

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: P459252

Luminaire Tested: **GALN-SA7B-735-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P459252
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-735-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 3500K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26514 lumens
Efficiency: N/A
Efficacy: 92.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G4

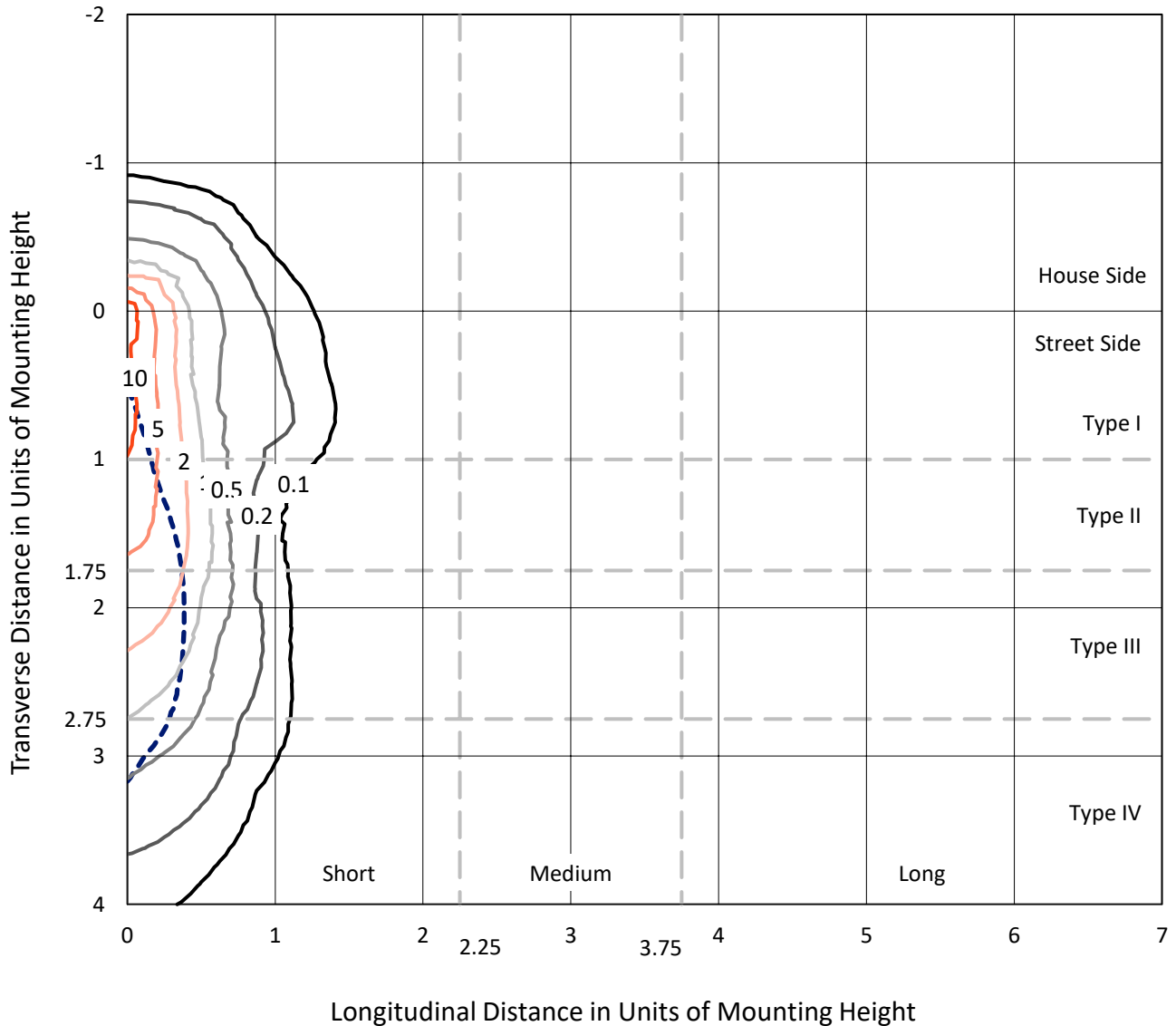
Input Watts (W): 286
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P459252
 CATALOG NUMBER: GALN-SA7B-735-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

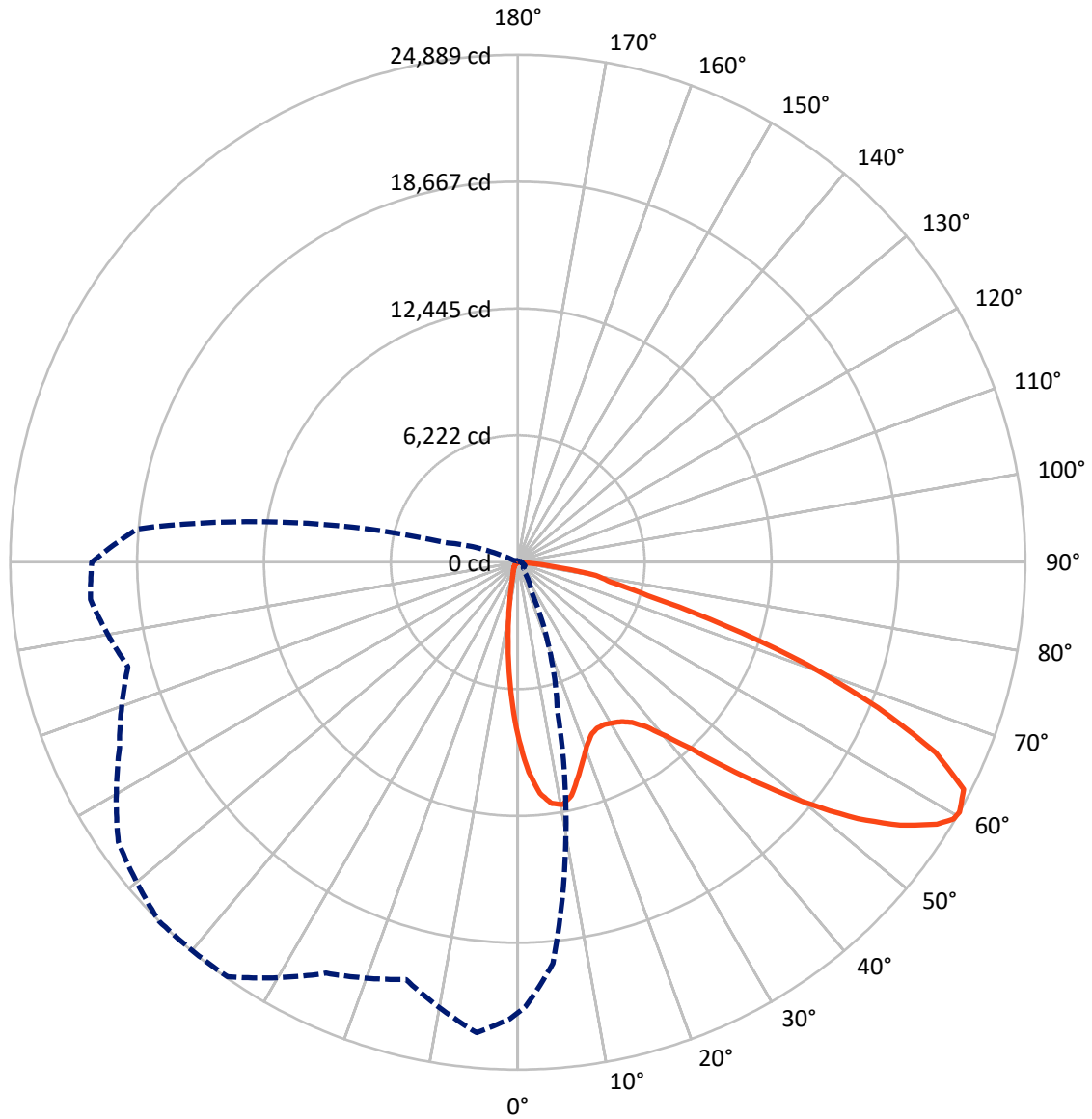
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14 fc
 Type IV - Short - N/A

REPORT NUMBER: P459252
CATALOG NUMBER: GALN-SA7B-735-U-SLR-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P459252

CATALOG NUMBER: GALN-SA7B-735-U-SLR-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3270.2	0.0	3270.2
	% Fixture	12.3	0.0	12.3
Street Side	Lumens	23243.8	0.0	23243.8
	% Fixture	87.7	0.0	87.7
Total	Lumens	26514.0	0.0	26514.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	651.8	2.5
10°-20°	1294.4	4.9
20°-30°	1898.0	7.2
30°-40°	2822.7	10.6
40°-50°	4107.9	15.5
50°-60°	5923.9	22.3
60°-70°	6515.6	24.6
70°-80°	2918.5	11.0
80°-90°	381.3	1.4
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°	26514.0	100.0
0°-180°	26514.0	100.0

Coefficient of Utilization



REPORT NUMBER: P459252

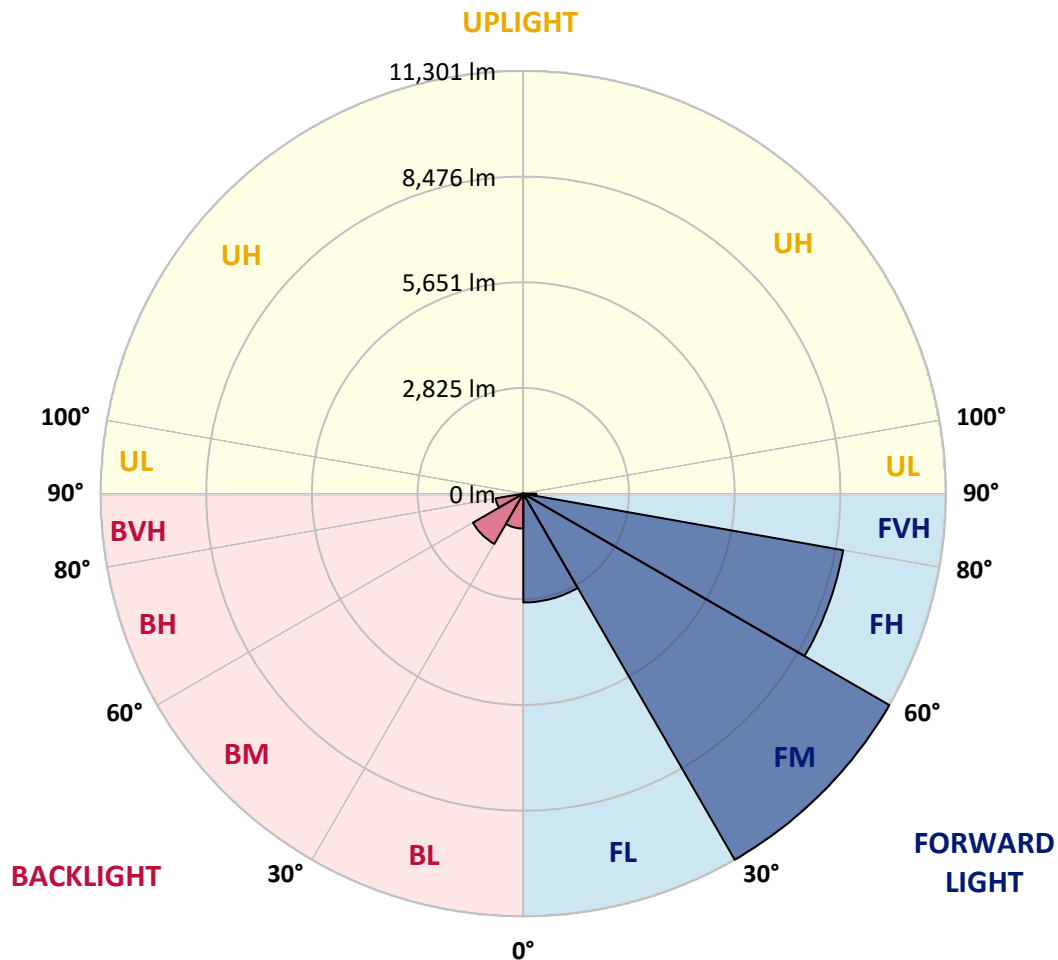
CATALOG NUMBER: GALN-SA7B-735-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2909.8	11.0			
FM	(30°-60°)	11301.1	42.6			
FH	(60°-80°)	8684.1	32.8			G4/12000
FVH	(80°-90°)	348.7	1.3			G3/500
BL	(0°-30°)	934.4	3.5	B2/1000		
BM	(30°-60°)	1553.3	5.9	B2/2500		
BH	(60°-80°)	749.9	2.8	B2/1000		G2/1000
BVH	(80°-90°)	32.6	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4

Type IV Short





REPORT NUMBER: P459252

CATALOG NUMBER: GALN-SA7B-735-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3
2.5°	9633.9	9591.6	9494.9	9200.6	8944.6	8610.1	8271.5	8005.4	7842.2	7541.9	7404.8
5°	9333.6	9353.8	9073.6	8469.0	7795.8	7336.3	6834.5	6435.4	5996.0	5717.9	5425.6
7.5°	8549.6	8509.3	8205.0	7362.5	6544.2	5879.1	5244.2	4728.3	4403.8	4143.8	3926.1
10°	7878.5	7848.2	7459.2	6374.9	5496.2	4998.4	4569.1	4117.6	3768.9	3388.0	3083.7
12.5°	7457.2	7388.7	6941.3	5808.6	5093.1	4629.5	4161.9	3692.3	3210.6	2825.7	2456.9
15°	7316.1	7217.4	6719.6	5613.1	4835.1	4246.6	3660.1	3119.9	2565.7	2140.4	1862.3
17.5°	7572.1	7408.9	6878.8	5578.8	4526.7	3746.8	3025.2	2321.8	1745.4	1420.9	1249.6
20°	8158.6	7971.2	7281.9	5544.6	4184.1	3186.5	2299.6	1640.6	1207.3	1029.9	935.2
22.5°	9029.3	8771.3	7878.5	5599.0	3867.7	2640.3	1660.7	1158.9	959.4	848.5	782.0
25°	10075.3	9859.7	8634.3	5792.5	3617.8	2211.0	1283.9	947.3	808.2	739.7	689.3
27.5°	11222.1	10877.5	9611.8	6024.2	3390.0	1878.4	1126.6	846.5	719.5	657.0	630.8
30°	12038.4	11770.3	10430.0	6185.5	3105.8	1628.5	1029.9	834.4	721.5	647.0	598.6
32.5°	12844.6	12501.9	11115.3	6260.0	2898.2	1455.2	890.8	727.6	632.9	594.6	546.2
35°	13707.2	13348.4	11798.6	6219.7	2743.1	1340.3	808.2	649.0	542.2	477.7	429.3
37.5°	14579.9	14201.0	12477.8	6074.6	2646.3	1293.9	743.7	616.7	511.9	445.4	393.0
40°	15615.8	15110.0	13114.7	5955.7	2545.5	1269.7	701.4	596.6	489.8	419.2	366.8
42.5°	16462.3	15980.6	13717.3	5893.2	2477.0	1213.3	701.4	580.5	475.7	397.0	342.6
45°	17264.5	16764.7	14368.3	5943.6	2448.8	1142.8	709.4	578.4	465.6	380.9	326.5
47.5°	17935.7	17502.3	15037.4	6133.1	2412.5	1066.2	667.1	606.7	459.5	366.8	310.4
50°	18727.7	18308.5	15922.2	6516.0	2348.0	989.6	614.7	653.0	457.5	354.7	296.3
52.5°	19844.3	19390.8	17143.6	6951.4	2245.2	872.7	566.3	647.0	449.4	334.6	282.2
55°	21208.8	20842.0	18558.4	7473.4	2104.1	741.7	489.8	574.4	425.3	300.3	258.0
57.5°	22083.5	21771.1	19618.6	7699.1	1888.5	606.7	431.3	481.7	389.0	268.1	229.8
59°	22186.3	21904.1	19840.3	7624.5	1747.4	554.3	403.1	413.2	378.9	249.9	213.6
60°	22099.6	21807.4	19751.6	7479.4	1616.4	518.0	378.9	366.8	380.9	239.8	201.5
62.5°	21543.3	21043.5	18891.0	6743.8	1412.8	475.7	336.6	300.3	336.6	215.7	179.4
65°	20469.1	19719.3	17187.9	5707.8	1332.2	451.5	286.2	251.9	256.0	189.5	155.2
67.5°	18592.7	17647.4	14920.5	4637.6	1298.0	453.5	241.9	225.7	197.5	161.2	137.1
70°	15625.9	14682.7	11971.9	3815.3	1281.8	453.5	205.6	193.5	165.3	135.0	118.9
72.5°	11073.0	10057.2	8076.0	2997.0	1154.9	451.5	175.3	175.3	135.0	112.9	96.7
75°	6256.0	6264.1	5077.0	2120.3	959.4	372.9	141.1	139.1	98.8	86.7	72.6
77.5°	3646.0	3581.5	3422.3	911.0	445.4	169.3	98.8	84.6	68.5	62.5	52.4
80°	1874.4	1541.8	1501.5	330.5	159.2	106.8	68.5	48.4	44.3	40.3	36.3
82.5°	554.3	556.3	495.8	133.0	88.7	70.5	34.3	26.2	24.2	22.2	22.2
85°	38.3	24.2	28.2	40.3	54.4	28.2	2.0	6.0	6.0	8.1	10.1
87.5°	4.0	2.0	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: P459252

CATALOG NUMBER: GALN-SA7B-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3
2.5°	7253.7	7342.4	7177.1	7181.1	7044.1	7088.4	6927.2	6979.6	6884.8	6957.4	7171.0
5°	5457.9	5478.0	5345.0	5302.7	5322.9	5405.5	5437.7	5290.6	5353.1	5230.1	5222.1
7.5°	3845.5	3869.7	3793.1	3783.0	3928.1	3893.9	3956.4	3805.2	3662.1	3724.6	3609.7
10°	2986.9	2886.2	2728.9	2684.6	2656.4	2674.5	2674.5	2537.5	2517.3	2462.9	2545.5
12.5°	2358.1	2235.2	2086.0	1884.5	1834.1	1830.0	1755.5	1634.5	1596.3	1549.9	1618.4
15°	1713.1	1662.8	1537.8	1424.9	1310.1	1287.9	1167.0	1068.2	937.2	919.1	913.0
17.5°	1205.3	1130.7	1128.7	1064.2	997.7	953.3	840.5	727.6	677.2	671.2	671.2
20°	902.9	876.7	834.4	826.3	806.2	755.8	655.0	594.6	570.4	572.4	580.5
22.5°	759.8	741.7	703.4	685.3	677.2	632.9	558.3	518.0	505.9	505.9	507.9
25°	679.2	663.1	620.8	592.5	582.5	550.2	491.8	461.5	451.5	451.5	451.5
27.5°	618.7	598.6	554.3	530.1	511.9	475.7	439.4	409.1	399.1	399.1	401.1
30°	576.4	554.3	513.9	481.7	453.5	421.2	391.0	364.8	352.7	350.7	352.7
32.5°	520.0	499.8	459.5	439.4	407.1	368.8	344.6	320.5	308.4	310.4	308.4
35°	405.1	399.1	370.8	376.9	358.8	326.5	304.3	278.1	264.0	262.0	266.0
37.5°	368.8	344.6	312.4	314.4	308.4	296.3	260.0	231.8	221.7	221.7	223.7
40°	340.6	316.4	280.2	262.0	264.0	264.0	225.7	195.5	185.4	183.4	187.4
42.5°	316.4	292.2	251.9	221.7	213.6	223.7	191.5	161.2	151.2	147.1	151.2
45°	300.3	274.1	227.7	193.5	169.3	181.4	157.2	133.0	120.9	120.9	118.9
47.5°	284.2	260.0	209.6	167.3	141.1	135.0	129.0	106.8	94.7	92.7	94.7
50°	270.1	245.9	189.5	145.1	118.9	104.8	104.8	84.6	76.6	72.6	74.6
52.5°	256.0	229.8	171.3	129.0	102.8	84.6	74.6	68.5	62.5	60.5	62.5
55°	235.8	209.6	153.2	110.9	88.7	70.5	58.4	56.4	52.4	48.4	52.4
57.5°	211.6	187.4	135.0	94.7	70.5	54.4	48.4	46.4	42.3	40.3	40.3
59°	197.5	175.3	125.0	82.6	62.5	48.4	44.3	42.3	38.3	34.3	36.3
60°	189.5	171.3	118.9	76.6	56.4	44.3	40.3	38.3	34.3	32.2	34.3
62.5°	167.3	153.2	104.8	62.5	44.3	32.2	28.2	30.2	28.2	26.2	28.2
65°	147.1	135.0	88.7	48.4	34.3	22.2	20.2	26.2	24.2	22.2	24.2
67.5°	131.0	116.9	74.6	36.3	24.2	12.1	14.1	22.2	22.2	20.2	22.2
70°	112.9	100.8	60.5	26.2	12.1	6.0	10.1	16.1	20.2	18.1	20.2
72.5°	92.7	78.6	46.4	18.1	6.0	0.0	6.0	14.1	20.2	18.1	20.2
75°	72.6	58.4	34.3	10.1	0.0	0.0	2.0	12.1	20.2	18.1	20.2
77.5°	52.4	42.3	20.2	2.0	0.0	0.0	2.0	12.1	20.2	18.1	20.2
80°	34.3	30.2	8.1	0.0	0.0	0.0	2.0	12.1	20.2	20.2	22.2
82.5°	22.2	16.1	0.0	0.0	0.0	0.0	4.0	16.1	22.2	24.2	24.2
85°	10.1	0.0	0.0	0.0	0.0	0.0	8.1	20.2	26.2	26.2	26.2
87.5°	0.0	0.0	0.0	0.0	0.0	4.0	14.1	24.2	30.2	30.2	30.2
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: P459252

CATALOG NUMBER: GALN-SA7B-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3
2.5°	7207.3	7334.3	7513.7	7789.8	8013.5	8366.2	8636.3	9005.1	9378.0	9490.8	9666.2
5°	5304.7	5468.0	5875.1	6245.9	6479.7	7225.5	7697.1	8440.8	9107.9	9428.4	9777.0
7.5°	3684.3	3877.8	4188.1	4706.1	5197.9	5804.5	6566.4	7416.9	8394.4	8851.9	9343.7
10°	2585.8	2827.7	3265.1	3690.3	4309.1	4885.5	5637.3	6576.5	7654.7	8194.9	8811.6
12.5°	1632.5	1848.2	2426.6	2904.3	3676.2	4345.3	5038.7	5889.2	7138.8	7693.0	8340.0
15°	933.2	1114.6	1384.6	1997.3	2853.9	3738.7	4603.3	5590.9	6874.8	7558.0	8257.4
17.5°	695.3	743.7	864.6	1211.3	1991.3	3025.2	4202.3	5500.2	7054.1	7856.3	8654.4
20°	584.5	616.7	673.2	810.2	1269.7	2329.9	3811.3	5516.3	7634.6	8642.3	9400.1
22.5°	524.0	544.2	590.5	679.2	866.7	1697.0	3353.7	5611.1	8338.0	9607.7	10482.5
25°	459.5	485.7	526.0	602.6	721.5	1177.0	2902.3	5822.7	9323.6	10833.1	11655.5
27.5°	409.1	433.3	473.6	544.2	632.9	898.9	2376.2	6004.1	10363.5	12066.6	12739.8
30°	358.8	382.9	423.2	479.7	560.3	727.6	1809.9	6110.9	11373.3	12991.7	13509.7
32.5°	316.4	336.6	374.9	425.3	491.8	616.7	1427.0	6000.0	12145.2	13832.2	14178.8
35°	274.1	298.3	330.5	376.9	435.3	526.0	1187.1	5617.1	12808.3	14696.8	14821.8
37.5°	229.8	258.0	292.2	334.6	380.9	483.7	953.3	5193.9	13517.7	15775.1	15569.5
40°	193.5	219.7	251.9	298.3	340.6	443.4	733.6	4742.4	14283.6	16786.8	16385.8
42.5°	157.2	185.4	223.7	266.0	336.6	387.0	568.4	4274.8	14970.9	17667.6	17123.4
45°	125.0	149.1	189.5	243.9	334.6	332.6	439.4	3813.3	15488.9	18296.4	17673.6
47.5°	98.8	118.9	159.2	237.8	308.4	282.2	352.7	3527.1	16033.0	18862.8	18094.9
50°	78.6	98.8	137.1	247.9	270.1	241.9	296.3	3573.4	16559.1	19151.0	18268.2
52.5°	66.5	86.7	118.9	195.5	207.6	211.6	260.0	3787.1	17238.3	19459.3	18612.8
55°	58.4	76.6	100.8	137.1	161.2	189.5	237.8	3942.3	18147.3	20120.4	19372.7
57.5°	46.4	66.5	90.7	116.9	133.0	165.3	219.7	3954.3	18969.6	20968.9	20382.4
59°	42.3	60.5	84.6	110.9	118.9	149.1	207.6	3851.6	18999.8	21095.9	20846.0
60°	38.3	58.4	80.6	102.8	112.9	141.1	197.5	3732.6	18725.7	20894.4	21037.5
62.5°	32.2	50.4	70.5	82.6	96.7	116.9	171.3	3301.3	17397.5	19981.4	20682.7
65°	28.2	44.3	60.5	68.5	80.6	100.8	151.2	2642.3	15930.3	18743.9	19666.9
67.5°	26.2	40.3	52.4	58.4	70.5	92.7	135.0	1866.3	14029.7	17173.8	18141.2
70°	24.2	38.3	46.4	54.4	62.5	78.6	114.9	1088.4	10806.9	14420.7	15442.5
72.5°	24.2	36.3	40.3	46.4	54.4	70.5	106.8	588.5	7388.7	11000.4	12320.6
75°	24.2	34.3	36.3	40.3	48.4	64.5	94.7	308.4	4776.7	7642.7	9432.4
77.5°	24.2	32.2	36.3	38.3	46.4	56.4	82.6	193.5	3182.4	5353.1	6374.9
80°	26.2	32.2	34.3	38.3	44.3	52.4	68.5	129.0	1870.4	3220.7	3879.8
82.5°	28.2	32.2	36.3	40.3	46.4	50.4	60.5	80.6	862.6	2130.3	2410.5
85°	30.2	34.3	38.3	42.3	48.4	50.4	56.4	58.4	141.1	961.4	1300.0
87.5°	32.2	36.3	40.3	44.3	52.4	52.4	52.4	52.4	48.4	102.8	262.0
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: P459252

CATALOG NUMBER: GALN-SA7B-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3	8763.3
2.5°	9887.9	10115.6	10274.9	10315.2	10200.3	10147.9	10002.8	9777.0	9640.0	9633.9
5°	10420.0	10954.1	11324.9	11387.4	11165.7	10790.8	10345.4	9771.0	9434.4	9333.6
7.5°	10329.3	11264.5	11861.0	11947.7	11574.8	10859.3	9996.7	9071.6	8704.8	8549.6
10°	9956.4	11097.2	11949.7	12086.8	11588.9	10581.2	9484.8	8452.9	7997.4	7878.5
12.5°	9638.0	10790.8	11548.6	11738.1	11361.2	10355.5	9178.4	8055.8	7568.1	7457.2
15°	9498.9	10428.0	10891.6	10988.3	10925.9	10214.4	9146.2	7995.4	7437.1	7316.1
17.5°	9638.0	10119.7	10178.1	10276.9	10415.9	10200.3	9456.6	8323.9	7721.3	7572.1
20°	10002.8	9851.6	9609.8	9652.1	9970.5	10258.7	10008.8	9051.5	8317.8	8158.6
22.5°	10623.5	9785.1	9236.9	9200.6	9603.7	10454.2	10819.0	10037.0	9186.5	9029.3
25°	11385.4	9952.4	9099.8	9021.2	9460.6	10740.4	11699.8	11244.3	10315.2	10075.3
27.5°	12215.8	10299.0	9099.8	9023.3	9448.5	10994.4	12453.6	12312.5	11484.1	11222.1
30°	12671.2	10585.2	9230.8	9144.2	9597.7	11141.5	12856.7	13261.8	12362.9	12038.4
32.5°	13078.4	10982.3	9486.8	9323.6	9910.1	11359.2	13217.4	14068.0	13062.2	12844.6
35°	13453.3	11407.6	9839.5	9650.1	10321.2	11657.5	13616.5	14914.5	14035.7	13707.2
37.5°	13866.4	11901.3	10389.7	10228.5	11008.5	12237.9	14090.1	16027.0	14993.1	14579.9
40°	14315.9	12473.7	11294.7	11226.2	12100.9	12895.0	14688.7	17214.1	16085.5	15615.8
42.5°	14773.4	13132.8	12403.2	12516.1	13338.4	13816.0	15303.5	18127.1	16980.3	16462.3
45°	15188.6	13975.3	13844.3	14402.5	14781.4	14714.9	15758.9	18770.1	17760.3	17264.5
47.5°	15712.6	15202.7	15587.6	16448.2	16458.3	15692.4	16103.6	19296.1	18431.5	17935.7
50°	16299.1	16651.8	17838.9	18715.6	18479.8	16653.8	16506.7	19918.9	19124.8	18727.7
52.5°	16978.3	18274.3	19918.9	20892.3	20342.1	17701.9	17177.8	20592.0	20225.2	19844.3
55°	17768.4	19380.7	21992.8	22768.7	22214.5	19003.9	18197.7	21505.0	21468.8	21208.8
57.5°	18661.2	20549.7	23194.0	24244.1	23750.3	20531.6	19622.6	22365.7	22228.6	22083.5
59°	19366.6	21150.3	23724.1	24812.4	24514.1	21601.8	20579.9	22901.8	22403.9	22186.3
60°	19793.9	21557.4	23919.6	24889.0	24820.5	22238.7	21186.6	23163.8	22401.9	22099.6
62.5°	21061.6	22268.9	23845.0	24548.4	24816.5	23460.1	22966.3	23452.0	21986.7	21543.3
65°	21513.1	22033.1	22609.5	22522.9	22752.6	23397.6	24103.0	23135.6	21099.9	20469.1
67.5°	20634.4	19447.3	19650.8	19072.4	18959.5	20801.6	23641.4	21587.7	19364.6	18592.7
70°	17393.5	14898.3	14795.6	15061.6	14332.0	16841.3	21228.9	18606.8	16500.6	15625.9
72.5°	13691.1	10528.8	9662.2	10641.7	10619.5	12848.6	17635.3	13203.3	11147.6	11073.0
75°	10766.6	7330.3	6433.4	6592.6	6898.9	9301.4	14045.8	8384.3	6864.7	6256.0
77.5°	7227.5	5193.9	4845.2	4649.7	4980.2	5971.8	8886.2	4546.9	3849.5	3646.0
80°	4166.0	3773.0	4284.9	3889.9	4067.2	3762.9	4419.9	2086.0	1731.3	1874.4
82.5°	2710.8	2148.5	2289.6	1701.1	2325.9	2346.0	1418.9	616.7	522.0	554.3
85°	1695.0	1007.7	566.3	403.1	802.2	1475.3	443.4	38.3	44.3	38.3
87.5°	439.4	167.3	70.5	104.8	129.0	114.9	102.8	6.0	2.0	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)