

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: P954543

Luminaire Tested: **GALN-SB7D-735-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954543
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-SB7D-735-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 55231 lumens
Efficiency: N/A
Efficacy: 107.7 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

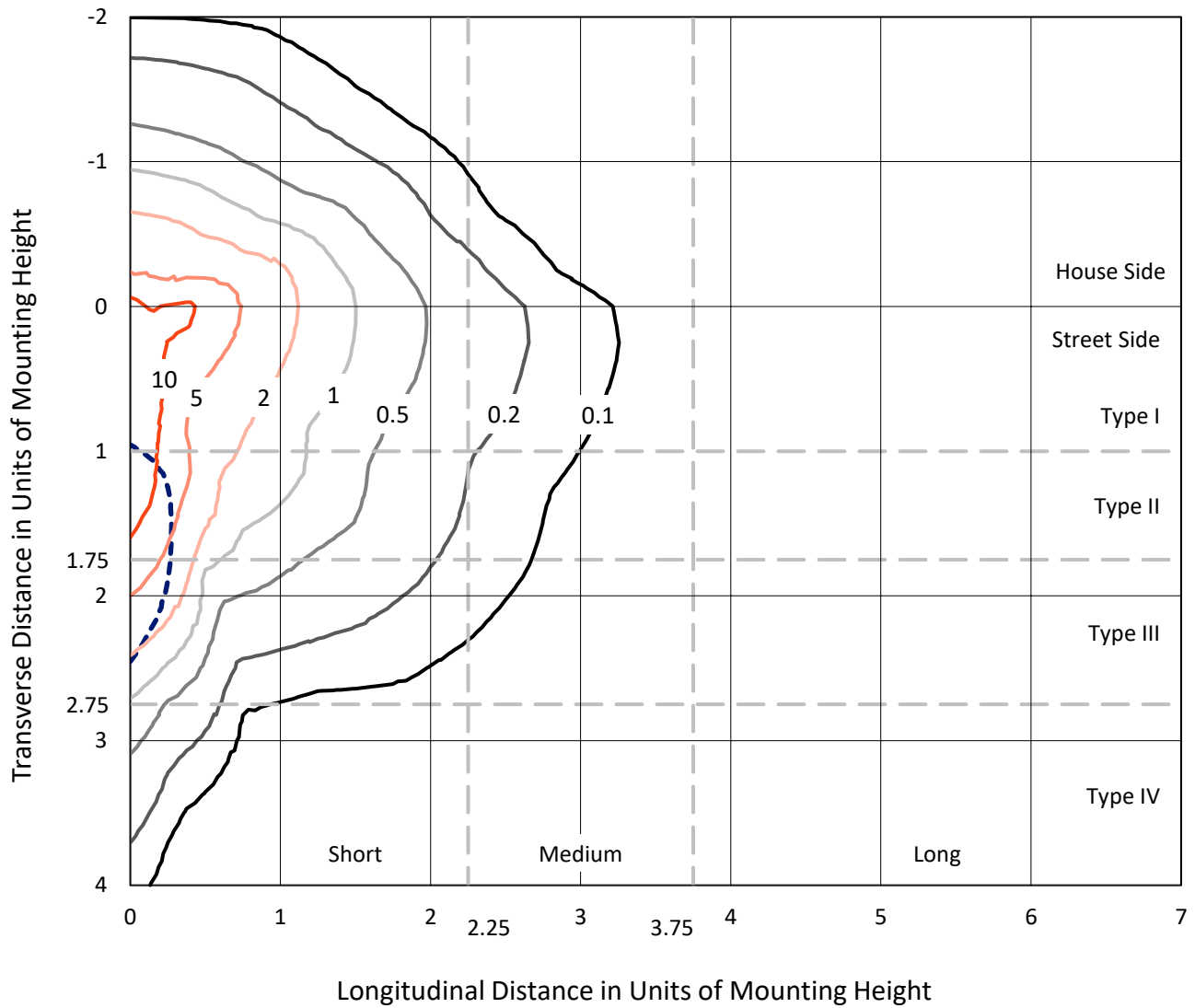
Input Watts (W): 512.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

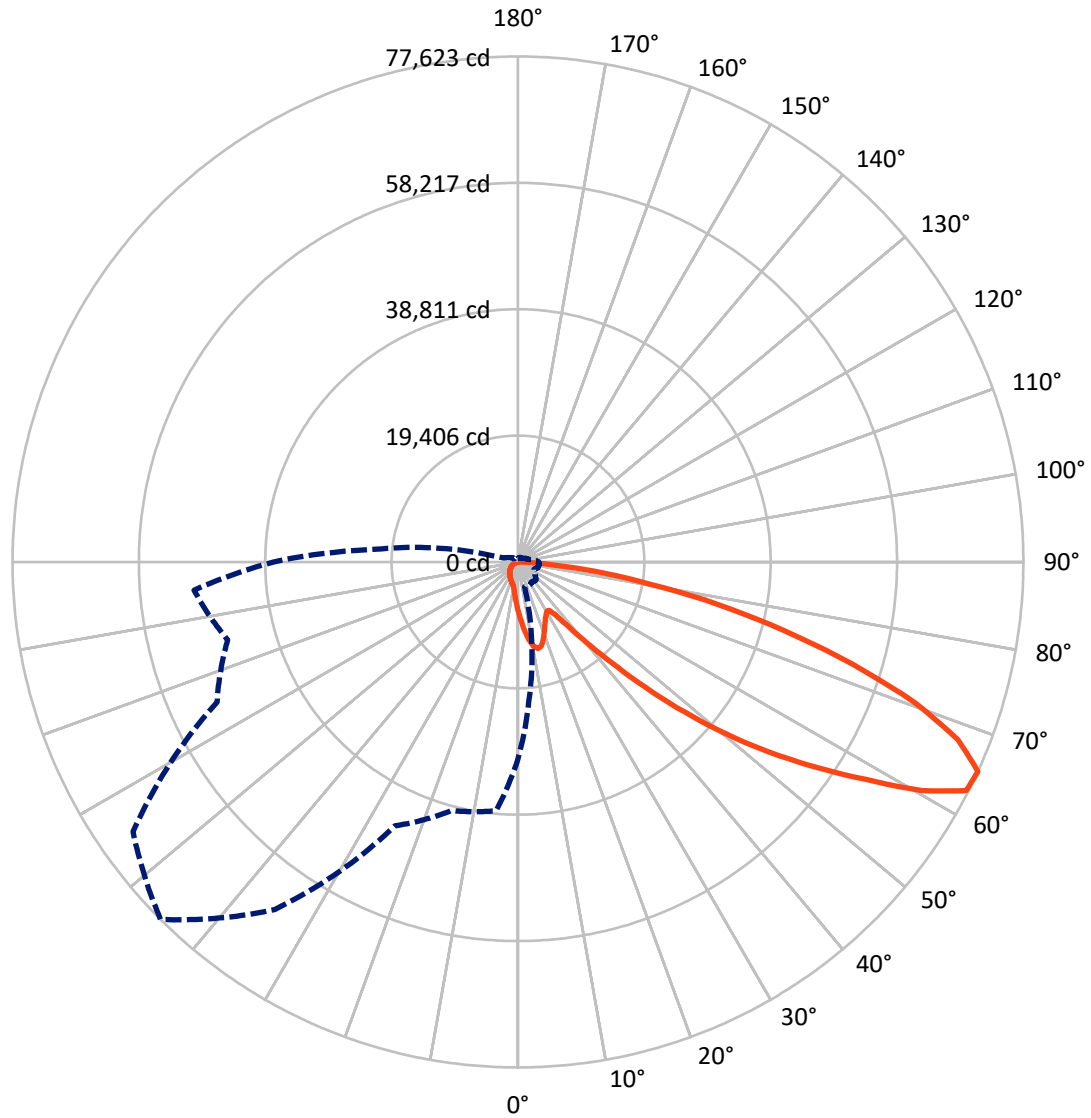
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 7734.7 | 0.0 | 7734.7 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 47496.3 | 0.0 | 47496.3 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 55231.0 | 0.0 | 55231.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 752.9 | 1.4 |
| 10°-20° | 2257.1 | 4.1 |
| 20°-30° | 3325.2 | 6.0 |
| 30°-40° | 4271.9 | 7.7 |
| 40°-50° | 6909.0 | 12.5 |
| 50°-60° | 12115.6 | 21.9 |
| 60°-70° | 15159.9 | 27.4 |
| 70°-80° | 8858.8 | 16.0 |
| 80°-90° | 1580.5 | 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° | 55231.0 | 100.0 |
| 0°-180° | 55231.0 | 100.0 |

Coefficient of Utilization



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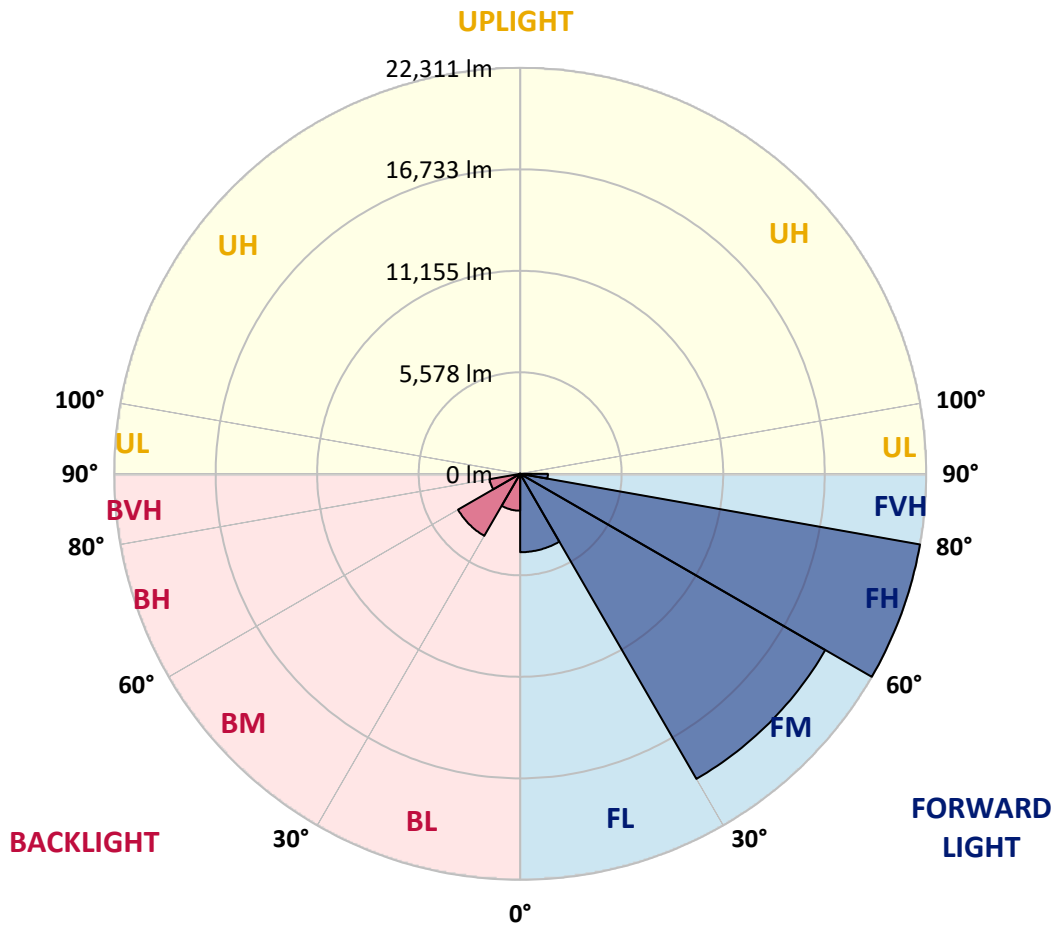
CATALOG NUMBER: GALN-SB7D-735-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 4307.8 | 7.8 | | | |
| FM (30°-60°) | 19357.9 | 35.0 | | | |
| FH (60°-80°) | 22310.8 | 40.4 | | | G5 |
| FVH (80°-90°) | 1519.8 | 2.8 | | | G5 |
| BL (0°-30°) | 2027.4 | 3.7 | B3/2500 | | |
| BM (30°-60°) | 3938.7 | 7.1 | B3/5000 | | |
| BH (60°-80°) | 1707.9 | 3.1 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 60.7 | 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° | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 |
| 2.5° | 8640.8 | 8492.4 | 8404.9 | 8188.0 | 7971.1 | 7796.1 | 7560.2 | 7404.2 | 7217.8 | 7039.0 |
| 5° | 9630.0 | 9390.3 | 9101.2 | 8705.5 | 8344.0 | 7974.9 | 7617.3 | 7263.4 | 6890.6 | 6548.1 |
| 7.5° | 10467.1 | 10120.9 | 9611.0 | 9086.0 | 8625.6 | 8180.4 | 7761.9 | 7293.9 | 6841.1 | 6304.6 |
| 10° | 11106.3 | 10665.0 | 9995.3 | 9306.6 | 8777.8 | 8328.8 | 7921.7 | 7526.0 | 7069.4 | 6422.6 |
| 12.5° | 11494.4 | 11022.6 | 10227.4 | 9420.8 | 8815.8 | 8313.6 | 7997.8 | 7822.7 | 7643.9 | 7000.9 |
| 15° | 11779.8 | 11269.9 | 10391.0 | 9500.7 | 8728.3 | 8111.9 | 7879.8 | 8054.8 | 8260.3 | 7849.4 |
| 17.5° | 12076.6 | 11540.1 | 10604.1 | 9534.9 | 8492.4 | 7720.0 | 7621.1 | 8073.9 | 8549.5 | 8530.4 |
| 20° | 12358.1 | 11825.4 | 10790.5 | 9512.1 | 8111.9 | 7244.4 | 7331.9 | 7910.3 | 8462.0 | 8694.1 |
| 22.5° | 12681.5 | 12118.4 | 10969.4 | 9424.6 | 7617.3 | 6799.2 | 7073.2 | 7651.5 | 8134.7 | 8408.7 |
| 25° | 13077.2 | 12487.5 | 11220.5 | 9295.2 | 7084.6 | 6430.2 | 6810.7 | 7350.9 | 7742.8 | 7933.1 |
| 27.5° | 13503.4 | 12928.8 | 11555.3 | 9226.7 | 6654.7 | 6167.6 | 6513.9 | 6993.3 | 7343.3 | 7476.5 |
| 30° | 14032.2 | 13442.5 | 11951.0 | 9150.6 | 6373.1 | 6015.5 | 6205.7 | 6578.6 | 6921.0 | 7054.2 |
| 32.5° | 14610.6 | 14013.2 | 12331.5 | 8968.0 | 6201.9 | 5901.3 | 5905.1 | 6141.0 | 6453.0 | 6612.8 |
| 35° | 15333.5 | 14698.1 | 12738.6 | 8568.5 | 6064.9 | 5768.1 | 5612.1 | 5726.3 | 5985.0 | 6175.3 |
| 37.5° | 16364.6 | 15596.0 | 13237.0 | 7997.8 | 5863.3 | 5562.7 | 5303.9 | 5330.6 | 5528.4 | 5737.7 |
| 40° | 17787.6 | 16802.2 | 13823.0 | 7404.2 | 5574.1 | 5273.5 | 4965.3 | 4953.9 | 5098.5 | 5303.9 |
| 42.5° | 19712.9 | 18396.4 | 14526.9 | 6837.3 | 5296.3 | 4923.5 | 4607.7 | 4588.6 | 4702.8 | 4881.6 |
| 45° | 22254.5 | 20435.8 | 15390.6 | 6350.3 | 5079.5 | 4581.0 | 4269.0 | 4261.4 | 4356.5 | 4512.5 |
| 47.5° | 25507.6 | 23270.4 | 16254.3 | 6019.3 | 4965.3 | 4310.9 | 3991.3 | 4006.5 | 4090.2 | 4231.0 |
| 50° | 29719.6 | 26964.9 | 16516.8 | 5851.8 | 4965.3 | 4166.3 | 3744.0 | 3820.1 | 3888.5 | 3995.1 |
| 52.5° | 34768.6 | 30511.0 | 15649.3 | 5699.6 | 4995.8 | 4185.3 | 3534.7 | 3698.3 | 3747.8 | 3839.1 |
| 55° | 39448.6 | 32249.8 | 13453.9 | 5490.4 | 5003.4 | 4303.3 | 3355.9 | 3599.4 | 3690.7 | 3724.9 |
| 57.5° | 42165.2 | 31652.5 | 10878.0 | 5136.5 | 4972.9 | 4383.2 | 3241.7 | 3477.6 | 3652.6 | 3675.5 |
| 60° | 41647.8 | 29556.0 | 8009.2 | 4866.4 | 4748.4 | 4352.7 | 3207.5 | 3291.2 | 3568.9 | 3603.2 |
| 62.5° | 37660.3 | 26040.3 | 5558.9 | 4657.1 | 4253.8 | 4219.6 | 3196.1 | 2998.2 | 3386.3 | 3470.0 |
| 65° | 30271.3 | 20500.5 | 3926.6 | 4010.3 | 3728.7 | 3930.4 | 3135.2 | 2693.8 | 3165.6 | 3279.8 |
| 67.5° | 21961.5 | 13872.4 | 2834.6 | 3249.3 | 3378.7 | 3462.4 | 2998.2 | 2473.1 | 2914.5 | 3066.7 |
| 70° | 14093.1 | 7491.7 | 1989.9 | 2145.9 | 2846.0 | 2941.1 | 2762.3 | 2275.3 | 2659.6 | 2834.6 |
| 72.5° | 10018.1 | 4425.0 | 1430.6 | 1502.9 | 2286.7 | 2450.3 | 2431.3 | 2054.6 | 2362.8 | 2575.9 |
| 75° | 6913.4 | 2438.9 | 966.4 | 1073.0 | 1658.9 | 1989.9 | 1875.8 | 1765.4 | 2001.3 | 2218.2 |
| 77.5° | 4333.7 | 1092.0 | 578.3 | 745.7 | 1088.2 | 1563.8 | 1286.0 | 1365.9 | 1560.0 | 1761.6 |
| 80° | 2412.3 | 422.3 | 323.4 | 494.6 | 593.6 | 1137.6 | 711.5 | 878.9 | 1149.1 | 1293.6 |
| 82.5° | 525.1 | 53.3 | 144.6 | 213.1 | 232.1 | 662.0 | 376.7 | 509.8 | 722.9 | 711.5 |
| 85° | 0.0 | 0.0 | 26.6 | 30.4 | 15.2 | 285.4 | 137.0 | 167.4 | 235.9 | 220.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.6 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 7647.7 | 0° | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 |
| 6879.1 | 2.5° | 6848.7 | 6662.3 | 6525.3 | 6456.8 | 6399.7 | 6453.0 | 6483.4 | 6483.4 | 6612.8 | 6688.9 |
| 6338.9 | 5° | 6205.7 | 5870.9 | 5615.9 | 5444.7 | 5342.0 | 5376.2 | 5414.3 | 5456.1 | 5619.7 | 5730.1 |
| 6019.3 | 7.5° | 5760.5 | 5246.9 | 4858.8 | 4619.1 | 4493.5 | 4512.5 | 4539.2 | 4573.4 | 4733.2 | 4843.6 |
| 6064.9 | 10° | 5676.8 | 4938.7 | 4390.8 | 4075.0 | 3922.8 | 3896.2 | 3880.9 | 3869.5 | 3964.6 | 4048.3 |
| 6582.4 | 12.5° | 6019.3 | 4953.9 | 4189.1 | 3804.8 | 3618.4 | 3538.5 | 3447.2 | 3374.9 | 3390.1 | 3443.4 |
| 7366.2 | 15° | 6631.8 | 5147.9 | 4124.4 | 3664.1 | 3432.0 | 3298.8 | 3192.3 | 3104.7 | 3085.7 | 3104.7 |
| 8051.0 | 17.5° | 7331.9 | 5410.5 | 4116.8 | 3542.3 | 3253.1 | 3116.2 | 3028.7 | 2948.8 | 2922.1 | 2925.9 |
| 8435.3 | 20° | 7796.1 | 5619.7 | 4094.0 | 3405.3 | 3081.9 | 2960.2 | 2884.1 | 2804.2 | 2777.5 | 2785.1 |
| 8328.8 | 22.5° | 7841.8 | 5730.1 | 4059.8 | 3253.1 | 2910.7 | 2808.0 | 2731.9 | 2659.6 | 2655.8 | 2655.8 |
| 7929.3 | 25° | 7594.5 | 5730.1 | 3987.5 | 3116.2 | 2747.1 | 2655.8 | 2587.3 | 2499.8 | 2515.0 | 2522.6 |
| 7476.5 | 27.5° | 7210.2 | 5593.1 | 3850.5 | 3005.8 | 2606.3 | 2511.2 | 2442.7 | 2362.8 | 2381.8 | 2393.2 |
| 7054.2 | 30° | 6829.7 | 5418.1 | 3686.9 | 2880.3 | 2473.1 | 2362.8 | 2313.3 | 2244.9 | 2252.5 | 2267.7 |
| 6635.6 | 32.5° | 6475.8 | 5231.7 | 3492.8 | 2777.5 | 2340.0 | 2229.6 | 2191.6 | 2115.5 | 2126.9 | 2142.1 |
| 6224.7 | 35° | 6125.8 | 5026.2 | 3264.6 | 2655.8 | 2218.2 | 2107.9 | 2077.4 | 1989.9 | 1997.5 | 2020.4 |
| 5813.8 | 37.5° | 5749.1 | 4809.3 | 3078.1 | 2534.0 | 2100.3 | 1986.1 | 1955.7 | 1864.4 | 1872.0 | 1898.6 |
| 5387.7 | 40° | 5353.4 | 4596.2 | 2895.5 | 2404.7 | 1974.7 | 1860.6 | 1833.9 | 1735.0 | 1742.6 | 1773.1 |
| 4969.1 | 42.5° | 4953.9 | 4364.2 | 2754.7 | 2237.2 | 1845.3 | 1723.6 | 1697.0 | 1605.6 | 1617.1 | 1651.3 |
| 4603.9 | 45° | 4584.8 | 4086.4 | 2663.4 | 2050.8 | 1723.6 | 1586.6 | 1560.0 | 1476.3 | 1499.1 | 1537.2 |
| 4295.7 | 47.5° | 4269.0 | 3801.0 | 2625.3 | 1894.8 | 1594.2 | 1445.8 | 1423.0 | 1354.5 | 1392.6 | 1434.4 |
| 4033.1 | 50° | 3998.9 | 3527.1 | 2575.9 | 1735.0 | 1472.5 | 1324.1 | 1301.3 | 1255.6 | 1305.1 | 1346.9 |
| 3854.3 | 52.5° | 3804.8 | 3215.1 | 2469.3 | 1590.4 | 1365.9 | 1221.4 | 1213.7 | 1190.9 | 1236.6 | 1274.6 |
| 3721.1 | 55° | 3637.4 | 2891.7 | 2298.1 | 1464.9 | 1270.8 | 1133.8 | 1141.5 | 1130.0 | 1168.1 | 1198.5 |
| 3641.2 | 57.5° | 3485.2 | 2610.1 | 2081.2 | 1365.9 | 1168.1 | 1057.7 | 1080.6 | 1065.4 | 1084.4 | 1103.4 |
| 3557.5 | 60° | 3302.6 | 2324.8 | 1822.5 | 1255.6 | 1046.3 | 981.6 | 1008.3 | 966.4 | 962.6 | 970.2 |
| 3405.3 | 62.5° | 3032.5 | 1940.5 | 1552.4 | 1118.6 | 939.8 | 897.9 | 909.4 | 829.5 | 768.6 | 768.6 |
| 3180.8 | 65° | 2655.8 | 1560.0 | 1301.3 | 966.4 | 818.0 | 783.8 | 776.2 | 662.0 | 578.3 | 570.7 |
| 2937.3 | 67.5° | 2218.2 | 1282.2 | 1080.6 | 814.2 | 681.1 | 658.2 | 665.8 | 582.1 | 498.4 | 490.8 |
| 2693.8 | 70° | 1807.3 | 1061.6 | 871.3 | 650.6 | 525.1 | 547.9 | 582.1 | 498.4 | 418.5 | 407.1 |
| 2408.5 | 72.5° | 1468.7 | 844.7 | 681.1 | 498.4 | 388.1 | 452.8 | 494.6 | 407.1 | 331.0 | 323.4 |
| 2054.6 | 75° | 1133.8 | 620.2 | 487.0 | 338.6 | 281.6 | 350.0 | 388.1 | 296.8 | 235.9 | 224.5 |
| 1590.4 | 77.5° | 757.2 | 384.3 | 273.9 | 213.1 | 167.4 | 239.7 | 258.7 | 156.0 | 137.0 | 133.2 |
| 1156.7 | 80° | 460.4 | 178.8 | 118.0 | 102.7 | 57.1 | 87.5 | 102.7 | 64.7 | 72.3 | 76.1 |
| 616.4 | 82.5° | 232.1 | 49.5 | 19.0 | 3.8 | 0.0 | 0.0 | 30.4 | 15.2 | 30.4 | 38.0 |
| 167.4 | 85° | 19.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.6 | 19.0 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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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 CATALOG NUMBER: GALN-SB7D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| 185° | | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 7647.7 | 0° | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 | 7647.7 |
| 6719.3 | 2.5° | 6932.4 | 7092.2 | 7244.4 | 7487.9 | 7739.0 | 7986.4 | 8237.5 | 8481.0 | 8568.5 | 8633.2 |
| 5802.4 | 5° | 6133.4 | 6434.0 | 6784.0 | 7267.2 | 7784.7 | 8317.4 | 8857.7 | 9352.3 | 9576.8 | 9729.0 |
| 4938.7 | 7.5° | 5307.8 | 5699.6 | 6201.9 | 6928.6 | 7739.0 | 8587.5 | 9436.0 | 10216.0 | 10577.5 | 10870.4 |
| 4124.4 | 10° | 4489.7 | 4915.9 | 5551.3 | 6380.7 | 7476.5 | 8694.1 | 9865.9 | 10938.9 | 11406.9 | 11776.0 |
| 3538.5 | 12.5° | 3770.6 | 4170.1 | 4836.0 | 5752.9 | 7065.6 | 8610.4 | 10113.3 | 11403.1 | 11954.8 | 12369.5 |
| 3120.0 | 15° | 3264.6 | 3546.1 | 4135.9 | 5125.1 | 6578.6 | 8340.2 | 10128.5 | 11623.8 | 12228.8 | 12662.5 |
| 2944.9 | 17.5° | 2983.0 | 3078.1 | 3462.4 | 4485.9 | 6038.3 | 7986.4 | 9987.7 | 11699.9 | 12346.7 | 12750.0 |
| 2788.9 | 20° | 2830.8 | 2846.0 | 2952.6 | 3656.5 | 5345.8 | 7655.3 | 9854.5 | 11776.0 | 12457.0 | 12795.7 |
| 2678.6 | 22.5° | 2709.0 | 2709.0 | 2735.7 | 2990.6 | 4451.7 | 7259.6 | 9812.7 | 11909.1 | 12609.2 | 12818.5 |
| 2553.0 | 25° | 2598.7 | 2598.7 | 2606.3 | 2674.8 | 3527.1 | 6654.7 | 9786.0 | 12114.6 | 12818.5 | 12875.6 |
| 2427.5 | 27.5° | 2484.6 | 2488.4 | 2488.4 | 2526.4 | 2842.2 | 5832.8 | 9671.9 | 12380.9 | 13069.6 | 12951.7 |
| 2305.7 | 30° | 2370.4 | 2378.0 | 2378.0 | 2404.7 | 2515.0 | 4870.2 | 9447.4 | 12700.6 | 13396.8 | 13050.6 |
| 2184.0 | 32.5° | 2256.3 | 2263.9 | 2263.9 | 2286.7 | 2366.6 | 3888.5 | 9165.9 | 12993.5 | 13727.9 | 13092.5 |
| 2066.0 | 35° | 2138.3 | 2149.7 | 2142.1 | 2172.6 | 2256.3 | 3093.3 | 8808.2 | 13286.5 | 14085.5 | 13225.6 |
| 1951.9 | 37.5° | 2020.4 | 2028.0 | 2024.2 | 2054.6 | 2149.7 | 2671.0 | 8393.5 | 13507.2 | 14572.5 | 13522.4 |
| 1830.1 | 40° | 1902.4 | 1898.6 | 1898.6 | 1932.9 | 2035.6 | 2549.2 | 7872.2 | 13857.2 | 15272.6 | 14043.7 |
| 1708.4 | 42.5° | 1780.7 | 1780.7 | 1773.1 | 1811.1 | 1936.7 | 2457.9 | 7373.8 | 14485.0 | 16292.3 | 14873.1 |
| 1594.2 | 45° | 1670.3 | 1666.5 | 1651.3 | 1685.5 | 1841.5 | 2298.1 | 7198.8 | 15656.9 | 17799.0 | 16216.2 |
| 1480.1 | 47.5° | 1563.8 | 1560.0 | 1521.9 | 1552.4 | 1727.4 | 2153.5 | 7853.2 | 17574.6 | 19887.9 | 18190.9 |
| 1388.8 | 50° | 1468.7 | 1472.5 | 1400.2 | 1426.8 | 1613.3 | 2043.2 | 9272.4 | 20062.9 | 22661.6 | 20850.5 |
| 1312.7 | 52.5° | 1381.2 | 1381.2 | 1286.0 | 1301.3 | 1472.5 | 1944.3 | 10623.1 | 22760.5 | 26321.9 | 24560.2 |
| 1232.8 | 55° | 1293.6 | 1286.0 | 1179.5 | 1187.1 | 1331.7 | 1803.5 | 10824.8 | 25393.5 | 31313.8 | 30141.9 |
| 1145.3 | 57.5° | 1194.7 | 1179.5 | 1080.6 | 1080.6 | 1202.3 | 1700.8 | 9382.7 | 27417.7 | 37508.1 | 38345.2 |
| 981.6 | 60° | 1073.0 | 1061.6 | 996.9 | 977.8 | 1099.6 | 1792.1 | 6620.4 | 27653.6 | 41503.2 | 49253.6 |
| 780.0 | 62.5° | 917.0 | 932.2 | 897.9 | 871.3 | 1000.7 | 1860.6 | 3922.8 | 25755.0 | 40536.8 | 52723.7 |
| 605.0 | 65° | 722.9 | 783.8 | 776.2 | 757.2 | 1099.6 | 1567.6 | 2317.1 | 22109.9 | 37572.8 | 49923.3 |
| 528.9 | 67.5° | 616.4 | 658.2 | 646.8 | 646.8 | 1152.9 | 1190.9 | 1457.3 | 17274.0 | 33494.0 | 46601.7 |
| 441.4 | 70° | 525.1 | 566.9 | 525.1 | 525.1 | 871.3 | 722.9 | 1008.3 | 12061.3 | 29091.8 | 42926.2 |
| 353.9 | 72.5° | 433.8 | 475.6 | 429.9 | 399.5 | 696.3 | 540.3 | 738.1 | 7537.4 | 24914.1 | 39098.5 |
| 251.1 | 75° | 331.0 | 380.5 | 346.2 | 308.2 | 460.4 | 403.3 | 559.3 | 4379.4 | 20641.3 | 33452.1 |
| 152.2 | 77.5° | 209.3 | 273.9 | 258.7 | 216.9 | 338.6 | 293.0 | 403.3 | 2606.3 | 15927.1 | 26139.2 |
| 91.3 | 80° | 129.4 | 140.8 | 144.6 | 137.0 | 194.0 | 197.9 | 273.9 | 1483.9 | 10900.9 | 18217.6 |
| 57.1 | 82.5° | 83.7 | 83.7 | 64.7 | 72.3 | 95.1 | 114.1 | 156.0 | 559.3 | 6407.3 | 11091.1 |
| 34.2 | 85° | 60.9 | 53.3 | 34.2 | 34.2 | 45.7 | 57.1 | 60.9 | 171.2 | 2598.7 | 4379.4 |
| 15.2 | 87.5° | 30.4 | 26.6 | 11.4 | 15.2 | 22.8 | 19.0 | 15.2 | 7.6 | 654.4 | 1400.2 |
| 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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