

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: P324253

Luminaire Tested: **GAN-SA9C-760-U-SLL-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P324253  
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-SA9C-760-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 5700K, 1050mA 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: 46877 lumens  
Efficiency: N/A  
Efficacy: 93.6 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

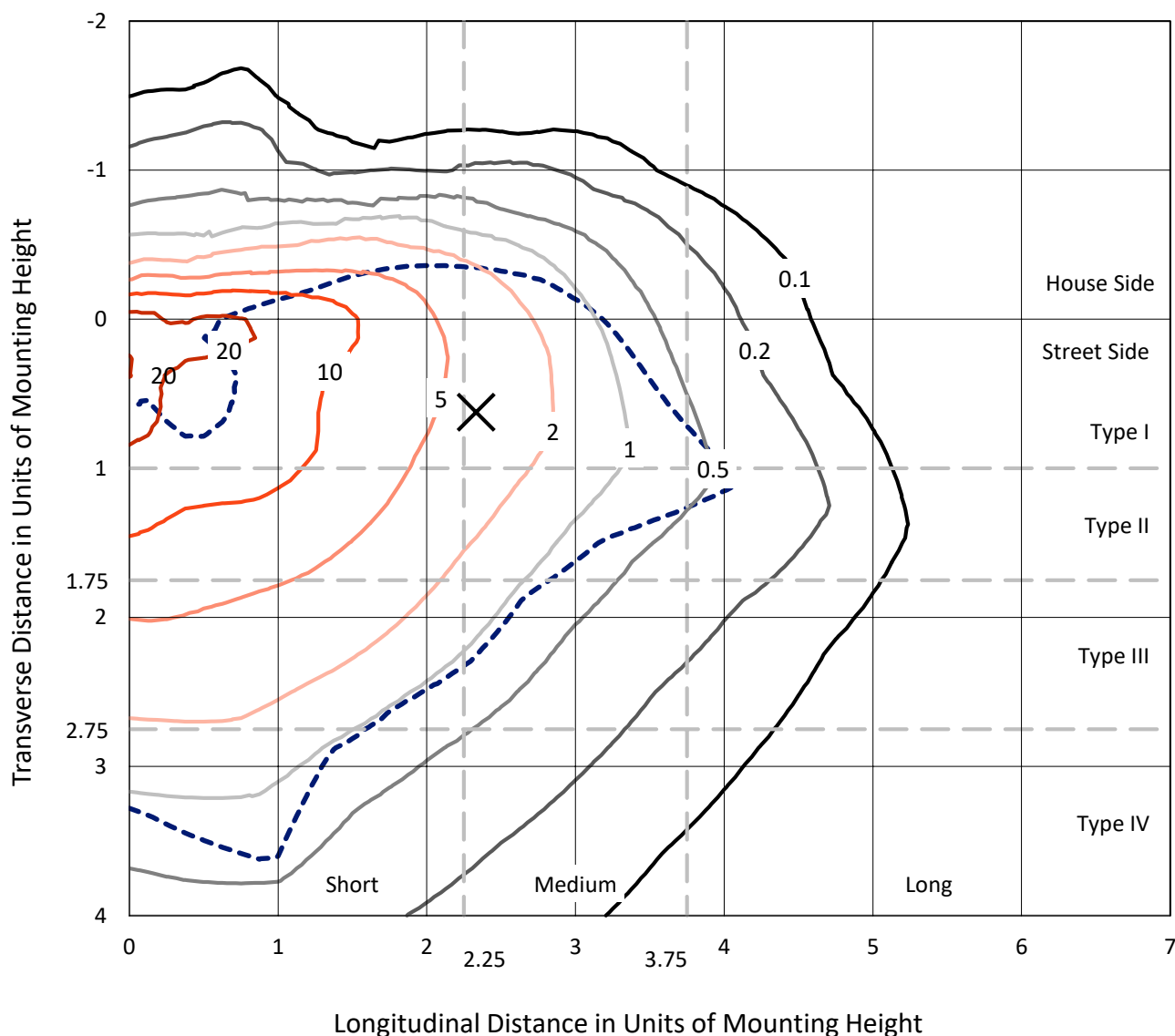
Input Watts (W): 501  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

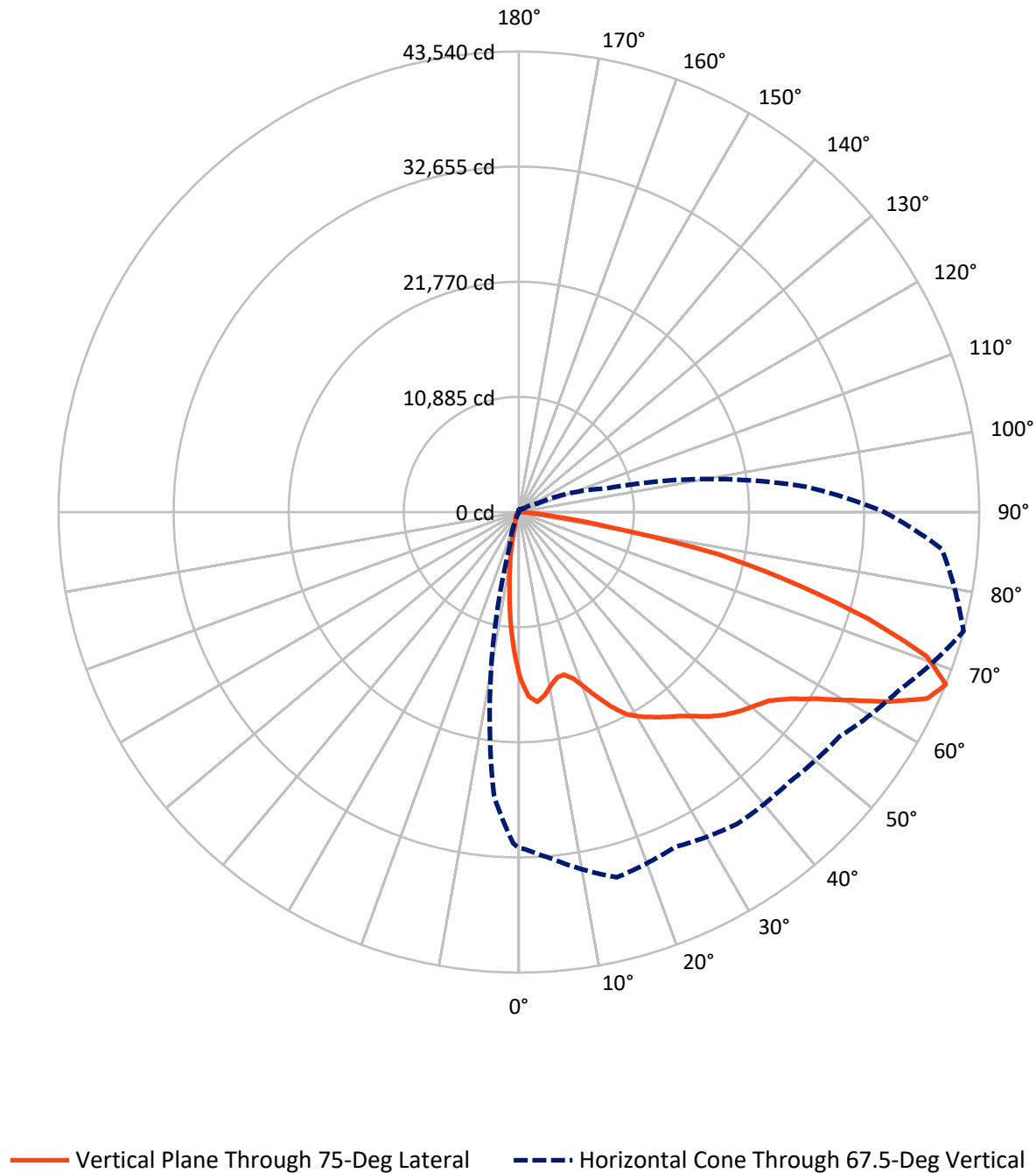
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 32.6 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    | 7034.4   | 0.0    | 7034.4  |
|                    | % Fixture | 15.0     | 0.0    | 15.0    |
| <b>Street Side</b> | Lumens    | 39842.6  | 0.0    | 39842.6 |
|                    | % Fixture | 85.0     | 0.0    | 85.0    |
| <b>Total</b>       | Lumens    | 46877.0  | 0.0    | 46877.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1192.9  | 2.5       |
| 10°-20°   | 2348.9  | 5.0       |
| 20°-30°   | 3323.0  | 7.1       |
| 30°-40°   | 4885.7  | 10.4      |
| 40°-50°   | 7022.4  | 15.0      |
| 50°-60°   | 9885.7  | 21.1      |
| 60°-70°   | 11545.6 | 24.6      |
| 70°-80°   | 5890.2  | 12.6      |
| 80°-90°   | 782.5   | 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°    | 46877.0 | 100.0     |
| 0°-180°   | 46877.0 | 100.0     |

**Coefficient of Utilization**



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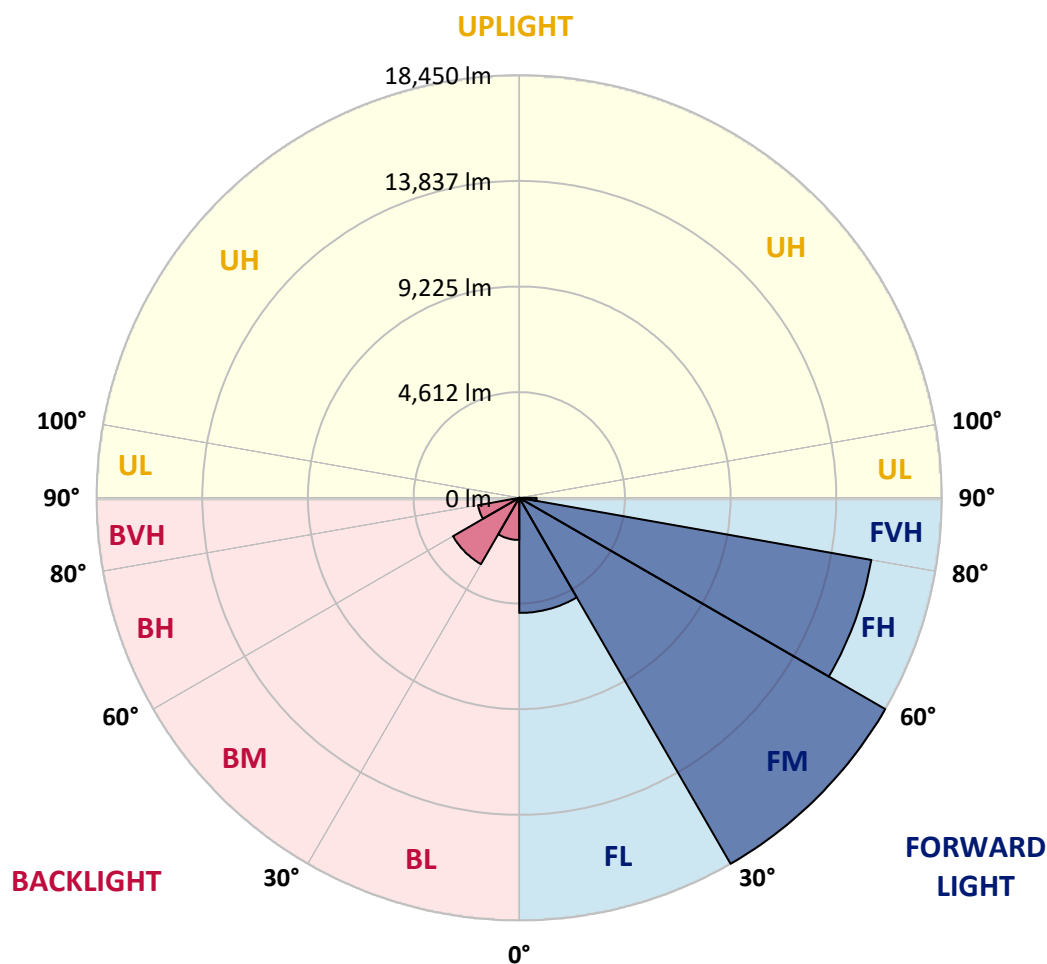
CATALOG NUMBER: GAN-SA9C-760-U-SLL-HSS

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 5025.2  | 10.7      |                         |      |         |
| FM   | (30°-60°)   | 18450.0 | 39.4      |                         |      |         |
| FH   | (60°-80°)   | 15608.7 | 33.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 758.7   | 1.6       |                         |      | G5      |
| BL   | (0°-30°)    | 1839.6  | 3.9       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 3343.9  | 7.1       | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1827.2  | 3.9       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 23.7    | 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°    | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 |
| 2.5°  | 17047.7 | 17074.3 | 17212.0 | 17531.8 | 17880.4 | 17907.1 | 18142.5 | 17900.4 | 17818.3 | 17427.4 | 17023.3 |
| 5°    | 17176.5 | 17278.6 | 17751.6 | 18691.0 | 19505.9 | 19768.0 | 19954.5 | 19479.3 | 18979.6 | 18024.8 | 17005.5 |
| 7.5°  | 16139.5 | 16310.5 | 17054.4 | 18817.5 | 20274.3 | 20918.2 | 21040.4 | 20296.5 | 19072.9 | 17500.7 | 15968.5 |
| 10°   | 14811.5 | 15007.0 | 15904.1 | 18071.4 | 20072.2 | 21175.8 | 21344.6 | 20369.7 | 18611.0 | 16652.4 | 14847.1 |
| 12.5° | 13736.8 | 13965.5 | 14882.6 | 17232.0 | 19377.1 | 20598.5 | 20931.6 | 20123.3 | 18211.3 | 16050.6 | 14081.0 |
| 15°   | 13241.6 | 13503.6 | 14467.3 | 16690.2 | 18606.6 | 19568.1 | 19843.5 | 19494.8 | 17989.2 | 15955.2 | 13903.3 |
| 17.5° | 13525.8 | 13810.0 | 14804.9 | 16736.8 | 17882.7 | 18293.5 | 18515.5 | 18657.7 | 17989.2 | 16530.3 | 14422.9 |
| 20°   | 14691.6 | 14998.1 | 16050.6 | 17209.8 | 17283.1 | 17129.9 | 17367.5 | 17867.1 | 18198.0 | 17622.8 | 15670.9 |
| 22.5° | 16303.8 | 16663.5 | 17851.6 | 18020.3 | 16990.0 | 16410.4 | 16441.5 | 17225.4 | 18577.7 | 19008.5 | 17403.0 |
| 25°   | 18269.0 | 18708.7 | 19916.7 | 19228.3 | 17112.1 | 15981.8 | 15970.7 | 16696.8 | 18948.6 | 20396.4 | 19332.7 |
| 27.5° | 20221.0 | 20705.1 | 21766.5 | 20702.8 | 17616.2 | 15904.1 | 15881.9 | 16537.0 | 19310.5 | 21631.1 | 21440.1 |
| 30°   | 21857.6 | 22328.3 | 23243.2 | 21771.0 | 18160.2 | 16086.2 | 15979.6 | 16707.9 | 19525.9 | 22432.7 | 22976.8 |
| 32.5° | 23189.9 | 23567.4 | 24306.9 | 22506.0 | 18742.0 | 16439.3 | 16208.3 | 17165.4 | 19892.3 | 23110.0 | 24389.1 |
| 35°   | 24655.5 | 25053.0 | 25348.4 | 23205.5 | 19394.9 | 16947.8 | 16616.9 | 17891.5 | 20456.4 | 23798.4 | 25936.8 |
| 37.5° | 26327.7 | 26722.9 | 26687.4 | 23845.0 | 20223.2 | 17789.4 | 17578.4 | 19041.8 | 21333.5 | 24480.1 | 27664.5 |
| 40°   | 27964.3 | 28368.4 | 28079.7 | 24544.5 | 21195.8 | 19177.3 | 19021.8 | 20769.5 | 22508.2 | 25352.8 | 29689.7 |
| 42.5° | 29496.5 | 29934.0 | 29316.6 | 25206.3 | 22355.0 | 20927.1 | 21193.6 | 22994.5 | 23978.3 | 26427.6 | 31435.1 |
| 45°   | 30731.2 | 31177.5 | 30353.7 | 25850.2 | 23576.3 | 23050.0 | 23851.7 | 25459.4 | 25745.9 | 27335.8 | 32614.2 |
| 47.5° | 31628.3 | 32050.2 | 31073.1 | 26494.2 | 25139.6 | 25645.9 | 27042.7 | 28044.2 | 27342.5 | 28124.2 | 33451.4 |
| 50°   | 32201.2 | 32529.9 | 31284.1 | 27300.3 | 27191.5 | 28674.9 | 30367.0 | 30855.5 | 28845.9 | 28834.8 | 34468.5 |
| 52.5° | 32565.4 | 32714.2 | 31439.5 | 28141.9 | 29332.2 | 31972.5 | 33622.4 | 33775.6 | 30393.6 | 29616.4 | 35838.6 |
| 55°   | 33820.0 | 33940.0 | 32541.0 | 29161.2 | 31102.0 | 34861.5 | 36567.0 | 36424.8 | 32145.7 | 31146.4 | 37455.2 |
| 57.5° | 35960.7 | 36087.3 | 34817.1 | 30626.8 | 32534.3 | 36646.9 | 38701.0 | 38956.3 | 34199.8 | 33296.0 | 39187.3 |
| 60°   | 37035.5 | 37270.9 | 36817.9 | 32483.2 | 33922.2 | 37788.3 | 40155.5 | 40970.4 | 36766.8 | 36129.5 | 40866.1 |
| 62.5° | 36060.7 | 36402.6 | 37059.9 | 34541.7 | 35301.2 | 38416.7 | 40608.5 | 41692.1 | 39396.0 | 39431.6 | 41900.9 |
| 65°   | 34115.4 | 34388.5 | 35503.3 | 35669.8 | 36100.6 | 38339.0 | 39489.3 | 40684.0 | 41006.0 | 42464.9 | 41845.4 |
| 67.5° | 31766.0 | 31868.1 | 32814.1 | 35758.6 | 34941.5 | 36002.9 | 36127.3 | 37011.1 | 39733.6 | 43539.7 | 40164.4 |
| 70°   | 28384.0 | 28439.5 | 29265.6 | 32785.2 | 30027.2 | 30260.4 | 30076.1 | 30255.9 | 34159.8 | 40921.6 | 35920.8 |
| 72.5° | 22843.5 | 22983.4 | 24158.1 | 27227.0 | 21875.3 | 21202.5 | 22650.3 | 22570.4 | 26307.7 | 34572.8 | 26678.5 |
| 75°   | 16819.0 | 17061.0 | 18835.3 | 21930.8 | 15353.4 | 13887.8 | 14944.8 | 15226.8 | 18702.1 | 26742.9 | 16683.5 |
| 77.5° | 11775.9 | 11955.8 | 13674.6 | 16121.7 | 11112.0 | 9930.6  | 9548.7  | 9884.0  | 12344.4 | 19346.0 | 8405.0  |
| 80°   | 6784.0  | 6850.6  | 7947.6  | 9308.8  | 7487.9  | 8567.2  | 7761.1  | 7992.0  | 7396.9  | 8607.1  | 3615.2  |
| 82.5° | 4439.0  | 4450.1  | 4878.7  | 5540.4  | 4663.3  | 5418.3  | 4010.4  | 5127.4  | 4550.1  | 3457.5  | 1176.9  |
| 85°   | 2398.3  | 2411.6  | 2829.1  | 3932.7  | 2640.3  | 1492.3  | 877.1   | 1800.9  | 2813.5  | 792.8   | 322.0   |
| 87.5° | 264.3   | 242.0   | 852.7   | 1430.1  | 732.8   | 135.5   | 46.6    | 202.1   | 450.8   | 51.1    | 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°    | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 |
| 2.5°  | 16816.8 | 16632.4 | 16172.8 | 15686.5 | 15295.6 | 14929.2 | 14560.6 | 14109.8 | 13761.2 | 13690.1 | 13574.7 |
| 5°    | 16457.0 | 15873.0 | 14909.2 | 13941.1 | 13161.6 | 12177.9 | 11553.9 | 11067.6 | 10592.4 | 10563.5 | 10468.0 |
| 7.5°  | 15200.1 | 14431.8 | 13075.0 | 11736.0 | 10639.0 | 9701.9  | 8755.9  | 8123.0  | 7625.6  | 7450.2  | 7345.8  |
| 10°   | 13992.1 | 13128.3 | 11434.0 | 9906.2  | 8926.9  | 8098.6  | 7432.4  | 6770.7  | 6171.1  | 5758.1  | 5571.5  |
| 12.5° | 13148.3 | 12193.4 | 10325.9 | 9009.1  | 8307.3  | 7521.2  | 6708.5  | 5882.4  | 5191.8  | 4694.4  | 4390.2  |
| 15°   | 12821.9 | 11802.6 | 9955.0  | 8653.8  | 7787.7  | 6792.9  | 5753.6  | 4809.9  | 4043.7  | 3593.0  | 3319.8  |
| 17.5° | 13210.5 | 12024.7 | 9926.2  | 8220.7  | 7010.5  | 5773.6  | 4625.6  | 3510.8  | 2789.1  | 2447.1  | 2271.7  |
| 20°   | 14196.4 | 12730.8 | 9915.1  | 7690.0  | 6086.7  | 4565.6  | 3133.3  | 2309.4  | 1872.0  | 1681.0  | 1598.8  |
| 22.5° | 15591.0 | 13632.4 | 10003.9 | 7165.9  | 5125.2  | 3262.1  | 2162.9  | 1696.6  | 1472.3  | 1370.1  | 1323.5  |
| 25°   | 17385.2 | 14898.1 | 10254.8 | 6690.7  | 4221.4  | 2433.8  | 1685.5  | 1421.2  | 1263.5  | 1183.6  | 1150.3  |
| 27.5° | 19297.2 | 16354.9 | 10645.7 | 6277.7  | 3486.4  | 1940.8  | 1443.4  | 1216.9  | 1103.6  | 1048.1  | 1017.0  |
| 30°   | 20873.8 | 18042.5 | 11040.9 | 5818.0  | 2953.4  | 1692.1  | 1321.3  | 1110.3  | 979.3   | 943.8   | 914.9   |
| 32.5° | 22252.8 | 19319.4 | 11320.7 | 5402.8  | 2604.8  | 1503.4  | 1194.7  | 992.6   | 903.8   | 835.0   | 803.9   |
| 35°   | 23680.7 | 20383.1 | 11311.8 | 5111.9  | 2365.0  | 1361.2  | 1088.1  | 888.2   | 781.7   | 701.7   | 677.3   |
| 37.5° | 25226.2 | 21584.4 | 11118.6 | 4863.2  | 2260.6  | 1248.0  | 1028.1  | 832.7   | 726.1   | 646.2   | 615.1   |
| 40°   | 27036.1 | 22845.7 | 10921.0 | 4630.0  | 2231.7  | 1156.9  | 986.0   | 788.3   | 675.1   | 597.3   | 566.3   |
| 42.5° | 28799.2 | 23982.7 | 10747.8 | 4456.8  | 2107.4  | 1154.7  | 948.2   | 755.0   | 635.1   | 559.6   | 524.1   |
| 45°   | 30209.3 | 25041.9 | 10714.5 | 4352.4  | 1976.4  | 1194.7  | 928.2   | 732.8   | 604.0   | 528.5   | 495.2   |
| 47.5° | 31381.8 | 26192.2 | 10927.7 | 4279.1  | 1852.0  | 1090.3  | 977.1   | 717.3   | 575.1   | 501.9   | 464.1   |
| 50°   | 32776.4 | 27604.5 | 11429.5 | 4159.2  | 1721.0  | 981.5   | 1119.2  | 721.7   | 550.7   | 475.2   | 435.2   |
| 52.5° | 34721.6 | 29558.7 | 12166.8 | 3957.1  | 1541.1  | 881.6   | 1101.4  | 726.1   | 524.1   | 446.3   | 406.4   |
| 55°   | 36902.3 | 31999.1 | 12959.5 | 3621.8  | 1290.2  | 750.6   | 943.8   | 695.1   | 473.0   | 415.3   | 377.5   |
| 57.5° | 39193.9 | 34213.1 | 13430.3 | 3222.1  | 1025.9  | 648.4   | 755.0   | 632.9   | 417.5   | 373.1   | 348.6   |
| 60°   | 39553.7 | 35054.7 | 13214.9 | 2731.4  | 815.0   | 564.0   | 559.6   | 644.0   | 373.1   | 328.7   | 310.9   |
| 62.5° | 38658.8 | 33997.7 | 12173.4 | 2293.9  | 681.7   | 495.2   | 459.7   | 561.8   | 337.5   | 293.1   | 275.4   |
| 65°   | 36937.8 | 31139.8 | 10485.8 | 2067.4  | 632.9   | 424.1   | 381.9   | 395.3   | 295.3   | 255.4   | 239.8   |
| 67.5° | 34544.0 | 27324.7 | 8609.3  | 1938.6  | 626.2   | 364.2   | 326.4   | 299.8   | 255.4   | 222.1   | 208.7   |
| 70°   | 29649.7 | 22763.6 | 6868.4  | 1867.5  | 608.4   | 306.4   | 275.4   | 244.3   | 213.2   | 188.8   | 177.6   |
| 72.5° | 21822.0 | 16130.6 | 5342.8  | 1789.8  | 612.9   | 244.3   | 239.8   | 202.1   | 171.0   | 146.6   | 142.1   |
| 75°   | 12608.7 | 9215.6  | 3504.1  | 1450.1  | 584.0   | 188.8   | 199.9   | 142.1   | 119.9   | 102.1   | 102.1   |
| 77.5° | 6719.6  | 5620.4  | 1334.6  | 604.0   | 213.2   | 119.9   | 113.3   | 84.4    | 75.5    | 62.2    | 60.0    |
| 80°   | 2929.0  | 2473.8  | 401.9   | 168.8   | 117.7   | 64.4    | 42.2    | 37.8    | 33.3    | 26.6    | 24.4    |
| 82.5° | 1037.0  | 894.9   | 131.0   | 82.2    | 51.1    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 85°   | 235.4   | 168.8   | 0.0     | 20.0    | 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):**

|       | 185°    | 195°    | 205°    | 215°    | 225°    | 235°    | 245°    | 255°    | 265°    | 270°    | 275°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 |
| 2.5°  | 13339.3 | 13290.4 | 13001.7 | 13012.8 | 13063.9 | 13137.2 | 12964.0 | 13043.9 | 13259.3 | 13465.8 | 13543.6 |
| 5°    | 10314.8 | 10325.9 | 10150.5 | 10259.3 | 10357.0 | 10423.6 | 10143.8 | 10148.2 | 10319.2 | 10552.4 | 10674.5 |
| 7.5°  | 7268.1  | 7250.3  | 7259.2  | 7519.0  | 7703.3  | 7570.1  | 7674.5  | 7312.5  | 7334.7  | 7501.3  | 7376.9  |
| 10°   | 5402.8  | 5158.5  | 5020.8  | 5216.2  | 5418.3  | 5345.0  | 5165.2  | 5047.5  | 5129.6  | 5313.9  | 5300.6  |
| 12.5° | 4245.8  | 3895.0  | 3688.5  | 3548.6  | 3715.1  | 3577.4  | 3573.0  | 3470.8  | 3359.8  | 3379.8  | 3675.1  |
| 15°   | 3193.3  | 2937.9  | 2693.6  | 2469.3  | 2464.9  | 2418.3  | 2180.6  | 1914.2  | 1892.0  | 1905.3  | 2058.5  |
| 17.5° | 2196.2  | 2109.6  | 2009.7  | 1816.5  | 1765.4  | 1570.0  | 1339.0  | 1232.4  | 1179.1  | 1203.6  | 1254.7  |
| 20°   | 1543.3  | 1510.0  | 1521.1  | 1416.8  | 1343.5  | 1156.9  | 1021.5  | 979.3   | 970.4   | 994.8   | 1019.3  |
| 22.5° | 1279.1  | 1219.1  | 1212.5  | 1165.8  | 1092.5  | 957.1   | 883.8   | 859.4   | 848.3   | 870.5   | 888.2   |
| 25°   | 1119.2  | 1059.2  | 1034.8  | 1005.9  | 928.2   | 835.0   | 790.5   | 768.3   | 757.2   | 770.6   | 781.7   |
| 27.5° | 986.0   | 930.4   | 908.2   | 888.2   | 812.7   | 746.1   | 710.6   | 690.6   | 681.7   | 686.2   | 697.3   |
| 30°   | 886.0   | 837.2   | 808.3   | 783.9   | 719.5   | 672.8   | 641.8   | 621.8   | 612.9   | 612.9   | 624.0   |
| 32.5° | 781.7   | 755.0   | 728.4   | 697.3   | 637.3   | 606.2   | 575.1   | 552.9   | 544.1   | 546.3   | 555.2   |
| 35°   | 650.6   | 641.8   | 648.4   | 619.6   | 568.5   | 541.8   | 510.7   | 486.3   | 479.7   | 481.9   | 490.8   |
| 37.5° | 577.4   | 537.4   | 561.8   | 546.3   | 517.4   | 481.9   | 441.9   | 419.7   | 408.6   | 415.3   | 419.7   |
| 40°   | 530.7   | 481.9   | 464.1   | 479.7   | 475.2   | 417.5   | 381.9   | 359.7   | 350.9   | 353.1   | 357.5   |
| 42.5° | 490.8   | 433.0   | 393.0   | 390.8   | 417.5   | 364.2   | 326.4   | 306.4   | 295.3   | 295.3   | 299.8   |
| 45°   | 453.0   | 390.8   | 342.0   | 304.2   | 350.9   | 308.7   | 273.1   | 255.4   | 242.0   | 242.0   | 244.3   |
| 47.5° | 424.1   | 355.3   | 297.6   | 248.7   | 264.3   | 253.2   | 224.3   | 206.5   | 193.2   | 193.2   | 195.4   |
| 50°   | 397.5   | 319.8   | 257.6   | 208.7   | 197.6   | 208.7   | 182.1   | 162.1   | 153.2   | 151.0   | 155.4   |
| 52.5° | 368.6   | 284.2   | 219.8   | 177.6   | 155.4   | 157.7   | 142.1   | 128.8   | 117.7   | 117.7   | 122.1   |
| 55°   | 339.8   | 255.4   | 191.0   | 151.0   | 128.8   | 117.7   | 113.3   | 104.4   | 95.5    | 95.5    | 99.9    |
| 57.5° | 310.9   | 224.3   | 162.1   | 124.4   | 102.1   | 93.3    | 93.3    | 86.6    | 79.9    | 79.9    | 84.4    |
| 60°   | 284.2   | 193.2   | 133.2   | 102.1   | 79.9    | 77.7    | 79.9    | 73.3    | 68.8    | 68.8    | 73.3    |
| 62.5° | 253.2   | 164.3   | 108.8   | 84.4    | 64.4    | 62.2    | 68.8    | 64.4    | 60.0    | 60.0    | 64.4    |
| 65°   | 215.4   | 139.9   | 86.6    | 64.4    | 48.9    | 48.9    | 57.7    | 53.3    | 48.9    | 48.9    | 53.3    |
| 67.5° | 182.1   | 117.7   | 66.6    | 46.6    | 35.5    | 37.8    | 48.9    | 44.4    | 42.2    | 42.2    | 46.6    |
| 70°   | 151.0   | 91.0    | 46.6    | 28.9    | 20.0    | 28.9    | 37.8    | 37.8    | 37.8    | 37.8    | 42.2    |
| 72.5° | 113.3   | 62.2    | 26.6    | 11.1    | 8.9     | 20.0    | 31.1    | 35.5    | 33.3    | 33.3    | 40.0    |
| 75°   | 73.3    | 35.5    | 8.9     | 0.0     | 0.0     | 11.1    | 24.4    | 28.9    | 28.9    | 26.6    | 33.3    |
| 77.5° | 42.2    | 11.1    | 0.0     | 0.0     | 0.0     | 0.0     | 15.5    | 13.3    | 11.1    | 8.9     | 15.5    |
| 80°   | 11.1    | 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: P324253

CATALOG NUMBER: GAN-SA9C-760-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 | 15726.4 |
| 2.5°  | 13856.7 | 14118.7 | 14487.3 | 14878.2 | 15479.9 | 15957.4 | 16425.9 | 16827.9 | 16983.3 | 17047.7 |
| 5°    | 10967.6 | 11351.8 | 11891.4 | 12584.3 | 13670.1 | 14647.2 | 15637.6 | 16634.7 | 17067.7 | 17176.5 |
| 7.5°  | 7869.9  | 8360.6  | 9046.8  | 9915.1  | 11187.5 | 12453.2 | 13836.7 | 15300.1 | 15970.7 | 16139.5 |
| 10°   | 5824.7  | 6424.3  | 7210.4  | 8125.2  | 9339.9  | 10641.2 | 12149.0 | 13821.1 | 14587.3 | 14811.5 |
| 12.5° | 4132.6  | 4943.1  | 5995.7  | 7108.2  | 8160.8  | 9322.2  | 10847.7 | 12690.8 | 13494.7 | 13736.8 |
| 15°   | 2427.1  | 3211.0  | 4456.8  | 5946.8  | 7294.7  | 8471.7  | 10021.7 | 12111.3 | 12997.3 | 13241.6 |
| 17.5° | 1392.3  | 1783.2  | 2724.7  | 4385.7  | 6215.5  | 7845.5  | 9761.8  | 12255.6 | 13299.3 | 13525.8 |
| 20°   | 1063.7  | 1188.0  | 1570.0  | 2824.6  | 4954.2  | 7230.3  | 9761.8  | 13072.8 | 14358.5 | 14691.6 |
| 22.5° | 930.4   | 1021.5  | 1176.9  | 1685.5  | 3646.3  | 6570.8  | 9875.1  | 14254.2 | 15935.2 | 16303.8 |
| 25°   | 826.1   | 908.2   | 1041.5  | 1268.0  | 2487.1  | 5786.9  | 10143.8 | 15704.2 | 17791.6 | 18269.0 |
| 27.5° | 739.5   | 817.2   | 937.1   | 1110.3  | 1701.0  | 4841.0  | 10505.8 | 17405.2 | 19839.0 | 20221.0 |
| 30°   | 661.7   | 735.0   | 843.8   | 966.0   | 1312.4  | 3768.4  | 10814.4 | 19008.5 | 21446.7 | 21857.6 |
| 32.5° | 588.5   | 655.1   | 752.8   | 843.8   | 1074.8  | 2786.9  | 10847.7 | 20278.7 | 22781.3 | 23189.9 |
| 35°   | 519.6   | 579.6   | 668.4   | 739.5   | 890.5   | 2200.6  | 10330.3 | 21380.1 | 24115.9 | 24655.5 |
| 37.5° | 453.0   | 510.7   | 588.5   | 641.8   | 783.9   | 1794.3  | 9539.8  | 22608.1 | 25828.0 | 26327.7 |
| 40°   | 390.8   | 441.9   | 521.8   | 557.4   | 741.7   | 1379.0  | 8680.4  | 23896.1 | 27506.8 | 27964.3 |
| 42.5° | 333.1   | 381.9   | 459.7   | 528.5   | 650.6   | 1030.4  | 7752.2  | 25104.1 | 29016.8 | 29496.5 |
| 45°   | 277.6   | 328.7   | 406.4   | 559.6   | 539.6   | 770.6   | 6759.6  | 25905.8 | 30209.3 | 30731.2 |
| 47.5° | 224.3   | 282.0   | 388.6   | 532.9   | 430.8   | 566.3   | 5973.5  | 26665.2 | 31113.1 | 31628.3 |
| 50°   | 179.9   | 237.6   | 437.5   | 475.2   | 353.1   | 433.0   | 5644.8  | 27344.7 | 31706.0 | 32201.2 |
| 52.5° | 146.6   | 199.9   | 413.0   | 364.2   | 295.3   | 357.5   | 5822.5  | 28446.1 | 32254.5 | 32565.4 |
| 55°   | 122.1   | 157.7   | 248.7   | 253.2   | 250.9   | 304.2   | 6042.3  | 30027.2 | 33673.5 | 33820.0 |
| 57.5° | 106.6   | 126.6   | 173.2   | 195.4   | 211.0   | 270.9   | 6046.7  | 32296.7 | 35869.7 | 35960.7 |
| 60°   | 91.0    | 111.0   | 144.3   | 157.7   | 182.1   | 242.0   | 5826.9  | 33089.5 | 36733.5 | 37035.5 |
| 62.5° | 79.9    | 97.7    | 119.9   | 131.0   | 153.2   | 217.6   | 5311.7  | 31941.4 | 35547.7 | 36060.7 |
| 65°   | 71.1    | 88.8    | 99.9    | 111.0   | 135.5   | 195.4   | 4463.4  | 29645.3 | 33580.2 | 34115.4 |
| 67.5° | 62.2    | 77.7    | 88.8    | 99.9    | 122.1   | 173.2   | 3286.5  | 26978.3 | 31321.8 | 31766.0 |
| 70°   | 55.5    | 68.8    | 79.9    | 88.8    | 106.6   | 146.6   | 1994.1  | 22892.4 | 28199.7 | 28384.0 |
| 72.5° | 53.3    | 62.2    | 73.3    | 79.9    | 93.3    | 128.8   | 1010.4  | 16823.4 | 22543.7 | 22843.5 |
| 75°   | 46.6    | 55.5    | 66.6    | 71.1    | 82.2    | 111.0   | 410.8   | 11049.8 | 16337.1 | 16819.0 |
| 77.5° | 37.8    | 51.1    | 60.0    | 64.4    | 71.1    | 91.0    | 208.7   | 7061.6  | 11465.1 | 11775.9 |
| 80°   | 13.3    | 37.8    | 51.1    | 53.3    | 60.0    | 66.6    | 137.7   | 3866.1  | 6650.8  | 6784.0  |
| 82.5° | 0.0     | 24.4    | 40.0    | 37.8    | 42.2    | 51.1    | 88.8    | 1838.7  | 4390.2  | 4439.0  |
| 85°   | 0.0     | 11.1    | 31.1    | 24.4    | 17.8    | 35.5    | 31.1    | 401.9   | 2302.8  | 2398.3  |
| 87.5° | 0.0     | 0.0     | 2.2     | 11.1    | 8.9     | 13.3    | 4.4     | 2.2     | 208.7   | 264.3   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)