

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: P457947

Luminaire Tested: **GLAN-SA9B-750-U-SLR-HSS**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P457947  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA9B-750-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 5000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 37046 lumens  
Efficiency: N/A  
Efficacy: 101.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5

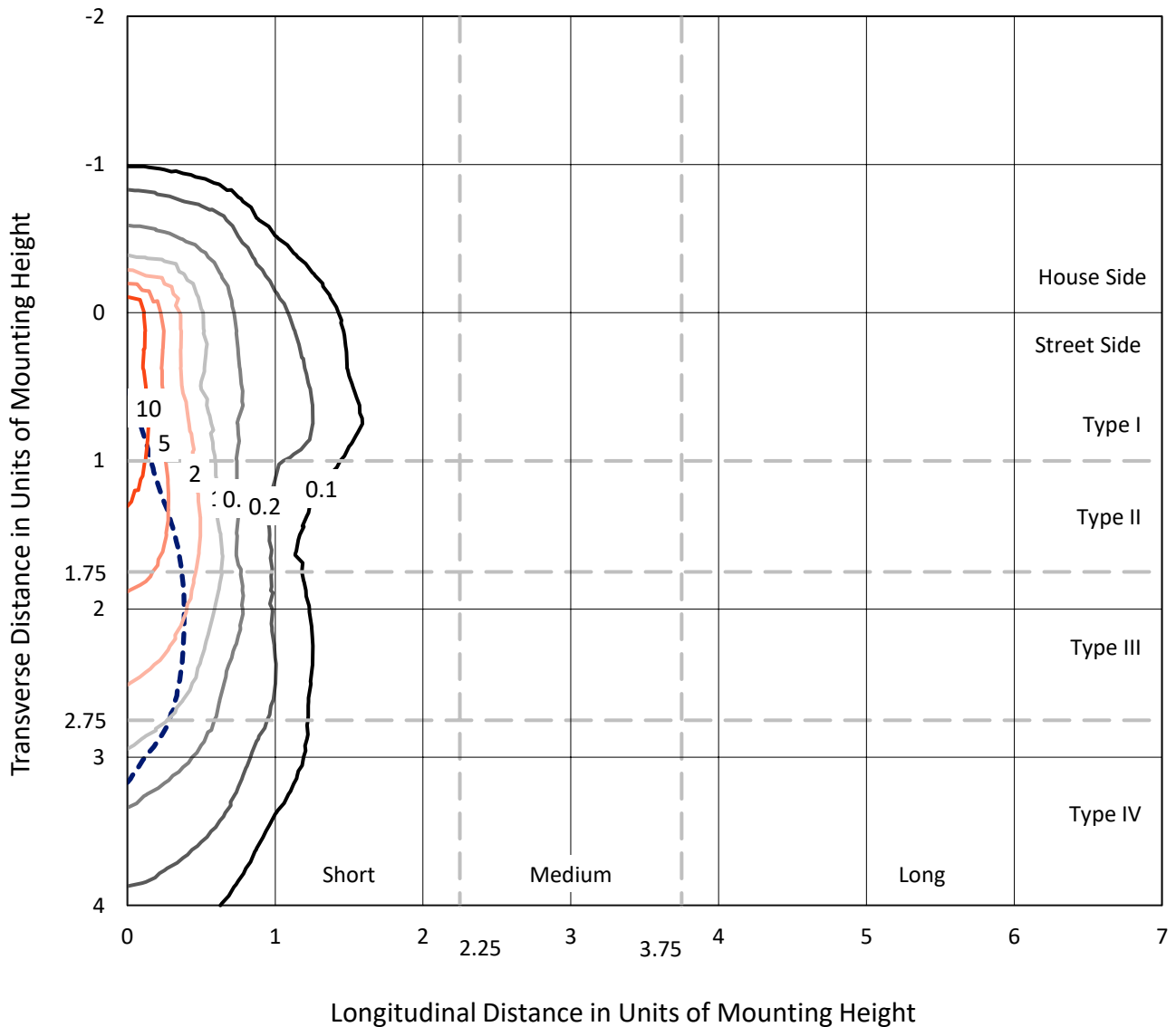
Input Watts (W): 364  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

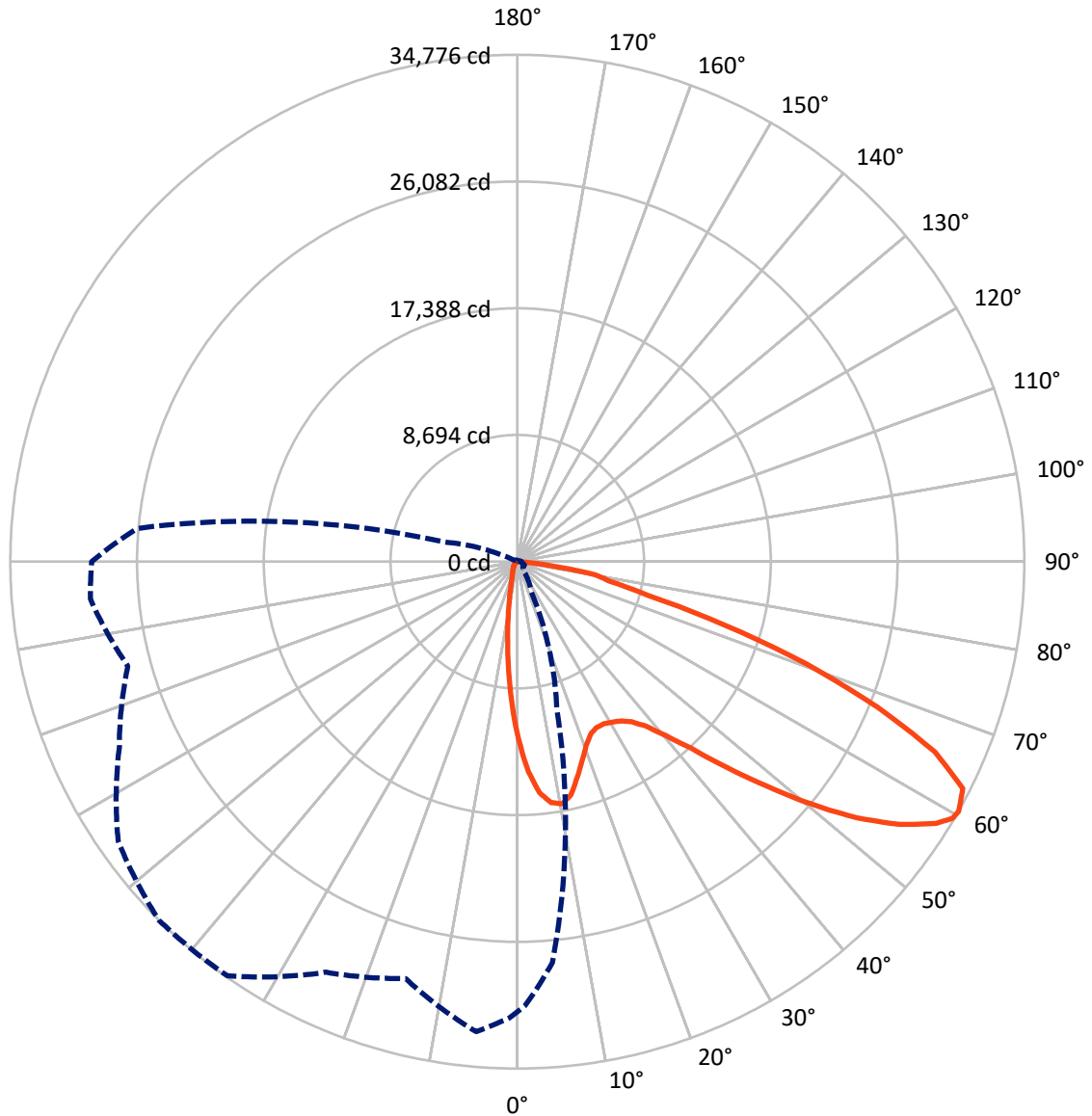
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4569.3   | 0.0    | 4569.3  |
|                    | % Fixture | 12.3     | 0.0    | 12.3    |
| <b>Street Side</b> | Lumens    | 32476.7  | 0.0    | 32476.7 |
|                    | % Fixture | 87.7     | 0.0    | 87.7    |
| <b>Total</b>       | Lumens    | 37046.0  | 0.0    | 37046.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 910.7   | 2.5       |
| 10°-20°   | 1808.6  | 4.9       |
| 20°-30°   | 2651.9  | 7.2       |
| 30°-40°   | 3943.9  | 10.6      |
| 40°-50°   | 5739.6  | 15.5      |
| 50°-60°   | 8276.9  | 22.3      |
| 60°-70°   | 9103.8  | 24.6      |
| 70°-80°   | 4077.7  | 11.0      |
| 80°-90°   | 532.8   | 1.4       |
| 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°    | 37046.0 | 100.0     |
| 0°-180°   | 37046.0 | 100.0     |

**Coefficient of Utilization**



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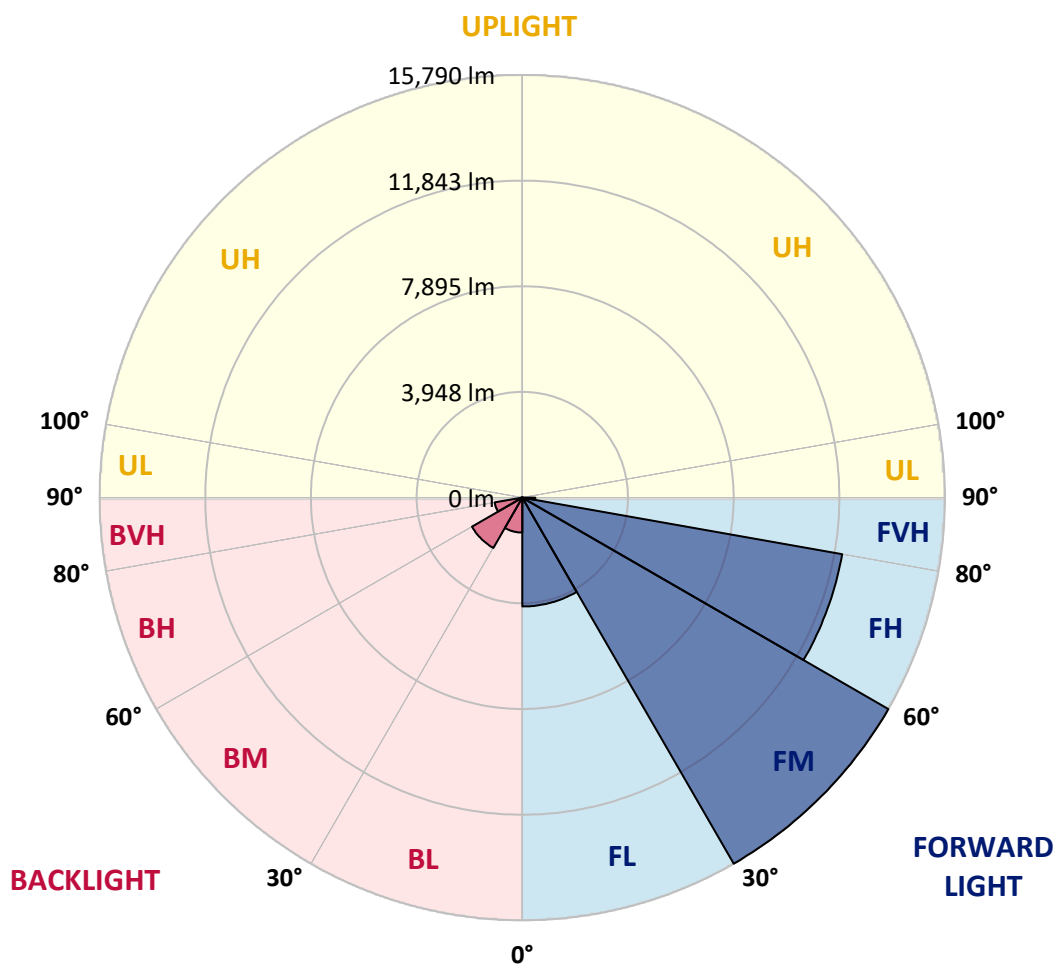
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 4065.7  | 11.0      |                         |      |         |
| FM   | (30°-60°)   | 15790.1 | 42.6      |                         |      |         |
| FH   | (60°-80°)   | 12133.7 | 32.8      |                         |      | G5      |
| FVH  | (80°-90°)   | 487.3   | 1.3       |                         |      | G3/500  |
| BL   | (0°-30°)    | 1305.6  | 3.5       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2170.3  | 5.9       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 1047.8  | 2.8       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 45.5    | 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 IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 |
| 2.5°  | 13460.8 | 13401.6 | 13266.5 | 12855.3 | 12497.7 | 12030.2 | 11557.1 | 11185.4 | 10957.3 | 10537.7 | 10346.2 |
| 5°    | 13041.2 | 13069.3 | 12677.9 | 11833.1 | 10892.5 | 10250.5 | 9549.3  | 8991.7  | 8377.8  | 7989.2  | 7580.8  |
| 7.5°  | 11945.7 | 11889.4 | 11464.2 | 10287.1 | 9143.7  | 8214.4  | 7327.4  | 6606.5  | 6153.1  | 5789.8  | 5485.7  |
| 10°   | 11008.0 | 10965.7 | 10422.2 | 8907.2  | 7679.4  | 6983.8  | 6384.0  | 5753.2  | 5266.0  | 4733.8  | 4308.6  |
| 12.5° | 10419.4 | 10323.7 | 9698.5  | 8115.9  | 7116.2  | 6468.5  | 5815.2  | 5159.0  | 4486.0  | 3948.1  | 3432.8  |
| 15°   | 10222.3 | 10084.3 | 9388.7  | 7842.7  | 6755.7  | 5933.4  | 5114.0  | 4359.3  | 3584.8  | 2990.7  | 2602.0  |
| 17.5° | 10579.9 | 10351.8 | 9611.2  | 7794.9  | 6324.9  | 5235.1  | 4226.9  | 3244.1  | 2438.7  | 1985.3  | 1746.0  |
| 20°   | 11399.4 | 11137.5 | 10174.4 | 7747.0  | 5846.1  | 4452.2  | 3213.1  | 2292.3  | 1686.8  | 1439.0  | 1306.7  |
| 22.5° | 12616.0 | 12255.5 | 11008.0 | 7823.0  | 5404.0  | 3689.0  | 2320.4  | 1619.2  | 1340.4  | 1185.6  | 1092.6  |
| 25°   | 14077.5 | 13776.2 | 12064.0 | 8093.4  | 5054.8  | 3089.2  | 1793.8  | 1323.5  | 1129.2  | 1033.5  | 963.1   |
| 27.5° | 15679.8 | 15198.3 | 13429.8 | 8417.2  | 4736.6  | 2624.6  | 1574.2  | 1182.7  | 1005.3  | 918.0   | 881.4   |
| 30°   | 16820.3 | 16445.8 | 14573.1 | 8642.5  | 4339.5  | 2275.4  | 1439.0  | 1165.8  | 1008.1  | 904.0   | 836.4   |
| 32.5° | 17946.8 | 17468.0 | 15530.6 | 8746.7  | 4049.5  | 2033.2  | 1244.7  | 1016.6  | 884.2   | 830.7   | 763.2   |
| 35°   | 19152.0 | 18650.8 | 16485.2 | 8690.4  | 3832.7  | 1872.7  | 1129.2  | 906.8   | 757.5   | 667.4   | 599.8   |
| 37.5° | 20371.4 | 19842.0 | 17434.2 | 8487.6  | 3697.5  | 1807.9  | 1039.1  | 861.7   | 715.3   | 622.3   | 549.1   |
| 40°   | 21818.8 | 21112.0 | 18324.1 | 8321.5  | 3556.7  | 1774.1  | 980.0   | 833.6   | 684.3   | 585.7   | 512.5   |
| 42.5° | 23001.6 | 22328.5 | 19166.1 | 8234.2  | 3460.9  | 1695.3  | 980.0   | 811.0   | 664.6   | 554.8   | 478.7   |
| 45°   | 24122.4 | 23424.0 | 20075.7 | 8304.6  | 3421.5  | 1596.7  | 991.3   | 808.2   | 650.5   | 532.2   | 456.2   |
| 47.5° | 25060.1 | 24454.7 | 21010.6 | 8569.3  | 3370.8  | 1489.7  | 932.1   | 847.6   | 642.1   | 512.5   | 433.7   |
| 50°   | 26166.8 | 25581.1 | 22246.9 | 9104.3  | 3280.7  | 1382.7  | 858.9   | 912.4   | 639.2   | 495.6   | 414.0   |
| 52.5° | 27726.9 | 27093.3 | 23953.4 | 9712.6  | 3137.1  | 1219.4  | 791.3   | 904.0   | 628.0   | 467.5   | 394.2   |
| 55°   | 29633.4 | 29120.9 | 25930.3 | 10442.0 | 2940.0  | 1036.3  | 684.3   | 802.6   | 594.2   | 419.6   | 360.5   |
| 57.5° | 30855.6 | 30419.1 | 27411.5 | 10757.4 | 2638.6  | 847.6   | 602.6   | 673.0   | 543.5   | 374.5   | 321.0   |
| 59°   | 30999.2 | 30604.9 | 27721.3 | 10653.2 | 2441.5  | 774.4   | 563.2   | 577.3   | 529.4   | 349.2   | 298.5   |
| 60°   | 30878.1 | 30469.8 | 27597.4 | 10450.4 | 2258.5  | 723.7   | 529.4   | 512.5   | 532.2   | 335.1   | 281.6   |
| 62.5° | 30100.9 | 29402.5 | 26394.9 | 9422.5  | 1974.1  | 664.6   | 470.3   | 419.6   | 470.3   | 301.3   | 250.6   |
| 65°   | 28599.9 | 27552.3 | 24015.4 | 7975.1  | 1861.4  | 630.8   | 399.9   | 352.0   | 357.6   | 264.7   | 216.8   |
| 67.5° | 25978.2 | 24657.4 | 20847.3 | 6479.8  | 1813.5  | 633.6   | 337.9   | 315.4   | 276.0   | 225.3   | 191.5   |
| 70°   | 21832.9 | 20515.0 | 16727.4 | 5330.8  | 1791.0  | 633.6   | 287.2   | 270.3   | 230.9   | 188.7   | 166.1   |
| 72.5° | 15471.4 | 14052.1 | 11284.0 | 4187.5  | 1613.6  | 630.8   | 245.0   | 245.0   | 188.7   | 157.7   | 135.2   |
| 75°   | 8741.1  | 8752.3  | 7093.7  | 2962.5  | 1340.4  | 521.0   | 197.1   | 194.3   | 138.0   | 121.1   | 101.4   |
| 77.5° | 5094.3  | 5004.1  | 4781.7  | 1272.9  | 622.3   | 236.5   | 138.0   | 118.3   | 95.7    | 87.3    | 73.2    |
| 80°   | 2618.9  | 2154.3  | 2098.0  | 461.8   | 222.5   | 149.3   | 95.7    | 67.6    | 62.0    | 56.3    | 50.7    |
| 82.5° | 774.4   | 777.2   | 692.8   | 185.9   | 123.9   | 98.6    | 47.9    | 36.6    | 33.8    | 31.0    | 31.0    |
| 85°   | 53.5    | 33.8    | 39.4    | 56.3    | 76.0    | 39.4    | 2.8     | 8.4     | 8.4     | 11.3    | 14.1    |
| 87.5° | 5.6     | 2.8     | 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°    | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 |
| 2.5°  | 10135.0 | 10258.9 | 10028.0 | 10033.6 | 9842.1  | 9904.1  | 9678.8  | 9752.0  | 9619.7  | 9721.0  | 10019.5 |
| 5°    | 7625.9  | 7654.1  | 7468.2  | 7409.1  | 7437.2  | 7552.7  | 7597.7  | 7392.2  | 7479.5  | 7307.7  | 7296.4  |
| 7.5°  | 5373.0  | 5406.8  | 5299.8  | 5285.7  | 5488.5  | 5440.6  | 5527.9  | 5316.7  | 5116.8  | 5204.1  | 5043.6  |
| 10°   | 4173.4  | 4032.6  | 3812.9  | 3751.0  | 3711.6  | 3736.9  | 3736.9  | 3545.4  | 3517.3  | 3441.2  | 3556.7  |
| 12.5° | 3294.8  | 3123.0  | 2914.6  | 2633.0  | 2562.6  | 2557.0  | 2452.8  | 2283.8  | 2230.3  | 2165.6  | 2261.3  |
| 15°   | 2393.7  | 2323.3  | 2148.7  | 1991.0  | 1830.4  | 1799.5  | 1630.5  | 1492.5  | 1309.5  | 1284.1  | 1275.7  |
| 17.5° | 1684.0  | 1579.8  | 1577.0  | 1486.9  | 1394.0  | 1332.0  | 1174.3  | 1016.6  | 946.2   | 937.7   | 937.7   |
| 20°   | 1261.6  | 1225.0  | 1165.8  | 1154.6  | 1126.4  | 1056.0  | 915.2   | 830.7   | 796.9   | 799.8   | 811.0   |
| 22.5° | 1061.7  | 1036.3  | 982.8   | 957.5   | 946.2   | 884.2   | 780.0   | 723.7   | 706.8   | 706.8   | 709.6   |
| 25°   | 949.0   | 926.5   | 867.3   | 827.9   | 813.8   | 768.8   | 687.1   | 644.9   | 630.8   | 630.8   | 630.8   |
| 27.5° | 864.5   | 836.4   | 774.4   | 740.6   | 715.3   | 664.6   | 613.9   | 571.7   | 557.6   | 557.6   | 560.4   |
| 30°   | 805.4   | 774.4   | 718.1   | 673.0   | 633.6   | 588.6   | 546.3   | 509.7   | 492.8   | 490.0   | 492.8   |
| 32.5° | 726.5   | 698.4   | 642.1   | 613.9   | 568.8   | 515.3   | 481.5   | 447.8   | 430.9   | 433.7   | 430.9   |
| 35°   | 566.0   | 557.6   | 518.2   | 526.6   | 501.3   | 456.2   | 425.2   | 388.6   | 368.9   | 366.1   | 371.7   |
| 37.5° | 515.3   | 481.5   | 436.5   | 439.3   | 430.9   | 414.0   | 363.3   | 323.8   | 309.8   | 309.8   | 312.6   |
| 40°   | 475.9   | 442.1   | 391.4   | 366.1   | 368.9   | 368.9   | 315.4   | 273.2   | 259.1   | 256.3   | 261.9   |
| 42.5° | 442.1   | 408.3   | 352.0   | 309.8   | 298.5   | 312.6   | 267.5   | 225.3   | 211.2   | 205.6   | 211.2   |
| 45°   | 419.6   | 383.0   | 318.2   | 270.3   | 236.5   | 253.4   | 219.7   | 185.9   | 169.0   | 169.0   | 166.1   |
| 47.5° | 397.1   | 363.3   | 292.9   | 233.7   | 197.1   | 188.7   | 180.2   | 149.3   | 132.4   | 129.5   | 132.4   |
| 50°   | 377.4   | 343.6   | 264.7   | 202.8   | 166.1   | 146.4   | 146.4   | 118.3   | 107.0   | 101.4   | 104.2   |
| 52.5° | 357.6   | 321.0   | 239.4   | 180.2   | 143.6   | 118.3   | 104.2   | 95.7    | 87.3    | 84.5    | 87.3    |
| 55°   | 329.5   | 292.9   | 214.0   | 154.9   | 123.9   | 98.6    | 81.7    | 78.8    | 73.2    | 67.6    | 73.2    |
| 57.5° | 295.7   | 261.9   | 188.7   | 132.4   | 98.6    | 76.0    | 67.6    | 64.8    | 59.1    | 56.3    | 56.3    |
| 59°   | 276.0   | 245.0   | 174.6   | 115.5   | 87.3    | 67.6    | 62.0    | 59.1    | 53.5    | 47.9    | 50.7    |
| 60°   | 264.7   | 239.4   | 166.1   | 107.0   | 78.8    | 62.0    | 56.3    | 53.5    | 47.9    | 45.1    | 47.9    |
| 62.5° | 233.7   | 214.0   | 146.4   | 87.3    | 62.0    | 45.1    | 39.4    | 42.2    | 39.4    | 36.6    | 39.4    |
| 65°   | 205.6   | 188.7   | 123.9   | 67.6    | 47.9    | 31.0    | 28.2    | 36.6    | 33.8    | 31.0    | 33.8    |
| 67.5° | 183.0   | 163.3   | 104.2   | 50.7    | 33.8    | 16.9    | 19.7    | 31.0    | 31.0    | 28.2    | 31.0    |
| 70°   | 157.7   | 140.8   | 84.5    | 36.6    | 16.9    | 8.4     | 14.1    | 22.5    | 28.2    | 25.3    | 28.2    |
| 72.5° | 129.5   | 109.8   | 64.8    | 25.3    | 8.4     | 0.0     | 8.4     | 19.7    | 28.2    | 25.3    | 28.2    |
| 75°   | 101.4   | 81.7    | 47.9    | 14.1    | 0.0     | 0.0     | 2.8     | 16.9    | 28.2    | 25.3    | 28.2    |
| 77.5° | 73.2    | 59.1    | 28.2    | 2.8     | 0.0     | 0.0     | 2.8     | 16.9    | 28.2    | 25.3    | 28.2    |
| 80°   | 47.9    | 42.2    | 11.3    | 0.0     | 0.0     | 0.0     | 2.8     | 16.9    | 28.2    | 28.2    | 31.0    |
| 82.5° | 31.0    | 22.5    | 0.0     | 0.0     | 0.0     | 0.0     | 5.6     | 22.5    | 31.0    | 33.8    | 33.8    |
| 85°   | 14.1    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 11.3    | 28.2    | 36.6    | 36.6    | 36.6    |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 5.6     | 19.7    | 33.8    | 42.2    | 42.2    | 42.2    |
| 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°    | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 |
| 2.5°  | 10070.2 | 10247.6 | 10498.3 | 10884.1 | 11196.7 | 11689.5 | 12066.8 | 12582.2 | 13103.1 | 13260.8 | 13505.8 |
| 5°    | 7411.9  | 7640.0  | 8208.8  | 8727.0  | 9053.6  | 10095.6 | 10754.5 | 11793.7 | 12725.8 | 13173.5 | 13660.7 |
| 7.5°  | 5147.8  | 5418.1  | 5851.8  | 6575.5  | 7262.6  | 8110.3  | 9174.7  | 10363.1 | 11728.9 | 12368.1 | 13055.3 |
| 10°   | 3613.0  | 3950.9  | 4562.0  | 5156.2  | 6020.7  | 6826.1  | 7876.5  | 9188.8  | 10695.4 | 11450.1 | 12311.8 |
| 12.5° | 2281.0  | 2582.3  | 3390.5  | 4057.9  | 5136.5  | 6071.4  | 7040.2  | 8228.5  | 9974.5  | 10748.9 | 11652.9 |
| 15°   | 1303.8  | 1557.3  | 1934.6  | 2790.7  | 3987.5  | 5223.8  | 6431.9  | 7811.8  | 9605.6  | 10560.2 | 11537.4 |
| 17.5° | 971.5   | 1039.1  | 1208.1  | 1692.5  | 2782.3  | 4226.9  | 5871.5  | 7685.0  | 9856.2  | 10977.0 | 12092.2 |
| 20°   | 816.7   | 861.7   | 940.6   | 1132.1  | 1774.1  | 3255.4  | 5325.2  | 7707.6  | 10667.2 | 12075.3 | 13134.1 |
| 22.5° | 732.2   | 760.3   | 825.1   | 949.0   | 1210.9  | 2371.1  | 4685.9  | 7839.9  | 11650.0 | 13424.2 | 14646.3 |
| 25°   | 642.1   | 678.7   | 735.0   | 842.0   | 1008.1  | 1644.6  | 4055.1  | 8135.6  | 13027.1 | 15136.3 | 16285.3 |
| 27.5° | 571.7   | 605.5   | 661.8   | 760.3   | 884.2   | 1256.0  | 3320.1  | 8389.0  | 14480.2 | 16859.8 | 17800.3 |
| 30°   | 501.3   | 535.1   | 591.4   | 670.2   | 782.9   | 1016.6  | 2528.8  | 8538.3  | 15891.0 | 18152.3 | 18876.1 |
| 32.5° | 442.1   | 470.3   | 523.8   | 594.2   | 687.1   | 861.7   | 1993.8  | 8383.4  | 16969.6 | 19326.6 | 19811.0 |
| 35°   | 383.0   | 416.8   | 461.8   | 526.6   | 608.3   | 735.0   | 1658.7  | 7848.4  | 17896.1 | 20534.7 | 20709.3 |
| 37.5° | 321.0   | 360.5   | 408.3   | 467.5   | 532.2   | 675.9   | 1332.0  | 7257.0  | 18887.3 | 22041.3 | 21754.1 |
| 40°   | 270.3   | 307.0   | 352.0   | 416.8   | 475.9   | 619.5   | 1025.0  | 6626.2  | 19957.4 | 23455.0 | 22894.6 |
| 42.5° | 219.7   | 259.1   | 312.6   | 371.7   | 470.3   | 540.7   | 794.1   | 5972.9  | 20917.7 | 24685.6 | 23925.3 |
| 45°   | 174.6   | 208.4   | 264.7   | 340.7   | 467.5   | 464.7   | 613.9   | 5328.0  | 21641.4 | 25564.2 | 24694.0 |
| 47.5° | 138.0   | 166.1   | 222.5   | 332.3   | 430.9   | 394.2   | 492.8   | 4928.1  | 22401.8 | 26355.5 | 25282.6 |
| 50°   | 109.8   | 138.0   | 191.5   | 346.4   | 377.4   | 337.9   | 414.0   | 4992.9  | 23136.8 | 26758.2 | 25524.8 |
| 52.5° | 92.9    | 121.1   | 166.1   | 273.2   | 290.1   | 295.7   | 363.3   | 5291.4  | 24085.8 | 27189.1 | 26006.3 |
| 55°   | 81.7    | 107.0   | 140.8   | 191.5   | 225.3   | 264.7   | 332.3   | 5508.2  | 25355.8 | 28112.7 | 27068.0 |
| 57.5° | 64.8    | 92.9    | 126.7   | 163.3   | 185.9   | 230.9   | 307.0   | 5525.1  | 26504.8 | 29298.3 | 28478.8 |
| 59°   | 59.1    | 84.5    | 118.3   | 154.9   | 166.1   | 208.4   | 290.1   | 5381.5  | 26547.0 | 29475.7 | 29126.5 |
| 60°   | 53.5    | 81.7    | 112.6   | 143.6   | 157.7   | 197.1   | 276.0   | 5215.3  | 26164.0 | 29194.1 | 29394.0 |
| 62.5° | 45.1    | 70.4    | 98.6    | 115.5   | 135.2   | 163.3   | 239.4   | 4612.7  | 24308.2 | 27918.4 | 28898.4 |
| 65°   | 39.4    | 62.0    | 84.5    | 95.7    | 112.6   | 140.8   | 211.2   | 3691.9  | 22258.1 | 26189.4 | 27479.1 |
| 67.5° | 36.6    | 56.3    | 73.2    | 81.7    | 98.6    | 129.5   | 188.7   | 2607.7  | 19602.6 | 23995.7 | 25347.4 |
| 70°   | 33.8    | 53.5    | 64.8    | 76.0    | 87.3    | 109.8   | 160.5   | 1520.7  | 15099.7 | 20148.9 | 21576.7 |
| 72.5° | 33.8    | 50.7    | 56.3    | 64.8    | 76.0    | 98.6    | 149.3   | 822.3   | 10323.7 | 15370.1 | 17214.6 |
| 75°   | 33.8    | 47.9    | 50.7    | 56.3    | 67.6    | 90.1    | 132.4   | 430.9   | 6674.1  | 10678.5 | 13179.2 |
| 77.5° | 33.8    | 45.1    | 50.7    | 53.5    | 64.8    | 78.8    | 115.5   | 270.3   | 4446.6  | 7479.5  | 8907.2  |
| 80°   | 36.6    | 45.1    | 47.9    | 53.5    | 62.0    | 73.2    | 95.7    | 180.2   | 2613.3  | 4500.1  | 5420.9  |
| 82.5° | 39.4    | 45.1    | 50.7    | 56.3    | 64.8    | 70.4    | 84.5    | 112.6   | 1205.3  | 2976.6  | 3368.0  |
| 85°   | 42.2    | 47.9    | 53.5    | 59.1    | 67.6    | 70.4    | 78.8    | 81.7    | 197.1   | 1343.3  | 1816.4  |
| 87.5° | 45.1    | 50.7    | 56.3    | 62.0    | 73.2    | 73.2    | 73.2    | 73.2    | 67.6    | 143.6   | 366.1   |
| 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: GLAN-SA9B-750-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 | 12244.2 |
| 2.5°  | 13815.6 | 14133.8 | 14356.3 | 14412.6 | 14252.1 | 14178.9 | 13976.1 | 13660.7 | 13469.2 | 13460.8 |
| 5°    | 14559.0 | 15305.3 | 15823.4 | 15910.7 | 15601.0 | 15077.2 | 14454.8 | 13652.3 | 13182.0 | 13041.2 |
| 7.5°  | 14432.3 | 15739.0 | 16572.5 | 16693.6 | 16172.6 | 15172.9 | 13967.7 | 12675.1 | 12162.6 | 11945.7 |
| 10°   | 13911.3 | 15505.2 | 16696.4 | 16887.9 | 16192.3 | 14784.3 | 13252.4 | 11810.6 | 11174.1 | 11008.0 |
| 12.5° | 13466.4 | 15077.2 | 16136.0 | 16400.7 | 15874.1 | 14468.9 | 12824.3 | 11255.8 | 10574.3 | 10419.4 |
| 15°   | 13272.1 | 14570.3 | 15218.0 | 15353.2 | 15265.9 | 14271.8 | 12779.3 | 11171.3 | 10391.3 | 10222.3 |
| 17.5° | 13466.4 | 14139.4 | 14221.1 | 14359.1 | 14553.4 | 14252.1 | 13213.0 | 11630.3 | 10788.3 | 10579.9 |
| 20°   | 13976.1 | 13764.9 | 13427.0 | 13486.1 | 13931.1 | 14333.7 | 13984.6 | 12646.9 | 11621.9 | 11399.4 |
| 22.5° | 14843.5 | 13672.0 | 12906.0 | 12855.3 | 13418.5 | 14606.9 | 15116.6 | 14024.0 | 12835.6 | 12616.0 |
| 25°   | 15907.9 | 13905.7 | 12714.5 | 12604.7 | 13218.6 | 15006.8 | 16347.2 | 15710.8 | 14412.6 | 14077.5 |
| 27.5° | 17068.1 | 14390.1 | 12714.5 | 12607.5 | 13201.7 | 15361.6 | 17400.4 | 17203.3 | 16045.9 | 15679.8 |
| 30°   | 17704.6 | 14790.0 | 12897.6 | 12776.5 | 13410.1 | 15567.2 | 17963.7 | 18529.7 | 17273.7 | 16820.3 |
| 32.5° | 18273.4 | 15344.7 | 13255.2 | 13027.1 | 13846.6 | 15871.3 | 18467.7 | 19656.1 | 18250.9 | 17946.8 |
| 35°   | 18797.2 | 15938.9 | 13748.0 | 13483.3 | 14421.0 | 16288.1 | 19025.3 | 20838.9 | 19611.0 | 19152.0 |
| 37.5° | 19374.5 | 16628.8 | 14516.8 | 14291.5 | 15381.3 | 17099.1 | 19687.1 | 22393.3 | 20948.7 | 20371.4 |
| 40°   | 20002.5 | 17428.6 | 15781.2 | 15685.5 | 16907.6 | 18017.2 | 20523.5 | 24052.0 | 22475.0 | 21818.8 |
| 42.5° | 20641.7 | 18349.5 | 17330.0 | 17487.7 | 18636.7 | 19304.1 | 21382.3 | 25327.7 | 23725.3 | 23001.6 |
| 45°   | 21221.8 | 19526.6 | 19343.5 | 20123.6 | 20653.0 | 20560.1 | 22018.8 | 26226.0 | 24815.1 | 24122.4 |
| 47.5° | 21954.0 | 21241.5 | 21779.4 | 22981.9 | 22996.0 | 21925.8 | 22500.3 | 26961.0 | 25752.9 | 25060.1 |
| 50°   | 22773.5 | 23266.3 | 24925.0 | 26149.9 | 25820.5 | 23269.1 | 23063.5 | 27831.1 | 26721.6 | 26166.8 |
| 52.5° | 23722.5 | 25533.2 | 27831.1 | 29191.3 | 28422.5 | 24733.5 | 24001.3 | 28771.7 | 28259.2 | 27726.9 |
| 55°   | 24826.4 | 27079.2 | 30728.9 | 31813.0 | 31038.6 | 26552.6 | 25426.2 | 30047.4 | 29996.7 | 29633.4 |
| 57.5° | 26073.9 | 28712.6 | 32407.2 | 33874.4 | 33184.5 | 28687.2 | 27417.2 | 31249.8 | 31058.3 | 30855.6 |
| 59°   | 27059.5 | 29551.7 | 33147.9 | 34668.5 | 34251.7 | 30182.5 | 28754.8 | 31998.9 | 31303.3 | 30999.2 |
| 60°   | 27656.5 | 30120.6 | 33421.0 | 34775.5 | 34679.8 | 31072.4 | 29602.4 | 32365.0 | 31300.5 | 30878.1 |
| 62.5° | 29427.8 | 31114.7 | 33316.8 | 34299.6 | 34674.2 | 32778.9 | 32089.0 | 32767.7 | 30720.4 | 30100.9 |
| 65°   | 30058.6 | 30785.2 | 31590.6 | 31469.5 | 31790.5 | 32691.7 | 33677.3 | 32325.6 | 29481.3 | 28599.9 |
| 67.5° | 28830.8 | 27172.2 | 27456.6 | 26648.4 | 26490.7 | 29064.6 | 33032.4 | 30162.8 | 27056.7 | 25978.2 |
| 70°   | 24302.6 | 20816.3 | 20672.7 | 21044.4 | 20025.0 | 23531.0 | 29661.6 | 25997.9 | 23055.1 | 21832.9 |
| 72.5° | 19129.5 | 14711.1 | 13500.2 | 14868.8 | 14837.8 | 17952.4 | 24640.5 | 18448.0 | 15575.6 | 15471.4 |
| 75°   | 15043.4 | 10242.0 | 8988.9  | 9211.3  | 9639.4  | 12996.1 | 19625.1 | 11714.8 | 9591.5  | 8741.1  |
| 77.5° | 10098.4 | 7257.0  | 6769.8  | 6496.7  | 6958.5  | 8344.0  | 12416.0 | 6353.0  | 5378.7  | 5094.3  |
| 80°   | 5820.8  | 5271.7  | 5986.9  | 5435.0  | 5682.8  | 5257.6  | 6175.6  | 2914.6  | 2419.0  | 2618.9  |
| 82.5° | 3787.6  | 3001.9  | 3199.0  | 2376.8  | 3249.7  | 3277.9  | 1982.5  | 861.7   | 729.4   | 774.4   |
| 85°   | 2368.3  | 1408.0  | 791.3   | 563.2   | 1120.8  | 2061.4  | 619.5   | 53.5    | 62.0    | 53.5    |
| 87.5° | 613.9   | 233.7   | 98.6    | 146.4   | 180.2   | 160.5   | 143.6   | 8.4     | 2.8     | 5.6     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)