

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: P647446

Luminaire Tested: **GALN-SA5D-835-U-SLL-HSS**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P647446  
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-SA5D-835-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 80 CRI, 3500K, 1200mA 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: 21784.6 lumens  
Efficiency: N/A  
Efficacy: 70.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G3

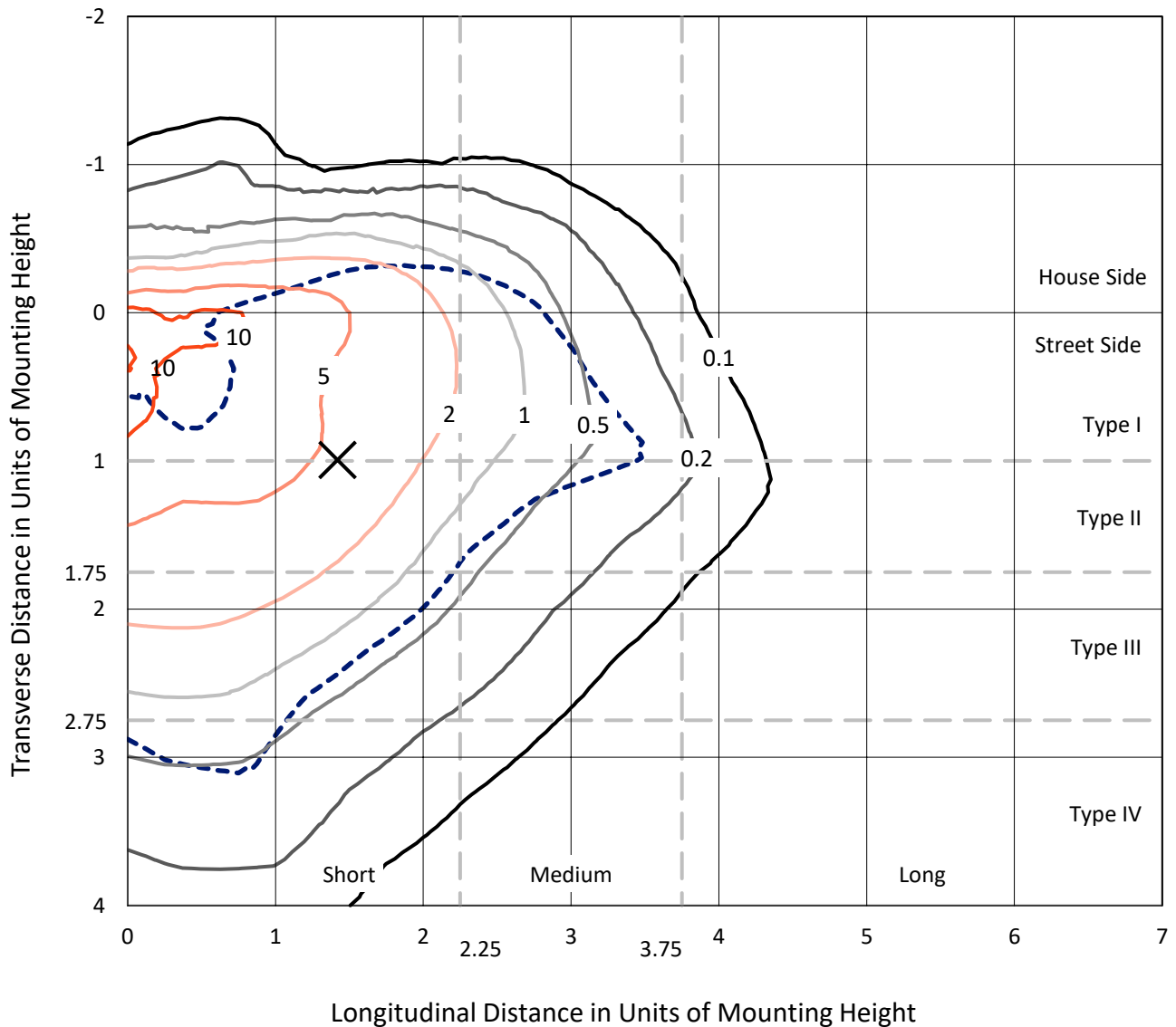
Input Watts (W): 309  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P647446  
 CATALOG NUMBER: GALN-SA5D-835-U-SLL-HSS

### Iso-Footcandle Lines of Horizontal Illumination

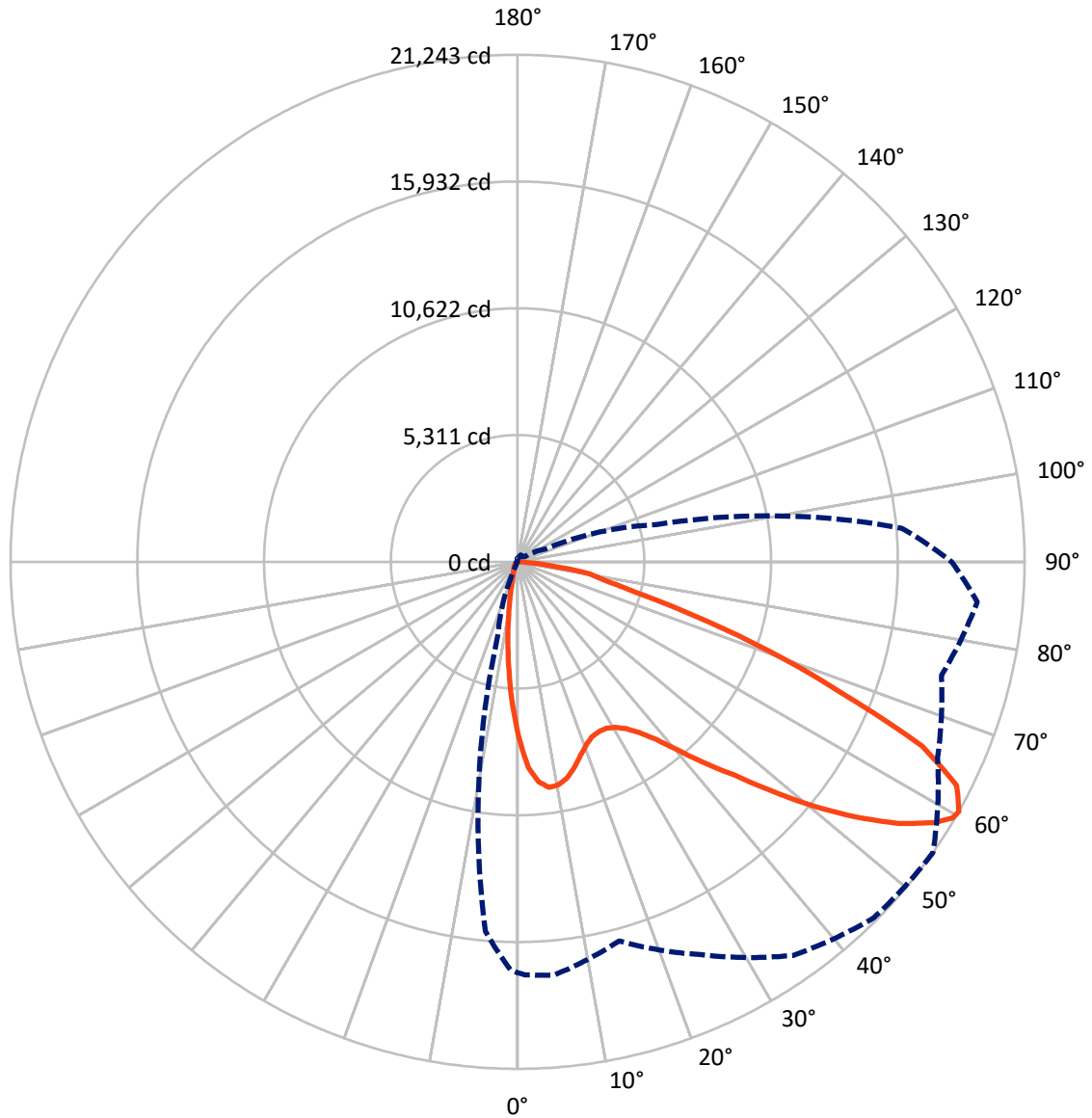
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.2 fc  
 Type III - Short - N/A

REPORT NUMBER: P647446  
CATALOG NUMBER: GALN-SA5D-835-U-SLL-HSS

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P647446  
 CATALOG NUMBER: GALN-SA5D-835-U-SLL-HSS

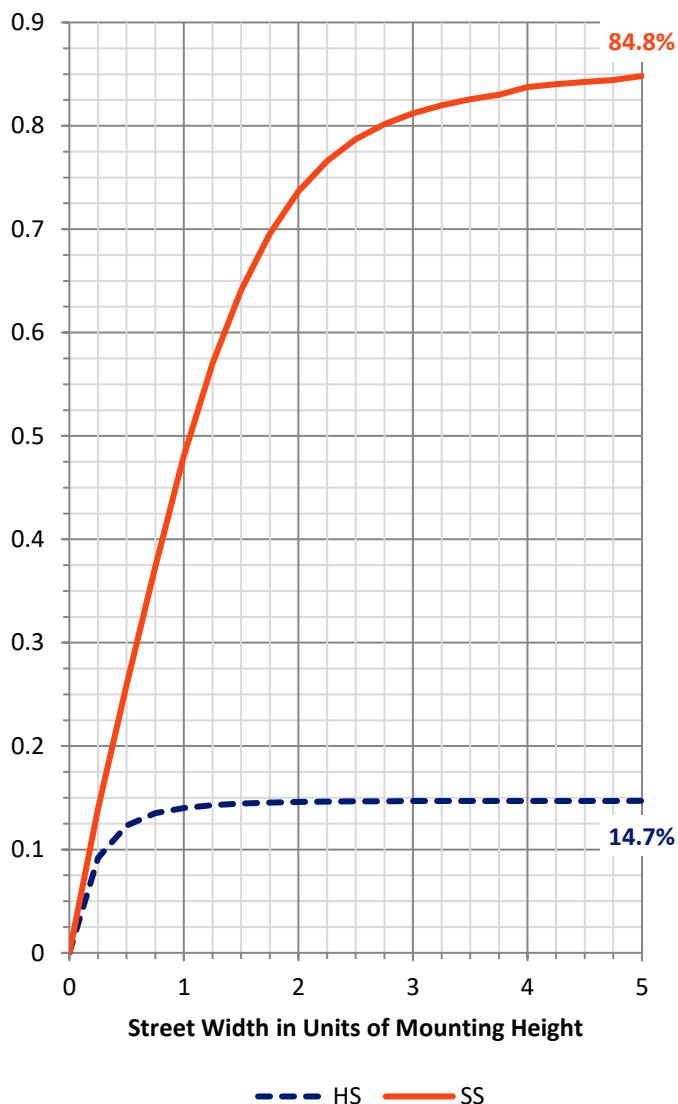
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3233.0	0.0	3233.0
	% Fixture	14.8	0.0	14.8
<b>Street Side</b>	Lumens	18551.6	0.0	18551.6
	% Fixture	85.2	0.0	85.2
<b>Total</b>	Lumens	21784.6	0.0	21784.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	546.2	2.5
10°-20°	1075.6	4.9
20°-30°	1592.1	7.3
30°-40°	2373.2	10.9
40°-50°	3475.6	16.0
50°-60°	5017.7	23.0
60°-70°	5278.4	24.2
70°-80°	2171.3	10.0
80°-90°	254.3	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°	21784.6	100.0
0°-180°	21784.6	100.0

**Coefficient of Utilization**

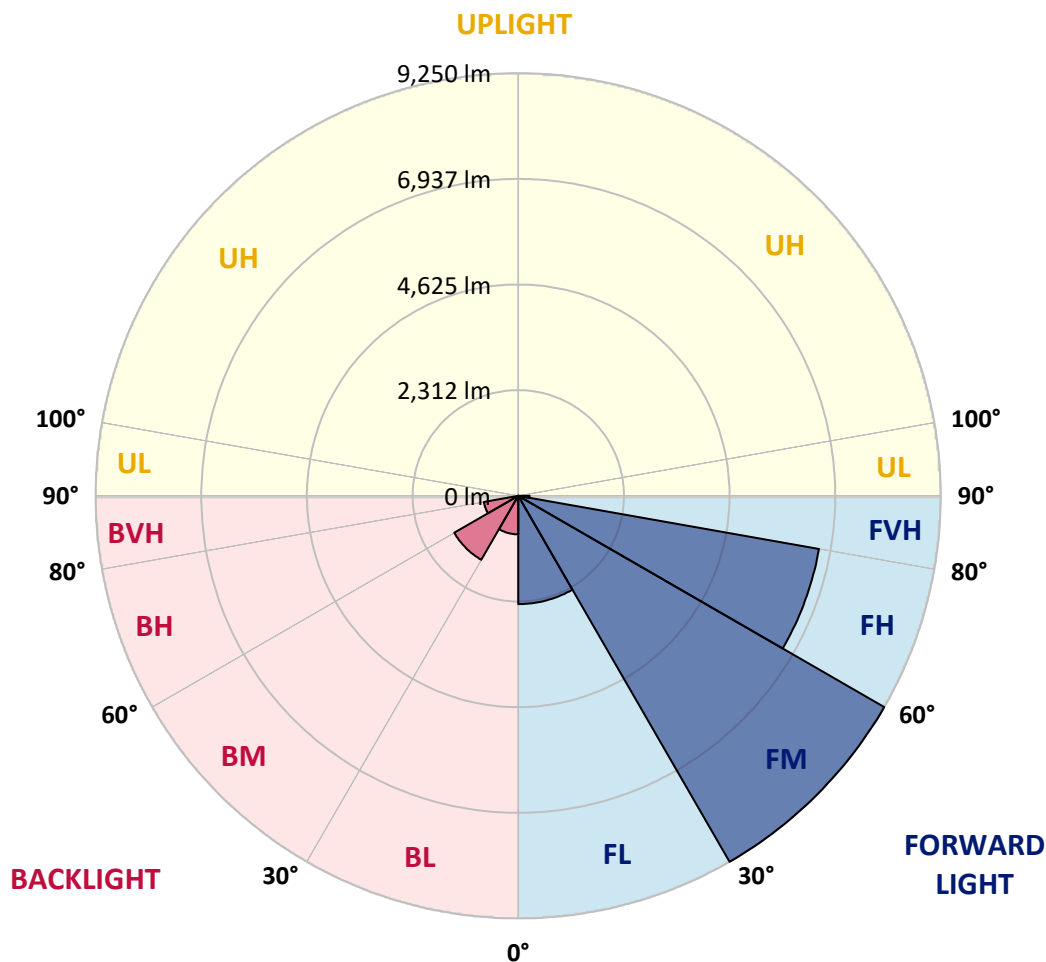


REPORT NUMBER: P647446  
 CATALOG NUMBER: GALN-SA5D-835-U-SLL-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2370.5	10.9			
FM (30°-60°)	9249.8	42.5			
FH (60°-80°)	6684.5	30.7			G3/7500
FVH (80°-90°)	246.8	1.1			G3/500
BL (0°-30°)	843.5	3.9	B2/1000		
BM (30°-60°)	1616.8	7.4	B2/2500		
BH (60°-80°)	765.2	3.5	B2/1000		G2/1000
BVH (80°-90°)	7.5	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**  
 Type III Short





REPORT NUMBER: P647446

CATALOG NUMBER: GALN-SA5D-835-U-SLL-HSS

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3
2.5°	8058.6	8045.2	8164.3	8358.8	8555.0	8657.3	8637.2	8628.8	8466.1	8347.1	8097.2
5°	8041.9	8110.6	8323.6	8850.1	9249.2	9442.0	9499.0	9259.3	8942.3	8482.9	7916.1
7.5°	7560.6	7646.2	7993.3	8816.6	9525.9	9945.0	9930.0	9546.0	8892.1	8181.1	7372.9
10°	6963.7	7064.3	7471.8	8471.2	9391.7	9945.0	9975.3	9488.9	8675.7	7763.5	6913.4
12.5°	6542.8	6661.9	7112.9	8149.2	9046.3	9591.3	9626.4	9274.3	8513.1	7602.6	6663.6
15°	6400.3	6512.7	6970.4	7986.6	8679.1	8972.6	8964.2	8927.2	8449.4	7641.1	6677.0
17.5°	6645.2	6737.3	7253.8	8060.4	8335.3	8305.1	8348.7	8526.5	8462.7	7964.8	7099.5
20°	7277.3	7371.2	7926.2	8286.7	8072.1	7880.9	7901.0	8197.9	8586.8	8573.5	7760.2
22.5°	8147.5	8306.8	8809.8	8726.1	8036.9	7617.7	7575.8	7961.4	8798.1	9274.3	8652.2
25°	9249.2	9410.2	9802.5	9426.9	8209.6	7555.6	7517.0	7889.4	9054.7	9958.5	9656.7
27.5°	10174.8	10297.2	10687.9	10109.4	8464.5	7582.5	7518.8	7899.4	9262.6	10540.4	10503.4
30°	10916.0	11006.5	11236.2	10428.0	8684.1	7699.9	7626.0	8047.0	9354.8	10823.7	11189.2
32.5°	11512.8	11665.4	11737.6	10768.4	8999.3	7921.1	7795.4	8330.3	9579.5	11174.1	11908.6
35°	12195.3	12371.4	12279.2	11093.7	9415.2	8266.6	8112.3	8789.7	9919.9	11497.8	12743.6
37.5°	13060.5	13263.5	12902.9	11435.7	9854.5	8786.4	8714.3	9435.3	10436.4	11960.6	13639.0
40°	13956.0	14073.3	13508.2	11851.6	10394.4	9542.7	9611.4	10394.4	11112.1	12515.6	14591.4
42.5°	14655.2	14765.8	14130.3	12200.3	10946.1	10439.7	10726.5	11551.4	11886.8	13084.0	15302.4
45°	15190.0	15284.0	14561.3	12581.0	11690.6	11739.2	12280.8	12743.6	12663.1	13431.1	15850.7
47.5°	15605.9	15686.4	14893.3	12990.1	12805.7	13328.9	14157.2	14353.3	13468.0	13806.7	16347.1
50°	15777.0	15800.4	14997.3	13511.6	14071.7	15354.4	16218.0	16098.9	14390.2	14224.2	16875.2
52.5°	16000.0	15995.0	15294.0	14007.9	15262.2	17165.3	18027.2	17757.3	15433.2	14849.7	17468.8
55°	16585.2	16591.8	15929.5	14712.2	16276.6	18627.5	19549.7	19353.6	16533.2	15906.1	18161.4
57.5°	17296.2	17321.3	16833.3	15535.5	17245.8	19687.2	20686.6	20611.1	18020.5	17081.5	18815.3
59°	17388.3	17438.7	17260.9	16115.6	17820.9	20012.5	21075.6	21149.4	18817.0	17856.2	19169.1
60°	17220.7	17304.5	17385.0	16444.3	18158.0	20129.9	21099.1	21243.3	19415.6	18382.6	19330.1
62.5°	16489.6	16622.1	17026.2	17455.4	18578.9	19764.3	20349.5	20651.4	20156.8	19766.1	19345.2
65°	15532.1	15600.9	16184.4	17634.8	17762.3	18057.4	18238.5	18625.8	19266.3	20299.3	18652.6
67.5°	13962.7	14165.6	14879.9	16593.6	15352.8	15003.9	14958.7	14573.0	16236.4	19028.2	16945.7
70°	11534.7	11625.2	12505.5	13603.8	11586.7	11050.1	11264.7	11120.5	12586.0	16380.6	13639.0
72.5°	8722.7	8927.2	9787.4	10843.8	7884.3	7188.4	7780.4	7726.6	9453.8	13164.5	9369.9
75°	6205.8	6338.3	7434.9	8486.2	5521.7	4678.3	4891.2	5090.8	6599.8	10394.4	5536.7
77.5°	4264.1	4378.1	5201.4	5612.2	4027.7	3858.3	3529.7	3722.5	4324.4	6167.2	3013.2
80°	2572.2	2567.1	3108.7	3209.4	2805.3	3258.0	2733.1	3068.5	2614.1	2639.3	1167.1
82.5°	1670.1	1653.3	1901.5	2072.5	1561.1	1641.6	1101.7	1587.9	1703.7	736.1	368.9
85°	747.8	779.7	913.8	1205.6	684.1	363.9	224.7	488.0	726.1	370.6	0.0
87.5°	77.1	60.4	161.0	293.5	93.9	10.0	33.5	16.8	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: P647446  
 CATALOG NUMBER: GALN-SA5D-835-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3
2.5°	7981.5	7884.3	7594.2	7322.5	7089.5	6804.4	6620.0	6329.9	6153.8	6100.2	6108.6
5°	7661.3	7381.3	6829.6	6388.6	5897.3	5617.2	5191.4	4782.3	4560.9	4478.7	4441.8
7.5°	6990.5	6690.4	6024.7	5332.2	4805.7	4314.4	3997.4	3637.0	3390.5	3187.6	3152.4
10°	6492.6	6098.5	5273.5	4529.0	4113.2	3744.3	3427.3	3066.9	2776.8	2545.4	2481.6
12.5°	6194.1	5753.1	4832.5	4208.8	3814.7	3435.7	3023.2	2605.7	2308.9	2059.1	1943.4
15°	6140.4	5629.0	4708.4	3979.0	3492.7	3035.0	2486.7	2035.6	1730.4	1494.0	1421.9
17.5°	6464.1	5852.0	4690.0	3739.2	3071.9	2423.0	1852.9	1478.9	1135.2	1002.7	950.7
20°	7040.9	6246.1	4688.3	3460.9	2639.3	1866.3	1301.2	964.2	825.0	761.2	731.1
22.5°	7827.3	6782.7	4777.2	3221.1	2189.9	1376.7	929.0	768.0	687.5	635.5	623.7
25°	8788.1	7577.4	4995.1	3058.5	1846.2	1079.8	766.3	657.3	590.2	566.7	556.7
27.5°	9641.5	8338.7	5235.0	2890.8	1599.7	955.8	711.0	602.0	548.3	529.9	514.7
30°	10377.6	9029.6	5350.6	2669.5	1401.8	875.3	721.0	643.9	573.5	518.1	493.0
32.5°	10991.4	9559.4	5426.1	2468.3	1234.1	716.0	570.1	498.0	466.1	446.0	429.2
35°	11759.3	10132.9	5380.9	2354.2	1148.6	652.2	519.8	429.2	375.6	335.4	318.6
37.5°	12564.2	10706.4	5302.0	2260.3	1110.1	605.3	494.6	407.5	348.7	306.9	285.1
40°	13397.6	11237.9	5209.8	2173.1	1074.8	575.1	479.6	389.0	330.3	285.1	261.6
42.5°	14160.6	11756.0	5172.9	2116.1	1017.8	580.2	467.8	380.6	311.9	265.0	244.8
45°	14777.6	12247.3	5223.2	2085.9	955.8	571.8	471.2	370.6	296.8	251.5	231.4
47.5°	15436.5	12941.5	5385.9	2055.8	895.4	531.6	496.3	368.9	290.1	243.1	221.4
50°	16202.9	13830.2	5758.1	1982.0	821.6	488.0	528.2	367.2	281.7	233.1	211.3
52.5°	17224.0	14839.7	6142.1	1852.9	714.3	446.0	504.7	362.2	265.0	221.4	199.5
55°	18141.2	15902.7	6467.4	1700.3	578.5	385.6	454.4	340.4	236.5	201.2	181.1
57.5°	18520.2	16503.0	6457.3	1489.0	462.8	338.7	374.0	311.9	206.2	177.7	161.0
59°	18381.0	16427.6	6241.1	1333.1	422.6	313.6	310.2	308.5	192.9	161.0	147.6
60°	18184.9	16152.6	6008.0	1255.9	397.4	296.8	285.1	305.2	181.1	150.9	137.5
62.5°	17433.7	15012.3	5235.0	1125.1	363.9	251.5	228.0	258.2	161.0	130.8	119.0
65°	16345.4	13260.1	4431.8	1088.2	353.8	207.9	189.5	184.5	137.5	110.6	100.6
67.5°	14222.6	11221.1	3590.0	1063.1	357.1	174.4	166.0	139.1	114.0	92.2	85.5
70°	11387.1	8749.5	2939.4	1034.6	360.5	142.5	139.1	110.6	92.2	77.1	70.4
72.5°	6918.4	5186.4	2314.0	898.7	350.5	114.0	124.1	83.9	67.1	55.4	52.0
75°	4277.5	3549.8	1435.3	699.2	231.4	83.9	87.2	52.0	45.3	35.2	35.2
77.5°	2478.3	2241.9	513.1	251.5	102.3	50.3	38.6	26.9	25.1	15.1	15.1
80°	1027.8	823.3	177.7	85.5	55.4	23.5	8.4	1.6	0.0	0.0	0.0
82.5°	300.1	266.6	48.6	38.6	16.8	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: P647446  
 CATALOG NUMBER: GALN-SA5D-835-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3
2.5°	5966.1	5910.7	5885.6	5971.1	5892.2	5992.8	5915.7	5949.2	6048.2	6091.8	6204.1
5°	4465.3	4408.3	4381.4	4510.5	4503.9	4567.6	4560.9	4619.5	4669.9	4557.5	4673.3
7.5°	3110.5	3071.9	3135.6	3236.2	3343.5	3308.3	3308.3	3229.5	3256.3	3239.6	3234.6
10°	2366.0	2233.5	2199.9	2196.6	2236.9	2245.3	2199.9	2090.9	2131.2	2142.9	2213.4
12.5°	1861.3	1758.9	1603.0	1532.6	1514.2	1529.2	1380.0	1284.4	1329.7	1302.8	1371.6
15°	1334.7	1250.9	1158.7	1079.8	1058.1	1027.8	865.2	751.2	737.8	742.8	754.6
17.5°	952.4	895.4	895.4	811.6	766.3	675.7	593.6	543.2	538.2	543.2	551.7
20°	702.6	672.4	669.1	647.2	597.0	536.6	479.6	469.5	466.1	474.5	477.9
22.5°	605.3	573.5	546.6	545.0	498.0	447.7	420.9	407.5	409.1	412.5	420.9
25°	541.6	508.1	479.6	462.8	429.2	394.1	368.9	362.2	362.2	367.2	368.9
27.5°	496.3	454.4	429.2	405.8	375.6	345.4	323.6	318.6	315.2	318.6	327.0
30°	464.5	422.6	390.7	355.5	332.0	303.5	285.1	278.4	276.6	278.4	285.1
32.5°	397.4	372.2	347.1	315.2	286.7	268.3	248.1	236.5	236.5	239.8	246.5
35°	300.1	286.7	285.1	276.6	253.2	233.1	209.6	197.9	197.9	204.6	207.9
37.5°	265.0	239.8	236.5	233.1	223.0	196.2	174.4	164.4	162.6	167.6	174.4
40°	241.5	213.0	197.9	194.5	196.2	166.0	142.5	132.5	132.5	134.1	140.9
42.5°	223.0	189.5	162.6	159.3	166.0	139.1	115.7	105.6	105.6	105.6	114.0
45°	207.9	169.4	137.5	120.7	130.8	114.0	93.9	83.9	80.5	83.9	87.2
47.5°	197.9	154.3	120.7	97.2	97.2	90.5	75.5	63.7	60.4	62.0	67.1
50°	189.5	140.9	102.3	78.8	70.4	72.1	57.0	48.6	45.3	45.3	50.3
52.5°	176.1	127.5	88.9	67.1	53.6	48.6	41.9	35.2	33.5	35.2	38.6
55°	159.3	115.7	77.1	55.4	41.9	33.5	30.1	25.1	23.5	25.1	30.1
57.5°	140.9	97.2	62.0	43.6	28.5	21.8	20.1	16.8	13.4	15.1	18.5
59°	129.1	87.2	53.6	35.2	21.8	15.1	15.1	11.7	8.4	10.0	15.1
60°	124.1	80.5	45.3	30.1	18.5	11.7	11.7	8.4	5.0	6.7	11.7
62.5°	105.6	67.1	35.2	18.5	8.4	1.6	5.0	1.6	0.0	1.6	5.0
65°	88.9	53.6	23.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	1.6
67.5°	73.8	40.2	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	58.7	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	40.2	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	25.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	10.0	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: P647446  
 CATALOG NUMBER: GALN-SA5D-835-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3	7376.3
2.5°	6210.8	6450.6	6598.2	6876.5	7161.6	7381.3	7656.3	7902.7	8005.0	8058.6
5°	4790.6	5124.3	5407.6	5831.9	6225.9	6705.5	7191.8	7765.2	7984.9	8041.9
7.5°	3362.0	3702.3	3999.2	4490.4	5052.2	5694.4	6422.1	7149.8	7470.1	7560.6
10°	2428.0	2791.9	3154.1	3645.3	4170.2	4866.0	5624.0	6524.4	6893.3	6963.7
12.5°	1532.6	1923.3	2511.9	3118.8	3673.8	4233.9	5027.0	6006.2	6413.7	6542.8
15°	888.7	1180.5	1624.8	2416.3	3122.2	3863.3	4728.5	5811.7	6267.8	6400.3
17.5°	595.2	695.9	1001.1	1606.4	2538.6	3521.2	4653.1	5971.1	6475.8	6645.2
20°	501.4	546.6	654.0	979.2	1955.2	3216.1	4673.3	6403.7	7066.0	7277.3
22.5°	441.0	483.0	551.7	704.2	1364.9	2837.1	4768.8	7022.4	7877.6	8147.5
25°	389.0	431.0	491.3	583.5	917.2	2399.5	4978.4	7927.9	8952.4	9249.2
27.5°	345.4	384.0	436.0	514.7	706.0	1911.5	5164.5	8809.8	9933.3	10174.8
30°	305.2	337.0	387.4	447.7	586.9	1473.9	5258.4	9581.2	10647.6	10916.0
32.5°	265.0	295.1	343.7	392.4	483.0	1123.4	5193.0	10147.9	11341.8	11512.8
35°	226.4	258.2	298.5	343.7	417.5	907.2	4866.0	10785.1	12061.2	12195.3
37.5°	194.5	221.4	263.2	298.5	377.2	726.1	4470.3	11358.6	12867.7	13060.5
40°	164.4	191.1	233.1	265.0	347.1	571.8	4113.2	11995.8	13717.8	13956.0
42.5°	134.1	166.0	202.9	254.9	298.5	436.0	3680.6	12512.3	14356.7	14655.2
45°	107.3	142.5	182.8	253.2	259.9	332.0	3263.1	12914.6	14921.8	15190.0
47.5°	85.5	120.7	176.1	236.5	213.0	263.2	3025.0	13335.5	15391.3	15605.9
50°	68.7	100.6	184.5	207.9	177.7	223.0	3018.2	13805.1	15634.4	15777.0
52.5°	55.4	82.1	156.0	159.3	150.9	196.2	3199.3	14333.2	15882.6	16000.0
55°	47.0	68.7	102.3	117.4	135.9	177.7	3335.1	15146.5	16474.5	16585.2
57.5°	36.9	58.7	78.8	93.9	120.7	162.6	3353.6	15773.6	17224.0	17296.2
59°	31.9	50.3	70.4	83.9	110.6	152.6	3278.1	15812.1	17272.7	17388.3
60°	26.9	45.3	62.0	78.8	102.3	144.2	3196.0	15532.1	17091.6	17220.7
62.5°	20.1	35.2	45.3	63.7	83.9	124.1	2807.0	14554.6	16399.1	16489.6
65°	13.4	25.1	33.5	47.0	65.4	107.3	2287.1	13286.9	15329.3	15532.1
67.5°	8.4	18.5	26.9	35.2	53.6	90.5	1629.8	11393.8	13831.9	13962.7
70°	5.0	11.7	20.1	28.5	41.9	72.1	967.5	9006.1	11507.8	11534.7
72.5°	3.4	8.4	13.4	20.1	33.5	65.4	469.5	5870.5	8402.4	8722.7
75°	1.6	5.0	8.4	15.1	26.9	53.6	224.7	3922.0	6113.6	6205.8
77.5°	0.0	1.6	5.0	10.0	20.1	41.9	130.8	2575.5	4168.5	4264.1
80°	0.0	0.0	3.4	8.4	15.1	26.9	78.8	1519.2	2525.3	2572.2
82.5°	0.0	0.0	1.6	6.7	10.0	20.1	40.2	667.4	1653.3	1670.1
85°	0.0	0.0	1.6	6.7	8.4	13.4	15.1	90.5	734.5	747.8
87.5°	0.0	0.0	1.6	8.4	8.4	8.4	8.4	5.0	62.0	77.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)