

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: P945534

Luminaire Tested: **GALN-SB1B-950-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945534
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-SB1B-950-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 5000K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2991 lumens
Efficiency: N/A
Efficacy: 75.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

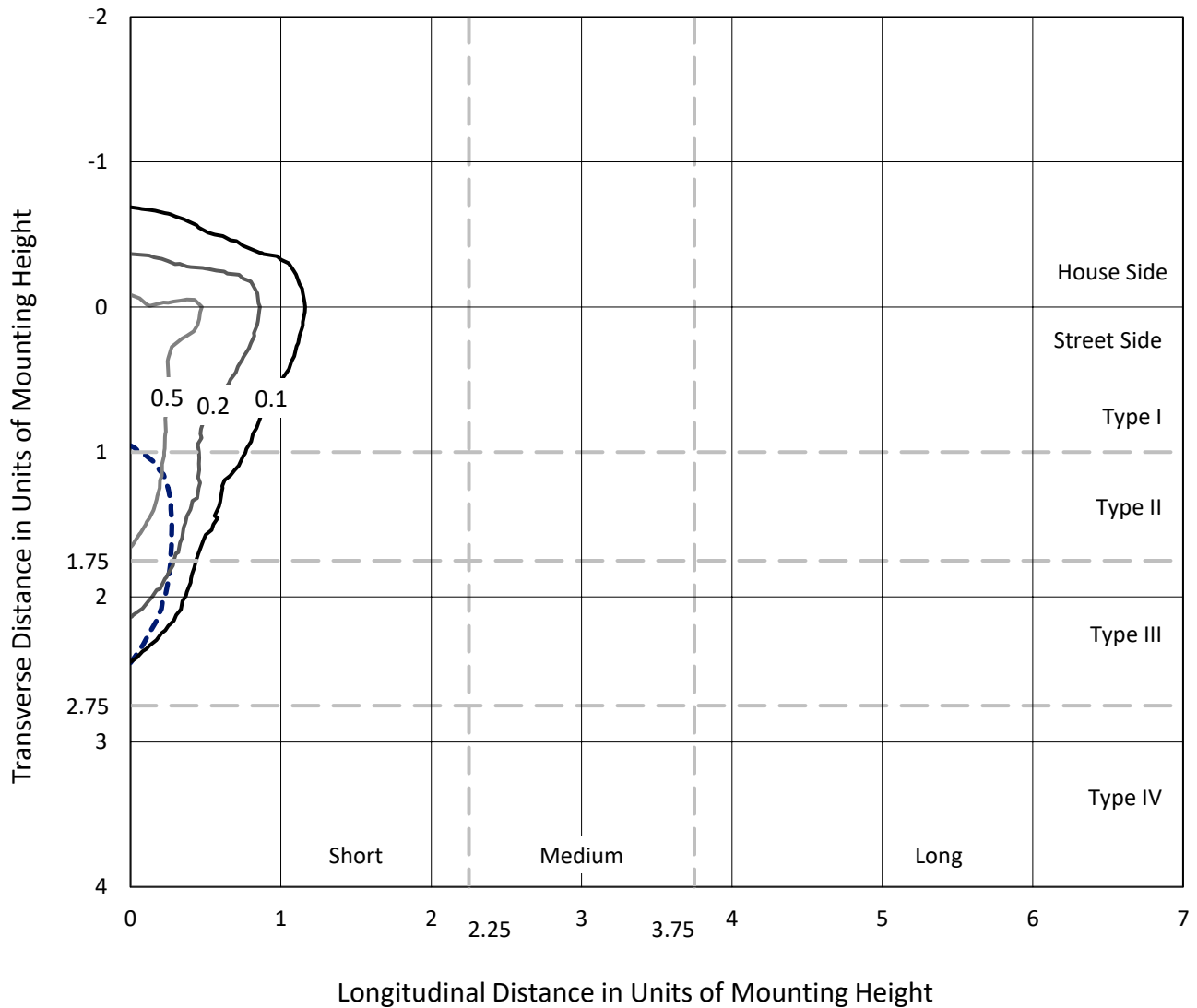
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P945534
 CATALOG NUMBER: GALN-SB1B-950-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

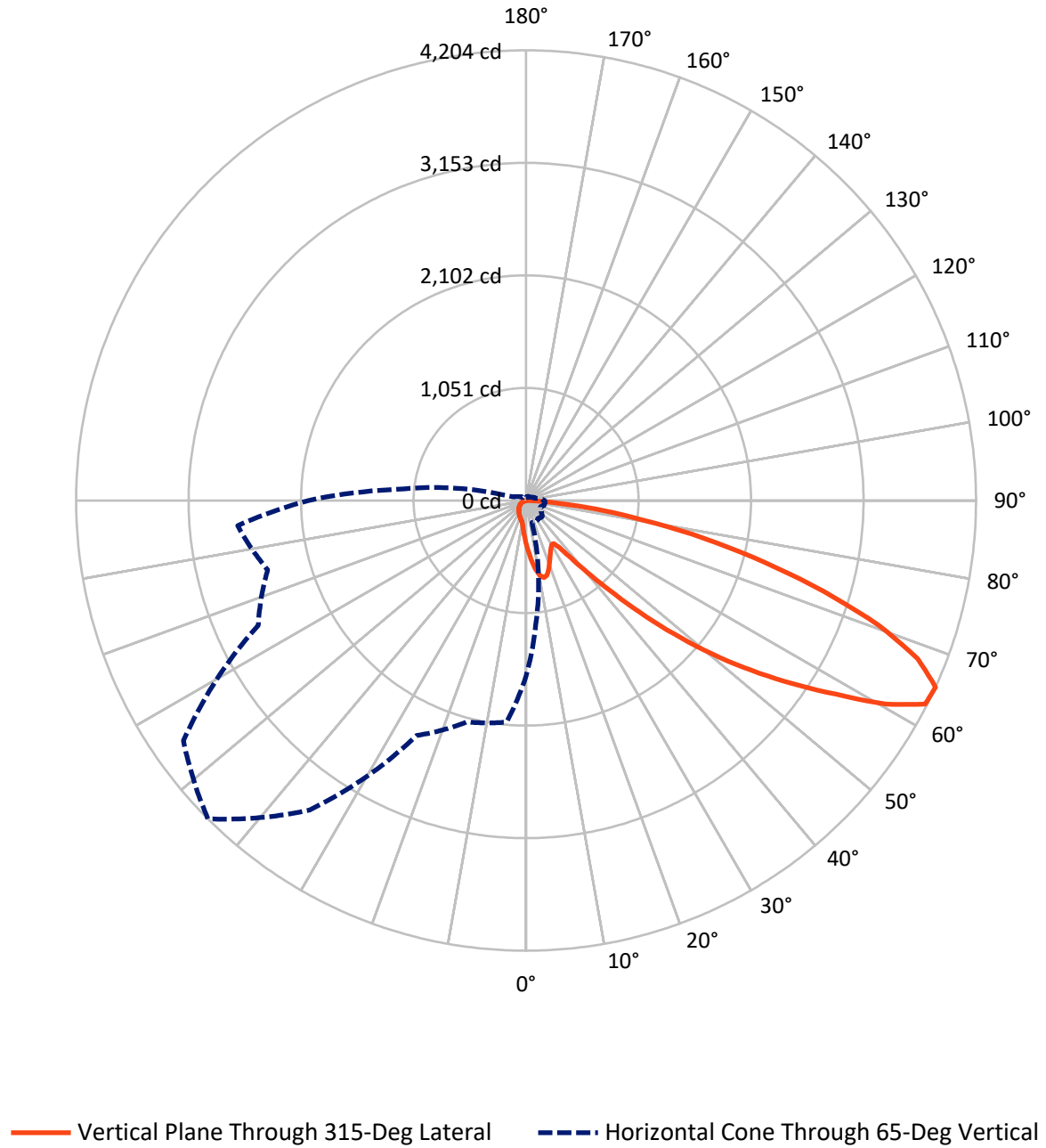
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 fc
 Type IV - Short - N/A

REPORT NUMBER: P945534
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Luminous Intensity Polar Plot



REPORT NUMBER: P945534
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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 418.9 | 0.0 | 418.9 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 2572.1 | 0.0 | 2572.1 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 2991.0 | 0.0 | 2991.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 40.8 | 1.4 |
| 10°-20° | 122.2 | 4.1 |
| 20°-30° | 180.1 | 6.0 |
| 30°-40° | 231.3 | 7.7 |
| 40°-50° | 374.2 | 12.5 |
| 50°-60° | 656.1 | 21.9 |
| 60°-70° | 821.0 | 27.4 |
| 70°-80° | 479.7 | 16.0 |
| 80°-90° | 85.6 | 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° | 2991.0 | 100.0 |
| 0°-180° | 2991.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P945534

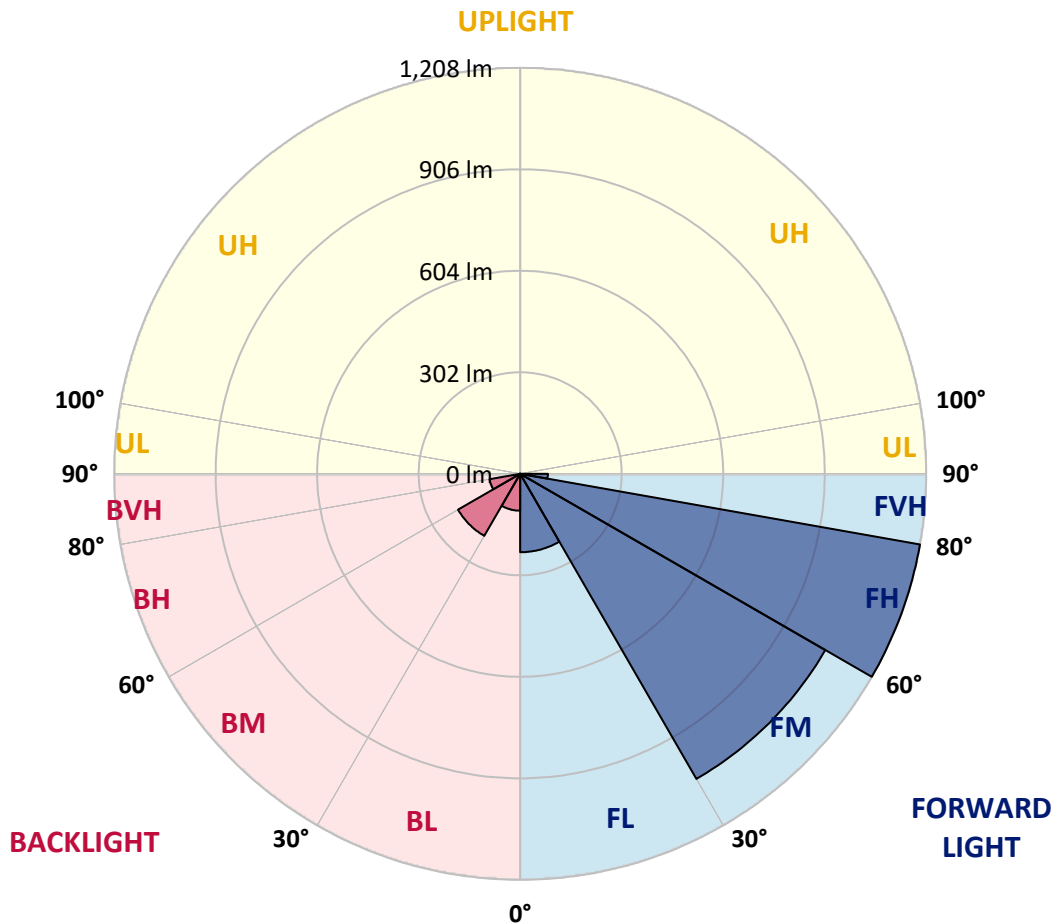
CATALOG NUMBER: GALN-SB1B-950-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 233.3 | 7.8 | | | |
| FM (30°-60°) | 1048.3 | 35.0 | | | |
| FH (60°-80°) | 1208.2 | 40.4 | | | G1/1800 |
| FVH (80°-90°) | 82.3 | 2.8 | | | G1/100 |
| BL (0°-30°) | 109.8 | 3.7 | B0/110 | | |
| BM (30°-60°) | 213.3 | 7.1 | B0/220 | | |
| BH (60°-80°) | 92.5 | 3.1 | B0/110 | | G0/110 |
| BVH (80°-90°) | 3.3 | 0.1 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G1

Type IV Short



REPORT NUMBER: P945534

CATALOG NUMBER: GALN-SB1B-950-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 |
| 2.5° | 467.9 | 459.9 | 455.2 | 443.4 | 431.7 | 422.2 | 409.4 | 401.0 | 390.9 | 381.2 |
| 5° | 521.5 | 508.5 | 492.9 | 471.4 | 451.9 | 431.9 | 412.5 | 393.3 | 373.2 | 354.6 |
| 7.5° | 566.8 | 548.1 | 520.5 | 492.0 | 467.1 | 443.0 | 420.3 | 395.0 | 370.5 | 341.4 |
| 10° | 601.5 | 577.6 | 541.3 | 504.0 | 475.4 | 451.0 | 429.0 | 407.6 | 382.8 | 347.8 |
| 12.5° | 622.5 | 596.9 | 553.9 | 510.2 | 477.4 | 450.2 | 433.1 | 423.6 | 414.0 | 379.1 |
| 15° | 637.9 | 610.3 | 562.7 | 514.5 | 472.7 | 439.3 | 426.7 | 436.2 | 447.3 | 425.1 |
| 17.5° | 654.0 | 624.9 | 574.3 | 516.4 | 459.9 | 418.1 | 412.7 | 437.2 | 463.0 | 462.0 |
| 20° | 669.2 | 640.4 | 584.4 | 515.1 | 439.3 | 392.3 | 397.1 | 428.4 | 458.3 | 470.8 |
| 22.5° | 686.8 | 656.3 | 594.0 | 510.4 | 412.5 | 368.2 | 383.0 | 414.4 | 440.5 | 455.4 |
| 25° | 708.2 | 676.3 | 607.6 | 503.4 | 383.7 | 348.2 | 368.8 | 398.1 | 419.3 | 429.6 |
| 27.5° | 731.3 | 700.2 | 625.8 | 499.7 | 360.4 | 334.0 | 352.8 | 378.7 | 397.7 | 404.9 |
| 30° | 759.9 | 728.0 | 647.2 | 495.5 | 345.1 | 325.8 | 336.1 | 356.3 | 374.8 | 382.0 |
| 32.5° | 791.2 | 758.9 | 667.8 | 485.7 | 335.9 | 319.6 | 319.8 | 332.6 | 349.5 | 358.1 |
| 35° | 830.4 | 796.0 | 689.9 | 464.0 | 328.4 | 312.4 | 303.9 | 310.1 | 324.1 | 334.4 |
| 37.5° | 886.2 | 844.6 | 716.8 | 433.1 | 317.5 | 301.2 | 287.2 | 288.7 | 299.4 | 310.7 |
| 40° | 963.3 | 909.9 | 748.6 | 401.0 | 301.9 | 285.6 | 268.9 | 268.3 | 276.1 | 287.2 |
| 42.5° | 1067.5 | 996.2 | 786.7 | 370.3 | 286.8 | 266.6 | 249.5 | 248.5 | 254.7 | 264.4 |
| 45° | 1205.2 | 1106.7 | 833.5 | 343.9 | 275.1 | 248.1 | 231.2 | 230.8 | 235.9 | 244.4 |
| 47.5° | 1381.4 | 1260.2 | 880.2 | 326.0 | 268.9 | 233.5 | 216.1 | 217.0 | 221.5 | 229.1 |
| 50° | 1609.4 | 1460.3 | 894.5 | 316.9 | 268.9 | 225.6 | 202.8 | 206.9 | 210.6 | 216.4 |
| 52.5° | 1882.9 | 1652.3 | 847.5 | 308.7 | 270.5 | 226.7 | 191.4 | 200.3 | 203.0 | 207.9 |
| 55° | 2136.3 | 1746.5 | 728.6 | 297.3 | 271.0 | 233.0 | 181.7 | 194.9 | 199.9 | 201.7 |
| 57.5° | 2283.4 | 1714.1 | 589.1 | 278.2 | 269.3 | 237.4 | 175.6 | 188.3 | 197.8 | 199.0 |
| 60° | 2255.4 | 1600.6 | 433.7 | 263.5 | 257.1 | 235.7 | 173.7 | 178.2 | 193.3 | 195.1 |
| 62.5° | 2039.5 | 1410.2 | 301.0 | 252.2 | 230.4 | 228.5 | 173.1 | 162.4 | 183.4 | 187.9 |
| 65° | 1639.3 | 1110.2 | 212.6 | 217.2 | 201.9 | 212.8 | 169.8 | 145.9 | 171.4 | 177.6 |
| 67.5° | 1189.3 | 751.3 | 153.5 | 176.0 | 183.0 | 187.5 | 162.4 | 133.9 | 157.8 | 166.1 |
| 70° | 763.2 | 405.7 | 107.8 | 116.2 | 154.1 | 159.3 | 149.6 | 123.2 | 144.0 | 153.5 |
| 72.5° | 542.5 | 239.6 | 77.5 | 81.4 | 123.8 | 132.7 | 131.7 | 111.3 | 128.0 | 139.5 |
| 75° | 374.4 | 132.1 | 52.3 | 58.1 | 89.8 | 107.8 | 101.6 | 95.6 | 108.4 | 120.1 |
| 77.5° | 234.7 | 59.1 | 31.3 | 40.4 | 58.9 | 84.7 | 69.6 | 74.0 | 84.5 | 95.4 |
| 80° | 130.6 | 22.9 | 17.5 | 26.8 | 32.1 | 61.6 | 38.5 | 47.6 | 62.2 | 70.1 |
| 82.5° | 28.4 | 2.9 | 7.8 | 11.5 | 12.6 | 35.9 | 20.4 | 27.6 | 39.1 | 38.5 |
| 85° | 0.0 | 0.0 | 1.4 | 1.6 | 0.8 | 15.5 | 7.4 | 9.1 | 12.8 | 12.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P945534
 CATALOG NUMBER: GALN-SB1B-950-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 414.2 | 0° | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 |
| 372.5 | 2.5° | 370.9 | 360.8 | 353.4 | 349.7 | 346.6 | 349.5 | 351.1 | 351.1 | 358.1 | 362.2 |
| 343.3 | 5° | 336.1 | 317.9 | 304.1 | 294.9 | 289.3 | 291.1 | 293.2 | 295.5 | 304.3 | 310.3 |
| 326.0 | 7.5° | 312.0 | 284.1 | 263.1 | 250.1 | 243.3 | 244.4 | 245.8 | 247.7 | 256.3 | 262.3 |
| 328.4 | 10° | 307.4 | 267.5 | 237.8 | 220.7 | 212.4 | 211.0 | 210.2 | 209.6 | 214.7 | 219.2 |
| 356.5 | 12.5° | 326.0 | 268.3 | 226.9 | 206.0 | 196.0 | 191.6 | 186.7 | 182.8 | 183.6 | 186.5 |
| 398.9 | 15° | 359.1 | 278.8 | 223.4 | 198.4 | 185.9 | 178.6 | 172.9 | 168.1 | 167.1 | 168.1 |
| 436.0 | 17.5° | 397.1 | 293.0 | 222.9 | 191.8 | 176.2 | 168.8 | 164.0 | 159.7 | 158.2 | 158.5 |
| 456.8 | 20° | 422.2 | 304.3 | 221.7 | 184.4 | 166.9 | 160.3 | 156.2 | 151.9 | 150.4 | 150.8 |
| 451.0 | 22.5° | 424.7 | 310.3 | 219.9 | 176.2 | 157.6 | 152.1 | 147.9 | 144.0 | 143.8 | 143.8 |
| 429.4 | 25° | 411.3 | 310.3 | 215.9 | 168.8 | 148.8 | 143.8 | 140.1 | 135.4 | 136.2 | 136.6 |
| 404.9 | 27.5° | 390.5 | 302.9 | 208.5 | 162.8 | 141.1 | 136.0 | 132.3 | 128.0 | 129.0 | 129.6 |
| 382.0 | 30° | 369.9 | 293.4 | 199.7 | 156.0 | 133.9 | 128.0 | 125.3 | 121.6 | 122.0 | 122.8 |
| 359.3 | 32.5° | 350.7 | 283.3 | 189.2 | 150.4 | 126.7 | 120.7 | 118.7 | 114.6 | 115.2 | 116.0 |
| 337.1 | 35° | 331.7 | 272.2 | 176.8 | 143.8 | 120.1 | 114.2 | 112.5 | 107.8 | 108.2 | 109.4 |
| 314.8 | 37.5° | 311.3 | 260.4 | 166.7 | 137.2 | 113.7 | 107.6 | 105.9 | 101.0 | 101.4 | 102.8 |
| 291.8 | 40° | 289.9 | 248.9 | 156.8 | 130.2 | 106.9 | 100.8 | 99.3 | 94.0 | 94.4 | 96.0 |
| 269.1 | 42.5° | 268.3 | 236.3 | 149.2 | 121.2 | 99.9 | 93.3 | 91.9 | 87.0 | 87.6 | 89.4 |
| 249.3 | 45° | 248.3 | 221.3 | 144.2 | 111.1 | 93.3 | 85.9 | 84.5 | 79.9 | 81.2 | 83.2 |
| 232.6 | 47.5° | 231.2 | 205.8 | 142.2 | 102.6 | 86.3 | 78.3 | 77.1 | 73.4 | 75.4 | 77.7 |
| 218.4 | 50° | 216.6 | 191.0 | 139.5 | 94.0 | 79.7 | 71.7 | 70.5 | 68.0 | 70.7 | 72.9 |
| 208.7 | 52.5° | 206.0 | 174.1 | 133.7 | 86.1 | 74.0 | 66.1 | 65.7 | 64.5 | 67.0 | 69.0 |
| 201.5 | 55° | 197.0 | 156.6 | 124.5 | 79.3 | 68.8 | 61.4 | 61.8 | 61.2 | 63.3 | 64.9 |
| 197.2 | 57.5° | 188.7 | 141.3 | 112.7 | 74.0 | 63.3 | 57.3 | 58.5 | 57.7 | 58.7 | 59.8 |
| 192.7 | 60° | 178.9 | 125.9 | 98.7 | 68.0 | 56.7 | 53.2 | 54.6 | 52.3 | 52.1 | 52.5 |
| 184.4 | 62.5° | 164.2 | 105.1 | 84.1 | 60.6 | 50.9 | 48.6 | 49.2 | 44.9 | 41.6 | 41.6 |
| 172.3 | 65° | 143.8 | 84.5 | 70.5 | 52.3 | 44.3 | 42.4 | 42.0 | 35.9 | 31.3 | 30.9 |
| 159.1 | 67.5° | 120.1 | 69.4 | 58.5 | 44.1 | 36.9 | 35.6 | 36.1 | 31.5 | 27.0 | 26.6 |
| 145.9 | 70° | 97.9 | 57.5 | 47.2 | 35.2 | 28.4 | 29.7 | 31.5 | 27.0 | 22.7 | 22.0 |
| 130.4 | 72.5° | 79.5 | 45.7 | 36.9 | 27.0 | 21.0 | 24.5 | 26.8 | 22.0 | 17.9 | 17.5 |
| 111.3 | 75° | 61.4 | 33.6 | 26.4 | 18.3 | 15.2 | 19.0 | 21.0 | 16.1 | 12.8 | 12.2 |
| 86.1 | 77.5° | 41.0 | 20.8 | 14.8 | 11.5 | 9.1 | 13.0 | 14.0 | 8.4 | 7.4 | 7.2 |
| 62.6 | 80° | 24.9 | 9.7 | 6.4 | 5.6 | 3.1 | 4.7 | 5.6 | 3.5 | 3.9 | 4.1 |
| 33.4 | 82.5° | 12.6 | 2.7 | 1.0 | 0.2 | 0.0 | 0.0 | 1.6 | 0.8 | 1.6 | 2.1 |
| 9.1 | 85° | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.0 |
| 0.0 | 87.5° | 0.0 | 0.0 | 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 |

REPORT NUMBER: P945534
 CATALOG NUMBER: GALN-SB1B-950-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| 185° | | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 414.2 | 0° | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 |
| 363.9 | 2.5° | 375.4 | 384.1 | 392.3 | 405.5 | 419.1 | 432.5 | 446.1 | 459.3 | 464.0 | 467.5 |
| 314.2 | 5° | 332.2 | 348.4 | 367.4 | 393.6 | 421.6 | 450.4 | 479.7 | 506.5 | 518.6 | 526.9 |
| 267.5 | 7.5° | 287.4 | 308.7 | 335.9 | 375.2 | 419.1 | 465.1 | 511.0 | 553.2 | 572.8 | 588.7 |
| 223.4 | 10° | 243.1 | 266.2 | 300.6 | 345.5 | 404.9 | 470.8 | 534.3 | 592.4 | 617.7 | 637.7 |
| 191.6 | 12.5° | 204.2 | 225.8 | 261.9 | 311.5 | 382.6 | 466.3 | 547.7 | 617.5 | 647.4 | 669.9 |
| 169.0 | 15° | 176.8 | 192.0 | 224.0 | 277.5 | 356.3 | 451.7 | 548.5 | 629.5 | 662.2 | 685.7 |
| 159.5 | 17.5° | 161.5 | 166.7 | 187.5 | 242.9 | 327.0 | 432.5 | 540.9 | 633.6 | 668.6 | 690.5 |
| 151.0 | 20° | 153.3 | 154.1 | 159.9 | 198.0 | 289.5 | 414.6 | 533.7 | 637.7 | 674.6 | 692.9 |
| 145.1 | 22.5° | 146.7 | 146.7 | 148.1 | 162.0 | 241.1 | 393.1 | 531.4 | 644.9 | 682.8 | 694.2 |
| 138.3 | 25° | 140.7 | 140.7 | 141.1 | 144.9 | 191.0 | 360.4 | 530.0 | 656.1 | 694.2 | 697.3 |
| 131.5 | 27.5° | 134.5 | 134.8 | 134.8 | 136.8 | 153.9 | 315.9 | 523.8 | 670.5 | 707.8 | 701.4 |
| 124.9 | 30° | 128.4 | 128.8 | 128.8 | 130.2 | 136.2 | 263.7 | 511.6 | 687.8 | 725.5 | 706.7 |
| 118.3 | 32.5° | 122.2 | 122.6 | 122.6 | 123.8 | 128.2 | 210.6 | 496.4 | 703.7 | 743.4 | 709.0 |
| 111.9 | 35° | 115.8 | 116.4 | 116.0 | 117.7 | 122.2 | 167.5 | 477.0 | 719.5 | 762.8 | 716.2 |
| 105.7 | 37.5° | 109.4 | 109.8 | 109.6 | 111.3 | 116.4 | 144.6 | 454.5 | 731.5 | 789.2 | 732.3 |
| 99.1 | 40° | 103.0 | 102.8 | 102.8 | 104.7 | 110.2 | 138.1 | 426.3 | 750.4 | 827.1 | 760.5 |
| 92.5 | 42.5° | 96.4 | 96.4 | 96.0 | 98.1 | 104.9 | 133.1 | 399.3 | 784.4 | 882.3 | 805.4 |
| 86.3 | 45° | 90.5 | 90.2 | 89.4 | 91.3 | 99.7 | 124.5 | 389.8 | 847.9 | 963.9 | 878.2 |
| 80.2 | 47.5° | 84.7 | 84.5 | 82.4 | 84.1 | 93.5 | 116.6 | 425.3 | 951.7 | 1077.0 | 985.1 |
| 75.2 | 50° | 79.5 | 79.7 | 75.8 | 77.3 | 87.4 | 110.6 | 502.1 | 1086.5 | 1227.2 | 1129.1 |
| 71.1 | 52.5° | 74.8 | 74.8 | 69.6 | 70.5 | 79.7 | 105.3 | 575.3 | 1232.6 | 1425.4 | 1330.0 |
| 66.8 | 55° | 70.1 | 69.6 | 63.9 | 64.3 | 72.1 | 97.7 | 586.2 | 1375.2 | 1695.8 | 1632.3 |
| 62.0 | 57.5° | 64.7 | 63.9 | 58.5 | 58.5 | 65.1 | 92.1 | 508.1 | 1484.8 | 2031.2 | 2076.6 |
| 53.2 | 60° | 58.1 | 57.5 | 54.0 | 53.0 | 59.5 | 97.0 | 358.5 | 1497.6 | 2247.6 | 2667.3 |
| 42.2 | 62.5° | 49.7 | 50.5 | 48.6 | 47.2 | 54.2 | 100.8 | 212.4 | 1394.7 | 2195.2 | 2855.2 |
| 32.8 | 65° | 39.1 | 42.4 | 42.0 | 41.0 | 59.5 | 84.9 | 125.5 | 1197.3 | 2034.7 | 2703.6 |
| 28.6 | 67.5° | 33.4 | 35.6 | 35.0 | 35.0 | 62.4 | 64.5 | 78.9 | 935.5 | 1813.8 | 2523.7 |
| 23.9 | 70° | 28.4 | 30.7 | 28.4 | 28.4 | 47.2 | 39.1 | 54.6 | 653.2 | 1575.4 | 2324.6 |
| 19.2 | 72.5° | 23.5 | 25.8 | 23.3 | 21.6 | 37.7 | 29.3 | 40.0 | 408.2 | 1349.2 | 2117.4 |
| 13.6 | 75° | 17.9 | 20.6 | 18.8 | 16.7 | 24.9 | 21.8 | 30.3 | 237.2 | 1117.8 | 1811.6 |
| 8.2 | 77.5° | 11.3 | 14.8 | 14.0 | 11.7 | 18.3 | 15.9 | 21.8 | 141.1 | 862.5 | 1415.6 |
| 4.9 | 80° | 7.0 | 7.6 | 7.8 | 7.4 | 10.5 | 10.7 | 14.8 | 80.4 | 590.3 | 986.6 |
| 3.1 | 82.5° | 4.5 | 4.5 | 3.5 | 3.9 | 5.2 | 6.2 | 8.4 | 30.3 | 347.0 | 600.6 |
| 1.9 | 85° | 3.3 | 2.9 | 1.9 | 1.9 | 2.5 | 3.1 | 3.3 | 9.3 | 140.7 | 237.2 |
| 0.8 | 87.5° | 1.6 | 1.4 | 0.6 | 0.8 | 1.2 | 1.0 | 0.8 | 0.4 | 35.4 | 75.8 |
| 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: P945534
 CATALOG NUMBER: GALN-SB1B-950-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| 285° | | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 414.2 | 0° | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 | 414.2 |
| 475.4 | 2.5° | 479.5 | 485.9 | 486.3 | 486.3 | 480.7 | 480.5 | 469.2 | 467.9 |
| 545.4 | 5° | 564.6 | 568.7 | 569.7 | 567.7 | 556.5 | 548.3 | 526.2 | 521.5 |
| 616.9 | 7.5° | 642.5 | 650.7 | 650.7 | 645.8 | 627.6 | 610.7 | 578.8 | 566.8 |
| 676.0 | 10° | 704.7 | 714.2 | 712.1 | 702.0 | 679.1 | 655.9 | 617.1 | 601.5 |
| 711.9 | 12.5° | 735.0 | 744.7 | 739.3 | 727.8 | 705.5 | 681.0 | 640.2 | 622.5 |
| 722.2 | 15° | 734.4 | 731.7 | 726.1 | 724.7 | 714.0 | 695.4 | 657.3 | 637.9 |
| 715.8 | 17.5° | 708.2 | 685.5 | 681.2 | 695.6 | 709.2 | 704.7 | 672.1 | 654.0 |
| 700.6 | 20° | 666.8 | 627.2 | 623.3 | 650.9 | 689.6 | 709.4 | 685.9 | 669.2 |
| 678.5 | 22.5° | 623.1 | 580.4 | 571.4 | 601.9 | 660.2 | 710.9 | 703.5 | 686.8 |
| 654.2 | 25° | 581.7 | 538.8 | 529.8 | 558.2 | 627.4 | 708.4 | 722.4 | 708.2 |
| 630.9 | 27.5° | 547.1 | 505.6 | 497.2 | 525.6 | 595.9 | 701.4 | 741.4 | 731.3 |
| 607.8 | 30° | 520.3 | 481.9 | 475.8 | 503.2 | 568.7 | 692.7 | 765.5 | 759.9 |
| 586.4 | 32.5° | 504.6 | 476.6 | 478.9 | 501.3 | 554.1 | 683.3 | 788.5 | 791.2 |
| 575.9 | 35° | 520.1 | 521.3 | 541.1 | 550.4 | 567.7 | 681.8 | 819.9 | 830.4 |
| 588.5 | 37.5° | 596.9 | 639.8 | 680.8 | 673.2 | 634.2 | 698.5 | 866.6 | 886.2 |
| 643.3 | 40° | 727.8 | 815.7 | 882.3 | 853.2 | 755.2 | 749.6 | 934.0 | 963.3 |
| 740.5 | 42.5° | 887.7 | 1036.8 | 1146.5 | 1068.6 | 911.1 | 839.0 | 1030.2 | 1067.5 |
| 858.2 | 45° | 1056.4 | 1309.4 | 1482.1 | 1320.2 | 1077.4 | 964.3 | 1175.9 | 1205.2 |
| 968.4 | 47.5° | 1234.2 | 1640.8 | 1864.1 | 1599.1 | 1231.6 | 1106.9 | 1374.6 | 1381.4 |
| 1072.9 | 50° | 1428.7 | 2004.0 | 2253.6 | 1877.9 | 1380.3 | 1270.3 | 1617.3 | 1609.4 |
| 1194.7 | 52.5° | 1614.0 | 2377.6 | 2634.7 | 2157.9 | 1511.0 | 1473.0 | 1898.9 | 1882.9 |
| 1361.2 | 55° | 1790.8 | 2751.0 | 3018.2 | 2427.0 | 1634.2 | 1740.9 | 2233.6 | 2136.3 |
| 1601.2 | 57.5° | 1995.8 | 3086.6 | 3413.4 | 2697.4 | 1806.4 | 2088.7 | 2607.8 | 2283.4 |
| 2060.9 | 60° | 2298.9 | 3468.0 | 3860.3 | 3067.9 | 2134.0 | 2454.2 | 2741.9 | 2255.4 |
| 2611.5 | 62.5° | 2685.8 | 3818.7 | 4185.3 | 3430.9 | 2463.1 | 2523.1 | 2544.3 | 2039.5 |
| 2499.2 | 65° | 2761.1 | 3907.5 | 4203.6 | 3528.0 | 2420.7 | 2140.2 | 2077.2 | 1639.3 |
| 2232.3 | 67.5° | 2561.6 | 3747.0 | 3947.3 | 3347.3 | 2141.3 | 1654.0 | 1558.8 | 1189.3 |
| 2057.2 | 70° | 2337.8 | 3441.0 | 3500.6 | 3040.0 | 1883.3 | 1216.5 | 1052.7 | 763.2 |
| 1937.3 | 72.5° | 2108.5 | 3032.8 | 2909.6 | 2640.1 | 1655.2 | 885.8 | 759.3 | 542.5 |
| 1766.5 | 75° | 1836.1 | 2496.1 | 2291.9 | 2193.6 | 1370.4 | 695.2 | 549.3 | 374.4 |
| 1519.4 | 77.5° | 1470.4 | 1757.0 | 1702.4 | 1700.3 | 1029.8 | 507.9 | 366.6 | 234.7 |
| 1187.0 | 80° | 1037.2 | 1140.3 | 1112.5 | 1280.6 | 690.9 | 368.4 | 220.7 | 130.6 |
| 826.3 | 82.5° | 502.1 | 630.5 | 647.2 | 762.6 | 336.1 | 216.8 | 50.9 | 28.4 |
| 323.1 | 85° | 196.6 | 304.1 | 256.5 | 289.5 | 94.4 | 60.4 | 1.2 | 0.0 |
| 53.2 | 87.5° | 22.0 | 35.2 | 32.3 | 25.6 | 11.5 | 2.5 | 0.0 | 0.0 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)