

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: P951790

Luminaire Tested: **GALN-SB5D-830-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P951790
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-SB5D-830-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 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: 35251 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

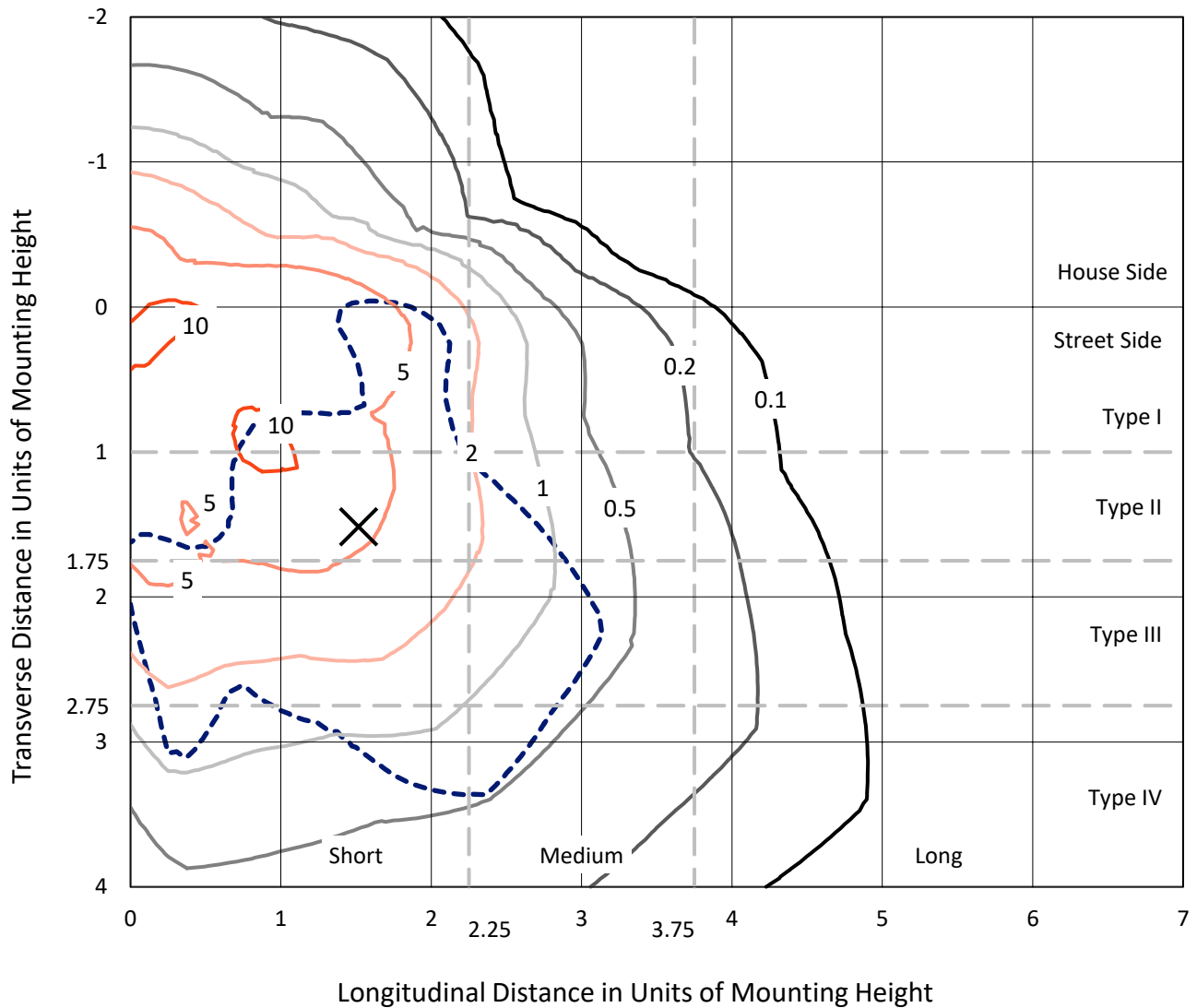
Input Watts (W): 364.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P951790
 CATALOG NUMBER: GALN-SB5D-830-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

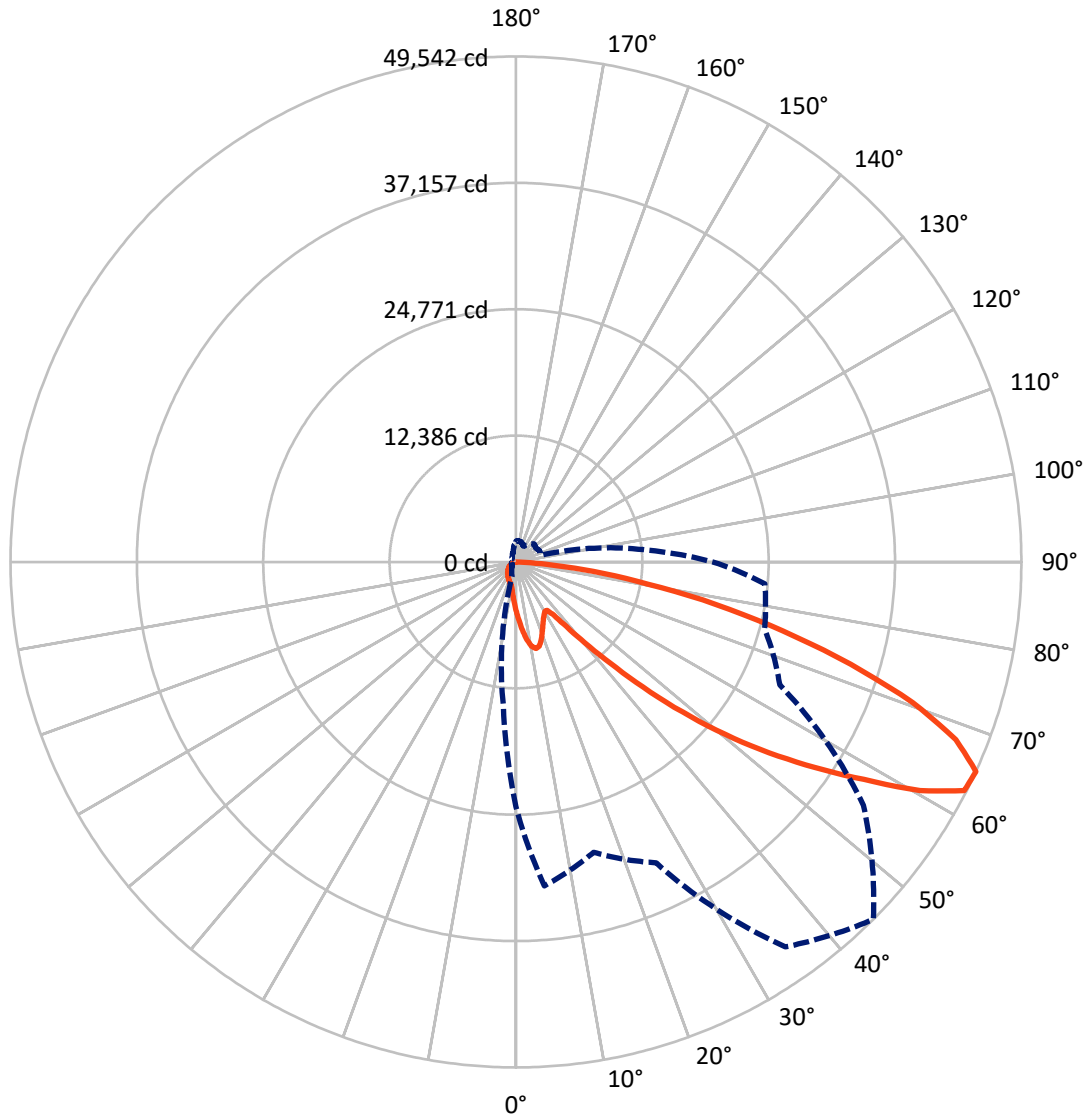
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P951790
CATALOG NUMBER: GALN-SB5D-830-U-SLL-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P951790
 CATALOG NUMBER: GALN-SB5D-830-U-SLL-HSS

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 7006.8 | 0.0 | 7006.8 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 28244.2 | 0.0 | 28244.2 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 35251.0 | 0.0 | 35251.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 480.6 | 1.4 |
| 10°-20° | 1440.6 | 4.1 |
| 20°-30° | 2122.3 | 6.0 |
| 30°-40° | 2726.6 | 7.7 |
| 40°-50° | 4409.7 | 12.5 |
| 50°-60° | 7732.7 | 21.9 |
| 60°-70° | 9675.8 | 27.4 |
| 70°-80° | 5654.1 | 16.0 |
| 80°-90° | 1008.8 | 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° | 35251.0 | 100.0 |
| 0°-180° | 35251.0 | 100.0 |



REPORT NUMBER: P951790

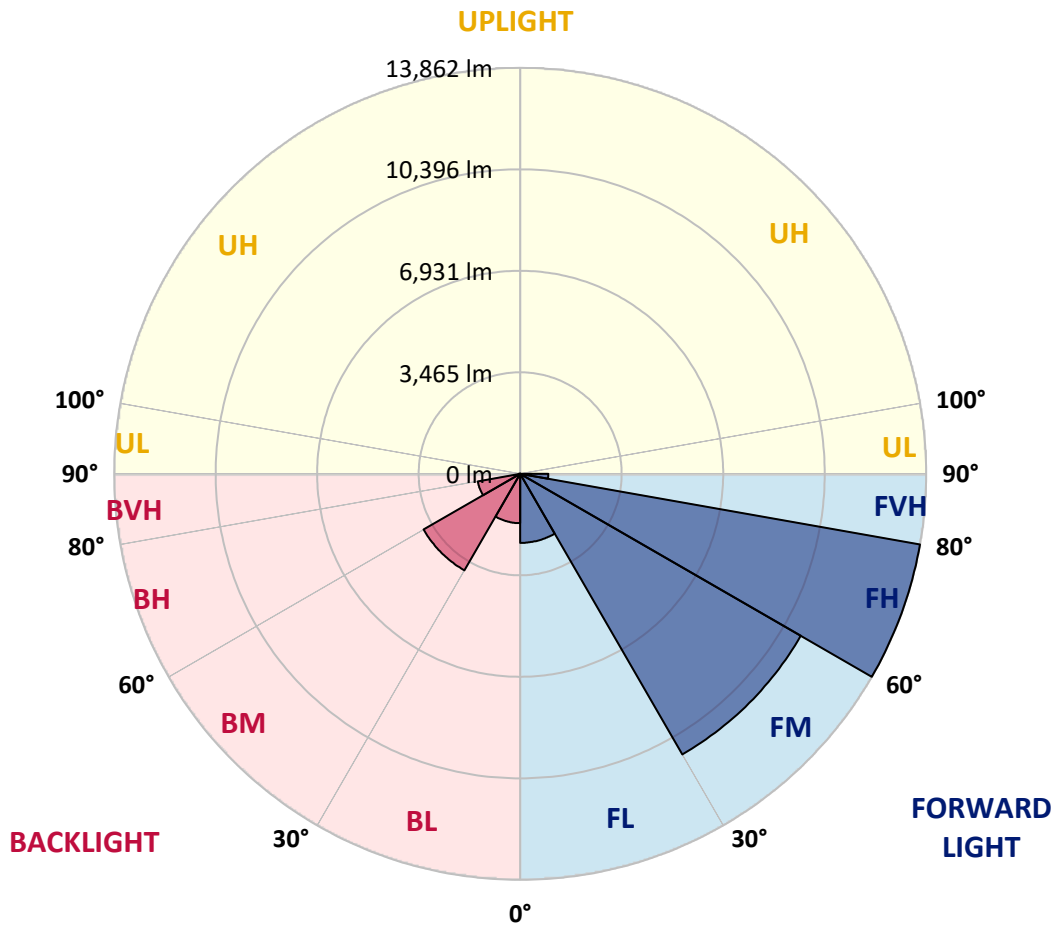
CATALOG NUMBER: GALN-SB5D-830-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2358.7 | 6.7 | | | |
| FM (30°-60°) | 11062.2 | 31.4 | | | |
| FH (60°-80°) | 13861.8 | 39.3 | | | G5 |
| FVH (80°-90°) | 961.5 | 2.7 | | | G5 |
| BL (0°-30°) | 1684.7 | 4.8 | B3/2500 | | |
| BM (30°-60°) | 3806.8 | 10.8 | B3/5000 | | |
| BH (60°-80°) | 1468.1 | 4.2 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 47.3 | 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: P951790
 CATALOG NUMBER: GALN-SB5D-830-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 |
| 2.5° | 5468.8 | 5510.1 | 5602.4 | 5650.9 | 5726.2 | 5731.1 | 5731.1 | 5665.5 | 5663.1 | 5529.5 |
| 5° | 6112.3 | 6209.5 | 6428.0 | 6653.9 | 6702.5 | 6714.6 | 6690.3 | 6559.2 | 6462.0 | 6202.2 |
| 7.5° | 6751.0 | 6938.0 | 7270.7 | 7571.8 | 7669.0 | 7669.0 | 7610.7 | 7397.0 | 7197.9 | 6821.4 |
| 10° | 7280.4 | 7516.0 | 7967.7 | 8305.2 | 8416.9 | 8392.6 | 8273.6 | 8004.1 | 7729.7 | 7273.1 |
| 12.5° | 7630.1 | 7894.8 | 8390.2 | 8662.2 | 8776.3 | 8713.2 | 8577.2 | 8314.9 | 8025.9 | 7545.1 |
| 15° | 7805.0 | 8081.8 | 8511.6 | 8654.9 | 8623.3 | 8557.8 | 8540.8 | 8414.5 | 8195.9 | 7746.7 |
| 17.5° | 7880.2 | 8137.7 | 8436.4 | 8346.5 | 8079.4 | 8028.4 | 8198.4 | 8358.6 | 8305.2 | 7921.5 |
| 20° | 7950.7 | 8166.8 | 8256.6 | 7858.4 | 7392.1 | 7346.0 | 7671.4 | 8127.9 | 8361.1 | 8084.2 |
| 22.5° | 8047.8 | 8181.4 | 7996.8 | 7343.6 | 6840.9 | 6734.0 | 7093.4 | 7780.7 | 8378.1 | 8290.6 |
| 25° | 8181.4 | 8217.8 | 7710.3 | 6855.4 | 6350.3 | 6243.5 | 6578.6 | 7394.6 | 8348.9 | 8514.1 |
| 27.5° | 8341.6 | 8266.4 | 7435.8 | 6447.5 | 5959.4 | 5859.8 | 6194.9 | 7023.0 | 8266.4 | 8737.5 |
| 30° | 8550.5 | 8329.5 | 7163.9 | 6131.8 | 5680.1 | 5607.2 | 5930.2 | 6702.5 | 8164.4 | 9021.6 |
| 32.5° | 8761.8 | 8356.2 | 6911.3 | 5947.2 | 5616.9 | 5643.7 | 5908.4 | 6530.0 | 8052.7 | 9293.6 |
| 35° | 8990.0 | 8441.2 | 6787.4 | 6129.3 | 6143.9 | 6377.0 | 6486.3 | 6690.3 | 8035.7 | 9662.7 |
| 37.5° | 9300.9 | 8630.6 | 6935.6 | 7035.1 | 7540.3 | 8023.5 | 7933.7 | 7474.7 | 8232.4 | 10214.0 |
| 40° | 9747.7 | 8963.3 | 7581.5 | 8577.2 | 9614.1 | 10398.5 | 10056.1 | 8900.2 | 8834.6 | 11008.1 |
| 42.5° | 10398.5 | 9492.7 | 8727.8 | 10461.7 | 12219.8 | 13511.8 | 12593.8 | 10738.5 | 9888.5 | 12142.1 |
| 45° | 11360.2 | 10350.0 | 10114.4 | 12450.5 | 15432.6 | 17467.7 | 15558.9 | 12698.2 | 11365.0 | 13859.0 |
| 47.5° | 12693.4 | 11610.3 | 11413.6 | 14546.3 | 19337.6 | 21970.0 | 18847.0 | 14514.7 | 13045.5 | 16200.0 |
| 50° | 14463.7 | 13307.8 | 12644.8 | 16838.7 | 23618.9 | 26559.7 | 22132.7 | 16268.0 | 14971.2 | 19060.7 |
| 52.5° | 16799.8 | 15675.5 | 14080.0 | 19021.9 | 28021.6 | 31052.3 | 25432.9 | 17807.6 | 17360.8 | 22380.4 |
| 55° | 19985.9 | 19238.0 | 16042.2 | 21105.4 | 32421.9 | 35571.6 | 28604.4 | 19259.8 | 20517.8 | 26324.1 |
| 57.5° | 23939.4 | 24473.7 | 18871.3 | 23521.7 | 36377.8 | 40229.3 | 31790.5 | 21290.0 | 24617.0 | 30734.2 |
| 60° | 26489.3 | 31436.0 | 24289.1 | 27093.9 | 40872.8 | 45496.6 | 36156.8 | 25151.2 | 28925.0 | 32315.1 |
| 62.5° | 25872.4 | 33650.7 | 30777.9 | 31654.5 | 45006.0 | 49326.2 | 40435.7 | 29029.4 | 29736.1 | 29986.2 |
| 65° | 23980.7 | 31863.4 | 29454.4 | 32540.9 | 46052.7 | 49542.3 | 41579.5 | 28529.1 | 25224.1 | 24481.0 |
| 67.5° | 21377.4 | 29743.4 | 26309.6 | 30190.2 | 44160.9 | 46521.4 | 39449.8 | 25236.2 | 19493.0 | 18371.0 |
| 70° | 18567.7 | 27397.5 | 24245.4 | 27552.9 | 40554.7 | 41256.5 | 35829.0 | 22195.8 | 14337.4 | 12406.8 |
| 72.5° | 15901.3 | 24954.5 | 22832.1 | 24850.1 | 35744.0 | 34291.8 | 31115.4 | 19507.5 | 10439.8 | 8948.7 |
| 75° | 13174.2 | 21350.7 | 20818.9 | 21639.7 | 29417.9 | 27011.4 | 25853.0 | 16151.5 | 8193.5 | 6474.2 |
| 77.5° | 10165.4 | 16683.3 | 17907.2 | 17329.2 | 20707.2 | 20063.7 | 20039.4 | 12137.3 | 5986.1 | 4320.2 |
| 80° | 6957.4 | 11627.3 | 13990.2 | 12224.7 | 13438.9 | 13111.1 | 15092.7 | 8142.5 | 4342.0 | 2600.8 |
| 82.5° | 4089.5 | 7078.9 | 9738.0 | 5918.1 | 7431.0 | 7627.7 | 8987.6 | 3960.8 | 2554.7 | 599.8 |
| 85° | 1658.6 | 2795.1 | 3807.8 | 2316.7 | 3584.4 | 3023.4 | 3411.9 | 1112.2 | 711.5 | 14.6 |
| 87.5° | 417.7 | 893.7 | 626.5 | 259.8 | 415.3 | 381.3 | 301.1 | 136.0 | 29.1 | 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: P951790
 CATALOG NUMBER: GALN-SB5D-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---------|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4881.1 | 0° | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 |
| 5515.0 | 2.5° | 5420.2 | 5364.4 | 5226.0 | 5087.6 | 4975.8 | 4825.3 | 4725.7 | 4606.7 | 4492.6 | 4390.6 |
| 6146.3 | 5° | 5993.4 | 5808.8 | 5556.2 | 5325.5 | 5090.0 | 4861.7 | 4635.9 | 4397.9 | 4179.3 | 4045.8 |
| 6680.6 | 7.5° | 6459.6 | 6134.2 | 5799.1 | 5505.2 | 5221.1 | 4954.0 | 4655.3 | 4366.3 | 4023.9 | 3841.8 |
| 7088.6 | 10° | 6806.9 | 6379.5 | 5939.9 | 5602.4 | 5315.8 | 5056.0 | 4803.4 | 4512.0 | 4099.2 | 3870.9 |
| 7336.3 | 12.5° | 7035.1 | 6527.6 | 6012.8 | 5626.7 | 5306.1 | 5104.6 | 4992.8 | 4878.7 | 4468.3 | 4201.2 |
| 7518.4 | 15° | 7193.0 | 6632.0 | 6063.8 | 5570.8 | 5177.4 | 5029.3 | 5141.0 | 5272.1 | 5009.8 | 4701.4 |
| 7707.8 | 17.5° | 7365.4 | 6768.0 | 6085.6 | 5420.2 | 4927.3 | 4864.1 | 5153.1 | 5456.7 | 5444.5 | 5138.5 |
| 7887.5 | 20° | 7547.5 | 6887.0 | 6071.1 | 5177.4 | 4623.7 | 4679.6 | 5048.7 | 5400.8 | 5549.0 | 5383.8 |
| 8093.9 | 22.5° | 7734.5 | 7001.2 | 6015.2 | 4861.7 | 4339.6 | 4514.4 | 4883.6 | 5192.0 | 5366.8 | 5315.8 |
| 8346.5 | 25° | 7970.1 | 7161.4 | 5932.6 | 4521.7 | 4104.0 | 4346.9 | 4691.7 | 4941.8 | 5063.3 | 5060.8 |
| 8618.5 | 27.5° | 8251.8 | 7375.1 | 5888.9 | 4247.3 | 3936.5 | 4157.5 | 4463.4 | 4686.9 | 4771.9 | 4771.9 |
| 8956.0 | 30° | 8579.6 | 7627.7 | 5840.4 | 4067.6 | 3839.3 | 3960.8 | 4198.7 | 4417.3 | 4502.3 | 4502.3 |
| 9325.2 | 32.5° | 8943.9 | 7870.5 | 5723.8 | 3958.3 | 3766.5 | 3768.9 | 3919.5 | 4118.6 | 4220.6 | 4235.2 |
| 9786.6 | 35° | 9381.0 | 8130.4 | 5468.8 | 3870.9 | 3681.5 | 3581.9 | 3654.8 | 3819.9 | 3941.3 | 3972.9 |
| 10444.7 | 37.5° | 9954.1 | 8448.5 | 5104.6 | 3742.2 | 3550.4 | 3385.2 | 3402.2 | 3528.5 | 3662.1 | 3710.6 |
| 11352.9 | 40° | 10723.9 | 8822.5 | 4725.7 | 3557.6 | 3365.8 | 3169.1 | 3161.8 | 3254.1 | 3385.2 | 3438.7 |
| 12581.7 | 42.5° | 11741.4 | 9271.7 | 4363.9 | 3380.4 | 3142.4 | 2940.8 | 2928.7 | 3001.5 | 3115.7 | 3171.5 |
| 14203.9 | 45° | 13043.1 | 9823.0 | 4053.0 | 3241.9 | 2923.8 | 2724.7 | 2719.8 | 2780.5 | 2880.1 | 2938.4 |
| 16280.2 | 47.5° | 14852.3 | 10374.2 | 3841.8 | 3169.1 | 2751.4 | 2547.4 | 2557.1 | 2610.6 | 2700.4 | 2741.7 |
| 18968.4 | 50° | 17210.3 | 10541.8 | 3734.9 | 3169.1 | 2659.1 | 2389.6 | 2438.1 | 2481.9 | 2549.8 | 2574.1 |
| 22191.0 | 52.5° | 19473.5 | 9988.1 | 3637.8 | 3188.5 | 2671.3 | 2256.0 | 2360.4 | 2392.0 | 2450.3 | 2460.0 |
| 25177.9 | 55° | 20583.3 | 8586.9 | 3504.2 | 3193.4 | 2746.5 | 2141.9 | 2297.3 | 2355.6 | 2377.4 | 2375.0 |
| 26911.8 | 57.5° | 20202.1 | 6942.9 | 3278.4 | 3174.0 | 2797.5 | 2069.0 | 2219.6 | 2331.3 | 2345.9 | 2324.0 |
| 26581.5 | 60° | 18864.0 | 5111.8 | 3106.0 | 3030.7 | 2778.1 | 2047.2 | 2100.6 | 2277.9 | 2299.7 | 2270.6 |
| 24036.6 | 62.5° | 16620.1 | 3547.9 | 2972.4 | 2715.0 | 2693.1 | 2039.9 | 1913.6 | 2161.3 | 2214.7 | 2173.4 |
| 19320.6 | 65° | 13084.4 | 2506.1 | 2559.6 | 2379.9 | 2508.6 | 2001.0 | 1719.3 | 2020.5 | 2093.3 | 2030.2 |
| 14016.9 | 67.5° | 8854.0 | 1809.2 | 2073.9 | 2156.4 | 2209.9 | 1913.6 | 1578.5 | 1860.2 | 1957.3 | 1874.7 |
| 8994.9 | 70° | 4781.6 | 1270.1 | 1369.6 | 1816.5 | 1877.2 | 1763.0 | 1452.2 | 1697.5 | 1809.2 | 1719.3 |
| 6394.0 | 72.5° | 2824.3 | 913.1 | 959.2 | 1459.5 | 1563.9 | 1551.8 | 1311.3 | 1508.1 | 1644.0 | 1537.2 |
| 4412.4 | 75° | 1556.6 | 616.8 | 684.8 | 1058.8 | 1270.1 | 1197.2 | 1126.8 | 1277.4 | 1415.8 | 1311.3 |
| 2766.0 | 77.5° | 697.0 | 369.1 | 476.0 | 694.5 | 998.1 | 820.8 | 871.8 | 995.7 | 1124.4 | 1015.1 |
| 1539.6 | 80° | 269.6 | 206.4 | 315.7 | 378.8 | 726.1 | 454.1 | 561.0 | 733.4 | 825.7 | 738.2 |
| 335.1 | 82.5° | 34.0 | 92.3 | 136.0 | 148.1 | 422.5 | 240.4 | 325.4 | 461.4 | 454.1 | 393.4 |
| 0.0 | 85° | 0.0 | 17.0 | 19.4 | 9.7 | 182.1 | 87.4 | 106.9 | 150.6 | 140.8 | 106.9 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.9 | 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 |

REPORT NUMBER: P951790
 CATALOG NUMBER: GALN-SB5D-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| 185° | | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4881.1 | 0° | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 |
| 4371.2 | 2.5° | 4252.2 | 4164.7 | 4121.0 | 4084.6 | 4118.6 | 4138.0 | 4138.0 | 4220.6 | 4269.2 | 4288.6 |
| 3960.8 | 5° | 3747.1 | 3584.4 | 3475.1 | 3409.5 | 3431.4 | 3455.6 | 3482.4 | 3586.8 | 3657.2 | 3703.3 |
| 3676.6 | 7.5° | 3348.8 | 3101.1 | 2948.1 | 2868.0 | 2880.1 | 2897.1 | 2919.0 | 3021.0 | 3091.4 | 3152.1 |
| 3623.2 | 10° | 3152.1 | 2802.4 | 2600.8 | 2503.7 | 2486.7 | 2477.0 | 2469.7 | 2530.4 | 2583.8 | 2632.4 |
| 3841.8 | 12.5° | 3161.8 | 2673.7 | 2428.4 | 2309.4 | 2258.4 | 2200.2 | 2154.0 | 2163.7 | 2197.7 | 2258.4 |
| 4232.7 | 15° | 3285.7 | 2632.4 | 2338.6 | 2190.4 | 2105.4 | 2037.4 | 1981.6 | 1969.5 | 1981.6 | 1991.3 |
| 4679.6 | 17.5° | 3453.2 | 2627.6 | 2260.9 | 2076.3 | 1988.9 | 1933.0 | 1882.0 | 1865.0 | 1867.5 | 1879.6 |
| 4975.8 | 20° | 3586.8 | 2613.0 | 2173.4 | 1967.0 | 1889.3 | 1840.7 | 1789.7 | 1772.8 | 1777.6 | 1780.0 |
| 5005.0 | 22.5° | 3657.2 | 2591.1 | 2076.3 | 1857.7 | 1792.2 | 1743.6 | 1697.5 | 1695.0 | 1695.0 | 1709.6 |
| 4847.1 | 25° | 3657.2 | 2545.0 | 1988.9 | 1753.3 | 1695.0 | 1651.3 | 1595.5 | 1605.2 | 1610.0 | 1629.5 |
| 4601.9 | 27.5° | 3569.8 | 2457.6 | 1918.5 | 1663.5 | 1602.8 | 1559.0 | 1508.1 | 1520.2 | 1527.5 | 1549.3 |
| 4359.0 | 30° | 3458.1 | 2353.1 | 1838.3 | 1578.5 | 1508.1 | 1476.5 | 1432.8 | 1437.6 | 1447.3 | 1471.6 |
| 4133.2 | 32.5° | 3339.1 | 2229.3 | 1772.8 | 1493.5 | 1423.1 | 1398.8 | 1350.2 | 1357.5 | 1367.2 | 1393.9 |
| 3909.8 | 35° | 3208.0 | 2083.6 | 1695.0 | 1415.8 | 1345.3 | 1325.9 | 1270.1 | 1274.9 | 1289.5 | 1318.6 |
| 3669.4 | 37.5° | 3069.5 | 1964.6 | 1617.3 | 1340.5 | 1267.6 | 1248.2 | 1189.9 | 1194.8 | 1211.8 | 1245.8 |
| 3416.8 | 40° | 2933.5 | 1848.0 | 1534.8 | 1260.4 | 1187.5 | 1170.5 | 1107.4 | 1112.2 | 1131.6 | 1168.1 |
| 3161.8 | 42.5° | 2785.4 | 1758.2 | 1427.9 | 1177.8 | 1100.1 | 1083.1 | 1024.8 | 1032.1 | 1053.9 | 1090.4 |
| 2926.3 | 45° | 2608.1 | 1699.9 | 1308.9 | 1100.1 | 1012.7 | 995.7 | 942.2 | 956.8 | 981.1 | 1017.5 |
| 2724.7 | 47.5° | 2426.0 | 1675.6 | 1209.4 | 1017.5 | 922.8 | 908.2 | 864.5 | 888.8 | 915.5 | 944.7 |
| 2552.3 | 50° | 2251.2 | 1644.0 | 1107.4 | 939.8 | 845.1 | 830.5 | 801.4 | 832.9 | 859.7 | 886.4 |
| 2428.4 | 52.5° | 2052.0 | 1576.0 | 1015.1 | 871.8 | 779.5 | 774.7 | 760.1 | 789.2 | 813.5 | 837.8 |
| 2321.6 | 55° | 1845.6 | 1466.8 | 934.9 | 811.1 | 723.7 | 728.5 | 721.2 | 745.5 | 765.0 | 786.8 |
| 2224.4 | 57.5° | 1665.9 | 1328.3 | 871.8 | 745.5 | 675.1 | 689.7 | 680.0 | 692.1 | 704.2 | 731.0 |
| 2107.9 | 60° | 1483.8 | 1163.2 | 801.4 | 667.8 | 626.5 | 643.5 | 616.8 | 614.4 | 619.2 | 626.5 |
| 1935.5 | 62.5° | 1238.5 | 990.8 | 714.0 | 599.8 | 573.1 | 580.4 | 529.4 | 490.5 | 490.5 | 497.8 |
| 1695.0 | 65° | 995.7 | 830.5 | 616.8 | 522.1 | 500.3 | 495.4 | 422.5 | 369.1 | 364.3 | 386.1 |
| 1415.8 | 67.5° | 818.4 | 689.7 | 519.7 | 434.7 | 420.1 | 425.0 | 371.5 | 318.1 | 313.3 | 337.6 |
| 1153.5 | 70° | 677.5 | 556.1 | 415.3 | 335.1 | 349.7 | 371.5 | 318.1 | 267.1 | 259.8 | 281.7 |
| 937.4 | 72.5° | 539.1 | 434.7 | 318.1 | 247.7 | 289.0 | 315.7 | 259.8 | 211.3 | 206.4 | 225.8 |
| 723.7 | 75° | 395.8 | 310.8 | 216.1 | 179.7 | 223.4 | 247.7 | 189.4 | 150.6 | 143.3 | 160.3 |
| 483.3 | 77.5° | 245.3 | 174.8 | 136.0 | 106.9 | 153.0 | 165.1 | 99.6 | 87.4 | 85.0 | 97.1 |
| 293.8 | 80° | 114.1 | 75.3 | 65.6 | 36.4 | 55.9 | 65.6 | 41.3 | 46.1 | 48.6 | 58.3 |
| 148.1 | 82.5° | 31.6 | 12.1 | 2.4 | 0.0 | 0.0 | 19.4 | 9.7 | 19.4 | 24.3 | 36.4 |
| 12.1 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.9 | 12.1 | 21.9 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.7 |
| 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: P951790
 CATALOG NUMBER: GALN-SB5D-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| 285° | | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 4881.1 | 0° | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 | 4881.1 |
| 4424.6 | 2.5° | 4526.6 | 4623.7 | 4779.1 | 4939.4 | 5097.3 | 5257.5 | 5413.0 | 5468.8 |
| 3914.6 | 5° | 4106.5 | 4329.9 | 4638.3 | 4968.6 | 5308.5 | 5653.4 | 5969.1 | 6112.3 |
| 3387.7 | 7.5° | 3637.8 | 3958.3 | 4422.2 | 4939.4 | 5481.0 | 6022.5 | 6520.3 | 6751.0 |
| 2865.5 | 10° | 3137.5 | 3543.1 | 4072.5 | 4771.9 | 5549.0 | 6296.9 | 6981.7 | 7280.4 |
| 2406.6 | 12.5° | 2661.6 | 3086.5 | 3671.8 | 4509.6 | 5495.5 | 6454.8 | 7278.0 | 7630.1 |
| 2083.6 | 15° | 2263.3 | 2639.7 | 3271.1 | 4198.7 | 5323.1 | 6464.5 | 7418.8 | 7805.0 |
| 1903.9 | 17.5° | 1964.6 | 2209.9 | 2863.1 | 3853.9 | 5097.3 | 6374.6 | 7467.4 | 7880.2 |
| 1806.7 | 20° | 1816.5 | 1884.5 | 2333.7 | 3411.9 | 4886.0 | 6289.6 | 7516.0 | 7950.7 |
| 1729.0 | 22.5° | 1729.0 | 1746.0 | 1908.7 | 2841.3 | 4633.4 | 6262.9 | 7601.0 | 8047.8 |
| 1658.6 | 25° | 1658.6 | 1663.5 | 1707.2 | 2251.2 | 4247.3 | 6245.9 | 7732.1 | 8181.4 |
| 1585.8 | 27.5° | 1588.2 | 1588.2 | 1612.5 | 1814.0 | 3722.8 | 6173.1 | 7902.1 | 8341.6 |
| 1512.9 | 30° | 1517.8 | 1517.8 | 1534.8 | 1605.2 | 3108.4 | 6029.8 | 8106.1 | 8550.5 |
| 1440.1 | 32.5° | 1444.9 | 1444.9 | 1459.5 | 1510.5 | 2481.9 | 5850.1 | 8293.1 | 8761.8 |
| 1364.8 | 35° | 1372.1 | 1367.2 | 1386.6 | 1440.1 | 1974.3 | 5621.8 | 8480.1 | 8990.0 |
| 1289.5 | 37.5° | 1294.4 | 1291.9 | 1311.3 | 1372.1 | 1704.8 | 5357.1 | 8620.9 | 9300.9 |
| 1214.2 | 40° | 1211.8 | 1211.8 | 1233.6 | 1299.2 | 1627.0 | 5024.4 | 8844.3 | 9747.7 |
| 1136.5 | 42.5° | 1136.5 | 1131.6 | 1155.9 | 1236.1 | 1568.8 | 4706.3 | 9245.0 | 10398.5 |
| 1066.1 | 45° | 1063.7 | 1053.9 | 1075.8 | 1175.4 | 1466.8 | 4594.6 | 9993.0 | 11360.2 |
| 998.1 | 47.5° | 995.7 | 971.4 | 990.8 | 1102.5 | 1374.5 | 5012.3 | 11216.9 | 12693.4 |
| 937.4 | 50° | 939.8 | 893.7 | 910.7 | 1029.7 | 1304.1 | 5918.1 | 12805.1 | 14463.7 |
| 881.5 | 52.5° | 881.5 | 820.8 | 830.5 | 939.8 | 1240.9 | 6780.2 | 14526.8 | 16799.8 |
| 825.7 | 55° | 820.8 | 752.8 | 757.7 | 849.9 | 1151.1 | 6908.9 | 16207.3 | 19985.9 |
| 762.5 | 57.5° | 752.8 | 689.7 | 689.7 | 767.4 | 1085.5 | 5988.5 | 17499.2 | 23939.4 |
| 684.8 | 60° | 677.5 | 636.2 | 624.1 | 701.8 | 1143.8 | 4225.5 | 17649.8 | 26489.3 |
| 585.3 | 62.5° | 595.0 | 573.1 | 556.1 | 638.7 | 1187.5 | 2503.7 | 16438.0 | 25872.4 |
| 461.4 | 65° | 500.3 | 495.4 | 483.3 | 701.8 | 1000.5 | 1478.9 | 14111.6 | 23980.7 |
| 393.4 | 67.5° | 420.1 | 412.8 | 412.8 | 735.8 | 760.1 | 930.1 | 11025.1 | 21377.4 |
| 335.1 | 70° | 361.8 | 335.1 | 335.1 | 556.1 | 461.4 | 643.5 | 7698.1 | 18567.7 |
| 276.8 | 72.5° | 303.6 | 274.4 | 255.0 | 444.4 | 344.8 | 471.1 | 4810.7 | 15901.3 |
| 211.3 | 75° | 242.8 | 221.0 | 196.7 | 293.8 | 257.4 | 357.0 | 2795.1 | 13174.2 |
| 133.6 | 77.5° | 174.8 | 165.1 | 138.4 | 216.1 | 187.0 | 257.4 | 1663.5 | 10165.4 |
| 82.6 | 80° | 89.9 | 92.3 | 87.4 | 123.8 | 126.3 | 174.8 | 947.1 | 6957.4 |
| 53.4 | 82.5° | 53.4 | 41.3 | 46.1 | 60.7 | 72.9 | 99.6 | 357.0 | 4089.5 |
| 38.9 | 85° | 34.0 | 21.9 | 21.9 | 29.1 | 36.4 | 38.9 | 109.3 | 1658.6 |
| 19.4 | 87.5° | 17.0 | 7.3 | 9.7 | 14.6 | 12.1 | 9.7 | 4.9 | 417.7 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)