

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P629132

Luminaire Tested: GWS-SA1B-722-U-SLL-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P629132
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-39)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA1B-722-U-SLL-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2054.9 lumens
Efficiency: N/A
Efficacy: 82.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G1

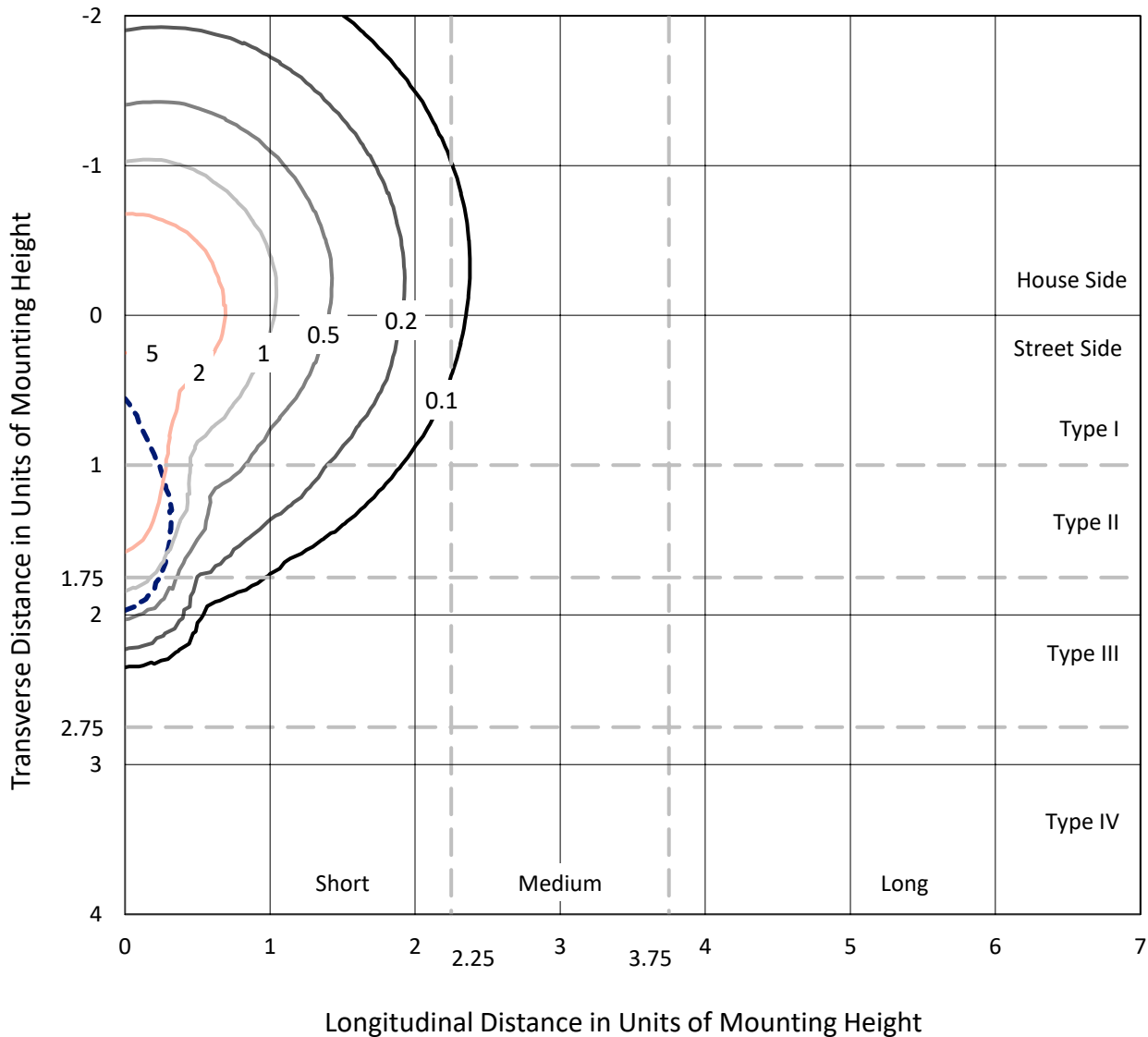
Input Watts (W): 25
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

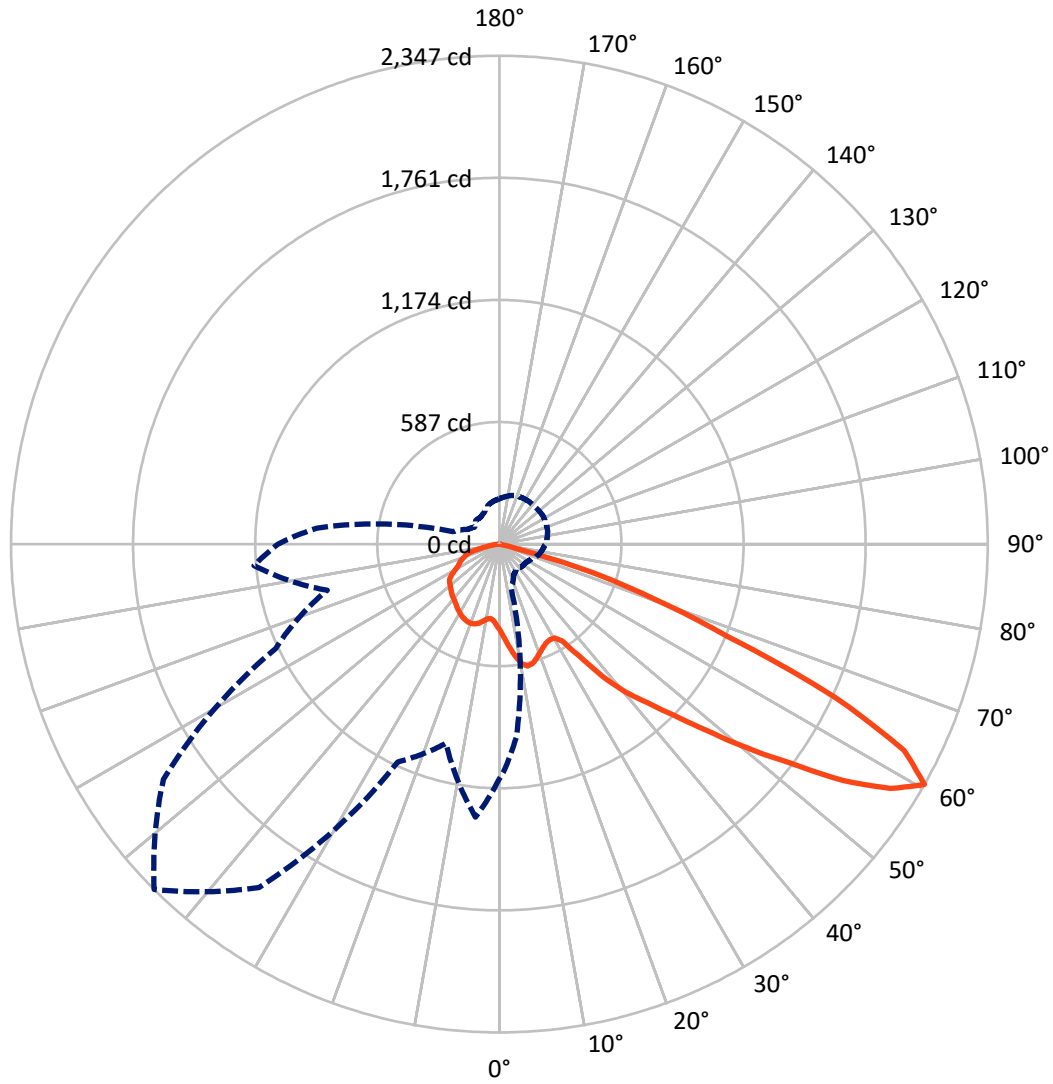
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5 fc
 Type III - 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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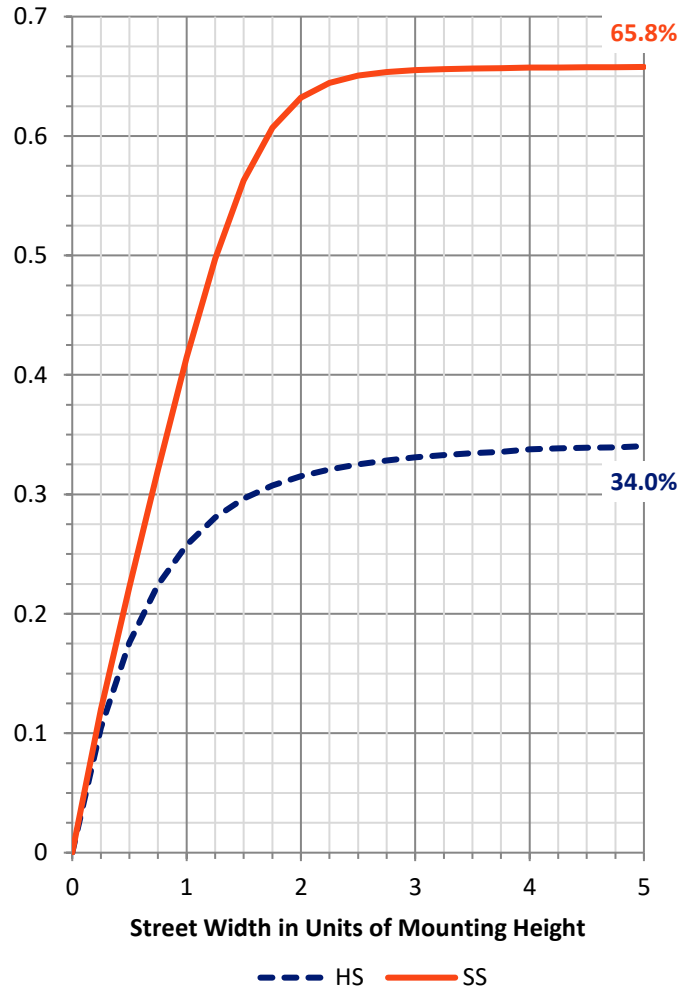
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 703.0 | 0.0 | 703.0 |
| | % Fixture | 34.2 | 0.0 | 34.2 |
| Street Side | Lumens | 1351.9 | 0.0 | 1351.9 |
| | % Fixture | 65.8 | 0.0 | 65.8 |
| Total | Lumens | 2054.9 | 0.0 | 2054.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 40.5 | 2.0 |
| 10°-20° | 129.9 | 6.3 |
| 20°-30° | 211.5 | 10.3 |
| 30°-40° | 297.1 | 14.5 |
| 40°-50° | 406.6 | 19.8 |
| 50°-60° | 521.6 | 25.4 |
| 60°-70° | 351.3 | 17.1 |
| 70°-80° | 87.8 | 4.3 |
| 80°-90° | 8.6 | 0.4 |
| 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° | 2054.9 | 100.0 |
| 0°-180° | 2054.9 | 100.0 |

Coefficient of Utilization



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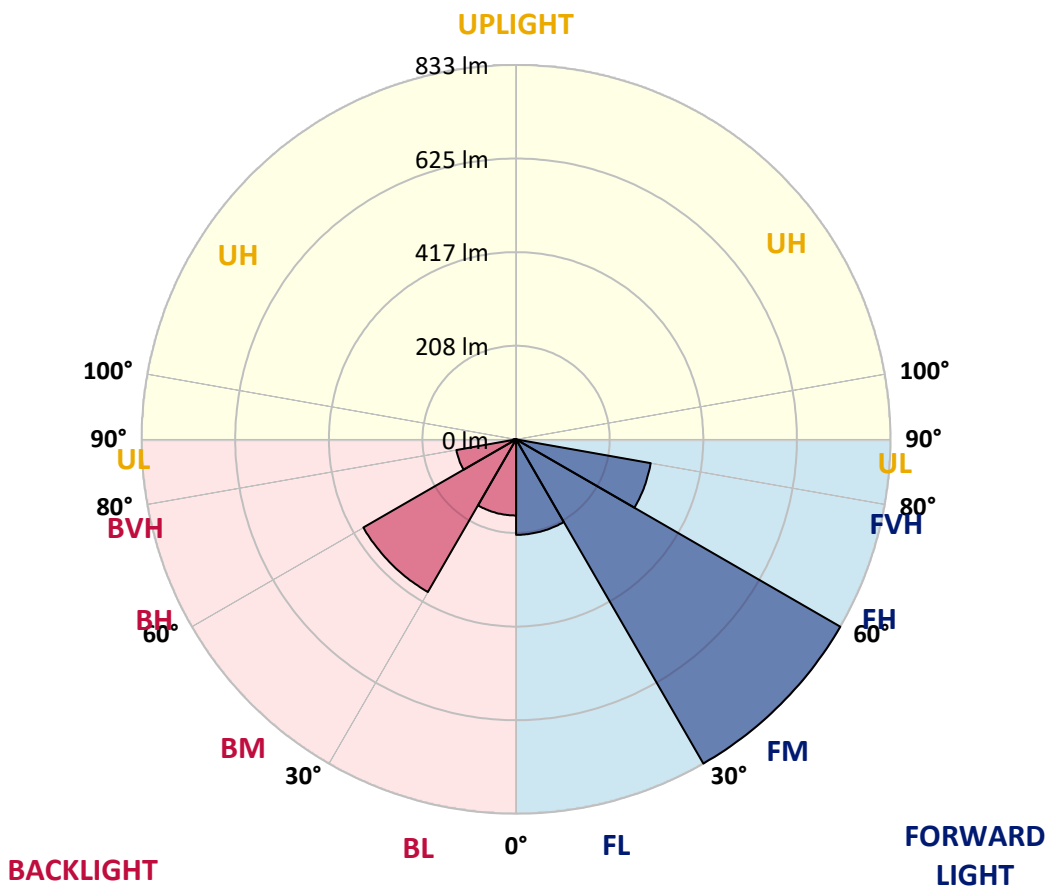
CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|--------|
| | | | B | U | G |
| FL (0°-30°) | 212.4 | 10.3 | | | |
| FM (30°-60°) | 833.1 | 40.5 | | | |
| FH (60°-80°) | 304.2 | 14.8 | | | G0/660 |
| FVH (80°-90°) | 2.2 | 0.1 | | | G0/10 |
| BL (0°-30°) | 169.5 | 8.2 | B1/500 | | |
| BM (30°-60°) | 392.3 | 19.1 | B1/1000 | | |
| BH (60°-80°) | 134.9 | 6.6 | B1/500 | | G1/500 |
| BVH (80°-90°) | 6.3 | 0.3 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 |
| 2.5° | 438.5 | 437.5 | 436.6 | 429.2 | 427.3 | 422.0 | 418.2 | 413.5 | 406.7 | 402.9 | 399.7 |
| 5° | 465.9 | 464.4 | 459.3 | 444.2 | 434.3 | 423.5 | 414.6 | 404.8 | 394.4 | 387.6 | 382.3 |
| 7.5° | 491.9 | 491.5 | 482.8 | 457.8 | 441.9 | 426.4 | 414.3 | 399.9 | 384.9 | 374.7 | 367.9 |
| 10° | 515.9 | 513.0 | 502.6 | 470.1 | 449.3 | 431.5 | 418.4 | 402.5 | 385.1 | 371.3 | 362.2 |
| 12.5° | 537.1 | 533.5 | 519.1 | 481.4 | 455.7 | 433.8 | 419.6 | 406.5 | 395.0 | 383.4 | 373.0 |
| 15° | 554.5 | 550.1 | 535.6 | 492.0 | 461.4 | 432.4 | 412.6 | 402.3 | 406.3 | 411.4 | 399.9 |
| 17.5° | 570.8 | 566.2 | 548.4 | 499.8 | 463.1 | 424.3 | 395.3 | 391.0 | 411.0 | 434.3 | 429.0 |
| 20° | 584.4 | 579.3 | 558.7 | 503.6 | 460.1 | 408.8 | 373.0 | 380.6 | 407.1 | 434.9 | 443.4 |
| 22.5° | 599.2 | 595.0 | 570.2 | 509.1 | 456.3 | 387.4 | 354.3 | 372.8 | 400.3 | 424.7 | 437.5 |
| 25° | 622.8 | 617.7 | 588.2 | 518.7 | 454.4 | 367.3 | 340.8 | 365.2 | 390.8 | 412.9 | 423.0 |
| 27.5° | 657.1 | 647.6 | 612.8 | 535.6 | 456.5 | 348.4 | 332.3 | 356.0 | 379.8 | 398.7 | 406.9 |
| 30° | 694.3 | 683.0 | 640.0 | 553.0 | 459.5 | 336.9 | 327.8 | 345.4 | 363.0 | 381.9 | 390.8 |
| 32.5° | 738.4 | 728.4 | 669.2 | 566.0 | 453.1 | 331.6 | 324.4 | 333.8 | 347.8 | 363.0 | 370.4 |
| 35° | 791.1 | 773.1 | 701.0 | 576.6 | 432.2 | 323.8 | 321.3 | 321.2 | 328.5 | 343.3 | 351.6 |
| 37.5° | 847.6 | 828.3 | 740.1 | 588.0 | 399.9 | 311.5 | 314.2 | 306.2 | 313.0 | 324.7 | 334.2 |
| 40° | 894.0 | 873.8 | 779.7 | 603.5 | 359.4 | 292.2 | 298.3 | 289.7 | 293.9 | 306.0 | 316.6 |
| 42.5° | 939.4 | 917.8 | 816.6 | 621.1 | 320.2 | 273.3 | 276.3 | 273.1 | 274.4 | 287.1 | 301.8 |
| 45° | 999.0 | 974.8 | 862.0 | 633.6 | 285.0 | 258.3 | 255.5 | 250.0 | 257.0 | 273.5 | 289.2 |
| 47.5° | 1098.6 | 1069.6 | 936.4 | 641.7 | 259.5 | 249.8 | 236.7 | 233.5 | 242.2 | 260.6 | 276.9 |
| 50° | 1215.0 | 1190.0 | 1055.2 | 641.4 | 240.3 | 242.6 | 218.6 | 215.7 | 230.1 | 248.7 | 265.9 |
| 52.5° | 1310.3 | 1285.0 | 1156.9 | 622.4 | 224.6 | 227.3 | 208.0 | 200.0 | 219.7 | 236.9 | 254.2 |
| 55° | 1387.4 | 1358.8 | 1203.6 | 543.3 | 204.8 | 202.9 | 196.4 | 181.9 | 206.7 | 225.2 | 241.3 |
| 57.5° | 1345.9 | 1311.9 | 1147.0 | 413.1 | 184.3 | 172.4 | 176.6 | 165.8 | 188.9 | 212.1 | 227.7 |
| 60° | 1128.5 | 1097.8 | 931.9 | 219.9 | 162.2 | 144.0 | 152.7 | 154.4 | 169.4 | 196.4 | 212.3 |
| 62.5° | 775.2 | 752.8 | 631.5 | 133.4 | 127.9 | 115.6 | 129.3 | 141.6 | 152.7 | 175.6 | 189.4 |
| 65° | 379.3 | 372.6 | 315.9 | 85.5 | 89.5 | 93.5 | 107.1 | 122.1 | 138.5 | 158.6 | 173.2 |
| 67.5° | 104.5 | 105.2 | 95.8 | 66.8 | 70.6 | 81.6 | 92.4 | 104.3 | 120.7 | 139.3 | 154.0 |
| 70° | 46.0 | 46.7 | 48.3 | 51.5 | 58.7 | 68.7 | 79.9 | 92.2 | 107.3 | 122.8 | 137.0 |
| 72.5° | 32.0 | 32.7 | 35.0 | 39.2 | 45.6 | 55.1 | 65.7 | 77.4 | 93.1 | 106.2 | 117.9 |
| 75° | 19.7 | 20.2 | 22.3 | 25.9 | 30.3 | 37.5 | 47.9 | 58.7 | 72.5 | 84.4 | 94.8 |
| 77.5° | 10.4 | 10.0 | 11.4 | 13.8 | 17.6 | 21.4 | 28.4 | 35.2 | 45.0 | 54.7 | 63.4 |
| 80° | 5.7 | 5.5 | 6.2 | 7.6 | 8.7 | 11.7 | 16.5 | 21.0 | 26.7 | 32.2 | 36.9 |
| 82.5° | 2.5 | 2.3 | 2.5 | 3.2 | 4.0 | 5.7 | 8.3 | 11.5 | 14.8 | 18.5 | 21.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.2 | 0.9 | 1.5 | 2.8 | 4.2 | 6.1 | 8.3 | 10.2 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 1.7 |
| 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: GWS-SA1B-722-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 |
| 2.5° | 397.8 | 393.1 | 392.7 | 388.9 | 389.3 | 389.5 | 385.7 | 384.2 | 385.5 | 387.0 | 386.3 |
| 5° | 380.4 | 375.5 | 373.4 | 369.8 | 369.4 | 367.7 | 366.2 | 364.3 | 365.6 | 367.0 | 367.7 |
| 7.5° | 365.2 | 362.0 | 360.7 | 359.8 | 360.1 | 359.4 | 356.4 | 354.6 | 354.5 | 355.0 | 355.8 |
| 10° | 360.3 | 357.7 | 359.4 | 362.0 | 363.9 | 365.2 | 362.0 | 359.2 | 356.5 | 355.4 | 355.4 |
| 12.5° | 370.9 | 367.5 | 370.9 | 373.8 | 377.5 | 378.5 | 374.9 | 371.9 | 370.9 | 372.1 | 374.3 |
| 15° | 394.4 | 386.4 | 386.3 | 388.0 | 391.0 | 392.5 | 389.1 | 387.6 | 387.6 | 394.8 | 400.4 |
| 17.5° | 417.9 | 404.8 | 399.3 | 398.4 | 400.3 | 400.8 | 398.0 | 396.7 | 400.1 | 414.1 | 424.7 |
| 20° | 434.3 | 418.4 | 406.5 | 404.2 | 404.8 | 405.0 | 402.7 | 401.8 | 406.7 | 423.7 | 432.6 |
| 22.5° | 432.6 | 420.9 | 406.3 | 403.5 | 404.4 | 404.0 | 402.0 | 401.6 | 405.6 | 420.3 | 424.5 |
| 25° | 420.9 | 411.8 | 399.5 | 397.6 | 399.1 | 398.9 | 396.9 | 395.9 | 397.6 | 407.4 | 407.8 |
| 27.5° | 407.4 | 399.5 | 388.9 | 388.3 | 390.8 | 392.1 | 388.5 | 385.7 | 385.1 | 391.7 | 390.2 |
| 30° | 391.4 | 385.5 | 377.0 | 377.4 | 381.9 | 382.7 | 378.3 | 374.1 | 373.0 | 376.6 | 374.5 |
| 32.5° | 372.2 | 370.4 | 365.8 | 366.8 | 371.1 | 372.6 | 368.1 | 363.7 | 362.4 | 363.5 | 359.2 |
| 35° | 356.0 | 355.2 | 355.6 | 357.3 | 361.1 | 362.2 | 358.4 | 355.0 | 353.1 | 349.2 | 343.5 |
| 37.5° | 339.1 | 341.2 | 346.7 | 349.9 | 352.0 | 351.6 | 349.5 | 347.1 | 344.1 | 336.7 | 329.7 |
| 40° | 323.4 | 328.7 | 338.6 | 342.2 | 342.9 | 343.1 | 341.6 | 339.5 | 335.7 | 325.9 | 317.9 |
| 42.5° | 311.3 | 317.2 | 330.2 | 335.7 | 336.1 | 336.5 | 335.0 | 333.3 | 328.0 | 314.9 | 307.1 |
| 45° | 298.6 | 306.4 | 321.7 | 328.3 | 328.0 | 327.8 | 326.5 | 325.7 | 319.4 | 304.3 | 295.8 |
| 47.5° | 287.8 | 296.9 | 313.4 | 319.1 | 318.9 | 318.7 | 317.7 | 317.7 | 311.5 | 295.0 | 285.4 |
| 50° | 277.2 | 287.7 | 304.9 | 309.6 | 310.0 | 309.6 | 309.2 | 309.8 | 302.4 | 284.8 | 275.4 |
| 52.5° | 265.7 | 277.4 | 295.4 | 299.8 | 302.0 | 303.0 | 303.0 | 301.7 | 293.0 | 274.6 | 264.2 |
| 55° | 253.0 | 264.2 | 285.0 | 290.9 | 292.8 | 294.5 | 294.5 | 291.8 | 283.7 | 265.1 | 254.0 |
| 57.5° | 237.3 | 247.2 | 263.6 | 269.5 | 274.0 | 275.2 | 275.2 | 270.8 | 264.2 | 246.4 | 237.3 |
| 60° | 220.3 | 228.8 | 240.0 | 246.2 | 249.6 | 247.3 | 249.0 | 247.9 | 242.6 | 226.2 | 218.6 |
| 62.5° | 197.6 | 206.3 | 218.6 | 225.0 | 226.5 | 224.3 | 226.5 | 226.3 | 219.1 | 204.4 | 195.3 |
| 65° | 181.3 | 189.8 | 201.9 | 210.3 | 212.7 | 212.1 | 213.7 | 211.4 | 202.5 | 188.5 | 179.8 |
| 67.5° | 162.0 | 171.1 | 185.1 | 194.4 | 199.5 | 200.0 | 202.1 | 197.4 | 188.3 | 173.0 | 162.0 |
| 70° | 143.6 | 151.4 | 162.2 | 170.9 | 178.1 | 181.7 | 182.1 | 175.2 | 163.9 | 151.2 | 143.3 |
| 72.5° | 124.3 | 132.3 | 145.3 | 154.8 | 163.9 | 168.1 | 168.1 | 159.7 | 147.4 | 133.4 | 124.9 |
| 75° | 100.9 | 108.2 | 120.2 | 130.4 | 140.8 | 146.1 | 145.9 | 138.7 | 125.1 | 111.8 | 103.0 |
| 77.5° | 68.3 | 73.8 | 81.4 | 89.1 | 90.6 | 94.8 | 96.9 | 87.8 | 80.2 | 73.0 | 65.1 |
| 80° | 39.7 | 43.1 | 47.3 | 51.7 | 52.6 | 53.9 | 50.5 | 47.1 | 43.1 | 38.4 | 34.8 |
| 82.5° | 23.3 | 25.5 | 27.6 | 31.0 | 31.6 | 32.0 | 29.0 | 27.4 | 24.2 | 21.4 | 19.1 |
| 85° | 11.4 | 12.1 | 14.0 | 15.7 | 15.0 | 14.6 | 13.2 | 11.7 | 10.4 | 9.3 | 8.1 |
| 87.5° | 2.3 | 2.3 | 3.4 | 3.2 | 2.6 | 2.3 | 1.3 | 1.7 | 0.4 | 0.4 | 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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CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 |
| 2.5° | 388.7 | 391.9 | 395.9 | 401.2 | 407.3 | 413.7 | 419.9 | 424.7 | 429.4 | 436.4 | 435.3 |
| 5° | 368.8 | 374.3 | 380.6 | 388.7 | 398.6 | 409.7 | 422.2 | 434.7 | 448.1 | 459.5 | 464.4 |
| 7.5° | 357.3 | 363.4 | 370.7 | 381.3 | 394.0 | 407.6 | 425.2 | 445.5 | 467.3 | 482.2 | 491.5 |
| 10° | 357.3 | 365.1 | 374.7 | 384.9 | 396.1 | 410.1 | 431.9 | 457.2 | 485.2 | 504.9 | 515.7 |
| 12.5° | 377.9 | 385.7 | 387.8 | 387.4 | 393.6 | 409.2 | 437.2 | 469.5 | 503.0 | 523.8 | 537.1 |
| 15° | 410.1 | 412.7 | 397.0 | 382.7 | 383.6 | 402.3 | 439.6 | 479.4 | 518.3 | 543.3 | 557.7 |
| 17.5° | 431.7 | 424.7 | 396.7 | 371.5 | 366.2 | 390.8 | 439.6 | 488.8 | 534.6 | 562.8 | 576.3 |
| 20° | 433.4 | 416.0 | 387.0 | 360.7 | 347.1 | 375.5 | 436.6 | 496.0 | 550.3 | 581.6 | 595.9 |
| 22.5° | 418.4 | 401.2 | 376.8 | 351.4 | 331.4 | 356.9 | 431.7 | 501.5 | 563.8 | 599.2 | 616.9 |
| 25° | 401.4 | 387.0 | 366.4 | 342.0 | 320.6 | 338.2 | 427.1 | 510.8 | 582.5 | 623.0 | 641.0 |
| 27.5° | 384.7 | 372.6 | 353.9 | 334.0 | 314.5 | 321.9 | 424.3 | 524.4 | 604.8 | 656.9 | 672.4 |
| 30° | 368.5 | 357.5 | 340.5 | 326.5 | 311.3 | 311.3 | 421.8 | 540.1 | 634.4 | 694.9 | 710.4 |
| 32.5° | 352.0 | 341.6 | 327.8 | 319.1 | 309.4 | 307.1 | 415.0 | 554.9 | 664.8 | 736.6 | 752.4 |
| 35° | 336.7 | 326.3 | 315.7 | 312.1 | 308.5 | 303.9 | 398.2 | 566.4 | 694.5 | 785.2 | 798.8 |
| 37.5° | 322.3 | 312.3 | 304.3 | 303.4 | 303.7 | 295.2 | 371.7 | 576.1 | 731.6 | 835.0 | 842.2 |
| 40° | 309.8 | 298.6 | 292.4 | 292.2 | 294.1 | 281.2 | 338.2 | 589.9 | 774.0 | 877.2 | 874.1 |
| 42.5° | 298.6 | 286.9 | 279.3 | 281.0 | 279.9 | 267.2 | 305.4 | 602.6 | 810.9 | 916.7 | 910.7 |
| 45° | 287.7 | 276.3 | 265.7 | 268.2 | 266.8 | 258.5 | 277.6 | 611.8 | 851.8 | 964.2 | 965.0 |
| 47.5° | 277.1 | 265.9 | 255.3 | 252.3 | 252.1 | 255.9 | 256.2 | 614.9 | 918.4 | 1040.7 | 1023.4 |
| 50° | 267.2 | 256.1 | 245.1 | 234.9 | 238.8 | 250.6 | 240.3 | 612.6 | 1018.2 | 1125.1 | 1077.0 |
| 52.5° | 257.0 | 246.4 | 234.3 | 215.9 | 226.3 | 237.9 | 226.2 | 604.5 | 1079.1 | 1199.6 | 1170.9 |
| 55° | 245.3 | 235.2 | 218.8 | 196.4 | 209.1 | 211.6 | 211.6 | 525.7 | 1105.0 | 1273.4 | 1291.2 |
| 57.5° | 229.6 | 216.3 | 190.2 | 172.2 | 183.6 | 174.1 | 196.1 | 367.9 | 1062.2 | 1250.2 | 1319.2 |
| 60° | 211.8 | 197.6 | 169.9 | 157.1 | 160.5 | 143.8 | 167.1 | 230.7 | 880.4 | 1063.8 | 1183.4 |
| 62.5° | 188.3 | 175.2 | 152.3 | 142.3 | 135.3 | 117.3 | 134.6 | 145.9 | 603.5 | 789.9 | 871.5 |
| 65° | 172.6 | 158.2 | 137.8 | 124.5 | 110.1 | 94.4 | 89.3 | 95.8 | 324.6 | 442.1 | 497.2 |
| 67.5° | 154.0 | 139.9 | 120.6 | 103.9 | 92.4 | 81.0 | 72.1 | 69.8 | 111.3 | 147.2 | 159.3 |
| 70° | 136.4 | 122.8 | 106.7 | 91.2 | 79.7 | 68.5 | 59.8 | 53.6 | 51.5 | 51.1 | 50.3 |
| 72.5° | 118.5 | 105.8 | 92.4 | 78.0 | 65.3 | 55.1 | 47.3 | 40.1 | 37.1 | 36.1 | 35.2 |
| 75° | 97.1 | 87.1 | 73.6 | 58.1 | 47.9 | 38.4 | 32.4 | 27.6 | 25.0 | 24.0 | 22.9 |
| 77.5° | 62.5 | 57.9 | 46.2 | 37.5 | 29.0 | 22.9 | 19.7 | 16.7 | 15.0 | 14.6 | 13.6 |
| 80° | 33.3 | 31.0 | 25.5 | 21.6 | 17.2 | 14.0 | 12.3 | 10.6 | 9.7 | 9.3 | 8.9 |
| 82.5° | 18.5 | 16.8 | 14.2 | 12.5 | 10.0 | 8.5 | 7.6 | 6.8 | 6.2 | 6.1 | 5.9 |
| 85° | 8.3 | 7.2 | 5.7 | 5.3 | 4.7 | 4.4 | 4.2 | 3.8 | 3.6 | 3.4 | 3.2 |
| 87.5° | 0.4 | 0.8 | 0.9 | 0.8 | 0.8 | 1.1 | 1.3 | 1.3 | 1.1 | 1.1 | 0.9 |
| 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: P629132

CATALOG NUMBER: GWS-SA1B-722-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 | 414.5 |
| 2.5° | 442.3 | 447.9 | 448.5 | 450.4 | 447.9 | 447.4 | 443.4 | 441.1 | 439.1 | 438.5 |
| 5° | 476.7 | 488.1 | 492.6 | 495.8 | 492.8 | 491.3 | 482.6 | 473.5 | 468.4 | 465.9 |
| 7.5° | 512.1 | 529.1 | 538.0 | 542.0 | 542.4 | 535.6 | 520.6 | 503.6 | 495.1 | 491.9 |
| 10° | 543.7 | 564.7 | 576.4 | 584.0 | 581.4 | 573.0 | 552.6 | 529.5 | 518.7 | 515.9 |
| 12.5° | 567.2 | 587.2 | 596.3 | 601.2 | 601.0 | 596.5 | 577.2 | 552.2 | 539.9 | 537.1 |
| 15° | 582.3 | 594.2 | 594.8 | 595.9 | 599.2 | 605.2 | 595.2 | 572.1 | 558.5 | 554.5 |
| 17.5° | 594.2 | 589.5 | 580.6 | 577.6 | 584.8 | 601.6 | 607.7 | 588.9 | 574.2 | 570.8 |
| 20° | 601.8 | 578.0 | 562.3 | 556.4 | 564.7 | 592.2 | 615.2 | 604.1 | 588.7 | 584.4 |
| 22.5° | 607.7 | 567.2 | 541.8 | 537.8 | 546.5 | 581.9 | 623.0 | 622.1 | 605.2 | 599.2 |
| 25° | 616.9 | 560.0 | 527.4 | 524.6 | 532.7 | 577.0 | 633.4 | 646.5 | 631.5 | 622.8 |
| 27.5° | 631.5 | 559.2 | 520.1 | 519.1 | 530.3 | 581.4 | 648.4 | 682.2 | 663.5 | 657.1 |
| 30° | 651.8 | 566.4 | 521.8 | 523.6 | 537.3 | 597.1 | 671.6 | 723.1 | 704.4 | 694.3 |
| 32.5° | 680.9 | 585.7 | 547.7 | 555.8 | 565.8 | 622.2 | 705.7 | 767.4 | 753.2 | 738.4 |
| 35° | 719.3 | 638.7 | 624.3 | 659.0 | 649.5 | 677.3 | 746.8 | 821.1 | 803.9 | 791.1 |
| 37.5° | 770.6 | 747.3 | 760.6 | 808.3 | 785.4 | 781.4 | 796.9 | 870.0 | 860.5 | 847.6 |
| 40° | 842.5 | 847.3 | 871.7 | 934.3 | 901.2 | 875.6 | 858.4 | 906.7 | 909.9 | 894.0 |
| 42.5° | 890.2 | 912.0 | 970.8 | 1042.0 | 996.4 | 935.3 | 909.9 | 953.6 | 953.8 | 939.4 |
| 45° | 908.0 | 965.0 | 1088.0 | 1169.9 | 1093.7 | 969.3 | 938.3 | 1017.4 | 1015.5 | 999.0 |
| 47.5° | 901.6 | 1009.6 | 1209.7 | 1335.0 | 1218.6 | 993.5 | 934.3 | 1108.2 | 1123.6 | 1098.6 |
| 50° | 888.1 | 1054.5 | 1351.8 | 1537.1 | 1371.9 | 1019.3 | 928.3 | 1208.9 | 1234.3 | 1215.0 |
| 52.5° | 901.8 | 1104.4 | 1519.8 | 1746.0 | 1564.1 | 1060.4 | 969.1 | 1338.2 | 1333.6 | 1310.3 |
| 55° | 944.9 | 1163.5 | 1724.0 | 2008.5 | 1775.3 | 1129.8 | 1074.2 | 1461.4 | 1415.2 | 1387.4 |
| 57.5° | 942.8 | 1205.7 | 1903.1 | 2216.1 | 1959.1 | 1186.8 | 1110.7 | 1474.4 | 1381.1 | 1345.9 |
| 60° | 855.8 | 1186.4 | 1971.2 | 2347.4 | 2014.5 | 1155.4 | 990.5 | 1317.0 | 1165.4 | 1128.5 |
| 62.5° | 638.7 | 1052.8 | 1839.1 | 2183.0 | 1857.7 | 997.9 | 744.9 | 945.3 | 837.4 | 775.2 |
| 65° | 408.6 | 823.6 | 1546.2 | 1768.5 | 1531.2 | 763.2 | 443.6 | 506.8 | 397.0 | 379.3 |
| 67.5° | 173.9 | 581.4 | 1201.9 | 1182.0 | 1145.5 | 494.5 | 171.3 | 142.7 | 106.4 | 104.5 |
| 70° | 57.5 | 395.5 | 740.9 | 788.4 | 684.1 | 340.6 | 56.6 | 47.9 | 47.7 | 46.0 |
| 72.5° | 37.7 | 212.3 | 417.1 | 464.4 | 440.2 | 196.1 | 34.3 | 32.0 | 32.7 | 32.0 |
| 75° | 22.5 | 46.2 | 70.2 | 91.2 | 70.2 | 32.9 | 20.6 | 20.2 | 20.6 | 19.7 |
| 77.5° | 13.2 | 12.9 | 12.5 | 12.5 | 12.3 | 11.4 | 10.4 | 10.0 | 10.2 | 10.4 |
| 80° | 8.5 | 8.1 | 7.8 | 7.6 | 6.6 | 6.2 | 5.9 | 5.5 | 5.5 | 5.7 |
| 82.5° | 5.5 | 5.1 | 4.7 | 4.2 | 3.4 | 2.8 | 2.6 | 2.3 | 2.3 | 2.5 |
| 85° | 2.8 | 2.3 | 1.7 | 1.3 | 0.8 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.6 | 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 |

(END OF REPORT)