

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: P652561

Luminaire Tested: **GALN-SA8B-840-U-SLL-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P652561
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA8B-840-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 4000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27751.3 lumens
Efficiency: N/A
Efficacy: 85.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

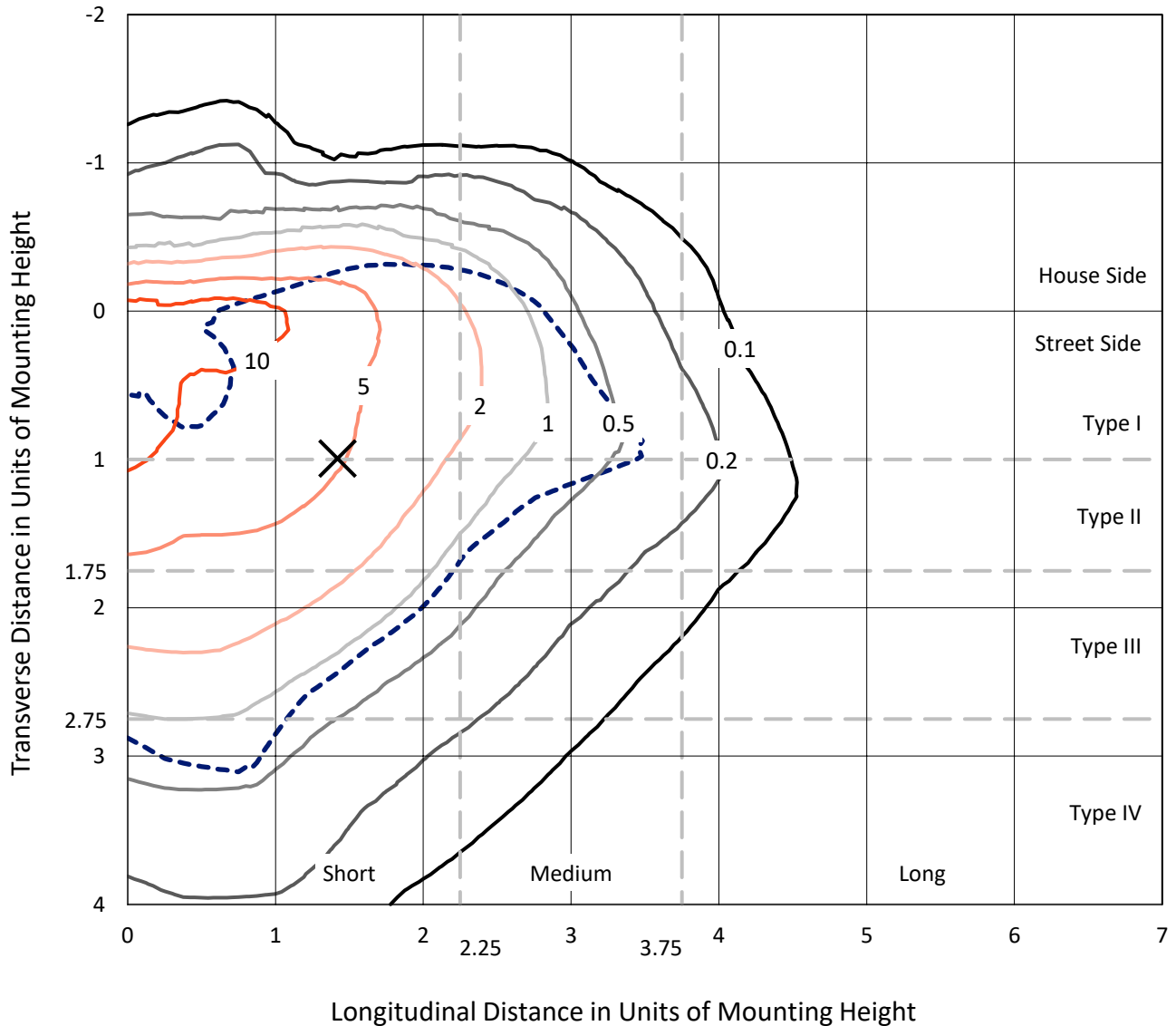
Input Watts (W): 325
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P652561
 CATALOG NUMBER: GALN-SA8B-840-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

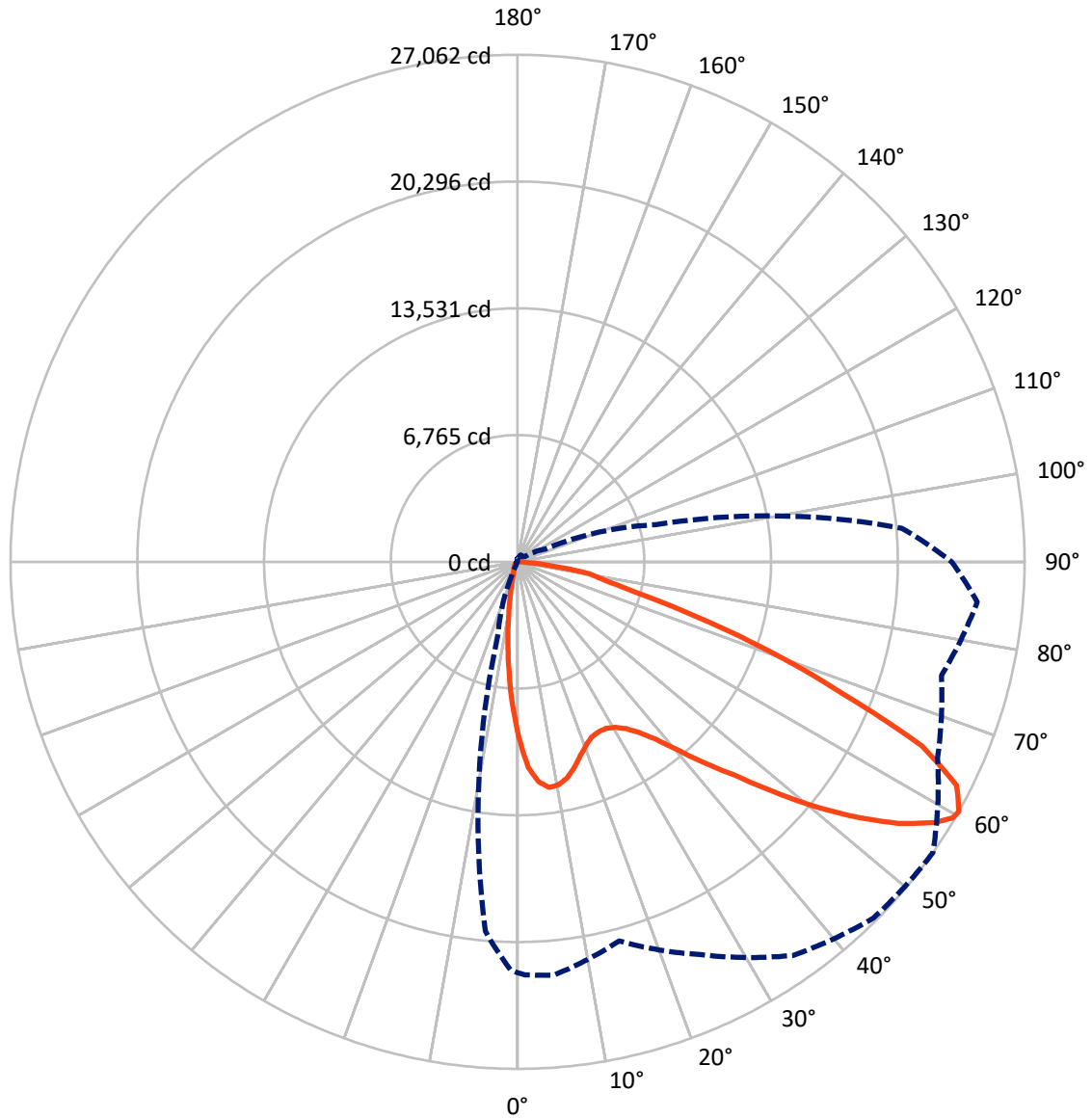
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.4 fc
 Type III - Short - N/A

REPORT NUMBER: P652561
CATALOG NUMBER: GALN-SA8B-840-U-SLL-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P652561
 CATALOG NUMBER: GALN-SA8B-840-U-SLL-HSS

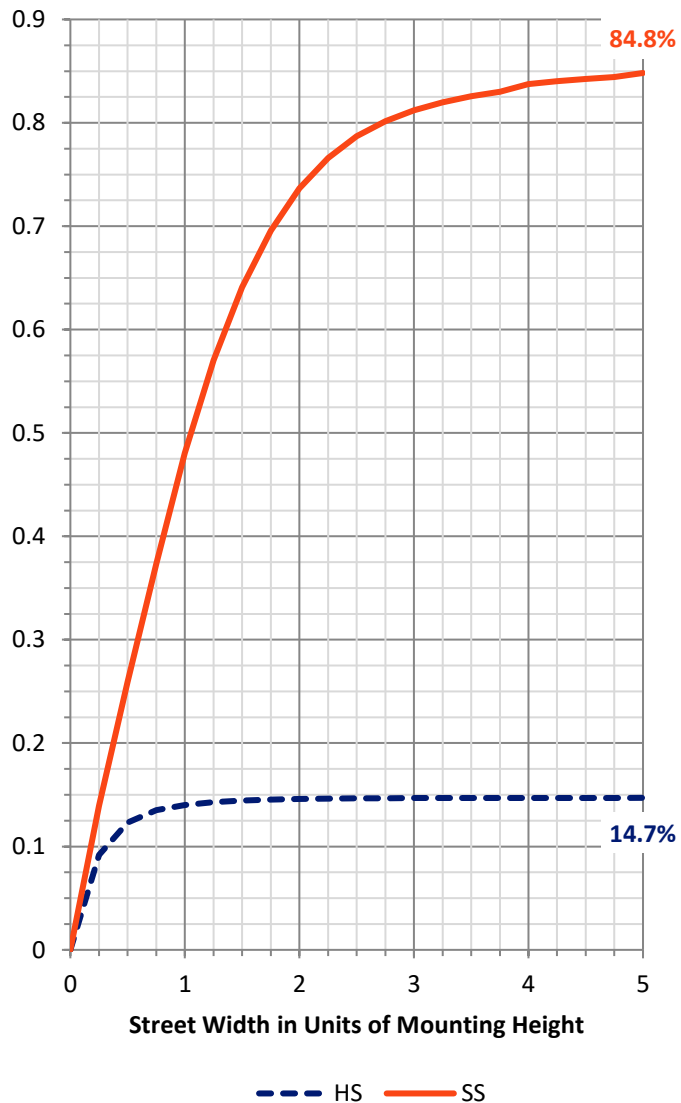
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4118.5	0.0	4118.5
	% Fixture	14.8	0.0	14.8
Street Side	Lumens	23632.8	0.0	23632.8
	% Fixture	85.2	0.0	85.2
Total	Lumens	27751.3	0.0	27751.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	695.8	2.5
10°-20°	1370.2	4.9
20°-30°	2028.2	7.3
30°-40°	3023.3	10.9
40°-50°	4427.6	16.0
50°-60°	6392.1	23.0
60°-70°	6724.1	24.2
70°-80°	2766.1	10.0
80°-90°	324.0	1.2
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°	27751.3	100.0
0°-180°	27751.3	100.0

Coefficient of Utilization



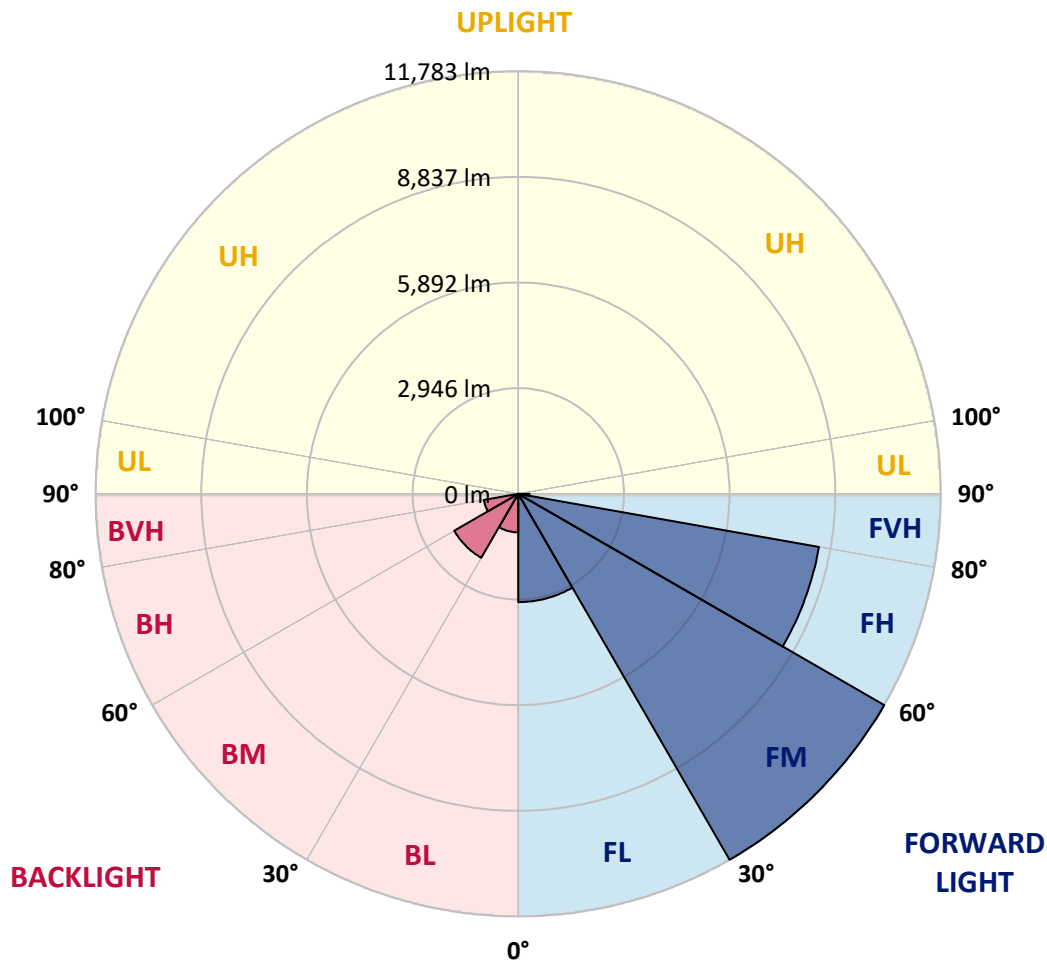
REPORT NUMBER: P652561
 CATALOG NUMBER: GALN-SA8B-840-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3019.7	10.9			
FM (30°-60°)	11783.2	42.5			
FH (60°-80°)	8515.4	30.7			G4/12000
FVH (80°-90°)	314.4	1.1			G3/500
BL (0°-30°)	1074.5	3.9	B3/2500		
BM (30°-60°)	2059.6	7.4	B2/2500		
BH (60°-80°)	974.8	3.5	B2/1000		G2/1000
BVH (80°-90°)	9.5	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type III Short





REPORT NUMBER: P652561

CATALOG NUMBER: GALN-SA8B-840-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5
2.5°	10265.9	10248.8	10400.5	10648.2	10898.2	11028.5	11002.8	10992.1	10785.0	10633.3	10315.0
5°	10244.6	10332.1	10603.4	11274.1	11782.5	12028.2	12100.7	11795.3	11391.6	10806.3	10084.3
7.5°	9631.5	9740.5	10182.6	11231.4	12135.0	12669.0	12649.7	12160.6	11327.5	10421.8	9392.3
10°	8871.0	8999.2	9518.3	10791.4	11964.1	12669.0	12707.4	12087.9	11052.0	9889.9	8807.0
12.5°	8334.9	8486.5	9061.2	10381.2	11524.1	12218.2	12263.1	11814.5	10844.8	9684.9	8488.7
15°	8153.3	8296.5	8879.6	10174.1	11056.2	11430.0	11419.4	11372.3	10763.6	9734.0	8505.8
17.5°	8465.2	8582.7	9240.6	10268.0	10618.4	10579.9	10635.5	10861.9	10780.7	10146.2	9044.0
20°	9270.5	9390.1	10097.1	10556.4	10283.0	10039.4	10065.1	10443.2	10938.7	10921.6	9885.7
22.5°	10379.1	10582.1	11222.8	11116.1	10238.2	9704.1	9650.7	10142.0	11207.9	11814.5	11022.1
25°	11782.5	11987.5	12487.4	12008.9	10458.2	9625.1	9576.0	10050.1	11534.7	12686.1	12301.6
27.5°	12961.6	13117.5	13615.2	12878.3	10782.8	9659.2	9578.1	10063.0	11799.6	13427.2	13380.2
30°	13905.8	14021.1	14313.7	13284.2	11062.7	9808.8	9714.8	10250.9	11917.1	13788.3	14253.9
32.5°	14666.2	14860.6	14952.4	13717.8	11464.3	10090.7	9930.5	10611.9	12203.3	14234.7	15170.3
35°	15535.5	15759.8	15642.3	14132.2	11994.0	10530.7	10334.2	11197.2	12637.0	14646.9	16234.1
37.5°	16637.8	16896.2	16437.0	14567.9	12553.6	11193.0	11101.1	12019.6	13294.9	15236.5	17374.7
40°	17778.4	17927.9	17208.1	15097.6	13241.5	12156.3	12243.9	13241.5	14155.6	15943.5	18588.0
42.5°	18669.1	18810.1	18000.6	15541.9	13944.2	13299.1	13664.4	14715.3	15142.5	16667.7	19493.7
45°	19350.6	19470.2	18549.5	16026.9	14892.6	14954.6	15644.5	16234.1	16131.5	17109.8	20192.2
47.5°	19880.3	19982.8	18972.5	16548.0	16313.0	16979.5	18034.7	18284.7	17156.8	17588.3	20824.4
50°	20098.1	20128.1	19104.9	17212.3	17925.8	19559.9	20659.9	20508.3	18331.6	18120.2	21497.3
52.5°	20382.3	20375.8	19483.0	17844.6	19442.4	21866.8	22964.8	22620.9	19660.3	18916.9	22253.4
55°	21127.8	21136.3	20292.6	18741.8	20734.7	23729.5	24904.3	24654.4	21061.5	20262.6	23135.7
57.5°	22033.4	22065.5	21443.9	19790.6	21969.4	25079.5	26352.6	26256.4	22956.2	21760.0	23968.7
59°	22150.9	22215.0	21988.6	20529.7	22702.0	25493.8	26848.1	26942.1	23970.9	22746.9	24419.4
60°	21937.3	22044.1	22146.6	20948.3	23131.4	25643.4	26878.0	27061.7	24733.4	23417.6	24624.5
62.5°	21006.0	21174.8	21689.6	22236.4	23667.5	25177.7	25923.2	26307.7	25677.6	25179.9	24643.7
65°	19786.3	19873.9	20617.2	22465.0	22627.3	23003.2	23233.9	23727.3	24543.3	25859.2	23761.5
67.5°	17787.0	18045.4	18955.4	21138.5	19557.7	19113.4	19055.8	18564.5	20683.5	24240.0	21587.0
70°	14694.0	14809.3	15930.7	17329.8	14760.1	14076.7	14350.1	14166.3	16033.2	20867.1	17374.7
72.5°	11111.8	11372.3	12468.2	13813.9	10043.7	9157.3	9911.3	9843.0	12043.1	16770.2	11936.3
75°	7905.6	8074.3	9471.3	10810.6	7034.0	5959.6	6230.9	6485.0	8407.6	13241.5	7053.3
77.5°	5432.0	5577.3	6626.1	7149.4	5130.8	4915.1	4496.4	4742.1	5508.9	7856.5	3838.5
80°	3276.7	3270.3	3960.3	4088.4	3573.7	4150.3	3481.7	3909.0	3330.1	3362.1	1486.7
82.5°	2127.5	2106.1	2422.2	2640.2	1988.6	2091.2	1403.4	2022.9	2170.2	937.7	470.0
85°	952.7	993.3	1164.1	1535.8	871.5	463.6	286.2	621.6	924.9	472.1	0.0
87.5°	98.2	76.9	205.0	373.8	119.6	12.8	42.7	21.4	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: P652561

CATALOG NUMBER: GALN-SA8B-840-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5
2.5°	10167.6	10043.7	9674.2	9328.2	9031.2	8668.1	8433.1	8063.6	7839.3	7771.0	7781.7
5°	9759.6	9403.0	8700.1	8138.4	7512.5	7155.8	6613.2	6092.0	5810.0	5705.4	5658.4
7.5°	8905.3	8522.9	7674.9	6792.7	6122.0	5496.1	5092.3	4633.1	4319.1	4060.7	4015.8
10°	8270.8	7768.8	6717.9	5769.5	5239.8	4769.8	4366.1	3906.9	3537.3	3242.6	3161.4
12.5°	7890.6	7328.8	6156.1	5361.5	4859.6	4376.8	3851.3	3319.4	2941.3	2623.1	2475.7
15°	7822.2	7170.8	5998.0	5068.9	4449.4	3866.2	3167.8	2593.1	2204.4	1903.3	1811.3
17.5°	8234.5	7454.9	5974.5	4763.4	3913.3	3086.6	2360.4	1884.0	1446.1	1277.4	1211.1
20°	8969.3	7956.8	5972.4	4408.9	3362.1	2377.4	1657.6	1228.2	1050.9	969.8	931.3
22.5°	9971.1	8640.3	6085.6	4103.4	2789.7	1753.7	1183.4	978.3	875.8	809.5	794.6
25°	11195.1	9652.8	6363.3	3896.2	2351.8	1375.6	976.1	837.3	751.9	722.0	709.1
27.5°	12282.3	10622.6	6668.8	3682.6	2037.8	1217.5	905.7	766.8	698.5	675.0	655.8
30°	13220.1	11502.7	6816.1	3400.6	1785.8	1115.0	918.5	820.2	730.5	660.0	628.0
32.5°	14001.9	12177.7	6912.3	3144.2	1572.2	912.1	726.3	634.5	593.8	568.2	546.8
35°	14980.1	12908.2	6854.6	2999.0	1463.2	830.9	662.2	546.8	478.4	427.2	405.9
37.5°	16005.5	13638.7	6754.2	2879.4	1414.1	771.1	630.2	519.1	444.3	390.9	363.1
40°	17067.1	14315.8	6636.8	2768.3	1369.2	732.7	610.9	495.6	420.8	363.1	333.2
42.5°	18039.0	14975.9	6589.7	2695.7	1296.6	739.1	595.9	484.9	397.3	337.5	311.8
45°	18825.1	15601.7	6653.8	2657.2	1217.5	728.4	600.2	472.1	378.1	320.4	294.8
47.5°	19664.5	16486.1	6861.0	2618.8	1140.6	677.1	632.3	470.0	369.5	309.7	282.0
50°	20640.7	17618.2	7335.2	2524.9	1046.7	621.6	672.9	467.8	358.9	296.9	269.1
52.5°	21941.6	18904.1	7824.4	2360.4	910.0	568.2	642.9	461.4	337.5	282.0	254.2
55°	23110.0	20258.3	8238.8	2166.0	737.0	491.3	578.9	433.6	301.2	256.3	230.7
57.5°	23592.7	21023.1	8226.0	1896.8	589.5	431.5	476.3	397.3	262.7	226.4	205.0
59°	23415.5	20926.9	7950.4	1698.1	538.3	399.5	395.2	393.0	245.7	205.0	188.0
60°	23165.5	20576.7	7653.5	1599.9	506.3	378.1	363.1	388.8	230.7	192.3	175.2
62.5°	22208.6	19124.1	6668.8	1433.3	463.6	320.4	290.5	328.9	205.0	166.6	151.6
65°	20822.3	16891.9	5645.6	1386.3	450.7	264.8	241.4	235.0	175.2	141.0	128.2
67.5°	18118.1	14294.5	4573.3	1354.3	455.0	222.1	211.5	177.3	145.2	117.5	108.9
70°	14506.0	11145.9	3744.5	1317.9	459.3	181.6	177.3	141.0	117.5	98.2	89.7
72.5°	8813.3	6606.8	2947.8	1144.9	446.4	145.2	158.1	106.8	85.4	70.5	66.2
75°	5449.1	4522.1	1828.5	890.7	294.8	106.8	111.1	66.2	57.7	44.8	44.8
77.5°	3157.1	2855.9	653.6	320.4	130.3	64.1	49.1	34.1	32.0	19.3	19.3
80°	1309.4	1048.8	226.4	108.9	70.5	29.9	10.7	2.1	0.0	0.0	0.0
82.5°	382.3	339.6	62.0	49.1	21.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0



REPORT NUMBER: P652561

CATALOG NUMBER: GALN-SA8B-840-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5
2.5°	7600.1	7529.6	7497.6	7606.5	7506.1	7634.3	7536.0	7578.8	7704.7	7760.3	7903.4
5°	5688.4	5615.7	5581.5	5746.0	5737.5	5818.6	5810.0	5884.8	5948.9	5805.8	5953.2
7.5°	3962.4	3913.3	3994.4	4122.6	4259.3	4214.4	4214.4	4114.1	4148.2	4126.9	4120.5
10°	3014.0	2845.3	2802.5	2798.3	2849.5	2860.2	2802.5	2663.7	2714.9	2729.9	2819.6
12.5°	2371.0	2240.8	2042.0	1952.4	1928.8	1948.1	1757.9	1636.2	1693.9	1659.7	1747.3
15°	1700.3	1593.5	1476.0	1375.6	1347.9	1309.4	1102.2	957.0	939.9	946.3	961.3
17.5°	1213.3	1140.6	1140.6	1033.8	976.1	860.8	756.1	692.1	685.7	692.1	702.7
20°	895.0	856.6	852.3	824.5	760.4	683.6	610.9	598.1	593.8	604.5	608.8
22.5°	771.1	730.5	696.3	694.2	634.5	570.4	536.1	519.1	521.2	525.5	536.1
25°	690.0	647.2	610.9	589.5	546.8	502.0	470.0	461.4	461.4	467.8	470.0
27.5°	632.3	578.9	546.8	517.0	478.4	440.0	412.3	405.9	401.6	405.9	416.5
30°	591.7	538.3	497.7	452.9	422.9	386.6	363.1	354.6	352.5	354.6	363.1
32.5°	506.3	474.2	442.2	401.6	365.2	341.8	316.1	301.2	301.2	305.5	314.0
35°	382.3	365.2	363.1	352.5	322.5	296.9	267.0	252.0	252.0	260.6	264.8
37.5°	337.5	305.5	301.2	296.9	284.1	249.9	222.1	209.3	207.2	213.6	222.1
40°	307.6	271.3	252.0	247.8	249.9	211.5	181.6	168.8	168.8	170.9	179.5
42.5°	284.1	241.4	207.2	202.9	211.5	177.3	147.4	134.6	134.6	134.6	145.2
45°	264.8	215.7	175.2	153.8	166.6	145.2	119.6	106.8	102.5	106.8	111.1
47.5°	252.0	196.5	153.8	123.9	123.9	115.4	96.1	81.2	76.9	79.1	85.4
50°	241.4	179.5	130.3	100.4	89.7	91.8	72.7	62.0	57.7	57.7	64.1
52.5°	224.3	162.3	113.2	85.4	68.4	62.0	53.4	44.8	42.7	44.8	49.1
55°	202.9	147.4	98.2	70.5	53.4	42.7	38.4	32.0	29.9	32.0	38.4
57.5°	179.5	123.9	79.1	55.5	36.3	27.8	25.7	21.4	17.1	19.3	23.5
59°	164.5	111.1	68.4	44.8	27.8	19.3	19.3	15.0	10.7	12.8	19.3
60°	158.1	102.5	57.7	38.4	23.5	15.0	15.0	10.7	6.4	8.6	15.0
62.5°	134.6	85.4	44.8	23.5	10.7	2.1	6.4	2.1	0.0	2.1	6.4
65°	113.2	68.4	29.9	10.7	0.0	0.0	0.0	0.0	0.0	0.0	2.1
67.5°	94.0	51.3	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	74.8	34.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	51.3	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	32.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0



REPORT NUMBER: P652561
 CATALOG NUMBER: GALN-SA8B-840-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5	9396.5
2.5°	7912.0	8217.4	8405.4	8759.9	9123.1	9403.0	9753.2	10067.3	10197.5	10265.9
5°	6102.7	6527.8	6888.8	7429.2	7931.2	8542.1	9161.5	9892.1	10171.9	10244.6
7.5°	4282.8	4716.4	5094.5	5720.4	6435.9	7254.0	8181.1	9108.1	9516.2	9631.5
10°	3093.0	3556.5	4018.0	4643.7	5312.3	6198.8	7164.3	8311.4	8781.3	8871.0
12.5°	1952.4	2450.1	3199.8	3973.1	4680.1	5393.6	6403.9	7651.3	8170.4	8334.9
15°	1132.1	1503.8	2069.9	3078.1	3977.3	4921.4	6023.7	7403.6	7984.6	8153.3
17.5°	758.3	886.5	1275.2	2046.3	3234.0	4485.7	5927.5	7606.5	8249.5	8465.2
20°	638.7	696.3	833.1	1247.5	2490.6	4096.9	5953.2	8157.6	9001.3	9270.5
22.5°	561.8	615.2	702.7	897.2	1738.8	3614.2	6075.0	8945.8	10035.2	10379.1
25°	495.6	549.0	625.9	743.4	1168.4	3056.7	6342.0	10099.3	11404.4	11782.5
27.5°	440.0	489.1	555.4	655.8	899.3	2435.1	6579.1	11222.8	12654.0	12961.6
30°	388.8	429.3	493.4	570.4	747.6	1877.6	6698.6	12205.4	13564.0	13905.8
32.5°	337.5	375.9	437.9	499.8	615.2	1431.1	6615.4	12927.4	14448.3	14666.2
35°	288.4	328.9	380.2	437.9	531.8	1155.6	6198.8	13739.2	15364.6	15535.5
37.5°	247.8	282.0	335.4	380.2	480.6	924.9	5694.7	14469.7	16392.1	16637.8
40°	209.3	243.5	296.9	337.5	442.2	728.4	5239.8	15281.4	17475.1	17778.4
42.5°	170.9	211.5	258.4	324.7	380.2	555.4	4688.7	15939.3	18288.9	18669.1
45°	136.7	181.6	232.8	322.5	331.1	422.9	4156.8	16451.9	19008.8	19350.6
47.5°	108.9	153.8	224.3	301.2	271.3	335.4	3853.5	16988.0	19606.9	19880.3
50°	87.5	128.2	235.0	264.8	226.4	284.1	3844.9	17586.2	19916.6	20098.1
52.5°	70.5	104.7	198.6	202.9	192.3	249.9	4075.6	18259.0	20232.8	20382.3
55°	59.8	87.5	130.3	149.5	173.0	226.4	4248.6	19295.0	20986.7	21127.8
57.5°	47.0	74.8	100.4	119.6	153.8	207.2	4272.1	20093.9	21941.6	22033.4
59°	40.6	64.1	89.7	106.8	141.0	194.4	4176.0	20143.0	22003.5	22150.9
60°	34.1	57.7	79.1	100.4	130.3	183.7	4071.4	19786.3	21772.8	21937.3
62.5°	25.7	44.8	57.7	81.2	106.8	158.1	3575.8	18541.0	20890.6	21006.0
65°	17.1	32.0	42.7	59.8	83.3	136.7	2913.6	16926.1	19527.9	19786.3
67.5°	10.7	23.5	34.1	44.8	68.4	115.4	2076.3	14514.5	17620.4	17787.0
70°	6.4	15.0	25.7	36.3	53.4	91.8	1232.5	11472.8	14659.8	14694.0
72.5°	4.3	10.7	17.1	25.7	42.7	83.3	598.1	7478.3	10703.8	11111.8
75°	2.1	6.4	10.7	19.3	34.1	68.4	286.2	4996.2	7788.1	7905.6
77.5°	0.0	2.1	6.4	12.8	25.7	53.4	166.6	3281.0	5310.2	5432.0
80°	0.0	0.0	4.3	10.7	19.3	34.1	100.4	1935.3	3216.9	3276.7
82.5°	0.0	0.0	2.1	8.6	12.8	25.7	51.3	850.2	2106.1	2127.5
85°	0.0	0.0	2.1	8.6	10.7	17.1	19.3	115.4	935.6	952.7
87.5°	0.0	0.0	2.1	10.7	10.7	10.7	10.7	6.4	79.1	98.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)