4725.0 | 3308.3 | 3225.3 | 4157.9 |
| 55° | 3713.0 | 3574.1 | 2980.3 | 3921.0 | 6023.4 | 6608.6 | 5314.2 | 3578.1 | 3811.8 | 4890.5 |
| 57.5° | 4447.5 | 4546.8 | 3505.9 | 4369.9 | 6758.3 | 7473.9 | 5906.1 | 3955.3 | 4573.4 | 5709.9 |
| 60° | 4921.2 | 5840.2 | 4512.5 | 5033.6 | 7593.4 | 8452.4 | 6717.3 | 4672.6 | 5373.7 | 6003.6 |
| 62.5° | 4806.6 | 6251.7 | 5718.0 | 5880.8 | 8361.3 | 9163.9 | 7512.2 | 5393.1 | 5524.4 | 5570.9 |
| 65° | 4455.2 | 5919.6 | 5472.1 | 6045.5 | 8555.8 | 9204.1 | 7724.7 | 5300.2 | 4686.2 | 4548.1 |
| 67.5° | 3971.5 | 5525.8 | 4887.8 | 5608.8 | 8204.3 | 8642.8 | 7329.1 | 4688.4 | 3621.4 | 3413.0 |
| 70° | 3449.6 | 5090.0 | 4504.4 | 5118.8 | 7534.3 | 7664.7 | 6656.4 | 4123.6 | 2663.6 | 2305.0 |
| 72.5° | 2954.2 | 4636.1 | 4241.8 | 4616.7 | 6640.6 | 6370.8 | 5780.7 | 3624.1 | 1939.5 | 1662.5 |
| 75° | 2447.5 | 3966.6 | 3867.8 | 4020.3 | 5465.3 | 5018.2 | 4803.0 | 3000.6 | 1522.2 | 1202.8 |
| 77.5° | 1888.5 | 3099.5 | 3326.8 | 3219.5 | 3847.0 | 3727.5 | 3723.0 | 2254.9 | 1112.1 | 802.6 |
| 80° | 1292.6 | 2160.1 | 2599.1 | 2271.1 | 2496.7 | 2435.8 | 2803.9 | 1512.7 | 806.7 | 483.2 |
| 82.5° | 759.7 | 1315.1 | 1809.1 | 1099.5 | 1380.5 | 1417.1 | 1669.7 | 735.8 | 474.6 | 111.4 |
| 85° | 308.1 | 519.3 | 707.4 | 430.4 | 665.9 | 561.7 | 633.9 | 206.6 | 132.2 | 2.7 |
| 87.5° | 77.6 | 166.0 | 116.4 | 48.3 | 77.1 | 70.8 | 55.9 | 25.3 | 5.4 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P946498
 CATALOG NUMBER: GALN-SB2A-850-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|
| 906.8 | 0° | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 |
| 1024.6 | 2.5° | 1007.0 | 996.6 | 970.9 | 945.2 | 924.4 | 896.5 | 878.0 | 855.8 | 834.6 | 815.7 |
| 1141.9 | 5° | 1113.5 | 1079.2 | 1032.2 | 989.4 | 945.6 | 903.2 | 861.3 | 817.0 | 776.4 | 751.6 |
| 1241.1 | 7.5° | 1200.1 | 1139.6 | 1077.4 | 1022.8 | 970.0 | 920.4 | 864.9 | 811.2 | 747.6 | 713.7 |
| 1316.9 | 10° | 1264.6 | 1185.2 | 1103.5 | 1040.8 | 987.6 | 939.3 | 892.4 | 838.3 | 761.6 | 719.1 |
| 1362.9 | 12.5° | 1307.0 | 1212.7 | 1117.1 | 1045.3 | 985.8 | 948.3 | 927.6 | 906.4 | 830.1 | 780.5 |
| 1396.8 | 15° | 1336.3 | 1232.1 | 1126.5 | 1035.0 | 961.9 | 934.3 | 955.1 | 979.5 | 930.7 | 873.4 |
| 1432.0 | 17.5° | 1368.4 | 1257.4 | 1130.6 | 1007.0 | 915.4 | 903.7 | 957.4 | 1013.8 | 1011.5 | 954.6 |
| 1465.4 | 20° | 1402.2 | 1279.5 | 1127.9 | 961.9 | 859.0 | 869.4 | 938.0 | 1003.4 | 1030.9 | 1000.2 |
| 1503.7 | 22.5° | 1436.9 | 1300.7 | 1117.5 | 903.2 | 806.2 | 838.7 | 907.3 | 964.6 | 997.1 | 987.6 |
| 1550.6 | 25° | 1480.7 | 1330.5 | 1102.2 | 840.1 | 762.5 | 807.6 | 871.6 | 918.1 | 940.7 | 940.2 |
| 1601.2 | 27.5° | 1533.0 | 1370.2 | 1094.1 | 789.1 | 731.3 | 772.4 | 829.2 | 870.7 | 886.5 | 886.5 |
| 1663.9 | 30° | 1593.9 | 1417.1 | 1085.0 | 755.7 | 713.3 | 735.8 | 780.1 | 820.7 | 836.4 | 836.4 |
| 1732.4 | 32.5° | 1661.6 | 1462.2 | 1063.4 | 735.4 | 699.7 | 700.2 | 728.2 | 765.2 | 784.1 | 786.8 |
| 1818.2 | 35° | 1742.8 | 1510.5 | 1016.0 | 719.1 | 684.0 | 665.5 | 679.0 | 709.7 | 732.2 | 738.1 |
| 1940.4 | 37.5° | 1849.3 | 1569.6 | 948.3 | 695.2 | 659.6 | 628.9 | 632.1 | 655.5 | 680.3 | 689.4 |
| 2109.2 | 40° | 1992.3 | 1639.1 | 878.0 | 660.9 | 625.3 | 588.8 | 587.4 | 604.6 | 628.9 | 638.8 |
| 2337.4 | 42.5° | 2181.3 | 1722.5 | 810.7 | 628.0 | 583.8 | 546.4 | 544.1 | 557.6 | 578.8 | 589.2 |
| 2638.8 | 45° | 2423.2 | 1824.9 | 753.0 | 602.3 | 543.2 | 506.2 | 505.3 | 516.6 | 535.1 | 545.9 |
| 3024.6 | 47.5° | 2759.3 | 1927.3 | 713.7 | 588.8 | 511.2 | 473.3 | 475.1 | 485.0 | 501.7 | 509.4 |
| 3524.0 | 50° | 3197.4 | 1958.5 | 693.9 | 588.8 | 494.0 | 443.9 | 453.0 | 461.1 | 473.7 | 478.2 |
| 4122.7 | 52.5° | 3617.8 | 1855.6 | 675.8 | 592.4 | 496.3 | 419.1 | 438.5 | 444.4 | 455.2 | 457.0 |
| 4677.6 | 55° | 3824.0 | 1595.3 | 651.0 | 593.3 | 510.3 | 397.9 | 426.8 | 437.6 | 441.7 | 441.2 |
| 4999.7 | 57.5° | 3753.2 | 1289.9 | 609.1 | 589.7 | 519.7 | 384.4 | 412.4 | 433.1 | 435.8 | 431.8 |
| 4938.4 | 60° | 3504.6 | 949.7 | 577.0 | 563.0 | 516.1 | 380.3 | 390.3 | 423.2 | 427.2 | 421.8 |
| 4465.6 | 62.5° | 3087.7 | 659.1 | 552.2 | 504.4 | 500.3 | 379.0 | 355.5 | 401.5 | 411.5 | 403.8 |
| 3589.4 | 65° | 2430.8 | 465.6 | 475.5 | 442.1 | 466.0 | 371.8 | 319.4 | 375.4 | 388.9 | 377.2 |
| 2604.1 | 67.5° | 1644.9 | 336.1 | 385.3 | 400.6 | 410.6 | 355.5 | 293.3 | 345.6 | 363.6 | 348.3 |
| 1671.1 | 70° | 888.3 | 236.0 | 254.5 | 337.5 | 348.7 | 327.5 | 269.8 | 315.4 | 336.1 | 319.4 |
| 1187.9 | 72.5° | 524.7 | 169.6 | 178.2 | 271.1 | 290.5 | 288.3 | 243.6 | 280.2 | 305.4 | 285.6 |
| 819.8 | 75° | 289.2 | 114.6 | 127.2 | 196.7 | 236.0 | 222.4 | 209.3 | 237.3 | 263.0 | 243.6 |
| 513.9 | 77.5° | 129.5 | 68.6 | 88.4 | 129.0 | 185.4 | 152.5 | 162.0 | 185.0 | 208.9 | 188.6 |
| 286.0 | 80° | 50.1 | 38.3 | 58.7 | 70.4 | 134.9 | 84.4 | 104.2 | 136.2 | 153.4 | 137.2 |
| 62.3 | 82.5° | 6.3 | 17.1 | 25.3 | 27.5 | 78.5 | 44.7 | 60.5 | 85.7 | 84.4 | 73.1 |
| 0.0 | 85° | 0.0 | 3.2 | 3.6 | 1.8 | 33.8 | 16.2 | 19.9 | 28.0 | 26.2 | 19.9 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 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 |

REPORT NUMBER: P946498
 CATALOG NUMBER: GALN-SB2A-850-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| 185° | | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 906.8 | 0° | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 |
| 812.1 | 2.5° | 790.0 | 773.7 | 765.6 | 758.8 | 765.2 | 768.8 | 768.8 | 784.1 | 793.1 | 796.7 |
| 735.8 | 5° | 696.1 | 665.9 | 645.6 | 633.4 | 637.5 | 642.0 | 647.0 | 666.4 | 679.4 | 688.0 |
| 683.1 | 7.5° | 622.1 | 576.1 | 547.7 | 532.8 | 535.1 | 538.2 | 542.3 | 561.2 | 574.3 | 585.6 |
| 673.1 | 10° | 585.6 | 520.6 | 483.2 | 465.1 | 462.0 | 460.2 | 458.8 | 470.1 | 480.0 | 489.1 |
| 713.7 | 12.5° | 587.4 | 496.7 | 451.2 | 429.1 | 419.6 | 408.7 | 400.2 | 402.0 | 408.3 | 419.6 |
| 786.4 | 15° | 610.4 | 489.1 | 434.5 | 406.9 | 391.2 | 378.5 | 368.1 | 365.9 | 368.1 | 369.9 |
| 869.4 | 17.5° | 641.5 | 488.2 | 420.0 | 385.7 | 369.5 | 359.1 | 349.6 | 346.5 | 346.9 | 349.2 |
| 924.4 | 20° | 666.4 | 485.4 | 403.8 | 365.4 | 351.0 | 342.0 | 332.5 | 329.3 | 330.2 | 330.7 |
| 929.8 | 22.5° | 679.4 | 481.4 | 385.7 | 345.1 | 333.0 | 323.9 | 315.4 | 314.9 | 314.9 | 317.6 |
| 900.5 | 25° | 679.4 | 472.8 | 369.5 | 325.7 | 314.9 | 306.8 | 296.4 | 298.2 | 299.1 | 302.7 |
| 854.9 | 27.5° | 663.2 | 456.6 | 356.4 | 309.0 | 297.8 | 289.6 | 280.2 | 282.4 | 283.8 | 287.8 |
| 809.8 | 30° | 642.4 | 437.2 | 341.5 | 293.3 | 280.2 | 274.3 | 266.2 | 267.1 | 268.9 | 273.4 |
| 767.9 | 32.5° | 620.3 | 414.2 | 329.3 | 277.5 | 264.4 | 259.9 | 250.8 | 252.2 | 254.0 | 259.0 |
| 726.4 | 35° | 596.0 | 387.1 | 314.9 | 263.0 | 249.9 | 246.3 | 236.0 | 236.9 | 239.6 | 245.0 |
| 681.7 | 37.5° | 570.3 | 365.0 | 300.5 | 249.0 | 235.5 | 231.9 | 221.1 | 222.0 | 225.1 | 231.4 |
| 634.8 | 40° | 545.0 | 343.3 | 285.1 | 234.2 | 220.6 | 217.5 | 205.7 | 206.6 | 210.2 | 217.0 |
| 587.4 | 42.5° | 517.5 | 326.6 | 265.3 | 218.8 | 204.4 | 201.2 | 190.4 | 191.7 | 195.8 | 202.6 |
| 543.6 | 45° | 484.5 | 315.8 | 243.2 | 204.4 | 188.1 | 185.0 | 175.0 | 177.8 | 182.3 | 189.0 |
| 506.2 | 47.5° | 450.7 | 311.3 | 224.7 | 189.0 | 171.4 | 168.7 | 160.6 | 165.1 | 170.1 | 175.5 |
| 474.2 | 50° | 418.2 | 305.4 | 205.7 | 174.6 | 157.0 | 154.3 | 148.9 | 154.7 | 159.7 | 164.7 |
| 451.2 | 52.5° | 381.2 | 292.8 | 188.6 | 162.0 | 144.8 | 143.9 | 141.2 | 146.6 | 151.1 | 155.6 |
| 431.3 | 55° | 342.9 | 272.5 | 173.7 | 150.7 | 134.4 | 135.3 | 134.0 | 138.5 | 142.1 | 146.2 |
| 413.3 | 57.5° | 309.5 | 246.8 | 162.0 | 138.5 | 125.4 | 128.1 | 126.3 | 128.6 | 130.8 | 135.8 |
| 391.6 | 60° | 275.7 | 216.1 | 148.9 | 124.1 | 116.4 | 119.6 | 114.6 | 114.1 | 115.0 | 116.4 |
| 359.6 | 62.5° | 230.1 | 184.1 | 132.6 | 111.4 | 106.5 | 107.8 | 98.4 | 91.1 | 91.1 | 92.5 |
| 314.9 | 65° | 185.0 | 154.3 | 114.6 | 97.0 | 92.9 | 92.0 | 78.5 | 68.6 | 67.7 | 71.7 |
| 263.0 | 67.5° | 152.0 | 128.1 | 96.5 | 80.8 | 78.1 | 79.0 | 69.0 | 59.1 | 58.2 | 62.7 |
| 214.3 | 70° | 125.9 | 103.3 | 77.1 | 62.3 | 65.0 | 69.0 | 59.1 | 49.6 | 48.3 | 52.3 |
| 174.1 | 72.5° | 100.2 | 80.8 | 59.1 | 46.0 | 53.7 | 58.7 | 48.3 | 39.3 | 38.3 | 42.0 |
| 134.4 | 75° | 73.5 | 57.7 | 40.2 | 33.4 | 41.5 | 46.0 | 35.2 | 28.0 | 26.6 | 29.8 |
| 89.8 | 77.5° | 45.6 | 32.5 | 25.3 | 19.9 | 28.4 | 30.7 | 18.5 | 16.2 | 15.8 | 18.0 |
| 54.6 | 80° | 21.2 | 14.0 | 12.2 | 6.8 | 10.4 | 12.2 | 7.7 | 8.6 | 9.0 | 10.8 |
| 27.5 | 82.5° | 5.9 | 2.3 | 0.5 | 0.0 | 0.0 | 3.6 | 1.8 | 3.6 | 4.5 | 6.8 |
| 2.3 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 2.3 | 4.1 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P946498
 CATALOG NUMBER: GALN-SB2A-850-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| 285° | | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 906.8 | 0° | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 | 906.8 |
| 822.0 | 2.5° | 841.0 | 859.0 | 887.9 | 917.7 | 947.0 | 976.8 | 1005.6 | 1016.0 |
| 727.3 | 5° | 762.9 | 804.4 | 861.7 | 923.1 | 986.2 | 1050.3 | 1108.9 | 1135.6 |
| 629.4 | 7.5° | 675.8 | 735.4 | 821.6 | 917.7 | 1018.3 | 1118.9 | 1211.4 | 1254.2 |
| 532.4 | 10° | 582.9 | 658.2 | 756.6 | 886.5 | 1030.9 | 1169.9 | 1297.1 | 1352.6 |
| 447.1 | 12.5° | 494.5 | 573.4 | 682.2 | 837.8 | 1021.0 | 1199.2 | 1352.1 | 1417.5 |
| 387.1 | 15° | 420.5 | 490.4 | 607.7 | 780.1 | 988.9 | 1201.0 | 1378.3 | 1450.0 |
| 353.7 | 17.5° | 365.0 | 410.6 | 531.9 | 716.0 | 947.0 | 1184.3 | 1387.3 | 1464.0 |
| 335.7 | 20° | 337.5 | 350.1 | 433.6 | 633.9 | 907.7 | 1168.5 | 1396.3 | 1477.1 |
| 321.2 | 22.5° | 321.2 | 324.4 | 354.6 | 527.9 | 860.8 | 1163.5 | 1412.1 | 1495.1 |
| 308.1 | 25° | 308.1 | 309.0 | 317.2 | 418.2 | 789.1 | 1160.4 | 1436.5 | 1520.0 |
| 294.6 | 27.5° | 295.1 | 295.1 | 299.6 | 337.0 | 691.6 | 1146.8 | 1468.1 | 1549.7 |
| 281.1 | 30° | 282.0 | 282.0 | 285.1 | 298.2 | 577.5 | 1120.2 | 1506.0 | 1588.5 |
| 267.5 | 32.5° | 268.4 | 268.4 | 271.1 | 280.6 | 461.1 | 1086.8 | 1540.7 | 1627.8 |
| 253.6 | 35° | 254.9 | 254.0 | 257.6 | 267.5 | 366.8 | 1044.4 | 1575.4 | 1670.2 |
| 239.6 | 37.5° | 240.5 | 240.0 | 243.6 | 254.9 | 316.7 | 995.3 | 1601.6 | 1727.9 |
| 225.6 | 40° | 225.1 | 225.1 | 229.2 | 241.4 | 302.3 | 933.4 | 1643.1 | 1810.9 |
| 211.1 | 42.5° | 211.1 | 210.2 | 214.8 | 229.6 | 291.4 | 874.3 | 1717.6 | 1931.9 |
| 198.1 | 45° | 197.6 | 195.8 | 199.9 | 218.4 | 272.5 | 853.6 | 1856.5 | 2110.5 |
| 185.4 | 47.5° | 185.0 | 180.5 | 184.1 | 204.8 | 255.4 | 931.2 | 2083.9 | 2358.2 |
| 174.1 | 50° | 174.6 | 166.0 | 169.2 | 191.3 | 242.3 | 1099.5 | 2379.0 | 2687.1 |
| 163.8 | 52.5° | 163.8 | 152.5 | 154.3 | 174.6 | 230.5 | 1259.6 | 2698.8 | 3121.1 |
| 153.4 | 55° | 152.5 | 139.9 | 140.8 | 157.9 | 213.8 | 1283.5 | 3011.0 | 3713.0 |
| 141.7 | 57.5° | 139.9 | 128.1 | 128.1 | 142.6 | 201.7 | 1112.6 | 3251.0 | 4447.5 |
| 127.2 | 60° | 125.9 | 118.2 | 115.9 | 130.4 | 212.5 | 785.0 | 3279.0 | 4921.2 |
| 108.7 | 62.5° | 110.5 | 106.5 | 103.3 | 118.7 | 220.6 | 465.1 | 3053.9 | 4806.6 |
| 85.7 | 65° | 92.9 | 92.0 | 89.8 | 130.4 | 185.9 | 274.8 | 2621.7 | 4455.2 |
| 73.1 | 67.5° | 78.1 | 76.7 | 76.7 | 136.7 | 141.2 | 172.8 | 2048.3 | 3971.5 |
| 62.3 | 70° | 67.2 | 62.3 | 62.3 | 103.3 | 85.7 | 119.6 | 1430.2 | 3449.6 |
| 51.4 | 72.5° | 56.4 | 51.0 | 47.4 | 82.6 | 64.1 | 87.5 | 893.7 | 2954.2 |
| 39.3 | 75° | 45.1 | 41.1 | 36.5 | 54.6 | 47.8 | 66.3 | 519.3 | 2447.5 |
| 24.8 | 77.5° | 32.5 | 30.7 | 25.7 | 40.2 | 34.7 | 47.8 | 309.0 | 1888.5 |
| 15.3 | 80° | 16.7 | 17.1 | 16.2 | 23.0 | 23.5 | 32.5 | 176.0 | 1292.6 |
| 9.9 | 82.5° | 9.9 | 7.7 | 8.6 | 11.3 | 13.5 | 18.5 | 66.3 | 759.7 |
| 7.2 | 85° | 6.3 | 4.1 | 4.1 | 5.4 | 6.8 | 7.2 | 20.3 | 308.1 |
| 3.6 | 87.5° | 3.2 | 1.4 | 1.8 | 2.7 | 2.3 | 1.8 | 0.9 | 77.6 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)