

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: P454815

Luminaire Tested: **GLAN-SA6A-722-U-SLR-HSS**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P454815  
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-SA6A-722-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 2200K, 615mA 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: 14316 lumens  
Efficiency: N/A  
Efficacy: 78.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G2

Input Watts (W): 182  
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



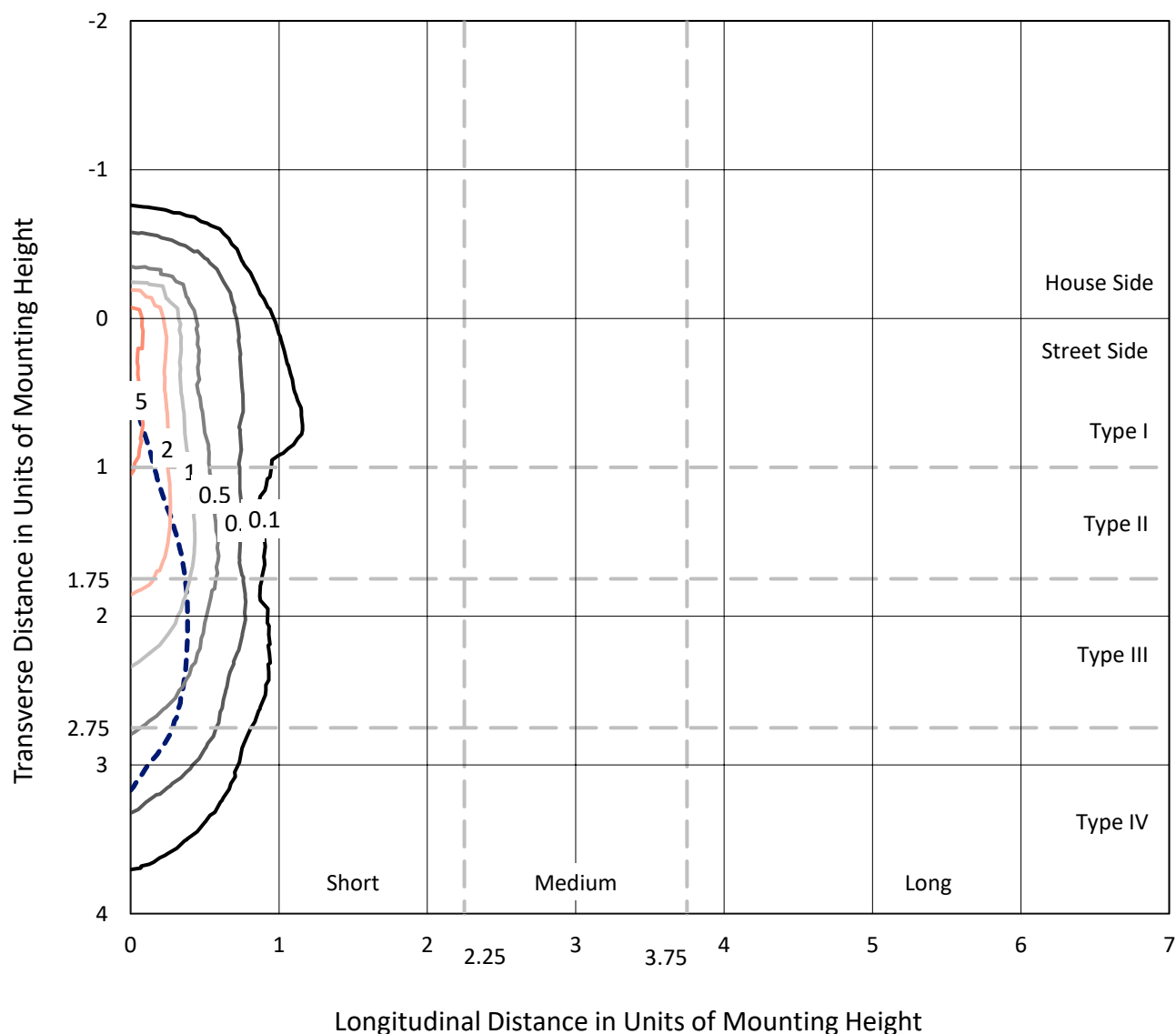
REPORT NUMBER: P454815

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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

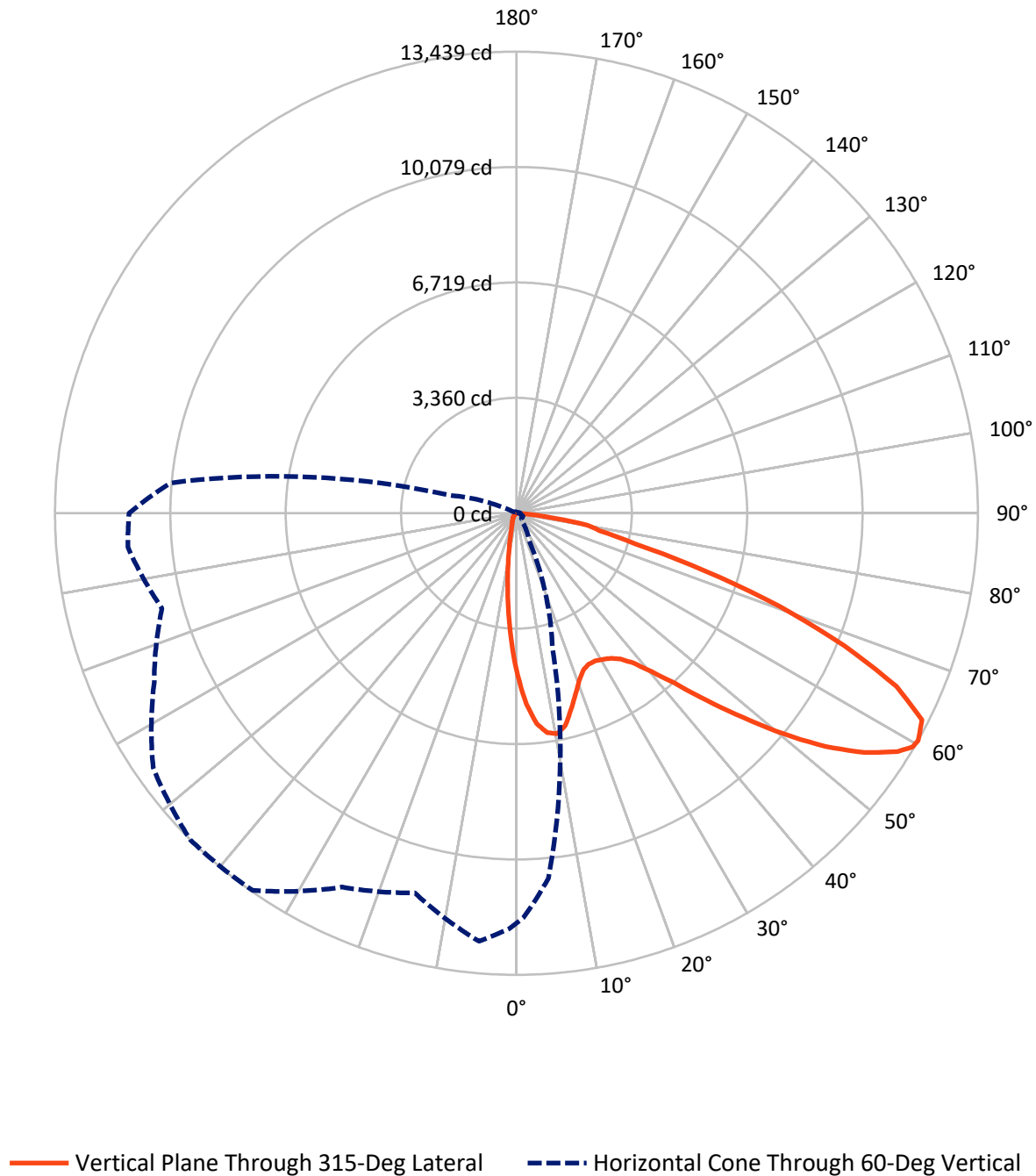


Based on 25 foot mounting height. Maximum calculated value = 7.6 fc

Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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CATALOG NUMBER: GLAN-SA6A-722-U-SLR-HSS

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1765.7   | 0.0    | 1765.7  |
|                    | % Fixture | 12.3     | 0.0    | 12.3    |
| <b>Street Side</b> | Lumens    | 12550.3  | 0.0    | 12550.3 |
|                    | % Fixture | 87.7     | 0.0    | 87.7    |
| <b>Total</b>       | Lumens    | 14316.0  | 0.0    | 14316.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 351.9   | 2.5       |
| 10°-20°   | 698.9   | 4.9       |
| 20°-30°   | 1024.8  | 7.2       |
| 30°-40°   | 1524.1  | 10.6      |
| 40°-50°   | 2218.0  | 15.5      |
| 50°-60°   | 3198.5  | 22.3      |
| 60°-70°   | 3518.0  | 24.6      |
| 70°-80°   | 1575.8  | 11.0      |
| 80°-90°   | 205.9   | 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°    | 14316.0 | 100.0     |
| 0°-180°   | 14316.0 | 100.0     |

**Coefficient of Utilization**



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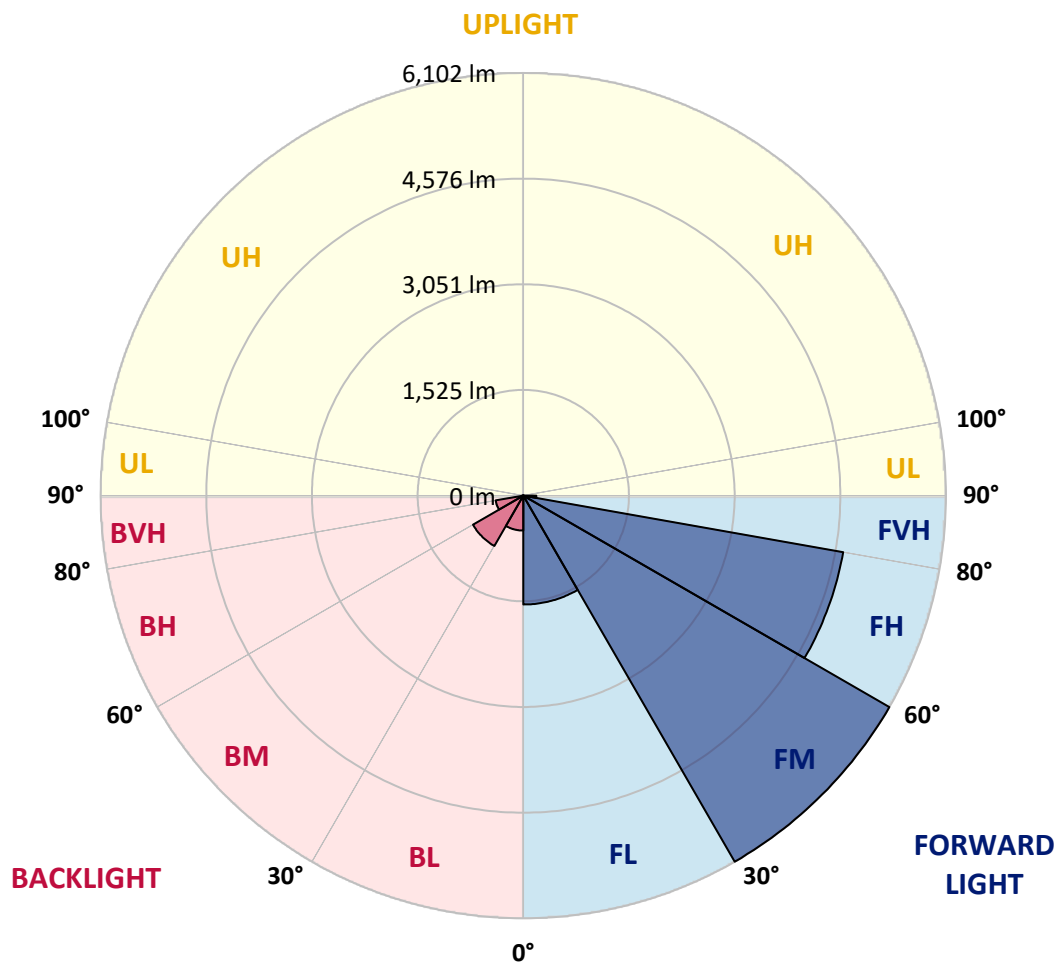
CATALOG NUMBER: GLAN-SA6A-722-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1571.1 | 11.0      |                         |      |         |
| FM   | (30°-60°)   | 6101.9 | 42.6      |                         |      |         |
| FH   | (60°-80°)   | 4688.9 | 32.8      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 188.3  | 1.3       |                         |      | G2/225  |
| BL   | (0°-30°)    | 504.5  | 3.5       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 838.7  | 5.9       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 404.9  | 2.8       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 17.6   | 0.1       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4731.6  | 4731.6  | 4731.6  | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 |
| 2.5°  | 5201.8  | 5178.9  | 5126.7  | 4967.8 | 4829.6 | 4648.9 | 4466.1 | 4322.5 | 4234.3 | 4072.2 | 3998.2 |
| 5°    | 5039.6  | 5050.5  | 4899.2  | 4572.8 | 4209.3 | 3961.2 | 3690.2 | 3474.7 | 3237.5 | 3087.3 | 2929.5 |
| 7.5°  | 4616.3  | 4594.5  | 4430.2  | 3975.3 | 3533.5 | 3174.4 | 2831.6 | 2553.0 | 2377.8 | 2237.4 | 2119.9 |
| 10°   | 4253.9  | 4237.6  | 4027.6  | 3442.1 | 2967.6 | 2698.8 | 2467.0 | 2223.3 | 2035.0 | 1829.3 | 1665.0 |
| 12.5° | 4026.5  | 3989.5  | 3747.9  | 3136.3 | 2750.0 | 2499.7 | 2247.2 | 1993.6 | 1733.6 | 1525.7 | 1326.6 |
| 15°   | 3950.3  | 3897.0  | 3628.2  | 3030.7 | 2610.7 | 2292.9 | 1976.2 | 1684.6 | 1385.3 | 1155.7 | 1005.5 |
| 17.5° | 4088.5  | 4000.3  | 3714.1  | 3012.2 | 2444.2 | 2023.0 | 1633.4 | 1253.6 | 942.4  | 767.2  | 674.7  |
| 20°   | 4405.2  | 4304.0  | 3931.8  | 2993.7 | 2259.2 | 1720.5 | 1241.7 | 885.8  | 651.9  | 556.1  | 504.9  |
| 22.5° | 4875.3  | 4736.0  | 4253.9  | 3023.1 | 2088.3 | 1425.6 | 896.7  | 625.7  | 518.0  | 458.1  | 422.2  |
| 25°   | 5440.1  | 5323.6  | 4662.0  | 3127.6 | 1953.4 | 1193.8 | 693.2  | 511.5  | 436.4  | 399.4  | 372.2  |
| 27.5° | 6059.3  | 5873.2  | 5189.8  | 3252.7 | 1830.4 | 1014.2 | 608.3  | 457.1  | 388.5  | 354.8  | 340.6  |
| 30°   | 6500.0  | 6355.3  | 5631.6  | 3339.8 | 1677.0 | 879.3  | 556.1  | 450.5  | 389.6  | 349.3  | 323.2  |
| 32.5° | 6935.3  | 6750.3  | 6001.6  | 3380.1 | 1564.9 | 785.7  | 481.0  | 392.9  | 341.7  | 321.0  | 294.9  |
| 35°   | 7401.1  | 7207.4  | 6370.5  | 3358.3 | 1481.1 | 723.7  | 436.4  | 350.4  | 292.7  | 257.9  | 231.8  |
| 37.5° | 7872.3  | 7667.7  | 6737.3  | 3279.9 | 1428.9 | 698.6  | 401.6  | 333.0  | 276.4  | 240.5  | 212.2  |
| 40°   | 8431.6  | 8158.5  | 7081.1  | 3215.7 | 1374.4 | 685.6  | 378.7  | 322.1  | 264.4  | 226.4  | 198.1  |
| 42.5° | 8888.7  | 8628.6  | 7406.5  | 3182.0 | 1337.4 | 655.1  | 378.7  | 313.4  | 256.8  | 214.4  | 185.0  |
| 45°   | 9321.8  | 9051.9  | 7758.0  | 3209.2 | 1322.2 | 617.0  | 383.1  | 312.3  | 251.4  | 205.7  | 176.3  |
| 47.5° | 9684.2  | 9450.2  | 8119.3  | 3311.5 | 1302.6 | 575.7  | 360.2  | 327.6  | 248.1  | 198.1  | 167.6  |
| 50°   | 10111.9 | 9885.5  | 8597.1  | 3518.3 | 1267.8 | 534.3  | 331.9  | 352.6  | 247.0  | 191.5  | 160.0  |
| 52.5° | 10714.8 | 10469.9 | 9256.5  | 3753.3 | 1212.3 | 471.2  | 305.8  | 349.3  | 242.7  | 180.6  | 152.4  |
| 55°   | 11451.5 | 11253.4 | 10020.5 | 4035.2 | 1136.1 | 400.5  | 264.4  | 310.1  | 229.6  | 162.1  | 139.3  |
| 57.5° | 11923.8 | 11755.1 | 10592.9 | 4157.1 | 1019.7 | 327.6  | 232.9  | 260.1  | 210.0  | 144.7  | 124.1  |
| 59°   | 11979.3 | 11826.9 | 10712.6 | 4116.8 | 943.5  | 299.3  | 217.6  | 223.1  | 204.6  | 134.9  | 115.4  |
| 60°   | 11932.5 | 11774.7 | 10664.7 | 4038.4 | 872.8  | 279.7  | 204.6  | 198.1  | 205.7  | 129.5  | 108.8  |
| 62.5° | 11632.1 | 11362.3 | 10200.0 | 3641.2 | 762.9  | 256.8  | 181.7  | 162.1  | 181.7  | 116.4  | 96.9   |
| 65°   | 11052.1 | 10647.3 | 9280.5  | 3081.9 | 719.3  | 243.8  | 154.5  | 136.0  | 138.2  | 102.3  | 83.8   |
| 67.5° | 10039.0 | 9528.6  | 8056.2  | 2504.0 | 700.8  | 244.9  | 130.6  | 121.9  | 106.6  | 87.1   | 74.0   |
| 70°   | 8437.1  | 7927.8  | 6464.1  | 2060.0 | 692.1  | 244.9  | 111.0  | 104.5  | 89.2   | 72.9   | 64.2   |
| 72.5° | 5978.8  | 5430.3  | 4360.6  | 1618.2 | 623.6  | 243.8  | 94.7   | 94.7   | 72.9   | 60.9   | 52.2   |
| 75°   | 3377.9  | 3382.2  | 2741.3  | 1144.8 | 518.0  | 201.3  | 76.2   | 75.1   | 53.3   | 46.8   | 39.2   |
| 77.5° | 1968.6  | 1933.8  | 1847.8  | 491.9  | 240.5  | 91.4   | 53.3   | 45.7   | 37.0   | 33.7   | 28.3   |
| 80°   | 1012.1  | 832.5   | 810.7   | 178.5  | 86.0   | 57.7   | 37.0   | 26.1   | 23.9   | 21.8   | 19.6   |
| 82.5° | 299.3   | 300.4   | 267.7   | 71.8   | 47.9   | 38.1   | 18.5   | 14.1   | 13.1   | 12.0   | 12.0   |
| 85°   | 20.7    | 13.1    | 15.2    | 21.8   | 29.4   | 15.2   | 1.1    | 3.3    | 3.3    | 4.4    | 5.4    |
| 87.5° | 2.2     | 1.1     | 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°    | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 |
| 2.5°  | 3916.6 | 3964.4 | 3875.2 | 3877.4 | 3803.4 | 3827.3 | 3740.3 | 3768.6 | 3717.4 | 3756.6 | 3871.9 |
| 5°    | 2946.9 | 2957.8 | 2886.0 | 2863.1 | 2874.0 | 2918.6 | 2936.1 | 2856.6 | 2890.4 | 2824.0 | 2819.6 |
| 7.5°  | 2076.4 | 2089.4 | 2048.1 | 2042.6 | 2121.0 | 2102.5 | 2136.2 | 2054.6 | 1977.3 | 2011.1 | 1949.0 |
| 10°   | 1612.8 | 1558.4 | 1473.5 | 1449.5 | 1434.3 | 1444.1 | 1444.1 | 1370.1 | 1359.2 | 1329.8 | 1374.4 |
| 12.5° | 1273.2 | 1206.9 | 1126.3 | 1017.5 | 990.3  | 988.1  | 947.9  | 882.6  | 861.9  | 836.9  | 873.9  |
| 15°   | 925.0  | 897.8  | 830.3  | 769.4  | 707.4  | 695.4  | 630.1  | 576.8  | 506.0  | 496.2  | 493.0  |
| 17.5° | 650.8  | 610.5  | 609.4  | 574.6  | 538.7  | 514.7  | 453.8  | 392.9  | 365.6  | 362.4  | 362.4  |
| 20°   | 487.5  | 473.4  | 450.5  | 446.2  | 435.3  | 408.1  | 353.7  | 321.0  | 308.0  | 309.1  | 313.4  |
| 22.5° | 410.3  | 400.5  | 379.8  | 370.0  | 365.6  | 341.7  | 301.4  | 279.7  | 273.1  | 273.1  | 274.2  |
| 25°   | 366.7  | 358.0  | 335.2  | 319.9  | 314.5  | 297.1  | 265.5  | 249.2  | 243.8  | 243.8  | 243.8  |
| 27.5° | 334.1  | 323.2  | 299.3  | 286.2  | 276.4  | 256.8  | 237.2  | 220.9  | 215.5  | 215.5  | 216.6  |
| 30°   | 311.2  | 299.3  | 277.5  | 260.1  | 244.9  | 227.4  | 211.1  | 197.0  | 190.4  | 189.4  | 190.4  |
| 32.5° | 280.8  | 269.9  | 248.1  | 237.2  | 219.8  | 199.1  | 186.1  | 173.0  | 166.5  | 167.6  | 166.5  |
| 35°   | 218.7  | 215.5  | 200.2  | 203.5  | 193.7  | 176.3  | 164.3  | 150.2  | 142.6  | 141.5  | 143.6  |
| 37.5° | 199.1  | 186.1  | 168.7  | 169.8  | 166.5  | 160.0  | 140.4  | 125.1  | 119.7  | 119.7  | 120.8  |
| 40°   | 183.9  | 170.9  | 151.3  | 141.5  | 142.6  | 142.6  | 121.9  | 105.6  | 100.1  | 99.0   | 101.2  |
| 42.5° | 170.9  | 157.8  | 136.0  | 119.7  | 115.4  | 120.8  | 103.4  | 87.1   | 81.6   | 79.4   | 81.6   |
| 45°   | 162.1  | 148.0  | 123.0  | 104.5  | 91.4   | 97.9   | 84.9   | 71.8   | 65.3   | 65.3   | 64.2   |
| 47.5° | 153.4  | 140.4  | 113.2  | 90.3   | 76.2   | 72.9   | 69.6   | 57.7   | 51.1   | 50.1   | 51.1   |
| 50°   | 145.8  | 132.8  | 102.3  | 78.4   | 64.2   | 56.6   | 56.6   | 45.7   | 41.4   | 39.2   | 40.3   |
| 52.5° | 138.2  | 124.1  | 92.5   | 69.6   | 55.5   | 45.7   | 40.3   | 37.0   | 33.7   | 32.6   | 33.7   |
| 55°   | 127.3  | 113.2  | 82.7   | 59.9   | 47.9   | 38.1   | 31.6   | 30.5   | 28.3   | 26.1   | 28.3   |
| 57.5° | 114.3  | 101.2  | 72.9   | 51.1   | 38.1   | 29.4   | 26.1   | 25.0   | 22.9   | 21.8   | 21.8   |
| 59°   | 106.6  | 94.7   | 67.5   | 44.6   | 33.7   | 26.1   | 23.9   | 22.9   | 20.7   | 18.5   | 19.6   |
| 60°   | 102.3  | 92.5   | 64.2   | 41.4   | 30.5   | 23.9   | 21.8   | 20.7   | 18.5   | 17.4   | 18.5   |
| 62.5° | 90.3   | 82.7   | 56.6   | 33.7   | 23.9   | 17.4   | 15.2   | 16.3   | 15.2   | 14.1   | 15.2   |
| 65°   | 79.4   | 72.9   | 47.9   | 26.1   | 18.5   | 12.0   | 10.9   | 14.1   | 13.1   | 12.0   | 13.1   |
| 67.5° | 70.7   | 63.1   | 40.3   | 19.6   | 13.1   | 6.5    | 7.6    | 12.0   | 12.0   | 10.9   | 12.0   |
| 70°   | 60.9   | 54.4   | 32.6   | 14.1   | 6.5    | 3.3    | 5.4    | 8.7    | 10.9   | 9.8    | 10.9   |
| 72.5° | 50.1   | 42.4   | 25.0   | 9.8    | 3.3    | 0.0    | 3.3    | 7.6    | 10.9   | 9.8    | 10.9   |
| 75°   | 39.2   | 31.6   | 18.5   | 5.4    | 0.0    | 0.0    | 1.1    | 6.5    | 10.9   | 9.8    | 10.9   |
| 77.5° | 28.3   | 22.9   | 10.9   | 1.1    | 0.0    | 0.0    | 1.1    | 6.5    | 10.9   | 9.8    | 10.9   |
| 80°   | 18.5   | 16.3   | 4.4    | 0.0    | 0.0    | 0.0    | 1.1    | 6.5    | 10.9   | 10.9   | 12.0   |
| 82.5° | 12.0   | 8.7    | 0.0    | 0.0    | 0.0    | 0.0    | 2.2    | 8.7    | 12.0   | 13.1   | 13.1   |
| 85°   | 5.4    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.4    | 10.9   | 14.1   | 14.1   | 14.1   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.2    | 7.6    | 13.1   | 16.3   | 16.3   | 16.3   |
| 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°    | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6 | 4731.6  | 4731.6  | 4731.6  |
| 2.5°  | 3891.5 | 3960.1 | 4056.9 | 4206.0 | 4326.8 | 4517.3 | 4663.1 | 4862.2 | 5063.6  | 5124.5  | 5219.2  |
| 5°    | 2864.2 | 2952.4 | 3172.2 | 3372.4 | 3498.7 | 3901.3 | 4156.0 | 4557.5 | 4917.7  | 5090.8  | 5279.0  |
| 7.5°  | 1989.3 | 2093.8 | 2261.4 | 2541.0 | 2806.6 | 3134.1 | 3545.5 | 4004.7 | 4532.5  | 4779.5  | 5045.1  |
| 10°   | 1396.2 | 1526.8 | 1762.9 | 1992.6 | 2326.6 | 2637.9 | 3043.8 | 3550.9 | 4133.1  | 4424.8  | 4757.8  |
| 12.5° | 881.5  | 997.9  | 1310.2 | 1568.1 | 1984.9 | 2346.2 | 2720.6 | 3179.8 | 3854.5  | 4153.8  | 4503.1  |
| 15°   | 503.9  | 601.8  | 747.6  | 1078.4 | 1540.9 | 2018.7 | 2485.5 | 3018.8 | 3712.0  | 4080.9  | 4458.5  |
| 17.5° | 375.4  | 401.6  | 466.9  | 654.0  | 1075.2 | 1633.4 | 2269.0 | 2969.8 | 3808.8  | 4241.9  | 4672.9  |
| 20°   | 315.6  | 333.0  | 363.5  | 437.5  | 685.6  | 1258.0 | 2057.9 | 2978.5 | 4122.2  | 4666.3  | 5075.5  |
| 22.5° | 282.9  | 293.8  | 318.9  | 366.7  | 467.9  | 916.3  | 1810.8 | 3029.6 | 4502.0  | 5187.6  | 5659.9  |
| 25°   | 248.1  | 262.3  | 284.0  | 325.4  | 389.6  | 635.5  | 1567.1 | 3143.9 | 5034.2  | 5849.3  | 6293.3  |
| 27.5° | 220.9  | 234.0  | 255.7  | 293.8  | 341.7  | 485.4  | 1283.0 | 3241.8 | 5595.7  | 6515.3  | 6878.7  |
| 30°   | 193.7  | 206.8  | 228.5  | 259.0  | 302.5  | 392.9  | 977.2  | 3299.5 | 6140.9  | 7014.8  | 7294.4  |
| 32.5° | 170.9  | 181.7  | 202.4  | 229.6  | 265.5  | 333.0  | 770.5  | 3239.7 | 6557.7  | 7468.6  | 7655.7  |
| 35°   | 148.0  | 161.1  | 178.5  | 203.5  | 235.1  | 284.0  | 641.0  | 3032.9 | 6915.7  | 7935.4  | 8002.9  |
| 37.5° | 124.1  | 139.3  | 157.8  | 180.6  | 205.7  | 261.2  | 514.7  | 2804.4 | 7298.8  | 8517.6  | 8406.6  |
| 40°   | 104.5  | 118.6  | 136.0  | 161.1  | 183.9  | 239.4  | 396.1  | 2560.6 | 7712.3  | 9063.9  | 8847.3  |
| 42.5° | 84.9   | 100.1  | 120.8  | 143.6  | 181.7  | 208.9  | 306.9  | 2308.1 | 8083.4  | 9539.5  | 9245.6  |
| 45°   | 67.5   | 80.5   | 102.3  | 131.7  | 180.6  | 179.6  | 237.2  | 2058.9 | 8363.1  | 9879.0  | 9542.7  |
| 47.5° | 53.3   | 64.2   | 86.0   | 128.4  | 166.5  | 152.4  | 190.4  | 1904.4 | 8656.9  | 10184.8 | 9770.2  |
| 50°   | 42.4   | 53.3   | 74.0   | 133.9  | 145.8  | 130.6  | 160.0  | 1929.4 | 8940.9  | 10340.4 | 9863.8  |
| 52.5° | 35.9   | 46.8   | 64.2   | 105.6  | 112.1  | 114.3  | 140.4  | 2044.8 | 9307.7  | 10506.9 | 10049.8 |
| 55°   | 31.6   | 41.4   | 54.4   | 74.0   | 87.1   | 102.3  | 128.4  | 2128.6 | 9798.5  | 10863.8 | 10460.1 |
| 57.5° | 25.0   | 35.9   | 49.0   | 63.1   | 71.8   | 89.2   | 118.6  | 2135.1 | 10242.5 | 11322.0 | 11005.3 |
| 59°   | 22.9   | 32.6   | 45.7   | 59.9   | 64.2   | 80.5   | 112.1  | 2079.6 | 10258.8 | 11390.5 | 11255.6 |
| 60°   | 20.7   | 31.6   | 43.5   | 55.5   | 60.9   | 76.2   | 106.6  | 2015.4 | 10110.8 | 11281.7 | 11359.0 |
| 62.5° | 17.4   | 27.2   | 38.1   | 44.6   | 52.2   | 63.1   | 92.5   | 1782.5 | 9393.6  | 10788.8 | 11167.5 |
| 65°   | 15.2   | 23.9   | 32.6   | 37.0   | 43.5   | 54.4   | 81.6   | 1426.7 | 8601.4  | 10120.6 | 10619.0 |
| 67.5° | 14.1   | 21.8   | 28.3   | 31.6   | 38.1   | 50.1   | 72.9   | 1007.7 | 7575.2  | 9272.8  | 9795.2  |
| 70°   | 13.1   | 20.7   | 25.0   | 29.4   | 33.7   | 42.4   | 62.0   | 587.6  | 5835.1  | 7786.3  | 8338.1  |
| 72.5° | 13.1   | 19.6   | 21.8   | 25.0   | 29.4   | 38.1   | 57.7   | 317.8  | 3989.5  | 5939.6  | 6652.4  |
| 75°   | 13.1   | 18.5   | 19.6   | 21.8   | 26.1   | 34.8   | 51.1   | 166.5  | 2579.1  | 4126.6  | 5092.9  |
| 77.5° | 13.1   | 17.4   | 19.6   | 20.7   | 25.0   | 30.5   | 44.6   | 104.5  | 1718.3  | 2890.4  | 3442.1  |
| 80°   | 14.1   | 17.4   | 18.5   | 20.7   | 23.9   | 28.3   | 37.0   | 69.6   | 1009.9  | 1739.0  | 2094.9  |
| 82.5° | 15.2   | 17.4   | 19.6   | 21.8   | 25.0   | 27.2   | 32.6   | 43.5   | 465.8   | 1150.3  | 1301.5  |
| 85°   | 16.3   | 18.5   | 20.7   | 22.9   | 26.1   | 27.2   | 30.5   | 31.6   | 76.2    | 519.1   | 701.9   |
| 87.5° | 17.4   | 19.6   | 21.8   | 23.9   | 28.3   | 28.3   | 28.3   | 28.3   | 26.1    | 55.5    | 141.5   |
| 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: P454815

CATALOG NUMBER: GLAN-SA6A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 4731.6  | 4731.6  | 4731.6  | 4731.6  | 4731.6  | 4731.6  | 4731.6  | 4731.6  | 4731.6  | 4731.6  |
| 2.5°  | 5338.9  | 5461.8  | 5547.8  | 5569.6  | 5507.6  | 5479.3  | 5400.9  | 5279.0  | 5205.0  | 5201.8  |
| 5°    | 5626.2  | 5914.6  | 6114.8  | 6148.5  | 6028.8  | 5826.4  | 5585.9  | 5275.8  | 5094.0  | 5039.6  |
| 7.5°  | 5577.2  | 6082.1  | 6404.3  | 6451.1  | 6249.7  | 5863.4  | 5397.6  | 4898.1  | 4700.1  | 4616.3  |
| 10°   | 5375.9  | 5991.8  | 6452.1  | 6526.1  | 6257.3  | 5713.2  | 5121.2  | 4564.1  | 4318.1  | 4253.9  |
| 12.5° | 5203.9  | 5826.4  | 6235.6  | 6337.9  | 6134.4  | 5591.3  | 4955.8  | 4349.7  | 4086.3  | 4026.5  |
| 15°   | 5128.8  | 5630.5  | 5880.8  | 5933.1  | 5899.3  | 5515.2  | 4938.4  | 4317.0  | 4015.6  | 3950.3  |
| 17.5° | 5203.9  | 5464.0  | 5495.6  | 5548.9  | 5624.0  | 5507.6  | 5106.0  | 4494.4  | 4169.0  | 4088.5  |
| 20°   | 5400.9  | 5319.3  | 5188.7  | 5211.6  | 5383.5  | 5539.1  | 5404.2  | 4887.3  | 4491.1  | 4405.2  |
| 22.5° | 5736.1  | 5283.4  | 4987.4  | 4967.8  | 5185.4  | 5644.7  | 5841.6  | 5419.4  | 4960.2  | 4875.3  |
| 25°   | 6147.4  | 5373.7  | 4913.4  | 4870.9  | 5108.2  | 5799.2  | 6317.2  | 6071.3  | 5569.6  | 5440.1  |
| 27.5° | 6595.8  | 5560.9  | 4913.4  | 4872.0  | 5101.6  | 5936.3  | 6724.2  | 6648.0  | 6200.8  | 6059.3  |
| 30°   | 6841.7  | 5715.4  | 4984.1  | 4937.3  | 5182.2  | 6015.8  | 6941.8  | 7160.6  | 6675.2  | 6500.0  |
| 32.5° | 7061.6  | 5929.8  | 5122.3  | 5034.2  | 5350.8  | 6133.3  | 7136.6  | 7595.9  | 7052.8  | 6935.3  |
| 35°   | 7264.0  | 6159.4  | 5312.8  | 5210.5  | 5572.8  | 6294.3  | 7352.1  | 8052.9  | 7578.5  | 7401.1  |
| 37.5° | 7487.1  | 6426.0  | 5609.8  | 5522.8  | 5943.9  | 6607.8  | 7607.8  | 8653.6  | 8095.4  | 7872.3  |
| 40°   | 7729.7  | 6735.1  | 6098.5  | 6061.5  | 6533.8  | 6962.5  | 7931.1  | 9294.6  | 8685.2  | 8431.6  |
| 42.5° | 7976.8  | 7090.9  | 6697.0  | 6757.9  | 7201.9  | 7459.8  | 8263.0  | 9787.6  | 9168.4  | 8888.7  |
| 45°   | 8200.9  | 7545.8  | 7475.1  | 7776.5  | 7981.1  | 7945.2  | 8508.9  | 10134.7 | 9589.5  | 9321.8  |
| 47.5° | 8483.9  | 8208.6  | 8416.4  | 8881.1  | 8886.5  | 8473.0  | 8695.0  | 10418.8 | 9951.9  | 9684.2  |
| 50°   | 8800.6  | 8991.0  | 9632.0  | 10105.3 | 9978.0  | 8992.1  | 8912.6  | 10755.0 | 10326.3 | 10111.9 |
| 52.5° | 9167.3  | 9867.0  | 10755.0 | 11280.6 | 10983.5 | 9558.0  | 9275.0  | 11118.5 | 10920.4 | 10714.8 |
| 55°   | 9593.9  | 10464.5 | 11874.8 | 12293.8 | 11994.5 | 10261.0 | 9825.7  | 11611.5 | 11591.9 | 11451.5 |
| 57.5° | 10076.0 | 11095.6 | 12523.4 | 13090.4 | 12823.8 | 11085.8 | 10595.0 | 12076.1 | 12002.1 | 11923.8 |
| 59°   | 10456.8 | 11419.9 | 12809.6 | 13397.3 | 13236.2 | 11663.7 | 11112.0 | 12365.6 | 12096.8 | 11979.3 |
| 60°   | 10687.5 | 11639.8 | 12915.2 | 13438.6 | 13401.6 | 12007.6 | 11439.5 | 12507.1 | 12095.7 | 11932.5 |
| 62.5° | 11372.0 | 12023.9 | 12874.9 | 13254.7 | 13399.4 | 12667.0 | 12400.4 | 12662.7 | 11871.5 | 11632.1 |
| 65°   | 11615.8 | 11896.6 | 12207.8 | 12161.0 | 12285.1 | 12633.3 | 13014.2 | 12491.8 | 11392.7 | 11052.1 |
| 67.5° | 11141.3 | 10500.4 | 10610.3 | 10298.0 | 10237.0 | 11231.7 | 12765.0 | 11656.1 | 10455.8 | 10039.0 |
| 70°   | 9391.5  | 8044.2  | 7988.7  | 8132.4  | 7738.4  | 9093.3  | 11462.4 | 10046.6 | 8909.4  | 8437.1  |
| 72.5° | 7392.4  | 5684.9  | 5217.0  | 5745.9  | 5733.9  | 6937.5  | 9522.0  | 7129.0  | 6019.0  | 5978.8  |
| 75°   | 5813.3  | 3957.9  | 3473.6  | 3559.6  | 3725.0  | 5022.2  | 7583.9  | 4527.1  | 3706.5  | 3377.9  |
| 77.5° | 3902.4  | 2804.4  | 2616.1  | 2510.6  | 2689.0  | 3224.4  | 4798.0  | 2455.1  | 2078.5  | 1968.6  |
| 80°   | 2249.4  | 2037.2  | 2313.6  | 2100.3  | 2196.1  | 2031.7  | 2386.5  | 1126.3  | 934.8   | 1012.1  |
| 82.5° | 1463.7  | 1160.1  | 1236.2  | 918.5   | 1255.8  | 1266.7  | 766.1   | 333.0   | 281.9   | 299.3   |
| 85°   | 915.2   | 544.1   | 305.8   | 217.6   | 433.1   | 796.6   | 239.4   | 20.7    | 23.9    | 20.7    |
| 87.5° | 237.2   | 90.3    | 38.1    | 56.6    | 69.6    | 62.0    | 55.5    | 3.3     | 1.1     | 2.2     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)