

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P324243

Luminaire Tested: **GAN-SA9B-760-U-SLL-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P324243  
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 (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAN-SA9B-760-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 5700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 37874 lumens  
Efficiency: N/A  
Efficacy: 101.3 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

Input Watts (W): 374  
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: 24 FT

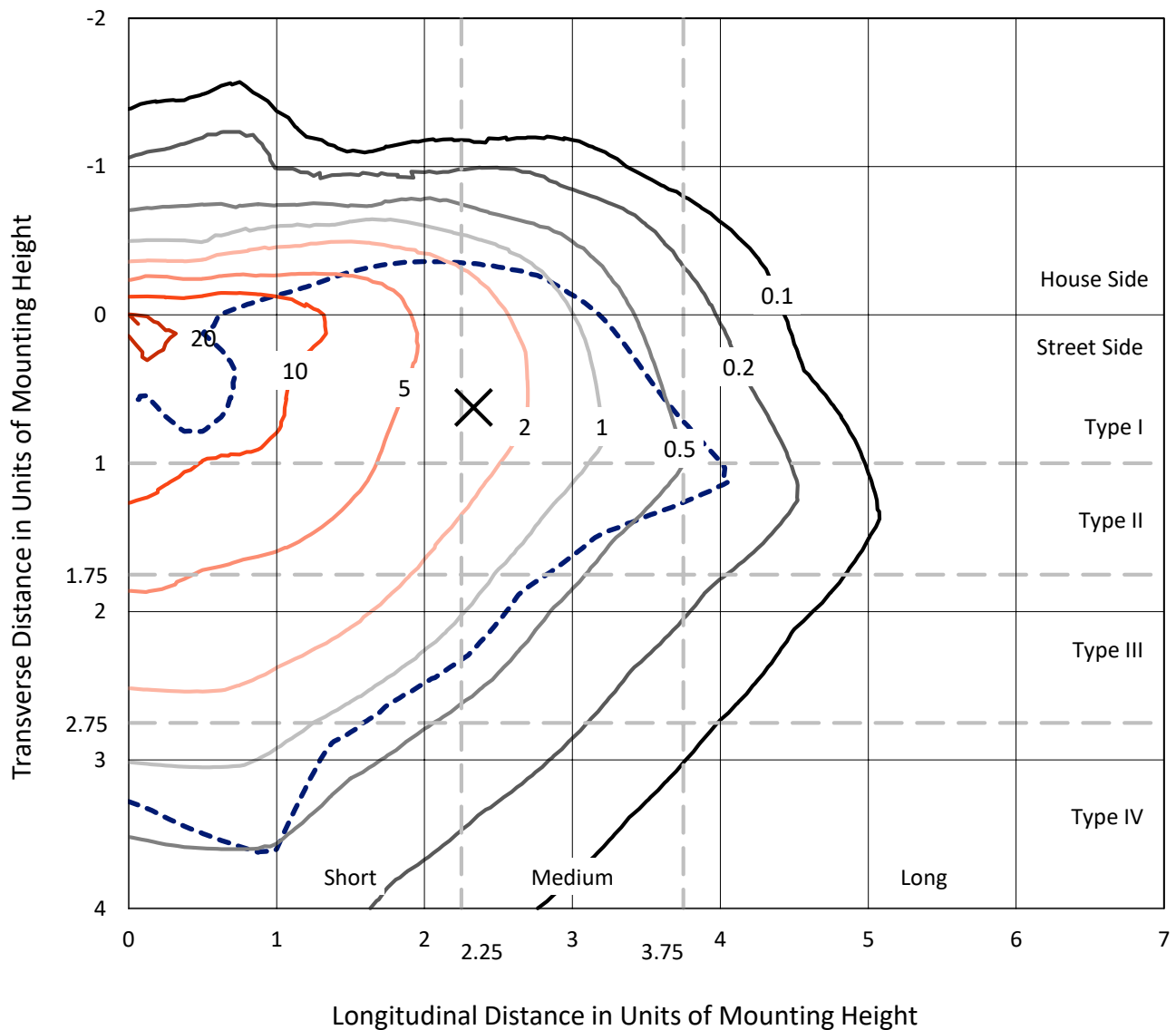


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## Iso-Footcandle Lines of Horizontal Illumination

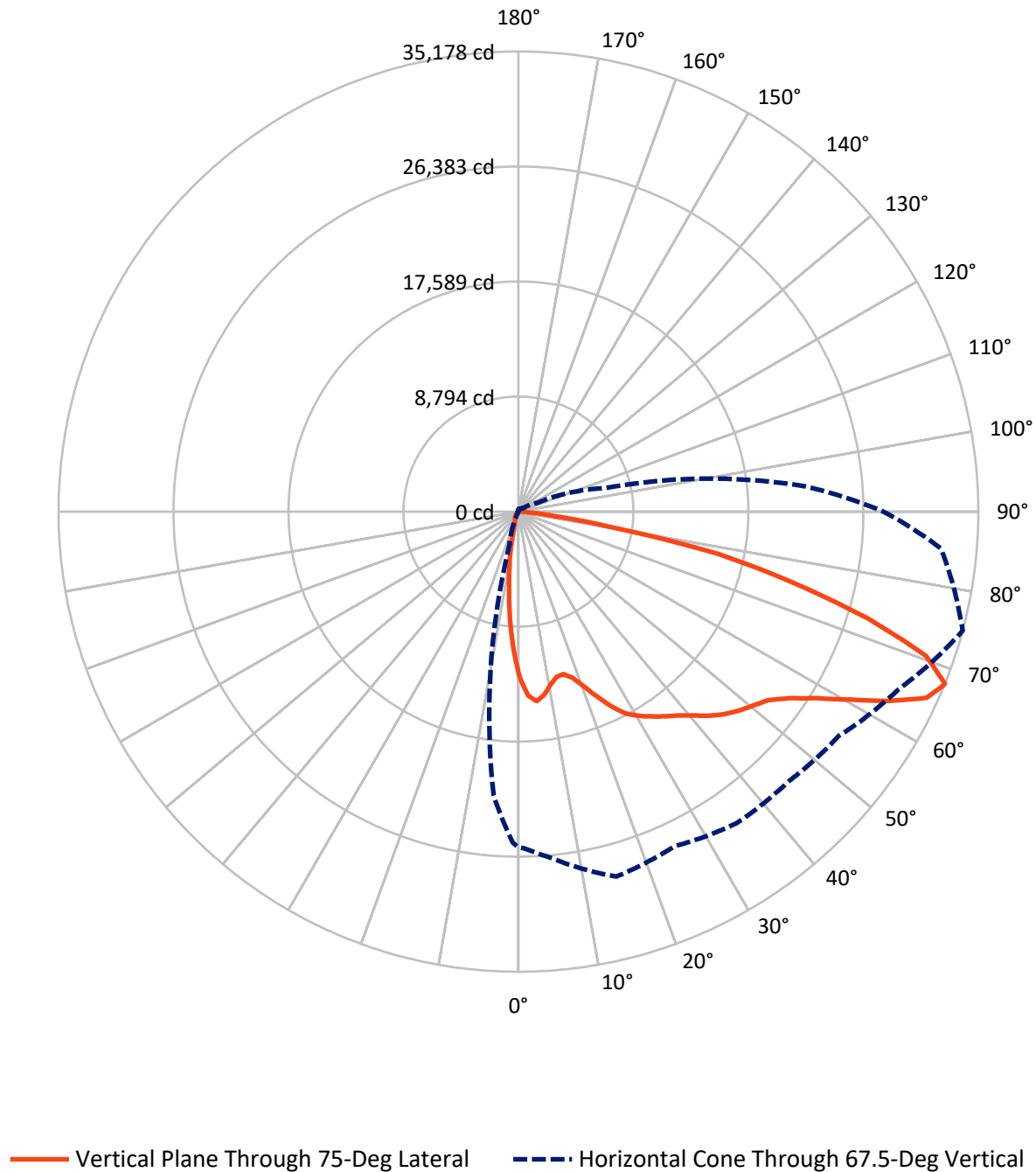
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 26.3 fc  
Type III - Medium - N/A

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5683.4   | 0.0    | 5683.4  |
|                    | % Fixture | 15.0     | 0.0    | 15.0    |
| <b>Street Side</b> | Lumens    | 32190.6  | 0.0    | 32190.6 |
|                    | % Fixture | 85.0     | 0.0    | 85.0    |
| <b>Total</b>       | Lumens    | 37874.0  | 0.0    | 37874.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 963.8   | 2.5       |
| 10°-20°   | 1897.8  | 5.0       |
| 20°-30°   | 2684.8  | 7.1       |
| 30°-40°   | 3947.4  | 10.4      |
| 40°-50°   | 5673.7  | 15.0      |
| 50°-60°   | 7987.1  | 21.1      |
| 60°-70°   | 9328.2  | 24.6      |
| 70°-80°   | 4759.0  | 12.6      |
| 80°-90°   | 632.2   | 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°    | 37874.0 | 100.0     |
| 0°-180°   | 37874.0 | 100.0     |

**Coefficient of Utilization**



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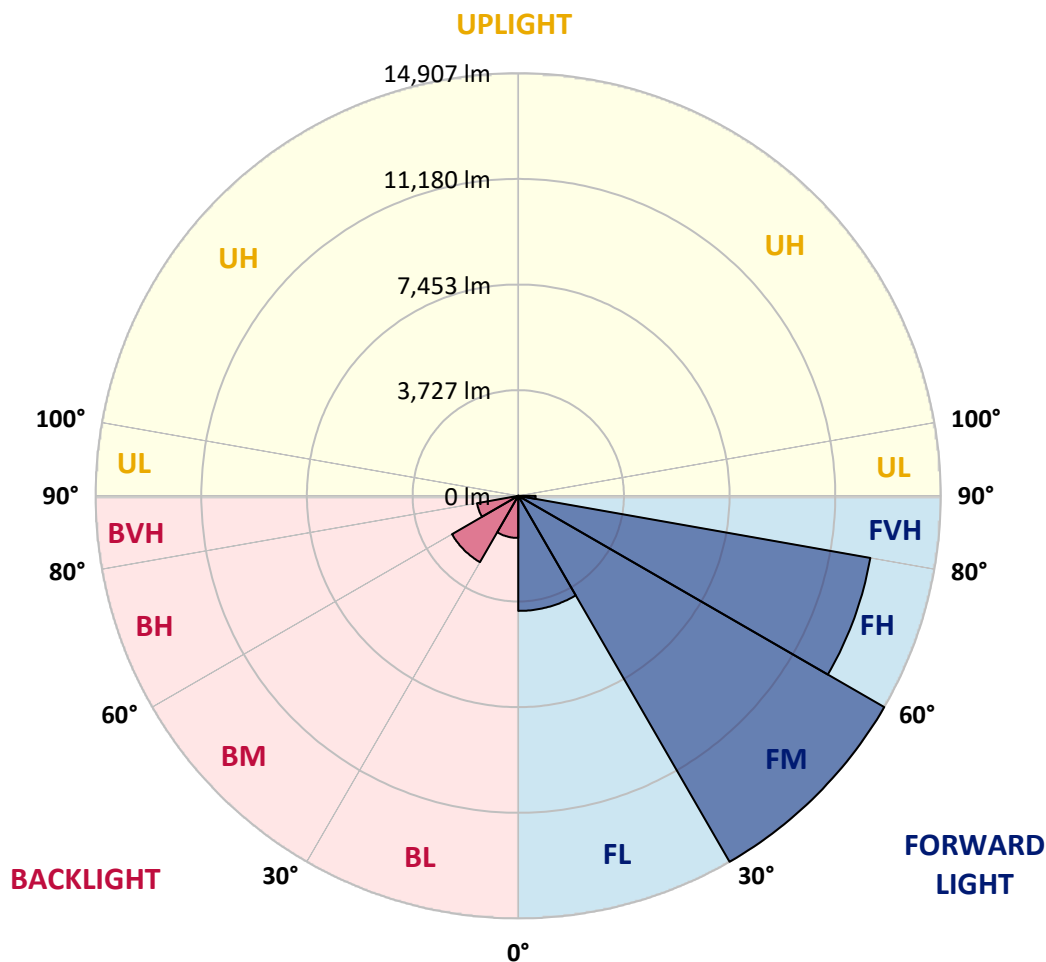
CATALOG NUMBER: GAN-SA9B-760-U-SLL-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 4060.1  | 10.7      |                         |      |         |
| FM   | (30°-60°)   | 14906.5 | 39.4      |                         |      |         |
| FH   | (60°-80°)   | 12611.0 | 33.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 613.0   | 1.6       |                         |      | G4/750  |
| BL   | (0°-30°)    | 1486.3  | 3.9       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2701.7  | 7.1       | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1476.2  | 3.9       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 19.2    | 0.1       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G5**

Type III Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 |
| 2.5°  | 13773.6 | 13795.1 | 13906.4 | 14164.7 | 14446.4 | 14467.9 | 14658.1 | 14462.5 | 14396.2 | 14080.4 | 13753.9 |
| 5°    | 13877.7 | 13960.2 | 14342.3 | 15101.3 | 15759.7 | 15971.4 | 16122.1 | 15738.2 | 15334.5 | 14563.0 | 13739.5 |
| 7.5°  | 13039.8 | 13177.9 | 13779.0 | 15203.5 | 16380.5 | 16900.8 | 16999.4 | 16398.4 | 15409.8 | 14139.6 | 12901.6 |
| 10°   | 11966.9 | 12124.8 | 12849.6 | 14600.7 | 16217.2 | 17108.9 | 17245.2 | 16457.6 | 15036.7 | 13454.2 | 11995.6 |
| 12.5° | 11098.5 | 11283.3 | 12024.3 | 13922.5 | 15655.6 | 16642.4 | 16911.5 | 16258.5 | 14713.7 | 12968.0 | 11376.6 |
| 15°   | 10698.4 | 10910.1 | 11688.8 | 13484.7 | 15033.1 | 15809.9 | 16032.4 | 15750.7 | 14534.3 | 12890.9 | 11233.1 |
| 17.5° | 10928.1 | 11157.7 | 11961.5 | 13522.4 | 14448.2 | 14780.1 | 14959.5 | 15074.3 | 14534.3 | 13355.6 | 11652.9 |
| 20°   | 11870.0 | 12117.6 | 12968.0 | 13904.6 | 13963.8 | 13840.0 | 14031.9 | 14435.6 | 14703.0 | 14238.3 | 12661.2 |
| 22.5° | 13172.6 | 13463.2 | 14423.1 | 14559.4 | 13726.9 | 13258.7 | 13283.8 | 13917.1 | 15009.8 | 15357.8 | 14060.7 |
| 25°   | 14760.4 | 15115.6 | 16091.6 | 15535.4 | 13825.6 | 12912.4 | 12903.4 | 13490.1 | 15309.4 | 16479.1 | 15619.8 |
| 27.5° | 16337.4 | 16728.5 | 17586.1 | 16726.7 | 14232.9 | 12849.6 | 12831.7 | 13360.9 | 15601.8 | 17476.7 | 17322.4 |
| 30°   | 17659.7 | 18040.0 | 18779.2 | 17589.7 | 14672.5 | 12996.7 | 12910.6 | 13499.1 | 15775.8 | 18124.4 | 18563.9 |
| 32.5° | 18736.2 | 19041.2 | 19638.6 | 18183.6 | 15142.5 | 13282.0 | 13095.4 | 13868.7 | 16071.9 | 18671.6 | 19705.0 |
| 35°   | 19920.3 | 20241.5 | 20480.1 | 18748.7 | 15670.0 | 13692.9 | 13425.5 | 14455.4 | 16527.6 | 19227.8 | 20955.5 |
| 37.5° | 21271.3 | 21590.6 | 21561.9 | 19265.4 | 16339.2 | 14372.8 | 14202.4 | 15384.7 | 17236.3 | 19778.6 | 22351.4 |
| 40°   | 22593.6 | 22920.1 | 22686.9 | 19830.6 | 17125.0 | 15494.2 | 15368.6 | 16780.6 | 18185.4 | 20483.7 | 23987.6 |
| 42.5° | 23831.5 | 24185.0 | 23686.2 | 20365.3 | 18061.6 | 16907.9 | 17123.2 | 18578.3 | 19373.1 | 21352.0 | 25397.8 |
| 45°   | 24829.1 | 25189.7 | 24524.1 | 20885.6 | 19048.4 | 18623.1 | 19270.8 | 20569.8 | 20801.2 | 22085.8 | 26350.5 |
| 47.5° | 25553.9 | 25894.8 | 25105.4 | 21405.9 | 20311.4 | 20720.5 | 21849.0 | 22658.2 | 22091.2 | 22722.7 | 27026.9 |
| 50°   | 26016.8 | 26282.3 | 25275.8 | 22057.1 | 21969.2 | 23167.7 | 24534.8 | 24929.5 | 23305.8 | 23296.9 | 27848.6 |
| 52.5° | 26311.0 | 26431.2 | 25401.4 | 22737.1 | 23698.8 | 25832.0 | 27165.0 | 27288.8 | 24556.4 | 23928.4 | 28955.6 |
| 55°   | 27324.7 | 27421.6 | 26291.3 | 23560.6 | 25128.7 | 28166.2 | 29544.1 | 29429.2 | 25971.9 | 25164.6 | 30261.7 |
| 57.5° | 29054.3 | 29156.5 | 28130.3 | 24744.7 | 26285.9 | 29608.6 | 31268.2 | 31474.5 | 27631.5 | 26901.3 | 31661.1 |
| 60°   | 29922.6 | 30112.8 | 29746.8 | 26244.6 | 27407.2 | 30530.8 | 32443.4 | 33101.8 | 29705.5 | 29190.6 | 33017.5 |
| 62.5° | 29135.0 | 29411.3 | 29942.4 | 27907.8 | 28521.4 | 31038.6 | 32809.4 | 33684.9 | 31829.8 | 31858.5 | 33853.6 |
| 65°   | 27563.3 | 27784.0 | 28684.7 | 28819.2 | 29167.3 | 30975.8 | 31905.1 | 32870.4 | 33130.5 | 34309.3 | 33808.7 |
| 67.5° | 25665.1 | 25747.7 | 26512.0 | 28891.0 | 28230.7 | 29088.3 | 29188.8 | 29902.9 | 32102.5 | 35177.6 | 32450.6 |
| 70°   | 22932.7 | 22977.5 | 23644.9 | 26488.6 | 24260.3 | 24448.7 | 24299.8 | 24445.1 | 27599.2 | 33062.4 | 29022.0 |
| 72.5° | 18456.3 | 18569.3 | 19518.4 | 21997.9 | 17674.0 | 17130.4 | 18300.2 | 18235.6 | 21255.1 | 27932.9 | 21554.8 |
| 75°   | 13588.8 | 13784.4 | 15217.9 | 17718.9 | 12404.7 | 11220.5 | 12074.5 | 12302.4 | 15110.2 | 21606.8 | 13479.4 |
| 77.5° | 9514.3  | 9659.6  | 11048.3 | 13025.4 | 8977.9  | 8023.4  | 7714.8  | 7985.7  | 9973.6  | 15630.5 | 6790.8  |
| 80°   | 5481.1  | 5534.9  | 6421.2  | 7521.0  | 6049.8  | 6921.8  | 6270.5  | 6457.1  | 5976.3  | 6954.1  | 2920.9  |
| 82.5° | 3586.5  | 3595.5  | 3941.7  | 4476.4  | 3767.7  | 4377.7  | 3240.2  | 4142.7  | 3676.2  | 2793.5  | 950.9   |
| 85°   | 1937.7  | 1948.4  | 2285.7  | 3177.4  | 2133.2  | 1205.7  | 708.7   | 1455.0  | 2273.2  | 640.5   | 260.1   |
| 87.5° | 213.5   | 195.6   | 688.9   | 1155.4  | 592.1   | 109.4   | 37.7    | 163.3   | 364.2   | 41.3    | 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°    | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 |
| 2.5°  | 13587.0 | 13438.1 | 13066.7 | 12673.8 | 12358.0 | 12062.0 | 11764.2 | 11399.9 | 11118.3 | 11060.9 | 10967.6 |
| 5°    | 13296.4 | 12824.5 | 12045.8 | 11263.6 | 10633.9 | 9839.0  | 9334.9  | 8942.0  | 8558.0  | 8534.7  | 8457.6  |
| 7.5°  | 12280.9 | 11660.1 | 10563.9 | 9482.0  | 8595.7  | 7838.6  | 7074.3  | 6563.0  | 6161.1  | 6019.3  | 5935.0  |
| 10°   | 11304.9 | 10606.9 | 9238.0  | 8003.6  | 7212.4  | 6543.2  | 6005.0  | 5470.3  | 4985.9  | 4652.2  | 4501.5  |
| 12.5° | 10623.1 | 9851.6  | 8342.7  | 7278.8  | 6711.9  | 6076.7  | 5420.1  | 4752.7  | 4194.7  | 3792.8  | 3547.0  |
| 15°   | 10359.3 | 9535.8  | 8043.1  | 6991.8  | 6292.0  | 5488.3  | 4648.6  | 3886.1  | 3267.1  | 2902.9  | 2682.2  |
| 17.5° | 10673.3 | 9715.3  | 8019.8  | 6641.9  | 5664.1  | 4664.8  | 3737.2  | 2836.5  | 2253.4  | 1977.1  | 1835.4  |
| 20°   | 11469.9 | 10285.8 | 8010.8  | 6213.1  | 4917.7  | 3688.7  | 2531.5  | 1865.9  | 1512.5  | 1358.2  | 1291.8  |
| 22.5° | 12596.6 | 11014.2 | 8082.6  | 5789.7  | 4140.9  | 2635.6  | 1747.5  | 1370.7  | 1189.5  | 1107.0  | 1069.3  |
| 25°   | 14046.3 | 12036.9 | 8285.3  | 5405.7  | 3410.7  | 1966.4  | 1361.8  | 1148.2  | 1020.9  | 956.3   | 929.4   |
| 27.5° | 15591.1 | 13213.8 | 8601.1  | 5072.0  | 2816.8  | 1568.1  | 1166.2  | 983.2   | 891.7   | 846.8   | 821.7   |
| 30°   | 16864.9 | 14577.4 | 8920.4  | 4700.6  | 2386.2  | 1367.1  | 1067.5  | 897.1   | 791.2   | 762.5   | 739.2   |
| 32.5° | 17979.0 | 15609.0 | 9146.5  | 4365.1  | 2104.5  | 1214.6  | 965.2   | 802.0   | 730.2   | 674.6   | 649.5   |
| 35°   | 19132.7 | 16468.4 | 9139.3  | 4130.1  | 1910.8  | 1099.8  | 879.1   | 717.7   | 631.5   | 566.9   | 547.2   |
| 37.5° | 20381.4 | 17439.0 | 8983.2  | 3929.2  | 1826.4  | 1008.3  | 830.7   | 672.8   | 586.7   | 522.1   | 497.0   |
| 40°   | 21843.6 | 18458.1 | 8823.6  | 3740.8  | 1803.1  | 934.7   | 796.6   | 636.9   | 545.4   | 482.6   | 457.5   |
| 42.5° | 23268.2 | 19376.7 | 8683.6  | 3600.8  | 1702.6  | 933.0   | 766.1   | 610.0   | 513.1   | 452.1   | 423.4   |
| 45°   | 24407.4 | 20232.5 | 8656.7  | 3516.5  | 1596.8  | 965.2   | 749.9   | 592.1   | 488.0   | 427.0   | 400.1   |
| 47.5° | 25354.7 | 21161.8 | 8828.9  | 3457.3  | 1496.3  | 880.9   | 789.4   | 579.5   | 464.7   | 405.5   | 375.0   |
| 50°   | 26481.5 | 22302.9 | 9234.4  | 3360.4  | 1390.5  | 793.0   | 904.2   | 583.1   | 444.9   | 383.9   | 351.7   |
| 52.5° | 28053.1 | 23881.8 | 9830.1  | 3197.2  | 1245.1  | 712.3   | 889.9   | 586.7   | 423.4   | 360.6   | 328.3   |
| 55°   | 29815.0 | 25853.5 | 10470.6 | 2926.2  | 1042.4  | 606.4   | 762.5   | 561.6   | 382.2   | 335.5   | 305.0   |
| 57.5° | 31666.5 | 27642.3 | 10850.9 | 2603.3  | 828.9   | 523.9   | 610.0   | 511.3   | 337.3   | 301.4   | 281.7   |
| 60°   | 31957.2 | 28322.2 | 10676.9 | 2206.8  | 658.4   | 455.7   | 452.1   | 520.3   | 301.4   | 265.5   | 251.2   |
| 62.5° | 31234.1 | 27468.2 | 9835.5  | 1853.3  | 550.8   | 400.1   | 371.4   | 453.9   | 272.7   | 236.8   | 222.5   |
| 65°   | 29843.7 | 25159.2 | 8471.9  | 1670.3  | 511.3   | 342.7   | 308.6   | 319.4   | 238.6   | 206.3   | 193.8   |
| 67.5° | 27909.6 | 22076.9 | 6955.9  | 1566.3  | 505.9   | 294.2   | 263.7   | 242.2   | 206.3   | 179.4   | 168.6   |
| 70°   | 23955.3 | 18391.7 | 5549.3  | 1508.9  | 491.6   | 247.6   | 222.5   | 197.4   | 172.2   | 152.5   | 143.5   |
| 72.5° | 17631.0 | 13032.6 | 4316.7  | 1446.1  | 495.2   | 197.4   | 193.8   | 163.3   | 138.1   | 118.4   | 114.8   |
| 75°   | 10187.1 | 7445.7  | 2831.1  | 1171.6  | 471.9   | 152.5   | 161.5   | 114.8   | 96.9    | 82.5    | 82.5    |
| 77.5° | 5429.1  | 4541.0  | 1078.3  | 488.0   | 172.2   | 96.9    | 91.5    | 68.2    | 61.0    | 50.2    | 48.4    |
| 80°   | 2366.5  | 1998.7  | 324.7   | 136.4   | 95.1    | 52.0    | 34.1    | 30.5    | 26.9    | 21.5    | 19.7    |
| 82.5° | 837.9   | 723.0   | 105.9   | 66.4    | 41.3    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 85°   | 190.2   | 136.4   | 0.0     | 16.1    | 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):**

|       | 185°    | 195°    | 205°    | 215°    | 225°    | 235°    | 245°    | 255°    | 265°    | 270°    | 275°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 |
| 2.5°  | 10777.4 | 10737.9 | 10504.7 | 10513.6 | 10554.9 | 10614.1 | 10474.2 | 10538.8 | 10712.8 | 10879.6 | 10942.4 |
| 5°    | 8333.8  | 8342.7  | 8201.0  | 8288.9  | 8367.9  | 8421.7  | 8195.6  | 8199.2  | 8337.4  | 8525.7  | 8624.4  |
| 7.5°  | 5872.2  | 5857.9  | 5865.0  | 6074.9  | 6223.9  | 6116.2  | 6200.5  | 5908.1  | 5926.0  | 6060.6  | 5960.1  |
| 10°   | 4365.1  | 4167.8  | 4056.5  | 4214.4  | 4377.7  | 4318.5  | 4173.2  | 4078.1  | 4144.5  | 4293.4  | 4282.6  |
| 12.5° | 3430.4  | 3146.9  | 2980.1  | 2867.0  | 3001.6  | 2890.4  | 2886.8  | 2804.2  | 2714.5  | 2730.7  | 2969.3  |
| 15°   | 2580.0  | 2373.6  | 2176.3  | 1995.1  | 1991.5  | 1953.8  | 1761.8  | 1546.5  | 1528.6  | 1539.4  | 1663.2  |
| 17.5° | 1774.4  | 1704.4  | 1623.7  | 1467.6  | 1426.3  | 1268.5  | 1081.9  | 995.7   | 952.7   | 972.4   | 1013.7  |
| 20°   | 1246.9  | 1220.0  | 1229.0  | 1144.7  | 1085.5  | 934.7   | 825.3   | 791.2   | 784.0   | 803.8   | 823.5   |
| 22.5° | 1033.4  | 985.0   | 979.6   | 941.9   | 882.7   | 773.3   | 714.1   | 694.3   | 685.4   | 703.3   | 717.7   |
| 25°   | 904.2   | 855.8   | 836.1   | 812.7   | 749.9   | 674.6   | 638.7   | 620.8   | 611.8   | 622.6   | 631.5   |
| 27.5° | 796.6   | 751.7   | 733.8   | 717.7   | 656.7   | 602.8   | 574.1   | 558.0   | 550.8   | 554.4   | 563.4   |
| 30°   | 715.9   | 676.4   | 653.1   | 633.3   | 581.3   | 543.6   | 518.5   | 502.4   | 495.2   | 495.2   | 504.2   |
| 32.5° | 631.5   | 610.0   | 588.5   | 563.4   | 514.9   | 489.8   | 464.7   | 446.7   | 439.6   | 441.4   | 448.5   |
| 35°   | 525.7   | 518.5   | 523.9   | 500.6   | 459.3   | 437.8   | 412.7   | 392.9   | 387.5   | 389.3   | 396.5   |
| 37.5° | 466.5   | 434.2   | 453.9   | 441.4   | 418.0   | 389.3   | 357.0   | 339.1   | 330.1   | 335.5   | 339.1   |
| 40°   | 428.8   | 389.3   | 375.0   | 387.5   | 383.9   | 337.3   | 308.6   | 290.7   | 283.5   | 285.3   | 288.9   |
| 42.5° | 396.5   | 349.9   | 317.6   | 315.8   | 337.3   | 294.2   | 263.7   | 247.6   | 238.6   | 238.6   | 242.2   |
| 45°   | 366.0   | 315.8   | 276.3   | 245.8   | 283.5   | 249.4   | 220.7   | 206.3   | 195.6   | 195.6   | 197.4   |
| 47.5° | 342.7   | 287.1   | 240.4   | 200.9   | 213.5   | 204.5   | 181.2   | 166.9   | 156.1   | 156.1   | 157.9   |
| 50°   | 321.2   | 258.4   | 208.1   | 168.6   | 159.7   | 168.6   | 147.1   | 131.0   | 123.8   | 122.0   | 125.6   |
| 52.5° | 297.8   | 229.6   | 177.6   | 143.5   | 125.6   | 127.4   | 114.8   | 104.1   | 95.1    | 95.1    | 98.7    |
| 55°   | 274.5   | 206.3   | 154.3   | 122.0   | 104.1   | 95.1    | 91.5    | 84.3    | 77.1    | 77.1    | 80.7    |
| 57.5° | 251.2   | 181.2   | 131.0   | 100.5   | 82.5    | 75.4    | 75.4    | 70.0    | 64.6    | 64.6    | 68.2    |
| 60°   | 229.6   | 156.1   | 107.6   | 82.5    | 64.6    | 62.8    | 64.6    | 59.2    | 55.6    | 55.6    | 59.2    |
| 62.5° | 204.5   | 132.8   | 87.9    | 68.2    | 52.0    | 50.2    | 55.6    | 52.0    | 48.4    | 48.4    | 52.0    |
| 65°   | 174.0   | 113.0   | 70.0    | 52.0    | 39.5    | 39.5    | 46.6    | 43.1    | 39.5    | 39.5    | 43.1    |
| 67.5° | 147.1   | 95.1    | 53.8    | 37.7    | 28.7    | 30.5    | 39.5    | 35.9    | 34.1    | 34.1    | 37.7    |
| 70°   | 122.0   | 73.6    | 37.7    | 23.3    | 16.1    | 23.3    | 30.5    | 30.5    | 30.5    | 30.5    | 34.1    |
| 72.5° | 91.5    | 50.2    | 21.5    | 9.0     | 7.2     | 16.1    | 25.1    | 28.7    | 26.9    | 26.9    | 32.3    |
| 75°   | 59.2    | 28.7    | 7.2     | 0.0     | 0.0     | 9.0     | 19.7    | 23.3    | 23.3    | 21.5    | 26.9    |
| 77.5° | 34.1    | 9.0     | 0.0     | 0.0     | 0.0     | 0.0     | 12.6    | 10.8    | 9.0     | 7.2     | 12.6    |
| 80°   | 9.0     | 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     |



REPORT NUMBER: P324243

CATALOG NUMBER: GAN-SA9B-760-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 | 12706.1 |
| 2.5°  | 11195.4 | 11407.1 | 11705.0 | 12020.7 | 12506.9 | 12892.7 | 13271.2 | 13596.0 | 13721.6 | 13773.6 |
| 5°    | 8861.2  | 9171.6  | 9607.6  | 10167.4 | 11044.7 | 11834.1 | 12634.3 | 13439.9 | 13789.7 | 13877.7 |
| 7.5°  | 6358.4  | 6754.9  | 7309.3  | 8010.8  | 9038.9  | 10061.5 | 11179.3 | 12361.6 | 12903.4 | 13039.8 |
| 10°   | 4706.0  | 5190.4  | 5825.6  | 6564.7  | 7546.1  | 8597.5  | 9815.7  | 11166.7 | 11785.7 | 11966.9 |
| 12.5° | 3338.9  | 3993.7  | 4844.2  | 5743.0  | 6593.5  | 7531.8  | 8764.4  | 10253.5 | 10903.0 | 11098.5 |
| 15°   | 1961.0  | 2594.3  | 3600.8  | 4804.7  | 5893.7  | 6844.6  | 8096.9  | 9785.2  | 10501.1 | 10698.4 |
| 17.5° | 1124.9  | 1440.7  | 2201.4  | 3543.4  | 5021.8  | 6338.7  | 7887.0  | 9901.8  | 10745.1 | 10928.1 |
| 20°   | 859.4   | 959.9   | 1268.5  | 2282.1  | 4002.7  | 5841.7  | 7887.0  | 10562.1 | 11600.9 | 11870.0 |
| 22.5° | 751.7   | 825.3   | 950.9   | 1361.8  | 2946.0  | 5308.9  | 7978.5  | 11516.6 | 12874.7 | 13172.6 |
| 25°   | 667.4   | 733.8   | 841.5   | 1024.5  | 2009.4  | 4675.5  | 8195.6  | 12688.1 | 14374.6 | 14760.4 |
| 27.5° | 597.4   | 660.2   | 757.1   | 897.1   | 1374.3  | 3911.2  | 8488.1  | 14062.4 | 16028.8 | 16337.4 |
| 30°   | 534.7   | 593.9   | 681.8   | 780.4   | 1060.3  | 3044.7  | 8737.4  | 15357.8 | 17327.8 | 17659.7 |
| 32.5° | 475.4   | 529.3   | 608.2   | 681.8   | 868.4   | 2251.6  | 8764.4  | 16384.1 | 18406.1 | 18736.2 |
| 35°   | 419.8   | 468.3   | 540.0   | 597.4   | 719.4   | 1778.0  | 8346.3  | 17274.0 | 19484.3 | 19920.3 |
| 37.5° | 366.0   | 412.7   | 475.4   | 518.5   | 633.3   | 1449.7  | 7707.6  | 18266.1 | 20867.6 | 21271.3 |
| 40°   | 315.8   | 357.0   | 421.6   | 450.3   | 599.2   | 1114.2  | 7013.3  | 19306.7 | 22224.0 | 22593.6 |
| 42.5° | 269.1   | 308.6   | 371.4   | 427.0   | 525.7   | 832.5   | 6263.3  | 20282.7 | 23444.0 | 23831.5 |
| 45°   | 224.3   | 265.5   | 328.3   | 452.1   | 436.0   | 622.6   | 5461.4  | 20930.4 | 24407.4 | 24829.1 |
| 47.5° | 181.2   | 227.9   | 314.0   | 430.6   | 348.1   | 457.5   | 4826.2  | 21544.0 | 25137.7 | 25553.9 |
| 50°   | 145.3   | 192.0   | 353.4   | 383.9   | 285.3   | 349.9   | 4560.7  | 22093.0 | 25616.7 | 26016.8 |
| 52.5° | 118.4   | 161.5   | 333.7   | 294.2   | 238.6   | 288.9   | 4704.2  | 22982.9 | 26059.8 | 26311.0 |
| 55°   | 98.7    | 127.4   | 200.9   | 204.5   | 202.7   | 245.8   | 4881.8  | 24260.3 | 27206.3 | 27324.7 |
| 57.5° | 86.1    | 102.3   | 139.9   | 157.9   | 170.4   | 218.9   | 4885.4  | 26093.9 | 28980.7 | 29054.3 |
| 60°   | 73.6    | 89.7    | 116.6   | 127.4   | 147.1   | 195.6   | 4707.8  | 26734.4 | 29678.6 | 29922.6 |
| 62.5° | 64.6    | 78.9    | 96.9    | 105.9   | 123.8   | 175.8   | 4291.6  | 25806.9 | 28720.5 | 29135.0 |
| 65°   | 57.4    | 71.8    | 80.7    | 89.7    | 109.4   | 157.9   | 3606.2  | 23951.7 | 27130.9 | 27563.3 |
| 67.5° | 50.2    | 62.8    | 71.8    | 80.7    | 98.7    | 139.9   | 2655.3  | 21797.0 | 25306.3 | 25665.1 |
| 70°   | 44.9    | 55.6    | 64.6    | 71.8    | 86.1    | 118.4   | 1611.1  | 18495.8 | 22783.7 | 22932.7 |
| 72.5° | 43.1    | 50.2    | 59.2    | 64.6    | 75.4    | 104.1   | 816.3   | 13592.4 | 18214.1 | 18456.3 |
| 75°   | 37.7    | 44.9    | 53.8    | 57.4    | 66.4    | 89.7    | 331.9   | 8927.6  | 13199.5 | 13588.8 |
| 77.5° | 30.5    | 41.3    | 48.4    | 52.0    | 57.4    | 73.6    | 168.6   | 5705.4  | 9263.1  | 9514.3  |
| 80°   | 10.8    | 30.5    | 41.3    | 43.1    | 48.4    | 53.8    | 111.2   | 3123.6  | 5373.4  | 5481.1  |
| 82.5° | 0.0     | 19.7    | 32.3    | 30.5    | 34.1    | 41.3    | 71.8    | 1485.5  | 3547.0  | 3586.5  |
| 85°   | 0.0     | 9.0     | 25.1    | 19.7    | 14.4    | 28.7    | 25.1    | 324.7   | 1860.5  | 1937.7  |
| 87.5° | 0.0     | 0.0     | 1.8     | 9.0     | 7.2     | 10.8    | 3.6     | 1.8     | 168.6   | 213.5   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)