

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: P640239

Luminaire Tested: GWS-SA5D-740-U-SLL-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P640239
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-SA5D-740-U-SLL-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16108.5 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

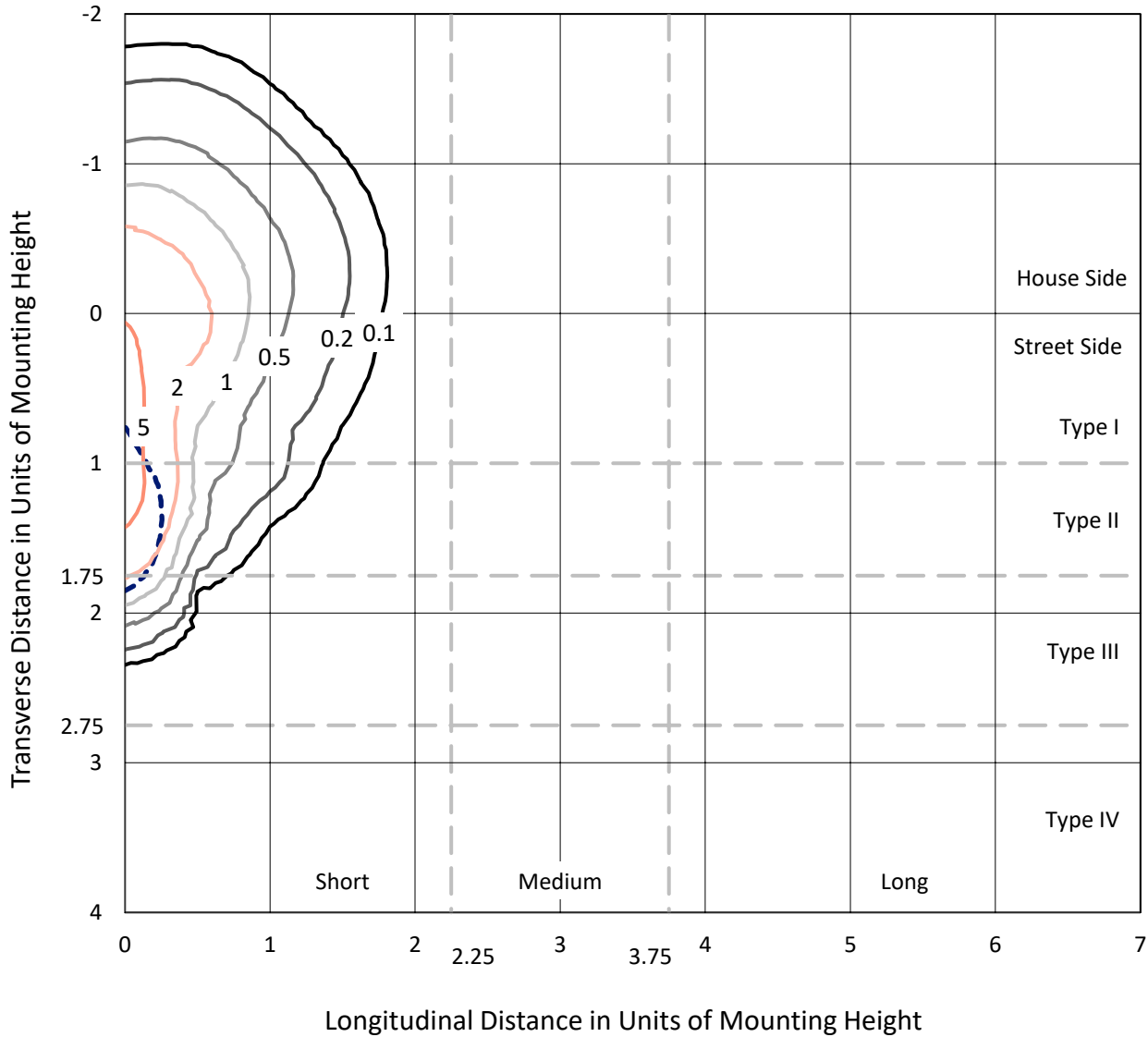
Input Watts (W): 204.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

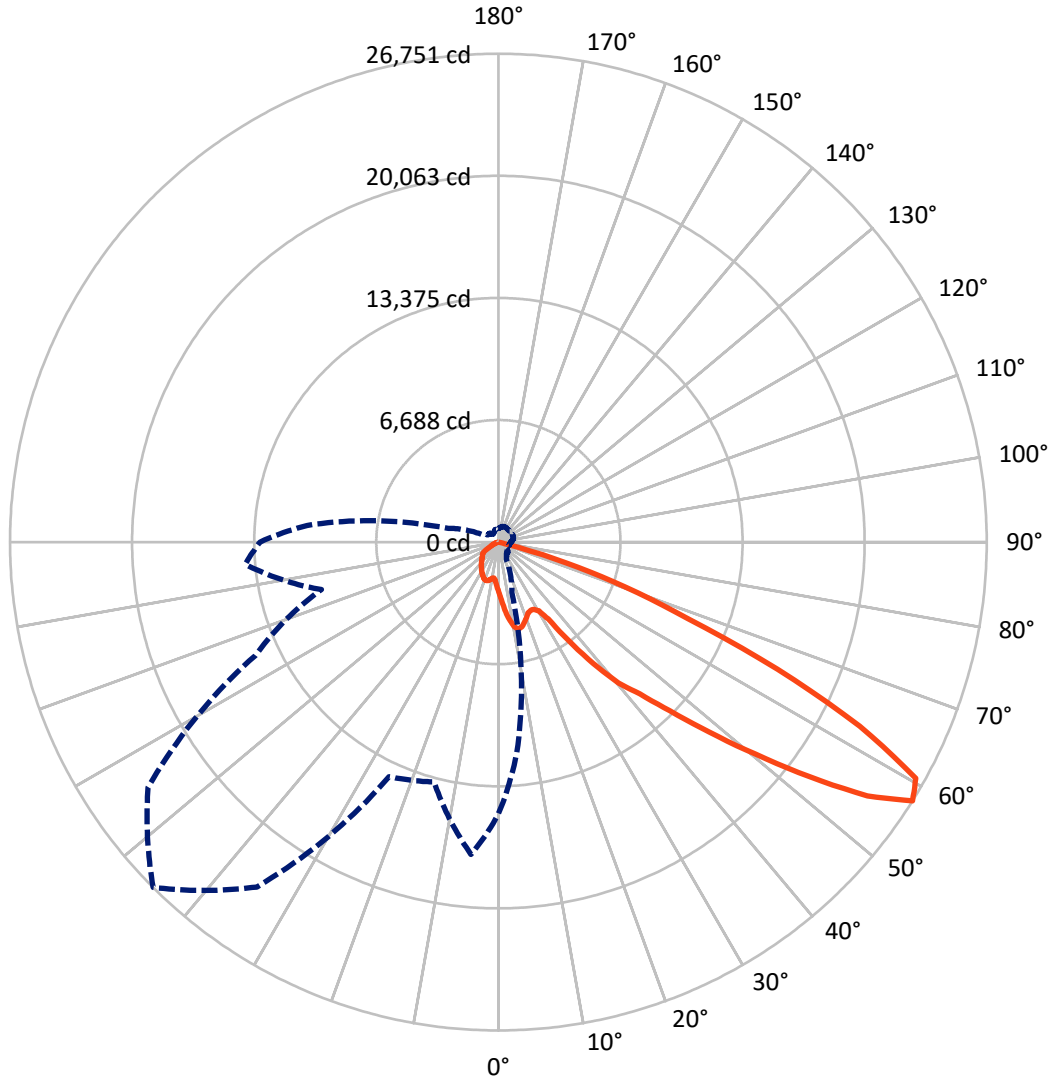
× Max cd
 - - - 1/2 Max cd



Based on 25 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 | 3470.3 | 0.0 | 3470.3 |
| | % Fixture | 21.5 | 0.0 | 21.5 |
| Street Side | Lumens | 12638.2 | 0.0 | 12638.2 |
| | % Fixture | 78.5 | 0.0 | 78.5 |
| Total | Lumens | 16108.5 | 0.0 | 16108.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 270.5 | 1.7 |
| 10°-20° | 890.2 | 5.5 |
| 20°-30° | 1444.6 | 9.0 |
| 30°-40° | 2217.2 | 13.8 |
| 40°-50° | 3541.0 | 22.0 |
| 50°-60° | 4958.1 | 30.8 |
| 60°-70° | 2542.1 | 15.8 |
| 70°-80° | 244.8 | 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° | 16108.5 | 100.0 |
| 0°-180° | 16108.5 | 100.0 |

Coefficient of Utilization



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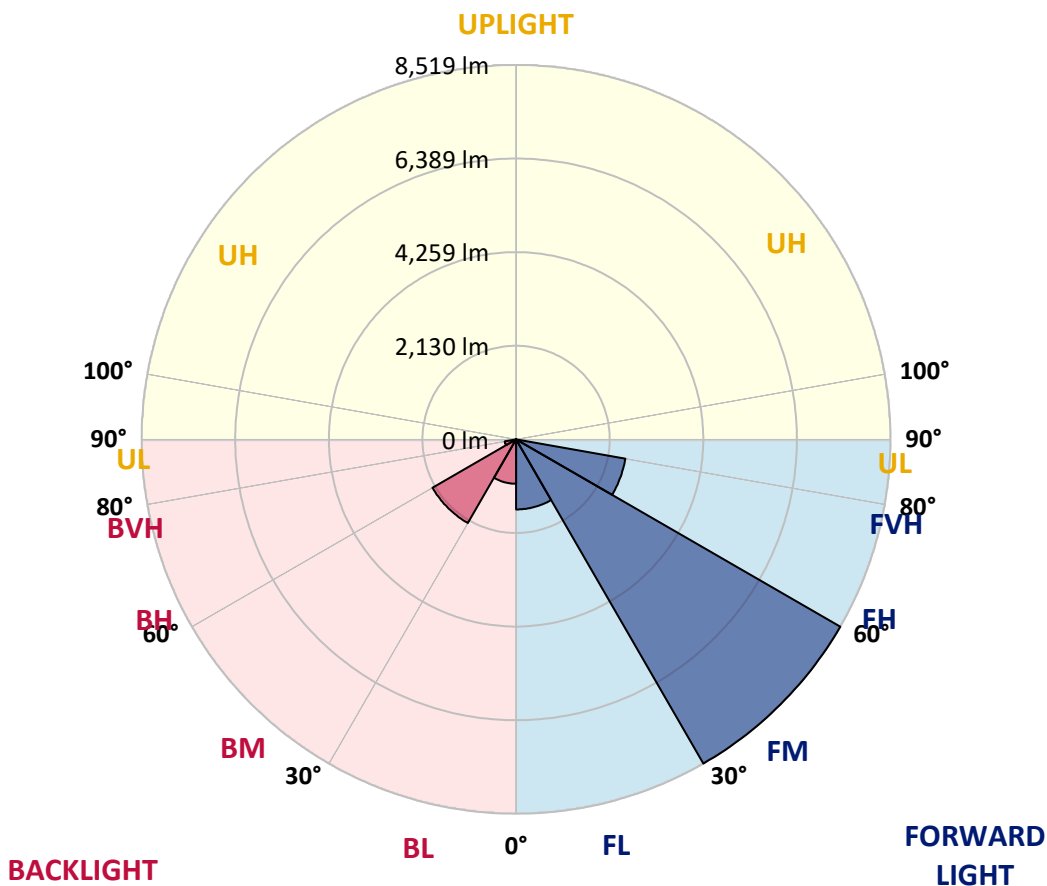
CATALOG NUMBER: GWS-SA5D-740-U-SLL-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1594.8 | 9.9 | | | |
| FM (30°-60°) | 8518.6 | 52.9 | | | |
| FH (60°-80°) | 2524.8 | 15.7 | | | G2/5000 |
| FVH (80°-90°) | 0.0 | 0.0 | | | G0/10 |
| BL (0°-30°) | 1010.5 | 6.3 | B3/2500 | | |
| BM (30°-60°) | 2197.7 | 13.6 | B2/2500 | | |
| BH (60°-80°) | 262.1 | 1.6 | B1/500 | | G1/500 |
| 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: B3-U0-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 |
| 2.5° | 3040.7 | 3034.3 | 3012.7 | 2939.5 | 2894.3 | 2823.2 | 2771.5 | 2704.8 | 2631.6 | 2586.3 | 2541.1 |
| 5° | 3363.7 | 3346.5 | 3288.4 | 3120.4 | 2991.2 | 2851.2 | 2739.2 | 2616.5 | 2485.1 | 2399.0 | 2319.3 |
| 7.5° | 3673.8 | 3648.0 | 3570.5 | 3286.2 | 3090.2 | 2890.0 | 2730.6 | 2551.9 | 2366.7 | 2237.5 | 2138.4 |
| 10° | 3977.5 | 3919.3 | 3796.6 | 3447.7 | 3182.8 | 2941.7 | 2754.3 | 2549.7 | 2332.2 | 2168.6 | 2058.7 |
| 12.5° | 4227.3 | 4184.2 | 4016.2 | 3600.6 | 3260.4 | 2952.4 | 2722.0 | 2532.5 | 2386.1 | 2276.2 | 2175.0 |
| 15° | 4442.6 | 4395.3 | 4235.9 | 3738.4 | 3327.1 | 2909.4 | 2586.3 | 2420.5 | 2444.2 | 2487.3 | 2401.1 |
| 17.5° | 4640.7 | 4591.2 | 4418.9 | 3852.6 | 3353.0 | 2803.8 | 2396.8 | 2317.1 | 2448.5 | 2610.0 | 2577.7 |
| 20° | 4845.3 | 4789.3 | 4578.3 | 3945.2 | 3344.4 | 2638.0 | 2205.2 | 2228.9 | 2414.1 | 2599.3 | 2616.5 |
| 22.5° | 5084.4 | 5026.2 | 4780.7 | 4063.6 | 3337.9 | 2439.9 | 2039.3 | 2151.3 | 2349.4 | 2506.7 | 2536.8 |
| 25° | 5400.9 | 5332.0 | 5062.8 | 4238.0 | 3355.1 | 2259.0 | 1920.9 | 2076.0 | 2239.6 | 2381.7 | 2399.0 |
| 27.5° | 5818.7 | 5730.4 | 5388.0 | 4453.4 | 3391.7 | 2116.9 | 1869.2 | 1972.6 | 2099.6 | 2226.7 | 2241.8 |
| 30° | 6363.5 | 6251.6 | 5760.6 | 4640.7 | 3374.5 | 2017.8 | 1834.8 | 1869.2 | 1944.6 | 2048.0 | 2050.1 |
| 32.5° | 7001.0 | 6848.1 | 6178.3 | 4802.3 | 3225.9 | 1944.6 | 1787.4 | 1763.7 | 1780.9 | 1860.6 | 1875.7 |
| 35° | 7750.4 | 7552.3 | 6639.2 | 4955.2 | 2954.6 | 1802.5 | 1701.2 | 1621.6 | 1615.1 | 1653.9 | 1690.5 |
| 37.5° | 8609.6 | 8372.7 | 7220.6 | 5151.1 | 2633.7 | 1653.9 | 1574.2 | 1494.5 | 1460.1 | 1479.4 | 1535.4 |
| 40° | 9402.1 | 9139.4 | 7827.9 | 5388.0 | 2306.4 | 1520.4 | 1425.6 | 1343.8 | 1302.9 | 1309.3 | 1378.2 |
| 42.5° | 10332.4 | 10061.1 | 8570.8 | 5698.1 | 2035.0 | 1429.9 | 1270.6 | 1186.6 | 1132.7 | 1162.9 | 1242.6 |
| 45° | 11745.1 | 11437.1 | 9654.0 | 5967.3 | 1819.7 | 1408.4 | 1134.9 | 1016.4 | 990.6 | 1042.3 | 1137.0 |
| 47.5° | 13674.6 | 13297.7 | 11142.1 | 6131.0 | 1636.6 | 1427.8 | 1040.1 | 878.6 | 885.1 | 943.2 | 1038.0 |
| 50° | 15589.0 | 15182.0 | 12862.7 | 5915.6 | 1485.9 | 1389.0 | 992.8 | 770.9 | 811.9 | 863.5 | 949.7 |
| 52.5° | 16904.8 | 16375.1 | 13700.4 | 5293.3 | 1348.1 | 1242.6 | 988.4 | 669.7 | 747.3 | 764.5 | 837.7 |
| 55° | 16956.5 | 16304.0 | 13271.9 | 4173.4 | 1160.7 | 1048.7 | 943.2 | 585.7 | 676.2 | 682.7 | 745.1 |
| 57.5° | 14863.3 | 14273.3 | 11598.6 | 2866.3 | 1031.5 | 768.8 | 751.6 | 512.5 | 555.6 | 609.4 | 648.2 |
| 60° | 11307.9 | 10806.2 | 8674.2 | 1313.6 | 783.9 | 488.8 | 514.7 | 441.5 | 415.6 | 495.3 | 534.1 |
| 62.5° | 6925.6 | 6604.7 | 5202.8 | 581.4 | 499.6 | 260.6 | 312.3 | 351.0 | 312.3 | 342.4 | 374.7 |
| 65° | 2750.0 | 2607.9 | 1974.7 | 247.7 | 204.6 | 131.4 | 142.1 | 204.6 | 219.7 | 241.2 | 271.3 |
| 67.5° | 478.1 | 452.2 | 331.6 | 109.8 | 84.0 | 79.7 | 68.9 | 94.8 | 133.5 | 148.6 | 172.3 |
| 70° | 62.5 | 60.3 | 53.8 | 45.2 | 43.1 | 38.8 | 30.1 | 60.3 | 90.4 | 94.8 | 109.8 |
| 72.5° | 15.1 | 12.9 | 12.9 | 10.8 | 12.9 | 4.3 | 4.3 | 32.3 | 64.6 | 66.8 | 77.5 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.8 | 40.9 | 45.2 | 53.8 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 |
| 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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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 |
| 2.5° | 2504.5 | 2461.4 | 2446.4 | 2424.8 | 2396.8 | 2405.4 | 2366.7 | 2353.8 | 2373.1 | 2399.0 | 2392.5 |
| 5° | 2276.2 | 2228.9 | 2196.5 | 2147.0 | 2138.4 | 2119.0 | 2106.1 | 2088.9 | 2110.4 | 2140.6 | 2147.0 |
| 7.5° | 2095.3 | 2054.4 | 2022.1 | 2007.0 | 1996.3 | 1987.7 | 1961.8 | 1948.9 | 1948.9 | 1961.8 | 1972.6 |
| 10° | 2017.8 | 1987.7 | 1981.2 | 1985.5 | 2002.7 | 2000.6 | 1976.9 | 1959.7 | 1938.1 | 1927.4 | 1940.3 |
| 12.5° | 2125.5 | 2076.0 | 2067.3 | 2069.5 | 2091.0 | 2088.9 | 2063.0 | 2041.5 | 2037.2 | 2041.5 | 2082.4 |
| 15° | 2308.5 | 2233.2 | 2177.2 | 2166.4 | 2177.2 | 2172.9 | 2153.5 | 2140.6 | 2147.0 | 2209.5 | 2278.4 |
| 17.5° | 2472.2 | 2355.9 | 2254.7 | 2215.9 | 2213.8 | 2207.3 | 2187.9 | 2183.6 | 2215.9 | 2332.2 | 2433.4 |
| 20° | 2519.6 | 2405.4 | 2261.2 | 2211.6 | 2200.9 | 2194.4 | 2172.9 | 2179.3 | 2220.2 | 2360.2 | 2446.4 |
| 22.5° | 2457.1 | 2347.3 | 2196.5 | 2147.0 | 2138.4 | 2136.3 | 2114.7 | 2123.3 | 2157.8 | 2280.5 | 2351.6 |
| 25° | 2338.7 | 2246.1 | 2088.9 | 2045.8 | 2045.8 | 2041.5 | 2022.1 | 2026.4 | 2048.0 | 2155.6 | 2224.5 |
| 27.5° | 2194.4 | 2106.1 | 1974.7 | 1931.7 | 1938.1 | 1944.6 | 1920.9 | 1914.4 | 1931.7 | 2032.9 | 2073.8 |
| 30° | 2028.6 | 1966.1 | 1862.8 | 1824.0 | 1821.8 | 1847.7 | 1815.4 | 1806.8 | 1830.5 | 1910.1 | 1918.8 |
| 32.5° | 1867.1 | 1836.9 | 1763.7 | 1733.6 | 1735.7 | 1740.0 | 1722.8 | 1722.8 | 1744.3 | 1787.4 | 1785.2 |
| 35° | 1709.9 | 1690.5 | 1677.6 | 1656.0 | 1653.9 | 1645.3 | 1645.3 | 1649.6 | 1673.3 | 1688.3 | 1660.3 |
| 37.5° | 1559.1 | 1578.5 | 1593.6 | 1572.0 | 1554.8 | 1554.8 | 1554.8 | 1574.2 | 1595.7 | 1589.3 | 1541.9 |
| 40° | 1425.6 | 1466.5 | 1513.9 | 1490.2 | 1449.3 | 1447.1 | 1455.8 | 1488.1 | 1520.4 | 1481.6 | 1438.5 |
| 42.5° | 1311.5 | 1363.2 | 1429.9 | 1417.0 | 1371.8 | 1365.3 | 1371.8 | 1412.7 | 1438.5 | 1389.0 | 1341.6 |
| 45° | 1199.5 | 1264.1 | 1343.8 | 1343.8 | 1294.2 | 1287.8 | 1289.9 | 1343.8 | 1358.8 | 1300.7 | 1240.4 |
| 47.5° | 1104.7 | 1175.8 | 1259.8 | 1259.8 | 1218.9 | 1205.9 | 1216.7 | 1272.7 | 1283.5 | 1201.6 | 1145.7 |
| 50° | 1014.3 | 1091.8 | 1184.4 | 1178.0 | 1150.0 | 1139.2 | 1158.6 | 1218.9 | 1205.9 | 1115.5 | 1057.4 |
| 52.5° | 900.2 | 982.0 | 1109.0 | 1115.5 | 1100.4 | 1102.6 | 1126.3 | 1165.0 | 1128.4 | 1018.6 | 969.1 |
| 55° | 796.8 | 880.8 | 1007.8 | 1042.3 | 1042.3 | 1040.1 | 1050.9 | 1081.0 | 1050.9 | 919.5 | 859.2 |
| 57.5° | 684.8 | 755.9 | 861.4 | 870.0 | 876.5 | 852.8 | 867.9 | 908.8 | 893.7 | 781.7 | 747.3 |
| 60° | 562.1 | 622.4 | 682.7 | 689.1 | 661.1 | 611.6 | 639.6 | 687.0 | 697.7 | 613.7 | 575.0 |
| 62.5° | 398.4 | 456.5 | 527.6 | 527.6 | 499.6 | 450.1 | 486.7 | 527.6 | 512.5 | 426.4 | 402.7 |
| 65° | 297.2 | 351.0 | 404.9 | 428.5 | 404.9 | 370.4 | 398.4 | 428.5 | 404.9 | 333.8 | 299.3 |
| 67.5° | 191.7 | 228.3 | 260.6 | 280.0 | 284.3 | 280.0 | 292.9 | 284.3 | 256.3 | 208.9 | 189.5 |
| 70° | 116.3 | 135.7 | 152.9 | 170.1 | 183.0 | 189.5 | 196.0 | 176.6 | 148.6 | 122.7 | 116.3 |
| 72.5° | 84.0 | 101.2 | 116.3 | 129.2 | 144.3 | 148.6 | 148.6 | 135.7 | 109.8 | 86.1 | 79.7 |
| 75° | 58.1 | 73.2 | 86.1 | 94.8 | 107.7 | 112.0 | 112.0 | 101.2 | 81.8 | 62.5 | 56.0 |
| 77.5° | 2.2 | 15.1 | 15.1 | 12.9 | 17.2 | 21.5 | 21.5 | 25.8 | 23.7 | 17.2 | 15.1 |
| 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-SA5D-740-U-SLL-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 |
| 2.5° | 2405.4 | 2483.0 | 2504.5 | 2584.2 | 2655.2 | 2726.3 | 2812.4 | 2864.1 | 2941.7 | 2995.5 | 3025.6 |
| 5° | 2168.6 | 2233.2 | 2310.7 | 2429.1 | 2551.9 | 2687.5 | 2851.2 | 2993.3 | 3172.1 | 3303.4 | 3346.5 |
| 7.5° | 1996.3 | 2080.3 | 2170.7 | 2319.3 | 2487.3 | 2668.2 | 2898.6 | 3131.2 | 3404.7 | 3583.4 | 3697.5 |
| 10° | 1964.0 | 2050.1 | 2170.7 | 2317.1 | 2493.7 | 2700.5 | 2982.6 | 3284.1 | 3626.5 | 3844.0 | 3973.2 |
| 12.5° | 2119.0 | 2211.6 | 2263.3 | 2330.1 | 2463.6 | 2694.0 | 3055.8 | 3439.1 | 3841.8 | 4078.7 | 4216.5 |
| 15° | 2347.3 | 2429.1 | 2345.1 | 2261.2 | 2347.3 | 2625.1 | 3096.7 | 3568.3 | 4031.3 | 4304.8 | 4446.9 |
| 17.5° | 2504.5 | 2511.0 | 2327.9 | 2149.2 | 2172.9 | 2500.2 | 3111.8 | 3697.5 | 4233.7 | 4520.2 | 4668.7 |
| 20° | 2489.4 | 2437.7 | 2252.5 | 2054.4 | 1981.2 | 2338.7 | 3094.6 | 3811.7 | 4438.3 | 4737.7 | 4884.1 |
| 22.5° | 2373.1 | 2312.8 | 2155.6 | 1961.8 | 1819.7 | 2147.0 | 3064.4 | 3915.0 | 4625.7 | 4965.9 | 5103.7 |
| 25° | 2233.2 | 2168.6 | 2039.3 | 1869.2 | 1716.3 | 1961.8 | 3040.7 | 4057.2 | 4862.6 | 5263.1 | 5370.8 |
| 27.5° | 2069.5 | 2013.5 | 1903.7 | 1780.9 | 1673.3 | 1821.8 | 3034.3 | 4244.5 | 5149.0 | 5624.9 | 5700.3 |
| 30° | 1910.1 | 1858.5 | 1772.3 | 1701.2 | 1656.0 | 1740.0 | 3012.7 | 4444.8 | 5491.4 | 6040.5 | 6122.3 |
| 32.5° | 1757.2 | 1705.6 | 1651.7 | 1641.0 | 1643.1 | 1709.9 | 2939.5 | 4642.9 | 5898.4 | 6643.5 | 6703.8 |
| 35° | 1625.9 | 1565.6 | 1544.0 | 1569.9 | 1617.3 | 1658.2 | 2732.8 | 4806.6 | 6335.5 | 7300.3 | 7349.8 |
| 37.5° | 1501.0 | 1440.7 | 1438.5 | 1501.0 | 1552.7 | 1578.5 | 2489.4 | 4968.1 | 6925.6 | 7967.9 | 8030.3 |
| 40° | 1386.8 | 1326.5 | 1348.1 | 1423.5 | 1464.4 | 1477.3 | 2194.4 | 5213.6 | 7550.1 | 8672.1 | 8637.6 |
| 42.5° | 1289.9 | 1227.5 | 1240.4 | 1337.3 | 1373.9 | 1408.4 | 1923.1 | 5418.2 | 8150.9 | 9339.6 | 9328.9 |
| 45° | 1195.2 | 1147.8 | 1139.2 | 1244.7 | 1277.0 | 1414.8 | 1724.9 | 5575.4 | 8924.0 | 10190.3 | 10207.5 |
| 47.5° | 1102.6 | 1066.0 | 1068.1 | 1113.3 | 1193.0 | 1447.1 | 1557.0 | 5678.7 | 10046.0 | 11538.3 | 11239.0 |
| 50° | 1018.6 | 990.6 | 1014.3 | 962.6 | 1139.2 | 1406.2 | 1412.7 | 5657.2 | 11299.3 | 12830.4 | 12229.6 |
| 52.5° | 926.0 | 919.5 | 930.3 | 805.4 | 1053.1 | 1240.4 | 1277.0 | 5370.8 | 11887.2 | 13713.4 | 13371.0 |
| 55° | 831.2 | 829.1 | 743.0 | 643.9 | 880.8 | 990.6 | 1094.0 | 4481.4 | 11867.8 | 14182.8 | 14598.4 |
| 57.5° | 719.3 | 702.0 | 564.2 | 525.4 | 684.8 | 689.1 | 997.1 | 2935.2 | 10517.6 | 13058.7 | 13920.1 |
| 60° | 544.8 | 531.9 | 413.5 | 426.4 | 478.1 | 441.5 | 794.6 | 1462.2 | 7860.2 | 10173.0 | 11144.3 |
| 62.5° | 376.9 | 359.6 | 307.9 | 329.5 | 307.9 | 252.0 | 486.7 | 723.6 | 4761.3 | 6423.8 | 7304.6 |
| 65° | 275.6 | 256.3 | 211.0 | 180.9 | 144.3 | 144.3 | 185.2 | 277.8 | 1843.4 | 2730.6 | 3292.7 |
| 67.5° | 170.1 | 161.5 | 124.9 | 90.4 | 88.3 | 94.8 | 96.9 | 137.8 | 297.2 | 473.8 | 579.3 |
| 70° | 109.8 | 101.2 | 84.0 | 58.1 | 53.8 | 56.0 | 58.1 | 64.6 | 75.4 | 81.8 | 99.1 |
| 72.5° | 75.4 | 71.1 | 60.3 | 32.3 | 25.8 | 28.0 | 30.1 | 30.1 | 36.6 | 34.5 | 40.9 |
| 75° | 53.8 | 49.5 | 43.1 | 15.1 | 8.6 | 10.8 | 12.9 | 10.8 | 12.9 | 8.6 | 10.8 |
| 77.5° | 15.1 | 15.1 | 10.8 | 2.2 | 0.0 | 2.2 | 4.3 | 4.3 | 2.2 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 2.2 | 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 |



REPORT NUMBER: P640239

CATALOG NUMBER: GWS-SA5D-740-U-SLL-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 | 2737.1 |
| 2.5° | 3103.2 | 3152.7 | 3172.1 | 3144.1 | 3167.8 | 3129.0 | 3113.9 | 3055.8 | 3051.5 | 3040.7 |
| 5° | 3520.9 | 3632.9 | 3699.7 | 3740.6 | 3693.2 | 3641.5 | 3564.0 | 3430.5 | 3389.6 | 3363.7 |
| 7.5° | 3932.3 | 4106.7 | 4220.8 | 4274.7 | 4261.7 | 4156.2 | 4016.2 | 3792.3 | 3712.6 | 3673.8 |
| 10° | 4289.7 | 4502.9 | 4640.7 | 4707.5 | 4679.5 | 4586.9 | 4386.6 | 4106.7 | 4001.2 | 3977.5 |
| 12.5° | 4539.5 | 4735.5 | 4830.3 | 4888.4 | 4890.6 | 4853.9 | 4664.4 | 4382.3 | 4257.4 | 4227.3 |
| 15° | 4696.7 | 4780.7 | 4782.9 | 4817.3 | 4877.6 | 4959.5 | 4871.2 | 4621.4 | 4487.9 | 4442.6 |
| 17.5° | 4795.8 | 4703.2 | 4608.4 | 4617.1 | 4716.1 | 4933.6 | 5024.1 | 4832.4 | 4690.3 | 4640.7 |
| 20° | 4866.9 | 4574.0 | 4397.4 | 4399.6 | 4500.8 | 4830.3 | 5129.6 | 5037.0 | 4890.6 | 4845.3 |
| 22.5° | 4912.1 | 4459.9 | 4207.9 | 4201.4 | 4309.1 | 4707.5 | 5226.5 | 5280.3 | 5136.0 | 5084.4 |
| 25° | 5004.7 | 4406.0 | 4093.8 | 4130.4 | 4225.1 | 4668.7 | 5357.9 | 5603.4 | 5469.8 | 5400.9 |
| 27.5° | 5170.5 | 4459.9 | 4083.0 | 4167.0 | 4274.7 | 4782.9 | 5586.1 | 6034.1 | 5896.2 | 5818.7 |
| 30° | 5456.9 | 4662.3 | 4248.8 | 4365.1 | 4494.3 | 5082.2 | 5969.4 | 6634.9 | 6436.8 | 6363.5 |
| 32.5° | 5917.8 | 5082.2 | 4761.3 | 5011.1 | 5136.0 | 5573.2 | 6544.4 | 7308.9 | 7147.4 | 7001.0 |
| 35° | 6553.0 | 6040.5 | 6003.9 | 6585.3 | 6555.2 | 6503.5 | 7250.8 | 8135.8 | 7892.5 | 7750.4 |
| 37.5° | 7427.4 | 7582.4 | 7853.7 | 8430.9 | 8411.5 | 8017.4 | 8178.9 | 8917.6 | 8792.7 | 8609.6 |
| 40° | 8519.2 | 8848.6 | 9309.5 | 10136.4 | 9878.0 | 9382.7 | 9318.1 | 9718.7 | 9617.4 | 9402.1 |
| 42.5° | 9163.1 | 9731.6 | 10610.2 | 11353.1 | 11146.4 | 10280.7 | 10207.5 | 10788.9 | 10567.1 | 10332.4 |
| 45° | 9462.4 | 10450.8 | 12173.6 | 13179.3 | 12552.6 | 10877.2 | 10849.2 | 12184.4 | 12059.5 | 11745.1 |
| 47.5° | 9600.2 | 11176.6 | 14004.1 | 15526.6 | 14355.1 | 11400.5 | 11299.3 | 14208.7 | 14045.0 | 13674.6 |
| 50° | 9753.1 | 12177.9 | 16209.2 | 18246.4 | 16532.3 | 11992.7 | 12065.9 | 16095.1 | 16026.2 | 15589.0 |
| 52.5° | 10089.1 | 13237.4 | 18924.8 | 21356.1 | 19172.4 | 12920.9 | 13381.7 | 17873.9 | 17408.7 | 16904.8 |
| 55° | 10593.0 | 14391.7 | 21750.1 | 24532.4 | 21866.4 | 14167.7 | 14805.2 | 18819.3 | 17514.3 | 16956.5 |
| 57.5° | 10035.2 | 14680.3 | 23423.4 | 26750.5 | 23061.6 | 14172.1 | 13601.4 | 17180.5 | 15403.8 | 14863.3 |
| 60° | 7963.6 | 13657.4 | 22779.5 | 26270.3 | 22043.0 | 12584.9 | 10414.2 | 13414.0 | 11669.7 | 11307.9 |
| 62.5° | 5383.7 | 11454.4 | 20053.2 | 22217.5 | 18866.6 | 9899.5 | 6768.4 | 8723.7 | 7224.9 | 6925.6 |
| 65° | 2950.3 | 8545.0 | 16202.8 | 16807.9 | 14766.4 | 6914.8 | 3482.2 | 3785.8 | 2883.5 | 2750.0 |
| 67.5° | 814.0 | 5947.9 | 11921.7 | 11150.7 | 10360.4 | 4502.9 | 900.2 | 676.2 | 482.4 | 478.1 |
| 70° | 204.6 | 3934.4 | 7143.1 | 7362.7 | 6352.8 | 2883.5 | 172.3 | 81.8 | 64.6 | 62.5 |
| 72.5° | 86.1 | 1692.6 | 3389.6 | 3895.6 | 3251.8 | 1335.2 | 62.5 | 23.7 | 19.4 | 15.1 |
| 75° | 10.8 | 135.7 | 288.6 | 437.2 | 299.3 | 144.3 | 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)