

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: P652456

Luminaire Tested: **GALN-SA6B-840-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P652456
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA6B-840-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 4000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24460.5 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

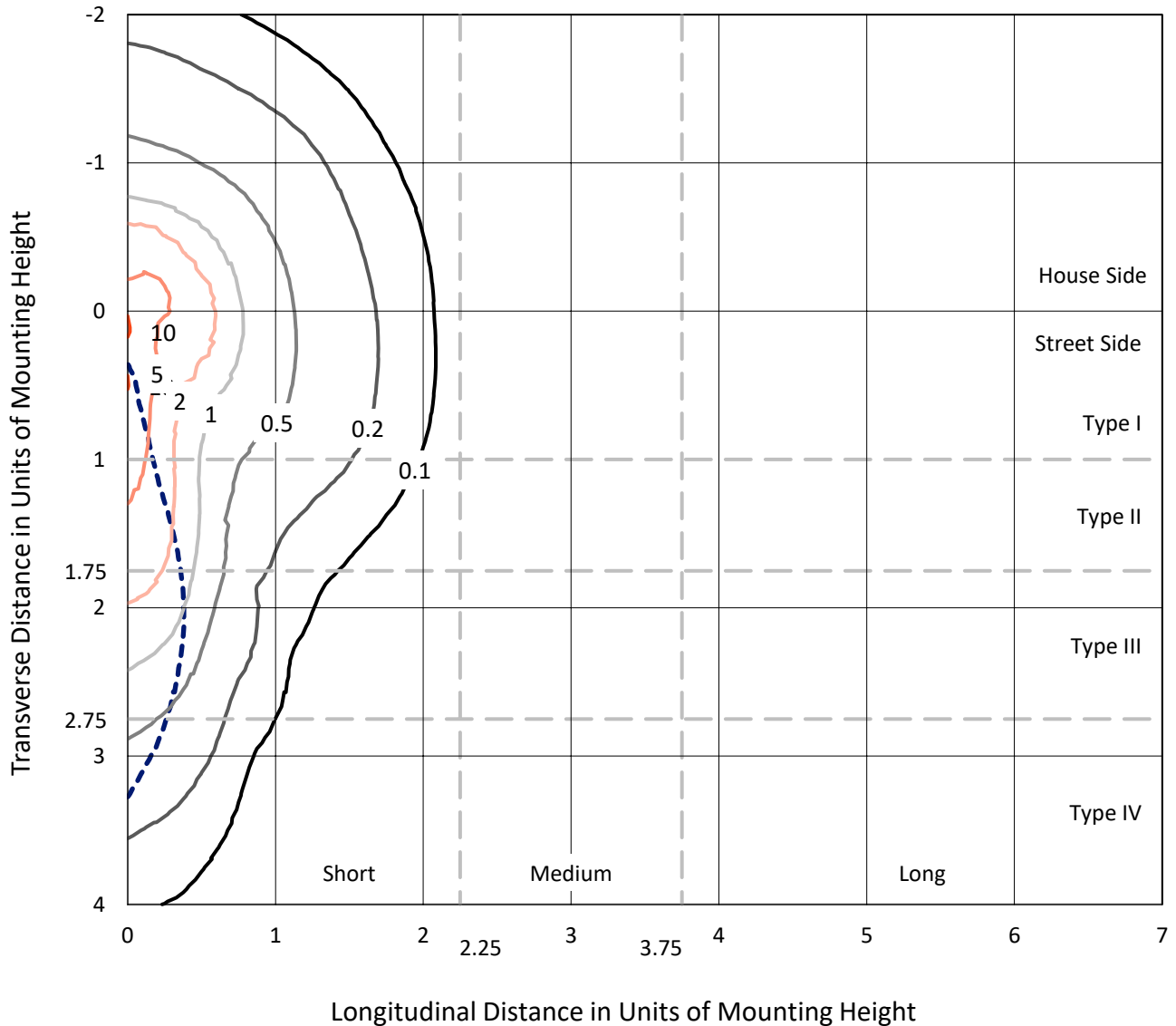
Input Watts (W): 243
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P652456
 CATALOG NUMBER: GALN-SA6B-840-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

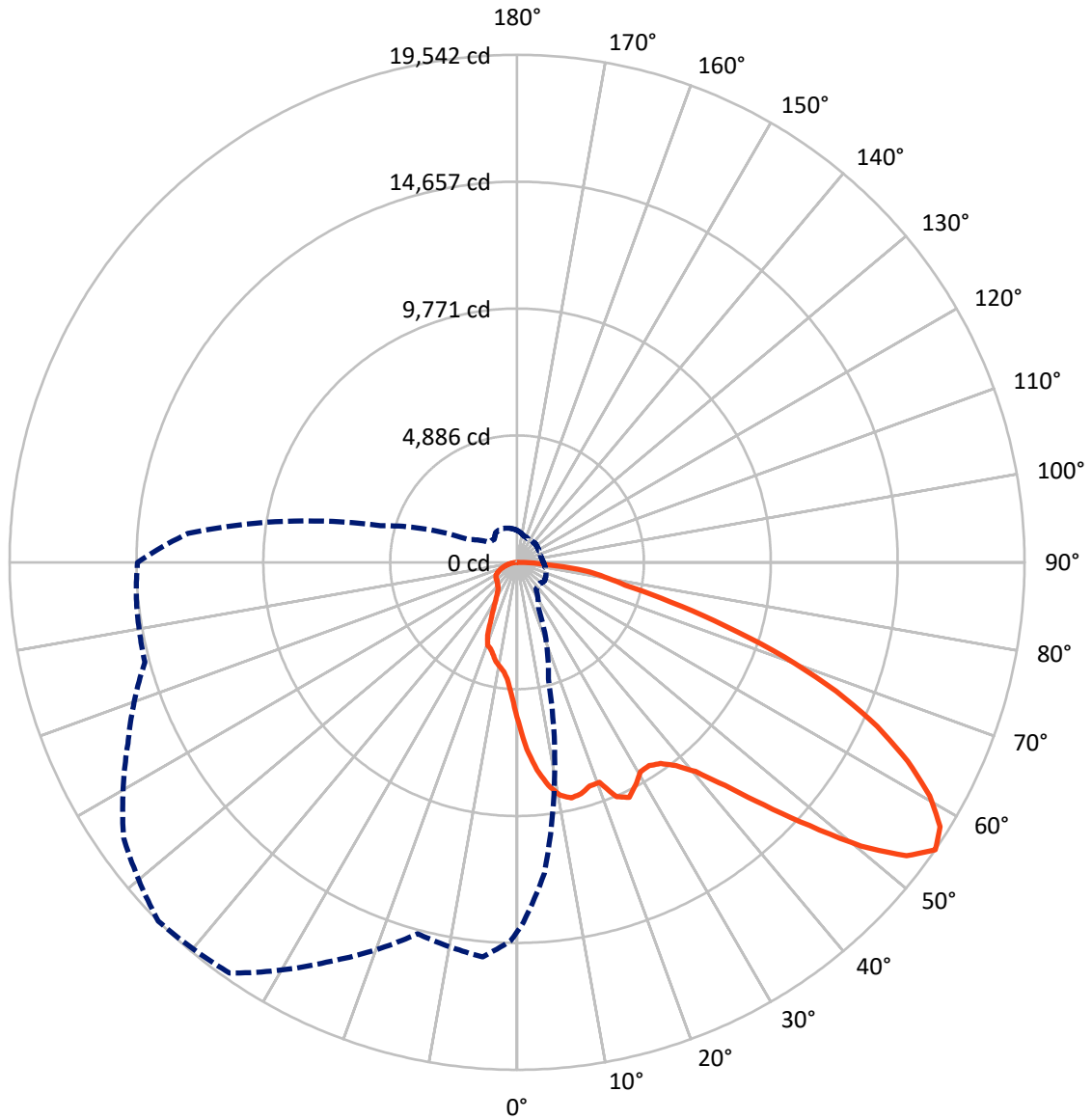
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P652456
CATALOG NUMBER: GALN-SA6B-840-U-SLR

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P652456
 CATALOG NUMBER: GALN-SA6B-840-U-SLR

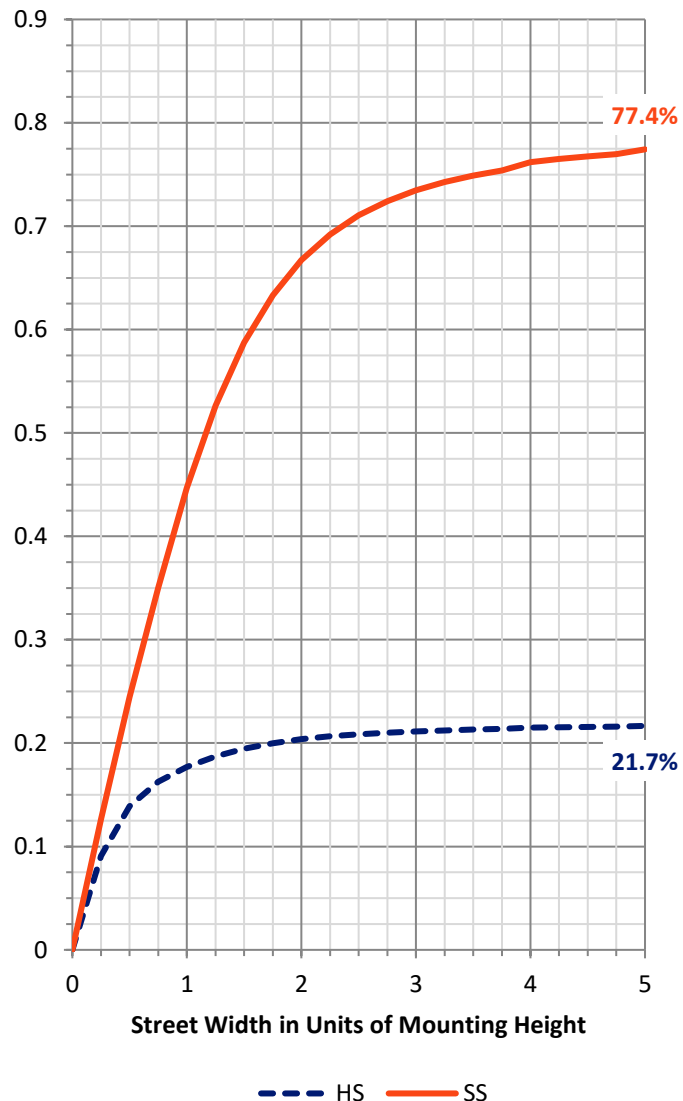
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5350.6	0.0	5350.6
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	19109.9	0.0	19109.9
	% Fixture	78.1	0.0	78.1
Total	Lumens	24460.5	0.0	24460.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	520.3	2.1
10°-20°	1380.3	5.6
20°-30°	2384.5	9.7
30°-40°	2771.2	11.3
40°-50°	3866.3	15.8
50°-60°	5246.2	21.4
60°-70°	4991.1	20.4
70°-80°	2696.3	11.0
80°-90°	604.3	2.5
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°	24460.5	100.0
0°-180°	24460.5	100.0

Coefficient of Utilization

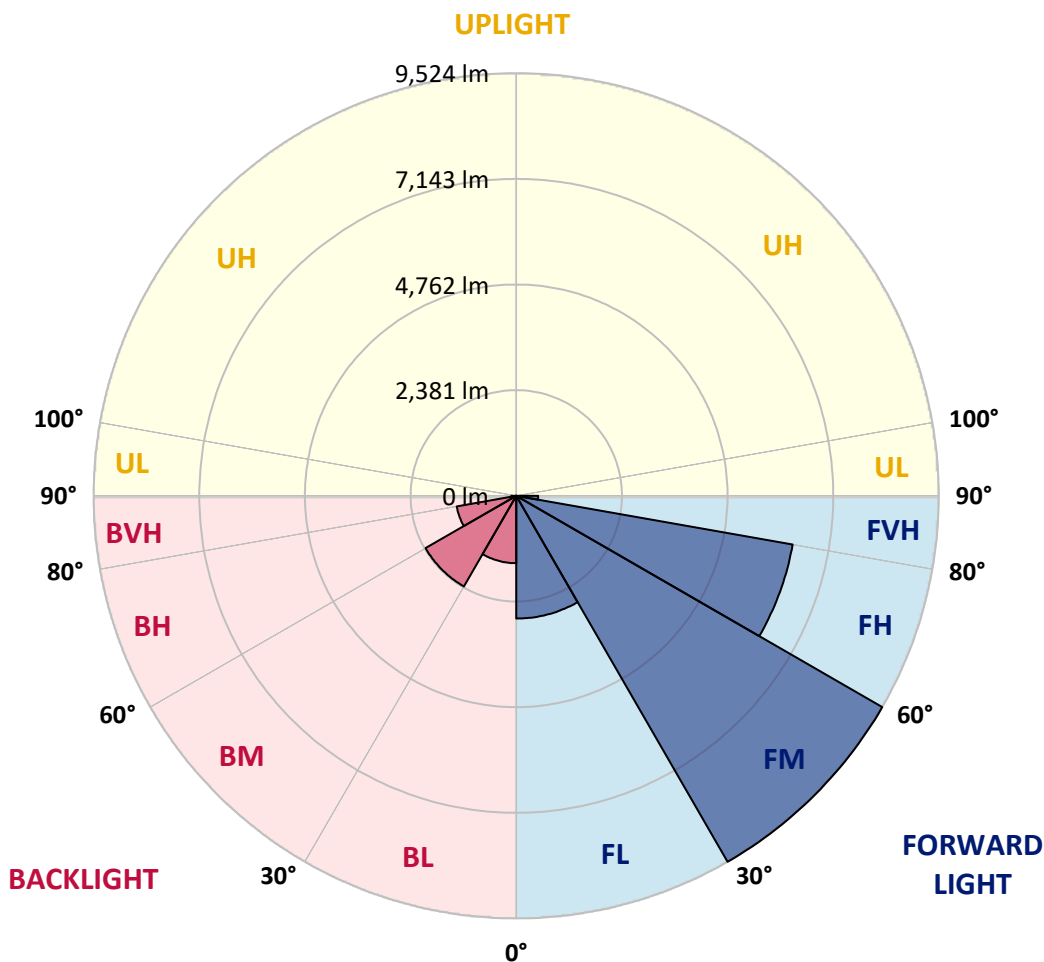


REPORT NUMBER: P652456
 CATALOG NUMBER: GALN-SA6B-840-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2766.5	11.3			
FM (30°-60°)	9524.4	38.9			
FH (60°-80°)	6325.1	25.9			G3/7500
FVH (80°-90°)	493.9	2.0			G3/500
BL (0°-30°)	1518.5	6.2	B3/2500		
BM (30°-60°)	2359.3	9.6	B2/2500		
BH (60°-80°)	1362.4	5.6	B3/2500		G3/2500
BVH (80°-90°)	110.4	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
 Type IV Short





REPORT NUMBER: P652456

CATALOG NUMBER: GALN-SA6B-840-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6
2.5°	6819.6	6793.8	6721.2	6530.8	6338.7	6143.5	5993.4	5806.2	5610.9	5506.0	5372.1
5°	6913.2	6884.2	6713.1	6283.9	5895.0	5486.7	5160.7	4875.1	4758.9	4587.8	4450.7
7.5°	6693.8	6680.8	6424.2	5807.8	5275.3	4741.1	4371.6	4142.4	3934.3	3856.8	3873.0
10°	6493.6	6442.0	6120.9	5315.6	4694.4	4260.3	3995.6	3771.3	3624.5	3585.7	3593.8
12.5°	6327.4	6258.0	5878.8	4984.8	4441.0	4094.1	3756.7	3522.8	3388.8	3426.0	3551.8
15°	6293.5	6199.9	5777.2	4871.8	4302.2	3855.2	3485.7	3216.2	3116.1	3196.8	3398.5
17.5°	6513.0	6395.2	5951.4	4909.0	4169.8	3611.5	3158.0	2849.8	2766.0	2895.1	3158.0
20°	7218.2	7044.0	6495.3	5123.6	4157.0	3490.5	2967.6	2657.8	2693.3	2938.6	3213.0
22.5°	8522.1	8260.6	7447.4	5436.6	4224.8	3459.9	2929.0	2767.6	2962.8	3171.0	3351.7
25°	8780.3	8575.3	7618.5	5507.6	4210.2	3438.8	3038.6	3119.4	3337.2	3440.4	3377.5
27.5°	8925.5	8691.6	7607.1	5155.8	3764.8	3119.4	2904.7	3038.6	3093.5	2993.5	2822.4
30°	9264.5	9020.7	7799.2	4786.3	3100.0	2314.1	2028.5	1973.6	2010.7	2030.1	1968.8
32.5°	9730.8	9490.3	8160.6	4544.3	2680.4	1913.9	1633.1	1555.6	1537.9	1516.9	1492.7
35°	10334.3	9964.8	8515.6	4389.3	2507.7	1770.2	1512.0	1452.3	1428.2	1399.1	1373.3
37.5°	10947.5	10560.3	8964.3	4226.4	2393.1	1670.2	1431.4	1404.0	1362.0	1331.3	1294.2
40°	11599.5	11165.4	9372.5	4084.3	2281.8	1605.6	1373.3	1370.1	1315.2	1279.7	1236.1
42.5°	12164.3	11717.3	9737.3	3997.2	2196.3	1537.9	1337.8	1347.5	1291.0	1237.7	1181.3
45°	12612.9	12174.0	10074.5	3997.2	2126.9	1470.1	1331.3	1324.9	1268.4	1202.2	1137.7
47.5°	13006.7	12553.2	10403.7	4098.9	2083.3	1413.6	1295.8	1307.1	1249.1	1165.1	1102.2
50°	13311.7	12911.5	10847.5	4257.1	2039.8	1368.5	1250.7	1312.0	1232.9	1145.8	1073.1
52.5°	13700.6	13342.3	11381.7	4473.3	2002.7	1318.4	1210.3	1312.0	1231.3	1147.4	1068.3
55°	14239.6	13862.0	12025.5	4652.4	1943.0	1271.6	1174.8	1274.9	1226.4	1139.3	1055.4
57.5°	14617.2	14334.8	12480.6	4771.8	1857.4	1211.9	1142.5	1239.4	1205.5	1108.6	1016.7
58°	14634.9	14359.0	12546.7	4799.3	1836.4	1200.6	1134.4	1223.2	1195.7	1095.7	1003.7
60°	14431.6	14194.4	12559.7	4760.5	1717.0	1144.1	1092.5	1157.0	1144.1	1019.9	934.4
62.5°	13692.5	13439.1	12038.4	4445.9	1558.9	1074.7	1028.0	1068.3	1039.2	913.4	834.3
65°	12642.0	12175.6	10966.9	3952.0	1445.9	1000.5	940.8	944.0	913.4	823.0	753.6
67.5°	11242.8	10721.7	9285.4	3330.7	1360.4	918.2	837.6	829.5	792.3	734.3	677.8
70°	9521.0	9164.4	7545.8	2709.4	1265.2	827.9	721.3	716.5	693.9	650.3	600.3
72.5°	7716.8	7263.4	6093.5	2168.9	1149.0	740.7	613.3	622.9	593.8	563.2	518.0
75°	5694.8	5398.0	4710.4	1739.6	992.5	645.5	511.6	514.8	501.9	469.6	434.1
77.5°	3750.3	3661.5	3369.5	1142.5	763.3	513.2	418.0	421.2	411.5	382.5	345.3
80°	2523.8	2464.1	2283.4	735.9	509.9	371.1	322.8	326.0	324.4	293.7	243.6
82.5°	1555.6	1529.8	1471.8	497.0	353.4	266.3	213.0	222.7	240.4	206.5	166.2
85°	734.3	735.9	889.2	271.1	208.1	171.1	116.2	124.2	124.2	124.2	93.6
87.5°	95.2	100.1	122.6	114.5	75.9	64.6	42.0	35.5	30.7	40.4	29.0
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: P652456
 CATALOG NUMBER: GALN-SA6B-840-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6
2.5°	5325.3	5293.0	5223.6	5207.5	5197.8	5225.2	5152.6	5172.0	5139.7	5230.1	5215.5
5°	4458.7	4461.9	4518.4	4555.5	4568.5	4555.5	4507.2	4423.2	4358.7	4332.8	4339.3
7.5°	3842.3	3898.8	3995.6	4103.7	4202.1	4231.2	4203.7	4044.0	3869.7	3760.0	3724.5
10°	3637.3	3713.2	3824.5	3910.1	3997.2	4066.6	4081.1	3956.9	3750.3	3490.5	3388.8
12.5°	3648.7	3752.0	3858.4	3885.8	3877.8	3905.2	3892.3	3871.4	3735.8	3405.0	3235.5
15°	3542.1	3664.7	3739.0	3724.5	3698.6	3674.5	3640.6	3587.3	3538.9	3306.6	3119.4
17.5°	3296.9	3422.7	3484.0	3488.9	3488.9	3482.4	3400.2	3380.7	3374.3	3261.3	3146.8
20°	3342.0	3411.4	3384.0	3338.8	3351.7	3395.3	3346.8	3337.2	3374.3	3424.3	3403.4
22.5°	3367.9	3343.6	3137.1	2937.0	2891.8	3027.3	3054.8	3162.9	3313.0	3493.7	3611.5
25°	3208.1	3012.8	2643.3	2417.4	2289.9	2415.8	2580.4	2780.4	3004.7	3237.2	3374.3
27.5°	2682.0	2533.6	2268.9	2065.6	1954.2	1973.6	2114.0	2296.4	2504.5	2661.0	2761.1
30°	2020.4	1954.2	1817.1	1747.7	1679.9	1663.8	1723.5	1792.8	1884.8	1904.2	1930.0
32.5°	1487.9	1478.1	1486.2	1463.7	1450.7	1449.1	1431.4	1447.5	1457.2	1468.5	1445.9
35°	1345.9	1332.9	1310.4	1303.9	1295.8	1299.1	1291.0	1282.9	1289.3	1299.1	1305.5
37.5°	1273.3	1253.8	1221.6	1210.3	1210.3	1215.2	1202.2	1199.0	1210.3	1241.0	1257.1
40°	1216.8	1194.1	1157.0	1142.5	1152.2	1165.1	1147.4	1140.9	1168.3	1200.6	1226.4
42.5°	1163.5	1145.8	1110.2	1094.1	1102.2	1126.4	1100.5	1095.7	1131.2	1166.7	1197.4
45°	1118.3	1100.5	1068.3	1060.2	1063.4	1086.1	1068.3	1068.3	1102.2	1140.9	1168.3
47.5°	1082.8	1060.2	1039.2	1032.7	1036.0	1048.9	1045.7	1045.7	1078.0	1118.3	1145.8
50°	1047.3	1028.0	1000.5	1003.7	1011.8	1029.6	1028.0	1032.7	1065.0	1115.1	1144.1
52.5°	1031.2	1002.1	971.4	974.7	998.9	1019.9	1013.4	1018.3	1055.4	1149.0	1190.9
55°	1013.4	974.7	939.2	944.0	971.4	1002.1	994.1	1000.5	1044.1	1171.6	1229.6
57.5°	979.5	934.4	895.6	898.9	939.2	971.4	958.6	966.6	1018.3	1147.4	1208.7
58°	965.0	926.3	889.2	890.8	929.5	965.0	950.5	957.0	1010.2	1140.9	1199.0
60°	903.7	881.1	848.8	850.4	887.6	918.2	910.1	916.6	968.2	1094.1	1137.7
62.5°	819.8	806.9	798.8	798.8	821.4	850.4	858.5	866.6	913.4	989.2	1028.0
65°	729.4	729.4	731.0	731.0	745.5	782.6	787.5	808.5	852.0	889.2	918.2
67.5°	668.1	664.9	668.1	660.0	666.5	689.0	713.3	732.6	777.8	803.7	813.3
70°	589.0	587.4	589.0	577.7	585.8	605.2	621.2	653.5	700.4	719.7	724.6
72.5°	511.6	511.6	514.8	506.7	506.7	527.7	539.0	574.5	618.1	629.3	631.0
75°	430.8	435.7	435.7	424.5	427.6	440.5	455.1	484.1	524.4	532.5	532.5
77.5°	342.1	359.9	359.9	348.6	353.4	355.0	374.4	388.9	419.6	422.8	409.9
80°	248.5	266.3	280.8	271.1	279.2	269.5	280.8	290.5	321.1	306.6	285.6
82.5°	177.5	190.4	201.8	203.4	195.3	177.5	192.0	193.7	208.1	188.8	177.5
85°	98.4	109.8	124.2	117.8	104.9	93.6	98.4	101.7	100.1	95.2	88.7
87.5°	25.8	27.4	30.7	22.6	20.9	17.7	24.2	24.2	27.4	29.0	27.4
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: P652456

CATALOG NUMBER: GALN-SA6B-840-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6
2.5°	5226.9	5297.9	5451.2	5567.3	5709.4	5882.0	6085.4	6290.3	6511.4	6580.8	6677.6
5°	4324.8	4502.3	4576.6	4787.9	4997.7	5312.4	5648.1	6037.0	6463.0	6668.0	6864.8
7.5°	3695.4	3790.6	3868.1	4023.0	4274.8	4657.2	5078.4	5564.1	6167.6	6466.2	6755.1
10°	3356.5	3366.3	3461.5	3653.5	3873.0	4210.2	4608.8	5152.6	5825.5	6188.7	6527.5
12.5°	3132.2	3090.3	3193.5	3393.7	3642.2	3953.6	4320.0	4837.9	5578.7	5951.4	6361.3
15°	2935.3	2869.2	2946.7	3151.6	3396.9	3763.2	4157.0	4705.6	5481.8	5915.9	6371.0
17.5°	2940.2	2757.9	2785.3	2958.0	3201.6	3574.4	4052.1	4700.8	5628.7	6129.0	6668.0
20°	3303.3	3011.2	2887.0	2919.2	3154.8	3561.5	4100.5	4926.7	6111.2	6840.6	7416.7
22.5°	3659.9	3484.0	3283.9	3217.8	3346.8	3772.9	4408.7	5460.9	7160.1	8259.0	9299.9
25°	3535.6	3685.8	3635.7	3542.1	3571.2	3924.6	4618.5	5899.8	7975.0	9212.8	10190.7
27.5°	2828.9	3101.6	3156.4	3154.8	3166.1	3456.6	4153.7	5604.5	8076.7	9395.1	10329.5
30°	1988.1	2012.3	2041.4	2097.9	2149.5	2409.3	3250.0	4920.3	8031.6	9477.4	10413.4
32.5°	1434.6	1466.9	1507.2	1584.7	1707.3	2038.2	2843.4	4702.4	8270.4	9817.9	10658.7
35°	1312.0	1349.0	1387.8	1476.5	1592.8	1899.4	2682.0	4612.0	8662.5	10369.9	11099.3
37.5°	1273.3	1315.2	1349.0	1413.6	1507.2	1799.3	2535.2	4550.7	9064.3	10954.0	11689.8
40°	1245.8	1294.2	1321.6	1373.3	1437.9	1707.3	2404.4	4502.3	9453.3	11488.1	12164.3
42.5°	1221.6	1271.6	1307.1	1344.3	1397.5	1625.1	2288.3	4453.9	9790.5	12006.1	12637.1
45°	1192.5	1255.4	1300.7	1329.7	1376.5	1555.6	2199.6	4415.2	10174.6	12466.1	13114.8
47.5°	1168.3	1237.7	1294.2	1328.1	1345.9	1507.2	2128.5	4468.4	10636.1	12946.9	13558.5
50°	1169.9	1236.1	1307.1	1360.4	1313.6	1466.9	2084.9	4679.8	11236.4	13518.2	13908.7
52.5°	1221.6	1302.3	1358.7	1371.7	1268.4	1418.4	2062.4	5049.4	11946.4	14023.3	14262.1
55°	1279.7	1363.6	1424.9	1416.8	1244.2	1357.1	2057.5	5443.1	12724.2	14612.3	14722.0
57.5°	1258.7	1381.3	1474.9	1433.0	1245.8	1297.4	2036.6	5761.0	13374.6	15052.9	15177.1
58°	1252.2	1374.9	1481.4	1429.8	1241.0	1279.7	2031.7	5788.4	13465.0	15083.5	15241.7
60°	1189.3	1318.4	1476.5	1405.6	1213.6	1231.3	1978.5	5877.2	13440.8	14925.4	15280.4
62.5°	1074.7	1181.3	1365.2	1287.7	1129.6	1166.7	1859.0	5767.5	12785.6	14163.7	14714.0
65°	945.6	1024.8	1147.4	1132.8	1010.2	1100.5	1696.0	5333.4	11473.6	12927.6	13506.9
67.5°	848.8	913.4	990.9	969.8	908.5	1011.8	1520.1	4599.1	10001.9	11443.0	12172.4
70°	750.4	800.4	839.1	824.6	805.3	924.7	1363.6	3732.5	8591.5	10032.5	10739.4
72.5°	650.3	697.1	729.4	708.5	697.1	832.7	1236.1	2896.7	6785.7	8276.8	9185.3
75°	543.8	590.6	613.3	589.0	582.6	734.3	1047.3	2164.0	5091.3	6380.7	7165.0
77.5°	421.2	471.2	500.2	492.2	495.4	603.5	845.6	1481.4	3640.6	4349.0	5175.3
80°	295.3	350.2	369.5	361.5	384.1	459.9	597.1	940.8	2511.0	2822.4	3405.0
82.5°	182.3	234.0	237.2	245.3	261.4	340.5	450.3	572.9	1576.6	1629.9	2052.6
85°	92.0	111.3	119.4	132.3	146.8	208.1	256.6	355.0	1015.0	768.2	1147.4
87.5°	30.7	32.3	38.8	48.4	59.7	85.5	109.8	145.2	251.7	138.8	355.0
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: P652456
 CATALOG NUMBER: GALN-SA6B-840-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6	6138.6
2.5°	6872.9	7010.1	7110.1	7202.1	7113.3	7105.3	7018.1	6877.7	6819.6	6819.6
5°	7277.9	7599.0	7858.9	8025.1	7954.1	7783.0	7500.6	7140.8	6947.1	6913.2
7.5°	7389.3	8023.5	8506.0	8677.0	8557.6	8180.0	7639.4	7032.6	6755.1	6693.8
10°	7321.5	8146.1	8854.6	9125.6	8959.4	8388.1	7650.7	6906.8	6564.7	6493.6
12.5°	7250.5	8162.2	8919.1	9311.2	9203.1	8556.0	7733.0	6824.5	6429.1	6327.4
15°	7302.2	8168.7	8840.0	9245.0	9314.4	8757.7	7868.6	6884.2	6401.7	6293.5
17.5°	7628.1	8291.3	8727.1	9054.6	9298.3	9032.0	8254.2	7169.8	6646.9	6513.0
20°	8309.1	8585.0	8791.6	9045.0	9437.1	9592.0	9043.4	7954.1	7336.0	7218.2
22.5°	10281.1	10231.0	9808.2	9803.4	10371.5	10992.7	10955.6	9548.5	8618.9	8522.1
25°	11020.1	10787.8	10176.2	10027.7	10277.9	11236.4	11097.6	9874.4	9015.9	8780.3
27.5°	10731.3	10155.2	9753.4	9719.5	9637.2	10542.5	10876.6	10006.7	9154.7	8925.5
30°	10713.6	9866.4	9291.9	9359.7	9438.7	10303.7	10999.2	10421.5	9509.7	9264.5
32.5°	10757.1	9906.6	9325.8	9338.6	9574.3	10339.2	11134.8	10873.3	9976.1	9730.8
35°	10933.0	10135.8	9542.0	9511.3	9879.2	10571.5	11365.5	11583.3	10613.5	10334.3
37.5°	11217.0	10592.5	9937.3	9929.3	10463.4	10991.1	11652.7	12299.9	11247.7	10947.5
40°	11635.0	11126.7	10640.9	10597.4	11257.4	11673.8	12025.5	13063.2	11985.2	11599.5
42.5°	12140.1	11767.3	11568.8	11741.5	12375.7	12440.2	12606.4	13768.3	12612.9	12164.3
45°	12608.1	12590.3	12866.3	13324.6	13694.1	13306.8	13213.2	14241.2	13100.3	12612.9
47.5°	13164.8	13645.7	14478.4	15149.7	15537.0	14315.4	13731.3	14549.4	13455.2	13006.7
50°	13729.6	14909.2	16239.0	17174.9	17257.2	15411.2	14087.8	14839.9	13778.0	13311.7
52.5°	14323.5	15917.9	17688.1	18775.7	18616.0	16364.9	14433.2	15036.7	14110.5	13700.6
55°	14839.9	16535.9	18498.2	19542.2	19308.3	16945.7	14806.0	15249.8	14584.9	14239.6
57.5°	15128.7	16587.5	18296.5	19208.2	18954.9	16832.8	14977.0	15407.9	14888.3	14617.2
58°	15170.6	16518.2	18117.3	19014.6	18756.4	16737.6	14975.4	15401.4	14907.7	14634.9
60°	15133.5	16067.9	17450.8	18249.7	17978.6	16140.6	14914.1	15280.4	14662.3	14431.6
62.5°	14789.8	15286.9	16300.3	16881.2	16803.8	15207.8	14662.3	14823.7	13915.2	13692.5
65°	14338.0	14221.8	14826.9	15238.4	15296.5	14509.0	14412.2	13836.1	12956.6	12642.0
67.5°	13789.3	13014.7	13013.1	13247.1	13343.9	13434.3	13891.0	12763.0	11575.3	11242.8
70°	12858.2	11154.1	10640.9	10916.9	10836.2	11599.5	12959.9	11255.8	9909.9	9521.0
72.5°	11150.9	8851.3	8030.0	8384.9	8181.6	9096.6	11339.7	9262.8	8194.5	7716.8
75°	9038.5	6621.1	5773.9	6099.9	5974.0	6900.3	9435.5	6727.7	5877.2	5694.8
77.5°	7018.1	4797.7	4305.4	4260.3	4353.9	5134.9	6921.3	4542.7	3874.6	3750.3
80°	4508.8	3434.1	3463.1	3405.0	3453.4	3237.2	4202.1	2898.3	2623.9	2523.8
82.5°	2967.6	2393.1	2853.1	2633.6	2501.3	2176.9	2756.2	1897.7	1610.5	1555.6
85°	2022.0	1762.2	1604.0	1226.4	1444.2	1676.7	2067.2	1021.5	810.1	734.3
87.5°	913.4	613.3	450.3	277.5	438.9	506.7	1003.7	119.4	92.0	95.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)