

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: P530212

Luminaire Tested: **GALN-SA5B-830-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530212
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-830-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 80 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16865 lumens
Efficiency: N/A
Efficacy: 82.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 204
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

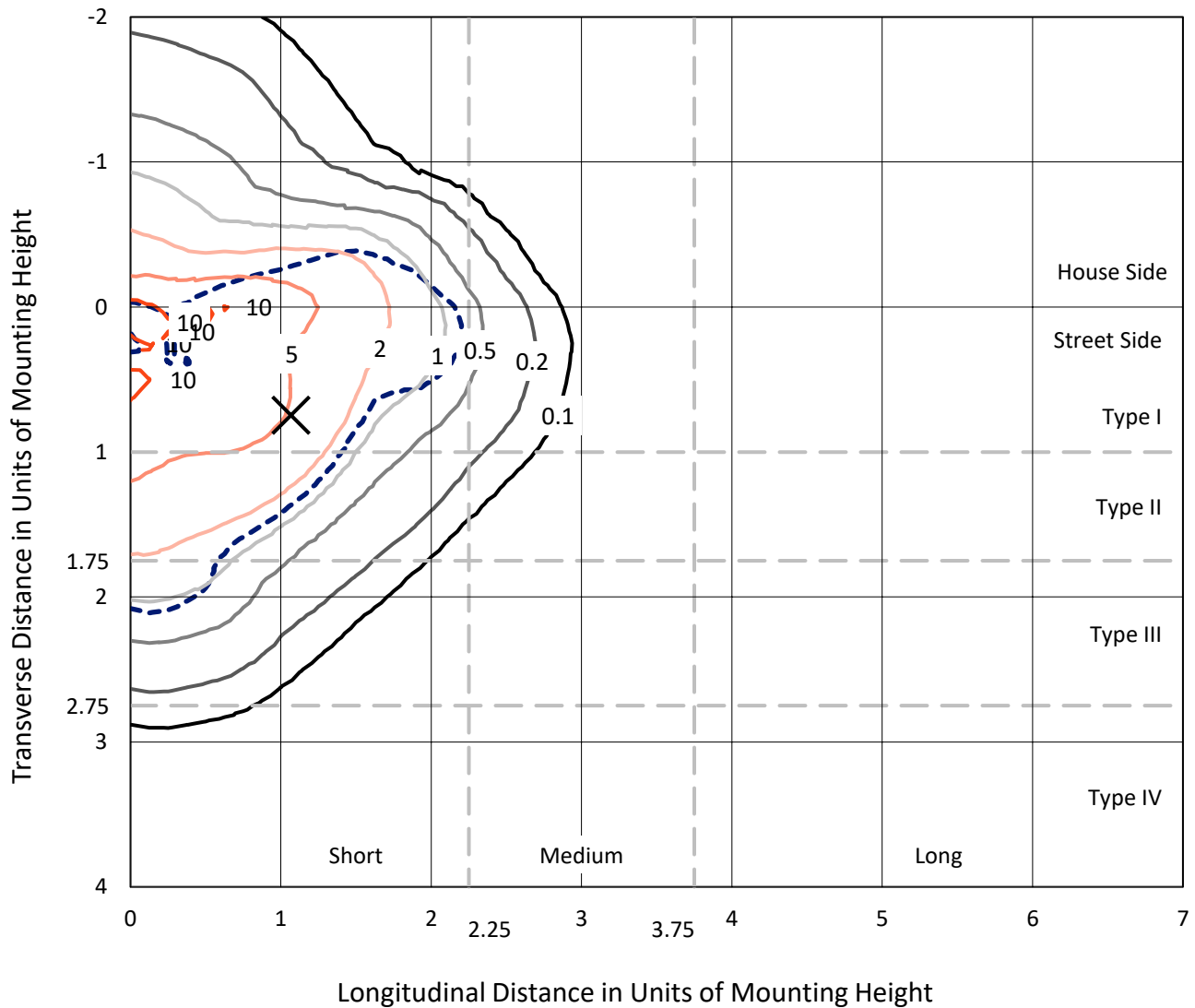


REPORT NUMBER: P530212

CATALOG NUMBER: GALN-SA5B-830-U-SLL-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd

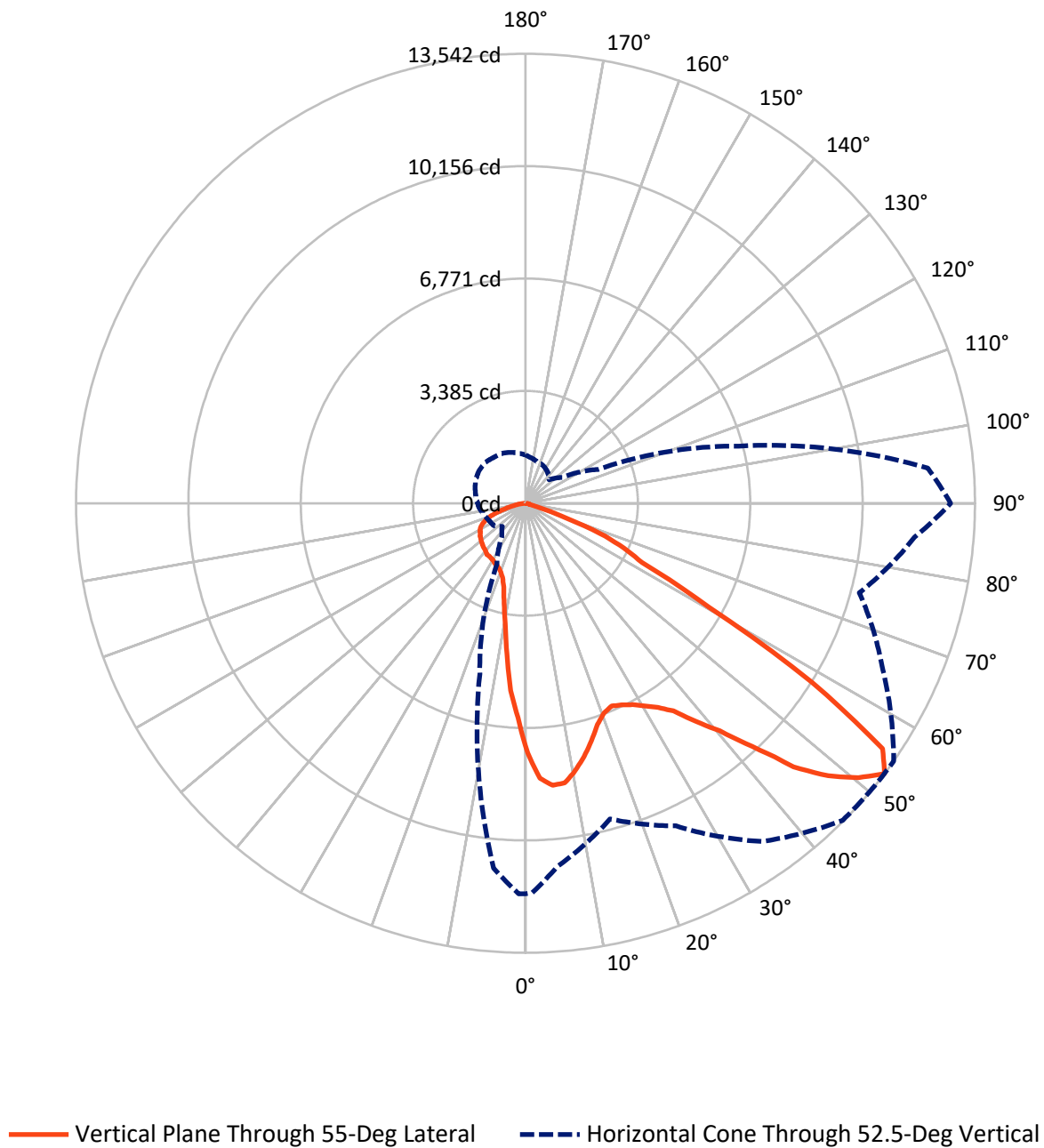


Based on 25 foot mounting height. Maximum calculated value = 12.8 fc
Type II - Short - N/A

REPORT NUMBER: P530212

CATALOG NUMBER: GALN-SA5B-830-U-SLL-GRSWH

Luminous Intensity Polar Plot



REPORT NUMBER: P530212

CATALOG NUMBER: GALN-SA5B-830-U-SLL-GRSWH

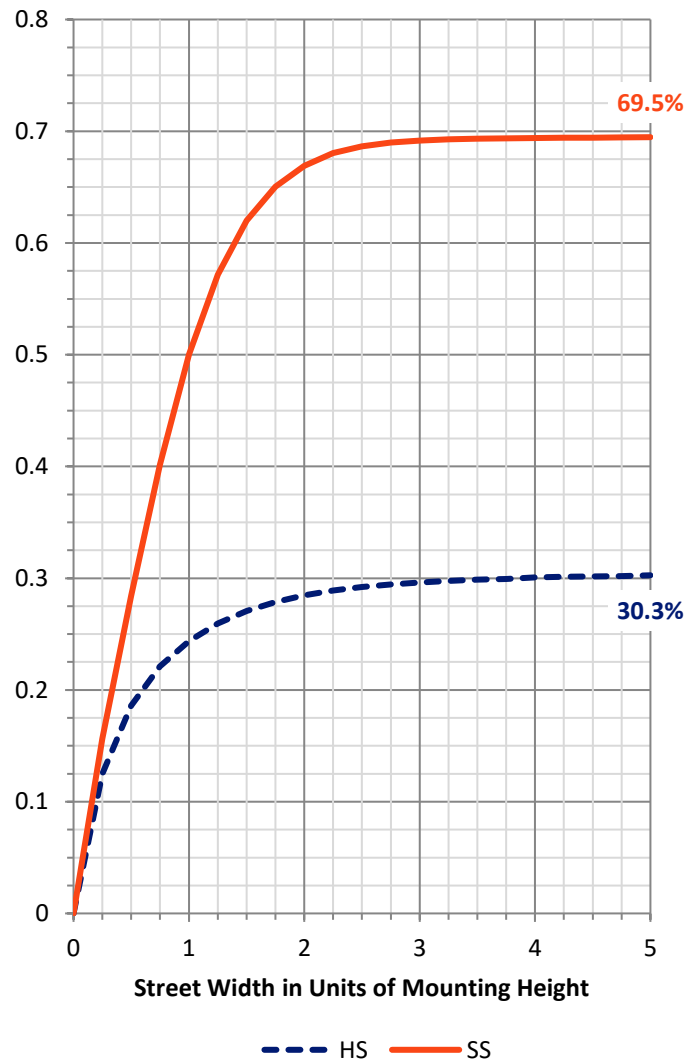
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5144.7	0.0	5144.7
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	11720.3	0.0	11720.3
	% Fixture	69.5	0.0	69.5
Total	Lumens	16865.0	0.0	16865.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	574.8	3.4
10°-20°	1239.2	7.3
20°-30°	1879.1	11.1
30°-40°	2715.0	16.1
40°-50°	3628.0	21.5
50°-60°	4049.6	24.0
60°-70°	2221.4	13.2
70°-80°	480.3	2.8
80°-90°	77.7	0.5
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°	16865.0	100.0
0°-180°	16865.0	100.0

Coefficient of Utilization



REPORT NUMBER: P530212

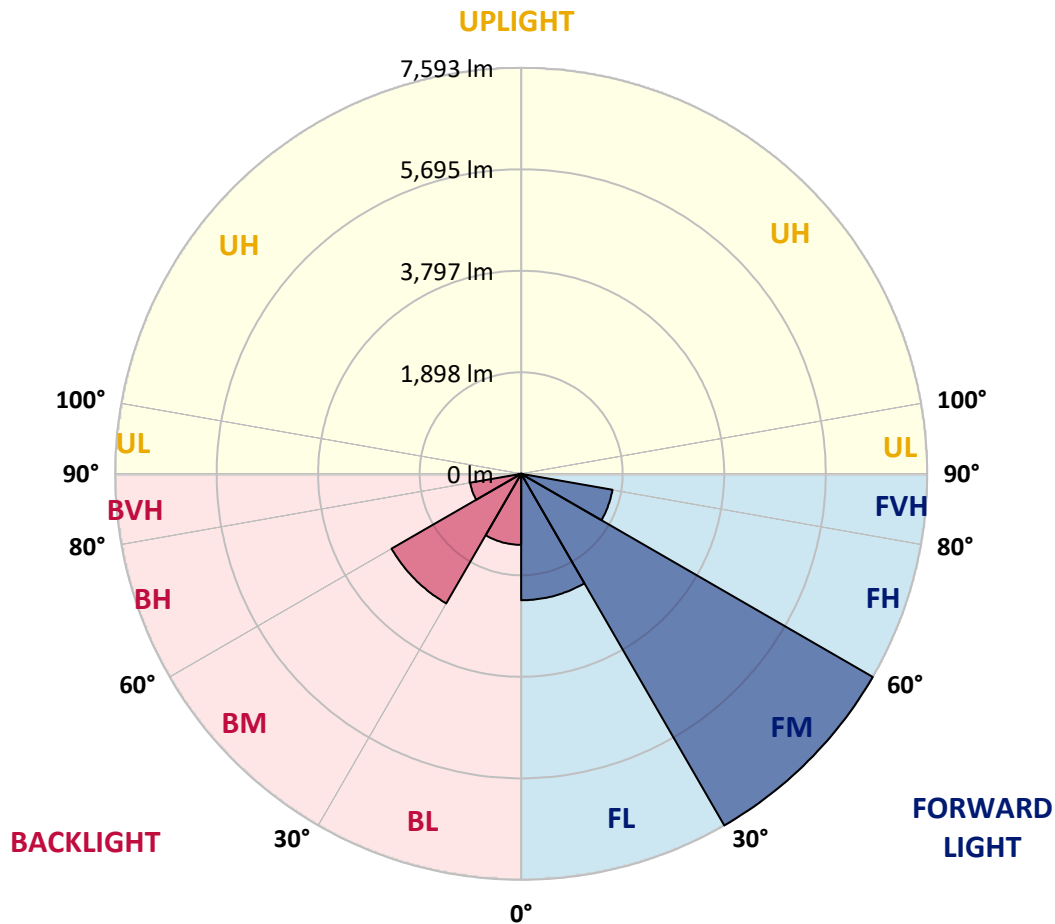
CATALOG NUMBER: GALN-SA5B-830-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2364.8	14.0			
FM	(30°-60°)	7593.4	45.0			
FH	(60°-80°)	1733.3	10.3			G1/1800
FVH	(80°-90°)	28.8	0.2			G1/100
BL	(0°-30°)	1328.3	7.9	B3/2500		
BM	(30°-60°)	2799.2	16.6	B3/5000		
BH	(60°-80°)	968.4	5.7	B2/1000		G2/1000
BVH	(80°-90°)	48.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type II Short



REPORT NUMBER: P530212

CATALOG NUMBER: GALN-SA5B-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1
2.5°	7894.9	7850.6	7890.0	8077.2	8185.5	8259.4	8306.2	8298.8	8121.5	7949.1	7949.1
5°	7663.5	7606.8	7688.1	8111.6	8537.7	8574.6	8636.2	8535.2	8274.2	7959.0	7565.0
7.5°	6993.6	7035.5	7170.9	7727.5	8281.6	8559.8	8633.7	8505.7	8082.1	7493.5	6914.8
10°	6414.9	6513.4	6826.2	7427.1	7936.8	8298.8	8380.1	8200.3	7865.4	7143.9	6626.7
12.5°	6215.5	6153.9	6501.1	7102.0	7589.6	7784.1	7821.1	7833.4	7606.8	6966.6	6336.1
15°	6190.9	6230.3	6501.1	6956.7	7257.1	7267.0	7328.6	7424.6	7454.1	7087.2	6471.6
17.5°	6545.5	6498.7	6776.9	7138.9	6996.1	6853.3	6868.1	7006.0	7249.8	7190.7	6897.6
20°	7070.0	7175.9	7395.0	7358.1	6973.9	6612.0	6614.4	6744.9	7225.1	7619.1	7491.1
22.5°	7941.7	8045.2	8207.7	7762.0	6973.9	6540.5	6456.8	6634.1	7382.7	8128.9	8160.9
25°	8737.1	8926.7	8971.1	8446.6	7323.6	6607.0	6552.8	6727.7	7540.3	8626.3	8929.2
27.5°	9461.1	9530.1	9724.6	8887.3	7518.2	6651.4	6646.4	6870.5	7739.8	8875.0	9616.3
30°	10032.4	10025.0	10135.9	9165.6	7828.5	6900.1	6661.2	7084.8	8000.8	9286.3	10251.6
32.5°	10421.5	10505.2	10739.2	9552.2	7959.0	7136.5	6949.3	7335.9	8318.5	9480.8	10699.8
35°	11106.1	11251.4	10955.9	9766.5	8372.7	7370.4	7151.2	7678.2	8476.1	9692.6	11248.9
37.5°	11751.3	11640.5	11340.0	9882.2	8641.1	7803.8	7599.4	8340.7	8966.1	10153.1	11613.4
40°	12165.0	12162.5	11628.2	9975.8	8830.7	8466.3	8453.9	9012.9	9567.0	10443.7	12022.2
42.5°	12344.8	12517.1	11746.4	9965.9	9229.6	9269.0	9517.8	10017.7	9993.0	10502.8	12012.3
44°	12591.0	12694.5	11950.8	9988.1	9495.6	9810.8	10396.9	10714.6	10364.9	10470.8	12000.0
45°	12581.2	12588.6	11660.2	10017.7	9722.2	10263.9	10788.4	11325.3	10692.4	10401.8	12162.5
47.5°	12293.1	12209.3	11413.9	9798.5	10428.9	11460.7	11945.8	12270.9	11096.3	10254.1	11960.6
50°	11724.2	11628.2	10815.5	9704.9	10576.7	12204.4	12874.2	12992.4	11463.2	10108.8	11761.1
52.5°	11763.6	11736.5	10985.4	9845.3	10724.4	12438.3	13512.0	13541.6	11879.3	10414.1	11763.6
55°	12467.9	12374.3	11473.0	10020.1	10616.1	12165.0	13105.7	13054.0	11739.0	10229.4	11980.3
57.5°	11409.0	11470.6	10798.3	9328.1	9291.2	9889.6	10303.3	10175.3	9796.0	9232.1	11145.5
60°	9205.0	9379.9	9443.9	7801.4	7010.9	6703.1	6579.9	6353.4	6417.4	7584.7	9791.1
62.5°	7894.9	7885.1	8286.5	7072.4	4592.7	3949.9	3890.8	3942.5	4681.3	7466.5	9589.2
65°	6259.8	6427.3	6550.4	5993.9	3634.7	2932.9	2930.4	3258.0	4050.9	6240.1	7742.3
67.5°	3974.6	4193.7	4346.4	3834.2	2430.5	2088.2	2031.6	2425.6	2807.3	4092.8	4661.6
70°	2240.9	2344.3	2413.3	2211.4	1546.5	1083.5	1019.5	1113.1	1696.7	2649.7	2763.0
72.5°	864.4	911.1	1004.7	1012.1	583.6	349.7	283.2	339.8	714.1	1049.0	999.8
75°	133.0	142.8	201.9	241.3	167.5	128.1	135.4	140.4	199.5	270.9	226.6
77.5°	64.0	64.0	61.6	71.4	83.7	91.1	98.5	108.4	118.2	130.5	125.6
80°	41.9	41.9	41.9	49.3	61.6	73.9	83.7	88.7	93.6	103.4	98.5
82.5°	27.1	27.1	27.1	36.9	49.3	61.6	66.5	78.8	88.7	103.4	96.0
85°	14.8	14.8	14.8	24.6	36.9	51.7	49.3	39.4	22.2	2.5	4.9
87.5°	4.9	4.9	4.9	4.9	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	0.0

REPORT NUMBER: P530212

CATALOG NUMBER: GALN-SA5B-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1
2.5°	7742.3	7629.0	7619.1	7387.7	7180.8	7079.8	6998.6	6772.0	6821.3	6690.8	6688.3
5°	7368.0	7136.5	6762.2	6454.3	6146.5	6085.0	5816.5	5582.6	5590.0	5422.5	5452.1
7.5°	6695.7	6535.6	6080.0	5597.4	5188.6	4898.0	4644.4	4491.7	4297.2	4230.7	4196.2
10°	6269.7	6072.7	5560.4	4954.7	4496.6	4341.5	4097.7	3962.2	3762.8	3664.3	3595.3
12.5°	6082.5	5794.4	5154.1	4538.5	4233.1	4073.1	3866.2	3620.0	3383.5	3292.4	3166.8
15°	6102.2	5757.4	5035.9	4371.0	4004.1	3693.8	3509.1	3235.8	2994.5	2834.4	2743.3
17.5°	6400.2	5981.5	5090.1	4243.0	3716.0	3326.9	2964.9	2669.4	2477.3	2356.7	2327.1
20°	7104.5	6535.6	5181.2	4036.1	3427.9	2942.7	2497.0	2189.2	2041.5	2039.0	2041.5
22.5°	7690.5	7126.6	5365.9	3913.0	3139.8	2450.2	2007.0	1908.5	1878.9	1940.5	1947.9
25°	8481.0	7791.5	5683.6	3849.0	2873.8	2088.2	1814.9	1778.0	1775.5	1854.3	1856.8
27.5°	9291.2	8372.7	5873.2	3661.8	2602.9	1901.1	1699.2	1691.8	1731.2	1814.9	1807.5
30°	9842.8	8860.3	6215.5	3437.7	2282.8	1736.1	1652.4	1662.2	1716.4	1780.4	1790.3
32.5°	10485.5	9340.5	6304.1	3314.6	2085.8	1598.2	1539.1	1561.3	1630.2	1731.2	1785.3
35°	11221.8	9680.3	6439.6	3147.1	2011.9	1492.3	1462.8	1487.4	1571.1	1637.6	1696.7
37.5°	11766.1	10281.2	6464.2	3016.6	1930.6	1433.2	1386.4	1467.7	1516.9	1610.5	1640.1
40°	12169.9	10717.0	6528.2	2935.4	1866.6	1356.9	1356.9	1411.0	1477.5	1563.7	1622.8
42.5°	12428.5	11034.7	6575.0	2861.5	1743.5	1334.7	1322.4	1376.6	1465.2	1548.9	1576.0
44°	12586.1	11170.1	6528.2	2792.5	1709.0	1307.6	1307.6	1354.4	1423.4	1521.9	1553.9
45°	12625.5	11340.0	6424.8	2790.1	1667.1	1275.6	1270.7	1359.3	1406.1	1526.8	1546.5
47.5°	12778.2	11549.4	6437.1	2711.3	1566.2	1199.3	1285.5	1324.9	1366.7	1472.6	1539.1
50°	12773.3	11679.9	6410.0	2595.5	1492.3	1113.1	1255.9	1300.2	1342.1	1450.4	1477.5
52.5°	12807.7	12167.5	6658.7	2410.8	1359.3	1002.3	1157.4	1255.9	1307.6	1398.7	1455.4
55°	12790.5	12445.7	6905.0	2272.9	1172.2	935.8	1073.7	1189.4	1263.3	1359.3	1386.4
57.5°	11682.3	11000.2	6390.3	2014.4	970.2	857.0	955.5	1120.5	1214.0	1312.5	1347.0
60°	9544.8	8478.6	5269.9	1482.5	797.9	788.0	889.0	1098.3	1137.7	1223.9	1283.0
62.5°	8820.9	7436.9	4178.9	1132.8	682.1	721.5	820.0	992.4	1054.0	1159.9	1214.0
65°	6902.5	4939.9	2588.1	765.9	600.9	647.7	741.2	869.3	970.2	1068.7	1132.8
67.5°	4087.8	2699.0	1280.5	536.8	524.5	573.8	669.8	765.9	881.6	989.9	1022.0
70°	2226.1	1327.3	546.7	408.8	445.7	490.0	583.6	650.1	760.9	844.7	898.8
72.5°	714.1	403.9	273.3	302.9	339.8	391.5	448.2	529.4	608.3	657.5	701.8
75°	172.4	169.9	194.5	211.8	246.3	285.7	332.4	374.3	435.9	482.7	522.1
77.5°	120.7	130.5	150.2	174.8	187.2	201.9	231.5	263.5	290.6	325.1	349.7
80°	93.6	101.0	115.7	128.1	140.4	152.7	167.5	179.8	197.0	219.2	231.5
82.5°	88.7	93.6	108.4	115.7	110.8	108.4	118.2	123.1	125.6	133.0	140.4
85°	7.4	0.0	4.9	17.2	41.9	61.6	66.5	66.5	64.0	69.0	69.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	9.9	7.4
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: P530212

CATALOG NUMBER: GALN-SA5B-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1
2.5°	6658.7	6575.0	6607.0	6646.4	6589.8	6459.3	6493.7	6479.0	6612.0	6602.1	6735.1
5°	5582.6	5452.1	5466.9	5658.9	5597.4	5663.9	5530.9	5513.7	5538.3	5550.6	5572.8
7.5°	4272.5	4255.3	4403.0	4565.6	4641.9	4563.1	4432.6	4403.0	4376.0	4321.8	4444.9
10°	3487.0	3491.9	3482.0	3605.2	3691.4	3674.1	3595.3	3585.5	3533.8	3514.1	3583.0
12.5°	3112.7	3046.2	3014.2	2974.8	3041.3	3085.6	3051.1	3026.5	3028.9	3053.6	3063.4
15°	2750.7	2708.8	2639.9	2595.5	2627.5	2605.4	2593.1	2642.3	2630.0	2625.1	2684.2
17.5°	2344.3	2378.8	2373.9	2324.6	2366.5	2349.3	2346.8	2312.3	2265.5	2231.1	2250.8
20°	2075.9	2140.0	2189.2	2191.7	2213.8	2211.4	2174.4	2068.5	2034.1	2026.7	2031.6
22.5°	1979.9	2014.4	2073.5	2157.2	2157.2	2117.8	2073.5	1950.3	1918.3	1883.9	1869.1
25°	1903.6	1970.0	2046.4	2056.2	2095.6	2058.7	1987.3	1925.7	1859.2	1812.4	1812.4
27.5°	1864.2	1938.0	1994.7	2011.9	2066.1	2036.5	1962.7	1883.9	1805.1	1802.6	1760.7
30°	1846.9	1915.9	1952.8	1994.7	2019.3	1972.5	1950.3	1866.6	1787.8	1768.1	1699.2
32.5°	1795.2	1893.7	1962.7	1952.8	1972.5	1952.8	1920.8	1851.8	1763.2	1718.9	1711.5
35°	1736.1	1834.6	1908.5	1960.2	1972.5	1930.6	1910.9	1817.4	1696.7	1674.5	1598.2
37.5°	1704.1	1763.2	1854.3	1938.0	1955.3	1933.1	1866.6	1770.6	1649.9	1625.3	1558.8
40°	1664.7	1741.0	1812.4	1881.4	1933.1	1878.9	1802.6	1709.0	1654.8	1581.0	1561.3
42.5°	1635.1	1721.3	1780.4	1856.8	1915.9	1844.5	1755.8	1691.8	1615.4	1566.2	1509.5
44°	1625.3	1704.1	1743.5	1837.1	1886.3	1832.1	1758.3	1691.8	1603.1	1558.8	1509.5
45°	1590.8	1699.2	1741.0	1824.8	1866.6	1822.3	1728.7	1662.2	1598.2	1544.0	1492.3
47.5°	1556.3	1630.2	1701.6	1768.1	1797.7	1782.9	1704.1	1622.8	1546.5	1514.5	1465.2
50°	1546.5	1620.4	1686.8	1748.4	1782.9	1753.3	1681.9	1603.1	1514.5	1462.8	1420.9
52.5°	1497.2	1588.3	1662.2	1681.9	1726.2	1709.0	1654.8	1568.6	1484.9	1440.6	1406.1
55°	1425.8	1521.9	1622.8	1647.4	1711.5	1684.4	1603.1	1521.9	1450.4	1384.0	1339.6
57.5°	1398.7	1492.3	1590.8	1622.8	1662.2	1617.9	1598.2	1512.0	1398.7	1364.3	1295.3
60°	1329.8	1448.0	1529.2	1603.1	1605.6	1593.3	1558.8	1460.3	1366.7	1302.7	1253.4
62.5°	1275.6	1386.4	1450.4	1519.4	1561.3	1526.8	1492.3	1401.2	1300.2	1228.8	1172.2
65°	1196.8	1297.8	1351.9	1393.8	1440.6	1435.7	1376.6	1310.1	1204.2	1147.5	1093.4
67.5°	1076.1	1164.8	1238.7	1278.1	1307.6	1300.2	1255.9	1209.1	1100.8	1044.1	1004.7
70°	930.8	1022.0	1068.7	1090.9	1120.5	1135.2	1100.8	1078.6	982.6	908.7	871.7
72.5°	748.6	807.7	876.7	896.4	908.7	918.5	918.5	898.8	800.3	770.8	706.8
75°	551.6	598.4	650.1	650.1	672.3	674.7	679.7	667.4	593.5	554.1	539.3
77.5°	374.3	408.8	450.6	467.9	482.7	480.2	477.7	443.3	403.9	386.6	371.8
80°	243.8	278.3	298.0	320.1	334.9	332.4	337.4	312.7	295.5	266.0	270.9
82.5°	145.3	172.4	192.1	219.2	219.2	226.6	226.6	219.2	201.9	187.2	187.2
85°	69.0	91.1	103.4	120.7	130.5	133.0	118.2	101.0	83.7	76.3	83.7
87.5°	12.3	17.2	24.6	22.2	27.1	24.6	24.6	24.6	24.6	19.7	22.2
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: P530212

CATALOG NUMBER: GALN-SA5B-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1	7523.1
2.5°	6685.8	6809.0	6895.1	7038.0	7284.2	7481.2	7683.2	7833.4	7850.6	7894.9
5°	5654.0	5720.5	5939.7	6225.3	6427.3	6759.7	6973.9	7363.0	7508.3	7663.5
7.5°	4415.4	4523.7	4816.8	5008.8	5452.1	5868.3	6299.2	6779.4	6971.5	6993.6
10°	3723.4	3881.0	4080.4	4388.3	4629.6	5092.6	5629.4	6163.8	6378.0	6414.9
12.5°	3270.3	3472.2	3738.2	3959.8	4191.3	4595.1	5109.8	5769.8	6048.0	6215.5
15°	2834.4	3043.7	3336.8	3644.6	3849.0	4331.6	4937.4	5681.1	6043.1	6190.9
17.5°	2386.2	2580.8	2822.1	3154.5	3565.8	4107.5	4910.3	5976.6	6373.1	6545.5
20°	2002.1	2110.4	2391.1	2733.4	3248.1	3878.5	4920.2	6412.5	6993.6	7070.0
22.5°	1851.8	1876.5	1987.3	2302.5	2866.4	3644.6	5095.0	7030.6	7690.5	7941.7
25°	1736.1	1731.2	1760.7	1972.5	2588.1	3553.5	5267.4	7599.4	8463.8	8737.1
27.5°	1672.1	1622.8	1625.3	1824.8	2391.1	3405.7	5489.0	8252.0	9340.5	9461.1
30°	1640.1	1630.2	1600.7	1681.9	2176.9	3184.1	5526.0	8894.7	9857.6	10032.4
32.5°	1620.4	1524.3	1487.4	1516.9	1975.0	2942.7	5663.9	9318.3	10497.9	10421.5
35°	1521.9	1435.7	1411.0	1440.6	1832.1	2807.3	5572.8	9687.7	10978.1	11106.1
37.5°	1484.9	1408.6	1359.3	1334.7	1699.2	2694.0	5526.0	10256.5	11443.5	11751.3
40°	1450.4	1369.2	1310.1	1285.5	1595.7	2543.8	5511.2	10694.9	11980.3	12165.0
42.5°	1411.0	1359.3	1292.8	1248.5	1470.1	2393.6	5341.3	10830.3	12145.3	12344.8
44°	1398.7	1319.9	1251.0	1236.2	1420.9	2317.3	5306.8	10953.4	12288.1	12591.0
45°	1386.4	1312.5	1233.7	1214.0	1403.7	2275.4	5260.0	10983.0	12524.5	12581.2
47.5°	1351.9	1305.2	1228.8	1174.6	1366.7	2184.3	5119.6	10815.5	12283.2	12293.1
50°	1324.9	1270.7	1191.9	1086.0	1317.5	2107.9	5183.7	10754.0	11702.0	11724.2
52.5°	1295.3	1214.0	1169.7	987.5	1236.2	2043.9	5319.1	11032.2	11768.5	11763.6
55°	1260.8	1172.2	1063.8	903.8	1100.8	1962.7	5646.6	11581.4	12384.2	12467.9
57.5°	1206.7	1130.3	975.2	829.9	945.6	1807.5	5540.7	10529.9	11394.2	11409.0
60°	1135.2	1063.8	884.1	773.2	775.7	1425.8	4954.7	8205.2	8990.8	9205.0
62.5°	1066.3	1026.9	807.7	692.0	660.0	1135.2	4188.8	6818.8	7717.6	7894.9
65°	985.0	889.0	741.2	630.4	566.4	795.4	2967.4	5095.0	6020.9	6259.8
67.5°	881.6	778.2	652.6	554.1	485.1	531.9	1531.7	2896.0	3834.2	3974.6
70°	770.8	674.7	549.1	467.9	391.5	366.9	674.7	1381.5	2095.6	2240.9
72.5°	632.9	544.2	438.3	369.4	293.0	253.6	226.6	369.4	743.7	864.4
75°	458.0	396.5	330.0	263.5	206.9	162.5	133.0	110.8	123.1	133.0
77.5°	337.4	288.1	243.8	187.2	145.3	115.7	91.1	69.0	66.5	64.0
80°	263.5	233.9	194.5	150.2	113.3	86.2	64.0	46.8	41.9	41.9
82.5°	206.9	192.1	160.1	123.1	93.6	69.0	46.8	32.0	27.1	27.1
85°	78.8	78.8	115.7	101.0	71.4	49.3	32.0	17.2	14.8	14.8
87.5°	19.7	19.7	19.7	19.7	17.2	14.8	14.8	7.4	4.9	4.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)