

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: P956158

Luminaire Tested: **GALN-SB8D-927-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956158
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-SB8D-927-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 90 CRI, 2700K, 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: 38226 lumens
Efficiency: N/A
Efficacy: 65.4 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

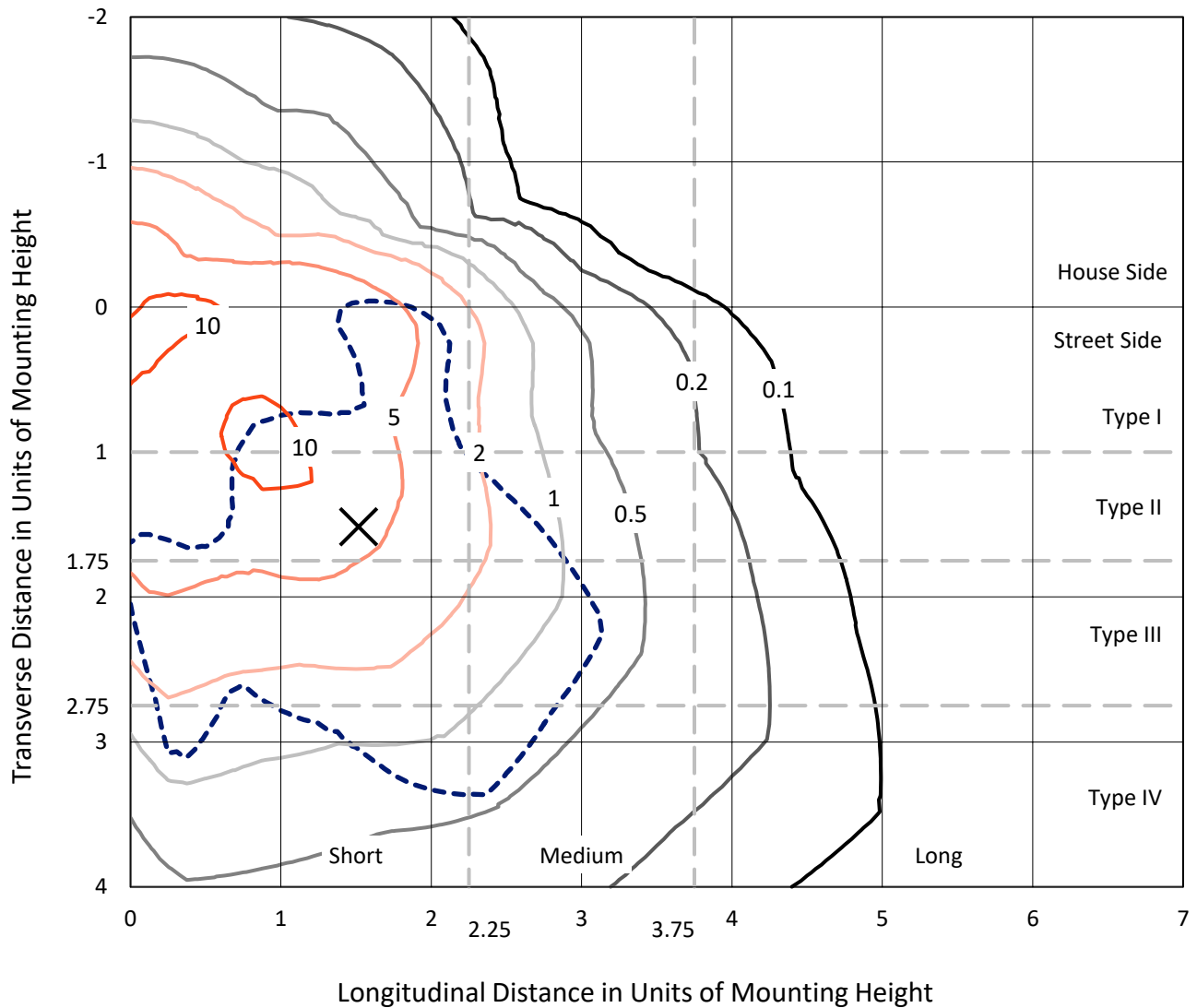
Input Watts (W): 584.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P956158
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Iso-Footcandle Lines of Horizontal Illumination

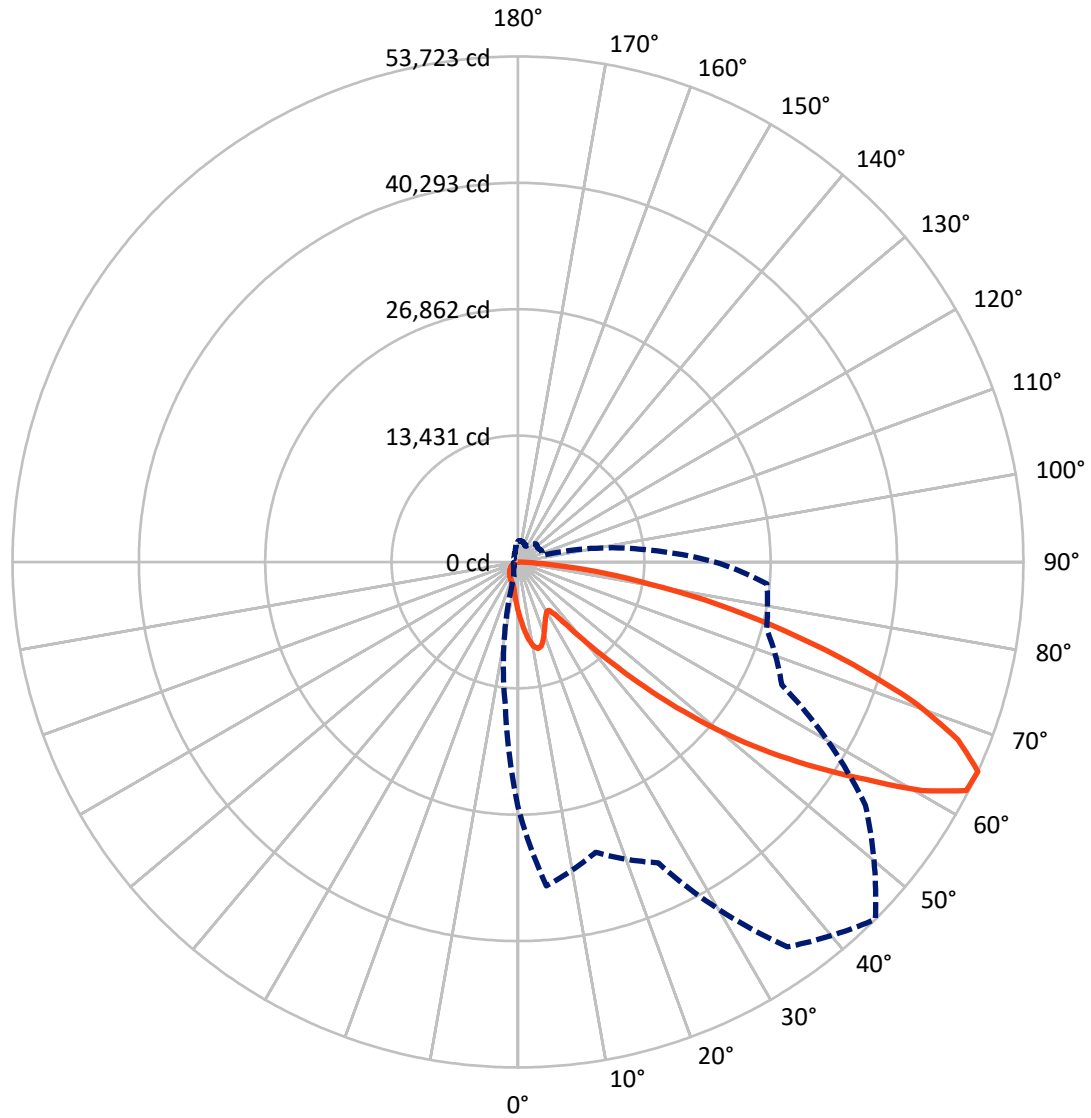
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.9 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 |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 7598.2 | 0.0 | 7598.2 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 30627.8 | 0.0 | 30627.8 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 38226.0 | 0.0 | 38226.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 521.1 | 1.4 |
| 10°-20° | 1562.2 | 4.1 |
| 20°-30° | 2301.4 | 6.0 |
| 30°-40° | 2956.7 | 7.7 |
| 40°-50° | 4781.8 | 12.5 |
| 50°-60° | 8385.3 | 21.9 |
| 60°-70° | 10492.4 | 27.4 |
| 70°-80° | 6131.3 | 16.0 |
| 80°-90° | 1093.9 | 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° | 38226.0 | 100.0 |
| 0°-180° | 38226.0 | 100.0 |



REPORT NUMBER: P956158

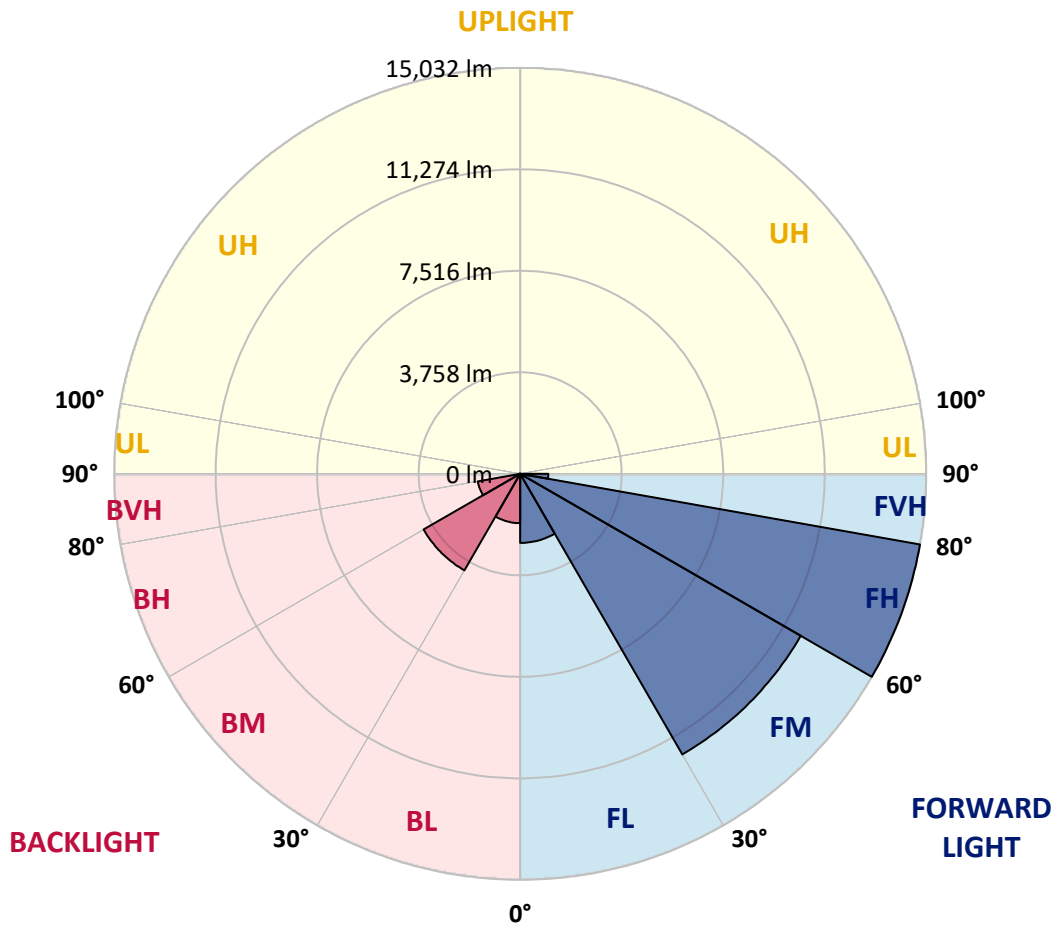
CATALOG NUMBER: GALN-SB8D-927-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2557.8 | 6.7 | | | |
| FM (30°-60°) | 11995.8 | 31.4 | | | |
| FH (60°-80°) | 15031.7 | 39.3 | | | G5 |
| FVH (80°-90°) | 1042.6 | 2.7 | | | G5 |
| BL (0°-30°) | 1826.9 | 4.8 | B3/2500 | | |
| BM (30°-60°) | 4128.0 | 10.8 | B3/5000 | | |
| BH (60°-80°) | 1592.0 | 4.2 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 51.3 | 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



REPORT NUMBER: P956158
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 |
| 2.5° | 5930.4 | 5975.1 | 6075.2 | 6127.9 | 6209.5 | 6214.8 | 6214.8 | 6143.7 | 6141.0 | 5996.2 |
| 5° | 6628.2 | 6733.5 | 6970.5 | 7215.4 | 7268.1 | 7281.3 | 7254.9 | 7112.7 | 7007.4 | 6725.6 |
| 7.5° | 7320.8 | 7523.5 | 7884.3 | 8210.9 | 8316.2 | 8316.2 | 8253.0 | 8021.3 | 7805.3 | 7397.1 |
| 10° | 7894.8 | 8150.3 | 8640.1 | 9006.1 | 9127.3 | 9100.9 | 8971.9 | 8679.6 | 8382.0 | 7886.9 |
| 12.5° | 8274.1 | 8561.1 | 9098.3 | 9393.2 | 9517.0 | 9448.5 | 9301.1 | 9016.7 | 8703.3 | 8181.9 |
| 15° | 8463.7 | 8763.9 | 9230.0 | 9385.3 | 9351.1 | 9280.0 | 9261.6 | 9124.6 | 8887.6 | 8400.5 |
| 17.5° | 8545.3 | 8824.4 | 9148.3 | 9050.9 | 8761.2 | 8705.9 | 8890.3 | 9064.1 | 9006.1 | 8590.1 |
| 20° | 8621.7 | 8856.0 | 8953.5 | 8521.6 | 8016.0 | 7966.0 | 8318.8 | 8813.9 | 9066.7 | 8766.5 |
| 22.5° | 8727.0 | 8871.8 | 8671.7 | 7963.3 | 7418.2 | 7302.3 | 7692.1 | 8437.3 | 9085.1 | 8990.3 |
| 25° | 8871.8 | 8911.3 | 8361.0 | 7434.0 | 6886.3 | 6770.4 | 7133.8 | 8018.6 | 9053.5 | 9232.6 |
| 27.5° | 9045.6 | 8964.0 | 8063.4 | 6991.6 | 6462.3 | 6354.3 | 6717.7 | 7615.7 | 8964.0 | 9474.9 |
| 30° | 9272.1 | 9032.5 | 7768.4 | 6649.3 | 6159.5 | 6080.5 | 6430.7 | 7268.1 | 8853.4 | 9783.0 |
| 32.5° | 9501.2 | 9061.4 | 7494.6 | 6449.1 | 6091.0 | 6120.0 | 6407.0 | 7081.1 | 8732.3 | 10077.9 |
| 35° | 9748.7 | 9153.6 | 7360.3 | 6646.6 | 6662.4 | 6915.2 | 7033.7 | 7254.9 | 8713.8 | 10478.2 |
| 37.5° | 10085.8 | 9359.0 | 7520.9 | 7628.9 | 8176.6 | 8700.7 | 8603.2 | 8105.5 | 8927.1 | 11076.0 |
| 40° | 10570.4 | 9719.8 | 8221.4 | 9301.1 | 10425.5 | 11276.1 | 10904.8 | 9651.3 | 9580.2 | 11937.1 |
| 42.5° | 11276.1 | 10293.9 | 9464.3 | 11344.6 | 13251.1 | 14652.1 | 13656.7 | 11644.8 | 10723.1 | 13166.9 |
| 45° | 12318.9 | 11223.4 | 10968.0 | 13501.3 | 16735.1 | 18941.8 | 16872.0 | 13769.9 | 12324.2 | 15028.7 |
| 47.5° | 13764.6 | 12590.2 | 12376.8 | 15773.9 | 20969.5 | 23824.1 | 20437.6 | 15739.7 | 14146.5 | 17567.2 |
| 50° | 15684.4 | 14430.9 | 13712.0 | 18259.8 | 25612.2 | 28801.2 | 24000.6 | 17641.0 | 16234.7 | 20669.3 |
| 52.5° | 18217.7 | 16998.4 | 15268.3 | 20627.2 | 30386.5 | 33672.9 | 27579.3 | 19310.5 | 18826.0 | 24269.2 |
| 55° | 21672.7 | 20861.6 | 17396.1 | 22886.6 | 35158.2 | 38573.6 | 31018.5 | 20885.3 | 22249.4 | 28545.8 |
| 57.5° | 25959.8 | 26539.1 | 20463.9 | 25506.8 | 39447.9 | 43624.4 | 34473.5 | 23086.8 | 26694.5 | 33328.0 |
| 60° | 28724.8 | 34089.0 | 26339.0 | 29380.5 | 44322.3 | 49336.2 | 39208.3 | 27273.8 | 31366.1 | 35042.3 |
| 62.5° | 28055.9 | 36490.6 | 33375.4 | 34326.0 | 48804.3 | 53489.1 | 43848.3 | 31479.3 | 32245.6 | 32516.9 |
| 65° | 26004.5 | 34552.5 | 31940.2 | 35287.2 | 49939.3 | 53723.4 | 45088.6 | 30936.9 | 27352.8 | 26547.0 |
| 67.5° | 23181.6 | 32253.5 | 28530.0 | 32738.1 | 47887.9 | 50447.5 | 42779.1 | 27366.0 | 21138.1 | 19921.5 |
| 70° | 20134.8 | 29709.7 | 26291.6 | 29878.2 | 43977.3 | 44738.4 | 38852.8 | 24069.0 | 15547.4 | 13453.9 |
| 72.5° | 17243.3 | 27060.5 | 24759.0 | 26947.3 | 38760.6 | 37185.8 | 33741.4 | 21153.9 | 11320.9 | 9704.0 |
| 75° | 14286.0 | 23152.6 | 22575.9 | 23466.0 | 31900.7 | 29291.0 | 28034.9 | 17514.6 | 8885.0 | 7020.6 |
| 77.5° | 11023.3 | 18091.3 | 19418.5 | 18791.7 | 22454.8 | 21756.9 | 21730.6 | 13161.6 | 6491.3 | 4684.8 |
| 80° | 7544.6 | 12608.6 | 15170.9 | 13256.4 | 14573.1 | 14217.6 | 16366.4 | 8829.7 | 4708.5 | 2820.3 |
| 82.5° | 4434.6 | 7676.3 | 10559.8 | 6417.5 | 8058.1 | 8271.4 | 9746.1 | 4295.0 | 2770.3 | 650.4 |
| 85° | 1798.6 | 3031.0 | 4129.1 | 2512.2 | 3886.9 | 3278.5 | 3699.9 | 1206.1 | 771.6 | 15.8 |
| 87.5° | 452.9 | 969.1 | 679.4 | 281.8 | 450.3 | 413.4 | 326.5 | 147.5 | 31.6 | 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: P956158
 CATALOG NUMBER: GALN-SB8D-927-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---------|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5293.1 | 0° | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 |
| 5980.4 | 2.5° | 5877.7 | 5817.1 | 5667.0 | 5516.9 | 5395.8 | 5232.5 | 5124.5 | 4995.5 | 4871.7 | 4761.1 |
| 6665.1 | 5° | 6499.2 | 6299.0 | 6025.2 | 5775.0 | 5519.5 | 5272.0 | 5027.1 | 4769.0 | 4532.0 | 4387.2 |
| 7244.4 | 7.5° | 7004.8 | 6651.9 | 6288.5 | 5969.9 | 5661.7 | 5372.1 | 5048.2 | 4734.8 | 4363.5 | 4166.0 |
| 7686.8 | 10° | 7381.3 | 6917.9 | 6441.2 | 6075.2 | 5764.5 | 5482.7 | 5208.8 | 4892.8 | 4445.1 | 4197.6 |
| 7955.4 | 12.5° | 7628.9 | 7078.5 | 6520.2 | 6101.5 | 5753.9 | 5535.3 | 5414.2 | 5290.4 | 4845.4 | 4555.7 |
| 8152.9 | 15° | 7800.0 | 7191.7 | 6575.5 | 6041.0 | 5614.3 | 5453.7 | 5574.8 | 5717.1 | 5432.6 | 5098.2 |
| 8358.3 | 17.5° | 7987.0 | 7339.2 | 6599.2 | 5877.7 | 5343.1 | 5274.6 | 5588.0 | 5917.2 | 5904.0 | 5572.2 |
| 8553.2 | 20° | 8184.5 | 7468.2 | 6583.4 | 5614.3 | 5013.9 | 5074.5 | 5474.8 | 5856.6 | 6017.3 | 5838.2 |
| 8777.0 | 22.5° | 8387.3 | 7592.0 | 6522.9 | 5272.0 | 4705.8 | 4895.4 | 5295.7 | 5630.1 | 5819.8 | 5764.5 |
| 9050.9 | 25° | 8642.7 | 7765.8 | 6433.3 | 4903.3 | 4450.4 | 4713.7 | 5087.7 | 5358.9 | 5490.6 | 5487.9 |
| 9345.8 | 27.5° | 8948.2 | 7997.6 | 6385.9 | 4605.8 | 4268.7 | 4508.3 | 4840.1 | 5082.4 | 5174.6 | 5174.6 |
| 9711.9 | 30° | 9303.7 | 8271.4 | 6333.3 | 4410.9 | 4163.4 | 4295.0 | 4553.1 | 4790.1 | 4882.3 | 4882.3 |
| 10112.1 | 32.5° | 9698.7 | 8534.8 | 6206.9 | 4292.4 | 4084.4 | 4087.0 | 4250.3 | 4466.2 | 4576.8 | 4592.6 |
| 10612.5 | 35° | 10172.7 | 8816.5 | 5930.4 | 4197.6 | 3992.2 | 3884.2 | 3963.2 | 4142.3 | 4274.0 | 4308.2 |
| 11326.1 | 37.5° | 10794.2 | 9161.5 | 5535.3 | 4058.0 | 3850.0 | 3670.9 | 3689.4 | 3826.3 | 3971.1 | 4023.8 |
| 12311.0 | 40° | 11629.0 | 9567.0 | 5124.5 | 3857.9 | 3649.9 | 3436.6 | 3428.7 | 3528.7 | 3670.9 | 3728.9 |
| 13643.5 | 42.5° | 12732.4 | 10054.2 | 4732.2 | 3665.7 | 3407.6 | 3189.0 | 3175.8 | 3254.8 | 3378.6 | 3439.2 |
| 15402.6 | 45° | 14143.8 | 10652.0 | 4395.1 | 3515.6 | 3170.6 | 2954.6 | 2949.4 | 3015.2 | 3123.2 | 3186.4 |
| 17654.1 | 47.5° | 16105.7 | 11249.8 | 4166.0 | 3436.6 | 2983.6 | 2762.4 | 2772.9 | 2830.9 | 2928.3 | 2973.1 |
| 20569.3 | 50° | 18662.7 | 11431.5 | 4050.1 | 3436.6 | 2883.5 | 2591.2 | 2643.9 | 2691.3 | 2765.0 | 2791.4 |
| 24063.8 | 52.5° | 21117.0 | 10831.1 | 3944.8 | 3457.6 | 2896.7 | 2446.4 | 2559.6 | 2593.9 | 2657.1 | 2667.6 |
| 27302.8 | 55° | 22320.5 | 9311.6 | 3800.0 | 3462.9 | 2978.3 | 2322.6 | 2491.2 | 2554.4 | 2578.1 | 2575.4 |
| 29183.0 | 57.5° | 21907.0 | 7528.8 | 3555.1 | 3441.8 | 3033.6 | 2243.6 | 2406.9 | 2528.0 | 2543.8 | 2520.1 |
| 28824.9 | 60° | 20456.0 | 5543.2 | 3368.1 | 3286.4 | 3012.6 | 2219.9 | 2277.9 | 2470.1 | 2493.8 | 2462.2 |
| 26065.1 | 62.5° | 18022.8 | 3847.4 | 3223.2 | 2944.1 | 2920.4 | 2212.0 | 2075.1 | 2343.7 | 2401.6 | 2356.9 |
| 20951.1 | 65° | 14188.6 | 2717.6 | 2775.6 | 2580.7 | 2720.3 | 2169.9 | 1864.4 | 2191.0 | 2270.0 | 2201.5 |
| 15199.8 | 67.5° | 9601.3 | 1961.9 | 2248.9 | 2338.4 | 2396.4 | 2075.1 | 1711.7 | 2017.2 | 2122.5 | 2033.0 |
| 9754.0 | 70° | 5185.1 | 1377.3 | 1485.2 | 1969.8 | 2035.6 | 1911.8 | 1574.8 | 1840.7 | 1961.9 | 1864.4 |
| 6933.7 | 72.5° | 3062.6 | 990.1 | 1040.2 | 1582.7 | 1695.9 | 1682.7 | 1422.0 | 1635.3 | 1782.8 | 1666.9 |
| 4784.8 | 75° | 1688.0 | 668.9 | 742.6 | 1148.2 | 1377.3 | 1298.3 | 1221.9 | 1385.2 | 1535.3 | 1422.0 |
| 2999.4 | 77.5° | 755.8 | 400.3 | 516.1 | 753.1 | 1082.3 | 890.1 | 945.4 | 1079.7 | 1219.3 | 1100.7 |
| 1669.6 | 80° | 292.3 | 223.8 | 342.3 | 410.8 | 787.4 | 492.4 | 608.3 | 795.3 | 895.3 | 800.5 |
| 363.4 | 82.5° | 36.9 | 100.1 | 147.5 | 160.6 | 458.2 | 260.7 | 352.9 | 500.3 | 492.4 | 426.6 |
| 0.0 | 85° | 0.0 | 18.4 | 21.1 | 10.5 | 197.5 | 94.8 | 115.9 | 163.3 | 152.7 | 115.9 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 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 |

REPORT NUMBER: P956158
 CATALOG NUMBER: GALN-SB8D-927-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| 185° | | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5293.1 | 0° | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 | 5293.1 |
| 4740.1 | 2.5° | 4611.0 | 4516.2 | 4468.8 | 4429.3 | 4466.2 | 4487.3 | 4487.3 | 4576.8 | 4629.5 | 4650.5 |
| 4295.0 | 5° | 4063.3 | 3886.9 | 3768.4 | 3697.3 | 3721.0 | 3747.3 | 3776.3 | 3889.5 | 3965.9 | 4015.9 |
| 3986.9 | 7.5° | 3631.4 | 3362.8 | 3196.9 | 3110.0 | 3123.2 | 3141.6 | 3165.3 | 3275.9 | 3352.3 | 3418.1 |
| 3929.0 | 10° | 3418.1 | 3038.9 | 2820.3 | 2715.0 | 2696.6 | 2686.0 | 2678.1 | 2744.0 | 2801.9 | 2854.6 |
| 4166.0 | 12.5° | 3428.7 | 2899.3 | 2633.4 | 2504.3 | 2449.0 | 2385.8 | 2335.8 | 2346.3 | 2383.2 | 2449.0 |
| 4590.0 | 15° | 3563.0 | 2854.6 | 2535.9 | 2375.3 | 2283.1 | 2209.4 | 2148.8 | 2135.7 | 2148.8 | 2159.4 |
| 5074.5 | 17.5° | 3744.7 | 2849.3 | 2451.7 | 2251.5 | 2156.7 | 2096.2 | 2040.9 | 2022.4 | 2025.1 | 2038.2 |
| 5395.8 | 20° | 3889.5 | 2833.5 | 2356.9 | 2133.0 | 2048.8 | 1996.1 | 1940.8 | 1922.4 | 1927.6 | 1930.3 |
| 5427.4 | 22.5° | 3965.9 | 2809.8 | 2251.5 | 2014.5 | 1943.4 | 1890.8 | 1840.7 | 1838.1 | 1838.1 | 1853.9 |
| 5256.2 | 25° | 3965.9 | 2759.8 | 2156.7 | 1901.3 | 1838.1 | 1790.7 | 1730.1 | 1740.7 | 1745.9 | 1767.0 |
| 4990.2 | 27.5° | 3871.1 | 2665.0 | 2080.4 | 1803.9 | 1738.0 | 1690.6 | 1635.3 | 1648.5 | 1656.4 | 1680.1 |
| 4726.9 | 30° | 3749.9 | 2551.7 | 1993.5 | 1711.7 | 1635.3 | 1601.1 | 1553.7 | 1559.0 | 1569.5 | 1595.8 |
| 4482.0 | 32.5° | 3620.9 | 2417.4 | 1922.4 | 1619.5 | 1543.2 | 1516.8 | 1464.2 | 1472.1 | 1482.6 | 1511.6 |
| 4239.7 | 35° | 3478.7 | 2259.4 | 1838.1 | 1535.3 | 1458.9 | 1437.8 | 1377.3 | 1382.5 | 1398.3 | 1429.9 |
| 3979.0 | 37.5° | 3328.6 | 2130.4 | 1753.8 | 1453.6 | 1374.6 | 1353.6 | 1290.4 | 1295.6 | 1314.1 | 1350.9 |
| 3705.2 | 40° | 3181.1 | 2004.0 | 1664.3 | 1366.7 | 1287.7 | 1269.3 | 1200.8 | 1206.1 | 1227.2 | 1266.7 |
| 3428.7 | 42.5° | 3020.5 | 1906.6 | 1548.4 | 1277.2 | 1192.9 | 1174.5 | 1111.3 | 1119.2 | 1142.9 | 1182.4 |
| 3173.2 | 45° | 2828.2 | 1843.4 | 1419.4 | 1192.9 | 1098.1 | 1079.7 | 1021.7 | 1037.5 | 1063.9 | 1103.4 |
| 2954.6 | 47.5° | 2630.7 | 1817.0 | 1311.4 | 1103.4 | 1000.7 | 984.9 | 937.5 | 963.8 | 992.8 | 1024.4 |
| 2767.7 | 50° | 2441.1 | 1782.8 | 1200.8 | 1019.1 | 916.4 | 900.6 | 869.0 | 903.2 | 932.2 | 961.2 |
| 2633.4 | 52.5° | 2225.2 | 1709.1 | 1100.7 | 945.4 | 845.3 | 840.0 | 824.2 | 855.8 | 882.2 | 908.5 |
| 2517.5 | 55° | 2001.4 | 1590.6 | 1013.8 | 879.5 | 784.7 | 790.0 | 782.1 | 808.4 | 829.5 | 853.2 |
| 2412.2 | 57.5° | 1806.5 | 1440.5 | 945.4 | 808.4 | 732.1 | 747.9 | 737.3 | 750.5 | 763.7 | 792.6 |
| 2285.8 | 60° | 1609.0 | 1261.4 | 869.0 | 724.2 | 679.4 | 697.8 | 668.9 | 666.2 | 671.5 | 679.4 |
| 2098.8 | 62.5° | 1343.0 | 1074.4 | 774.2 | 650.4 | 621.5 | 629.4 | 574.1 | 531.9 | 531.9 | 539.8 |
| 1838.1 | 65° | 1079.7 | 900.6 | 668.9 | 566.2 | 542.5 | 537.2 | 458.2 | 400.3 | 395.0 | 418.7 |
| 1535.3 | 67.5° | 887.4 | 747.9 | 563.5 | 471.4 | 455.6 | 460.8 | 402.9 | 345.0 | 339.7 | 366.0 |
| 1250.9 | 70° | 734.7 | 603.0 | 450.3 | 363.4 | 379.2 | 402.9 | 345.0 | 289.7 | 281.8 | 305.5 |
| 1016.5 | 72.5° | 584.6 | 471.4 | 345.0 | 268.6 | 313.4 | 342.3 | 281.8 | 229.1 | 223.8 | 244.9 |
| 784.7 | 75° | 429.2 | 337.1 | 234.4 | 194.9 | 242.3 | 268.6 | 205.4 | 163.3 | 155.4 | 173.8 |
| 524.0 | 77.5° | 266.0 | 189.6 | 147.5 | 115.9 | 165.9 | 179.1 | 108.0 | 94.8 | 92.2 | 105.3 |
| 318.6 | 80° | 123.8 | 81.6 | 71.1 | 39.5 | 60.6 | 71.1 | 44.8 | 50.0 | 52.7 | 63.2 |
| 160.6 | 82.5° | 34.2 | 13.2 | 2.6 | 0.0 | 0.0 | 21.1 | 10.5 | 21.1 | 26.3 | 39.5 |
| 13.2 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 13.2 | 23.7 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.5 |
| 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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| 426.6 | 67.5° | 455.6 | 447.7 | 447.7 | 797.9 | 824.2 | 1008.6 | 11955.5 | 23181.6 |
| 363.4 | 70° | 392.4 | 363.4 | 363.4 | 603.0 | 500.3 | 697.8 | 8347.8 | 20134.8 |
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