

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: STREETWORKS

Report Number: P385494

Luminaire Tested: GAW-SA1A-735-U-SLL-HSS

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385494
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-27)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GAW-SA1A-735-U-SLL-HSS
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3465.4 lumens
Efficiency: N/A
Efficacy: 101.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

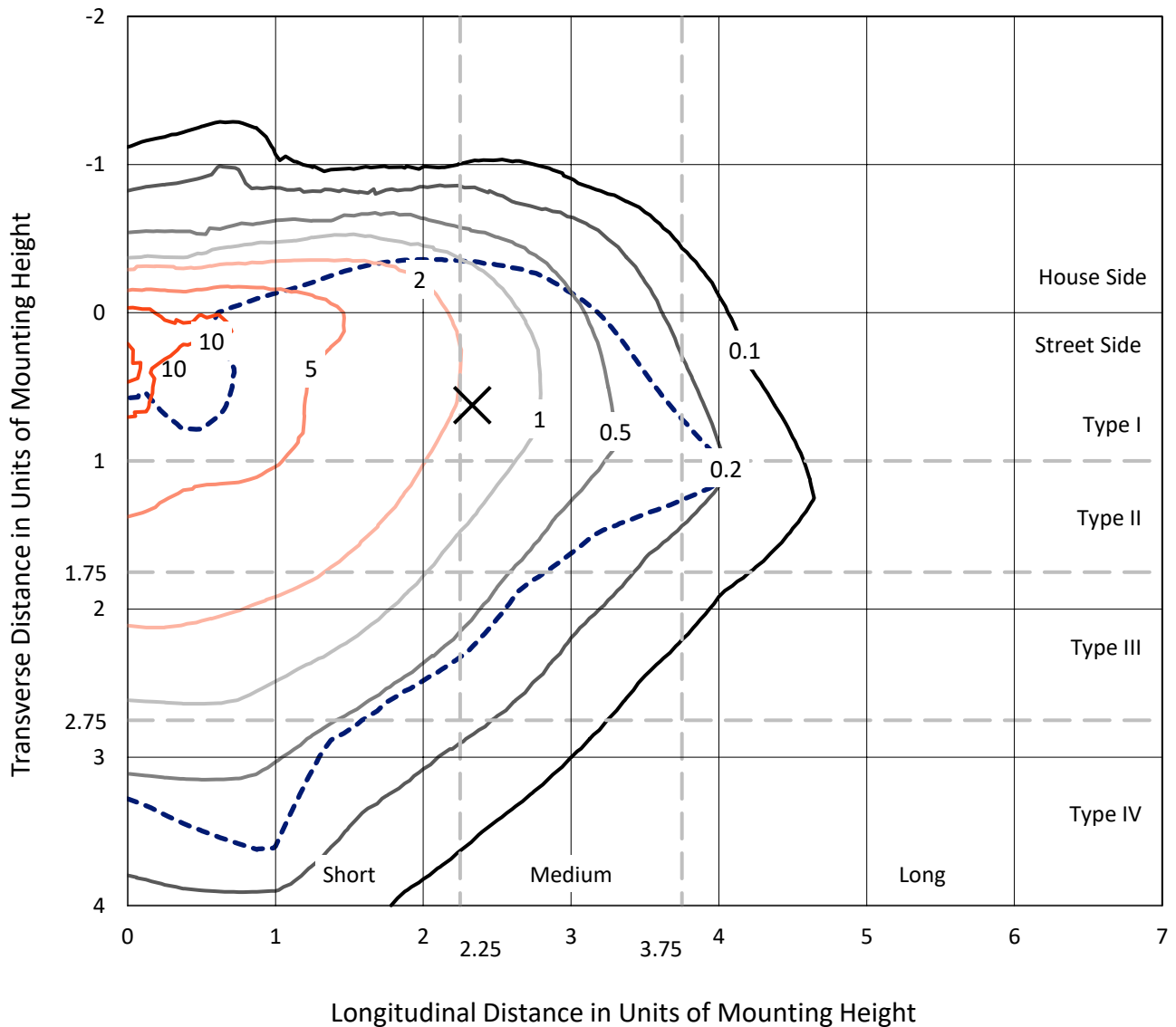
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

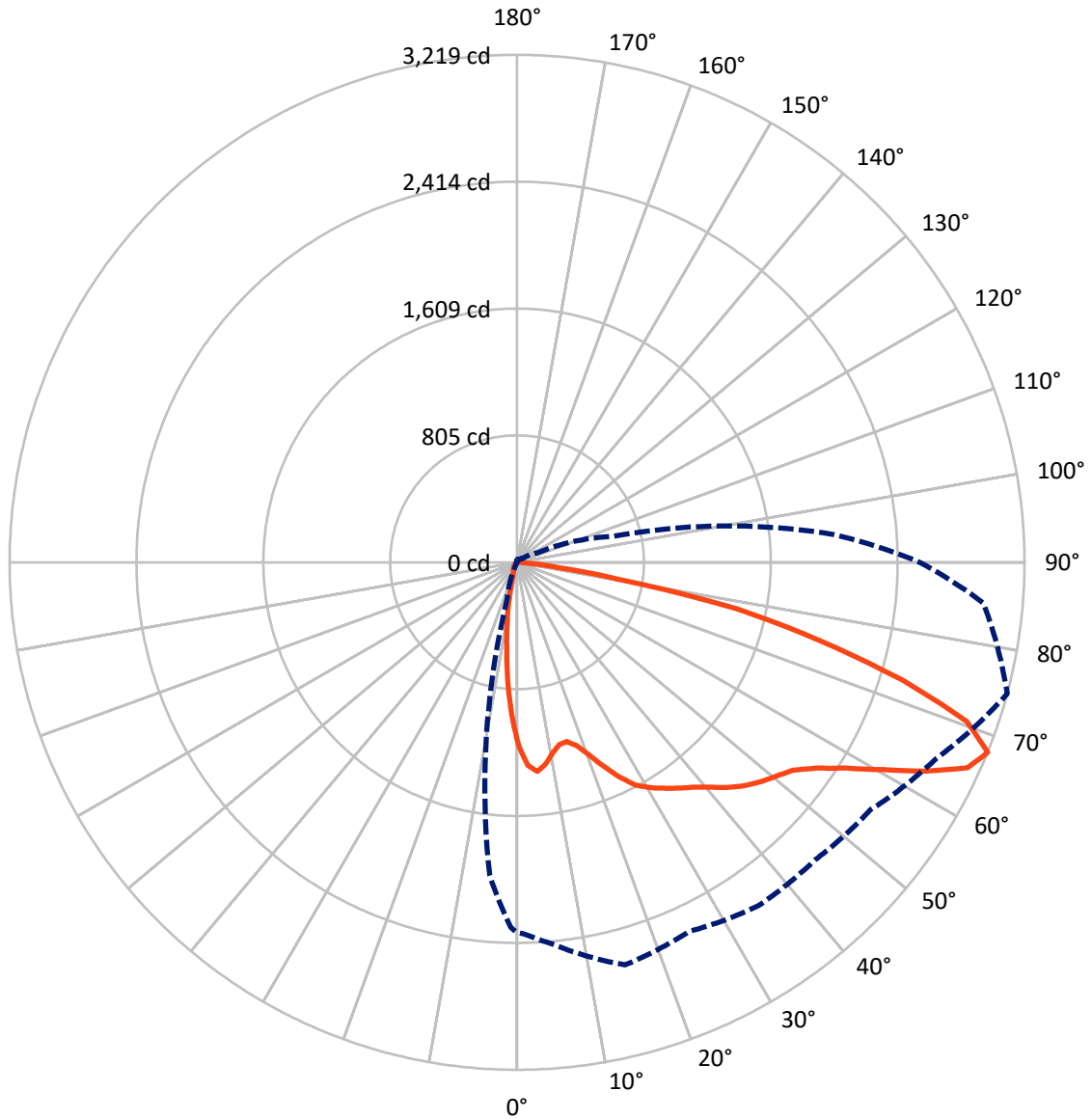
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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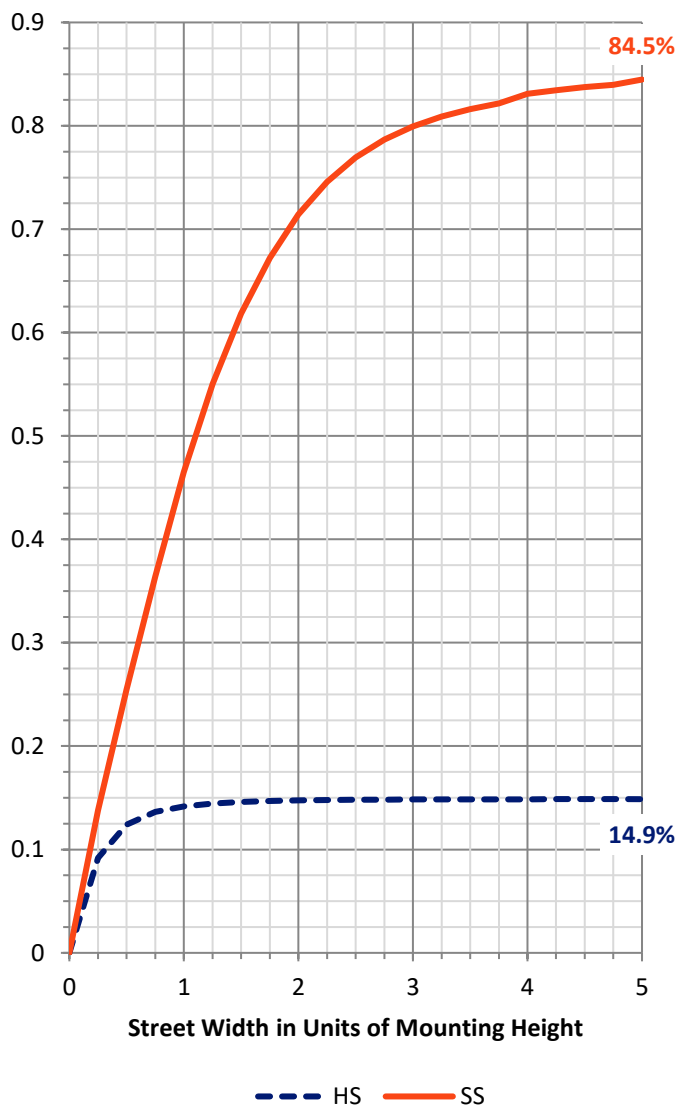
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 520.0 | 0.0 | 520.0 |
| | % Fixture | 15.0 | 0.0 | 15.0 |
| Street Side | Lumens | 2945.4 | 0.0 | 2945.4 |
| | % Fixture | 85.0 | 0.0 | 85.0 |
| Total | Lumens | 3465.4 | 0.0 | 3465.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 88.2 | 2.5 |
| 10°-20° | 173.6 | 5.0 |
| 20°-30° | 245.7 | 7.1 |
| 30°-40° | 361.2 | 10.4 |
| 40°-50° | 519.1 | 15.0 |
| 50°-60° | 730.8 | 21.1 |
| 60°-70° | 853.5 | 24.6 |
| 70°-80° | 435.4 | 12.6 |
| 80°-90° | 57.8 | 1.7 |
| 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° | 3465.4 | 100.0 |
| 0°-180° | 3465.4 | 100.0 |

Coefficient of Utilization



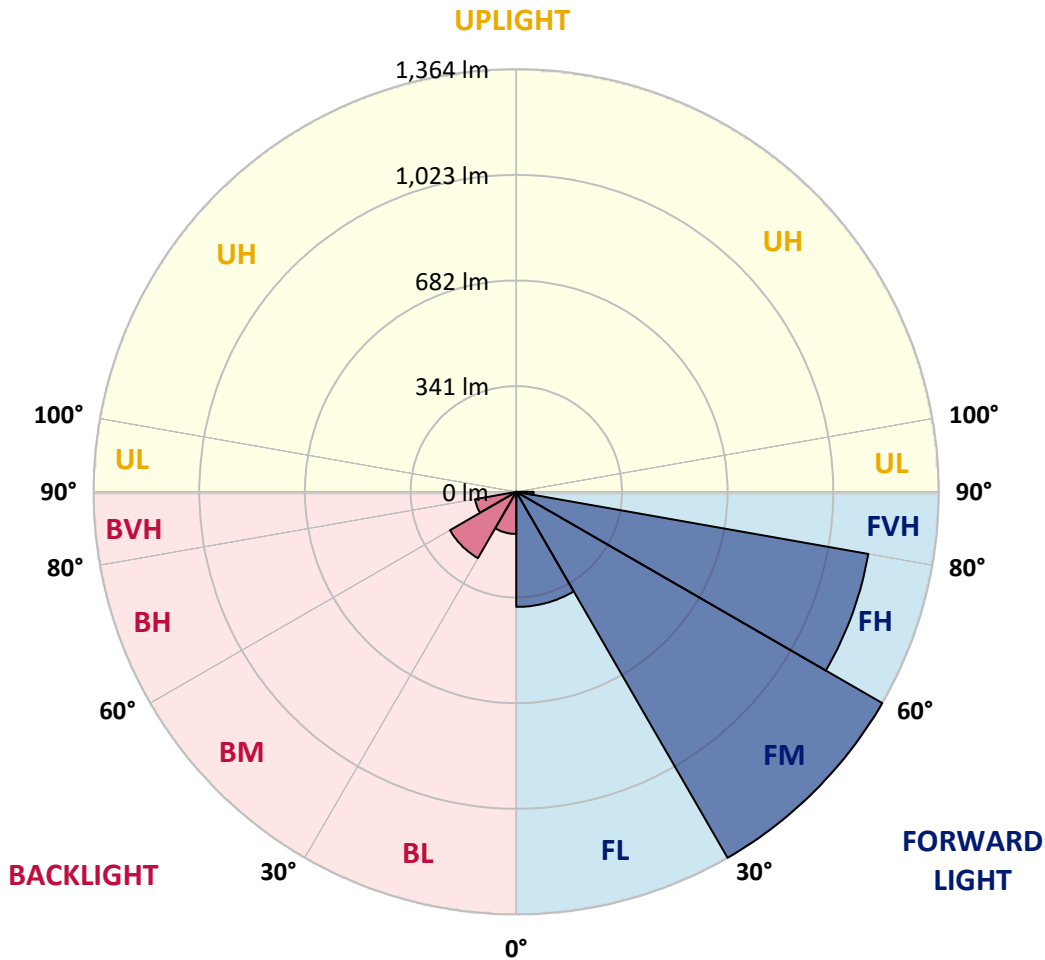
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 371.5 | 10.7 | | | |
| FM (30°-60°) | 1363.9 | 39.4 | | | |
| FH (60°-80°) | 1153.9 | 33.3 | | | G1/1800 |
| FVH (80°-90°) | 56.1 | 1.6 | | | G1/100 |
| BL (0°-30°) | 136.0 | 3.9 | B1/500 | | |
| BM (30°-60°) | 247.2 | 7.1 | B1/1000 | | |
| BH (60°-80°) | 135.1 | 3.9 | B1/500 | | G1/500 |
| BVH (80°-90°) | 1.8 | 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-G1

Type III Medium





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 |
| 2.5° | 1260.3 | 1262.3 | 1272.4 | 1296.1 | 1321.8 | 1323.8 | 1341.2 | 1323.3 | 1317.2 | 1288.4 | 1258.5 |
| 5° | 1269.8 | 1277.3 | 1312.3 | 1381.8 | 1442.0 | 1461.3 | 1475.1 | 1440.0 | 1403.1 | 1332.5 | 1257.2 |
| 7.5° | 1193.1 | 1205.8 | 1260.8 | 1391.1 | 1498.8 | 1546.4 | 1555.4 | 1500.4 | 1409.9 | 1293.7 | 1180.4 |
| 10° | 1095.0 | 1109.4 | 1175.7 | 1335.9 | 1483.9 | 1565.4 | 1577.9 | 1505.8 | 1375.8 | 1231.1 | 1097.6 |
| 12.5° | 1015.5 | 1032.4 | 1100.2 | 1273.9 | 1432.5 | 1522.8 | 1547.4 | 1487.6 | 1346.2 | 1186.5 | 1040.9 |
| 15° | 978.8 | 998.3 | 1069.5 | 1233.8 | 1375.6 | 1446.6 | 1467.0 | 1441.2 | 1329.9 | 1179.5 | 1027.8 |
| 17.5° | 999.9 | 1020.9 | 1094.5 | 1237.3 | 1322.0 | 1352.4 | 1368.8 | 1379.3 | 1329.9 | 1222.1 | 1066.2 |
| 20° | 1086.1 | 1108.8 | 1186.5 | 1272.2 | 1277.7 | 1266.3 | 1283.9 | 1320.9 | 1345.3 | 1302.8 | 1158.5 |
| 22.5° | 1205.2 | 1231.8 | 1319.7 | 1332.2 | 1256.0 | 1213.1 | 1215.5 | 1273.4 | 1373.4 | 1405.2 | 1286.5 |
| 25° | 1350.6 | 1383.1 | 1472.4 | 1421.5 | 1265.0 | 1181.5 | 1180.6 | 1234.4 | 1400.8 | 1507.8 | 1429.2 |
| 27.5° | 1494.9 | 1530.6 | 1609.1 | 1530.5 | 1302.3 | 1175.7 | 1174.1 | 1222.5 | 1427.5 | 1599.1 | 1584.9 |
| 30° | 1615.9 | 1650.6 | 1718.2 | 1609.5 | 1342.5 | 1189.2 | 1181.3 | 1235.1 | 1443.5 | 1658.3 | 1698.6 |
| 32.5° | 1714.3 | 1742.2 | 1796.9 | 1663.8 | 1385.5 | 1215.3 | 1198.2 | 1268.9 | 1470.5 | 1708.4 | 1803.0 |
| 35° | 1822.7 | 1852.1 | 1873.9 | 1715.5 | 1433.8 | 1252.9 | 1228.4 | 1322.7 | 1512.2 | 1759.3 | 1917.4 |
| 37.5° | 1946.3 | 1975.5 | 1972.9 | 1762.8 | 1495.0 | 1315.1 | 1299.5 | 1407.7 | 1577.1 | 1809.7 | 2045.2 |
| 40° | 2067.3 | 2097.2 | 2075.8 | 1814.4 | 1566.9 | 1417.7 | 1406.2 | 1535.4 | 1663.9 | 1874.2 | 2194.8 |
| 42.5° | 2180.5 | 2212.9 | 2167.3 | 1863.4 | 1652.6 | 1547.1 | 1566.7 | 1699.9 | 1772.6 | 1953.7 | 2323.9 |
| 45° | 2271.8 | 2304.8 | 2243.9 | 1911.0 | 1742.9 | 1704.0 | 1763.2 | 1882.1 | 1903.3 | 2020.8 | 2411.0 |
| 47.5° | 2338.2 | 2369.3 | 2297.1 | 1958.6 | 1858.5 | 1895.9 | 1999.1 | 2073.1 | 2021.3 | 2079.1 | 2473.0 |
| 50° | 2380.5 | 2404.8 | 2312.7 | 2018.2 | 2010.1 | 2119.8 | 2244.9 | 2281.0 | 2132.4 | 2131.7 | 2548.1 |
| 52.5° | 2407.4 | 2418.5 | 2324.2 | 2080.4 | 2168.4 | 2363.6 | 2485.5 | 2496.9 | 2246.8 | 2189.4 | 2649.4 |
| 55° | 2500.2 | 2509.0 | 2405.6 | 2155.7 | 2299.3 | 2577.1 | 2703.2 | 2692.8 | 2376.4 | 2302.5 | 2768.9 |
| 57.5° | 2658.4 | 2667.8 | 2573.8 | 2264.1 | 2405.1 | 2709.1 | 2861.0 | 2879.9 | 2528.3 | 2461.4 | 2897.0 |
| 60° | 2737.9 | 2755.2 | 2721.8 | 2401.4 | 2507.7 | 2793.6 | 2968.5 | 3028.8 | 2718.0 | 2670.9 | 3021.1 |
| 62.5° | 2665.8 | 2691.1 | 2739.6 | 2553.6 | 2609.6 | 2840.0 | 3002.0 | 3082.2 | 2912.4 | 2915.0 | 3097.6 |
| 65° | 2522.0 | 2542.2 | 2624.6 | 2636.9 | 2668.7 | 2834.2 | 2919.3 | 3007.6 | 3031.4 | 3139.3 | 3093.4 |
| 67.5° | 2348.3 | 2355.9 | 2425.8 | 2643.5 | 2583.1 | 2661.6 | 2670.7 | 2736.1 | 2937.3 | 3218.7 | 2969.1 |
| 70° | 2098.3 | 2102.5 | 2163.5 | 2423.6 | 2219.8 | 2237.1 | 2223.4 | 2236.7 | 2525.3 | 3025.1 | 2655.5 |
| 72.5° | 1688.7 | 1699.1 | 1785.9 | 2012.7 | 1617.2 | 1567.4 | 1674.5 | 1668.6 | 1944.8 | 2555.8 | 1972.3 |
| 75° | 1243.4 | 1261.2 | 1392.4 | 1621.3 | 1135.0 | 1026.7 | 1104.8 | 1125.7 | 1382.6 | 1977.0 | 1233.3 |
| 77.5° | 870.5 | 883.9 | 1010.9 | 1191.8 | 821.5 | 734.1 | 705.9 | 730.7 | 912.5 | 1430.1 | 621.3 |
| 80° | 501.5 | 506.4 | 587.5 | 688.2 | 553.6 | 633.3 | 573.8 | 590.8 | 546.8 | 636.3 | 267.3 |
| 82.5° | 328.1 | 329.0 | 360.6 | 409.6 | 344.8 | 400.6 | 296.5 | 379.0 | 336.4 | 255.6 | 87.0 |
| 85° | 177.3 | 178.3 | 209.1 | 290.7 | 195.2 | 110.3 | 64.8 | 133.1 | 208.0 | 58.6 | 23.8 |
| 87.5° | 19.5 | 17.8 | 63.0 | 105.7 | 54.2 | 10.1 | 3.5 | 14.9 | 33.3 | 3.8 | 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° | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 |
| 2.5° | 1243.2 | 1229.6 | 1195.6 | 1159.7 | 1130.7 | 1103.7 | 1076.5 | 1043.1 | 1017.3 | 1012.0 | 1003.6 |
| 5° | 1216.6 | 1173.4 | 1102.2 | 1030.6 | 973.0 | 900.2 | 854.1 | 818.2 | 783.1 | 780.9 | 773.9 |
| 7.5° | 1123.7 | 1066.9 | 966.5 | 867.6 | 786.5 | 717.2 | 647.2 | 600.5 | 563.7 | 550.8 | 543.1 |
| 10° | 1034.4 | 970.5 | 845.3 | 732.4 | 659.9 | 598.7 | 549.5 | 500.5 | 456.2 | 425.6 | 411.9 |
| 12.5° | 972.0 | 901.4 | 763.4 | 666.0 | 614.1 | 556.0 | 495.9 | 434.8 | 383.8 | 347.0 | 324.6 |
| 15° | 947.8 | 872.5 | 735.9 | 639.7 | 575.8 | 502.2 | 425.4 | 355.6 | 298.9 | 265.6 | 245.5 |
| 17.5° | 976.6 | 888.9 | 733.8 | 607.7 | 518.3 | 426.9 | 341.9 | 259.6 | 206.2 | 180.9 | 168.0 |
| 20° | 1049.5 | 941.2 | 733.0 | 568.5 | 450.0 | 337.5 | 231.7 | 170.7 | 138.4 | 124.3 | 118.2 |
| 22.5° | 1152.5 | 1007.8 | 739.6 | 529.7 | 378.9 | 241.1 | 159.9 | 125.4 | 108.9 | 101.3 | 97.9 |
| 25° | 1285.2 | 1101.3 | 758.1 | 494.6 | 312.1 | 179.9 | 124.6 | 105.0 | 93.4 | 87.5 | 85.0 |
| 27.5° | 1426.6 | 1209.1 | 787.0 | 464.1 | 257.8 | 143.4 | 106.7 | 90.0 | 81.6 | 77.5 | 75.2 |
| 30° | 1543.1 | 1333.8 | 816.2 | 430.1 | 218.3 | 125.1 | 97.7 | 82.1 | 72.4 | 69.8 | 67.6 |
| 32.5° | 1645.1 | 1428.2 | 836.9 | 399.4 | 192.6 | 111.1 | 88.3 | 73.4 | 66.8 | 61.7 | 59.5 |
| 35° | 1750.7 | 1506.9 | 836.2 | 377.9 | 174.8 | 100.6 | 80.4 | 65.7 | 57.8 | 51.9 | 50.1 |
| 37.5° | 1864.9 | 1595.7 | 822.0 | 359.5 | 167.1 | 92.2 | 76.0 | 61.5 | 53.6 | 47.8 | 45.5 |
| 40° | 1998.7 | 1688.9 | 807.3 | 342.3 | 165.0 | 85.5 | 72.9 | 58.2 | 49.9 | 44.2 | 41.9 |
| 42.5° | 2129.0 | 1772.9 | 794.5 | 329.4 | 155.8 | 85.4 | 70.1 | 55.8 | 47.0 | 41.3 | 38.7 |
| 45° | 2233.2 | 1851.3 | 792.1 | 321.7 | 146.1 | 88.3 | 68.6 | 54.2 | 44.6 | 39.1 | 36.6 |
| 47.5° | 2319.9 | 1936.3 | 807.9 | 316.3 | 136.9 | 80.6 | 72.2 | 53.0 | 42.6 | 37.1 | 34.3 |
| 50° | 2423.0 | 2040.6 | 845.0 | 307.5 | 127.2 | 72.5 | 82.8 | 53.4 | 40.7 | 35.1 | 32.2 |
| 52.5° | 2566.8 | 2185.1 | 899.5 | 292.5 | 113.9 | 65.2 | 81.4 | 53.6 | 38.7 | 33.0 | 30.1 |
| 55° | 2728.0 | 2365.6 | 958.1 | 267.7 | 95.3 | 55.5 | 69.8 | 51.4 | 34.9 | 30.7 | 27.9 |
| 57.5° | 2897.5 | 2529.2 | 992.8 | 238.2 | 75.8 | 47.9 | 55.8 | 46.8 | 30.9 | 27.6 | 25.7 |
| 60° | 2924.1 | 2591.4 | 977.0 | 201.9 | 60.2 | 41.7 | 41.3 | 47.6 | 27.6 | 24.3 | 23.0 |
| 62.5° | 2857.9 | 2513.3 | 899.9 | 169.6 | 50.4 | 36.6 | 34.0 | 41.5 | 25.0 | 21.7 | 20.4 |
| 65° | 2730.6 | 2302.1 | 775.2 | 152.8 | 46.8 | 31.4 | 28.3 | 29.2 | 21.8 | 18.9 | 17.8 |
| 67.5° | 2553.6 | 2020.0 | 636.4 | 143.4 | 46.3 | 27.0 | 24.1 | 22.2 | 18.9 | 16.4 | 15.4 |
| 70° | 2191.9 | 1682.8 | 507.7 | 138.1 | 45.0 | 22.6 | 20.4 | 18.0 | 15.8 | 14.0 | 13.2 |
| 72.5° | 1613.2 | 1192.5 | 395.0 | 132.4 | 45.3 | 18.0 | 17.8 | 14.9 | 12.7 | 10.8 | 10.5 |
| 75° | 932.1 | 681.2 | 259.1 | 107.2 | 43.2 | 14.0 | 14.7 | 10.5 | 8.8 | 7.5 | 7.5 |
| 77.5° | 496.8 | 415.5 | 98.6 | 44.6 | 15.8 | 8.8 | 8.4 | 6.2 | 5.5 | 4.6 | 4.4 |
| 80° | 216.5 | 182.9 | 29.7 | 12.5 | 8.7 | 4.8 | 3.1 | 2.8 | 2.4 | 2.0 | 1.8 |
| 82.5° | 76.7 | 66.1 | 9.7 | 6.1 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 17.4 | 12.5 | 0.0 | 1.5 | 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: GAW-SA1A-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 | 1162.6 |
| 2.5° | 986.1 | 982.5 | 961.2 | 961.9 | 965.8 | 971.1 | 958.4 | 964.3 | 980.2 | 995.5 | 1001.2 |
| 5° | 762.5 | 763.4 | 750.4 | 758.5 | 765.6 | 770.6 | 749.9 | 750.2 | 762.9 | 780.1 | 789.1 |
| 7.5° | 537.3 | 536.0 | 536.7 | 555.8 | 569.5 | 559.6 | 567.3 | 540.6 | 542.2 | 554.5 | 545.3 |
| 10° | 399.4 | 381.3 | 371.2 | 385.6 | 400.6 | 395.1 | 381.9 | 373.1 | 379.2 | 392.9 | 391.8 |
| 12.5° | 313.9 | 287.9 | 272.7 | 262.4 | 274.7 | 264.4 | 264.2 | 256.5 | 248.4 | 249.9 | 271.7 |
| 15° | 236.1 | 217.2 | 199.2 | 182.5 | 182.2 | 178.8 | 161.2 | 141.5 | 139.9 | 140.8 | 152.2 |
| 17.5° | 162.3 | 155.9 | 148.6 | 134.2 | 130.5 | 116.0 | 99.0 | 91.1 | 87.2 | 89.0 | 92.7 |
| 20° | 114.1 | 111.6 | 112.4 | 104.7 | 99.3 | 85.5 | 75.5 | 72.4 | 71.8 | 73.6 | 75.3 |
| 22.5° | 94.6 | 90.1 | 89.6 | 86.1 | 80.8 | 70.7 | 65.4 | 63.5 | 62.8 | 64.3 | 65.7 |
| 25° | 82.8 | 78.3 | 76.5 | 74.4 | 68.6 | 61.7 | 58.4 | 56.8 | 56.0 | 56.9 | 57.8 |
| 27.5° | 72.9 | 68.8 | 67.2 | 65.7 | 60.1 | 55.1 | 52.5 | 51.0 | 50.4 | 50.7 | 51.6 |
| 30° | 65.5 | 61.9 | 59.7 | 58.0 | 53.2 | 49.7 | 47.4 | 45.9 | 45.3 | 45.3 | 46.1 |
| 32.5° | 57.8 | 55.8 | 53.8 | 51.6 | 47.2 | 44.8 | 42.6 | 40.9 | 40.2 | 40.4 | 41.1 |
| 35° | 48.1 | 47.4 | 47.9 | 45.8 | 42.0 | 40.0 | 37.8 | 36.0 | 35.4 | 35.6 | 36.3 |
| 37.5° | 42.6 | 39.7 | 41.5 | 40.4 | 38.2 | 35.6 | 32.7 | 31.0 | 30.2 | 30.7 | 31.0 |
| 40° | 39.3 | 35.6 | 34.3 | 35.4 | 35.1 | 30.9 | 28.3 | 26.6 | 25.9 | 26.1 | 26.4 |
| 42.5° | 36.3 | 32.0 | 29.0 | 28.9 | 30.9 | 27.0 | 24.1 | 22.6 | 21.8 | 21.8 | 22.2 |
| 45° | 33.4 | 28.9 | 25.3 | 22.5 | 25.9 | 22.8 | 20.2 | 18.9 | 17.8 | 17.8 | 18.0 |
| 47.5° | 31.4 | 26.3 | 22.0 | 18.4 | 19.5 | 18.7 | 16.5 | 15.3 | 14.3 | 14.3 | 14.5 |
| 50° | 29.4 | 23.7 | 19.1 | 15.4 | 14.7 | 15.4 | 13.4 | 12.0 | 11.4 | 11.2 | 11.5 |
| 52.5° | 27.2 | 21.0 | 16.3 | 13.2 | 11.5 | 11.6 | 10.5 | 9.5 | 8.7 | 8.7 | 9.0 |
| 55° | 25.1 | 18.9 | 14.1 | 11.2 | 9.5 | 8.7 | 8.4 | 7.7 | 7.0 | 7.0 | 7.4 |
| 57.5° | 23.0 | 16.5 | 12.0 | 9.2 | 7.5 | 6.9 | 6.9 | 6.4 | 5.9 | 5.9 | 6.2 |
| 60° | 21.0 | 14.3 | 9.9 | 7.5 | 5.9 | 5.7 | 5.9 | 5.4 | 5.1 | 5.1 | 5.4 |
| 62.5° | 18.7 | 12.1 | 8.1 | 6.2 | 4.8 | 4.6 | 5.1 | 4.8 | 4.4 | 4.4 | 4.8 |
| 65° | 16.0 | 10.3 | 6.4 | 4.8 | 3.6 | 3.6 | 4.2 | 3.9 | 3.6 | 3.6 | 3.9 |
| 67.5° | 13.4 | 8.7 | 4.9 | 3.5 | 2.6 | 2.8 | 3.6 | 3.3 | 3.1 | 3.1 | 3.5 |
| 70° | 11.2 | 6.8 | 3.5 | 2.2 | 1.5 | 2.2 | 2.8 | 2.8 | 2.8 | 2.8 | 3.1 |
| 72.5° | 8.4 | 4.6 | 2.0 | 0.8 | 0.7 | 1.5 | 2.3 | 2.6 | 2.4 | 2.4 | 2.9 |
| 75° | 5.4 | 2.6 | 0.7 | 0.0 | 0.0 | 0.8 | 1.8 | 2.2 | 2.2 | 2.0 | 2.4 |
| 77.5° | 3.1 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 0.9 | 0.8 | 0.7 | 1.1 |
| 80° | 0.8 | 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° | 5.3 | 6.6 | 7.4 | 8.2 | 10.1 | 14.5 | 330.0 | 2191.5 | 2482.4 | 2522.0 |
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