

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: P953638

Luminaire Tested: **GLAN-SB7A-850-U-SLL-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P953638  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB7A-850-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 80 CRI, 5000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 23288 lumens  
Efficiency: N/A  
Efficacy: 117.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

Input Watts (W): 199.1  
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



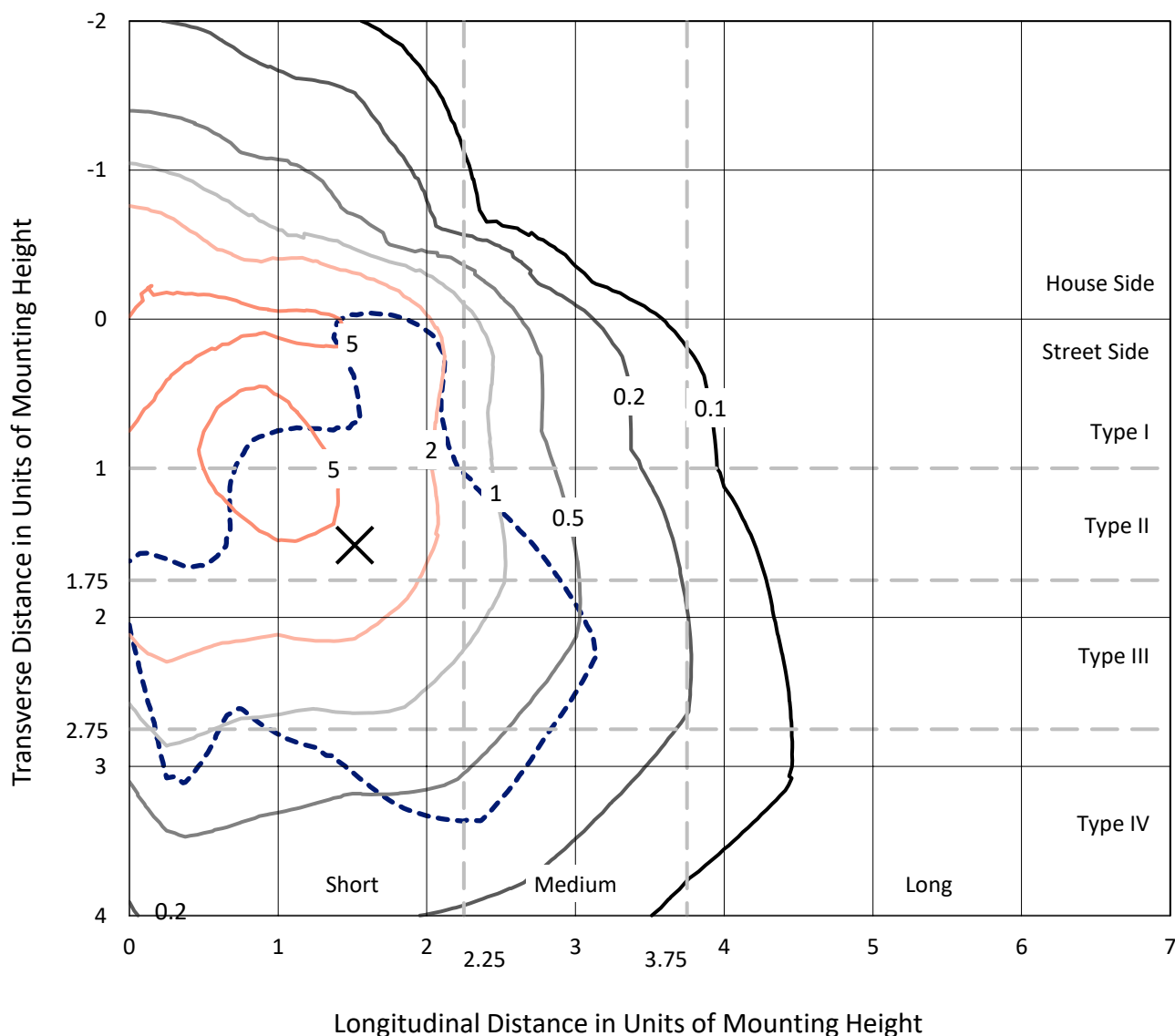
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

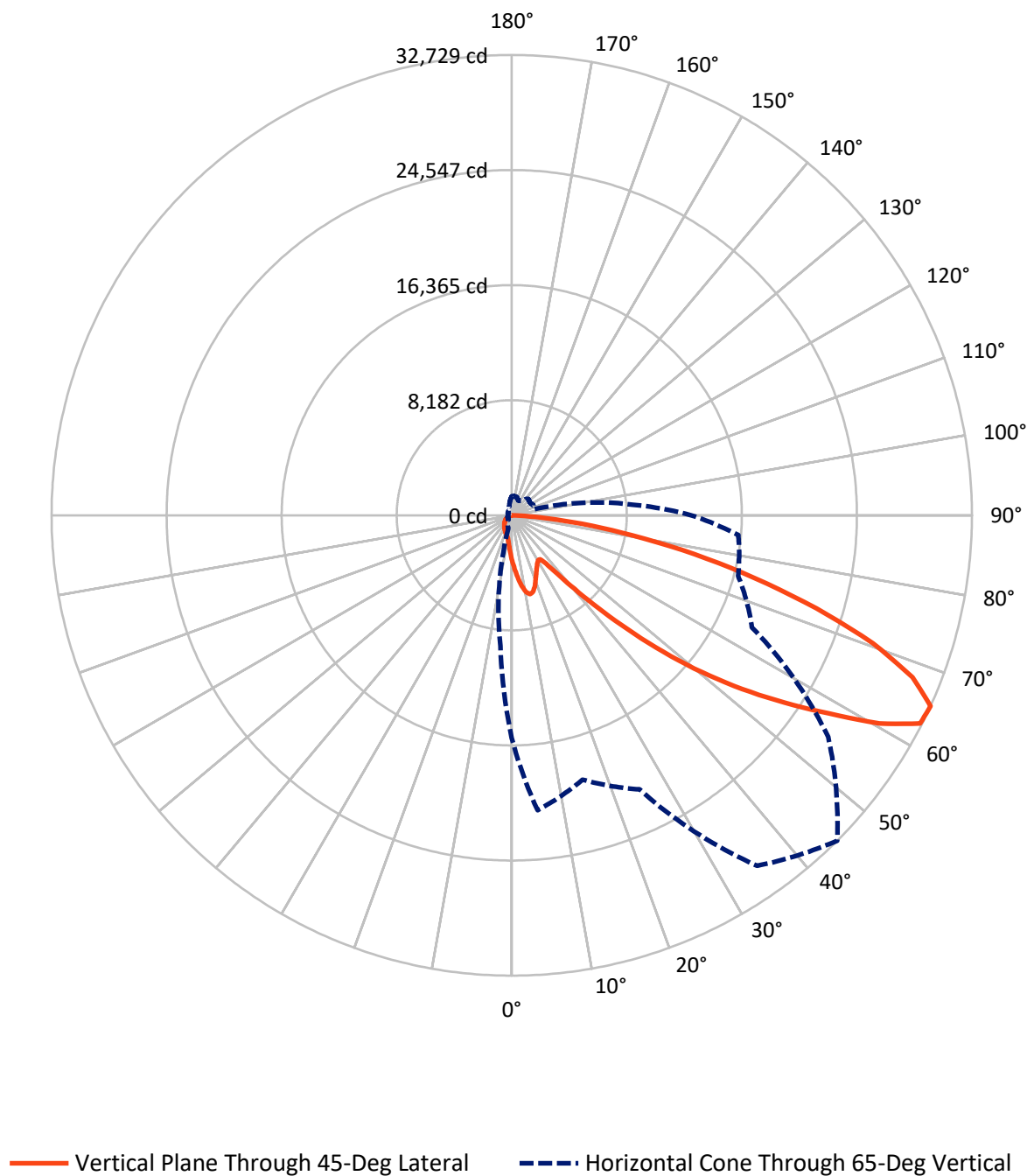


Based on 25 foot mounting height. Maximum calculated value = 8.5 fc

Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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CATALOG NUMBER: GLAN-SB7A-850-U-SLL-HSS

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4628.9   | 0.0    | 4628.9  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 18659.1  | 0.0    | 18659.1 |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 23288.0  | 0.0    | 23288.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 317.5   | 1.4       |
| 10°-20°   | 951.7   | 4.1       |
| 20°-30°   | 1402.1  | 6.0       |
| 30°-40°   | 1801.3  | 7.7       |
| 40°-50°   | 2913.2  | 12.5      |
| 50°-60°   | 5108.5  | 21.9      |
| 60°-70°   | 6392.1  | 27.4      |
| 70°-80°   | 3735.3  | 16.0      |
| 80°-90°   | 666.4   | 2.9       |
| 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°    | 23288.0 | 100.0     |
| 0°-180°   | 23288.0 | 100.0     |

**Coefficient of Utilization**



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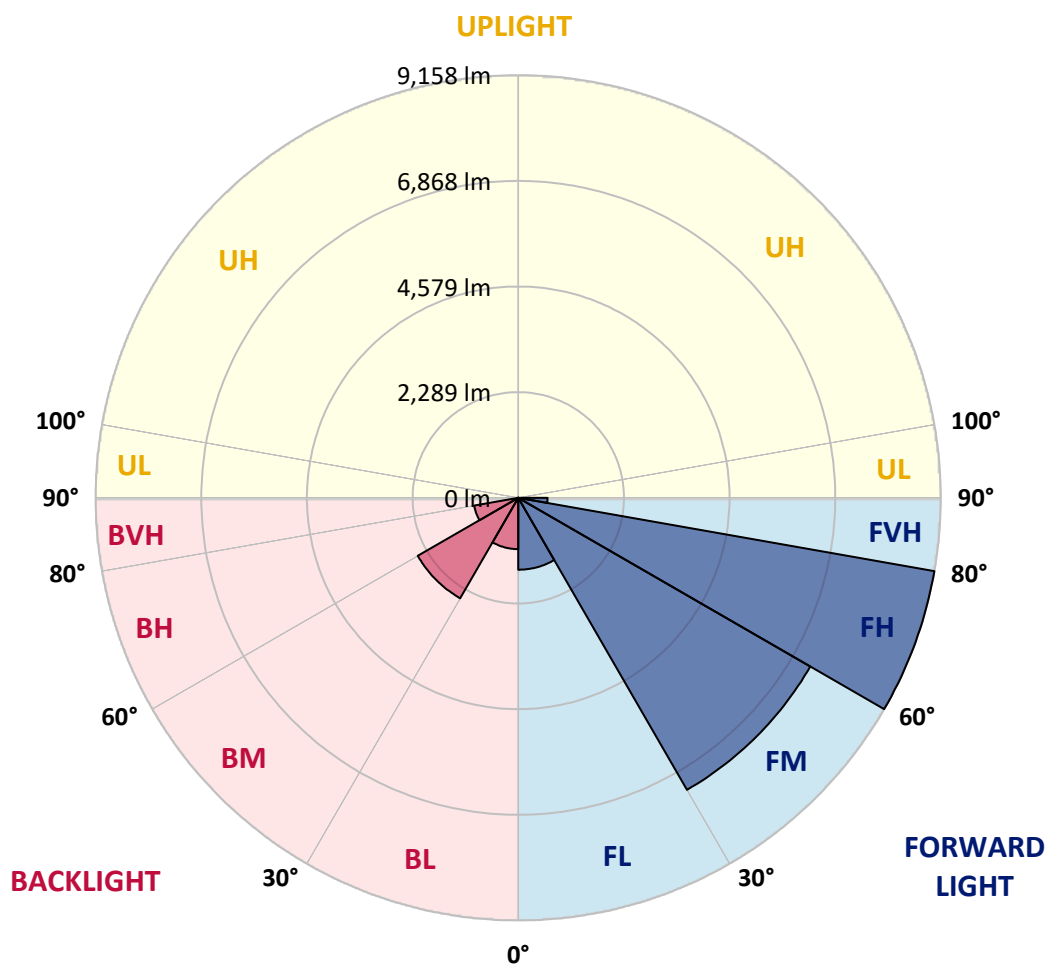
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1558.2 | 6.7       |                         |      |          |
| FM   | (30°-60°)   | 7308.1 | 31.4      |                         |      |          |
| FH   | (60°-80°)   | 9157.6 | 39.3      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 635.2  | 2.7       |                         |      | G4/750   |
| BL   | (0°-30°)    | 1113.0 | 4.8       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2514.9 | 10.8      | B3/5000                 |      |          |
| BH   | (60°-80°)   | 969.8  | 4.2       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 31.2   | 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-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3224.6  | 3224.6  | 3224.6  | 3224.6  | 3224.6  | 3224.6  | 3224.6  | 3224.6  | 3224.6  | 3224.6  |
| 2.5°  | 3612.9  | 3640.2  | 3701.1  | 3733.2  | 3782.9  | 3786.1  | 3786.1  | 3742.8  | 3741.2  | 3653.0  |
| 5°    | 4038.0  | 4102.2  | 4246.6  | 4395.8  | 4427.9  | 4435.9  | 4419.8  | 4333.2  | 4269.0  | 4097.4  |
| 7.5°  | 4460.0  | 4583.5  | 4803.3  | 5002.2  | 5066.4  | 5066.4  | 5027.9  | 4886.7  | 4755.1  | 4506.5  |
| 10°   | 4809.7  | 4965.3  | 5263.7  | 5486.7  | 5560.5  | 5544.5  | 5465.8  | 5287.8  | 5106.5  | 4804.9  |
| 12.5° | 5040.7  | 5215.6  | 5542.9  | 5722.5  | 5797.9  | 5756.2  | 5666.4  | 5493.1  | 5302.2  | 4984.6  |
| 15°   | 5156.2  | 5339.1  | 5623.1  | 5717.7  | 5696.9  | 5653.6  | 5642.3  | 5558.9  | 5414.5  | 5117.7  |
| 17.5° | 5206.0  | 5376.0  | 5573.3  | 5514.0  | 5337.5  | 5303.8  | 5416.1  | 5522.0  | 5486.7  | 5233.2  |
| 20°   | 5252.5  | 5395.3  | 5454.6  | 5191.5  | 4883.5  | 4853.0  | 5068.0  | 5369.6  | 5523.6  | 5340.7  |
| 22.5° | 5316.6  | 5404.9  | 5283.0  | 4851.4  | 4519.3  | 4448.7  | 4686.2  | 5140.2  | 5534.8  | 5477.1  |
| 25°   | 5404.9  | 5429.0  | 5093.7  | 4528.9  | 4195.2  | 4124.7  | 4346.0  | 4885.1  | 5515.6  | 5624.7  |
| 27.5° | 5510.8  | 5461.0  | 4912.4  | 4259.4  | 3937.0  | 3871.2  | 4092.6  | 4639.6  | 5461.0  | 5772.3  |
| 30°   | 5648.7  | 5502.7  | 4732.7  | 4050.9  | 3752.5  | 3704.3  | 3917.7  | 4427.9  | 5393.7  | 5960.0  |
| 32.5° | 5788.3  | 5520.4  | 4565.8  | 3928.9  | 3710.7  | 3728.4  | 3903.3  | 4314.0  | 5319.9  | 6139.7  |
| 35°   | 5939.1  | 5576.5  | 4484.0  | 4049.3  | 4058.9  | 4212.9  | 4285.1  | 4419.8  | 5308.6  | 6383.5  |
| 37.5° | 6144.5  | 5701.7  | 4581.9  | 4647.7  | 4981.4  | 5300.6  | 5241.2  | 4938.0  | 5438.6  | 6747.7  |
| 40°   | 6439.7  | 5921.5  | 5008.6  | 5666.4  | 6351.4  | 6869.6  | 6643.4  | 5879.8  | 5836.4  | 7272.3  |
| 42.5° | 6869.6  | 6271.2  | 5765.9  | 6911.3  | 8072.8  | 8926.3  | 8319.9  | 7094.2  | 6532.7  | 8021.5  |
| 45°   | 7504.9  | 6837.5  | 6681.9  | 8225.2  | 10195.3 | 11539.7 | 10278.7 | 8388.9  | 7508.1  | 9155.7  |
| 47.5° | 8385.7  | 7670.2  | 7540.2  | 9609.8  | 12775.0 | 14514.1 | 12451.0 | 9588.9  | 8618.3  | 10702.3 |
| 50°   | 9555.2  | 8791.6  | 8353.6  | 11124.2 | 15603.4 | 17546.2 | 14621.6 | 10747.2 | 9890.5  | 12592.2 |
| 52.5° | 11098.5 | 10355.8 | 9301.7  | 12566.5 | 18512.0 | 20514.2 | 16801.8 | 11764.3 | 11469.1 | 14785.2 |
| 55°   | 13203.4 | 12709.3 | 10598.0 | 13943.0 | 21419.0 | 23499.8 | 18897.0 | 12723.7 | 13554.7 | 17390.6 |
| 57.5° | 15815.2 | 16168.1 | 12467.0 | 15539.2 | 24032.4 | 26576.8 | 21001.9 | 14064.9 | 16262.8 | 20304.0 |
| 60°   | 17499.7 | 20767.7 | 16046.2 | 17899.2 | 27002.0 | 30056.6 | 23886.4 | 16615.7 | 19108.8 | 21348.4 |
| 62.5° | 17092.2 | 22230.8 | 20332.9 | 20912.0 | 29732.5 | 32586.5 | 26713.2 | 19177.8 | 19644.7 | 19809.9 |
| 65°   | 15842.5 | 21050.0 | 19458.6 | 21497.6 | 30423.9 | 32729.3 | 27468.8 | 18847.3 | 16663.9 | 16172.9 |
| 67.5° | 14122.7 | 19649.5 | 17381.0 | 19944.7 | 29174.2 | 30733.6 | 26061.9 | 16671.9 | 12877.7 | 12136.5 |
| 70°   | 12266.5 | 18099.7 | 16017.3 | 18202.4 | 26791.8 | 27255.5 | 23669.8 | 14663.3 | 9471.8  | 8196.4  |
| 72.5° | 10505.0 | 16485.8 | 15083.6 | 16416.8 | 23613.7 | 22654.3 | 20555.9 | 12887.3 | 6896.9  | 5911.8  |
| 75°   | 8703.3  | 14105.0 | 13753.7 | 14295.9 | 19434.5 | 17844.6 | 17079.4 | 10670.2 | 5412.9  | 4277.1  |
| 77.5° | 6715.6  | 11021.5 | 11830.1 | 11448.3 | 13679.9 | 13254.7 | 13238.7 | 8018.3  | 3954.6  | 2854.0  |
| 80°   | 4596.3  | 7681.4  | 9242.4  | 8076.0  | 8878.2  | 8661.6  | 9970.7  | 5379.2  | 2868.5  | 1718.2  |
| 82.5° | 2701.6  | 4676.5  | 6433.2  | 3909.7  | 4909.2  | 5039.1  | 5937.5  | 2616.6  | 1687.7  | 396.3   |
| 85°   | 1095.7  | 1846.5  | 2515.5  | 1530.5  | 2367.9  | 1997.4  | 2254.0  | 734.8   | 470.1   | 9.6     |
| 87.5° | 275.9   | 590.4   | 413.9   | 171.7   | 274.3   | 251.9   | 198.9   | 89.8    | 19.3    | 0.0     |
| 90°   | 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°   |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3224.6  | 0°    | 3224.6  | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 |
| 3643.4  | 2.5°  | 3580.8  | 3543.9 | 3452.5 | 3361.0 | 3287.2 | 3187.7 | 3122.0 | 3043.4 | 2968.0 | 2900.6 |
| 4060.5  | 5°    | 3959.4  | 3837.5 | 3670.6 | 3518.2 | 3362.6 | 3211.8 | 3062.6 | 2905.4 | 2761.0 | 2672.8 |
| 4413.4  | 7.5°  | 4267.4  | 4052.5 | 3831.1 | 3636.9 | 3449.2 | 3272.8 | 3075.4 | 2884.5 | 2658.3 | 2538.0 |
| 4683.0  | 10°   | 4496.9  | 4214.5 | 3924.1 | 3701.1 | 3511.8 | 3340.2 | 3173.3 | 2980.8 | 2708.1 | 2557.3 |
| 4846.6  | 12.5° | 4647.7  | 4312.4 | 3972.2 | 3717.2 | 3505.4 | 3372.2 | 3298.4 | 3223.0 | 2951.9 | 2775.4 |
| 4966.9  | 15°   | 4751.9  | 4381.3 | 4005.9 | 3680.3 | 3420.4 | 3322.5 | 3396.3 | 3482.9 | 3309.7 | 3105.9 |
| 5092.0  | 17.5° | 4865.8  | 4471.2 | 4020.4 | 3580.8 | 3255.1 | 3213.4 | 3404.3 | 3604.9 | 3596.8 | 3394.7 |
| 5210.8  | 20°   | 4986.2  | 4549.8 | 4010.7 | 3420.4 | 3054.6 | 3091.5 | 3335.3 | 3568.0 | 3665.8 | 3556.7 |
| 5347.1  | 22.5° | 5109.7  | 4625.2 | 3973.9 | 3211.8 | 2866.9 | 2982.4 | 3226.2 | 3430.0 | 3545.5 | 3511.8 |
| 5514.0  | 25°   | 5265.3  | 4731.1 | 3919.3 | 2987.2 | 2711.3 | 2871.7 | 3099.5 | 3264.8 | 3345.0 | 3343.4 |
| 5693.7  | 27.5° | 5451.4  | 4872.3 | 3890.4 | 2805.9 | 2600.6 | 2746.6 | 2948.7 | 3096.3 | 3152.4 | 3152.4 |
| 5916.7  | 30°   | 5668.0  | 5039.1 | 3858.3 | 2687.2 | 2536.4 | 2616.6 | 2773.8 | 2918.2 | 2974.4 | 2974.4 |
| 6160.5  | 32.5° | 5908.6  | 5199.5 | 3781.3 | 2615.0 | 2488.3 | 2489.9 | 2589.3 | 2720.9 | 2788.3 | 2797.9 |
| 6465.3  | 35°   | 6197.4  | 5371.2 | 3612.9 | 2557.3 | 2432.1 | 2366.3 | 2414.5 | 2523.6 | 2603.8 | 2624.6 |
| 6900.1  | 37.5° | 6576.0  | 5581.4 | 3372.2 | 2472.2 | 2345.5 | 2236.4 | 2247.6 | 2331.0 | 2419.3 | 2451.4 |
| 7500.1  | 40°   | 7084.6  | 5828.4 | 3122.0 | 2350.3 | 2223.6 | 2093.6 | 2088.8 | 2149.8 | 2236.4 | 2271.7 |
| 8311.9  | 42.5° | 7756.8  | 6125.2 | 2882.9 | 2233.2 | 2076.0 | 1942.8 | 1934.8 | 1982.9 | 2058.3 | 2095.2 |
| 9383.6  | 45°   | 8616.7  | 6489.4 | 2677.6 | 2141.7 | 1931.6 | 1800.0 | 1796.8 | 1836.9 | 1902.7 | 1941.2 |
| 10755.2 | 47.5° | 9811.9  | 6853.6 | 2538.0 | 2093.6 | 1817.7 | 1682.9 | 1689.3 | 1724.6 | 1784.0 | 1811.3 |
| 12531.2 | 50°   | 11369.7 | 6964.3 | 2467.4 | 2093.6 | 1756.7 | 1578.6 | 1610.7 | 1639.6 | 1684.5 | 1700.6 |
| 14660.1 | 52.5° | 12864.9 | 6598.5 | 2403.2 | 2106.4 | 1764.7 | 1490.4 | 1559.4 | 1580.2 | 1618.7 | 1625.2 |
| 16633.4 | 55°   | 13598.0 | 5672.8 | 2315.0 | 2109.7 | 1814.5 | 1415.0 | 1517.7 | 1556.2 | 1570.6 | 1569.0 |
| 17778.9 | 57.5° | 13346.2 | 4586.7 | 2165.8 | 2096.8 | 1848.2 | 1366.9 | 1466.3 | 1540.1 | 1549.8 | 1535.3 |
| 17560.7 | 60°   | 12462.2 | 3377.1 | 2051.9 | 2002.2 | 1835.3 | 1352.4 | 1387.7 | 1504.8 | 1519.3 | 1500.0 |
| 15879.4 | 62.5° | 10979.8 | 2343.9 | 1963.7 | 1793.6 | 1779.2 | 1347.6 | 1264.2 | 1427.8 | 1463.1 | 1435.8 |
| 12763.8 | 65°   | 8644.0  | 1655.6 | 1690.9 | 1572.2 | 1657.2 | 1321.9 | 1135.8 | 1334.8 | 1382.9 | 1341.2 |
| 9260.0  | 67.5° | 5849.3  | 1195.2 | 1370.1 | 1424.6 | 1459.9 | 1264.2 | 1042.8 | 1228.9 | 1293.1 | 1238.5 |
| 5942.3  | 70°   | 3158.9  | 839.0  | 904.8  | 1200.0 | 1240.1 | 1164.7 | 959.4  | 1121.4 | 1195.2 | 1135.8 |
| 4224.1  | 72.5° | 1865.8  | 603.2  | 633.7  | 964.2  | 1033.2 | 1025.1 | 866.3  | 996.3  | 1086.1 | 1015.5 |
| 2915.0  | 75°   | 1028.4  | 407.5  | 452.4  | 699.5  | 839.0  | 790.9  | 744.4  | 843.9  | 935.3  | 866.3  |
| 1827.3  | 77.5° | 460.4   | 243.9  | 314.4  | 458.8  | 659.4  | 542.3  | 575.9  | 657.8  | 742.8  | 670.6  |
| 1017.1  | 80°   | 178.1   | 136.4  | 208.6  | 250.3  | 479.7  | 300.0  | 370.6  | 484.5  | 545.5  | 487.7  |
| 221.4   | 82.5° | 22.5    | 61.0   | 89.8   | 97.9   | 279.1  | 158.8  | 215.0  | 304.8  | 300.0  | 259.9  |
| 0.0     | 85°   | 0.0     | 11.2   | 12.8   | 6.4    | 120.3  | 57.8   | 70.6   | 99.5   | 93.0   | 70.6   |
| 0.0     | 87.5° | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.2    | 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    |

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**CANDELA DISTRIBUTION (continued):**

| 185°   |       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3224.6 | 0°    | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 |
| 2887.7 | 2.5°  | 2809.1 | 2751.4 | 2722.5 | 2698.4 | 2720.9 | 2733.7 | 2733.7 | 2788.3 | 2820.4 | 2833.2 |
| 2616.6 | 5°    | 2475.4 | 2367.9 | 2295.8 | 2252.4 | 2266.9 | 2282.9 | 2300.6 | 2369.6 | 2416.1 | 2446.6 |
| 2428.9 | 7.5°  | 2212.3 | 2048.7 | 1947.6 | 1894.7 | 1902.7 | 1913.9 | 1928.4 | 1995.7 | 2042.3 | 2082.4 |
| 2393.6 | 10°   | 2082.4 | 1851.4 | 1718.2 | 1654.0 | 1642.8 | 1636.4 | 1631.6 | 1671.7 | 1707.0 | 1739.1 |
| 2538.0 | 12.5° | 2088.8 | 1766.3 | 1604.3 | 1525.7 | 1492.0 | 1453.5 | 1423.0 | 1429.4 | 1451.9 | 1492.0 |
| 2796.3 | 15°   | 2170.6 | 1739.1 | 1544.9 | 1447.1 | 1390.9 | 1346.0 | 1309.1 | 1301.1 | 1309.1 | 1315.5 |
| 3091.5 | 17.5° | 2281.3 | 1735.9 | 1493.6 | 1371.7 | 1313.9 | 1277.0 | 1243.3 | 1232.1 | 1233.7 | 1241.7 |
| 3287.2 | 20°   | 2369.6 | 1726.2 | 1435.8 | 1299.5 | 1248.1 | 1216.1 | 1182.4 | 1171.1 | 1174.3 | 1176.0 |
| 3306.5 | 22.5° | 2416.1 | 1711.8 | 1371.7 | 1227.3 | 1184.0 | 1151.9 | 1121.4 | 1119.8 | 1119.8 | 1129.4 |
| 3202.2 | 25°   | 2416.1 | 1681.3 | 1313.9 | 1158.3 | 1119.8 | 1090.9 | 1054.0 | 1060.4 | 1063.7 | 1076.5 |
| 3040.1 | 27.5° | 2358.3 | 1623.6 | 1267.4 | 1098.9 | 1058.8 | 1030.0 | 996.3  | 1004.3 | 1009.1 | 1023.5 |
| 2879.7 | 30°   | 2284.5 | 1554.6 | 1214.5 | 1042.8 | 996.3  | 975.4  | 946.5  | 949.7  | 956.2  | 972.2  |
| 2730.5 | 32.5° | 2205.9 | 1472.7 | 1171.1 | 986.6  | 940.1  | 924.1  | 892.0  | 896.8  | 903.2  | 920.9  |
| 2582.9 | 35°   | 2119.3 | 1376.5 | 1119.8 | 935.3  | 888.8  | 875.9  | 839.0  | 842.3  | 851.9  | 871.1  |
| 2424.1 | 37.5° | 2027.8 | 1297.9 | 1068.5 | 885.6  | 837.4  | 824.6  | 786.1  | 789.3  | 800.5  | 823.0  |
| 2257.2 | 40°   | 1938.0 | 1220.9 | 1013.9 | 832.6  | 784.5  | 773.3  | 731.6  | 734.8  | 747.6  | 771.7  |
| 2088.8 | 42.5° | 1840.1 | 1161.5 | 943.3  | 778.1  | 726.7  | 715.5  | 677.0  | 681.8  | 696.3  | 720.3  |
| 1933.2 | 45°   | 1723.0 | 1123.0 | 864.7  | 726.7  | 669.0  | 657.8  | 622.5  | 632.1  | 648.1  | 672.2  |
| 1800.0 | 47.5° | 1602.7 | 1107.0 | 798.9  | 672.2  | 609.6  | 600.0  | 571.1  | 587.2  | 604.8  | 624.1  |
| 1686.1 | 50°   | 1487.2 | 1086.1 | 731.6  | 620.9  | 558.3  | 548.7  | 529.4  | 550.3  | 567.9  | 585.6  |
| 1604.3 | 52.5° | 1355.6 | 1041.2 | 670.6  | 575.9  | 515.0  | 511.8  | 502.1  | 521.4  | 537.4  | 553.5  |
| 1533.7 | 55°   | 1219.3 | 969.0  | 617.7  | 535.8  | 478.1  | 481.3  | 476.5  | 492.5  | 505.4  | 519.8  |
| 1469.5 | 57.5° | 1100.5 | 877.6  | 575.9  | 492.5  | 446.0  | 455.6  | 449.2  | 457.2  | 465.2  | 482.9  |
| 1392.5 | 60°   | 980.2  | 768.5  | 529.4  | 441.2  | 413.9  | 425.1  | 407.5  | 405.9  | 409.1  | 413.9  |
| 1278.6 | 62.5° | 818.2  | 654.6  | 471.7  | 396.3  | 378.6  | 383.4  | 349.7  | 324.1  | 324.1  | 328.9  |
| 1119.8 | 65°   | 657.8  | 548.7  | 407.5  | 344.9  | 330.5  | 327.3  | 279.1  | 243.9  | 240.6  | 255.1  |
| 935.3  | 67.5° | 540.6  | 455.6  | 343.3  | 287.2  | 277.5  | 280.8  | 245.5  | 210.2  | 207.0  | 223.0  |
| 762.0  | 70°   | 447.6  | 367.4  | 274.3  | 221.4  | 231.0  | 245.5  | 210.2  | 176.5  | 171.7  | 186.1  |
| 619.3  | 72.5° | 356.2  | 287.2  | 210.2  | 163.6  | 190.9  | 208.6  | 171.7  | 139.6  | 136.4  | 149.2  |
| 478.1  | 75°   | 261.5  | 205.4  | 142.8  | 118.7  | 147.6  | 163.6  | 125.1  | 99.5   | 94.7   | 105.9  |
| 319.3  | 77.5° | 162.0  | 115.5  | 89.8   | 70.6   | 101.1  | 109.1  | 65.8   | 57.8   | 56.2   | 64.2   |
| 194.1  | 80°   | 75.4   | 49.7   | 43.3   | 24.1   | 36.9   | 43.3   | 27.3   | 30.5   | 32.1   | 38.5   |
| 97.9   | 82.5° | 20.9   | 8.0    | 1.6    | 0.0    | 0.0    | 12.8   | 6.4    | 12.8   | 16.0   | 24.1   |
| 8.0    | 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.2    | 8.0    | 14.4   |
| 0.0    | 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 6.4    |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P953638

CATALOG NUMBER: GLAN-SB7A-850-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

| 285°   |       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 3224.6 | 0°    | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6 | 3224.6  | 3224.6  |
| 2923.0 | 2.5°  | 2990.4 | 3054.6 | 3157.3 | 3263.1 | 3367.4 | 3473.3 | 3576.0  | 3612.9  |
| 2586.1 | 5°    | 2712.9 | 2860.5 | 3064.2 | 3282.4 | 3507.0 | 3734.8 | 3943.4  | 4038.0  |
| 2238.0 | 7.5°  | 2403.2 | 2615.0 | 2921.4 | 3263.1 | 3620.9 | 3978.7 | 4307.5  | 4460.0  |
| 1893.1 | 10°   | 2072.8 | 2340.7 | 2690.4 | 3152.4 | 3665.8 | 4159.9 | 4612.4  | 4809.7  |
| 1589.9 | 12.5° | 1758.3 | 2039.1 | 2425.7 | 2979.2 | 3630.5 | 4264.2 | 4808.1  | 5040.7  |
| 1376.5 | 15°   | 1495.2 | 1743.9 | 2161.0 | 2773.8 | 3516.6 | 4270.6 | 4901.1  | 5156.2  |
| 1257.8 | 17.5° | 1297.9 | 1459.9 | 1891.5 | 2546.0 | 3367.4 | 4211.3 | 4933.2  | 5206.0  |
| 1193.6 | 20°   | 1200.0 | 1244.9 | 1541.7 | 2254.0 | 3227.9 | 4155.1 | 4965.3  | 5252.5  |
| 1142.3 | 22.5° | 1142.3 | 1153.5 | 1261.0 | 1877.0 | 3061.0 | 4137.5 | 5021.5  | 5316.6  |
| 1095.7 | 25°   | 1095.7 | 1098.9 | 1127.8 | 1487.2 | 2805.9 | 4126.3 | 5108.1  | 5404.9  |
| 1047.6 | 27.5° | 1049.2 | 1049.2 | 1065.3 | 1198.4 | 2459.4 | 4078.1 | 5220.4  | 5510.8  |
| 999.5  | 30°   | 1002.7 | 1002.7 | 1013.9 | 1060.4 | 2053.5 | 3983.5 | 5355.2  | 5648.7  |
| 951.3  | 32.5° | 954.6  | 954.6  | 964.2  | 997.9  | 1639.6 | 3864.8 | 5478.7  | 5788.3  |
| 901.6  | 35°   | 906.4  | 903.2  | 916.1  | 951.3  | 1304.3 | 3714.0 | 5602.2  | 5939.1  |
| 851.9  | 37.5° | 855.1  | 853.5  | 866.3  | 906.4  | 1126.2 | 3539.1 | 5695.3  | 6144.5  |
| 802.1  | 40°   | 800.5  | 800.5  | 815.0  | 858.3  | 1074.9 | 3319.3 | 5842.9  | 6439.7  |
| 750.8  | 42.5° | 750.8  | 747.6  | 763.6  | 816.6  | 1036.4 | 3109.1 | 6107.6  | 6869.6  |
| 704.3  | 45°   | 702.7  | 696.3  | 710.7  | 776.5  | 969.0  | 3035.3 | 6601.7  | 7504.9  |
| 659.4  | 47.5° | 657.8  | 641.7  | 654.6  | 728.4  | 908.0  | 3311.3 | 7410.3  | 8385.7  |
| 619.3  | 50°   | 620.9  | 590.4  | 601.6  | 680.2  | 861.5  | 3909.7 | 8459.5  | 9555.2  |
| 582.4  | 52.5° | 582.4  | 542.3  | 548.7  | 620.9  | 819.8  | 4479.2 | 9596.9  | 11098.5 |
| 545.5  | 55°   | 542.3  | 497.3  | 500.5  | 561.5  | 760.4  | 4564.2 | 10707.1 | 13203.4 |
| 503.8  | 57.5° | 497.3  | 455.6  | 455.6  | 507.0  | 717.1  | 3956.2 | 11560.6 | 15815.2 |
| 452.4  | 60°   | 447.6  | 420.3  | 412.3  | 463.6  | 755.6  | 2791.5 | 11660.1 | 17499.7 |
| 386.6  | 62.5° | 393.1  | 378.6  | 367.4  | 421.9  | 784.5  | 1654.0 | 10859.5 | 17092.2 |
| 304.8  | 65°   | 330.5  | 327.3  | 319.3  | 463.6  | 661.0  | 977.0  | 9322.6  | 15842.5 |
| 259.9  | 67.5° | 277.5  | 272.7  | 272.7  | 486.1  | 502.1  | 614.4  | 7283.5  | 14122.7 |
| 221.4  | 70°   | 239.0  | 221.4  | 221.4  | 367.4  | 304.8  | 425.1  | 5085.6  | 12266.5 |
| 182.9  | 72.5° | 200.5  | 181.3  | 168.5  | 293.6  | 227.8  | 311.2  | 3178.1  | 10505.0 |
| 139.6  | 75°   | 160.4  | 146.0  | 129.9  | 194.1  | 170.1  | 235.8  | 1846.5  | 8703.3  |
| 88.2   | 77.5° | 115.5  | 109.1  | 91.4   | 142.8  | 123.5  | 170.1  | 1098.9  | 6715.6  |
| 54.5   | 80°   | 59.4   | 61.0   | 57.8   | 81.8   | 83.4   | 115.5  | 625.7   | 4596.3  |
| 35.3   | 82.5° | 35.3   | 27.3   | 30.5   | 40.1   | 48.1   | 65.8   | 235.8   | 2701.6  |
| 25.7   | 85°   | 22.5   | 14.4   | 14.4   | 19.3   | 24.1   | 25.7   | 72.2    | 1095.7  |
| 12.8   | 87.5° | 11.2   | 4.8    | 6.4    | 9.6    | 8.0    | 6.4    | 3.2     | 275.9   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

(END OF REPORT)