

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: P634248

Luminaire Tested: GWS-SA3B-735-U-SLR-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634248
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-42)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3B-735-U-SLR-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5473.1 lumens
Efficiency: N/A
Efficacy: 80.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G1

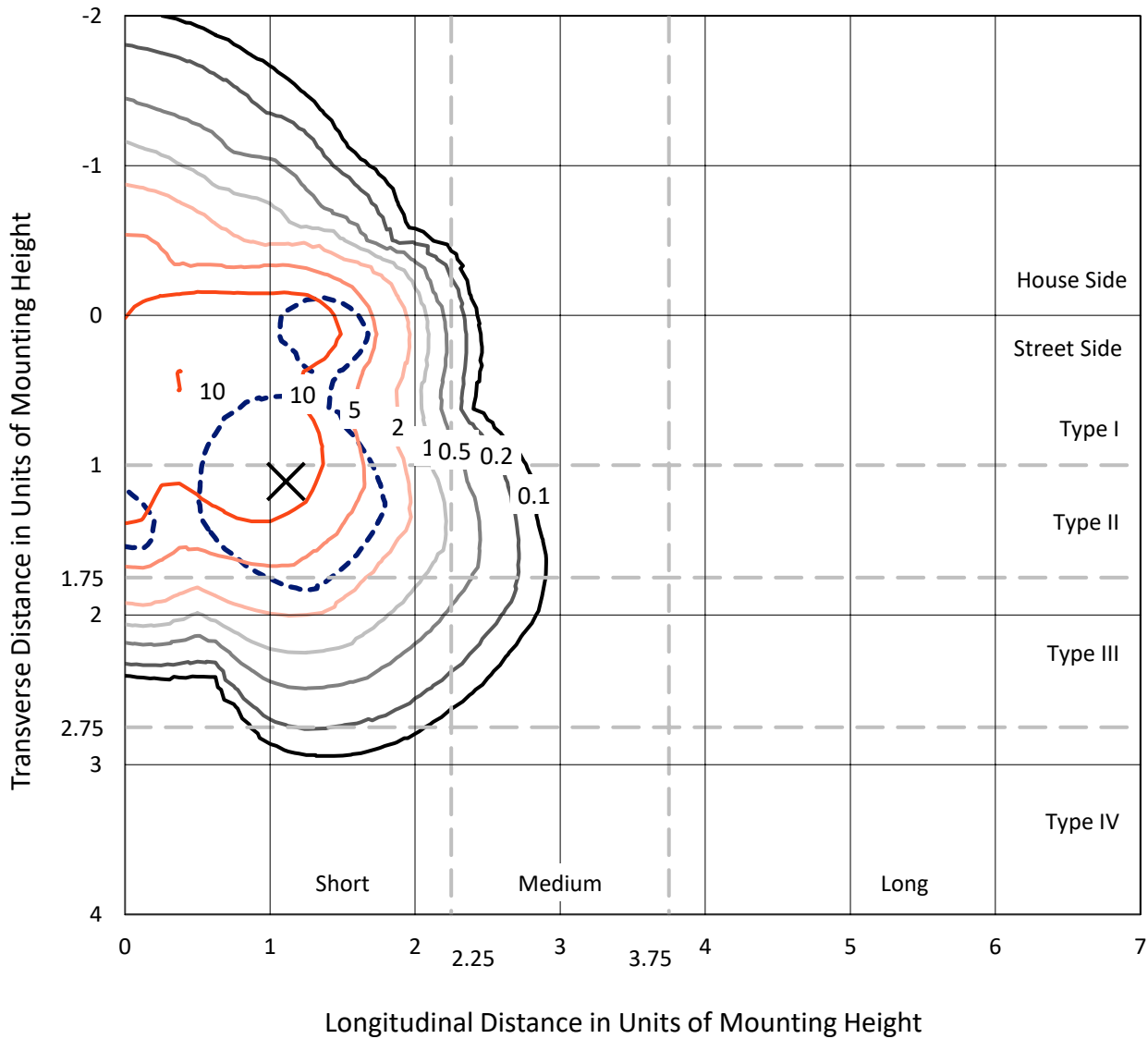
Input Watts (W): 68.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

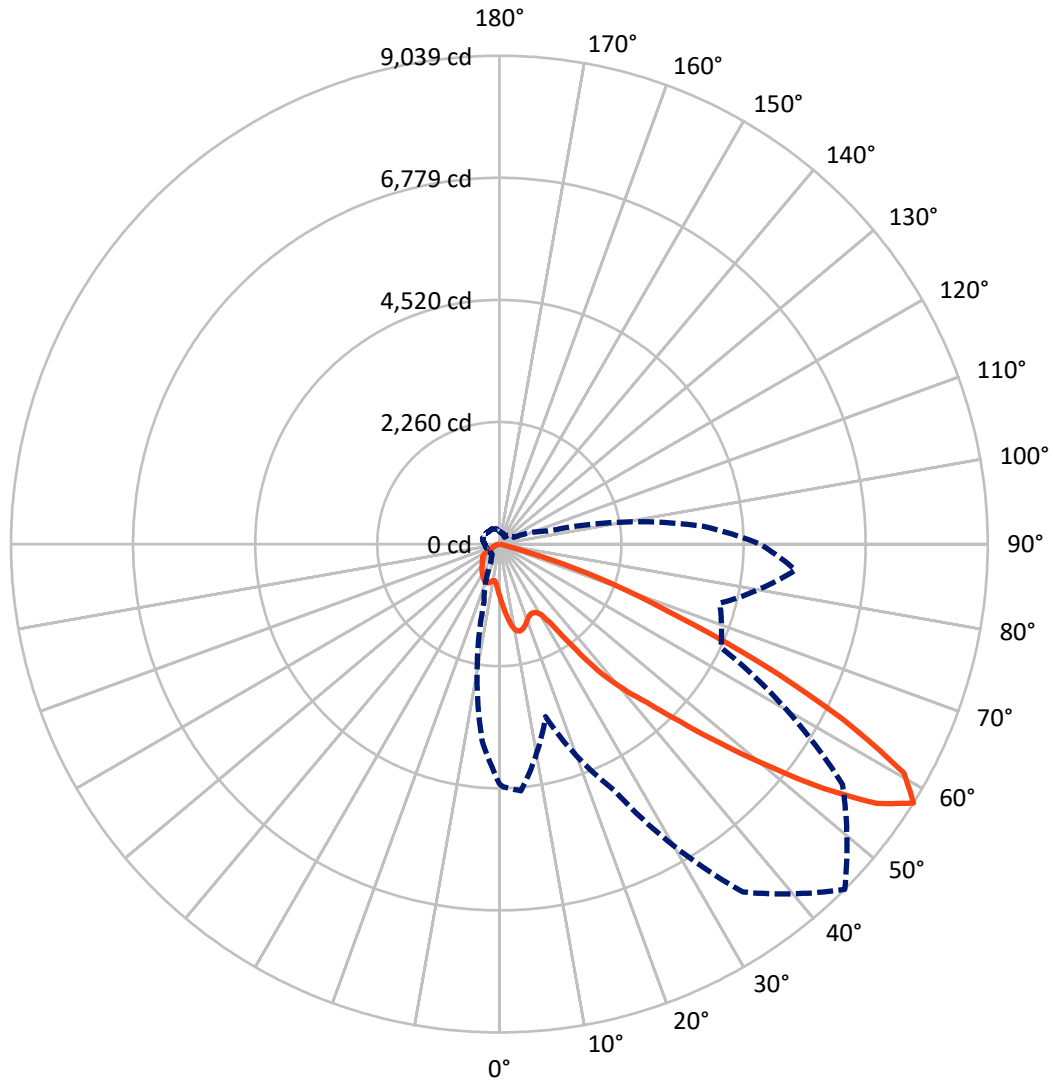
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 17.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1225.6 | 0.0 | 1225.6 |
| | % Fixture | 22.4 | 0.0 | 22.4 |
| Street Side | Lumens | 4247.5 | 0.0 | 4247.5 |
| | % Fixture | 77.6 | 0.0 | 77.6 |
| Total | Lumens | 5473.1 | 0.0 | 5473.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 94.6 | 1.7 |
| 10°-20° | 306.1 | 5.6 |
| 20°-30° | 497.3 | 9.1 |
| 30°-40° | 768.4 | 14.0 |
| 40°-50° | 1232.1 | 22.5 |
| 50°-60° | 1684.0 | 30.8 |
| 60°-70° | 815.6 | 14.9 |
| 70°-80° | 74.7 | 1.4 |
| 80°-90° | 0.2 | 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° | 5473.1 | 100.0 |
| 0°-180° | 5473.1 | 100.0 |

Coefficient of Utilization



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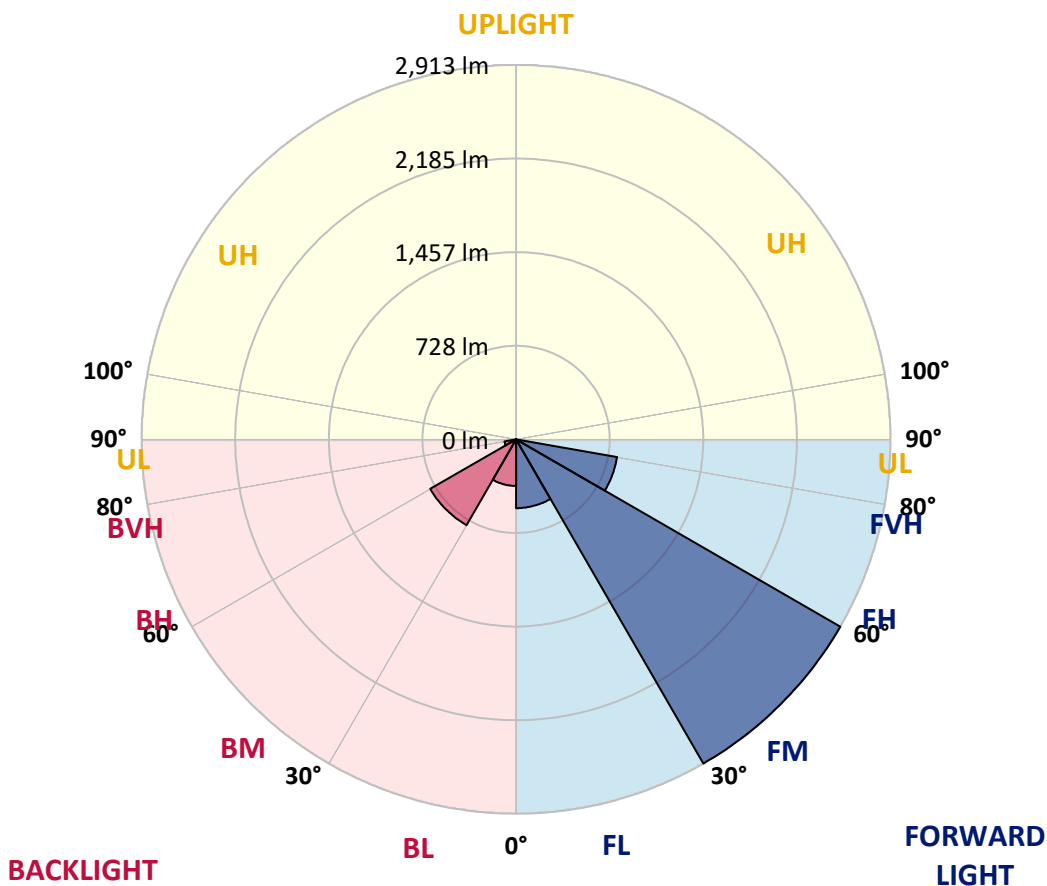
CATALOG NUMBER: GWS-SA3B-735-U-SLR-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 535.4 | 9.8 | | | |
| FM (30°-60°) | 2913.5 | 53.2 | | | |
| FH (60°-80°) | 798.4 | 14.6 | | | G1/1800 |
| FVH (80°-90°) | 0.2 | 0.0 | | | G0/10 |
| BL (0°-30°) | 362.6 | 6.6 | B1/500 | | |
| BM (30°-60°) | 771.1 | 14.1 | B1/1000 | | |
| BH (60°-80°) | 91.9 | 1.7 | 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-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 |
| 2.5° | 1042.1 | 1048.7 | 1059.8 | 1083.3 | 1103.2 | 1116.4 | 1122.3 | 1120.8 | 1112.7 | 1106.8 | 1095.1 |
| 5° | 1153.9 | 1153.9 | 1175.2 | 1228.9 | 1270.1 | 1295.8 | 1309.1 | 1301.0 | 1284.8 | 1259.1 | 1219.4 |
| 7.5° | 1251.7 | 1255.4 | 1291.4 | 1367.9 | 1430.4 | 1467.2 | 1488.5 | 1484.1 | 1455.4 | 1406.2 | 1326.7 |
| 10° | 1328.2 | 1332.6 | 1380.4 | 1473.8 | 1547.4 | 1584.9 | 1616.5 | 1619.4 | 1587.8 | 1522.4 | 1431.2 |
| 12.5° | 1402.5 | 1406.9 | 1456.9 | 1546.6 | 1611.3 | 1626.8 | 1654.7 | 1665.8 | 1657.7 | 1611.3 | 1516.5 |
| 15° | 1482.6 | 1492.9 | 1535.6 | 1602.5 | 1629.7 | 1611.3 | 1629.7 | 1649.6 | 1676.8 | 1672.4 | 1587.1 |
| 17.5° | 1561.3 | 1568.7 | 1612.1 | 1635.6 | 1605.5 | 1557.7 | 1566.5 | 1590.0 | 1651.8 | 1712.1 | 1656.9 |
| 20° | 1634.1 | 1644.4 | 1680.5 | 1649.6 | 1558.4 | 1484.1 | 1484.9 | 1515.7 | 1609.9 | 1736.4 | 1728.3 |
| 22.5° | 1710.6 | 1726.1 | 1751.8 | 1665.0 | 1515.0 | 1426.0 | 1429.7 | 1457.6 | 1576.8 | 1759.2 | 1809.2 |
| 25° | 1810.7 | 1825.4 | 1842.3 | 1703.3 | 1501.0 | 1397.3 | 1411.3 | 1437.1 | 1576.8 | 1798.2 | 1909.2 |
| 27.5° | 1946.0 | 1956.3 | 1957.0 | 1774.6 | 1525.3 | 1401.7 | 1431.2 | 1460.6 | 1623.9 | 1876.1 | 2043.1 |
| 30° | 2115.9 | 2132.0 | 2110.7 | 1885.7 | 1601.1 | 1460.6 | 1504.0 | 1540.7 | 1725.3 | 2007.8 | 2240.2 |
| 32.5° | 2322.5 | 2345.3 | 2316.6 | 2050.4 | 1759.2 | 1663.6 | 1742.3 | 1763.6 | 1887.1 | 2198.2 | 2463.7 |
| 35° | 2565.2 | 2584.3 | 2553.4 | 2278.4 | 2128.4 | 2146.0 | 2288.7 | 2261.5 | 2212.2 | 2432.8 | 2724.8 |
| 37.5° | 2831.4 | 2849.1 | 2789.5 | 2624.1 | 2674.1 | 2750.5 | 2978.5 | 2885.1 | 2726.3 | 2735.1 | 3008.0 |
| 40° | 3075.6 | 3094.7 | 3001.3 | 2999.9 | 3102.8 | 3242.6 | 3517.6 | 3388.9 | 3172.7 | 3130.8 | 3273.4 |
| 42.5° | 3328.6 | 3341.8 | 3257.3 | 3199.9 | 3433.8 | 3721.3 | 4012.6 | 3839.0 | 3468.3 | 3422.7 | 3605.9 |
| 45° | 3689.7 | 3717.7 | 3566.9 | 3298.5 | 3731.6 | 4272.2 | 4678.1 | 4339.1 | 3669.8 | 3633.1 | 4114.8 |
| 47.5° | 4220.7 | 4241.3 | 3933.9 | 3360.2 | 4008.9 | 4958.3 | 5509.9 | 4987.8 | 3847.1 | 3763.2 | 4810.5 |
| 50° | 4659.8 | 4673.7 | 4271.4 | 3427.9 | 4303.8 | 5698.2 | 6457.9 | 5757.0 | 4046.4 | 3978.7 | 5459.9 |
| 52.5° | 4983.3 | 5036.3 | 4714.9 | 3566.9 | 4691.4 | 6568.2 | 7507.4 | 6668.2 | 4357.5 | 4395.0 | 5998.3 |
| 55° | 5050.3 | 5122.3 | 5017.9 | 3652.2 | 5032.6 | 7454.4 | 8476.7 | 7483.8 | 4667.8 | 4710.5 | 6179.2 |
| 57.5° | 4438.4 | 4495.7 | 4582.5 | 3308.0 | 5024.5 | 7860.4 | 9039.3 | 7754.5 | 4526.6 | 4224.4 | 5501.8 |
| 60° | 3324.9 | 3364.6 | 3522.0 | 2528.4 | 4620.8 | 7501.5 | 8601.0 | 7294.1 | 3958.1 | 3223.4 | 4192.0 |
| 62.5° | 1971.7 | 1989.4 | 2188.7 | 1637.8 | 3835.3 | 6460.1 | 7133.0 | 6293.9 | 3127.8 | 2168.1 | 2567.4 |
| 65° | 756.8 | 749.4 | 901.6 | 808.2 | 2820.4 | 5145.9 | 5305.5 | 4798.0 | 2146.0 | 993.6 | 978.9 |
| 67.5° | 116.9 | 111.8 | 150.8 | 239.0 | 2034.2 | 3566.2 | 3500.7 | 3458.0 | 1344.4 | 231.7 | 202.2 |
| 70° | 26.5 | 26.5 | 32.4 | 70.6 | 1242.9 | 2095.3 | 2242.4 | 2137.9 | 860.5 | 49.3 | 26.5 |
| 72.5° | 12.5 | 12.5 | 15.4 | 30.2 | 450.1 | 863.4 | 1006.1 | 990.6 | 279.5 | 16.2 | 9.6 |
| 75° | 4.4 | 5.1 | 5.1 | 6.6 | 27.2 | 44.9 | 103.0 | 73.5 | 17.7 | 0.0 | 0.0 |
| 77.5° | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.7 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.7 | 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-SA3B-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0° | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 |
| 2.5° | 1069.3 | 1064.2 | 1045.1 | 1019.3 | 994.3 | 972.3 | 949.5 | 922.2 | 902.4 | 879.6 | 872.2 |
| 5° | 1188.5 | 1156.1 | 1103.9 | 1049.5 | 999.5 | 956.8 | 915.6 | 871.5 | 839.1 | 806.8 | 795.7 |
| 7.5° | 1289.2 | 1241.4 | 1156.8 | 1075.2 | 1006.8 | 946.5 | 886.9 | 826.6 | 779.6 | 741.3 | 729.6 |
| 10° | 1379.7 | 1324.5 | 1211.3 | 1110.5 | 1024.5 | 954.6 | 882.5 | 806.8 | 745.7 | 700.1 | 689.1 |
| 12.5° | 1457.6 | 1393.7 | 1257.6 | 1137.0 | 1031.8 | 951.7 | 881.8 | 821.5 | 766.3 | 714.1 | 700.1 |
| 15° | 1523.1 | 1452.5 | 1296.6 | 1154.6 | 1020.8 | 914.9 | 853.8 | 844.3 | 839.9 | 782.5 | 755.3 |
| 17.5° | 1587.1 | 1507.7 | 1328.2 | 1162.7 | 989.9 | 850.2 | 806.0 | 849.4 | 895.8 | 858.3 | 823.7 |
| 20° | 1654.0 | 1563.5 | 1360.6 | 1164.2 | 938.4 | 777.4 | 770.0 | 838.4 | 897.2 | 885.5 | 853.1 |
| 22.5° | 1732.7 | 1633.4 | 1401.0 | 1163.5 | 873.7 | 715.6 | 743.5 | 817.1 | 864.9 | 864.1 | 838.4 |
| 25° | 1846.7 | 1721.7 | 1455.4 | 1167.9 | 803.1 | 667.8 | 714.1 | 781.0 | 820.0 | 818.5 | 797.2 |
| 27.5° | 1968.8 | 1826.8 | 1526.0 | 1178.9 | 742.8 | 639.8 | 679.5 | 731.8 | 765.6 | 764.1 | 745.7 |
| 30° | 2140.1 | 1948.2 | 1593.7 | 1179.6 | 699.4 | 625.1 | 641.3 | 677.3 | 709.7 | 706.0 | 692.0 |
| 32.5° | 2348.3 | 2085.0 | 1650.3 | 1137.7 | 672.2 | 611.2 | 601.6 | 620.0 | 645.0 | 639.8 | 636.2 |
| 35° | 2599.8 | 2247.5 | 1698.9 | 1045.8 | 630.3 | 583.2 | 557.5 | 561.1 | 578.8 | 581.7 | 580.3 |
| 37.5° | 2886.6 | 2440.9 | 1759.2 | 924.4 | 573.6 | 542.8 | 508.2 | 505.2 | 515.5 | 525.1 | 532.5 |
| 40° | 3169.7 | 2658.6 | 1840.8 | 801.6 | 522.2 | 491.3 | 458.2 | 450.8 | 455.2 | 472.2 | 487.6 |
| 42.5° | 3488.2 | 2910.9 | 1929.1 | 696.5 | 486.9 | 434.6 | 403.0 | 389.0 | 401.6 | 428.8 | 447.1 |
| 45° | 3947.1 | 3264.6 | 2015.1 | 612.6 | 472.2 | 384.6 | 342.0 | 340.5 | 354.5 | 389.8 | 410.4 |
| 47.5° | 4591.4 | 3722.1 | 2071.7 | 547.2 | 471.4 | 345.7 | 294.9 | 303.7 | 319.9 | 354.5 | 378.0 |
| 50° | 5219.4 | 4295.0 | 2009.2 | 497.2 | 456.0 | 319.9 | 259.6 | 277.3 | 293.4 | 323.6 | 347.9 |
| 52.5° | 5598.2 | 4603.1 | 1765.8 | 450.1 | 408.2 | 308.1 | 225.0 | 255.9 | 258.9 | 286.1 | 311.8 |
| 55° | 5558.5 | 4403.8 | 1352.5 | 377.3 | 337.6 | 291.2 | 189.0 | 230.9 | 232.4 | 253.0 | 275.1 |
| 57.5° | 4824.5 | 3780.9 | 928.9 | 305.9 | 253.7 | 240.5 | 155.9 | 194.9 | 208.9 | 221.4 | 237.5 |
| 60° | 3595.6 | 2758.6 | 414.1 | 248.6 | 161.1 | 162.5 | 133.1 | 147.1 | 168.4 | 183.1 | 197.1 |
| 62.5° | 2118.8 | 1587.1 | 168.4 | 149.3 | 89.0 | 102.2 | 107.4 | 107.4 | 120.6 | 131.6 | 140.5 |
| 65° | 800.9 | 555.3 | 68.4 | 75.0 | 46.3 | 47.8 | 63.2 | 78.0 | 88.3 | 97.8 | 109.6 |
| 67.5° | 140.5 | 97.1 | 35.3 | 27.9 | 27.2 | 24.3 | 32.4 | 50.7 | 56.6 | 64.0 | 69.1 |
| 70° | 23.5 | 19.9 | 14.7 | 14.0 | 12.5 | 13.2 | 21.3 | 36.0 | 39.7 | 41.9 | 44.1 |
| 72.5° | 6.6 | 5.9 | 4.4 | 3.7 | 2.9 | 3.7 | 13.2 | 27.9 | 29.4 | 30.9 | 33.1 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.1 | 19.9 | 21.3 | 22.1 | 24.3 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 5.9 | 7.4 | 5.9 |
| 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-SA3B-735-U-SLR-W-GRSBK

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 | 962.0 |
| 2.5° | 867.8 | 853.1 | 845.0 | 840.6 | 840.6 | 834.7 | 828.1 | 825.9 | 835.5 | 835.5 | 851.6 |
| 5° | 781.8 | 770.0 | 756.8 | 748.7 | 736.2 | 738.4 | 731.0 | 730.3 | 739.9 | 744.3 | 761.2 |
| 7.5° | 722.2 | 707.5 | 699.4 | 694.3 | 687.6 | 684.7 | 678.1 | 675.9 | 681.0 | 688.4 | 704.6 |
| 10° | 682.5 | 680.3 | 679.5 | 683.2 | 683.2 | 679.5 | 673.7 | 670.0 | 671.5 | 685.4 | 703.8 |
| 12.5° | 692.8 | 697.2 | 698.7 | 704.6 | 707.5 | 704.6 | 700.1 | 701.6 | 711.2 | 736.9 | 764.1 |
| 15° | 737.6 | 734.0 | 732.5 | 735.4 | 737.6 | 734.7 | 733.2 | 744.3 | 777.4 | 814.1 | 845.0 |
| 17.5° | 785.5 | 761.9 | 751.6 | 751.6 | 753.1 | 751.6 | 753.1 | 774.4 | 828.1 | 864.9 | 887.7 |
| 20° | 809.7 | 766.3 | 750.1 | 746.5 | 749.4 | 750.1 | 755.3 | 779.6 | 838.4 | 864.1 | 869.3 |
| 22.5° | 802.4 | 747.9 | 729.6 | 726.6 | 729.6 | 732.5 | 737.6 | 758.2 | 813.4 | 826.6 | 824.4 |
| 25° | 765.6 | 711.9 | 697.2 | 697.2 | 703.8 | 703.1 | 705.3 | 720.0 | 765.6 | 773.7 | 770.0 |
| 27.5° | 719.3 | 668.5 | 656.0 | 663.4 | 669.3 | 667.8 | 668.5 | 681.0 | 714.8 | 717.1 | 713.4 |
| 30° | 672.2 | 628.1 | 616.3 | 625.1 | 633.2 | 631.7 | 632.5 | 645.0 | 666.3 | 664.1 | 659.0 |
| 32.5° | 624.4 | 592.0 | 583.2 | 588.4 | 600.9 | 599.4 | 602.3 | 615.6 | 623.7 | 614.1 | 608.2 |
| 35° | 580.3 | 563.3 | 556.7 | 559.7 | 569.2 | 571.4 | 576.6 | 585.4 | 585.4 | 573.6 | 563.3 |
| 37.5° | 539.1 | 536.9 | 532.5 | 528.8 | 537.6 | 544.2 | 551.6 | 561.9 | 547.2 | 530.3 | 520.7 |
| 40° | 500.8 | 510.4 | 504.5 | 495.0 | 500.1 | 509.7 | 524.4 | 532.5 | 514.8 | 497.9 | 481.7 |
| 42.5° | 465.5 | 481.7 | 479.5 | 467.7 | 472.2 | 481.0 | 497.9 | 504.5 | 483.9 | 464.8 | 449.4 |
| 45° | 431.7 | 454.5 | 456.0 | 441.3 | 445.7 | 454.5 | 474.4 | 476.6 | 450.1 | 429.5 | 418.5 |
| 47.5° | 402.3 | 427.3 | 428.0 | 417.0 | 418.5 | 431.0 | 449.4 | 450.1 | 419.9 | 400.8 | 386.8 |
| 50° | 374.3 | 403.0 | 405.2 | 395.7 | 397.1 | 411.8 | 427.3 | 424.3 | 392.0 | 372.1 | 359.6 |
| 52.5° | 340.5 | 379.5 | 384.6 | 380.2 | 386.1 | 397.9 | 407.4 | 397.1 | 359.6 | 339.8 | 328.7 |
| 55° | 303.7 | 354.5 | 365.5 | 362.6 | 369.2 | 378.8 | 381.0 | 374.3 | 327.3 | 307.4 | 297.1 |
| 57.5° | 261.1 | 292.0 | 311.1 | 305.2 | 310.4 | 319.9 | 326.5 | 321.4 | 286.1 | 270.6 | 261.8 |
| 60° | 216.2 | 236.8 | 241.2 | 231.7 | 227.3 | 244.2 | 259.6 | 253.0 | 222.8 | 213.3 | 203.0 |
| 62.5° | 158.1 | 181.7 | 184.6 | 172.1 | 166.9 | 185.3 | 198.6 | 191.9 | 158.9 | 148.6 | 140.5 |
| 65° | 126.5 | 148.6 | 154.4 | 142.7 | 139.7 | 153.7 | 161.8 | 145.6 | 122.1 | 111.1 | 102.2 |
| 67.5° | 83.1 | 100.8 | 116.2 | 115.5 | 109.6 | 114.0 | 108.1 | 94.9 | 78.0 | 72.1 | 66.2 |
| 70° | 51.5 | 61.8 | 71.3 | 75.0 | 74.3 | 72.8 | 64.7 | 55.2 | 50.0 | 47.8 | 44.9 |
| 72.5° | 39.7 | 50.0 | 57.4 | 59.6 | 60.3 | 58.1 | 51.5 | 42.7 | 37.5 | 34.6 | 32.4 |
| 75° | 29.4 | 37.5 | 43.4 | 46.3 | 47.8 | 46.3 | 39.7 | 33.8 | 28.7 | 26.5 | 24.3 |
| 77.5° | 10.3 | 12.5 | 15.4 | 16.9 | 16.2 | 15.4 | 14.0 | 14.0 | 11.0 | 10.3 | 8.8 |
| 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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| 65° | 92.7 | 78.7 | 64.0 | 53.7 | 53.0 | 57.4 | 122.1 | 551.6 | 670.7 | 756.8 |
| 67.5° | 61.0 | 47.8 | 33.8 | 33.8 | 38.2 | 38.2 | 46.3 | 91.2 | 128.0 | 116.9 |
| 70° | 39.7 | 33.1 | 21.3 | 20.6 | 25.0 | 25.0 | 23.5 | 25.0 | 26.5 | 26.5 |
| 72.5° | 29.4 | 25.0 | 12.5 | 11.0 | 14.0 | 14.7 | 13.2 | 12.5 | 12.5 | 12.5 |
| 75° | 22.1 | 17.7 | 7.4 | 5.1 | 6.6 | 8.8 | 7.4 | 5.1 | 5.1 | 4.4 |
| 77.5° | 8.8 | 6.6 | 2.9 | 2.2 | 3.7 | 5.1 | 4.4 | 2.2 | 1.5 | 1.5 |
| 80° | 0.7 | 1.5 | 1.5 | 1.5 | 2.2 | 2.9 | 3.7 | 1.5 | 0.7 | 0.7 |
| 82.5° | 0.0 | 0.7 | 0.7 | 0.7 | 1.5 | 2.2 | 2.9 | 1.5 | 0.7 | 0.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 2.2 | 1.5 | 0.7 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 2.2 | 1.5 | 0.7 | 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 |

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