

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: McGRAW-EDISON

Report Number: P950194

Luminaire Tested: **GALN-SB4D-722-U-SLL-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P950194  
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: MCGRAW-EDISON  
Catalog Number: GALN-SB4D-722-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

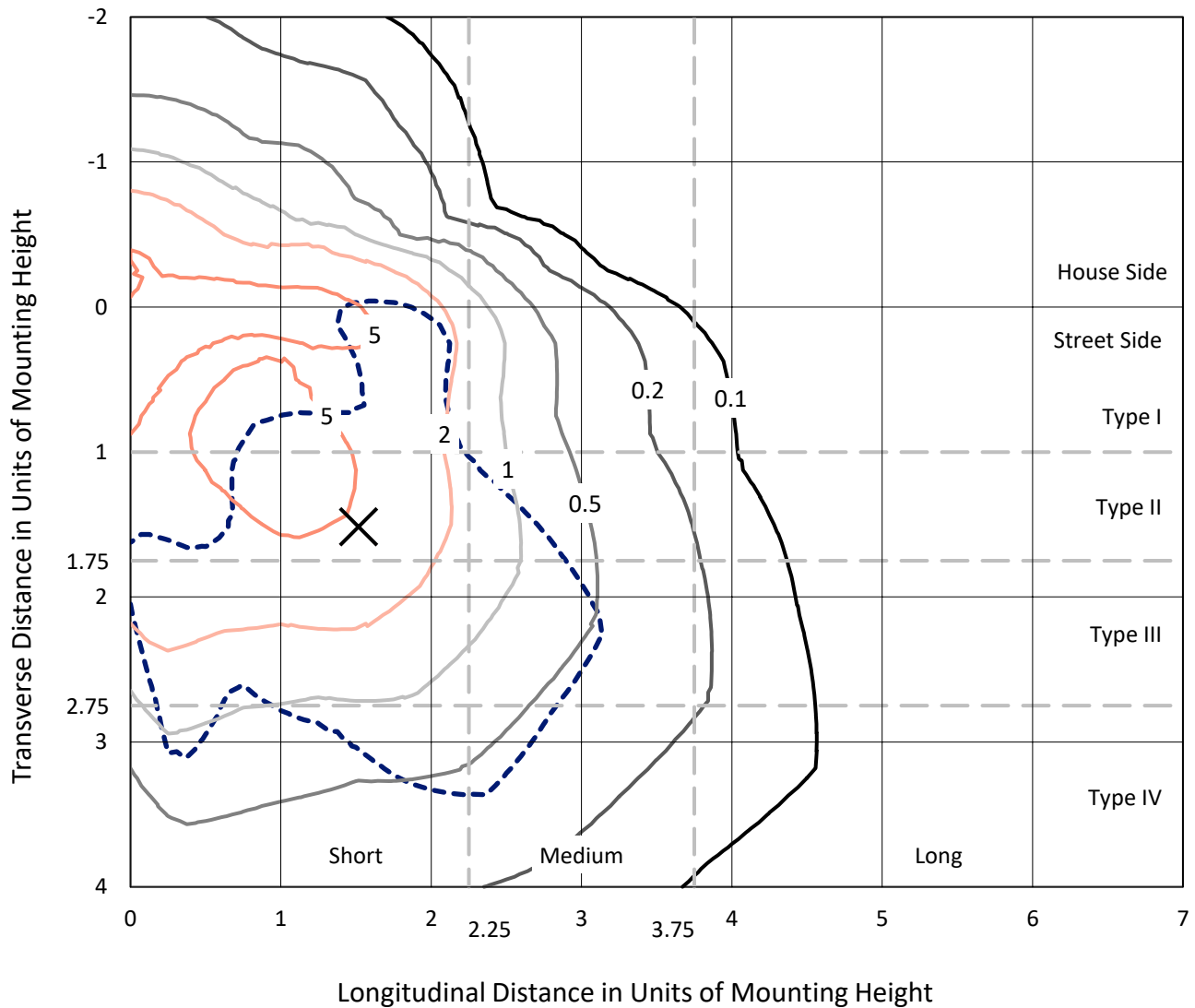
Lumens per Lamp: N/A  
Luminaire Lumens: 25712 lumens  
Efficiency: N/A  
Efficacy: 87.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 293.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
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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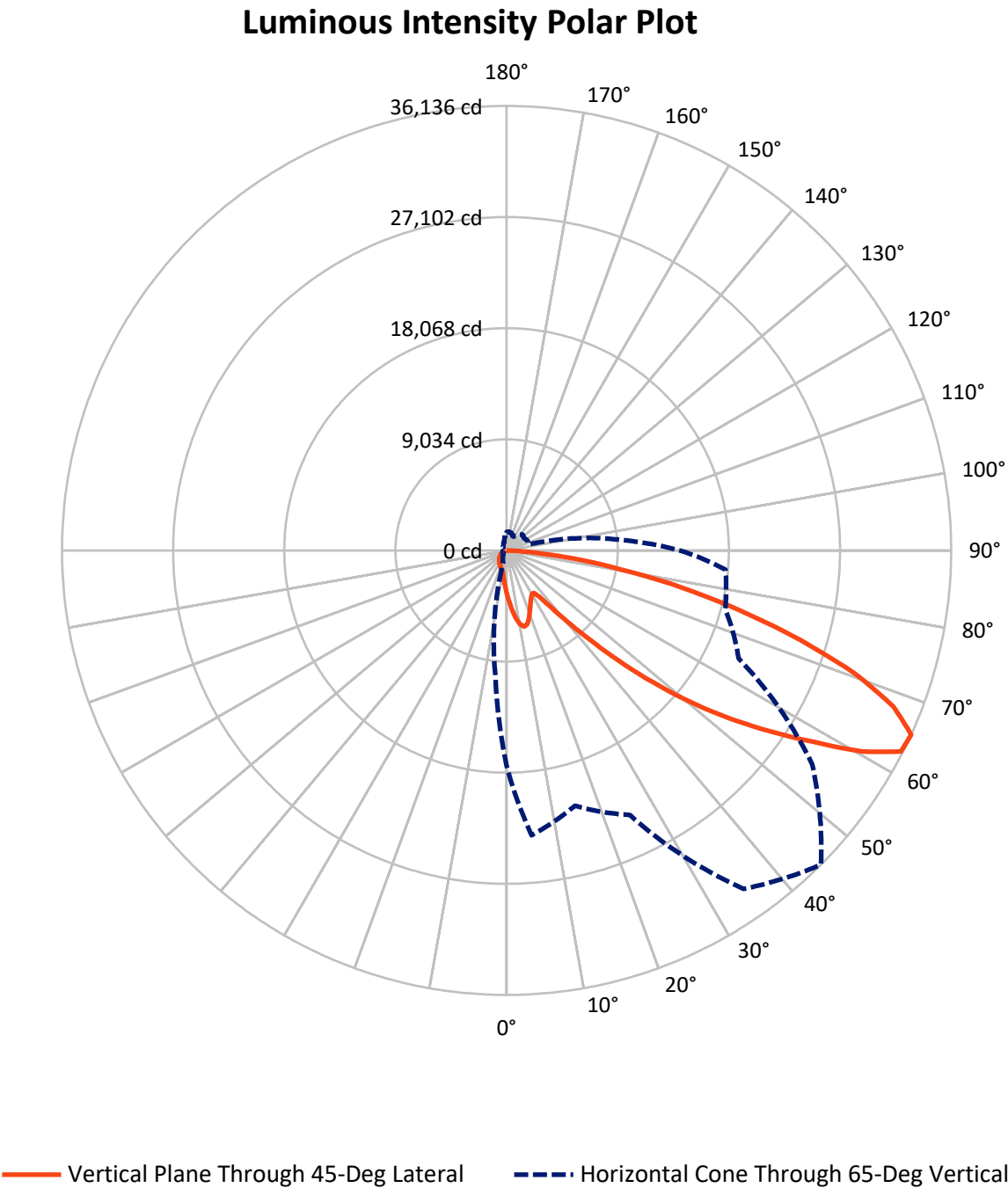
## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.4 fc  
 Type IV - Short - N/A

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5110.8   | 0.0    | 5110.8  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 20601.2  | 0.0    | 20601.2 |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 25712.0  | 0.0    | 25712.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 350.5   | 1.4       |
| 10°-20°   | 1050.8  | 4.1       |
| 20°-30°   | 1548.0  | 6.0       |
| 30°-40°   | 1988.7  | 7.7       |
| 40°-50°   | 3216.4  | 12.5      |
| 50°-60°   | 5640.2  | 21.9      |
| 60°-70°   | 7057.5  | 27.4      |
| 70°-80°   | 4124.1  | 16.0      |
| 80°-90°   | 735.8   | 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°    | 25712.0 | 100.0     |
| 0°-180°   | 25712.0 | 100.0     |

**Coefficient of Utilization**



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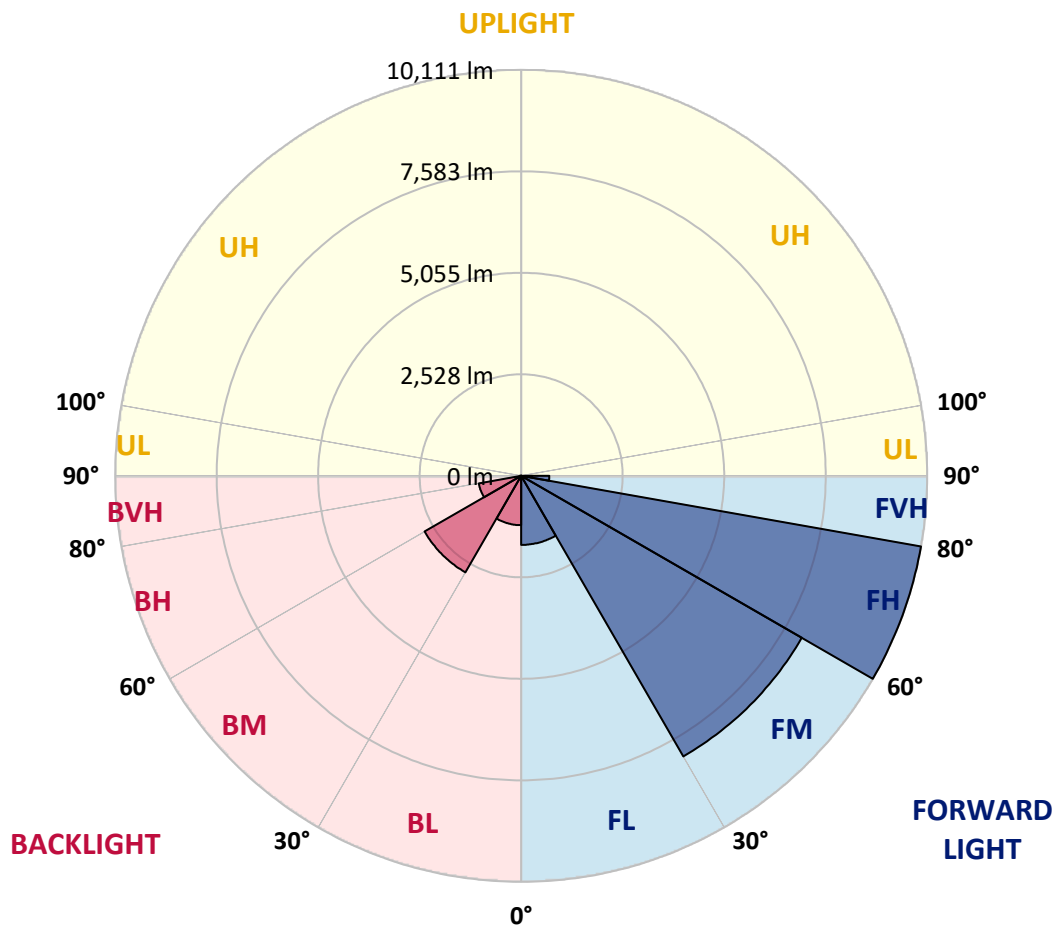
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1720.4  | 6.7       |                         |      |          |
| FM   | (30°-60°)   | 8068.7  | 31.4      |                         |      |          |
| FH   | (60°-80°)   | 10110.8 | 39.3      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 701.3   | 2.7       |                         |      | G4/750   |
| BL   | (0°-30°)    | 1228.8  | 4.8       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2776.6  | 10.8      | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1070.8  | 4.2       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 34.5    | 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-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3560.3  | 3560.3  | 3560.3  | 3560.3  | 3560.3  | 3560.3  | 3560.3  | 3560.3  | 3560.3  | 3560.3  | 3560.3  |
| 2.5°  | 3988.9  | 4019.1  | 4086.4  | 4121.8  | 4176.7  | 4180.2  | 4180.2  | 4132.4  | 4130.6  | 4033.2  | 4022.6  |
| 5°    | 4458.3  | 4529.2  | 4688.6  | 4853.3  | 4888.8  | 4897.6  | 4879.9  | 4784.2  | 4713.4  | 4523.9  | 4483.1  |
| 7.5°  | 4924.2  | 5060.6  | 5303.2  | 5522.9  | 5593.7  | 5593.7  | 5551.2  | 5395.3  | 5250.1  | 4975.5  | 4872.8  |
| 10°   | 5310.3  | 5482.1  | 5811.6  | 6057.8  | 6139.3  | 6121.6  | 6034.8  | 5838.2  | 5638.0  | 5305.0  | 5170.4  |
| 12.5° | 5565.4  | 5758.5  | 6119.8  | 6318.2  | 6401.4  | 6355.4  | 6256.2  | 6064.9  | 5854.1  | 5503.4  | 5351.1  |
| 15°   | 5692.9  | 5894.8  | 6208.4  | 6312.9  | 6289.8  | 6242.0  | 6229.6  | 6137.5  | 5978.1  | 5650.4  | 5483.9  |
| 17.5° | 5747.8  | 5935.6  | 6153.5  | 6087.9  | 5893.1  | 5855.9  | 5979.9  | 6096.8  | 6057.8  | 5777.9  | 5622.1  |
| 20°   | 5799.2  | 5956.8  | 6022.4  | 5731.9  | 5391.8  | 5358.1  | 5595.5  | 5928.5  | 6098.5  | 5896.6  | 5753.1  |
| 22.5° | 5870.0  | 5967.5  | 5832.9  | 5356.4  | 4989.7  | 4911.8  | 5173.9  | 5675.2  | 6110.9  | 6047.2  | 5903.7  |
| 25°   | 5967.5  | 5994.0  | 5623.8  | 5000.3  | 4631.9  | 4554.0  | 4798.4  | 5393.6  | 6089.7  | 6210.1  | 6087.9  |
| 27.5° | 6084.4  | 6029.5  | 5423.7  | 4702.8  | 4346.7  | 4274.1  | 4518.6  | 5122.6  | 6029.5  | 6373.1  | 6286.3  |
| 30°   | 6236.7  | 6075.5  | 5225.3  | 4472.5  | 4143.0  | 4089.9  | 4325.5  | 4888.8  | 5955.1  | 6580.3  | 6532.5  |
| 32.5° | 6390.8  | 6095.0  | 5041.1  | 4337.9  | 4097.0  | 4116.5  | 4309.5  | 4763.0  | 5873.6  | 6778.7  | 6801.7  |
| 35°   | 6557.3  | 6157.0  | 4950.8  | 4470.7  | 4481.4  | 4651.4  | 4731.1  | 4879.9  | 5861.2  | 7048.0  | 7138.3  |
| 37.5° | 6784.0  | 6295.2  | 5058.8  | 5131.4  | 5499.8  | 5852.3  | 5786.8  | 5452.0  | 6004.7  | 7450.0  | 7618.3  |
| 40°   | 7110.0  | 6537.8  | 5530.0  | 6256.2  | 7012.5  | 7584.7  | 7334.9  | 6491.8  | 6443.9  | 8029.2  | 8280.8  |
| 42.5° | 7584.7  | 6924.0  | 6366.0  | 7630.7  | 8913.1  | 9855.4  | 9185.9  | 7832.6  | 7212.7  | 8856.4  | 9177.0  |
| 45°   | 8286.1  | 7549.2  | 7377.4  | 9081.4  | 11256.5 | 12740.9 | 11348.6 | 9262.1  | 8289.6  | 10108.7 | 10360.3 |
| 47.5° | 9258.5  | 8468.5  | 8325.1  | 10610.0 | 14104.8 | 16024.8 | 13747.0 | 10587.0 | 9515.4  | 11816.3 | 11874.7 |
| 50°   | 10549.8 | 9706.7  | 9223.1  | 12282.1 | 17227.5 | 19372.6 | 16143.5 | 11865.9 | 10920.0 | 13902.8 | 13835.5 |
| 52.5° | 12253.8 | 11433.7 | 10269.9 | 13874.5 | 20438.9 | 22649.5 | 18550.7 | 12988.9 | 12662.9 | 16324.2 | 16186.0 |
| 55°   | 14577.7 | 14032.1 | 11701.1 | 15394.3 | 23648.5 | 25945.8 | 20864.0 | 14048.1 | 14965.6 | 19200.8 | 18364.7 |
| 57.5° | 17461.4 | 17851.0 | 13764.7 | 17156.7 | 26533.9 | 29343.2 | 23187.9 | 15528.9 | 17955.5 | 22417.4 | 19629.4 |
| 60°   | 19321.2 | 22929.3 | 17716.4 | 19762.3 | 29812.6 | 33185.1 | 26372.7 | 18345.2 | 21097.8 | 23570.5 | 19388.5 |
| 62.5° | 18871.3 | 24544.7 | 22449.3 | 23088.7 | 32827.3 | 35978.4 | 29493.7 | 21174.0 | 21689.4 | 21871.9 | 17532.2 |
| 65°   | 17491.5 | 23241.1 | 21484.0 | 23735.3 | 33590.7 | 36136.1 | 30328.0 | 20809.1 | 18398.4 | 17856.4 | 14092.4 |
| 67.5° | 15592.7 | 21694.7 | 19190.1 | 22020.7 | 32210.9 | 33932.6 | 28774.6 | 18407.2 | 14218.1 | 13399.8 | 10223.9 |
| 70°   | 13543.3 | 19983.7 | 17684.5 | 20097.0 | 29580.5 | 30092.4 | 26133.6 | 16189.6 | 10457.7 | 9049.5  | 6560.9  |
| 72.5° | 11598.4 | 18201.8 | 16653.7 | 18125.6 | 26071.6 | 25012.4 | 22695.5 | 14228.8 | 7614.8  | 6527.2  | 4663.8  |
| 75°   | 9609.2  | 15573.2 | 15185.3 | 15783.9 | 21457.4 | 19702.0 | 18857.1 | 11780.8 | 5976.3  | 4722.3  | 3218.4  |
| 77.5° | 7414.6  | 12168.7 | 13061.5 | 12639.9 | 15103.8 | 14634.4 | 14616.7 | 8852.9  | 4366.2  | 3151.1  | 2017.5  |
| 80°   | 5074.7  | 8480.9  | 10204.4 | 8916.7  | 9802.3  | 9563.2  | 11008.6 | 5939.1  | 3167.1  | 1897.0  | 1123.0  |
| 82.5° | 2982.8  | 5163.3  | 7102.9  | 4316.6  | 5420.1  | 5563.6  | 6555.5  | 2889.0  | 1863.4  | 437.5   | 244.4   |
| 85°   | 1209.8  | 2038.8  | 2777.4  | 1689.8  | 2614.4  | 2205.3  | 2488.7  | 811.2   | 519.0   | 10.6    | 0.0     |
| 87.5° | 304.7   | 651.8   | 457.0   | 189.5   | 302.9   | 278.1   | 219.6   | 99.2    | 21.3    | 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):**

|       | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3560.3  | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 |
| 2.5°  | 3953.5  | 3912.8 | 3811.8 | 3710.8 | 3629.4 | 3519.5 | 3446.9 | 3360.1 | 3276.9 | 3202.5 | 3188.3 |
| 5°    | 4371.5  | 4236.9 | 4052.7 | 3884.4 | 3712.6 | 3546.1 | 3381.4 | 3207.8 | 3048.4 | 2951.0 | 2889.0 |
| 7.5°  | 4711.6  | 4474.3 | 4229.8 | 4015.5 | 3808.3 | 3613.4 | 3395.6 | 3184.8 | 2935.0 | 2802.2 | 2681.7 |
| 10°   | 4964.9  | 4653.2 | 4332.6 | 4086.4 | 3877.3 | 3687.8 | 3503.6 | 3291.1 | 2989.9 | 2823.4 | 2642.8 |
| 12.5° | 5131.4  | 4761.2 | 4385.7 | 4104.1 | 3870.3 | 3723.2 | 3641.8 | 3558.5 | 3259.2 | 3064.3 | 2802.2 |
| 15°   | 5246.6  | 4837.4 | 4422.9 | 4063.3 | 3776.4 | 3668.3 | 3749.8 | 3845.5 | 3654.2 | 3429.2 | 3087.4 |
| 17.5° | 5372.3  | 4936.6 | 4438.8 | 3953.5 | 3593.9 | 3547.9 | 3758.7 | 3980.1 | 3971.2 | 3748.0 | 3413.3 |
| 20°   | 5505.2  | 5023.4 | 4428.2 | 3776.4 | 3372.5 | 3413.3 | 3682.5 | 3939.3 | 4047.4 | 3926.9 | 3629.4 |
| 22.5° | 5641.6  | 5106.6 | 4387.5 | 3546.1 | 3165.3 | 3292.8 | 3562.1 | 3787.0 | 3914.5 | 3877.3 | 3650.6 |
| 25°   | 5813.4  | 5223.5 | 4327.3 | 3298.1 | 2993.5 | 3170.6 | 3422.1 | 3604.6 | 3693.1 | 3691.4 | 3535.5 |
| 27.5° | 6018.8  | 5379.4 | 4295.4 | 3098.0 | 2871.3 | 3032.4 | 3255.6 | 3418.6 | 3480.6 | 3480.6 | 3356.6 |
| 30°   | 6258.0  | 5563.6 | 4259.9 | 2966.9 | 2800.4 | 2889.0 | 3062.6 | 3222.0 | 3284.0 | 3284.0 | 3179.5 |
| 32.5° | 6523.7  | 5740.7 | 4174.9 | 2887.2 | 2747.3 | 2749.0 | 2858.9 | 3004.1 | 3078.5 | 3089.1 | 3014.7 |
| 35°   | 6842.5  | 5930.3 | 3988.9 | 2823.4 | 2685.3 | 2612.7 | 2665.8 | 2786.2 | 2874.8 | 2897.8 | 2851.8 |
| 37.5° | 7260.5  | 6162.3 | 3723.2 | 2729.6 | 2589.6 | 2469.2 | 2481.6 | 2573.7 | 2671.1 | 2706.5 | 2676.4 |
| 40°   | 7822.0  | 6435.1 | 3446.9 | 2594.9 | 2455.0 | 2311.5 | 2306.2 | 2373.5 | 2469.2 | 2508.1 | 2492.2 |
| 42.5° | 8564.2  | 6762.8 | 3183.0 | 2465.6 | 2292.0 | 2145.0 | 2136.2 | 2189.3 | 2272.6 | 2313.3 | 2306.2 |
| 45°   | 9513.6  | 7164.9 | 2956.3 | 2364.7 | 2132.6 | 1987.4 | 1983.8 | 2028.1 | 2100.7 | 2143.3 | 2134.4 |
| 47.5° | 10833.2 | 7566.9 | 2802.2 | 2311.5 | 2006.9 | 1858.1 | 1865.2 | 1904.1 | 1969.7 | 1999.8 | 1987.4 |
| 50°   | 12553.1 | 7689.2 | 2724.2 | 2311.5 | 1939.6 | 1742.9 | 1778.4 | 1810.3 | 1859.9 | 1877.6 | 1861.6 |
| 52.5° | 14204.0 | 7285.3 | 2653.4 | 2325.7 | 1948.4 | 1645.5 | 1721.7 | 1744.7 | 1787.2 | 1794.3 | 1771.3 |
| 55°   | 15013.4 | 6263.3 | 2556.0 | 2329.2 | 2003.3 | 1562.3 | 1675.6 | 1718.1 | 1734.1 | 1732.3 | 1693.4 |
| 57.5° | 14735.3 | 5064.1 | 2391.2 | 2315.1 | 2040.5 | 1509.1 | 1619.0 | 1700.4 | 1711.1 | 1695.1 | 1622.5 |
| 60°   | 13759.4 | 3728.6 | 2265.5 | 2210.6 | 2026.4 | 1493.2 | 1532.2 | 1661.5 | 1677.4 | 1656.2 | 1537.5 |
| 62.5° | 12122.7 | 2587.9 | 2168.1 | 1980.3 | 1964.4 | 1487.9 | 1395.8 | 1576.4 | 1615.4 | 1585.3 | 1411.7 |
| 65°   | 9543.7  | 1828.0 | 1866.9 | 1735.9 | 1829.7 | 1459.5 | 1254.1 | 1473.7 | 1526.9 | 1480.8 | 1236.4 |
| 67.5° | 6458.1  | 1319.6 | 1512.7 | 1572.9 | 1611.9 | 1395.8 | 1151.3 | 1356.8 | 1427.7 | 1367.4 | 1032.7 |
| 70°   | 3487.7  | 926.4  | 999.0  | 1324.9 | 1369.2 | 1286.0 | 1059.2 | 1238.1 | 1319.6 | 1254.1 | 841.4  |
| 72.5° | 2060.0  | 666.0  | 699.7  | 1064.5 | 1140.7 | 1131.9 | 956.5  | 1100.0 | 1199.2 | 1121.2 | 683.7  |
| 75°   | 1135.4  | 449.9  | 499.5  | 772.3  | 926.4  | 873.2  | 821.9  | 931.7  | 1032.7 | 956.5  | 527.8  |
| 77.5° | 508.4   | 269.2  | 347.2  | 506.6  | 728.0  | 598.7  | 635.9  | 726.2  | 820.1  | 740.4  | 352.5  |
| 80°   | 196.6   | 150.6  | 230.3  | 276.3  | 529.6  | 331.2  | 409.2  | 534.9  | 602.2  | 538.5  | 214.3  |
| 82.5° | 24.8    | 67.3   | 99.2   | 108.0  | 308.2  | 175.4  | 237.4  | 336.5  | 331.2  | 286.9  | 108.0  |
| 85°   | 0.0     | 12.4   | 14.2   | 7.1    | 132.8  | 63.8   | 77.9   | 109.8  | 102.7  | 77.9   | 8.9    |
| 87.5° | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.5    | 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):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 |
| 2.5°  | 3101.5 | 3037.8 | 3005.9 | 2979.3 | 3004.1 | 3018.3 | 3018.3 | 3078.5 | 3113.9 | 3128.1 | 3227.3 |
| 5°    | 2733.1 | 2614.4 | 2534.7 | 2486.9 | 2502.8 | 2520.5 | 2540.0 | 2616.2 | 2667.6 | 2701.2 | 2855.3 |
| 7.5°  | 2442.6 | 2261.9 | 2150.3 | 2091.9 | 2100.7 | 2113.1 | 2129.1 | 2203.5 | 2254.8 | 2299.1 | 2470.9 |
| 10°   | 2299.1 | 2044.1 | 1897.0 | 1826.2 | 1813.8 | 1806.7 | 1801.4 | 1845.7 | 1884.7 | 1920.1 | 2090.1 |
| 12.5° | 2306.2 | 1950.2 | 1771.3 | 1684.5 | 1647.3 | 1604.8 | 1571.1 | 1578.2 | 1603.0 | 1647.3 | 1755.3 |
| 15°   | 2396.6 | 1920.1 | 1705.8 | 1597.7 | 1535.7 | 1486.1 | 1445.4 | 1436.5 | 1445.4 | 1452.5 | 1519.8 |
| 17.5° | 2518.8 | 1916.5 | 1649.1 | 1514.5 | 1450.7 | 1409.9 | 1372.7 | 1360.3 | 1362.1 | 1371.0 | 1388.7 |
| 20°   | 2616.2 | 1905.9 | 1585.3 | 1434.7 | 1378.1 | 1342.6 | 1305.4 | 1293.0 | 1296.6 | 1298.4 | 1317.8 |
| 22.5° | 2667.6 | 1890.0 | 1514.5 | 1355.0 | 1307.2 | 1271.8 | 1238.1 | 1236.4 | 1236.4 | 1247.0 | 1261.2 |
| 25°   | 2667.6 | 1856.3 | 1450.7 | 1278.9 | 1236.4 | 1204.5 | 1163.7 | 1170.8 | 1174.4 | 1188.5 | 1209.8 |
| 27.5° | 2603.8 | 1792.5 | 1399.3 | 1213.3 | 1169.1 | 1137.2 | 1100.0 | 1108.8 | 1114.1 | 1130.1 | 1156.7 |
| 30°   | 2522.3 | 1716.4 | 1340.9 | 1151.3 | 1100.0 | 1076.9 | 1045.1 | 1048.6 | 1055.7 | 1073.4 | 1103.5 |
| 32.5° | 2435.5 | 1626.0 | 1293.0 | 1089.3 | 1038.0 | 1020.3 | 984.8  | 990.2  | 997.2  | 1016.7 | 1050.4 |
| 35°   | 2339.9 | 1519.8 | 1236.4 | 1032.7 | 981.3  | 967.1  | 926.4  | 929.9  | 940.6  | 961.8  | 995.5  |
| 37.5° | 2238.9 | 1433.0 | 1179.7 | 977.8  | 924.6  | 910.4  | 867.9  | 871.5  | 883.9  | 908.7  | 940.6  |
| 40°   | 2139.7 | 1348.0 | 1119.5 | 919.3  | 866.2  | 853.8  | 807.7  | 811.2  | 825.4  | 852.0  | 885.6  |
| 42.5° | 2031.7 | 1282.4 | 1041.5 | 859.1  | 802.4  | 790.0  | 747.5  | 752.8  | 768.7  | 795.3  | 829.0  |
| 45°   | 1902.4 | 1239.9 | 954.7  | 802.4  | 738.6  | 726.2  | 687.3  | 697.9  | 715.6  | 742.2  | 777.6  |
| 47.5° | 1769.5 | 1222.2 | 882.1  | 742.2  | 673.1  | 662.5  | 630.6  | 648.3  | 667.8  | 689.0  | 728.0  |
| 50°   | 1642.0 | 1199.2 | 807.7  | 685.5  | 616.4  | 605.8  | 584.5  | 607.6  | 627.0  | 646.5  | 683.7  |
| 52.5° | 1496.7 | 1149.6 | 740.4  | 635.9  | 568.6  | 565.0  | 554.4  | 575.7  | 593.4  | 611.1  | 643.0  |
| 55°   | 1346.2 | 1069.9 | 681.9  | 591.6  | 527.8  | 531.4  | 526.1  | 543.8  | 558.0  | 573.9  | 602.2  |
| 57.5° | 1215.1 | 968.9  | 635.9  | 543.8  | 492.4  | 503.0  | 496.0  | 504.8  | 513.7  | 533.2  | 556.2  |
| 60°   | 1082.3 | 848.4  | 584.5  | 487.1  | 457.0  | 469.4  | 449.9  | 448.1  | 451.7  | 457.0  | 499.5  |
| 62.5° | 903.4  | 722.7  | 520.8  | 437.5  | 418.0  | 423.3  | 386.1  | 357.8  | 357.8  | 363.1  | 426.9  |
| 65°   | 726.2  | 605.8  | 449.9  | 380.8  | 364.9  | 361.3  | 308.2  | 269.2  | 265.7  | 281.6  | 336.5  |
| 67.5° | 596.9  | 503.0  | 379.1  | 317.1  | 306.4  | 310.0  | 271.0  | 232.0  | 228.5  | 246.2  | 286.9  |
| 70°   | 494.2  | 405.6  | 302.9  | 244.4  | 255.1  | 271.0  | 232.0  | 194.8  | 189.5  | 205.5  | 244.4  |
| 72.5° | 393.2  | 317.1  | 232.0  | 180.7  | 210.8  | 230.3  | 189.5  | 154.1  | 150.6  | 164.7  | 201.9  |
| 75°   | 288.7  | 226.7  | 157.6  | 131.1  | 163.0  | 180.7  | 138.2  | 109.8  | 104.5  | 116.9  | 154.1  |
| 77.5° | 178.9  | 127.5  | 99.2   | 77.9   | 111.6  | 120.4  | 72.6   | 63.8   | 62.0   | 70.9   | 97.4   |
| 80°   | 83.3   | 54.9   | 47.8   | 26.6   | 40.7   | 47.8   | 30.1   | 33.7   | 35.4   | 42.5   | 60.2   |
| 82.5° | 23.0   | 8.9    | 1.8    | 0.0    | 0.0    | 14.2   | 7.1    | 14.2   | 17.7   | 26.6   | 39.0   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.5    | 8.9    | 15.9   | 28.3   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7.1    | 14.2   |
| 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: P950194

CATALOG NUMBER: GALN-SB4D-722-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3 | 3560.3  | 3560.3  |
| 2.5°  | 3301.7 | 3372.5 | 3485.9 | 3602.8 | 3717.9 | 3834.8 | 3948.2  | 3988.9  |
| 5°    | 2995.2 | 3158.2 | 3383.2 | 3624.1 | 3872.0 | 4123.6 | 4353.8  | 4458.3  |
| 7.5°  | 2653.4 | 2887.2 | 3225.5 | 3602.8 | 3997.8 | 4392.8 | 4755.9  | 4924.2  |
| 10°   | 2288.5 | 2584.3 | 2970.5 | 3480.6 | 4047.4 | 4593.0 | 5092.5  | 5310.3  |
| 12.5° | 1941.3 | 2251.3 | 2678.2 | 3289.3 | 4008.4 | 4708.1 | 5308.6  | 5565.4  |
| 15°   | 1650.8 | 1925.4 | 2385.9 | 3062.6 | 3882.7 | 4715.2 | 5411.3  | 5692.9  |
| 17.5° | 1433.0 | 1611.9 | 2088.3 | 2811.0 | 3717.9 | 4649.6 | 5446.7  | 5747.8  |
| 20°   | 1324.9 | 1374.5 | 1702.2 | 2488.7 | 3563.8 | 4587.6 | 5482.1  | 5799.2  |
| 22.5° | 1261.2 | 1273.6 | 1392.2 | 2072.4 | 3379.6 | 4568.2 | 5544.1  | 5870.0  |
| 25°   | 1209.8 | 1213.3 | 1245.2 | 1642.0 | 3098.0 | 4555.8 | 5639.8  | 5967.5  |
| 27.5° | 1158.4 | 1158.4 | 1176.1 | 1323.2 | 2715.4 | 4502.6 | 5763.8  | 6084.4  |
| 30°   | 1107.1 | 1107.1 | 1119.5 | 1170.8 | 2267.2 | 4398.1 | 5912.6  | 6236.7  |
| 32.5° | 1053.9 | 1053.9 | 1064.5 | 1101.7 | 1810.3 | 4267.0 | 6048.9  | 6390.8  |
| 35°   | 1000.8 | 997.2  | 1011.4 | 1050.4 | 1440.1 | 4100.5 | 6185.3  | 6557.3  |
| 37.5° | 944.1  | 942.3  | 956.5  | 1000.8 | 1243.4 | 3907.5 | 6288.1  | 6784.0  |
| 40°   | 883.9  | 883.9  | 899.8  | 947.6  | 1186.8 | 3664.8 | 6451.0  | 7110.0  |
| 42.5° | 829.0  | 825.4  | 843.1  | 901.6  | 1144.3 | 3432.8 | 6743.3  | 7584.7  |
| 45°   | 775.8  | 768.7  | 784.7  | 857.3  | 1069.9 | 3351.3 | 7288.9  | 8286.1  |
| 47.5° | 726.2  | 708.5  | 722.7  | 804.2  | 1002.5 | 3655.9 | 8181.6  | 9258.5  |
| 50°   | 685.5  | 651.8  | 664.2  | 751.0  | 951.2  | 4316.6 | 9340.0  | 10549.8 |
| 52.5° | 643.0  | 598.7  | 605.8  | 685.5  | 905.1  | 4945.4 | 10595.8 | 12253.8 |
| 55°   | 598.7  | 549.1  | 552.6  | 620.0  | 839.6  | 5039.3 | 11821.6 | 14577.7 |
| 57.5° | 549.1  | 503.0  | 503.0  | 559.7  | 791.8  | 4368.0 | 12763.9 | 17461.4 |
| 60°   | 494.2  | 464.1  | 455.2  | 511.9  | 834.3  | 3082.0 | 12873.7 | 19321.2 |
| 62.5° | 434.0  | 418.0  | 405.6  | 465.8  | 866.2  | 1826.2 | 11989.8 | 18871.3 |
| 65°   | 364.9  | 361.3  | 352.5  | 511.9  | 729.8  | 1078.7 | 10293.0 | 17491.5 |
| 67.5° | 306.4  | 301.1  | 301.1  | 536.7  | 554.4  | 678.4  | 8041.6  | 15592.7 |
| 70°   | 263.9  | 244.4  | 244.4  | 405.6  | 336.5  | 469.4  | 5615.0  | 13543.3 |
| 72.5° | 221.4  | 200.2  | 186.0  | 324.1  | 251.5  | 343.6  | 3508.9  | 11598.4 |
| 75°   | 177.1  | 161.2  | 143.5  | 214.3  | 187.8  | 260.4  | 2038.8  | 9609.2  |
| 77.5° | 127.5  | 120.4  | 101.0  | 157.6  | 136.4  | 187.8  | 1213.3  | 7414.6  |
| 80°   | 65.5   | 67.3   | 63.8   | 90.3   | 92.1   | 127.5  | 690.8   | 5074.7  |
| 82.5° | 39.0   | 30.1   | 33.7   | 44.3   | 53.1   | 72.6   | 260.4   | 2982.8  |
| 85°   | 24.8   | 15.9   | 15.9   | 21.3   | 26.6   | 28.3   | 79.7    | 1209.8  |
| 87.5° | 12.4   | 5.3    | 7.1    | 10.6   | 8.9    | 7.1    | 3.5     | 304.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

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