

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: P629846

Luminaire Tested: GWS-SA1C-740-U-SLL-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P629846
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-38)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA1C-740-U-SLL-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2577.4 lumens
Efficiency: N/A
Efficacy: 75.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G0

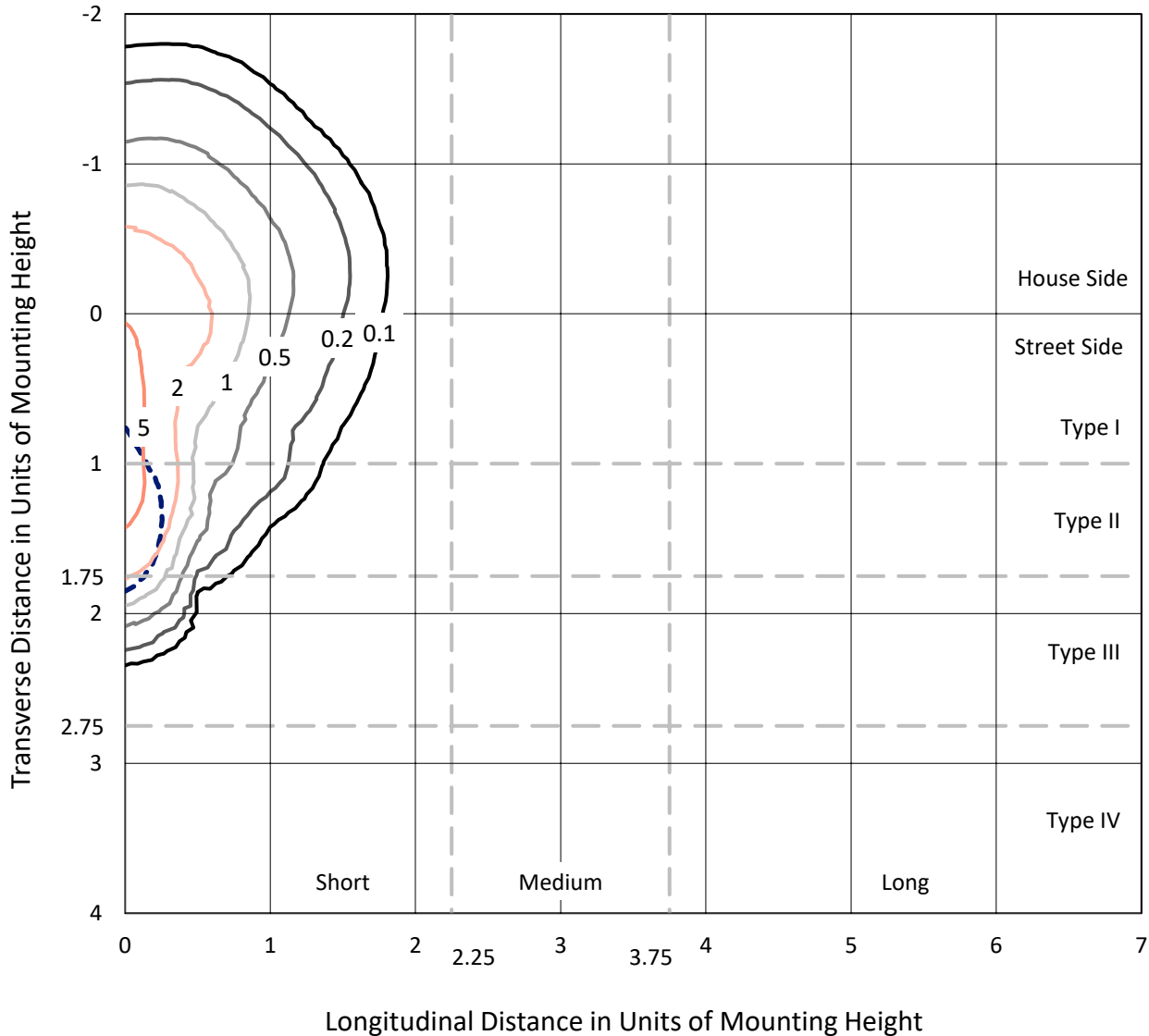
Input Watts (W): 34.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P629846
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Iso-Footcandle Lines of Horizontal Illumination

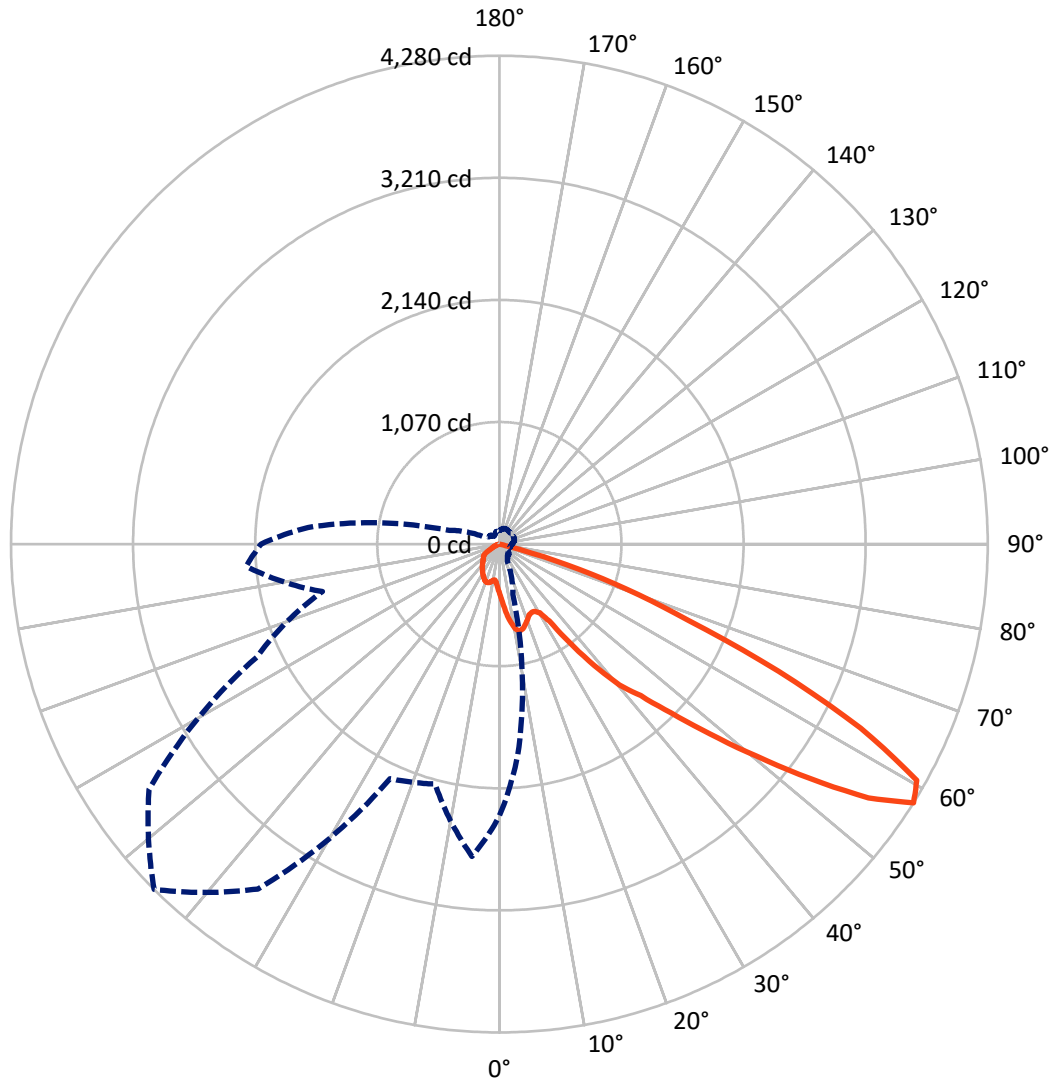
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 555.3 | 0.0 | 555.3 |
| | % Fixture | 21.5 | 0.0 | 21.5 |
| Street Side | Lumens | 2022.1 | 0.0 | 2022.1 |
| | % Fixture | 78.5 | 0.0 | 78.5 |
| Total | Lumens | 2577.4 | 0.0 | 2577.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 43.3 | 1.7 |
| 10°-20° | 142.4 | 5.5 |
| 20°-30° | 231.1 | 9.0 |
| 30°-40° | 354.8 | 13.8 |
| 40°-50° | 566.6 | 22.0 |
| 50°-60° | 793.3 | 30.8 |
| 60°-70° | 406.7 | 15.8 |
| 70°-80° | 39.2 | 1.5 |
| 80°-90° | 0.0 | 0.0 |
| 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° | 2577.4 | 100.0 |
| 0°-180° | 2577.4 | 100.0 |

Coefficient of Utilization



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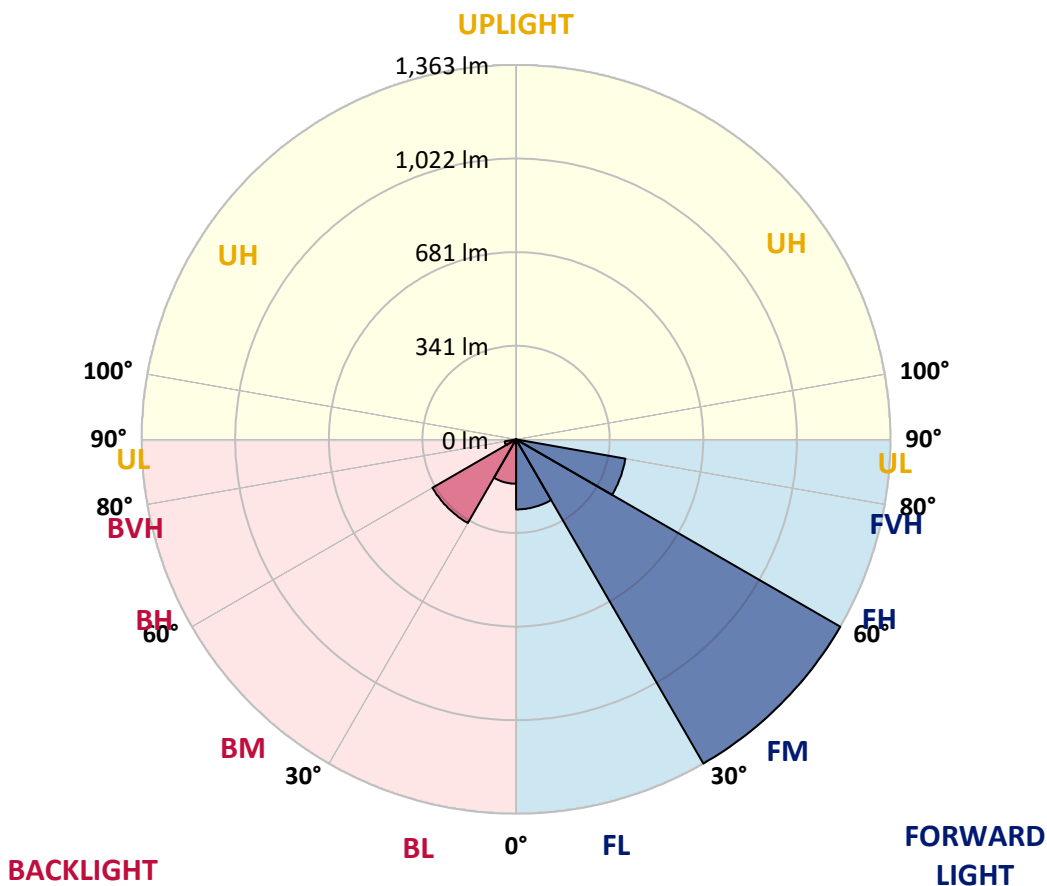
CATALOG NUMBER: GWS-SA1C-740-U-SLL-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|--------|
| | | | B | U | G |
| FL (0°-30°) | 255.2 | 9.9 | | | |
| FM (30°-60°) | 1363.0 | 52.9 | | | |
| FH (60°-80°) | 404.0 | 15.7 | | | G0/660 |
| FVH (80°-90°) | 0.0 | 0.0 | | | G0/10 |
| BL (0°-30°) | 161.7 | 6.3 | B1/500 | | |
| BM (30°-60°) | 351.6 | 13.6 | B1/1000 | | |
| BH (60°-80°) | 41.9 | 1.6 | B0/110 | | G0/110 |
| BVH (80°-90°) | 0.0 | 0.0 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G0

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 |
| 2.5° | 486.5 | 485.5 | 482.0 | 470.3 | 463.1 | 451.7 | 443.5 | 432.8 | 421.1 | 413.8 | 406.6 |
| 5° | 538.2 | 535.4 | 526.1 | 499.3 | 478.6 | 456.2 | 438.3 | 418.6 | 397.6 | 383.8 | 371.1 |
| 7.5° | 587.8 | 583.7 | 571.3 | 525.8 | 494.4 | 462.4 | 436.9 | 408.3 | 378.7 | 358.0 | 342.2 |
| 10° | 636.4 | 627.1 | 607.5 | 551.6 | 509.3 | 470.7 | 440.7 | 408.0 | 373.2 | 347.0 | 329.4 |
| 12.5° | 676.4 | 669.5 | 642.6 | 576.1 | 521.7 | 472.4 | 435.5 | 405.2 | 381.8 | 364.2 | 348.0 |
| 15° | 710.8 | 703.3 | 677.8 | 598.2 | 532.3 | 465.5 | 413.8 | 387.3 | 391.1 | 398.0 | 384.2 |
| 17.5° | 742.5 | 734.6 | 707.0 | 616.4 | 536.5 | 448.6 | 383.5 | 370.7 | 391.8 | 417.6 | 412.4 |
| 20° | 775.3 | 766.3 | 732.5 | 631.2 | 535.1 | 422.1 | 352.8 | 356.6 | 386.3 | 415.9 | 418.6 |
| 22.5° | 813.5 | 804.2 | 764.9 | 650.2 | 534.1 | 390.4 | 326.3 | 344.2 | 375.9 | 401.1 | 405.9 |
| 25° | 864.2 | 853.1 | 810.1 | 678.1 | 536.8 | 361.4 | 307.3 | 332.2 | 358.3 | 381.1 | 383.8 |
| 27.5° | 931.0 | 916.9 | 862.1 | 712.6 | 542.7 | 338.7 | 299.1 | 315.6 | 335.9 | 356.3 | 358.7 |
| 30° | 1018.2 | 1000.3 | 921.7 | 742.5 | 539.9 | 322.9 | 293.6 | 299.1 | 311.1 | 327.7 | 328.0 |
| 32.5° | 1120.2 | 1095.7 | 988.5 | 768.4 | 516.2 | 311.1 | 286.0 | 282.2 | 285.0 | 297.7 | 300.1 |
| 35° | 1240.1 | 1208.4 | 1062.3 | 792.8 | 472.7 | 288.4 | 272.2 | 259.5 | 258.4 | 264.6 | 270.5 |
| 37.5° | 1377.6 | 1339.7 | 1155.3 | 824.2 | 421.4 | 264.6 | 251.9 | 239.1 | 233.6 | 236.7 | 245.7 |
| 40° | 1504.4 | 1462.3 | 1252.5 | 862.1 | 369.0 | 243.3 | 228.1 | 215.0 | 208.5 | 209.5 | 220.5 |
| 42.5° | 1653.2 | 1609.8 | 1371.4 | 911.7 | 325.6 | 228.8 | 203.3 | 189.9 | 181.2 | 186.1 | 198.8 |
| 45° | 1879.2 | 1830.0 | 1544.7 | 954.8 | 291.2 | 225.3 | 181.6 | 162.6 | 158.5 | 166.8 | 181.9 |
| 47.5° | 2188.0 | 2127.7 | 1782.8 | 981.0 | 261.9 | 228.4 | 166.4 | 140.6 | 141.6 | 150.9 | 166.1 |
| 50° | 2494.3 | 2429.2 | 2058.1 | 946.5 | 237.7 | 222.2 | 158.8 | 123.4 | 129.9 | 138.2 | 152.0 |
| 52.5° | 2704.8 | 2620.1 | 2192.1 | 846.9 | 215.7 | 198.8 | 158.2 | 107.2 | 119.6 | 122.3 | 134.0 |
| 55° | 2713.1 | 2608.7 | 2123.5 | 667.8 | 185.7 | 167.8 | 150.9 | 93.7 | 108.2 | 109.2 | 119.2 |
| 57.5° | 2378.2 | 2283.8 | 1855.8 | 458.6 | 165.0 | 123.0 | 120.3 | 82.0 | 88.9 | 97.5 | 103.7 |
| 60° | 1809.3 | 1729.0 | 1387.9 | 210.2 | 125.4 | 78.2 | 82.4 | 70.6 | 66.5 | 79.2 | 85.5 |
| 62.5° | 1108.1 | 1056.8 | 832.5 | 93.0 | 79.9 | 41.7 | 50.0 | 56.2 | 50.0 | 54.8 | 60.0 |
| 65° | 440.0 | 417.3 | 316.0 | 39.6 | 32.7 | 21.0 | 22.7 | 32.7 | 35.1 | 38.6 | 43.4 |
| 67.5° | 76.5 | 72.4 | 53.1 | 17.6 | 13.4 | 12.7 | 11.0 | 15.2 | 21.4 | 23.8 | 27.6 |
| 70° | 10.0 | 9.6 | 8.6 | 7.2 | 6.9 | 6.2 | 4.8 | 9.6 | 14.5 | 15.2 | 17.6 |
| 72.5° | 2.4 | 2.1 | 2.1 | 1.7 | 2.1 | 0.7 | 0.7 | 5.2 | 10.3 | 10.7 | 12.4 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 6.5 | 7.2 | 8.6 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 0.0 |



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CATALOG NUMBER: GWS-SA1C-740-U-SLL-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 |
| 2.5° | 400.7 | 393.8 | 391.4 | 388.0 | 383.5 | 384.9 | 378.7 | 376.6 | 379.7 | 383.8 | 382.8 |
| 5° | 364.2 | 356.6 | 351.5 | 343.5 | 342.2 | 339.0 | 337.0 | 334.2 | 337.7 | 342.5 | 343.5 |
| 7.5° | 335.3 | 328.7 | 323.5 | 321.1 | 319.4 | 318.0 | 313.9 | 311.8 | 311.8 | 313.9 | 315.6 |
| 10° | 322.9 | 318.0 | 317.0 | 317.7 | 320.4 | 320.1 | 316.3 | 313.6 | 310.1 | 308.4 | 310.5 |
| 12.5° | 340.1 | 332.2 | 330.8 | 331.1 | 334.6 | 334.2 | 330.1 | 326.6 | 326.0 | 326.6 | 333.2 |
| 15° | 369.4 | 357.3 | 348.4 | 346.6 | 348.4 | 347.7 | 344.6 | 342.5 | 343.5 | 353.5 | 364.5 |
| 17.5° | 395.6 | 377.0 | 360.8 | 354.6 | 354.2 | 353.2 | 350.1 | 349.4 | 354.6 | 373.2 | 389.4 |
| 20° | 403.1 | 384.9 | 361.8 | 353.9 | 352.1 | 351.1 | 347.7 | 348.7 | 355.2 | 377.6 | 391.4 |
| 22.5° | 393.1 | 375.6 | 351.5 | 343.5 | 342.2 | 341.8 | 338.4 | 339.7 | 345.3 | 364.9 | 376.3 |
| 25° | 374.2 | 359.4 | 334.2 | 327.3 | 327.3 | 326.6 | 323.5 | 324.2 | 327.7 | 344.9 | 355.9 |
| 27.5° | 351.1 | 337.0 | 316.0 | 309.1 | 310.1 | 311.1 | 307.3 | 306.3 | 309.1 | 325.3 | 331.8 |
| 30° | 324.6 | 314.6 | 298.0 | 291.8 | 291.5 | 295.6 | 290.5 | 289.1 | 292.9 | 305.6 | 307.0 |
| 32.5° | 298.7 | 293.9 | 282.2 | 277.4 | 277.7 | 278.4 | 275.6 | 275.6 | 279.1 | 286.0 | 285.6 |
| 35° | 273.6 | 270.5 | 268.4 | 265.0 | 264.6 | 263.2 | 263.2 | 263.9 | 267.7 | 270.1 | 265.7 |
| 37.5° | 249.5 | 252.6 | 255.0 | 251.5 | 248.8 | 248.8 | 248.8 | 251.9 | 255.3 | 254.3 | 246.7 |
| 40° | 228.1 | 234.6 | 242.2 | 238.4 | 231.9 | 231.5 | 232.9 | 238.1 | 243.3 | 237.1 | 230.2 |
| 42.5° | 209.8 | 218.1 | 228.8 | 226.7 | 219.5 | 218.5 | 219.5 | 226.0 | 230.2 | 222.2 | 214.7 |
| 45° | 191.9 | 202.3 | 215.0 | 215.0 | 207.1 | 206.0 | 206.4 | 215.0 | 217.4 | 208.1 | 198.5 |
| 47.5° | 176.8 | 188.1 | 201.6 | 201.6 | 195.0 | 193.0 | 194.7 | 203.6 | 205.4 | 192.3 | 183.3 |
| 50° | 162.3 | 174.7 | 189.5 | 188.5 | 184.0 | 182.3 | 185.4 | 195.0 | 193.0 | 178.5 | 169.2 |
| 52.5° | 144.0 | 157.1 | 177.4 | 178.5 | 176.1 | 176.4 | 180.2 | 186.4 | 180.6 | 163.0 | 155.1 |
| 55° | 127.5 | 140.9 | 161.3 | 166.8 | 166.8 | 166.4 | 168.1 | 173.0 | 168.1 | 147.1 | 137.5 |
| 57.5° | 109.6 | 120.9 | 137.8 | 139.2 | 140.2 | 136.4 | 138.9 | 145.4 | 143.0 | 125.1 | 119.6 |
| 60° | 89.9 | 99.6 | 109.2 | 110.3 | 105.8 | 97.9 | 102.3 | 109.9 | 111.6 | 98.2 | 92.0 |
| 62.5° | 63.7 | 73.0 | 84.4 | 84.4 | 79.9 | 72.0 | 77.9 | 84.4 | 82.0 | 68.2 | 64.4 |
| 65° | 47.5 | 56.2 | 64.8 | 68.6 | 64.8 | 59.3 | 63.7 | 68.6 | 64.8 | 53.4 | 47.9 |
| 67.5° | 30.7 | 36.5 | 41.7 | 44.8 | 45.5 | 44.8 | 46.9 | 45.5 | 41.0 | 33.4 | 30.3 |
| 70° | 18.6 | 21.7 | 24.5 | 27.2 | 29.3 | 30.3 | 31.4 | 28.3 | 23.8 | 19.6 | 18.6 |
| 72.5° | 13.4 | 16.2 | 18.6 | 20.7 | 23.1 | 23.8 | 23.8 | 21.7 | 17.6 | 13.8 | 12.7 |
| 75° | 9.3 | 11.7 | 13.8 | 15.2 | 17.2 | 17.9 | 17.9 | 16.2 | 13.1 | 10.0 | 9.0 |
| 77.5° | 0.3 | 2.4 | 2.4 | 2.1 | 2.8 | 3.4 | 3.4 | 4.1 | 3.8 | 2.8 | 2.4 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 0.0 |



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CATALOG NUMBER: GWS-SA1C-740-U-SLL-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 |
| 2.5° | 384.9 | 397.3 | 400.7 | 413.5 | 424.8 | 436.2 | 450.0 | 458.3 | 470.7 | 479.3 | 484.1 |
| 5° | 347.0 | 357.3 | 369.7 | 388.7 | 408.3 | 430.0 | 456.2 | 478.9 | 507.5 | 528.6 | 535.4 |
| 7.5° | 319.4 | 332.8 | 347.3 | 371.1 | 398.0 | 426.9 | 463.8 | 501.0 | 544.8 | 573.4 | 591.6 |
| 10° | 314.2 | 328.0 | 347.3 | 370.7 | 399.0 | 432.1 | 477.2 | 525.5 | 580.2 | 615.0 | 635.7 |
| 12.5° | 339.0 | 353.9 | 362.1 | 372.8 | 394.2 | 431.0 | 488.9 | 550.3 | 614.7 | 652.6 | 674.7 |
| 15° | 375.6 | 388.7 | 375.2 | 361.8 | 375.6 | 420.0 | 495.5 | 570.9 | 645.0 | 688.8 | 711.5 |
| 17.5° | 400.7 | 401.8 | 372.5 | 343.9 | 347.7 | 400.0 | 497.9 | 591.6 | 677.4 | 723.2 | 747.0 |
| 20° | 398.3 | 390.0 | 360.4 | 328.7 | 317.0 | 374.2 | 495.1 | 609.9 | 710.1 | 758.0 | 781.5 |
| 22.5° | 379.7 | 370.1 | 344.9 | 313.9 | 291.2 | 343.5 | 490.3 | 626.4 | 740.1 | 794.6 | 816.6 |
| 25° | 357.3 | 347.0 | 326.3 | 299.1 | 274.6 | 313.9 | 486.5 | 649.2 | 778.0 | 842.1 | 859.3 |
| 27.5° | 331.1 | 322.2 | 304.6 | 285.0 | 267.7 | 291.5 | 485.5 | 679.1 | 823.8 | 900.0 | 912.1 |
| 30° | 305.6 | 297.4 | 283.6 | 272.2 | 265.0 | 278.4 | 482.0 | 711.2 | 878.6 | 966.5 | 979.6 |
| 32.5° | 281.2 | 272.9 | 264.3 | 262.6 | 262.9 | 273.6 | 470.3 | 742.9 | 943.8 | 1063.0 | 1072.6 |
| 35° | 260.1 | 250.5 | 247.1 | 251.2 | 258.8 | 265.3 | 437.2 | 769.1 | 1013.7 | 1168.1 | 1176.0 |
| 37.5° | 240.2 | 230.5 | 230.2 | 240.2 | 248.4 | 252.6 | 398.3 | 794.9 | 1108.1 | 1274.9 | 1284.9 |
| 40° | 221.9 | 212.3 | 215.7 | 227.8 | 234.3 | 236.4 | 351.1 | 834.2 | 1208.0 | 1387.6 | 1382.0 |
| 42.5° | 206.4 | 196.4 | 198.5 | 214.0 | 219.8 | 225.3 | 307.7 | 866.9 | 1304.2 | 1494.4 | 1492.6 |
| 45° | 191.2 | 183.7 | 182.3 | 199.2 | 204.3 | 226.4 | 276.0 | 892.1 | 1427.9 | 1630.5 | 1633.2 |
| 47.5° | 176.4 | 170.6 | 170.9 | 178.1 | 190.9 | 231.5 | 249.1 | 908.6 | 1607.4 | 1846.2 | 1798.3 |
| 50° | 163.0 | 158.5 | 162.3 | 154.0 | 182.3 | 225.0 | 226.0 | 905.2 | 1807.9 | 2052.9 | 1956.8 |
| 52.5° | 148.2 | 147.1 | 148.9 | 128.9 | 168.5 | 198.5 | 204.3 | 859.3 | 1902.0 | 2194.2 | 2139.4 |
| 55° | 133.0 | 132.7 | 118.9 | 103.0 | 140.9 | 158.5 | 175.0 | 717.0 | 1898.9 | 2269.3 | 2335.8 |
| 57.5° | 115.1 | 112.3 | 90.3 | 84.1 | 109.6 | 110.3 | 159.5 | 469.6 | 1682.8 | 2089.4 | 2227.2 |
| 60° | 87.2 | 85.1 | 66.2 | 68.2 | 76.5 | 70.6 | 127.1 | 234.0 | 1257.7 | 1627.7 | 1783.1 |
| 62.5° | 60.3 | 57.5 | 49.3 | 52.7 | 49.3 | 40.3 | 77.9 | 115.8 | 761.8 | 1027.8 | 1168.8 |
| 65° | 44.1 | 41.0 | 33.8 | 28.9 | 23.1 | 23.1 | 29.6 | 44.4 | 294.9 | 436.9 | 526.8 |
| 67.5° | 27.2 | 25.8 | 20.0 | 14.5 | 14.1 | 15.2 | 15.5 | 22.1 | 47.5 | 75.8 | 92.7 |
| 70° | 17.6 | 16.2 | 13.4 | 9.3 | 8.6 | 9.0 | 9.3 | 10.3 | 12.1 | 13.1 | 15.8 |
| 72.5° | 12.1 | 11.4 | 9.6 | 5.2 | 4.1 | 4.5 | 4.8 | 4.8 | 5.9 | 5.5 | 6.5 |
| 75° | 8.6 | 7.9 | 6.9 | 2.4 | 1.4 | 1.7 | 2.1 | 1.7 | 2.1 | 1.4 | 1.7 |
| 77.5° | 2.4 | 2.4 | 1.7 | 0.3 | 0.0 | 0.3 | 0.7 | 0.7 | 0.3 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 0.0 |



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CATALOG NUMBER: GWS-SA1C-740-U-SLL-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 | 437.9 |
| 2.5° | 496.5 | 504.4 | 507.5 | 503.1 | 506.9 | 500.6 | 498.2 | 488.9 | 488.2 | 486.5 |
| 5° | 563.4 | 581.3 | 592.0 | 598.5 | 590.9 | 582.7 | 570.3 | 548.9 | 542.3 | 538.2 |
| 7.5° | 629.2 | 657.1 | 675.3 | 684.0 | 681.9 | 665.0 | 642.6 | 606.8 | 594.0 | 587.8 |
| 10° | 686.4 | 720.5 | 742.5 | 753.2 | 748.7 | 733.9 | 701.9 | 657.1 | 640.2 | 636.4 |
| 12.5° | 726.3 | 757.7 | 772.9 | 782.2 | 782.5 | 776.6 | 746.3 | 701.2 | 681.2 | 676.4 |
| 15° | 751.5 | 764.9 | 765.3 | 770.8 | 780.4 | 793.5 | 779.4 | 739.4 | 718.1 | 710.8 |
| 17.5° | 767.3 | 752.5 | 737.4 | 738.7 | 754.6 | 789.4 | 803.9 | 773.2 | 750.5 | 742.5 |
| 20° | 778.7 | 731.8 | 703.6 | 703.9 | 720.1 | 772.9 | 820.7 | 805.9 | 782.5 | 775.3 |
| 22.5° | 785.9 | 713.6 | 673.3 | 672.2 | 689.5 | 753.2 | 836.3 | 844.9 | 821.8 | 813.5 |
| 25° | 800.8 | 705.0 | 655.0 | 660.9 | 676.0 | 747.0 | 857.3 | 896.6 | 875.2 | 864.2 |
| 27.5° | 827.3 | 713.6 | 653.3 | 666.7 | 684.0 | 765.3 | 893.8 | 965.5 | 943.4 | 931.0 |
| 30° | 873.1 | 746.0 | 679.8 | 698.4 | 719.1 | 813.2 | 955.1 | 1061.6 | 1029.9 | 1018.2 |
| 32.5° | 946.9 | 813.2 | 761.8 | 801.8 | 821.8 | 891.7 | 1047.1 | 1169.4 | 1143.6 | 1120.2 |
| 35° | 1048.5 | 966.5 | 960.6 | 1053.7 | 1048.8 | 1040.6 | 1160.1 | 1301.8 | 1262.8 | 1240.1 |
| 37.5° | 1188.4 | 1213.2 | 1256.6 | 1349.0 | 1345.9 | 1282.8 | 1308.6 | 1426.8 | 1406.8 | 1377.6 |
| 40° | 1363.1 | 1415.8 | 1489.5 | 1621.9 | 1580.5 | 1501.3 | 1490.9 | 1555.0 | 1538.8 | 1504.4 |
| 42.5° | 1466.1 | 1557.1 | 1697.7 | 1816.5 | 1783.5 | 1644.9 | 1633.2 | 1726.3 | 1690.8 | 1653.2 |
| 45° | 1514.0 | 1672.2 | 1947.8 | 2108.7 | 2008.5 | 1740.4 | 1735.9 | 1949.5 | 1929.5 | 1879.2 |
| 47.5° | 1536.1 | 1788.3 | 2240.7 | 2484.3 | 2296.9 | 1824.1 | 1807.9 | 2273.4 | 2247.2 | 2188.0 |
| 50° | 1560.5 | 1948.5 | 2593.5 | 2919.5 | 2645.2 | 1918.9 | 1930.6 | 2575.3 | 2564.2 | 2494.3 |
| 52.5° | 1614.3 | 2118.0 | 3028.0 | 3417.0 | 3067.6 | 2067.4 | 2141.1 | 2859.9 | 2785.4 | 2704.8 |
| 55° | 1694.9 | 2302.7 | 3480.1 | 3925.3 | 3498.7 | 2266.9 | 2368.9 | 3011.1 | 2802.3 | 2713.1 |
| 57.5° | 1605.7 | 2348.9 | 3747.8 | 4280.2 | 3689.9 | 2267.6 | 2176.3 | 2748.9 | 2464.7 | 2378.2 |
| 60° | 1274.2 | 2185.2 | 3644.8 | 4203.3 | 3526.9 | 2013.6 | 1666.3 | 2146.3 | 1867.2 | 1809.3 |
| 62.5° | 861.4 | 1832.7 | 3208.6 | 3554.8 | 3018.7 | 1584.0 | 1083.0 | 1395.8 | 1156.0 | 1108.1 |
| 65° | 472.1 | 1367.2 | 2592.5 | 2689.3 | 2362.7 | 1106.4 | 557.2 | 605.7 | 461.4 | 440.0 |
| 67.5° | 130.2 | 951.7 | 1907.5 | 1784.1 | 1657.7 | 720.5 | 144.0 | 108.2 | 77.2 | 76.5 |
| 70° | 32.7 | 629.5 | 1142.9 | 1178.1 | 1016.5 | 461.4 | 27.6 | 13.1 | 10.3 | 10.0 |
| 72.5° | 13.8 | 270.8 | 542.3 | 623.3 | 520.3 | 213.6 | 10.0 | 3.8 | 3.1 | 2.4 |
| 75° | 1.7 | 21.7 | 46.2 | 69.9 | 47.9 | 23.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)