

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: P950362

Luminaire Tested: **GLAN-SB4D-830-U-SLL-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P950362  
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-SB4D-830-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 80 CRI, 3000K, 900mA 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: 27968 lumens  
Efficiency: N/A  
Efficacy: 95.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5

Input Watts (W): 293.6  
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



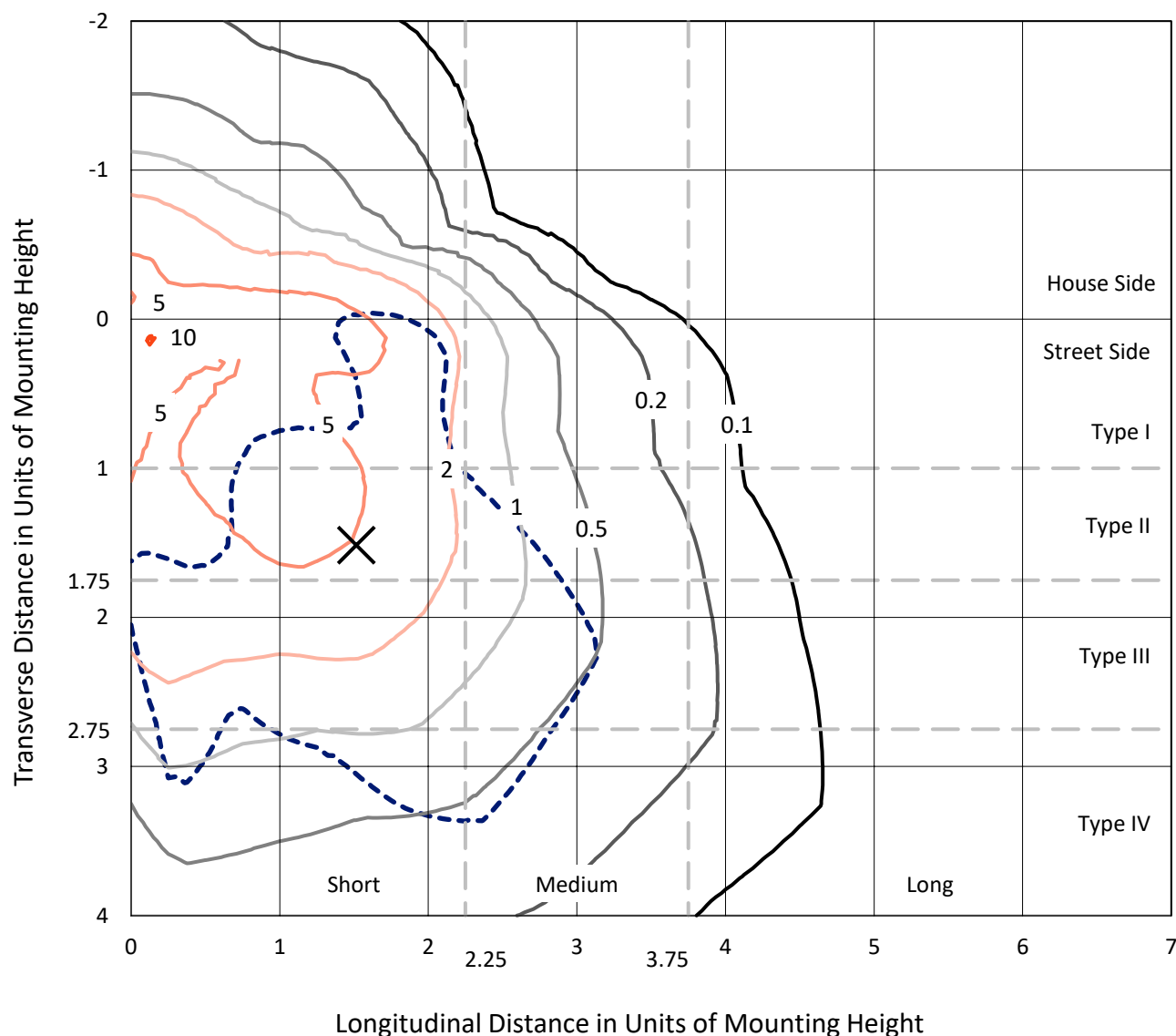
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

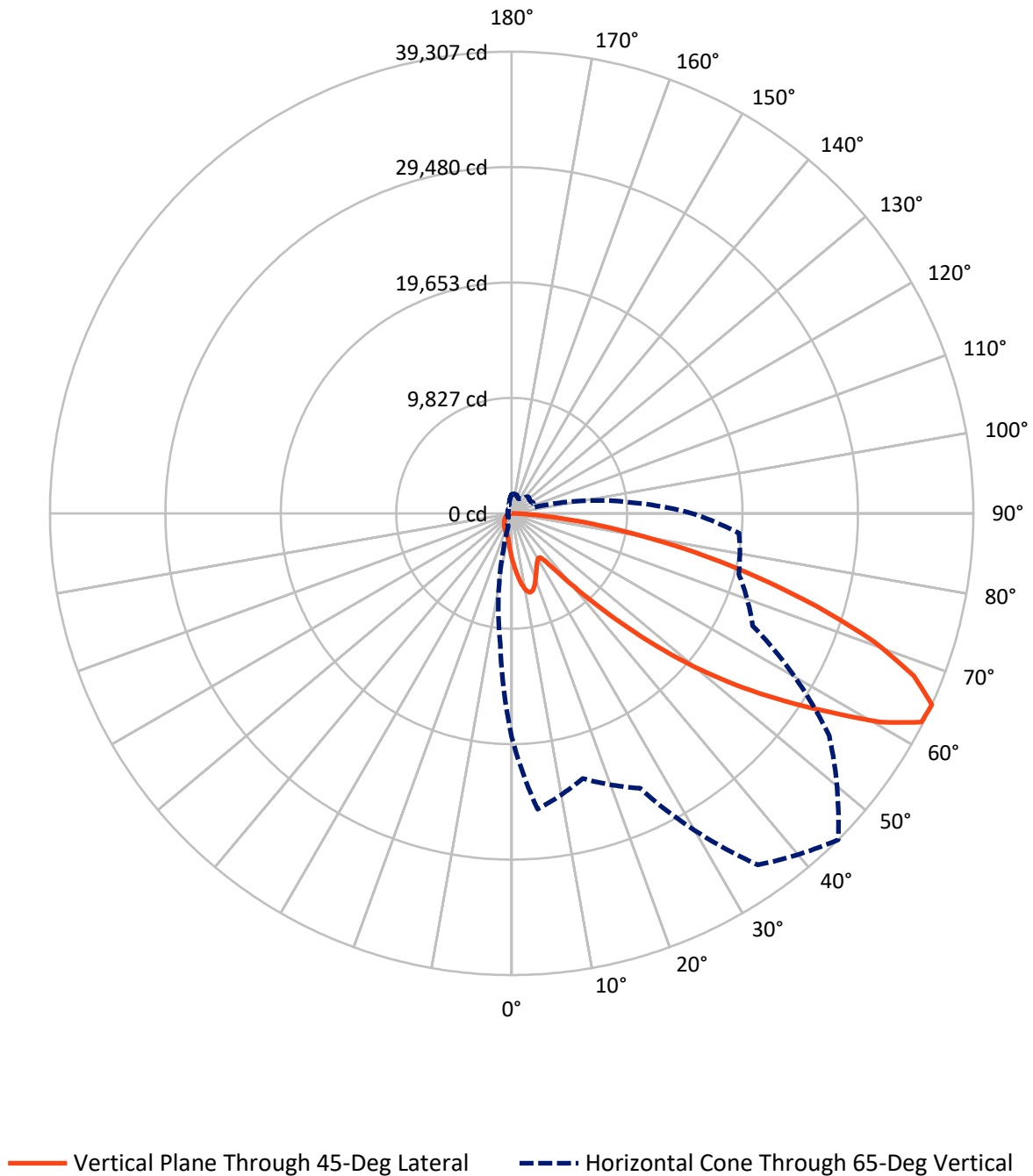


Based on 25 foot mounting height. Maximum calculated value = 10.2 fc

Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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CATALOG NUMBER: GLAN-SB4D-830-U-SLL-HSS

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5559.2   | 0.0    | 5559.2  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 22408.8  | 0.0    | 22408.8 |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 27968.0  | 0.0    | 27968.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 381.3   | 1.4       |
| 10°-20°   | 1143.0  | 4.1       |
| 20°-30°   | 1683.8  | 6.0       |
| 30°-40°   | 2163.2  | 7.7       |
| 40°-50°   | 3498.6  | 12.5      |
| 50°-60°   | 6135.1  | 21.9      |
| 60°-70°   | 7676.7  | 27.4      |
| 70°-80°   | 4485.9  | 16.0      |
| 80°-90°   | 800.4   | 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°    | 27968.0 | 100.0     |
| 0°-180°   | 27968.0 | 100.0     |

**Coefficient of Utilization**



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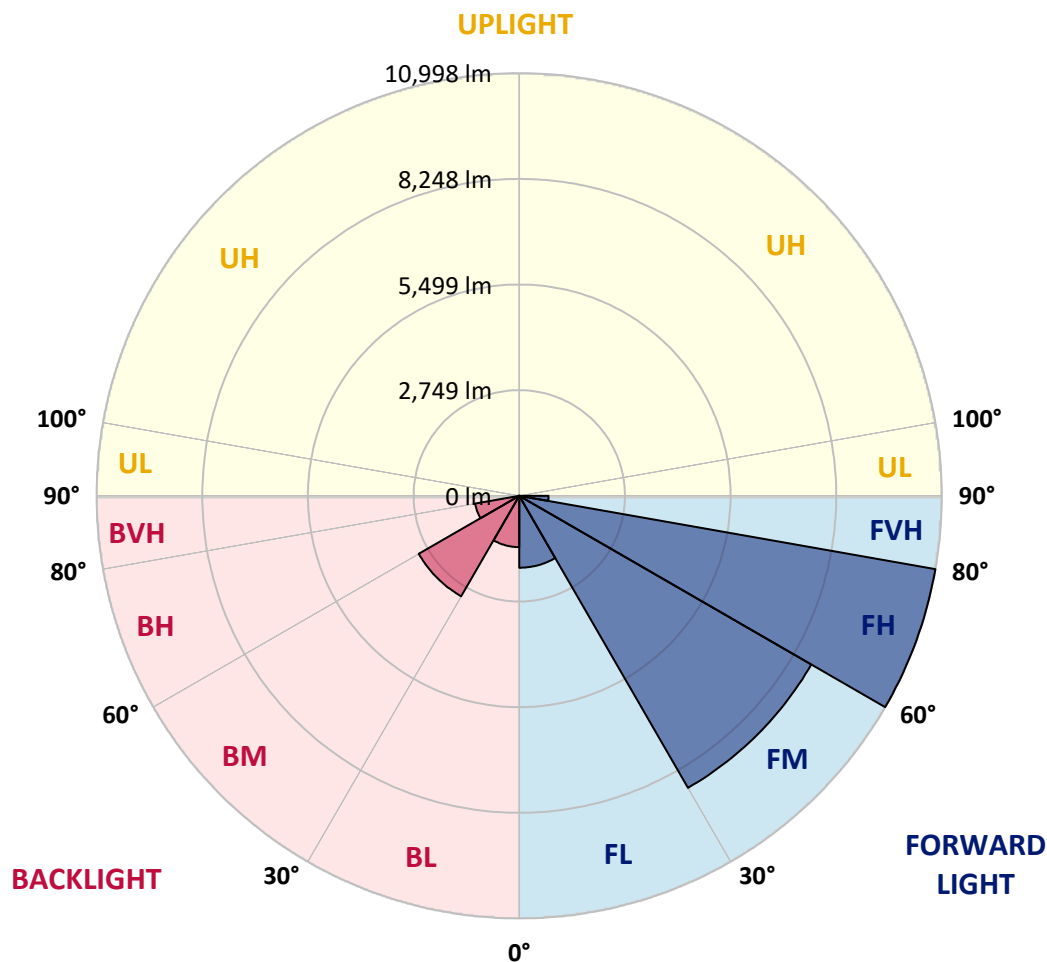
CATALOG NUMBER: GLAN-SB4D-830-U-SLL-HSS

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1871.4  | 6.7       |                         |      |          |
| FM   | (30°-60°)   | 8776.7  | 31.4      |                         |      |          |
| FH   | (60°-80°)   | 10997.9 | 39.3      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 762.9   | 2.7       |                         |      | G5       |
| BL   | (0°-30°)    | 1336.7  | 4.8       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 3020.3  | 10.8      | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1164.8  | 4.2       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 37.5    | 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°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3872.7  | 3872.7  | 3872.7  | 3872.7  | 3872.7  | 3872.7  | 3872.7  | 3872.7  | 3872.7  | 3872.7  |
| 2.5°  | 4338.9  | 4371.7  | 4444.9  | 4483.4  | 4543.2  | 4547.0  | 4547.0  | 4495.0  | 4493.1  | 4387.1  |
| 5°    | 4849.5  | 4926.6  | 5100.0  | 5279.2  | 5317.7  | 5327.3  | 5308.1  | 5204.0  | 5127.0  | 4920.8  |
| 7.5°  | 5356.2  | 5504.6  | 5768.5  | 6007.5  | 6084.5  | 6084.5  | 6038.3  | 5868.7  | 5710.7  | 5412.1  |
| 10°   | 5776.3  | 5963.1  | 6321.5  | 6589.3  | 6678.0  | 6658.7  | 6564.3  | 6350.4  | 6132.7  | 5770.5  |
| 12.5° | 6053.7  | 6263.7  | 6656.8  | 6872.5  | 6963.1  | 6913.0  | 6805.1  | 6597.0  | 6367.8  | 5986.3  |
| 15°   | 6192.4  | 6412.1  | 6753.1  | 6866.8  | 6841.7  | 6789.7  | 6776.2  | 6676.0  | 6502.6  | 6146.2  |
| 17.5° | 6252.2  | 6456.4  | 6693.4  | 6622.1  | 6410.1  | 6369.7  | 6504.5  | 6631.7  | 6589.3  | 6284.9  |
| 20°   | 6308.0  | 6479.5  | 6550.8  | 6234.8  | 5864.9  | 5828.3  | 6086.5  | 6448.7  | 6633.6  | 6414.0  |
| 22.5° | 6385.1  | 6491.1  | 6344.6  | 5826.3  | 5427.5  | 5342.7  | 5627.9  | 6173.2  | 6647.1  | 6577.8  |
| 25°   | 6491.1  | 6520.0  | 6117.3  | 5439.1  | 5038.3  | 4953.6  | 5219.4  | 5866.8  | 6624.0  | 6755.0  |
| 27.5° | 6618.2  | 6558.5  | 5899.6  | 5115.4  | 4728.1  | 4649.1  | 4915.0  | 5572.0  | 6558.5  | 6932.3  |
| 30°   | 6783.9  | 6608.6  | 5683.8  | 4864.9  | 4506.6  | 4448.8  | 4705.0  | 5317.7  | 6477.6  | 7157.7  |
| 32.5° | 6951.5  | 6629.8  | 5483.4  | 4718.5  | 4456.5  | 4477.7  | 4687.7  | 5180.9  | 6388.9  | 7373.5  |
| 35°   | 7132.7  | 6697.2  | 5385.1  | 4863.0  | 4874.6  | 5059.5  | 5146.2  | 5308.1  | 6375.5  | 7666.4  |
| 37.5° | 7379.3  | 6847.5  | 5502.7  | 5581.7  | 5982.4  | 6365.8  | 6294.5  | 5930.4  | 6531.5  | 8103.7  |
| 40°   | 7733.8  | 7111.5  | 6015.2  | 6805.1  | 7627.8  | 8250.1  | 7978.5  | 7061.4  | 7009.3  | 8733.7  |
| 42.5° | 8250.1  | 7531.5  | 6924.6  | 8300.2  | 9695.2  | 10720.2 | 9991.9  | 8519.9  | 7845.5  | 9633.5  |
| 45°   | 9013.1  | 8211.6  | 8024.7  | 9878.2  | 12244.2 | 13858.8 | 12344.4 | 10074.7 | 9017.0  | 10995.7 |
| 47.5° | 10070.9 | 9211.6  | 9055.5  | 11541.0 | 15342.3 | 17430.9 | 14953.1 | 11515.9 | 10350.2 | 12853.0 |
| 50°   | 11475.4 | 10558.3 | 10032.3 | 13359.8 | 18739.1 | 21072.4 | 17560.0 | 12907.0 | 11878.1 | 15122.7 |
| 52.5° | 13328.9 | 12436.9 | 11171.0 | 15091.9 | 22232.2 | 24636.8 | 20178.4 | 14128.5 | 13774.0 | 17756.5 |
| 55°   | 15856.8 | 15263.3 | 12727.8 | 16745.0 | 25723.4 | 28222.3 | 22694.6 | 15280.7 | 16278.7 | 20885.5 |
| 57.5° | 18993.4 | 19417.3 | 14972.4 | 18662.0 | 28862.0 | 31917.8 | 25222.5 | 16891.4 | 19531.0 | 24384.4 |
| 60°   | 21016.5 | 24941.2 | 19270.9 | 21496.2 | 32428.3 | 36096.8 | 28686.7 | 19954.9 | 22949.0 | 25638.6 |
| 62.5° | 20527.1 | 26698.3 | 24419.0 | 25114.6 | 35707.6 | 39135.2 | 32081.5 | 23031.8 | 23592.5 | 23790.9 |
| 65°   | 19026.2 | 25280.3 | 23369.0 | 25817.8 | 36538.0 | 39306.7 | 32989.0 | 22634.9 | 20012.7 | 19423.1 |
| 67.5° | 16960.8 | 23598.3 | 20873.9 | 23952.8 | 35037.1 | 36909.8 | 31299.3 | 20022.3 | 15465.6 | 14575.5 |
| 70°   | 14731.6 | 21737.1 | 19236.2 | 21860.4 | 32175.9 | 32732.8 | 28426.6 | 17610.1 | 11375.3 | 9843.5  |
| 72.5° | 12616.1 | 19798.8 | 18114.9 | 19716.0 | 28359.1 | 27207.0 | 24686.8 | 15477.2 | 8282.9  | 7099.9  |
| 75°   | 10452.4 | 16939.6 | 16517.6 | 17168.9 | 23340.1 | 21430.7 | 20511.7 | 12814.5 | 6500.7  | 5136.6  |
| 77.5° | 8065.2  | 13236.4 | 14207.5 | 13749.0 | 16429.0 | 15918.4 | 15899.2 | 9629.7  | 4749.3  | 3427.6  |
| 80°   | 5520.0  | 9225.1  | 11099.7 | 9699.0  | 10662.4 | 10402.3 | 11974.5 | 6460.2  | 3444.9  | 2063.5  |
| 82.5° | 3244.6  | 5616.3  | 7726.1  | 4695.4  | 5895.7  | 6051.8  | 7130.7  | 3142.5  | 2026.9  | 475.9   |
| 85°   | 1315.9  | 2217.6  | 3021.1  | 1838.1  | 2843.8  | 2398.7  | 2707.0  | 882.4   | 564.5   | 11.6    |
| 87.5° | 331.4   | 709.0   | 497.1   | 206.2   | 329.5   | 302.5   | 238.9   | 107.9   | 23.1    | 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°   |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3872.7  | 0°    | 3872.7  | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 |
| 4375.5  | 2.5°  | 4300.4  | 4256.1 | 4146.3 | 4036.4 | 3947.8 | 3828.4 | 3749.4 | 3655.0 | 3564.4 | 3483.5 |
| 4876.5  | 5°    | 4755.1  | 4608.7 | 4408.3 | 4225.3 | 4038.4 | 3857.3 | 3678.1 | 3489.3 | 3315.9 | 3209.9 |
| 5300.4  | 7.5°  | 5125.0  | 4866.9 | 4601.0 | 4367.8 | 4142.4 | 3930.5 | 3693.5 | 3464.2 | 3192.5 | 3048.0 |
| 5624.0  | 10°   | 5400.5  | 5061.4 | 4712.7 | 4444.9 | 4217.6 | 4011.4 | 3811.0 | 3579.8 | 3252.3 | 3071.2 |
| 5820.6  | 12.5° | 5581.7  | 5179.0 | 4770.5 | 4464.2 | 4209.8 | 4049.9 | 3961.3 | 3870.7 | 3545.1 | 3333.2 |
| 5965.1  | 15°   | 5706.9  | 5261.8 | 4811.0 | 4419.9 | 4107.7 | 3990.2 | 4078.8 | 4182.9 | 3974.8 | 3730.1 |
| 6115.4  | 17.5° | 5843.7  | 5369.7 | 4828.3 | 4300.4 | 3909.3 | 3859.2 | 4088.5 | 4329.3 | 4319.7 | 4076.9 |
| 6257.9  | 20°   | 5988.2  | 5464.1 | 4816.8 | 4107.7 | 3668.4 | 3712.8 | 4005.6 | 4285.0 | 4402.5 | 4271.5 |
| 6421.7  | 22.5° | 6136.5  | 5554.7 | 4772.4 | 3857.3 | 3443.0 | 3581.7 | 3874.6 | 4119.3 | 4258.0 | 4217.6 |
| 6622.1  | 25°   | 6323.4  | 5681.8 | 4706.9 | 3587.5 | 3256.1 | 3448.8 | 3722.4 | 3920.8 | 4017.2 | 4015.2 |
| 6837.9  | 27.5° | 6546.9  | 5851.4 | 4672.3 | 3369.8 | 3123.2 | 3298.5 | 3541.3 | 3718.5 | 3786.0 | 3786.0 |
| 7105.7  | 30°   | 6807.0  | 6051.8 | 4633.7 | 3227.2 | 3046.1 | 3142.5 | 3331.3 | 3504.7 | 3572.1 | 3572.1 |
| 7398.5  | 32.5° | 7096.0  | 6244.4 | 4541.2 | 3140.5 | 2988.3 | 2990.2 | 3109.7 | 3267.7 | 3348.6 | 3360.2 |
| 7764.6  | 35°   | 7442.9  | 6450.6 | 4338.9 | 3071.2 | 2920.9 | 2841.9 | 2899.7 | 3030.7 | 3127.0 | 3152.1 |
| 8286.7  | 37.5° | 7897.6  | 6703.0 | 4049.9 | 2969.0 | 2816.8 | 2685.8 | 2699.3 | 2799.5 | 2905.5 | 2944.0 |
| 9007.3  | 40°   | 8508.3  | 6999.7 | 3749.4 | 2822.6 | 2670.4 | 2514.3 | 2508.6 | 2581.8 | 2685.8 | 2728.2 |
| 9982.2  | 42.5° | 9315.6  | 7356.2 | 3462.3 | 2682.0 | 2493.2 | 2333.2 | 2323.6 | 2381.4 | 2472.0 | 2516.3 |
| 11269.3 | 45°   | 10348.3 | 7793.5 | 3215.7 | 2572.1 | 2319.8 | 2161.8 | 2157.9 | 2206.1 | 2285.1 | 2331.3 |
| 12916.6 | 47.5° | 11783.7 | 8230.9 | 3048.0 | 2514.3 | 2183.0 | 2021.1 | 2028.8 | 2071.2 | 2142.5 | 2175.2 |
| 15049.5 | 50°   | 13654.5 | 8363.8 | 2963.3 | 2514.3 | 2109.7 | 1895.9 | 1934.4 | 1969.1 | 2023.0 | 2042.3 |
| 17606.2 | 52.5° | 15450.2 | 7924.5 | 2886.2 | 2529.8 | 2119.4 | 1789.9 | 1872.8 | 1897.8 | 1944.0 | 1951.8 |
| 19976.1 | 55°   | 16330.7 | 6812.8 | 2780.2 | 2533.6 | 2179.1 | 1699.4 | 1822.7 | 1868.9 | 1886.2 | 1884.3 |
| 21351.7 | 57.5° | 16028.2 | 5508.4 | 2601.0 | 2518.2 | 2219.6 | 1641.6 | 1761.0 | 1849.6 | 1861.2 | 1843.9 |
| 21089.7 | 60°   | 14966.6 | 4055.7 | 2464.3 | 2404.5 | 2204.1 | 1624.2 | 1666.6 | 1807.2 | 1824.6 | 1801.5 |
| 19070.5 | 62.5° | 13186.4 | 2814.9 | 2358.3 | 2154.1 | 2136.7 | 1618.4 | 1518.2 | 1714.8 | 1757.2 | 1724.4 |
| 15328.8 | 65°   | 10381.1 | 1988.4 | 2030.7 | 1888.2 | 1990.3 | 1587.6 | 1364.1 | 1603.0 | 1660.8 | 1610.7 |
| 11120.9 | 67.5° | 7024.8  | 1435.4 | 1645.4 | 1710.9 | 1753.3 | 1518.2 | 1252.4 | 1475.9 | 1552.9 | 1487.4 |
| 7136.5  | 70°   | 3793.7  | 1007.7 | 1086.7 | 1441.2 | 1489.3 | 1398.8 | 1152.2 | 1346.8 | 1435.4 | 1364.1 |
| 5073.0  | 72.5° | 2240.8  | 724.4  | 761.0  | 1157.9 | 1240.8 | 1231.2 | 1040.4 | 1196.5 | 1304.4 | 1219.6 |
| 3500.8  | 75°   | 1235.0  | 489.4  | 543.3  | 840.0  | 1007.7 | 949.9  | 894.0  | 1013.4 | 1123.3 | 1040.4 |
| 2194.5  | 77.5° | 553.0   | 292.9  | 377.6  | 551.0  | 791.9  | 651.2  | 691.7  | 789.9  | 892.1  | 805.4  |
| 1221.5  | 80°   | 213.9   | 163.8  | 250.5  | 300.6  | 576.1  | 360.3  | 445.1  | 581.9  | 655.1  | 585.7  |
| 265.9   | 82.5° | 27.0    | 73.2   | 107.9  | 117.5  | 335.2  | 190.7  | 258.2  | 366.1  | 360.3  | 312.1  |
| 0.0     | 85°   | 0.0     | 13.5   | 15.4   | 7.7    | 144.5  | 69.4   | 84.8   | 119.5  | 111.7  | 84.8   |
| 0.0     | 87.5° | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.9    | 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3872.7 | 0°    | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 |
| 3468.1 | 2.5°  | 3373.7 | 3304.3 | 3269.6 | 3240.7 | 3267.7 | 3283.1 | 3283.1 | 3348.6 | 3387.1 | 3402.6 |
| 3142.5 | 5°    | 2972.9 | 2843.8 | 2757.1 | 2705.1 | 2722.4 | 2741.7 | 2762.9 | 2845.7 | 2901.6 | 2938.2 |
| 2917.0 | 7.5°  | 2656.9 | 2460.4 | 2339.0 | 2275.4 | 2285.1 | 2298.6 | 2315.9 | 2396.8 | 2452.7 | 2500.9 |
| 2874.6 | 10°   | 2500.9 | 2223.4 | 2063.5 | 1986.4 | 1972.9 | 1965.2 | 1959.5 | 2007.6 | 2050.0 | 2088.5 |
| 3048.0 | 12.5° | 2508.6 | 2121.3 | 1926.7 | 1832.3 | 1791.8 | 1745.6 | 1709.0 | 1716.7 | 1743.7 | 1791.8 |
| 3358.2 | 15°   | 2606.8 | 2088.5 | 1855.4 | 1737.9 | 1670.5 | 1616.5 | 1572.2 | 1562.6 | 1572.2 | 1579.9 |
| 3712.8 | 17.5° | 2739.8 | 2084.7 | 1793.8 | 1647.3 | 1578.0 | 1533.7 | 1493.2 | 1479.7 | 1481.6 | 1491.3 |
| 3947.8 | 20°   | 2845.7 | 2073.1 | 1724.4 | 1560.6 | 1499.0 | 1460.4 | 1420.0 | 1406.5 | 1410.3 | 1412.3 |
| 3970.9 | 22.5° | 2901.6 | 2055.8 | 1647.3 | 1473.9 | 1421.9 | 1383.4 | 1346.8 | 1344.8 | 1344.8 | 1356.4 |
| 3845.7 | 25°   | 2901.6 | 2019.2 | 1578.0 | 1391.1 | 1344.8 | 1310.2 | 1265.8 | 1273.6 | 1277.4 | 1292.8 |
| 3651.1 | 27.5° | 2832.3 | 1949.8 | 1522.1 | 1319.8 | 1271.6 | 1236.9 | 1196.5 | 1206.1 | 1211.9 | 1229.2 |
| 3458.4 | 30°   | 2743.6 | 1867.0 | 1458.5 | 1252.4 | 1196.5 | 1171.4 | 1136.8 | 1140.6 | 1148.3 | 1167.6 |
| 3279.2 | 32.5° | 2649.2 | 1768.7 | 1406.5 | 1184.9 | 1129.0 | 1109.8 | 1071.2 | 1077.0 | 1084.7 | 1105.9 |
| 3102.0 | 35°   | 2545.2 | 1653.1 | 1344.8 | 1123.3 | 1067.4 | 1052.0 | 1007.7 | 1011.5 | 1023.1 | 1046.2 |
| 2911.2 | 37.5° | 2435.4 | 1558.7 | 1283.2 | 1063.5 | 1005.7 | 990.3  | 944.1  | 947.9  | 961.4  | 988.4  |
| 2710.9 | 40°   | 2327.5 | 1466.2 | 1217.7 | 1000.0 | 942.2  | 928.7  | 878.6  | 882.4  | 897.8  | 926.7  |
| 2508.6 | 42.5° | 2209.9 | 1394.9 | 1132.9 | 934.5  | 872.8  | 859.3  | 813.1  | 818.8  | 836.2  | 865.1  |
| 2321.7 | 45°   | 2069.3 | 1348.7 | 1038.5 | 872.8  | 803.4  | 789.9  | 747.6  | 759.1  | 778.4  | 807.3  |
| 2161.8 | 47.5° | 1924.8 | 1329.4 | 959.5  | 807.3  | 732.1  | 720.6  | 685.9  | 705.2  | 726.4  | 749.5  |
| 2025.0 | 50°   | 1786.1 | 1304.4 | 878.6  | 745.6  | 670.5  | 658.9  | 635.8  | 660.9  | 682.1  | 703.2  |
| 1926.7 | 52.5° | 1628.1 | 1250.4 | 805.4  | 691.7  | 618.5  | 614.6  | 603.1  | 626.2  | 645.4  | 664.7  |
| 1841.9 | 55°   | 1464.3 | 1163.7 | 741.8  | 643.5  | 574.2  | 578.0  | 572.2  | 591.5  | 606.9  | 624.3  |
| 1764.9 | 57.5° | 1321.7 | 1053.9 | 691.7  | 591.5  | 535.6  | 547.2  | 539.5  | 549.1  | 558.7  | 579.9  |
| 1672.4 | 60°   | 1177.2 | 922.9  | 635.8  | 529.8  | 497.1  | 510.6  | 489.4  | 487.5  | 491.3  | 497.1  |
| 1535.6 | 62.5° | 982.6  | 786.1  | 566.5  | 475.9  | 454.7  | 460.5  | 420.0  | 389.2  | 389.2  | 395.0  |
| 1344.8 | 65°   | 789.9  | 658.9  | 489.4  | 414.2  | 396.9  | 393.0  | 335.2  | 292.9  | 289.0  | 306.3  |
| 1123.3 | 67.5° | 649.3  | 547.2  | 412.3  | 344.9  | 333.3  | 337.2  | 294.8  | 252.4  | 248.5  | 267.8  |
| 915.2  | 70°   | 537.6  | 441.2  | 329.5  | 265.9  | 277.4  | 294.8  | 252.4  | 211.9  | 206.2  | 223.5  |
| 743.7  | 72.5° | 427.7  | 344.9  | 252.4  | 196.5  | 229.3  | 250.5  | 206.2  | 167.6  | 163.8  | 179.2  |
| 574.2  | 75°   | 314.1  | 246.6  | 171.5  | 142.6  | 177.3  | 196.5  | 150.3  | 119.5  | 113.7  | 127.2  |
| 383.4  | 77.5° | 194.6  | 138.7  | 107.9  | 84.8   | 121.4  | 131.0  | 79.0   | 69.4   | 67.4   | 77.1   |
| 233.1  | 80°   | 90.6   | 59.7   | 52.0   | 28.9   | 44.3   | 52.0   | 32.8   | 36.6   | 38.5   | 46.2   |
| 117.5  | 82.5° | 25.0   | 9.6    | 1.9    | 0.0    | 0.0    | 15.4   | 7.7    | 15.4   | 19.3   | 28.9   |
| 9.6    | 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.9    | 9.6    | 17.3   |
| 0.0    | 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7.7    |
| 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: P950362

CATALOG NUMBER: GLAN-SB4D-830-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

| 285°   |       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 3872.7 | 0°    | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7 | 3872.7  | 3872.7  |
| 3510.5 | 2.5°  | 3591.4 | 3668.4 | 3791.8 | 3918.9 | 4044.1 | 4171.3 | 4294.6  | 4338.9  |
| 3105.8 | 5°    | 3258.1 | 3435.3 | 3680.0 | 3942.0 | 4211.8 | 4485.4 | 4735.8  | 4849.5  |
| 2687.8 | 7.5°  | 2886.2 | 3140.5 | 3508.5 | 3918.9 | 4348.6 | 4778.2 | 5173.2  | 5356.2  |
| 2273.5 | 10°   | 2489.3 | 2811.1 | 3231.1 | 3786.0 | 4402.5 | 4995.9 | 5539.3  | 5776.3  |
| 1909.4 | 12.5° | 2111.7 | 2448.8 | 2913.2 | 3577.9 | 4360.1 | 5121.2 | 5774.3  | 6053.7  |
| 1653.1 | 15°   | 1795.7 | 2094.3 | 2595.3 | 3331.3 | 4223.3 | 5128.9 | 5886.1  | 6192.4  |
| 1510.5 | 17.5° | 1558.7 | 1753.3 | 2271.6 | 3057.7 | 4044.1 | 5057.6 | 5924.6  | 6252.2  |
| 1433.5 | 20°   | 1441.2 | 1495.1 | 1851.6 | 2707.0 | 3876.5 | 4990.2 | 5963.1  | 6308.0  |
| 1371.8 | 22.5° | 1371.8 | 1385.3 | 1514.4 | 2254.2 | 3676.1 | 4969.0 | 6030.6  | 6385.1  |
| 1315.9 | 25°   | 1315.9 | 1319.8 | 1354.5 | 1786.1 | 3369.8 | 4955.5 | 6134.6  | 6491.1  |
| 1258.1 | 27.5° | 1260.1 | 1260.1 | 1279.3 | 1439.2 | 2953.6 | 4897.7 | 6269.5  | 6618.2  |
| 1200.3 | 30°   | 1204.2 | 1204.2 | 1217.7 | 1273.6 | 2466.2 | 4784.0 | 6431.3  | 6783.9  |
| 1142.5 | 32.5° | 1146.4 | 1146.4 | 1157.9 | 1198.4 | 1969.1 | 4641.4 | 6579.7  | 6951.5  |
| 1082.8 | 35°   | 1088.6 | 1084.7 | 1100.1 | 1142.5 | 1566.4 | 4460.3 | 6728.0  | 7132.7  |
| 1023.1 | 37.5° | 1026.9 | 1025.0 | 1040.4 | 1088.6 | 1352.5 | 4250.3 | 6839.8  | 7379.3  |
| 963.4  | 40°   | 961.4  | 961.4  | 978.8  | 1030.8 | 1290.9 | 3986.3 | 7017.1  | 7733.8  |
| 901.7  | 42.5° | 901.7  | 897.8  | 917.1  | 980.7  | 1244.7 | 3734.0 | 7335.0  | 8250.1  |
| 845.8  | 45°   | 843.9  | 836.2  | 853.5  | 932.5  | 1163.7 | 3645.3 | 7928.4  | 9013.1  |
| 791.9  | 47.5° | 789.9  | 770.7  | 786.1  | 874.7  | 1090.5 | 3976.7 | 8899.4  | 10070.9 |
| 743.7  | 50°   | 745.6  | 709.0  | 722.5  | 816.9  | 1034.6 | 4695.4 | 10159.5 | 11475.4 |
| 699.4  | 52.5° | 699.4  | 651.2  | 658.9  | 745.6  | 984.5  | 5379.4 | 11525.5 | 13328.9 |
| 655.1  | 55°   | 651.2  | 597.3  | 601.1  | 674.3  | 913.3  | 5481.5 | 12858.8 | 15856.8 |
| 605.0  | 57.5° | 597.3  | 547.2  | 547.2  | 608.8  | 861.2  | 4751.2 | 13883.8 | 18993.4 |
| 543.3  | 60°   | 537.6  | 504.8  | 495.2  | 556.8  | 907.5  | 3352.5 | 14003.3 | 21016.5 |
| 464.3  | 62.5° | 472.0  | 454.7  | 441.2  | 506.7  | 942.2  | 1986.4 | 13041.9 | 20527.1 |
| 366.1  | 65°   | 396.9  | 393.0  | 383.4  | 556.8  | 793.8  | 1173.4 | 11196.1 | 19026.2 |
| 312.1  | 67.5° | 333.3  | 327.5  | 327.5  | 583.8  | 603.1  | 737.9  | 8747.2  | 16960.8 |
| 265.9  | 70°   | 287.1  | 265.9  | 265.9  | 441.2  | 366.1  | 510.6  | 6107.6  | 14731.6 |
| 219.6  | 72.5° | 240.8  | 217.7  | 202.3  | 352.6  | 273.6  | 373.8  | 3816.8  | 12616.1 |
| 167.6  | 75°   | 192.7  | 175.3  | 156.1  | 233.1  | 204.2  | 283.2  | 2217.6  | 10452.4 |
| 106.0  | 77.5° | 138.7  | 131.0  | 109.8  | 171.5  | 148.4  | 204.2  | 1319.8  | 8065.2  |
| 65.5   | 80°   | 71.3   | 73.2   | 69.4   | 98.3   | 100.2  | 138.7  | 751.4   | 5520.0  |
| 42.4   | 82.5° | 42.4   | 32.8   | 36.6   | 48.2   | 57.8   | 79.0   | 283.2   | 3244.6  |
| 30.8   | 85°   | 27.0   | 17.3   | 17.3   | 23.1   | 28.9   | 30.8   | 86.7    | 1315.9  |
| 15.4   | 87.5° | 13.5   | 5.8    | 7.7    | 11.6   | 9.6    | 7.7    | 3.9     | 331.4   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

(END OF REPORT)