

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: P632926

Luminaire Tested: GWS-SA2D-760-U-SLL-W-HSS

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P632926
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-40)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA2D-760-U-SLL-W-HSS
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: (32) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7132.4 lumens
Efficiency: N/A
Efficacy: 86.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

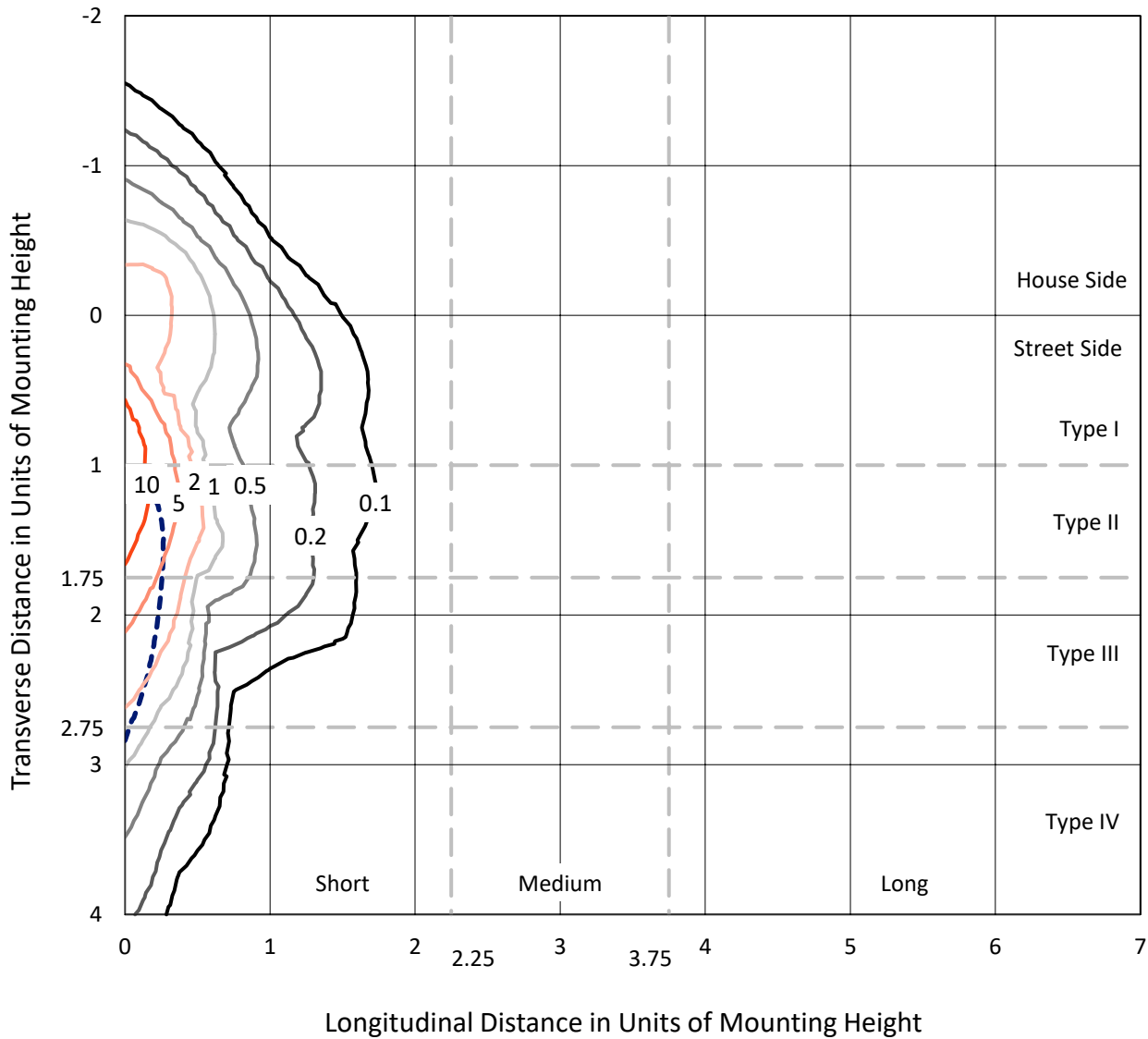
Input Watts (W): 82.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

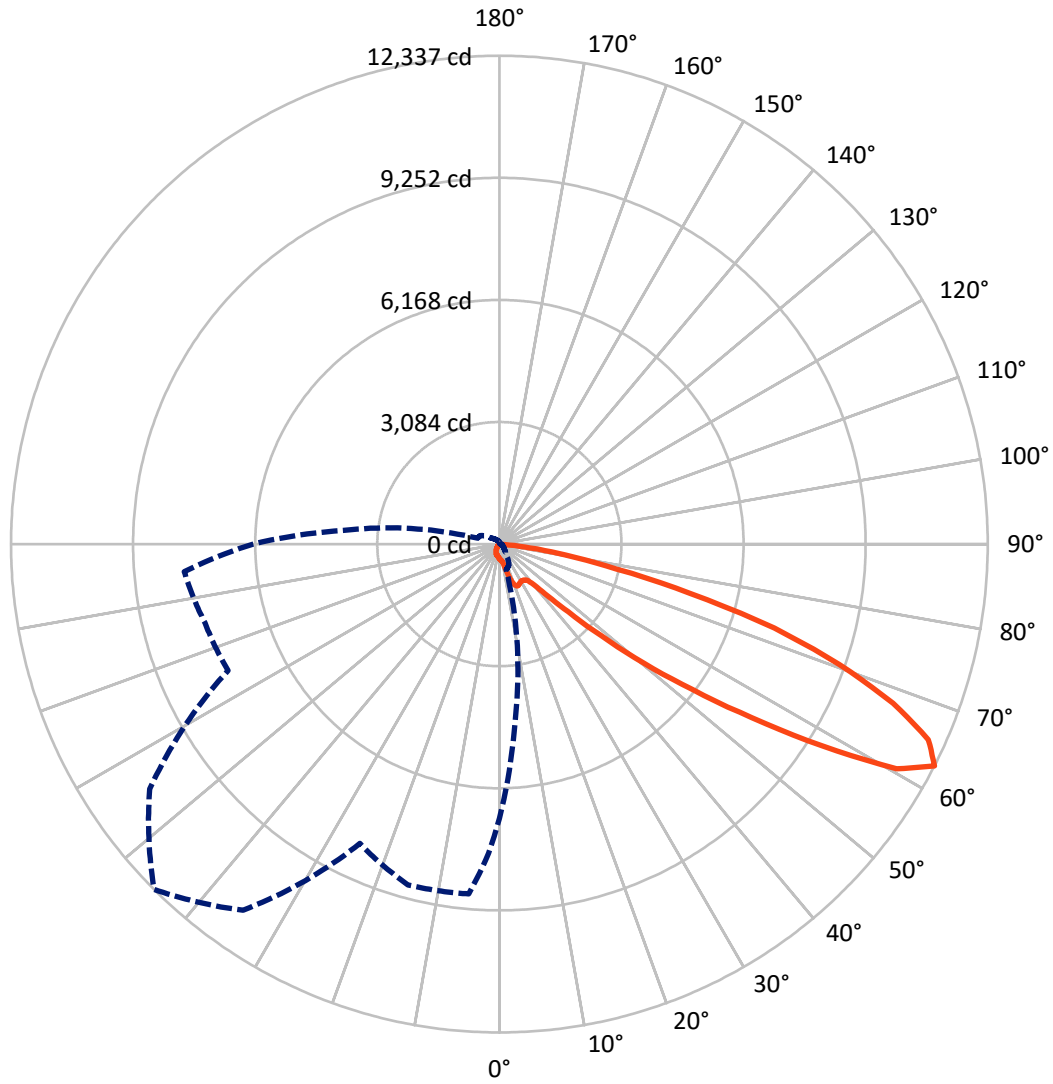
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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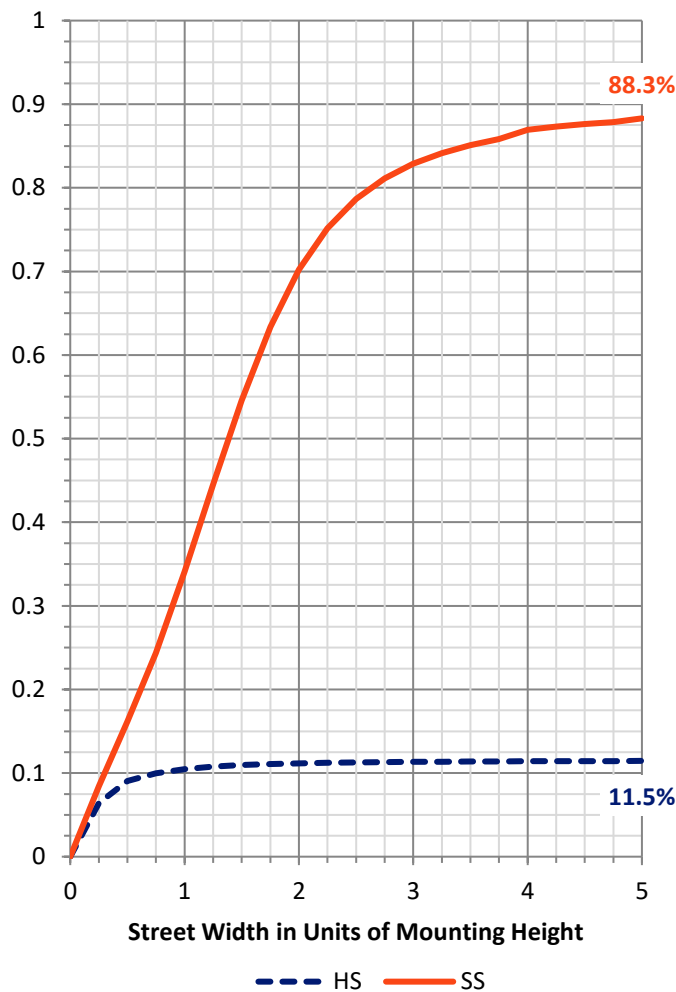
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 828.7 | 0.0 | 828.7 |
| | % Fixture | 11.6 | 0.0 | 11.6 |
| Street Side | Lumens | 6303.7 | 0.0 | 6303.7 |
| | % Fixture | 88.4 | 0.0 | 88.4 |
| Total | Lumens | 7132.4 | 0.0 | 7132.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 31.9 | 0.4 |
| 10°-20° | 109.5 | 1.5 |
| 20°-30° | 247.3 | 3.5 |
| 30°-40° | 426.1 | 6.0 |
| 40°-50° | 803.8 | 11.3 |
| 50°-60° | 1794.6 | 25.2 |
| 60°-70° | 2400.2 | 33.7 |
| 70°-80° | 1203.6 | 16.9 |
| 80°-90° | 115.4 | 1.6 |
| 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° | 7132.4 | 100.0 |
| 0°-180° | 7132.4 | 100.0 |

Coefficient of Utilization

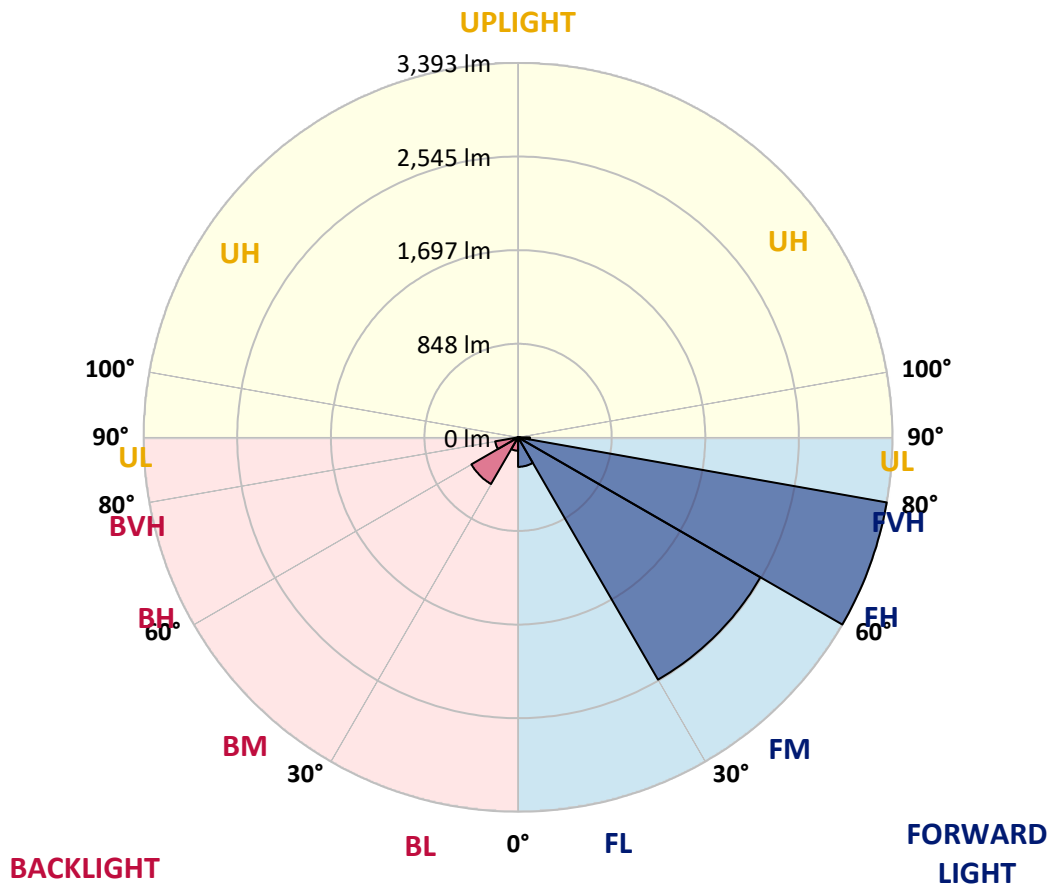


REPORT NUMBER: P632926
 CATALOG NUMBER: GWS-SA2D-760-U-SLL-W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 267.1 | 3.7 | | | |
| FM (30°-60°) | 2535.8 | 35.6 | | | |
| FH (60°-80°) | 3393.1 | 47.6 | | | G2/5000 |
| FVH (80°-90°) | 107.7 | 1.5 | | | G2/225 |
| BL (0°-30°) | 121.6 | 1.7 | B1/500 | | |
| BM (30°-60°) | 488.6 | 6.9 | B1/1000 | | |
| BH (60°-80°) | 210.7 | 3.0 | B1/500 | | G1/500 |
| BVH (80°-90°) | 7.7 | 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 III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 2° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 |
| 2.5° | 365.7 | 364.8 | 363.1 | 358.1 | 353.9 | 351.3 | 346.3 | 346.3 | 345.4 | 343.7 | 340.3 |
| 5° | 353.9 | 350.5 | 347.1 | 337.8 | 327.7 | 321.8 | 315.0 | 314.2 | 314.2 | 312.5 | 311.6 |
| 7.5° | 335.3 | 331.9 | 327.7 | 312.5 | 303.2 | 297.3 | 291.4 | 290.5 | 288.0 | 288.0 | 288.0 |
| 10° | 325.1 | 320.1 | 313.3 | 296.4 | 287.1 | 282.1 | 277.8 | 275.3 | 273.6 | 271.1 | 270.2 |
| 12.5° | 347.1 | 337.8 | 323.4 | 293.0 | 280.4 | 273.6 | 268.6 | 266.9 | 261.8 | 258.4 | 255.9 |
| 15° | 415.5 | 392.7 | 364.0 | 300.6 | 277.8 | 267.7 | 261.0 | 257.6 | 253.4 | 247.4 | 243.2 |
| 17.5° | 527.8 | 494.9 | 446.7 | 325.1 | 275.3 | 262.6 | 254.2 | 248.3 | 242.4 | 235.6 | 230.6 |
| 20° | 683.2 | 634.2 | 576.8 | 369.9 | 275.3 | 256.7 | 246.6 | 239.0 | 230.6 | 223.0 | 217.0 |
| 22.5° | 880.8 | 831.8 | 733.9 | 445.9 | 278.7 | 249.1 | 237.3 | 227.2 | 217.0 | 210.3 | 203.5 |
| 25° | 1102.1 | 1032.8 | 941.6 | 538.0 | 288.0 | 239.0 | 226.3 | 216.2 | 206.9 | 198.5 | 190.9 |
| 27.5° | 1348.7 | 1273.5 | 1151.9 | 668.9 | 308.2 | 228.9 | 214.5 | 205.2 | 196.8 | 188.3 | 178.2 |
| 30° | 1575.9 | 1531.1 | 1407.0 | 825.9 | 341.2 | 222.1 | 205.2 | 196.8 | 188.3 | 177.3 | 168.1 |
| 32.5° | 1848.6 | 1769.3 | 1667.1 | 1005.0 | 385.1 | 215.4 | 197.6 | 185.8 | 179.0 | 168.9 | 158.8 |
| 35° | 2123.1 | 2055.5 | 1921.3 | 1225.4 | 434.1 | 208.6 | 188.3 | 177.3 | 171.4 | 159.6 | 148.6 |
| 37.5° | 2406.0 | 2390.8 | 2258.2 | 1469.5 | 482.2 | 201.0 | 177.3 | 170.6 | 164.7 | 151.2 | 138.5 |
| 40° | 2684.7 | 2656.8 | 2534.4 | 1748.1 | 511.8 | 192.5 | 168.1 | 163.8 | 157.1 | 141.9 | 127.5 |
| 42.5° | 2951.6 | 2930.5 | 2811.4 | 2015.0 | 507.6 | 184.9 | 158.8 | 153.7 | 148.6 | 133.4 | 115.7 |
| 45° | 3279.2 | 3244.6 | 3094.3 | 2212.6 | 464.5 | 193.4 | 149.5 | 141.0 | 140.2 | 125.8 | 103.9 |
| 47.5° | 3892.4 | 3778.3 | 3523.3 | 2364.6 | 421.4 | 215.4 | 139.3 | 129.2 | 135.1 | 118.2 | 92.1 |
| 50° | 4751.2 | 4617.0 | 4247.9 | 2482.9 | 420.6 | 244.1 | 137.7 | 118.2 | 130.9 | 112.3 | 81.9 |
| 52.5° | 5614.3 | 5377.9 | 4929.4 | 2546.2 | 451.8 | 265.2 | 152.9 | 107.3 | 125.8 | 106.4 | 74.3 |
| 55° | 6441.1 | 5950.4 | 5214.9 | 2336.8 | 476.3 | 288.0 | 180.7 | 101.3 | 116.5 | 99.7 | 70.1 |
| 57.5° | 7229.0 | 6410.7 | 5339.0 | 1848.6 | 558.2 | 297.3 | 197.6 | 103.9 | 103.0 | 91.2 | 66.7 |
| 60° | 7337.1 | 6388.7 | 5088.2 | 1075.1 | 615.6 | 281.2 | 190.9 | 115.7 | 90.4 | 81.1 | 60.8 |
| 62.5° | 6928.4 | 5963.9 | 4516.5 | 670.5 | 571.7 | 275.3 | 169.7 | 131.7 | 81.9 | 71.8 | 53.2 |
| 65° | 6307.7 | 5297.6 | 3765.7 | 432.4 | 433.2 | 305.7 | 148.6 | 129.2 | 76.9 | 63.3 | 45.6 |
| 67.5° | 5337.3 | 4433.7 | 2966.8 | 289.7 | 244.9 | 261.0 | 130.1 | 88.7 | 75.2 | 54.0 | 35.5 |
| 70° | 3895.7 | 3155.9 | 1931.4 | 193.4 | 146.1 | 208.6 | 108.9 | 63.3 | 70.9 | 44.8 | 25.3 |
| 72.5° | 2847.7 | 2120.6 | 1078.4 | 126.7 | 82.8 | 121.6 | 80.2 | 45.6 | 54.9 | 32.9 | 17.7 |
| 75° | 2049.6 | 1459.3 | 615.6 | 81.1 | 54.9 | 66.7 | 52.4 | 31.2 | 35.5 | 26.2 | 16.0 |
| 77.5° | 986.4 | 711.1 | 279.5 | 44.8 | 37.2 | 33.8 | 27.9 | 19.4 | 22.0 | 23.6 | 14.4 |
| 80° | 37.2 | 27.9 | 21.1 | 22.0 | 23.6 | 15.2 | 12.7 | 10.1 | 12.7 | 16.0 | 7.6 |
| 82.5° | 0.0 | 0.0 | 0.0 | 2.5 | 3.4 | 4.2 | 5.1 | 4.2 | 5.1 | 5.9 | 0.8 |
| 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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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 |
| 2.5° | 342.9 | 341.2 | 342.9 | 344.6 | 346.3 | 347.9 | 345.4 | 347.1 | 348.8 | 344.6 | 346.3 |
| 5° | 315.8 | 315.0 | 320.1 | 322.6 | 326.0 | 327.7 | 326.0 | 326.0 | 325.1 | 320.1 | 320.1 |
| 7.5° | 292.2 | 293.0 | 297.3 | 303.2 | 307.4 | 309.9 | 308.2 | 307.4 | 304.9 | 297.3 | 297.3 |
| 10° | 274.5 | 274.5 | 281.2 | 286.3 | 292.2 | 294.7 | 293.0 | 290.5 | 288.0 | 280.4 | 279.5 |
| 12.5° | 260.1 | 260.1 | 265.2 | 273.6 | 280.4 | 283.8 | 282.9 | 279.5 | 275.3 | 267.7 | 266.9 |
| 15° | 246.6 | 245.8 | 253.4 | 261.0 | 270.2 | 274.5 | 272.8 | 270.2 | 262.6 | 255.9 | 254.2 |
| 17.5° | 233.1 | 232.2 | 239.0 | 249.1 | 259.3 | 265.2 | 264.3 | 258.4 | 251.7 | 243.2 | 241.5 |
| 20° | 219.6 | 217.9 | 226.3 | 236.5 | 246.6 | 252.5 | 250.8 | 245.8 | 237.3 | 228.9 | 227.2 |
| 22.5° | 206.1 | 205.2 | 211.1 | 219.6 | 228.9 | 233.9 | 233.1 | 228.9 | 220.4 | 212.8 | 212.8 |
| 25° | 190.9 | 190.9 | 195.1 | 201.0 | 207.8 | 210.3 | 211.1 | 209.4 | 204.4 | 200.1 | 200.1 |
| 27.5° | 178.2 | 175.7 | 177.3 | 179.0 | 182.4 | 186.6 | 186.6 | 188.3 | 189.2 | 187.5 | 188.3 |
| 30° | 168.1 | 163.8 | 161.3 | 157.9 | 156.2 | 157.9 | 159.6 | 165.5 | 171.4 | 174.8 | 176.5 |
| 32.5° | 156.2 | 151.2 | 144.4 | 135.1 | 129.2 | 127.5 | 132.6 | 143.6 | 154.5 | 162.1 | 166.4 |
| 35° | 144.4 | 137.7 | 125.0 | 111.5 | 103.9 | 101.3 | 107.3 | 119.9 | 136.0 | 149.5 | 155.4 |
| 37.5° | 132.6 | 123.3 | 105.6 | 89.5 | 81.1 | 79.4 | 85.3 | 98.8 | 117.4 | 136.0 | 143.6 |
| 40° | 119.1 | 108.1 | 87.0 | 70.1 | 63.3 | 61.6 | 66.7 | 80.2 | 99.7 | 120.8 | 132.6 |
| 42.5° | 105.6 | 92.1 | 70.1 | 55.7 | 49.0 | 49.0 | 55.7 | 65.9 | 83.6 | 106.4 | 120.8 |
| 45° | 92.1 | 77.7 | 57.4 | 44.8 | 40.5 | 41.4 | 45.6 | 55.7 | 70.1 | 93.7 | 107.3 |
| 47.5° | 79.4 | 66.7 | 47.3 | 37.2 | 33.8 | 34.6 | 39.7 | 48.1 | 60.0 | 81.1 | 95.4 |
| 50° | 68.4 | 56.6 | 41.4 | 31.2 | 28.7 | 30.4 | 35.5 | 43.1 | 53.2 | 71.8 | 83.6 |
| 52.5° | 61.6 | 50.7 | 38.0 | 27.0 | 25.3 | 27.0 | 32.1 | 38.8 | 48.1 | 63.3 | 75.2 |
| 55° | 58.3 | 49.8 | 38.0 | 24.5 | 22.0 | 23.6 | 28.7 | 35.5 | 43.1 | 57.4 | 67.6 |
| 57.5° | 57.4 | 51.5 | 40.5 | 22.0 | 18.6 | 20.3 | 25.3 | 32.1 | 39.7 | 52.4 | 60.8 |
| 60° | 54.0 | 49.0 | 39.7 | 17.7 | 14.4 | 16.9 | 21.1 | 27.9 | 36.3 | 49.0 | 56.6 |
| 62.5° | 47.3 | 43.1 | 34.6 | 14.4 | 11.0 | 12.7 | 17.7 | 24.5 | 32.9 | 44.8 | 53.2 |
| 65° | 38.8 | 34.6 | 27.0 | 9.3 | 6.8 | 8.4 | 13.5 | 21.1 | 28.7 | 40.5 | 48.1 |
| 67.5° | 28.7 | 24.5 | 18.6 | 5.9 | 3.4 | 5.9 | 11.0 | 17.7 | 26.2 | 36.3 | 43.9 |
| 70° | 17.7 | 14.4 | 10.1 | 3.4 | 2.5 | 5.1 | 10.1 | 16.9 | 23.6 | 33.8 | 41.4 |
| 72.5° | 10.1 | 6.8 | 4.2 | 1.7 | 2.5 | 5.1 | 10.1 | 16.9 | 22.8 | 32.1 | 38.8 |
| 75° | 7.6 | 4.2 | 1.7 | 0.8 | 1.7 | 4.2 | 9.3 | 15.2 | 22.0 | 30.4 | 37.2 |
| 77.5° | 5.1 | 2.5 | 0.8 | 0.0 | 0.8 | 3.4 | 8.4 | 14.4 | 20.3 | 28.7 | 35.5 |
| 80° | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 7.6 | 12.7 | 18.6 | 25.3 | 31.2 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 5.9 | 11.0 | 16.0 | 21.1 | 25.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 | 8.4 | 12.7 | 16.0 | 17.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.2 | 8.4 | 10.1 | 11.8 |
| 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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CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0° | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 |
| 2.5° | 345.4 | 350.5 | 350.5 | 353.9 | 358.1 | 365.7 | 369.9 | 375.8 | 380.0 | 384.3 | 385.9 |
| 5° | 319.2 | 320.1 | 320.9 | 322.6 | 327.7 | 336.1 | 343.7 | 353.0 | 364.0 | 372.4 | 377.5 |
| 7.5° | 297.3 | 297.3 | 297.3 | 299.8 | 304.9 | 310.8 | 318.4 | 331.0 | 343.7 | 353.9 | 362.3 |
| 10° | 278.7 | 281.2 | 282.1 | 286.3 | 292.2 | 299.8 | 308.2 | 319.2 | 333.6 | 347.1 | 362.3 |
| 12.5° | 266.9 | 269.4 | 273.6 | 277.8 | 283.8 | 292.2 | 301.5 | 315.8 | 345.4 | 373.3 | 405.4 |
| 15° | 255.9 | 259.3 | 264.3 | 270.2 | 277.0 | 286.3 | 296.4 | 326.0 | 395.2 | 447.6 | 498.3 |
| 17.5° | 244.1 | 249.1 | 255.9 | 261.8 | 270.2 | 280.4 | 293.0 | 350.5 | 486.4 | 573.4 | 659.6 |
| 20° | 228.9 | 235.6 | 243.2 | 252.5 | 262.6 | 274.5 | 293.0 | 401.1 | 618.2 | 743.2 | 857.2 |
| 22.5° | 214.5 | 221.3 | 230.6 | 242.4 | 254.2 | 266.0 | 297.3 | 478.0 | 787.9 | 945.9 | 1090.3 |
| 25° | 202.7 | 211.1 | 220.4 | 230.6 | 244.1 | 257.6 | 307.4 | 586.1 | 992.3 | 1195.8 | 1298.0 |
| 27.5° | 191.7 | 201.8 | 211.1 | 219.6 | 231.4 | 246.6 | 330.2 | 730.5 | 1233.8 | 1440.7 | 1521.0 |
| 30° | 180.7 | 192.5 | 201.8 | 210.3 | 222.1 | 238.2 | 364.8 | 914.6 | 1502.4 | 1703.4 | 1711.8 |
| 32.5° | 171.4 | 182.4 | 193.4 | 201.8 | 212.8 | 231.4 | 413.0 | 1130.0 | 1777.7 | 1971.9 | 1892.6 |
| 35° | 161.3 | 174.0 | 184.1 | 193.4 | 205.2 | 225.5 | 468.7 | 1362.2 | 2055.5 | 2218.5 | 2072.4 |
| 37.5° | 151.2 | 165.5 | 178.2 | 184.9 | 196.8 | 219.6 | 509.2 | 1604.6 | 2339.3 | 2459.2 | 2230.4 |
| 40° | 141.9 | 157.9 | 172.3 | 179.0 | 184.9 | 212.0 | 515.2 | 1852.9 | 2627.3 | 2696.5 | 2379.0 |
| 42.5° | 131.7 | 149.5 | 162.1 | 171.4 | 176.5 | 206.9 | 479.7 | 2062.3 | 2868.8 | 2933.0 | 2573.2 |
| 45° | 120.8 | 141.9 | 152.0 | 158.8 | 168.9 | 210.3 | 434.1 | 2224.4 | 3145.0 | 3255.6 | 2893.3 |
| 47.5° | 109.8 | 133.4 | 141.9 | 146.9 | 160.5 | 230.6 | 417.2 | 2332.5 | 3600.2 | 3829.9 | 3432.9 |
| 50° | 99.7 | 125.8 | 135.1 | 134.3 | 158.8 | 256.7 | 435.8 | 2414.5 | 4284.2 | 4554.5 | 4172.7 |
| 52.5° | 88.7 | 117.4 | 128.4 | 125.0 | 171.4 | 277.0 | 472.9 | 2479.5 | 4810.3 | 5404.0 | 5166.7 |
| 55° | 79.4 | 108.1 | 118.2 | 117.4 | 195.1 | 292.2 | 501.6 | 2136.6 | 5028.2 | 6193.7 | 6286.6 |
| 57.5° | 72.6 | 98.0 | 106.4 | 120.8 | 210.3 | 292.2 | 580.2 | 1516.7 | 5032.5 | 6774.7 | 7772.9 |
| 60° | 66.7 | 88.7 | 94.6 | 132.6 | 204.4 | 277.0 | 574.3 | 929.0 | 4638.1 | 6735.0 | 8563.4 |
| 62.5° | 61.6 | 80.2 | 87.8 | 136.0 | 180.7 | 274.5 | 518.5 | 576.0 | 3955.7 | 6222.4 | 7989.9 |
| 65° | 57.4 | 73.5 | 84.5 | 125.0 | 163.8 | 293.9 | 349.6 | 413.8 | 3208.3 | 5638.0 | 7332.1 |
| 67.5° | 53.2 | 67.6 | 89.5 | 102.2 | 148.6 | 262.6 | 252.5 | 293.9 | 2518.3 | 4997.0 | 6728.2 |
| 70° | 49.8 | 64.2 | 94.6 | 83.6 | 130.1 | 205.2 | 179.0 | 223.0 | 1928.0 | 4169.4 | 5877.8 |
| 72.5° | 47.3 | 60.0 | 79.4 | 65.9 | 105.6 | 158.8 | 125.0 | 162.1 | 1260.0 | 3254.8 | 4791.8 |
| 75° | 44.8 | 54.9 | 58.3 | 53.2 | 78.5 | 103.9 | 94.6 | 108.9 | 750.8 | 2379.0 | 3635.6 |
| 77.5° | 43.9 | 51.5 | 47.3 | 43.1 | 53.2 | 61.6 | 71.8 | 73.5 | 366.5 | 1189.9 | 1905.2 |
| 80° | 38.8 | 46.4 | 40.5 | 35.5 | 36.3 | 40.5 | 53.2 | 49.0 | 83.6 | 302.3 | 508.4 |
| 82.5° | 30.4 | 36.3 | 33.8 | 29.6 | 29.6 | 29.6 | 35.5 | 32.9 | 27.0 | 136.0 | 229.7 |
| 85° | 21.1 | 25.3 | 25.3 | 23.6 | 22.8 | 22.8 | 22.0 | 21.1 | 7.6 | 8.4 | 12.7 |
| 87.5° | 14.4 | 17.7 | 18.6 | 17.7 | 15.2 | 13.5 | 11.8 | 10.1 | 3.4 | 0.0 | 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 |



REPORT NUMBER: P632926

CATALOG NUMBER: GWS-SA2D-760-U-SLL-W-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 358° | 360° |
|-------|--------|--------|---------|---------|---------|--------|--------|--------|--------|--------|
| 0° | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 | 369.9 |
| 2.5° | 391.9 | 394.4 | 394.4 | 391.0 | 388.5 | 381.7 | 375.0 | 368.2 | 366.5 | 365.7 |
| 5° | 391.9 | 402.0 | 407.1 | 406.2 | 400.3 | 389.3 | 375.0 | 359.8 | 355.5 | 353.9 |
| 7.5° | 385.9 | 405.4 | 420.6 | 423.1 | 412.1 | 392.7 | 366.5 | 343.7 | 337.8 | 335.3 |
| 10° | 399.5 | 437.5 | 467.9 | 472.1 | 459.4 | 421.4 | 379.2 | 340.3 | 331.0 | 325.1 |
| 12.5° | 472.1 | 534.6 | 571.7 | 589.5 | 565.0 | 516.8 | 446.7 | 377.5 | 356.4 | 347.1 |
| 15° | 619.0 | 707.7 | 778.6 | 778.6 | 755.8 | 670.5 | 581.9 | 469.5 | 440.8 | 415.5 |
| 17.5° | 807.4 | 918.8 | 981.3 | 974.6 | 939.9 | 880.0 | 773.6 | 612.3 | 554.0 | 527.8 |
| 20° | 1021.9 | 1088.6 | 1102.9 | 1098.7 | 1083.5 | 1048.9 | 975.4 | 802.3 | 723.7 | 683.2 |
| 22.5° | 1207.7 | 1189.9 | 1168.8 | 1151.9 | 1147.7 | 1157.8 | 1147.7 | 1014.3 | 952.6 | 880.8 |
| 25° | 1333.5 | 1233.0 | 1169.6 | 1139.2 | 1153.6 | 1211.9 | 1275.2 | 1225.4 | 1176.4 | 1102.1 |
| 27.5° | 1401.9 | 1227.9 | 1136.7 | 1105.5 | 1130.0 | 1212.7 | 1350.4 | 1434.8 | 1384.2 | 1348.7 |
| 30° | 1439.0 | 1223.7 | 1115.6 | 1085.2 | 1122.4 | 1226.2 | 1402.7 | 1630.8 | 1632.4 | 1575.9 |
| 32.5° | 1492.3 | 1250.7 | 1119.8 | 1092.0 | 1141.8 | 1266.8 | 1468.6 | 1830.1 | 1879.0 | 1848.6 |
| 35° | 1552.2 | 1292.1 | 1139.2 | 1113.9 | 1175.6 | 1320.8 | 1542.1 | 2031.1 | 2133.2 | 2123.1 |
| 37.5° | 1608.8 | 1338.6 | 1184.9 | 1160.4 | 1227.1 | 1367.3 | 1613.0 | 2228.7 | 2370.5 | 2406.0 |
| 40° | 1667.9 | 1403.6 | 1325.0 | 1348.7 | 1385.8 | 1440.7 | 1676.4 | 2400.1 | 2631.5 | 2684.7 |
| 42.5° | 1807.3 | 1629.1 | 1749.0 | 1793.7 | 1798.8 | 1685.6 | 1814.9 | 2619.7 | 2888.2 | 2951.6 |
| 45° | 2118.0 | 2030.2 | 2373.9 | 2437.3 | 2404.3 | 2061.5 | 2148.4 | 2936.4 | 3247.2 | 3279.2 |
| 47.5° | 2510.7 | 2551.3 | 3229.4 | 3448.1 | 3250.5 | 2504.8 | 2553.0 | 3602.7 | 3904.2 | 3892.4 |
| 50° | 2968.5 | 3160.2 | 4200.6 | 4716.6 | 4243.7 | 3080.8 | 3019.1 | 4421.9 | 4787.5 | 4751.2 |
| 52.5° | 3509.8 | 3867.9 | 5367.7 | 6100.8 | 5653.2 | 3728.5 | 3703.2 | 5507.1 | 5730.0 | 5614.3 |
| 55° | 4191.3 | 4551.1 | 6710.5 | 7734.9 | 7098.1 | 4519.0 | 4606.0 | 6765.4 | 6808.5 | 6441.1 |
| 57.5° | 5208.1 | 5442.0 | 8293.1 | 9608.9 | 8606.4 | 5593.2 | 6224.1 | 8440.1 | 7924.9 | 7229.0 |
| 60° | 7054.2 | 6588.0 | 9822.5 | 11525.9 | 10211.0 | 7104.0 | 8358.1 | 9432.4 | 8296.5 | 7337.1 |
| 62.5° | 7696.9 | 7560.9 | 10780.2 | 12336.6 | 11290.3 | 8344.6 | 8913.0 | 8869.9 | 7815.1 | 6928.4 |
| 65° | 6723.2 | 7318.5 | 10608.8 | 11908.5 | 11151.8 | 8140.3 | 7998.4 | 8249.2 | 7272.9 | 6307.7 |
| 67.5° | 6210.5 | 6749.3 | 9959.3 | 10727.0 | 10384.1 | 7446.9 | 7129.4 | 7061.0 | 6105.8 | 5337.3 |
| 70° | 5693.7 | 6227.4 | 9017.7 | 9113.1 | 8953.5 | 6317.0 | 5899.8 | 5441.2 | 4563.7 | 3895.7 |
| 72.5° | 5072.1 | 5366.0 | 7711.2 | 7258.6 | 7077.9 | 4961.5 | 4873.7 | 4097.6 | 3421.1 | 2847.7 |
| 75° | 4423.6 | 4338.3 | 6012.1 | 4981.8 | 5116.9 | 3860.3 | 4116.2 | 3009.0 | 2506.5 | 2049.6 |
| 77.5° | 3217.6 | 3154.3 | 4026.6 | 3025.9 | 3351.0 | 2528.5 | 2271.7 | 1200.9 | 1143.5 | 986.4 |
| 80° | 1795.4 | 2164.5 | 2174.6 | 1695.8 | 2115.5 | 1648.5 | 568.4 | 39.7 | 25.3 | 37.2 |
| 82.5° | 834.4 | 930.7 | 1178.9 | 786.2 | 1206.8 | 816.6 | 117.4 | 0.0 | 0.0 | 0.0 |
| 85° | 270.2 | 395.2 | 331.0 | 115.7 | 292.2 | 276.2 | 19.4 | 0.0 | 0.0 | 0.0 |
| 87.5° | 16.0 | 32.9 | 8.4 | 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)