

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: P954457

Luminaire Tested: **GALN-SB7C-950-U-SLL-HSS**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P954457  
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-SB7C-950-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 90 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

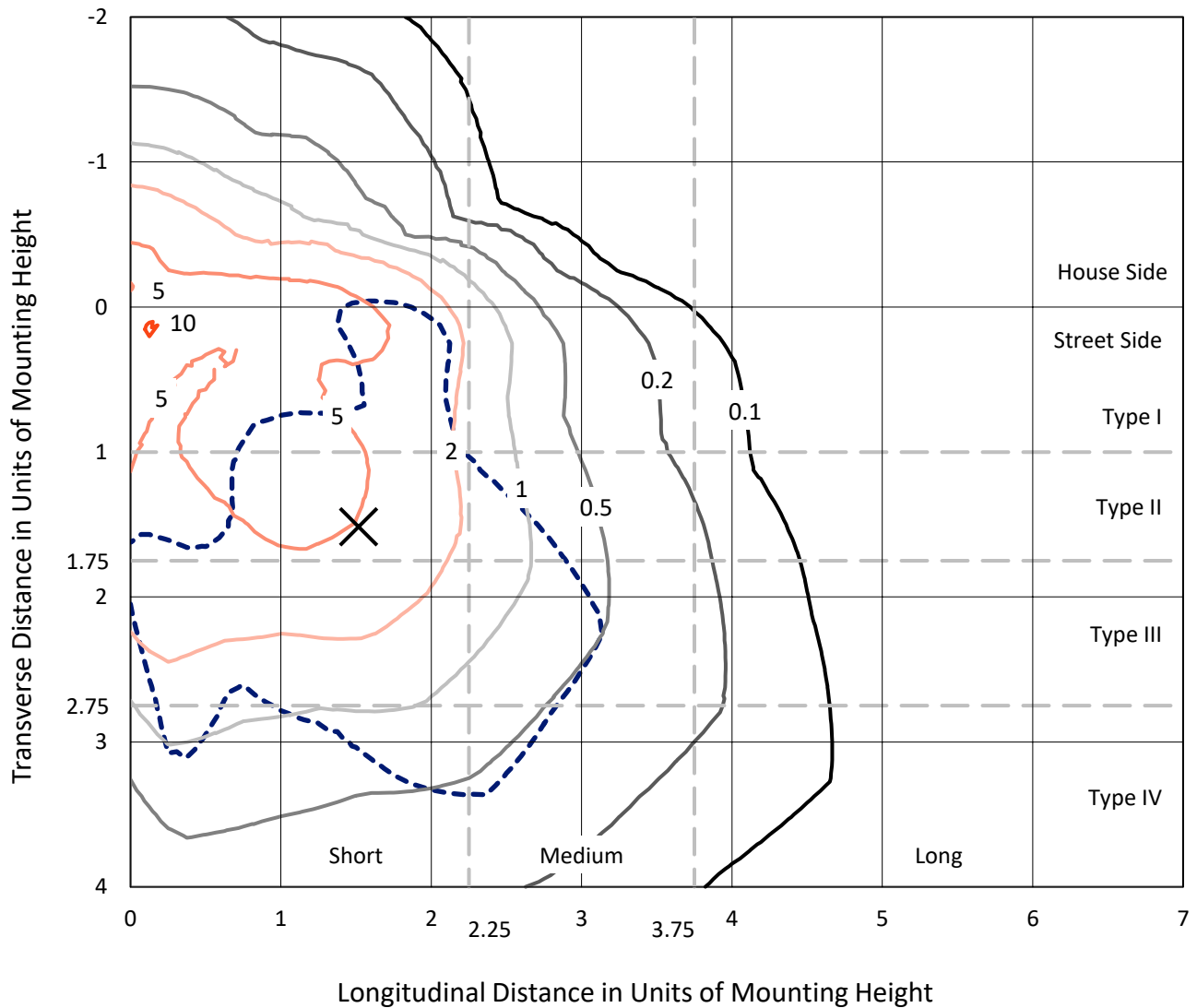
Lumens per Lamp: N/A  
Luminaire Lumens: 28277 lumens  
Efficiency: N/A  
Efficacy: 80.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 350.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

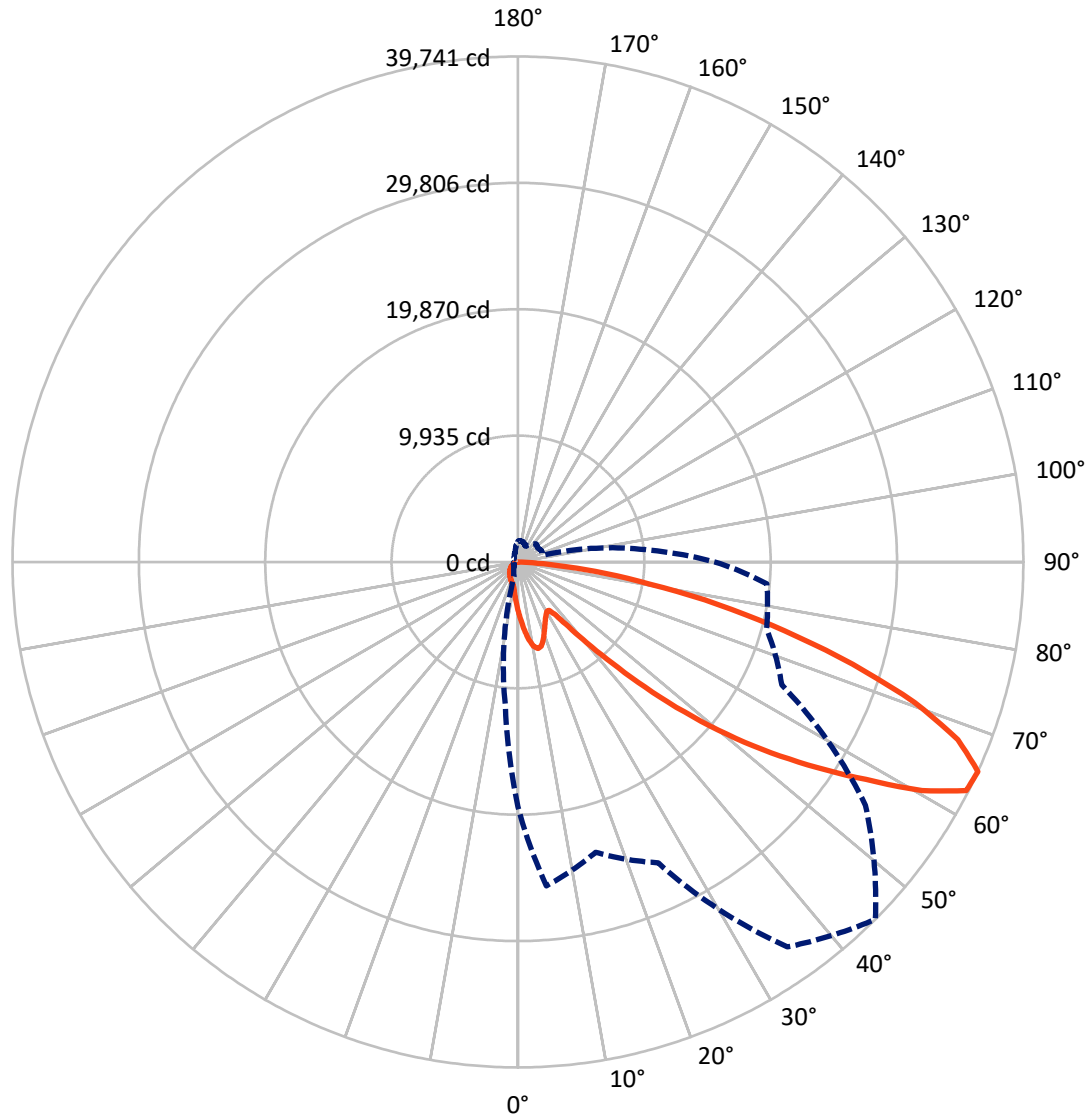
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5620.6   | 0.0    | 5620.6  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 22656.4  | 0.0    | 22656.4 |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 28277.0  | 0.0    | 28277.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 385.5   | 1.4       |
| 10°-20°   | 1155.6  | 4.1       |
| 20°-30°   | 1702.4  | 6.0       |
| 30°-40°   | 2187.1  | 7.7       |
| 40°-50°   | 3537.3  | 12.5      |
| 50°-60°   | 6202.9  | 21.9      |
| 60°-70°   | 7761.5  | 27.4      |
| 70°-80°   | 4535.5  | 16.0      |
| 80°-90°   | 809.2   | 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°    | 28277.0 | 100.0     |
| 0°-180°   | 28277.0 | 100.0     |

**Coefficient of Utilization**



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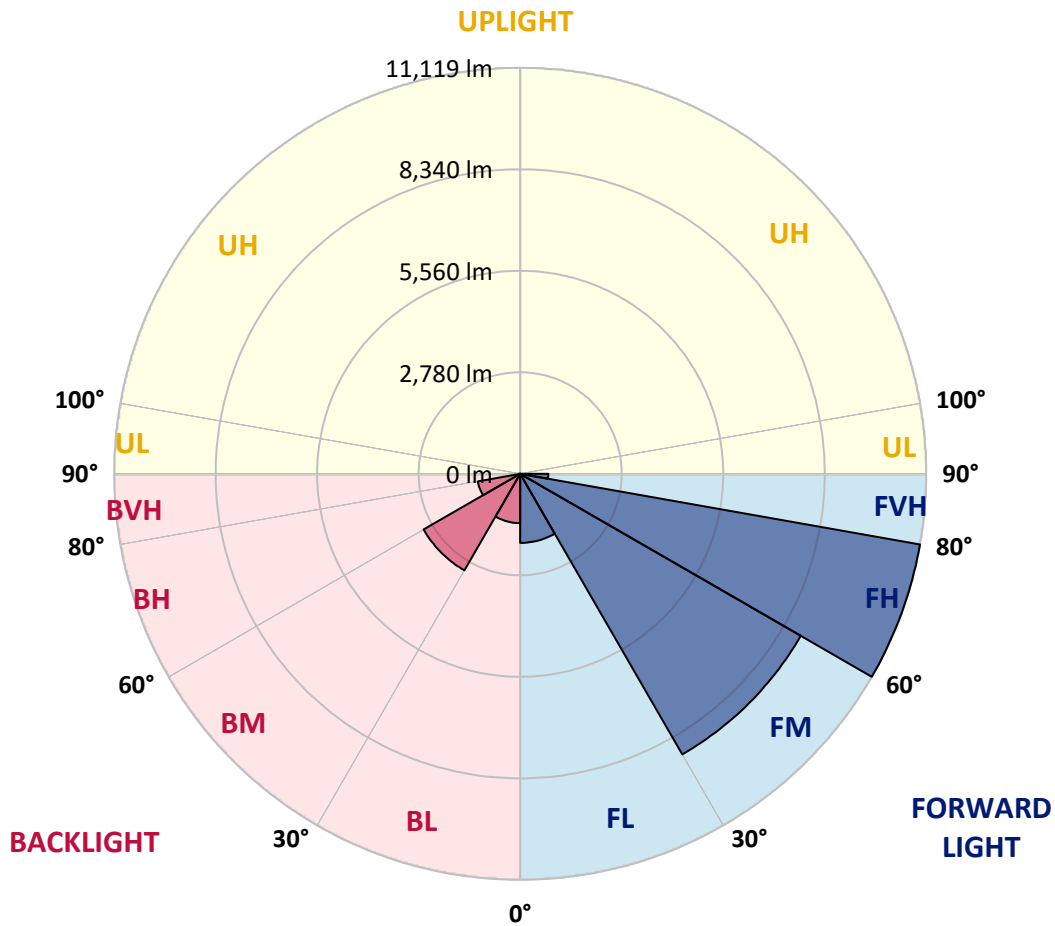
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|----------------|---------|-----------|-------------------------|------|----------|
|                |         |           | B                       | U    | G        |
| FL (0°-30°)    | 1892.1  | 6.7       |                         |      |          |
| FM (30°-60°)   | 8873.7  | 31.4      |                         |      |          |
| FH (60°-80°)   | 11119.4 | 39.3      |                         |      | G4/12000 |
| FVH (80°-90°)  | 771.3   | 2.7       |                         |      | G5       |
| BL (0°-30°)    | 1351.4  | 4.8       | B3/2500                 |      |          |
| BM (30°-60°)   | 3053.6  | 10.8      | B3/5000                 |      |          |
| BH (60°-80°)   | 1177.6  | 4.2       | B3/2500                 |      | G3/2500  |
| BVH (80°-90°)  | 37.9    | 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°    | 3915.5  | 3915.5  | 3915.5  | 3915.5  | 3915.5  | 3915.5  | 3915.5  | 3915.5  | 3915.5  | 3915.5  |
| 2.5°  | 4386.9  | 4420.0  | 4494.0  | 4533.0  | 4593.4  | 4597.3  | 4597.3  | 4544.7  | 4542.7  | 4435.6  |
| 5°    | 4903.1  | 4981.0  | 5156.3  | 5337.5  | 5376.5  | 5386.2  | 5366.7  | 5261.5  | 5183.6  | 4975.2  |
| 7.5°  | 5415.4  | 5565.4  | 5832.3  | 6073.8  | 6151.8  | 6151.8  | 6105.0  | 5933.6  | 5773.8  | 5471.9  |
| 10°   | 5840.1  | 6029.0  | 6391.4  | 6662.1  | 6751.7  | 6732.3  | 6636.8  | 6420.6  | 6200.5  | 5834.2  |
| 12.5° | 6120.6  | 6332.9  | 6730.3  | 6948.5  | 7040.0  | 6989.4  | 6880.3  | 6669.9  | 6438.1  | 6052.4  |
| 15°   | 6260.8  | 6482.9  | 6827.7  | 6942.6  | 6917.3  | 6864.7  | 6851.1  | 6749.8  | 6574.5  | 6214.1  |
| 17.5° | 6321.2  | 6527.7  | 6767.3  | 6695.2  | 6481.0  | 6440.1  | 6576.4  | 6705.0  | 6662.1  | 6354.3  |
| 20°   | 6377.7  | 6551.1  | 6623.2  | 6303.7  | 5929.7  | 5892.7  | 6153.7  | 6519.9  | 6706.9  | 6484.9  |
| 22.5° | 6455.6  | 6562.8  | 6414.7  | 5890.7  | 5487.5  | 5401.8  | 5690.1  | 6241.4  | 6720.6  | 6650.4  |
| 25°   | 6562.8  | 6592.0  | 6184.9  | 5499.2  | 5094.0  | 5008.3  | 5277.1  | 5931.6  | 6697.2  | 6829.7  |
| 27.5° | 6691.3  | 6631.0  | 5964.7  | 5171.9  | 4780.4  | 4700.5  | 4969.3  | 5633.6  | 6631.0  | 7008.9  |
| 30°   | 6858.9  | 6681.6  | 5746.6  | 4918.7  | 4556.3  | 4497.9  | 4757.0  | 5376.5  | 6549.1  | 7236.8  |
| 32.5° | 7028.3  | 6703.0  | 5544.0  | 4770.6  | 4505.7  | 4527.1  | 4739.5  | 5238.1  | 6459.5  | 7455.0  |
| 35°   | 7211.5  | 6771.2  | 5444.6  | 4916.7  | 4928.4  | 5115.4  | 5203.1  | 5366.7  | 6445.9  | 7751.1  |
| 37.5° | 7460.8  | 6923.2  | 5563.5  | 5643.3  | 6048.5  | 6436.2  | 6364.1  | 5995.9  | 6603.7  | 8193.2  |
| 40°   | 7819.2  | 7190.0  | 6081.6  | 6880.3  | 7712.1  | 8341.3  | 8066.6  | 7139.4  | 7086.8  | 8830.2  |
| 42.5° | 8341.3  | 7614.7  | 7001.1  | 8391.9  | 9802.3  | 10838.6 | 10102.3 | 8614.0  | 7932.2  | 9739.9  |
| 45°   | 9112.7  | 8302.3  | 8113.4  | 9987.3  | 12379.5 | 14011.9 | 12480.8 | 10186.0 | 9116.6  | 11117.2 |
| 47.5° | 10182.1 | 9313.3  | 9155.6  | 11668.5 | 15511.8 | 17623.5 | 15118.3 | 11643.1 | 10464.6 | 12995.0 |
| 50°   | 11602.2 | 10675.0 | 10143.2 | 13507.4 | 18946.1 | 21305.2 | 17754.0 | 13049.6 | 12009.4 | 15289.8 |
| 52.5° | 13476.2 | 12574.3 | 11294.4 | 15258.6 | 22477.9 | 24908.9 | 20401.3 | 14284.6 | 13926.2 | 17952.7 |
| 55°   | 16032.0 | 15432.0 | 12868.4 | 16930.0 | 26007.6 | 28534.2 | 22945.4 | 15449.5 | 16458.6 | 21116.2 |
| 57.5° | 19203.3 | 19631.8 | 15137.8 | 18868.2 | 29180.9 | 32270.4 | 25501.1 | 17078.0 | 19746.8 | 24653.8 |
| 60°   | 21248.7 | 25216.7 | 19483.8 | 21733.7 | 32786.6 | 36495.6 | 29003.6 | 20175.3 | 23202.5 | 25921.9 |
| 62.5° | 20753.9 | 26993.3 | 24688.8 | 25392.0 | 36102.1 | 39567.6 | 32436.0 | 23286.3 | 23853.1 | 24053.8 |
| 65°   | 19236.4 | 25559.6 | 23627.2 | 26103.1 | 36941.7 | 39740.9 | 33353.5 | 22885.0 | 20233.8 | 19637.7 |
| 67.5° | 17148.2 | 23859.0 | 21104.5 | 24217.4 | 35424.2 | 37317.6 | 31645.1 | 20243.5 | 15636.5 | 14736.5 |
| 70°   | 14894.3 | 21977.2 | 19448.7 | 22101.9 | 32531.4 | 33094.4 | 28740.6 | 17804.6 | 11500.9 | 9952.3  |
| 72.5° | 12755.4 | 20017.5 | 18315.0 | 19933.8 | 28672.5 | 27507.6 | 24959.6 | 15648.2 | 8374.4  | 7178.3  |
| 75°   | 10567.8 | 17126.7 | 16700.1 | 17358.5 | 23597.9 | 21667.5 | 20738.3 | 12956.1 | 6572.5  | 5193.3  |
| 77.5° | 8154.3  | 13382.7 | 14364.5 | 13900.9 | 16610.5 | 16094.3 | 16074.8 | 9736.1  | 4801.8  | 3465.5  |
| 80°   | 5581.0  | 9327.0  | 11222.4 | 9806.2  | 10780.2 | 10517.2 | 12106.8 | 6531.6  | 3483.0  | 2086.3  |
| 82.5° | 3280.4  | 5678.4  | 7811.4  | 4747.3  | 5960.8  | 6118.6  | 7209.5  | 3177.2  | 2049.3  | 481.2   |
| 85°   | 1330.5  | 2242.1  | 3054.4  | 1858.4  | 2875.2  | 2425.2  | 2736.9  | 892.2   | 570.8   | 11.7    |
| 87.5° | 335.1   | 716.9   | 502.6   | 208.4   | 333.1   | 305.8   | 241.6   | 109.1   | 23.4    | 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°   |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3915.5  | 0°    | 3915.5  | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 |
| 4423.9  | 2.5°  | 4347.9  | 4303.1 | 4192.1 | 4081.0 | 3991.4 | 3870.7 | 3790.8 | 3695.3 | 3603.8 | 3522.0 |
| 4930.4  | 5°    | 4807.6  | 4659.6 | 4457.0 | 4271.9 | 4083.0 | 3899.9 | 3718.7 | 3527.8 | 3352.5 | 3245.4 |
| 5358.9  | 7.5°  | 5181.7  | 4920.6 | 4651.8 | 4416.1 | 4188.2 | 3973.9 | 3734.3 | 3502.5 | 3227.8 | 3081.7 |
| 5686.2  | 10°   | 5460.2  | 5117.4 | 4764.8 | 4494.0 | 4264.1 | 4055.7 | 3853.1 | 3619.4 | 3288.2 | 3105.1 |
| 5884.9  | 12.5° | 5643.3  | 5236.2 | 4823.2 | 4513.5 | 4256.4 | 4094.7 | 4005.1 | 3913.5 | 3584.3 | 3370.0 |
| 6031.0  | 15°   | 5769.9  | 5320.0 | 4864.1 | 4468.7 | 4153.1 | 4034.3 | 4123.9 | 4229.1 | 4018.7 | 3771.3 |
| 6182.9  | 17.5° | 5908.3  | 5429.0 | 4881.7 | 4347.9 | 3952.5 | 3901.8 | 4133.6 | 4377.1 | 4367.4 | 4121.9 |
| 6327.1  | 20°   | 6054.4  | 5524.5 | 4870.0 | 4153.1 | 3709.0 | 3753.8 | 4049.9 | 4332.3 | 4451.2 | 4318.7 |
| 6492.7  | 22.5° | 6204.3  | 5616.1 | 4825.2 | 3899.9 | 3481.1 | 3621.3 | 3917.4 | 4164.8 | 4305.1 | 4264.1 |
| 6695.2  | 25°   | 6393.3  | 5744.6 | 4758.9 | 3627.2 | 3292.1 | 3486.9 | 3763.5 | 3964.2 | 4061.6 | 4059.6 |
| 6913.4  | 27.5° | 6619.3  | 5916.0 | 4723.9 | 3407.0 | 3157.7 | 3335.0 | 3580.4 | 3759.6 | 3827.8 | 3827.8 |
| 7184.2  | 30°   | 6882.2  | 6118.6 | 4684.9 | 3262.9 | 3079.8 | 3177.2 | 3368.1 | 3543.4 | 3611.6 | 3611.6 |
| 7480.3  | 32.5° | 7174.4  | 6313.4 | 4591.4 | 3175.2 | 3021.3 | 3023.3 | 3144.1 | 3303.8 | 3385.6 | 3397.3 |
| 7850.4  | 35°   | 7525.1  | 6521.9 | 4386.9 | 3105.1 | 2953.2 | 2873.3 | 2931.7 | 3064.2 | 3161.6 | 3186.9 |
| 8378.3  | 37.5° | 7984.8  | 6777.1 | 4094.7 | 3001.9 | 2848.0 | 2715.5 | 2729.1 | 2830.4 | 2937.6 | 2976.5 |
| 9106.9  | 40°   | 8602.3  | 7077.0 | 3790.8 | 2853.8 | 2699.9 | 2542.1 | 2536.3 | 2610.3 | 2715.5 | 2758.4 |
| 10092.5 | 42.5° | 9418.5  | 7437.4 | 3500.5 | 2711.6 | 2520.7 | 2359.0 | 2349.3 | 2407.7 | 2499.3 | 2544.1 |
| 11393.8 | 45°   | 10462.7 | 7879.6 | 3251.2 | 2600.6 | 2345.4 | 2185.6 | 2181.7 | 2230.4 | 2310.3 | 2357.1 |
| 13059.3 | 47.5° | 11913.9 | 8321.8 | 3081.7 | 2542.1 | 2207.1 | 2043.4 | 2051.2 | 2094.1 | 2166.2 | 2199.3 |
| 15215.7 | 50°   | 13805.4 | 8456.2 | 2996.0 | 2542.1 | 2133.0 | 1916.8 | 1955.8 | 1990.8 | 2045.4 | 2064.9 |
| 17800.7 | 52.5° | 15620.9 | 8012.1 | 2918.1 | 2557.7 | 2142.8 | 1809.7 | 1893.4 | 1918.8 | 1965.5 | 1973.3 |
| 20196.8 | 55°   | 16511.2 | 6888.1 | 2810.9 | 2561.6 | 2203.2 | 1718.1 | 1842.8 | 1889.6 | 1907.1 | 1905.1 |
| 21587.6 | 57.5° | 16205.3 | 5569.3 | 2629.8 | 2546.0 | 2244.1 | 1659.7 | 1780.5 | 1870.1 | 1881.8 | 1864.2 |
| 21322.7 | 60°   | 15132.0 | 4100.5 | 2491.5 | 2431.1 | 2228.5 | 1642.2 | 1685.0 | 1827.2 | 1844.7 | 1821.4 |
| 19281.2 | 62.5° | 13332.0 | 2846.0 | 2384.3 | 2177.9 | 2160.3 | 1636.3 | 1535.0 | 1733.7 | 1776.6 | 1743.5 |
| 15498.2 | 65°   | 10495.8 | 2010.3 | 2053.2 | 1909.0 | 2012.3 | 1605.1 | 1379.2 | 1620.7 | 1679.2 | 1628.5 |
| 11243.8 | 67.5° | 7102.4  | 1451.3 | 1663.6 | 1729.8 | 1772.7 | 1535.0 | 1266.2 | 1492.2 | 1570.1 | 1503.8 |
| 7215.4  | 70°   | 3835.6  | 1018.8 | 1098.7 | 1457.1 | 1505.8 | 1414.2 | 1164.9 | 1361.6 | 1451.3 | 1379.2 |
| 5129.1  | 72.5° | 2265.5  | 732.4  | 769.5  | 1170.7 | 1254.5 | 1244.8 | 1051.9 | 1209.7 | 1318.8 | 1233.1 |
| 3539.5  | 75°   | 1248.7  | 494.8  | 549.3  | 849.3  | 1018.8 | 960.4  | 903.9  | 1024.6 | 1135.7 | 1051.9 |
| 2218.8  | 77.5° | 559.1   | 296.1  | 381.8  | 557.1  | 800.6  | 658.4  | 699.3  | 798.7  | 901.9  | 814.3  |
| 1235.0  | 80°   | 216.2   | 165.6  | 253.2  | 303.9  | 582.4  | 364.3  | 450.0  | 588.3  | 662.3  | 592.2  |
| 268.8   | 82.5° | 27.3    | 74.0   | 109.1  | 118.8  | 339.0  | 192.9  | 261.0  | 370.1  | 364.3  | 315.6  |
| 0.0     | 85°   | 0.0     | 13.6   | 15.6   | 7.8    | 146.1  | 70.1   | 85.7   | 120.8  | 113.0  | 85.7   |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3915.5 | 0°    | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 |
| 3506.4 | 2.5°  | 3410.9 | 3340.8 | 3305.7 | 3276.5 | 3303.8 | 3319.4 | 3319.4 | 3385.6 | 3424.6 | 3440.2 |
| 3177.2 | 5°    | 3005.7 | 2875.2 | 2787.6 | 2735.0 | 2752.5 | 2772.0 | 2793.4 | 2877.2 | 2933.7 | 2970.7 |
| 2949.3 | 7.5°  | 2686.3 | 2487.6 | 2364.9 | 2300.6 | 2310.3 | 2324.0 | 2341.5 | 2423.3 | 2479.8 | 2528.5 |
| 2906.4 | 10°   | 2528.5 | 2248.0 | 2086.3 | 2008.4 | 1994.7 | 1986.9 | 1981.1 | 2029.8 | 2072.7 | 2111.6 |
| 3081.7 | 12.5° | 2536.3 | 2144.7 | 1948.0 | 1852.5 | 1811.6 | 1764.9 | 1727.9 | 1735.7 | 1762.9 | 1811.6 |
| 3395.3 | 15°   | 2635.6 | 2111.6 | 1875.9 | 1757.1 | 1688.9 | 1634.4 | 1589.6 | 1579.8 | 1589.6 | 1597.4 |
| 3753.8 | 17.5° | 2770.0 | 2107.7 | 1813.6 | 1665.5 | 1595.4 | 1550.6 | 1509.7 | 1496.1 | 1498.0 | 1507.7 |
| 3991.4 | 20°   | 2877.2 | 2096.0 | 1743.5 | 1577.9 | 1515.5 | 1476.6 | 1435.7 | 1422.0 | 1425.9 | 1427.9 |
| 4014.8 | 22.5° | 2933.7 | 2078.5 | 1665.5 | 1490.2 | 1437.6 | 1398.7 | 1361.6 | 1359.7 | 1359.7 | 1371.4 |
| 3888.2 | 25°   | 2933.7 | 2041.5 | 1595.4 | 1406.4 | 1359.7 | 1324.6 | 1279.8 | 1287.6 | 1291.5 | 1307.1 |
| 3691.4 | 27.5° | 2863.5 | 1971.4 | 1538.9 | 1334.4 | 1285.7 | 1250.6 | 1209.7 | 1219.4 | 1225.3 | 1242.8 |
| 3496.6 | 30°   | 2773.9 | 1887.6 | 1474.6 | 1266.2 | 1209.7 | 1184.4 | 1149.3 | 1153.2 | 1161.0 | 1180.5 |
| 3315.5 | 32.5° | 2678.5 | 1788.3 | 1422.0 | 1198.0 | 1141.5 | 1122.0 | 1083.1 | 1088.9 | 1096.7 | 1118.1 |
| 3136.3 | 35°   | 2573.3 | 1671.4 | 1359.7 | 1135.7 | 1079.2 | 1063.6 | 1018.8 | 1022.7 | 1034.4 | 1057.8 |
| 2943.4 | 37.5° | 2462.3 | 1575.9 | 1297.4 | 1075.3 | 1016.9 | 1001.3 | 954.5  | 958.4  | 972.0  | 999.3  |
| 2740.8 | 40°   | 2353.2 | 1482.4 | 1231.1 | 1011.0 | 952.6  | 938.9  | 888.3  | 892.2  | 907.8  | 937.0  |
| 2536.3 | 42.5° | 2234.3 | 1410.3 | 1145.4 | 944.8  | 882.4  | 868.8  | 822.1  | 827.9  | 845.4  | 874.6  |
| 2347.3 | 45°   | 2092.1 | 1363.6 | 1050.0 | 882.4  | 812.3  | 798.7  | 755.8  | 767.5  | 787.0  | 816.2  |
| 2185.6 | 47.5° | 1946.0 | 1344.1 | 970.1  | 816.2  | 740.2  | 728.5  | 693.5  | 713.0  | 734.4  | 757.8  |
| 2047.3 | 50°   | 1805.8 | 1318.8 | 888.3  | 753.9  | 677.9  | 666.2  | 642.8  | 668.2  | 689.6  | 711.0  |
| 1948.0 | 52.5° | 1646.1 | 1264.2 | 814.3  | 699.3  | 625.3  | 621.4  | 609.7  | 633.1  | 652.6  | 672.1  |
| 1862.3 | 55°   | 1480.5 | 1176.6 | 750.0  | 650.6  | 580.5  | 584.4  | 578.6  | 598.0  | 613.6  | 631.1  |
| 1784.4 | 57.5° | 1336.3 | 1065.6 | 699.3  | 598.0  | 541.5  | 553.2  | 545.4  | 555.2  | 564.9  | 586.3  |
| 1690.9 | 60°   | 1190.2 | 933.1  | 642.8  | 535.7  | 502.6  | 516.2  | 494.8  | 492.8  | 496.7  | 502.6  |
| 1552.5 | 62.5° | 993.5  | 794.8  | 572.7  | 481.2  | 459.7  | 465.6  | 424.7  | 393.5  | 393.5  | 399.3  |
| 1359.7 | 65°   | 798.7  | 666.2  | 494.8  | 418.8  | 401.3  | 397.4  | 339.0  | 296.1  | 292.2  | 309.7  |
| 1135.7 | 67.5° | 656.5  | 553.2  | 416.9  | 348.7  | 337.0  | 340.9  | 298.0  | 255.2  | 251.3  | 270.8  |
| 925.3  | 70°   | 543.5  | 446.1  | 333.1  | 268.8  | 280.5  | 298.0  | 255.2  | 214.3  | 208.4  | 226.0  |
| 751.9  | 72.5° | 432.5  | 348.7  | 255.2  | 198.7  | 231.8  | 253.2  | 208.4  | 169.5  | 165.6  | 181.2  |
| 580.5  | 75°   | 317.5  | 249.3  | 173.4  | 144.2  | 179.2  | 198.7  | 151.9  | 120.8  | 114.9  | 128.6  |
| 387.6  | 77.5° | 196.7  | 140.3  | 109.1  | 85.7   | 122.7  | 132.5  | 79.9   | 70.1   | 68.2   | 77.9   |
| 235.7  | 80°   | 91.6   | 60.4   | 52.6   | 29.2   | 44.8   | 52.6   | 33.1   | 37.0   | 39.0   | 46.8   |
| 118.8  | 82.5° | 25.3   | 9.7    | 1.9    | 0.0    | 0.0    | 15.6   | 7.8    | 15.6   | 19.5   | 29.2   |
| 9.7    | 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.9    | 9.7    | 17.5   |
| 0.0    | 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7.8    |
| 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: P954457  
 CATALOG NUMBER: GALN-SB7C-950-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

| 285°   |       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 3915.5 | 0°    | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5 | 3915.5  | 3915.5  |
| 3549.2 | 2.5°  | 3631.1 | 3709.0 | 3833.6 | 3962.2 | 4088.8 | 4217.4 | 4342.1  | 4386.9  |
| 3140.2 | 5°    | 3294.1 | 3473.3 | 3720.7 | 3985.6 | 4258.3 | 4534.9 | 4788.2  | 4903.1  |
| 2717.4 | 7.5°  | 2918.1 | 3175.2 | 3547.3 | 3962.2 | 4396.6 | 4831.0 | 5230.4  | 5415.4  |
| 2298.6 | 10°   | 2516.8 | 2842.1 | 3266.8 | 3827.8 | 4451.2 | 5051.1 | 5600.5  | 5840.1  |
| 1930.5 | 12.5° | 2135.0 | 2475.9 | 2945.4 | 3617.4 | 4408.3 | 5177.8 | 5838.1  | 6120.6  |
| 1671.4 | 15°   | 1815.5 | 2117.5 | 2623.9 | 3368.1 | 4270.0 | 5185.5 | 5951.1  | 6260.8  |
| 1527.2 | 17.5° | 1575.9 | 1772.7 | 2296.7 | 3091.5 | 4088.8 | 5113.5 | 5990.1  | 6321.2  |
| 1449.3 | 20°   | 1457.1 | 1511.6 | 1872.0 | 2736.9 | 3919.4 | 5045.3 | 6029.0  | 6377.7  |
| 1387.0 | 22.5° | 1387.0 | 1400.6 | 1531.1 | 2279.1 | 3716.8 | 5023.9 | 6097.2  | 6455.6  |
| 1330.5 | 25°   | 1330.5 | 1334.4 | 1369.4 | 1805.8 | 3407.0 | 5010.2 | 6202.4  | 6562.8  |
| 1272.0 | 27.5° | 1274.0 | 1274.0 | 1293.5 | 1455.1 | 2986.3 | 4951.8 | 6338.8  | 6691.3  |
| 1213.6 | 30°   | 1217.5 | 1217.5 | 1231.1 | 1287.6 | 2493.4 | 4836.9 | 6502.4  | 6858.9  |
| 1155.2 | 32.5° | 1159.1 | 1159.1 | 1170.7 | 1211.6 | 1990.8 | 4692.7 | 6652.4  | 7028.3  |
| 1094.8 | 35°   | 1100.6 | 1096.7 | 1112.3 | 1155.2 | 1583.7 | 4509.6 | 6802.4  | 7211.5  |
| 1034.4 | 37.5° | 1038.3 | 1036.3 | 1051.9 | 1100.6 | 1367.5 | 4297.3 | 6915.4  | 7460.8  |
| 974.0  | 40°   | 972.0  | 972.0  | 989.6  | 1042.2 | 1305.2 | 4030.4 | 7094.6  | 7819.2  |
| 911.7  | 42.5° | 911.7  | 907.8  | 927.2  | 991.5  | 1258.4 | 3775.2 | 7416.0  | 8341.3  |
| 855.2  | 45°   | 853.2  | 845.4  | 863.0  | 942.8  | 1176.6 | 3685.6 | 8016.0  | 9112.7  |
| 800.6  | 47.5° | 798.7  | 779.2  | 794.8  | 884.4  | 1102.6 | 4020.7 | 8997.8  | 10182.1 |
| 751.9  | 50°   | 753.9  | 716.9  | 730.5  | 825.9  | 1046.1 | 4747.3 | 10271.8 | 11602.2 |
| 707.1  | 52.5° | 707.1  | 658.4  | 666.2  | 753.9  | 995.4  | 5438.8 | 11652.9 | 13476.2 |
| 662.3  | 55°   | 658.4  | 603.9  | 607.8  | 681.8  | 923.3  | 5542.0 | 13000.9 | 16032.0 |
| 611.7  | 57.5° | 603.9  | 553.2  | 553.2  | 615.6  | 870.8  | 4803.7 | 14037.2 | 19203.3 |
| 549.3  | 60°   | 543.5  | 510.4  | 500.6  | 563.0  | 917.5  | 3389.5 | 14158.0 | 21248.7 |
| 469.5  | 62.5° | 477.3  | 459.7  | 446.1  | 512.3  | 952.6  | 2008.4 | 13185.9 | 20753.9 |
| 370.1  | 65°   | 401.3  | 397.4  | 387.6  | 563.0  | 802.6  | 1186.3 | 11319.8 | 19236.4 |
| 315.6  | 67.5° | 337.0  | 331.2  | 331.2  | 590.2  | 609.7  | 746.1  | 8843.9  | 17148.2 |
| 268.8  | 70°   | 290.3  | 268.8  | 268.8  | 446.1  | 370.1  | 516.2  | 6175.1  | 14894.3 |
| 222.1  | 72.5° | 243.5  | 220.1  | 204.5  | 356.5  | 276.6  | 377.9  | 3859.0  | 12755.4 |
| 169.5  | 75°   | 194.8  | 177.3  | 157.8  | 235.7  | 206.5  | 286.4  | 2242.1  | 10567.8 |
| 107.1  | 77.5° | 140.3  | 132.5  | 111.0  | 173.4  | 150.0  | 206.5  | 1334.4  | 8154.3  |
| 66.2   | 80°   | 72.1   | 74.0   | 70.1   | 99.3   | 101.3  | 140.3  | 759.7   | 5581.0  |
| 42.9   | 82.5° | 42.9   | 33.1   | 37.0   | 48.7   | 58.4   | 79.9   | 286.4   | 3280.4  |
| 31.2   | 85°   | 27.3   | 17.5   | 17.5   | 23.4   | 29.2   | 31.2   | 87.7    | 1330.5  |
| 15.6   | 87.5° | 13.6   | 5.8    | 7.8    | 11.7   | 9.7    | 7.8    | 3.9     | 335.1   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

(END OF REPORT)