

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: P945892

Luminaire Tested: **GALN-SB1C-950-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945892
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SB1C-950-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 5000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5193 lumens
Efficiency: N/A
Efficacy: 95.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

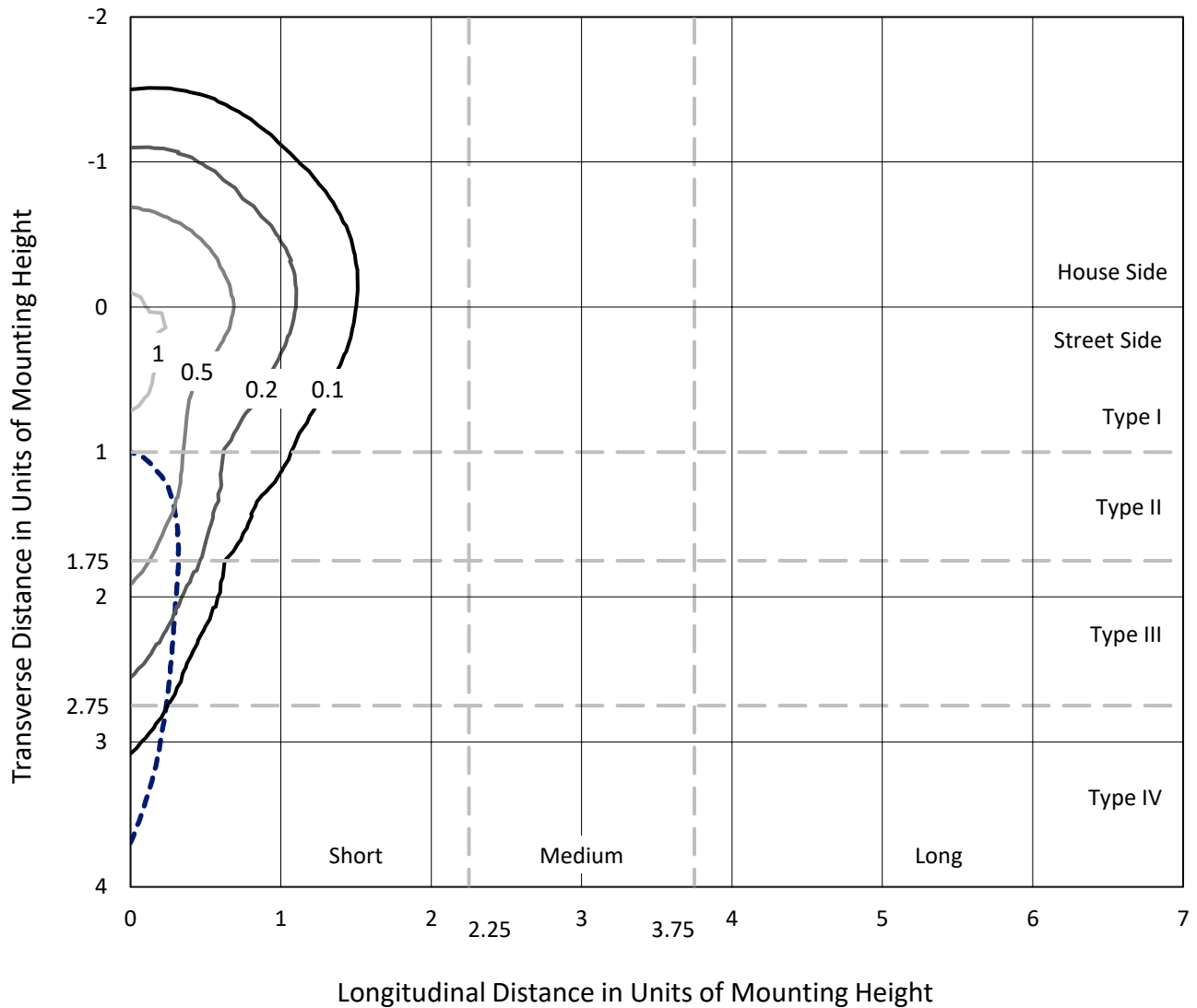
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P945892
 CATALOG NUMBER: GALN-SB1C-950-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

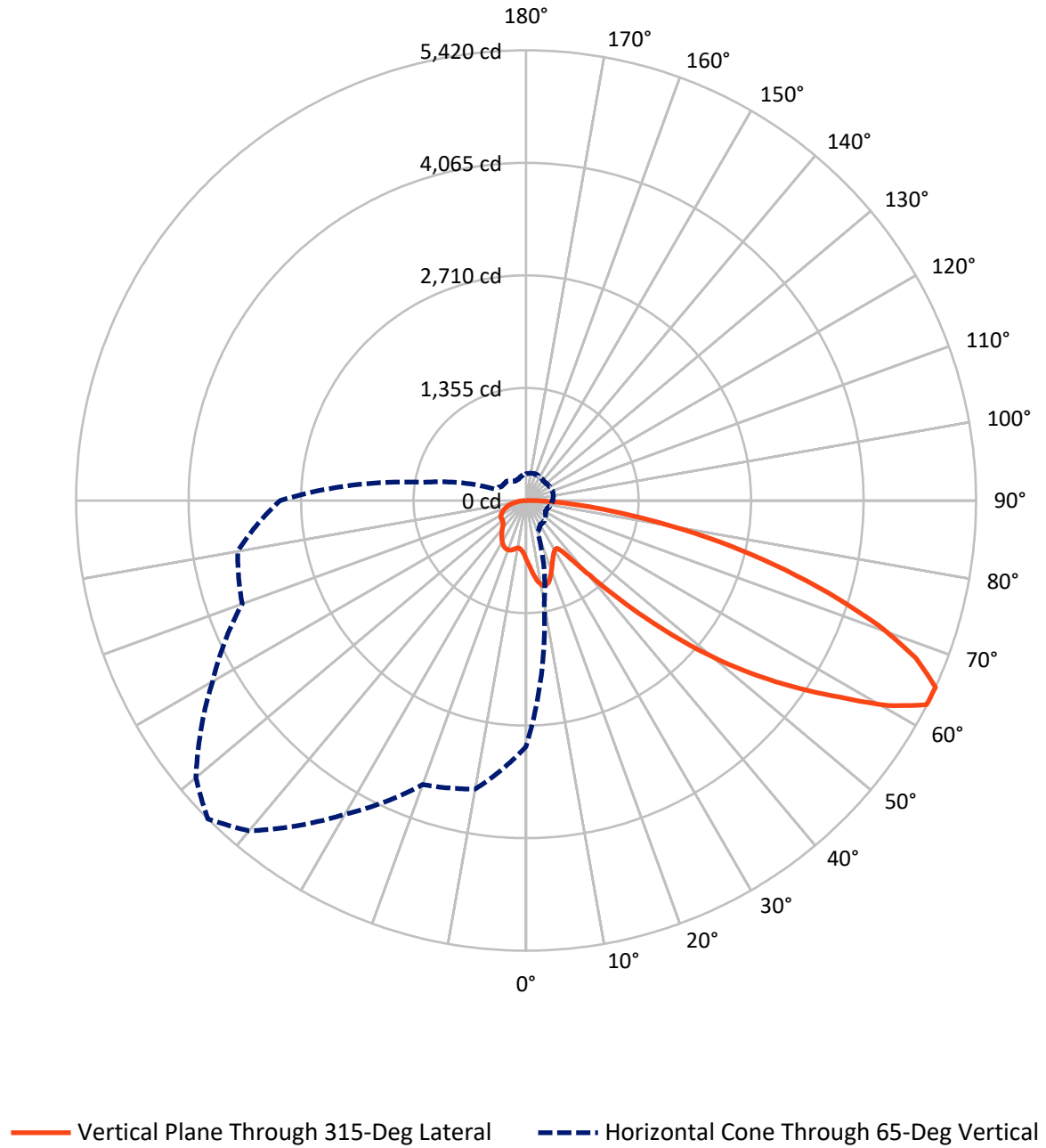
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P945892
CATALOG NUMBER: GALN-SB1C-950-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P945892

CATALOG NUMBER: GALN-SB1C-950-U-SLR

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1319.8 | 0.0 | 1319.8 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 3873.2 | 0.0 | 3873.2 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 5193.0 | 0.0 | 5193.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 70.8 | 1.4 |
| 10°-20° | 222.4 | 4.3 |
| 20°-30° | 343.5 | 6.6 |
| 30°-40° | 435.3 | 8.4 |
| 40°-50° | 656.5 | 12.6 |
| 50°-60° | 1060.7 | 20.4 |
| 60°-70° | 1322.3 | 25.5 |
| 70°-80° | 867.1 | 16.7 |
| 80°-90° | 214.4 | 4.1 |
| 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° | 5193.0 | 100.0 |
| 0°-180° | 5193.0 | 100.0 |

Coefficient of Utilization



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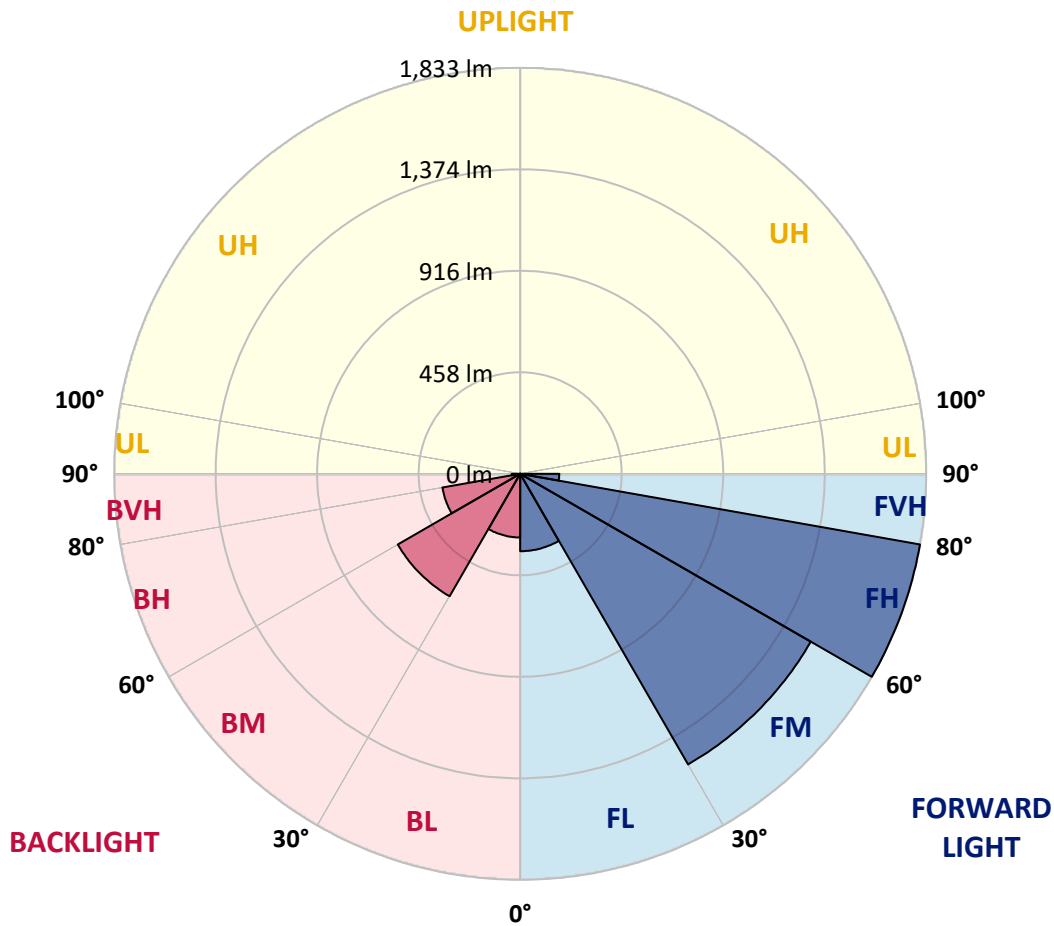
CATALOG NUMBER: GALN-SB1C-950-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 349.3 | 6.7 | | | |
| FM (30°-60°) | 1514.7 | 29.2 | | | |
| FH (60°-80°) | 1832.6 | 35.3 | | | G2/5000 |
| FVH (80°-90°) | 176.6 | 3.4 | | | G2/225 |
| BL (0°-30°) | 287.4 | 5.5 | B1/500 | | |
| BM (30°-60°) | 637.8 | 12.3 | B1/1000 | | |
| BH (60°-80°) | 356.8 | 6.9 | B1/500 | | G1/500 |
| BVH (80°-90°) | 37.8 | 0.7 | | | 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



REPORT NUMBER: P945892

CATALOG NUMBER: GALN-SB1C-950-U-SLR

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0° | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 |
| 2.5° | 767.9 | 762.0 | 756.1 | 749.9 | 743.6 | 737.3 | 731.0 | 725.0 | 719.0 | 713.1 |
| 5° | 825.7 | 812.7 | 799.7 | 786.7 | 773.8 | 760.7 | 747.6 | 735.5 | 723.3 | 711.8 |
| 7.5° | 883.8 | 862.4 | 840.9 | 821.1 | 801.2 | 781.9 | 762.6 | 745.6 | 728.6 | 712.8 |
| 10° | 928.4 | 901.2 | 874.1 | 847.8 | 821.6 | 798.2 | 774.7 | 754.6 | 734.4 | 715.0 |
| 12.5° | 955.6 | 925.8 | 896.0 | 866.3 | 836.6 | 808.9 | 781.2 | 758.4 | 735.7 | 715.3 |
| 15° | 972.2 | 941.1 | 910.0 | 877.8 | 845.6 | 813.7 | 781.8 | 755.5 | 729.1 | 706.5 |
| 17.5° | 981.5 | 950.0 | 918.4 | 883.3 | 848.1 | 811.1 | 774.1 | 742.4 | 710.7 | 684.2 |
| 20° | 991.8 | 959.0 | 926.2 | 887.6 | 849.0 | 804.1 | 759.3 | 720.0 | 680.7 | 649.8 |
| 22.5° | 1003.7 | 970.2 | 936.7 | 893.4 | 850.0 | 795.5 | 741.0 | 693.7 | 646.3 | 611.2 |
| 25° | 1019.1 | 986.2 | 953.4 | 903.9 | 854.4 | 787.0 | 719.7 | 664.3 | 608.9 | 572.8 |
| 27.5° | 1039.9 | 1008.6 | 977.3 | 920.4 | 863.4 | 781.4 | 699.3 | 637.4 | 575.5 | 542.7 |
| 30° | 1068.0 | 1037.7 | 1007.5 | 941.7 | 875.8 | 778.7 | 681.5 | 614.9 | 548.3 | 520.8 |
| 32.5° | 1101.1 | 1071.2 | 1041.3 | 963.9 | 886.5 | 775.4 | 664.3 | 595.5 | 526.8 | 504.6 |
| 35° | 1141.4 | 1112.7 | 1084.1 | 989.2 | 894.3 | 769.2 | 644.2 | 576.5 | 508.8 | 490.3 |
| 37.5° | 1209.2 | 1172.7 | 1136.1 | 1017.6 | 899.0 | 758.6 | 618.2 | 554.1 | 489.9 | 473.8 |
| 40° | 1311.7 | 1258.4 | 1205.2 | 1053.6 | 901.9 | 744.0 | 586.1 | 527.3 | 468.6 | 453.9 |
| 42.5° | 1447.6 | 1370.7 | 1293.8 | 1100.7 | 907.5 | 728.9 | 550.4 | 497.8 | 445.2 | 431.7 |
| 45° | 1615.5 | 1511.7 | 1408.0 | 1162.6 | 917.3 | 714.9 | 512.6 | 466.5 | 420.3 | 406.6 |
| 47.5° | 1825.3 | 1679.4 | 1533.4 | 1228.7 | 924.0 | 703.4 | 482.8 | 441.7 | 400.6 | 382.9 |
| 50° | 2100.5 | 1880.4 | 1660.3 | 1290.0 | 919.6 | 690.8 | 461.9 | 425.2 | 388.5 | 365.3 |
| 52.5° | 2416.3 | 2091.6 | 1766.8 | 1329.7 | 892.6 | 669.5 | 446.4 | 414.4 | 382.4 | 355.7 |
| 55° | 2752.5 | 2278.8 | 1805.1 | 1321.0 | 836.8 | 634.2 | 431.5 | 406.5 | 381.5 | 356.6 |
| 57.5° | 3058.3 | 2411.4 | 1764.6 | 1259.3 | 754.0 | 584.4 | 414.9 | 397.2 | 379.5 | 357.6 |
| 60° | 3243.1 | 2444.6 | 1646.1 | 1144.4 | 642.8 | 519.8 | 396.8 | 382.9 | 369.0 | 354.6 |
| 62.5° | 3149.3 | 2305.0 | 1460.7 | 989.1 | 517.6 | 442.5 | 367.4 | 358.2 | 349.0 | 347.2 |
| 65° | 2961.4 | 2107.4 | 1253.5 | 830.7 | 408.0 | 372.9 | 337.9 | 333.5 | 329.1 | 329.4 |
| 67.5° | 2709.7 | 1872.4 | 1035.0 | 675.5 | 316.0 | 306.0 | 296.1 | 298.5 | 300.9 | 300.3 |
| 70° | 2407.4 | 1615.9 | 824.4 | 531.9 | 239.4 | 242.2 | 245.0 | 256.3 | 267.6 | 267.6 |
| 72.5° | 2047.0 | 1337.8 | 628.6 | 406.6 | 184.6 | 193.2 | 201.8 | 217.8 | 233.8 | 236.5 |
| 75° | 1591.2 | 1019.0 | 446.9 | 295.1 | 143.4 | 151.1 | 158.9 | 176.8 | 194.8 | 207.2 |
| 77.5° | 1136.9 | 713.2 | 289.6 | 200.0 | 110.4 | 115.7 | 121.0 | 138.4 | 155.8 | 176.2 |
| 80° | 744.1 | 459.5 | 175.0 | 128.8 | 82.8 | 84.9 | 87.1 | 101.9 | 116.6 | 141.0 |
| 82.5° | 432.5 | 266.0 | 99.4 | 79.2 | 59.1 | 59.5 | 60.0 | 70.8 | 81.7 | 102.5 |
| 85° | 190.3 | 119.6 | 49.0 | 42.4 | 35.8 | 35.6 | 35.3 | 43.3 | 51.2 | 66.7 |
| 87.5° | 58.9 | 39.2 | 19.5 | 17.6 | 15.7 | 15.5 | 15.3 | 18.5 | 21.8 | 28.2 |
| 90° | 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-SB1C-950-U-SLR

CANDELA DISTRIBUTION (continued):

| 50° | | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 714.1 | 0° | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 |
| 706.6 | 2.5° | 701.4 | 696.1 | 691.4 | 686.7 | 682.5 | 678.4 | 674.2 | 670.1 | 666.9 | 663.7 |
| 700.4 | 5° | 690.5 | 680.5 | 672.2 | 663.9 | 656.5 | 649.2 | 642.5 | 635.9 | 630.7 | 625.6 |
| 698.1 | 7.5° | 684.9 | 671.7 | 660.8 | 649.8 | 640.6 | 631.3 | 623.2 | 615.0 | 608.9 | 602.8 |
| 699.2 | 10° | 685.3 | 671.4 | 660.4 | 649.5 | 639.5 | 629.5 | 620.4 | 611.2 | 603.9 | 596.6 |
| 700.6 | 12.5° | 689.2 | 677.9 | 670.6 | 663.3 | 655.5 | 647.7 | 638.2 | 628.7 | 619.4 | 610.1 |
| 694.8 | 15° | 689.3 | 683.9 | 684.9 | 685.9 | 683.8 | 681.8 | 673.6 | 665.3 | 652.0 | 638.8 |
| 677.0 | 17.5° | 679.0 | 680.9 | 692.9 | 704.8 | 711.2 | 717.5 | 710.8 | 704.2 | 686.7 | 669.1 |
| 647.9 | 20° | 657.2 | 666.5 | 687.3 | 708.1 | 721.3 | 734.6 | 731.6 | 728.5 | 708.4 | 688.3 |
| 614.9 | 22.5° | 628.7 | 642.5 | 666.2 | 689.9 | 707.2 | 724.5 | 726.4 | 728.2 | 709.0 | 689.8 |
| 583.0 | 25° | 598.9 | 614.8 | 636.0 | 657.4 | 674.4 | 691.4 | 697.8 | 704.1 | 688.4 | 672.7 |
| 555.0 | 27.5° | 570.4 | 585.7 | 603.2 | 620.7 | 634.3 | 648.0 | 655.1 | 662.2 | 650.9 | 639.8 |
| 530.4 | 30° | 542.6 | 554.8 | 569.3 | 583.9 | 595.2 | 606.5 | 612.3 | 618.0 | 609.5 | 601.0 |
| 508.9 | 32.5° | 516.1 | 523.3 | 534.9 | 546.5 | 557.4 | 568.3 | 574.6 | 581.0 | 573.2 | 565.3 |
| 488.6 | 35° | 490.5 | 492.5 | 501.4 | 510.2 | 521.0 | 531.7 | 539.4 | 547.1 | 541.5 | 535.9 |
| 467.2 | 37.5° | 465.1 | 462.9 | 469.2 | 475.6 | 486.3 | 497.0 | 506.5 | 516.0 | 513.4 | 510.8 |
| 443.9 | 40° | 438.9 | 434.0 | 438.6 | 443.1 | 453.5 | 463.9 | 474.8 | 485.7 | 486.3 | 486.9 |
| 419.1 | 42.5° | 412.5 | 406.0 | 409.7 | 413.4 | 423.2 | 433.1 | 444.9 | 456.6 | 459.8 | 462.9 |
| 394.4 | 45° | 388.0 | 381.6 | 384.8 | 387.9 | 397.3 | 406.6 | 418.8 | 431.0 | 435.5 | 440.1 |
| 372.4 | 47.5° | 367.1 | 361.7 | 364.7 | 367.6 | 376.7 | 385.8 | 397.9 | 409.9 | 415.1 | 420.3 |
| 353.1 | 50° | 348.3 | 343.6 | 348.2 | 352.8 | 361.4 | 370.0 | 380.8 | 391.6 | 398.3 | 404.9 |
| 338.6 | 52.5° | 333.9 | 329.2 | 336.2 | 343.1 | 351.0 | 358.8 | 368.9 | 379.0 | 386.9 | 394.8 |
| 331.0 | 55° | 323.5 | 316.1 | 325.9 | 335.7 | 344.2 | 352.7 | 361.5 | 370.3 | 378.7 | 387.1 |
| 326.4 | 57.5° | 315.5 | 304.6 | 315.2 | 325.8 | 335.8 | 345.8 | 354.5 | 363.2 | 371.7 | 380.1 |
| 322.0 | 60° | 308.0 | 293.9 | 303.2 | 312.4 | 323.9 | 335.3 | 344.2 | 353.1 | 361.6 | 370.1 |
| 317.0 | 62.5° | 299.4 | 281.8 | 287.7 | 293.6 | 307.0 | 320.3 | 329.8 | 339.2 | 347.0 | 354.8 |
| 306.3 | 65° | 287.7 | 268.9 | 271.2 | 273.5 | 287.8 | 302.1 | 311.1 | 320.2 | 327.0 | 333.9 |
| 287.4 | 67.5° | 271.8 | 256.3 | 255.5 | 254.8 | 268.0 | 281.3 | 289.9 | 298.4 | 304.3 | 310.2 |
| 263.3 | 70° | 252.3 | 241.2 | 238.7 | 236.3 | 247.9 | 259.5 | 266.9 | 274.3 | 279.6 | 285.0 |
| 236.5 | 72.5° | 228.9 | 221.3 | 217.7 | 214.1 | 223.3 | 232.4 | 239.1 | 245.8 | 251.0 | 256.3 |
| 206.1 | 75° | 200.3 | 194.4 | 191.0 | 187.5 | 194.3 | 201.1 | 207.1 | 213.2 | 218.0 | 222.7 |
| 175.6 | 77.5° | 171.0 | 166.3 | 162.8 | 159.3 | 164.8 | 170.3 | 175.5 | 180.7 | 185.7 | 190.7 |
| 140.9 | 80° | 137.0 | 133.0 | 130.1 | 127.1 | 131.7 | 136.3 | 140.7 | 145.1 | 148.9 | 152.7 |
| 103.6 | 82.5° | 101.7 | 99.8 | 97.7 | 95.6 | 95.2 | 94.9 | 93.3 | 91.8 | 99.9 | 108.0 |
| 68.2 | 85° | 66.2 | 64.1 | 61.8 | 59.5 | 57.5 | 55.5 | 51.2 | 47.0 | 54.6 | 62.2 |
| 30.1 | 87.5° | 29.3 | 28.5 | 28.1 | 27.6 | 27.5 | 27.5 | 24.2 | 21.0 | 24.1 | 27.3 |
| 0.0 | 90° | 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-SB1C-950-U-SLR

CANDELA DISTRIBUTION (continued):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 714.1 | 0° | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 |
| 661.1 | 2.5° | 658.5 | 656.4 | 654.4 | 652.5 | 650.6 | 648.3 | 650.6 | 652.5 | 654.4 | 656.4 |
| 622.0 | 5° | 618.4 | 615.8 | 613.3 | 611.4 | 609.4 | 607.5 | 609.4 | 611.4 | 613.3 | 615.8 |
| 598.6 | 7.5° | 594.3 | 591.4 | 588.4 | 586.7 | 585.0 | 583.7 | 585.0 | 586.7 | 588.4 | 591.4 |
| 591.8 | 10° | 587.0 | 584.2 | 581.5 | 580.0 | 578.5 | 577.9 | 578.5 | 580.0 | 581.5 | 584.2 |
| 603.9 | 12.5° | 597.8 | 594.7 | 591.6 | 590.3 | 589.1 | 588.9 | 589.1 | 590.3 | 591.6 | 594.7 |
| 629.4 | 15° | 620.0 | 615.7 | 611.5 | 609.8 | 608.2 | 608.0 | 608.2 | 609.8 | 611.5 | 615.7 |
| 655.3 | 17.5° | 641.5 | 635.1 | 628.7 | 626.6 | 624.5 | 624.2 | 624.5 | 626.6 | 628.7 | 635.1 |
| 671.4 | 20° | 654.5 | 646.3 | 638.2 | 635.6 | 633.0 | 632.2 | 633.0 | 635.6 | 638.2 | 646.3 |
| 672.4 | 22.5° | 654.9 | 646.4 | 637.8 | 634.9 | 632.0 | 630.8 | 632.0 | 634.9 | 637.8 | 646.4 |
| 657.1 | 25° | 641.7 | 634.2 | 626.8 | 624.1 | 621.4 | 619.8 | 621.4 | 624.1 | 626.8 | 634.2 |
| 627.7 | 27.5° | 615.7 | 610.7 | 605.7 | 604.5 | 603.2 | 602.8 | 603.2 | 604.5 | 605.7 | 610.7 |
| 592.4 | 30° | 583.7 | 581.2 | 578.6 | 578.6 | 578.6 | 579.0 | 578.6 | 578.6 | 578.6 | 581.2 |
| 558.5 | 32.5° | 551.6 | 549.9 | 548.2 | 548.5 | 548.7 | 549.1 | 548.7 | 548.5 | 548.2 | 549.9 |
| 529.6 | 35° | 523.2 | 520.7 | 518.2 | 517.6 | 517.1 | 516.8 | 517.1 | 517.6 | 518.2 | 520.7 |
| 505.0 | 37.5° | 499.1 | 494.5 | 489.9 | 487.4 | 485.0 | 483.6 | 485.0 | 487.4 | 489.9 | 494.5 |
| 482.0 | 40° | 477.0 | 470.3 | 463.6 | 459.0 | 454.5 | 451.9 | 454.5 | 459.0 | 463.6 | 470.3 |
| 458.8 | 42.5° | 454.6 | 446.2 | 437.9 | 431.3 | 424.7 | 420.3 | 424.7 | 431.3 | 437.9 | 446.2 |
| 436.3 | 45° | 432.5 | 423.0 | 413.4 | 405.7 | 397.9 | 392.9 | 397.9 | 405.7 | 413.4 | 423.0 |
| 417.7 | 47.5° | 415.1 | 406.6 | 398.1 | 390.9 | 383.8 | 379.0 | 383.8 | 390.9 | 398.1 | 406.6 |
| 404.8 | 50° | 404.7 | 397.9 | 391.1 | 384.4 | 377.8 | 373.2 | 377.8 | 384.4 | 391.1 | 397.9 |
| 396.2 | 52.5° | 397.7 | 392.1 | 386.6 | 380.6 | 374.7 | 370.5 | 374.7 | 380.6 | 386.6 | 392.1 |
| 389.1 | 55° | 391.1 | 386.3 | 381.4 | 376.2 | 371.0 | 367.2 | 371.0 | 376.2 | 381.4 | 386.3 |
| 382.1 | 57.5° | 384.1 | 379.2 | 374.4 | 369.2 | 364.0 | 360.1 | 364.0 | 369.2 | 374.4 | 379.2 |
| 372.2 | 60° | 374.4 | 369.7 | 364.9 | 359.6 | 354.3 | 350.2 | 354.3 | 359.6 | 364.9 | 369.7 |
| 356.9 | 62.5° | 359.0 | 354.7 | 350.4 | 344.8 | 339.2 | 334.3 | 339.2 | 344.8 | 350.4 | 354.7 |
| 336.1 | 65° | 338.2 | 334.1 | 329.9 | 324.5 | 319.1 | 314.8 | 319.1 | 324.5 | 329.9 | 334.1 |
| 312.3 | 67.5° | 314.4 | 310.6 | 306.8 | 301.8 | 296.8 | 292.9 | 296.8 | 301.8 | 306.8 | 310.6 |
| 287.0 | 70° | 289.0 | 285.9 | 282.8 | 278.0 | 273.2 | 268.8 | 273.2 | 278.0 | 282.8 | 285.9 |
| 258.7 | 72.5° | 261.1 | 258.5 | 255.9 | 251.3 | 246.8 | 242.5 | 246.8 | 251.3 | 255.9 | 258.5 |
| 225.2 | 75° | 227.8 | 226.5 | 225.2 | 221.4 | 217.5 | 213.5 | 217.5 | 221.4 | 225.2 | 226.5 |
| 193.1 | 77.5° | 195.4 | 193.7 | 191.9 | 188.0 | 184.1 | 180.8 | 184.1 | 188.0 | 191.9 | 193.7 |
| 155.8 | 80° | 158.9 | 158.2 | 157.4 | 152.2 | 146.9 | 140.8 | 146.9 | 152.2 | 157.4 | 158.2 |
| 113.3 | 82.5° | 118.6 | 118.3 | 118.0 | 113.6 | 109.1 | 105.2 | 109.1 | 113.6 | 118.0 | 118.3 |
| 68.8 | 85° | 75.4 | 74.8 | 74.3 | 70.8 | 67.4 | 63.8 | 67.4 | 70.8 | 74.3 | 74.8 |
| 30.0 | 87.5° | 32.7 | 32.0 | 31.3 | 29.5 | 27.7 | 26.0 | 27.7 | 29.5 | 31.3 | 32.0 |
| 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: P945892
 CATALOG NUMBER: GALN-SB1C-950-U-SLR

CANDELA DISTRIBUTION (continued):

| 160° | | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 714.1 | 0° | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 |
| 658.5 | 2.5° | 661.1 | 663.7 | 666.9 | 670.1 | 674.2 | 678.4 | 682.5 | 686.7 | 691.4 | 696.1 |
| 618.4 | 5° | 622.0 | 625.6 | 630.7 | 635.9 | 642.5 | 649.2 | 656.5 | 663.9 | 672.2 | 680.5 |
| 594.3 | 7.5° | 598.6 | 602.8 | 608.9 | 615.0 | 623.2 | 631.3 | 640.6 | 649.8 | 660.8 | 671.7 |
| 587.0 | 10° | 591.8 | 596.6 | 603.9 | 611.2 | 620.4 | 629.5 | 639.5 | 649.5 | 660.4 | 671.4 |
| 597.8 | 12.5° | 603.9 | 610.1 | 619.4 | 628.7 | 638.2 | 647.7 | 655.5 | 663.3 | 670.6 | 677.9 |
| 620.0 | 15° | 629.4 | 638.8 | 652.0 | 665.3 | 673.6 | 681.8 | 683.8 | 685.9 | 684.9 | 683.9 |
| 641.5 | 17.5° | 655.3 | 669.1 | 686.7 | 704.2 | 710.8 | 717.5 | 711.2 | 704.8 | 692.9 | 680.9 |
| 654.5 | 20° | 671.4 | 688.3 | 708.4 | 728.5 | 731.6 | 734.6 | 721.3 | 708.1 | 687.3 | 666.5 |
| 654.9 | 22.5° | 672.4 | 689.8 | 709.0 | 728.2 | 726.4 | 724.5 | 707.2 | 689.9 | 666.2 | 642.5 |
| 641.7 | 25° | 657.1 | 672.7 | 688.4 | 704.1 | 697.8 | 691.4 | 674.4 | 657.4 | 636.0 | 614.8 |
| 615.7 | 27.5° | 627.7 | 639.8 | 650.9 | 662.2 | 655.1 | 648.0 | 634.3 | 620.7 | 603.2 | 585.7 |
| 583.7 | 30° | 592.4 | 601.0 | 609.5 | 618.0 | 612.3 | 606.5 | 595.2 | 583.9 | 569.3 | 554.8 |
| 551.6 | 32.5° | 558.5 | 565.3 | 573.2 | 581.0 | 574.6 | 568.3 | 557.4 | 546.5 | 534.9 | 523.3 |
| 523.2 | 35° | 529.6 | 535.9 | 541.5 | 547.1 | 539.4 | 531.7 | 521.0 | 510.2 | 501.4 | 492.5 |
| 499.1 | 37.5° | 505.0 | 510.8 | 513.4 | 516.0 | 506.5 | 497.0 | 486.3 | 475.6 | 469.2 | 462.9 |
| 477.0 | 40° | 482.0 | 486.9 | 486.3 | 485.7 | 474.8 | 463.9 | 453.5 | 443.1 | 438.6 | 434.0 |
| 454.6 | 42.5° | 458.8 | 462.9 | 459.8 | 456.6 | 444.9 | 433.1 | 423.2 | 413.4 | 409.7 | 406.0 |
| 432.5 | 45° | 436.3 | 440.1 | 435.5 | 431.0 | 418.8 | 406.6 | 397.3 | 387.9 | 384.8 | 381.6 |
| 415.1 | 47.5° | 417.7 | 420.3 | 415.1 | 409.9 | 397.9 | 385.8 | 376.7 | 367.6 | 364.7 | 361.7 |
| 404.7 | 50° | 404.8 | 404.9 | 398.3 | 391.6 | 380.8 | 370.0 | 361.4 | 352.8 | 348.2 | 343.6 |
| 397.7 | 52.5° | 396.2 | 394.8 | 386.9 | 379.0 | 368.9 | 358.8 | 351.0 | 343.1 | 336.2 | 329.2 |
| 391.1 | 55° | 389.1 | 387.1 | 378.7 | 370.3 | 361.5 | 352.7 | 344.2 | 335.7 | 325.9 | 316.1 |
| 384.1 | 57.5° | 382.1 | 380.1 | 371.7 | 363.2 | 354.5 | 345.8 | 335.8 | 325.8 | 315.2 | 304.6 |
| 374.4 | 60° | 372.2 | 370.1 | 361.6 | 353.1 | 344.2 | 335.3 | 323.9 | 312.4 | 303.2 | 293.9 |
| 359.0 | 62.5° | 356.9 | 354.8 | 347.0 | 339.2 | 329.8 | 320.3 | 307.0 | 293.6 | 287.7 | 281.8 |
| 338.2 | 65° | 336.1 | 333.9 | 327.0 | 320.2 | 311.1 | 302.1 | 287.8 | 273.5 | 271.2 | 268.9 |
| 314.4 | 67.5° | 312.3 | 310.2 | 304.3 | 298.4 | 289.9 | 281.3 | 268.0 | 254.8 | 255.5 | 256.3 |
| 289.0 | 70° | 287.0 | 285.0 | 279.6 | 274.3 | 266.9 | 259.5 | 247.9 | 236.3 | 238.7 | 241.2 |
| 261.1 | 72.5° | 258.7 | 256.3 | 251.0 | 245.8 | 239.1 | 232.4 | 223.3 | 214.1 | 217.7 | 221.3 |
| 227.8 | 75° | 225.2 | 222.7 | 218.0 | 213.2 | 207.1 | 201.1 | 194.3 | 187.5 | 191.0 | 194.4 |
| 195.4 | 77.5° | 193.1 | 190.7 | 185.7 | 180.7 | 175.5 | 170.3 | 164.8 | 159.3 | 162.8 | 166.3 |
| 158.9 | 80° | 155.8 | 152.7 | 148.9 | 145.1 | 140.7 | 136.3 | 131.7 | 127.1 | 130.1 | 133.0 |
| 118.6 | 82.5° | 113.3 | 108.0 | 99.9 | 91.8 | 93.3 | 94.9 | 95.2 | 95.6 | 97.7 | 99.8 |
| 75.4 | 85° | 68.8 | 62.2 | 54.6 | 47.0 | 51.2 | 55.5 | 57.5 | 59.5 | 61.8 | 64.1 |
| 32.7 | 87.5° | 30.0 | 27.3 | 24.1 | 21.0 | 24.2 | 27.5 | 27.5 | 27.6 | 28.1 | 28.5 |
| 0.0 | 90° | 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):

| 215° | | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 714.1 | 0° | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 |
| 701.4 | 2.5° | 706.6 | 713.1 | 719.0 | 725.0 | 731.0 | 737.3 | 743.6 | 749.9 | 756.1 | 762.0 |
| 690.5 | 5° | 700.4 | 711.8 | 723.3 | 735.5 | 747.6 | 760.7 | 773.8 | 786.7 | 799.7 | 812.7 |
| 684.9 | 7.5° | 698.1 | 712.8 | 728.6 | 745.6 | 762.6 | 781.9 | 801.2 | 821.1 | 840.9 | 862.4 |
| 685.3 | 10° | 699.2 | 715.0 | 734.4 | 754.6 | 774.7 | 798.2 | 821.6 | 847.8 | 874.1 | 901.2 |
| 689.2 | 12.5° | 700.6 | 715.3 | 735.7 | 758.4 | 781.2 | 808.9 | 836.6 | 866.3 | 896.0 | 925.8 |
| 689.3 | 15° | 694.8 | 706.5 | 729.1 | 755.5 | 781.8 | 813.7 | 845.6 | 877.8 | 910.0 | 941.1 |
| 679.0 | 17.5° | 677.0 | 684.2 | 710.7 | 742.4 | 774.1 | 811.1 | 848.1 | 883.3 | 918.4 | 950.0 |
| 657.2 | 20° | 647.9 | 649.8 | 680.7 | 720.0 | 759.3 | 804.1 | 849.0 | 887.6 | 926.2 | 959.0 |
| 628.7 | 22.5° | 614.9 | 611.2 | 646.3 | 693.7 | 741.0 | 795.5 | 850.0 | 893.4 | 936.7 | 970.2 |
| 598.9 | 25° | 583.0 | 572.8 | 608.9 | 664.3 | 719.7 | 787.0 | 854.4 | 903.9 | 953.4 | 986.2 |
| 570.4 | 27.5° | 555.0 | 542.7 | 575.5 | 637.4 | 699.3 | 781.4 | 863.4 | 920.4 | 977.3 | 1008.6 |
| 542.6 | 30° | 530.4 | 520.8 | 548.3 | 614.9 | 681.5 | 778.7 | 875.8 | 941.7 | 1007.5 | 1037.7 |
| 516.1 | 32.5° | 508.9 | 504.6 | 526.8 | 595.5 | 664.3 | 775.4 | 886.5 | 963.9 | 1041.3 | 1071.2 |
| 490.5 | 35° | 488.6 | 490.3 | 508.8 | 576.5 | 644.2 | 769.2 | 894.3 | 989.2 | 1084.1 | 1112.7 |
| 465.1 | 37.5° | 467.2 | 473.8 | 489.9 | 554.1 | 618.2 | 758.6 | 899.0 | 1017.6 | 1136.1 | 1172.7 |
| 438.9 | 40° | 443.9 | 453.9 | 468.6 | 527.3 | 586.1 | 744.0 | 901.9 | 1053.6 | 1205.2 | 1258.4 |
| 412.5 | 42.5° | 419.1 | 431.7 | 445.2 | 497.8 | 550.4 | 728.9 | 907.5 | 1100.7 | 1293.8 | 1370.7 |
| 388.0 | 45° | 394.4 | 406.6 | 420.3 | 466.5 | 512.6 | 714.9 | 917.3 | 1162.6 | 1408.0 | 1511.7 |
| 367.1 | 47.5° | 372.4 | 382.9 | 400.6 | 441.7 | 482.8 | 703.4 | 924.0 | 1228.7 | 1533.4 | 1679.4 |
| 348.3 | 50° | 353.1 | 365.3 | 388.5 | 425.2 | 461.9 | 690.8 | 919.6 | 1290.0 | 1660.3 | 1880.4 |
| 333.9 | 52.5° | 338.6 | 355.7 | 382.4 | 414.4 | 446.4 | 669.5 | 892.6 | 1329.7 | 1766.8 | 2091.6 |
| 323.5 | 55° | 331.0 | 356.6 | 381.5 | 406.5 | 431.5 | 634.2 | 836.8 | 1321.0 | 1805.1 | 2278.8 |
| 315.5 | 57.5° | 326.4 | 357.6 | 379.5 | 397.2 | 414.9 | 584.4 | 754.0 | 1259.3 | 1764.6 | 2411.4 |
| 308.0 | 60° | 322.0 | 354.6 | 369.0 | 382.9 | 396.8 | 519.8 | 642.8 | 1144.4 | 1646.1 | 2444.6 |
| 299.4 | 62.5° | 317.0 | 347.2 | 349.0 | 358.2 | 367.4 | 442.5 | 517.6 | 989.1 | 1460.7 | 2305.0 |
| 287.7 | 65° | 306.3 | 329.4 | 329.1 | 333.5 | 337.9 | 372.9 | 408.0 | 830.7 | 1253.5 | 2107.4 |
| 271.8 | 67.5° | 287.4 | 300.3 | 300.9 | 298.5 | 296.1 | 306.0 | 316.0 | 675.5 | 1035.0 | 1872.4 |
| 252.3 | 70° | 263.3 | 267.6 | 267.6 | 256.3 | 245.0 | 242.2 | 239.4 | 531.9 | 824.4 | 1615.9 |
| 228.9 | 72.5° | 236.5 | 236.5 | 233.8 | 217.8 | 201.8 | 193.2 | 184.6 | 406.6 | 628.6 | 1337.8 |
| 200.3 | 75° | 206.1 | 207.2 | 194.8 | 176.8 | 158.9 | 151.1 | 143.4 | 295.1 | 446.9 | 1019.0 |
| 171.0 | 77.5° | 175.6 | 176.2 | 155.8 | 138.4 | 121.0 | 115.7 | 110.4 | 200.0 | 289.6 | 713.2 |
| 137.0 | 80° | 140.9 | 141.0 | 116.6 | 101.9 | 87.1 | 84.9 | 82.8 | 128.8 | 175.0 | 459.5 |
| 101.7 | 82.5° | 103.6 | 102.5 | 81.7 | 70.8 | 60.0 | 59.5 | 59.1 | 79.2 | 99.4 | 266.0 |
| 66.2 | 85° | 68.2 | 66.7 | 51.2 | 43.3 | 35.3 | 35.6 | 35.8 | 42.4 | 49.0 | 119.6 |
| 29.3 | 87.5° | 30.1 | 28.2 | 21.8 | 18.5 | 15.3 | 15.5 | 15.7 | 17.6 | 19.5 | 39.2 |
| 0.0 | 90° | 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-SB1C-950-U-SLR

CANDELA DISTRIBUTION (continued):

| 270° | | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 714.1 | 0° | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 |
| 767.9 | 2.5° | 770.8 | 773.8 | 777.9 | 782.0 | 784.5 | 787.0 | 788.2 | 789.4 | 788.9 | 789.4 |
| 825.7 | 5° | 835.9 | 846.1 | 856.2 | 866.3 | 871.8 | 877.3 | 880.6 | 883.9 | 886.4 | 883.9 |
| 883.8 | 7.5° | 900.4 | 916.9 | 931.8 | 946.7 | 955.6 | 964.6 | 969.4 | 974.3 | 976.6 | 974.3 |
| 928.4 | 10° | 947.9 | 967.5 | 984.9 | 1002.4 | 1013.0 | 1023.5 | 1028.2 | 1032.9 | 1034.7 | 1032.9 |
| 955.6 | 12.5° | 976.8 | 998.0 | 1013.8 | 1029.5 | 1037.2 | 1044.9 | 1047.4 | 1050.0 | 1050.3 | 1050.0 |
| 972.2 | 15° | 990.5 | 1008.8 | 1018.7 | 1028.6 | 1028.9 | 1029.1 | 1026.4 | 1023.7 | 1020.4 | 1023.7 |
| 981.5 | 17.5° | 993.9 | 1006.2 | 1006.4 | 1006.6 | 995.5 | 984.4 | 974.2 | 964.0 | 956.9 | 964.0 |
| 991.8 | 20° | 996.1 | 1000.4 | 987.4 | 974.4 | 949.9 | 925.4 | 907.6 | 889.7 | 878.8 | 889.7 |
| 1003.7 | 22.5° | 998.1 | 992.4 | 965.5 | 938.5 | 902.5 | 866.4 | 844.1 | 821.8 | 809.7 | 821.8 |
| 1019.1 | 25° | 1001.2 | 983.4 | 942.5 | 901.6 | 857.8 | 814.0 | 790.6 | 767.2 | 755.7 | 767.2 |
| 1039.9 | 27.5° | 1008.0 | 976.2 | 921.9 | 867.7 | 819.2 | 770.7 | 747.7 | 724.6 | 713.8 | 724.6 |
| 1068.0 | 30° | 1020.5 | 973.0 | 906.3 | 839.5 | 789.0 | 738.5 | 717.1 | 695.7 | 685.6 | 695.7 |
| 1101.1 | 32.5° | 1036.1 | 971.1 | 895.6 | 820.1 | 772.6 | 725.1 | 708.3 | 691.5 | 684.2 | 691.5 |
| 1141.4 | 35° | 1061.8 | 982.3 | 903.6 | 824.9 | 791.9 | 759.0 | 755.0 | 751.1 | 750.5 | 751.1 |
| 1209.2 | 37.5° | 1115.6 | 1022.0 | 950.5 | 879.0 | 876.8 | 874.7 | 892.6 | 910.6 | 919.9 | 910.6 |
| 1311.7 | 40° | 1209.9 | 1108.1 | 1054.9 | 1001.7 | 1039.3 | 1076.8 | 1120.4 | 1164.0 | 1185.7 | 1164.0 |
| 1447.6 | 42.5° | 1346.6 | 1245.6 | 1215.0 | 1184.3 | 1266.2 | 1348.1 | 1427.3 | 1506.6 | 1553.1 | 1506.6 |
| 1615.5 | 45° | 1524.7 | 1434.0 | 1420.5 | 1406.9 | 1538.1 | 1669.3 | 1799.5 | 1929.7 | 2008.8 | 1929.7 |
| 1825.3 | 47.5° | 1737.1 | 1648.8 | 1646.1 | 1643.3 | 1832.6 | 2021.7 | 2212.4 | 2403.0 | 2514.9 | 2403.0 |
| 2100.5 | 50° | 1991.4 | 1882.4 | 1882.9 | 1883.4 | 2127.2 | 2371.1 | 2622.7 | 2874.4 | 3026.5 | 2874.4 |
| 2416.3 | 52.5° | 2284.2 | 2152.2 | 2138.9 | 2125.5 | 2416.8 | 2708.1 | 3019.5 | 3330.8 | 3513.1 | 3330.8 |
| 2752.5 | 55° | 2622.0 | 2491.6 | 2439.6 | 2387.5 | 2711.8 | 3035.9 | 3407.1 | 3778.3 | 3995.1 | 3778.3 |
| 3058.3 | 57.5° | 2987.3 | 2916.2 | 2811.8 | 2707.5 | 3034.8 | 3362.2 | 3782.6 | 4203.0 | 4471.9 | 4203.0 |
| 3243.1 | 60° | 3353.4 | 3463.8 | 3334.2 | 3204.5 | 3514.3 | 3824.1 | 4274.2 | 4724.3 | 5015.0 | 4724.3 |
| 3149.3 | 62.5° | 3450.7 | 3752.1 | 3737.5 | 3722.9 | 4006.7 | 4290.5 | 4718.8 | 5147.0 | 5415.6 | 5147.0 |
| 2961.4 | 65° | 3244.3 | 3527.3 | 3583.2 | 3639.2 | 3999.8 | 4360.5 | 4775.8 | 5191.0 | 5419.7 | 5191.0 |
| 2709.7 | 67.5° | 2978.8 | 3247.9 | 3274.1 | 3300.4 | 3676.2 | 4051.9 | 4468.9 | 4886.0 | 5065.2 | 4886.0 |
| 2407.4 | 70° | 2700.0 | 2992.7 | 3004.5 | 3016.2 | 3352.3 | 3688.3 | 4047.2 | 4406.0 | 4505.6 | 4406.0 |
| 2047.0 | 72.5° | 2382.9 | 2718.8 | 2727.2 | 2735.6 | 2998.5 | 3261.5 | 3530.2 | 3799.0 | 3809.1 | 3799.0 |
| 1591.2 | 75° | 1938.8 | 2286.4 | 2317.6 | 2348.9 | 2553.4 | 2758.0 | 2947.2 | 3136.4 | 3085.7 | 3136.4 |
| 1136.9 | 77.5° | 1461.4 | 1785.9 | 1830.6 | 1875.2 | 2030.7 | 2186.2 | 2320.4 | 2454.6 | 2367.5 | 2454.6 |
| 744.1 | 80° | 1017.1 | 1290.1 | 1345.6 | 1401.1 | 1518.5 | 1635.9 | 1706.4 | 1776.8 | 1636.7 | 1776.8 |
| 432.5 | 82.5° | 619.2 | 805.8 | 867.8 | 929.9 | 1010.7 | 1091.5 | 1120.9 | 1150.3 | 1040.2 | 1150.3 |
| 190.3 | 85° | 289.4 | 388.4 | 441.2 | 493.9 | 560.3 | 626.7 | 643.4 | 660.1 | 571.9 | 660.1 |
| 58.9 | 87.5° | 92.2 | 125.5 | 154.9 | 184.4 | 217.6 | 250.8 | 252.2 | 253.6 | 212.9 | 253.6 |
| 0.0 | 90° | 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):

| 325° | | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 714.1 | 0° | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 | 714.1 |
| 788.2 | 2.5° | 787.0 | 784.5 | 782.0 | 777.9 | 773.8 | 770.8 | 767.9 |
| 880.6 | 5° | 877.3 | 871.8 | 866.3 | 856.2 | 846.1 | 835.9 | 825.7 |
| 969.4 | 7.5° | 964.6 | 955.6 | 946.7 | 931.8 | 916.9 | 900.4 | 883.8 |
| 1028.2 | 10° | 1023.5 | 1013.0 | 1002.4 | 984.9 | 967.5 | 947.9 | 928.4 |
| 1047.4 | 12.5° | 1044.9 | 1037.2 | 1029.5 | 1013.8 | 998.0 | 976.8 | 955.6 |
| 1026.4 | 15° | 1029.1 | 1028.9 | 1028.6 | 1018.7 | 1008.8 | 990.5 | 972.2 |
| 974.2 | 17.5° | 984.4 | 995.5 | 1006.6 | 1006.4 | 1006.2 | 993.9 | 981.5 |
| 907.6 | 20° | 925.4 | 949.9 | 974.4 | 987.4 | 1000.4 | 996.1 | 991.8 |
| 844.1 | 22.5° | 866.4 | 902.5 | 938.5 | 965.5 | 992.4 | 998.1 | 1003.7 |
| 790.6 | 25° | 814.0 | 857.8 | 901.6 | 942.5 | 983.4 | 1001.2 | 1019.1 |
| 747.7 | 27.5° | 770.7 | 819.2 | 867.7 | 921.9 | 976.2 | 1008.0 | 1039.9 |
| 717.1 | 30° | 738.5 | 789.0 | 839.5 | 906.3 | 973.0 | 1020.5 | 1068.0 |
| 708.3 | 32.5° | 725.1 | 772.6 | 820.1 | 895.6 | 971.1 | 1036.1 | 1101.1 |
| 755.0 | 35° | 759.0 | 791.9 | 824.9 | 903.6 | 982.3 | 1061.8 | 1141.4 |
| 892.6 | 37.5° | 874.7 | 876.8 | 879.0 | 950.5 | 1022.0 | 1115.6 | 1209.2 |
| 1120.4 | 40° | 1076.8 | 1039.3 | 1001.7 | 1054.9 | 1108.1 | 1209.9 | 1311.7 |
| 1427.3 | 42.5° | 1348.1 | 1266.2 | 1184.3 | 1215.0 | 1245.6 | 1346.6 | 1447.6 |
| 1799.5 | 45° | 1669.3 | 1538.1 | 1406.9 | 1420.5 | 1434.0 | 1524.7 | 1615.5 |
| 2212.4 | 47.5° | 2021.7 | 1832.6 | 1643.3 | 1646.1 | 1648.8 | 1737.1 | 1825.3 |
| 2622.7 | 50° | 2371.1 | 2127.2 | 1883.4 | 1882.9 | 1882.4 | 1991.4 | 2100.5 |
| 3019.5 | 52.5° | 2708.1 | 2416.8 | 2125.5 | 2138.9 | 2152.2 | 2284.2 | 2416.3 |
| 3407.1 | 55° | 3035.9 | 2711.8 | 2387.5 | 2439.6 | 2491.6 | 2622.0 | 2752.5 |
| 3782.6 | 57.5° | 3362.2 | 3034.8 | 2707.5 | 2811.8 | 2916.2 | 2987.3 | 3058.3 |
| 4274.2 | 60° | 3824.1 | 3514.3 | 3204.5 | 3334.2 | 3463.8 | 3353.4 | 3243.1 |
| 4718.8 | 62.5° | 4290.5 | 4006.7 | 3722.9 | 3737.5 | 3752.1 | 3450.7 | 3149.3 |
| 4775.8 | 65° | 4360.5 | 3999.8 | 3639.2 | 3583.2 | 3527.3 | 3244.3 | 2961.4 |
| 4468.9 | 67.5° | 4051.9 | 3676.2 | 3300.4 | 3274.1 | 3247.9 | 2978.8 | 2709.7 |
| 4047.2 | 70° | 3688.3 | 3352.3 | 3016.2 | 3004.5 | 2992.7 | 2700.0 | 2407.4 |
| 3530.2 | 72.5° | 3261.5 | 2998.5 | 2735.6 | 2727.2 | 2718.8 | 2382.9 | 2047.0 |
| 2947.2 | 75° | 2758.0 | 2553.4 | 2348.9 | 2317.6 | 2286.4 | 1938.8 | 1591.2 |
| 2320.4 | 77.5° | 2186.2 | 2030.7 | 1875.2 | 1830.6 | 1785.9 | 1461.4 | 1136.9 |
| 1706.4 | 80° | 1635.9 | 1518.5 | 1401.1 | 1345.6 | 1290.1 | 1017.1 | 744.1 |
| 1120.9 | 82.5° | 1091.5 | 1010.7 | 929.9 | 867.8 | 805.8 | 619.2 | 432.5 |
| 643.4 | 85° | 626.7 | 560.3 | 493.9 | 441.2 | 388.4 | 289.4 | 190.3 |
| 252.2 | 87.5° | 250.8 | 217.6 | 184.4 | 154.9 | 125.5 | 92.2 | 58.9 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)