

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: P651465

Luminaire Tested: **GALN-SA6D-840-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P651465
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-SA6D-840-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 4000K, 1200mA 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: 27705.9 lumens
Efficiency: N/A
Efficacy: 75.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G4

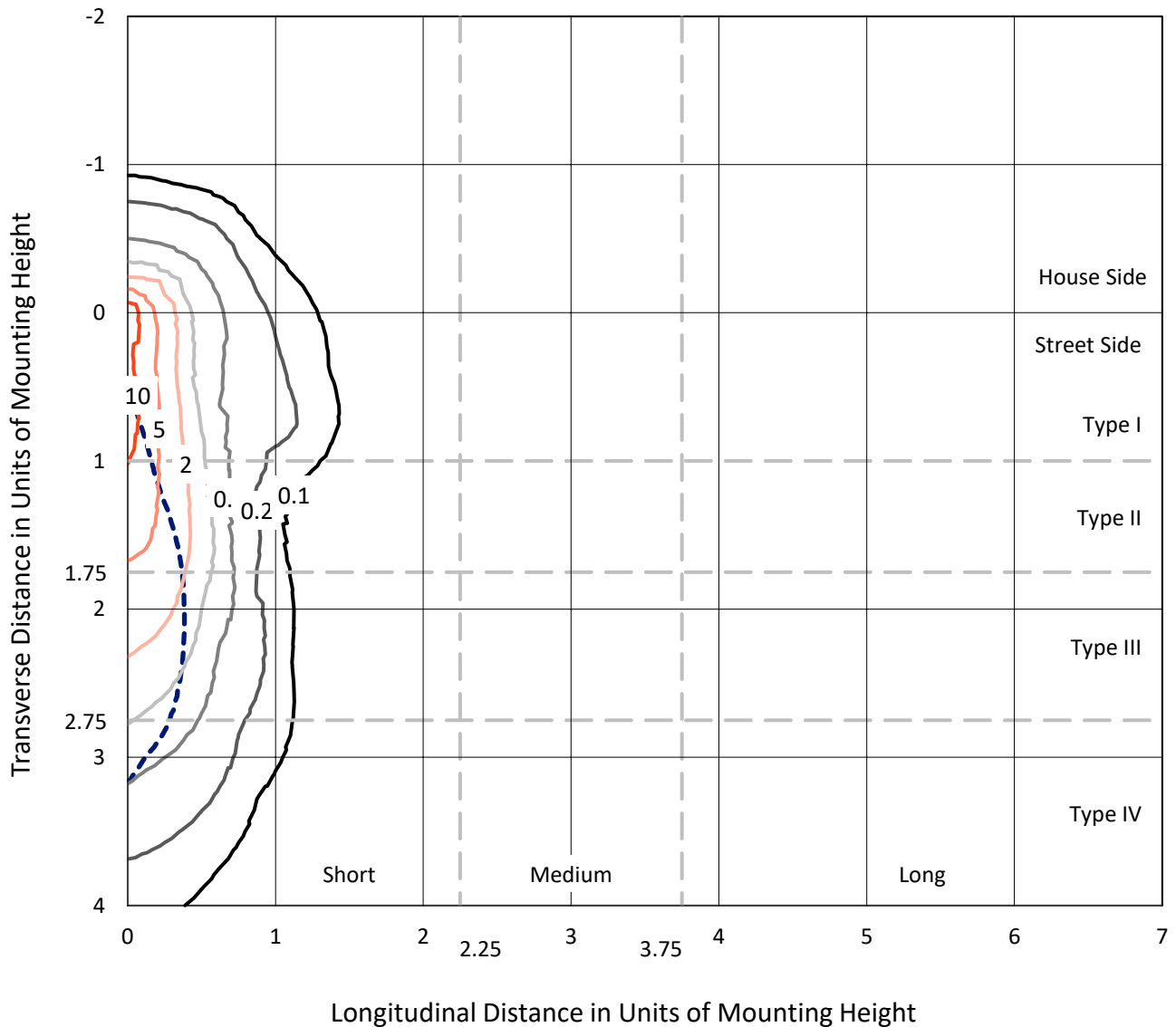
Input Watts (W): 368
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P651465
 CATALOG NUMBER: GALN-SA6D-840-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

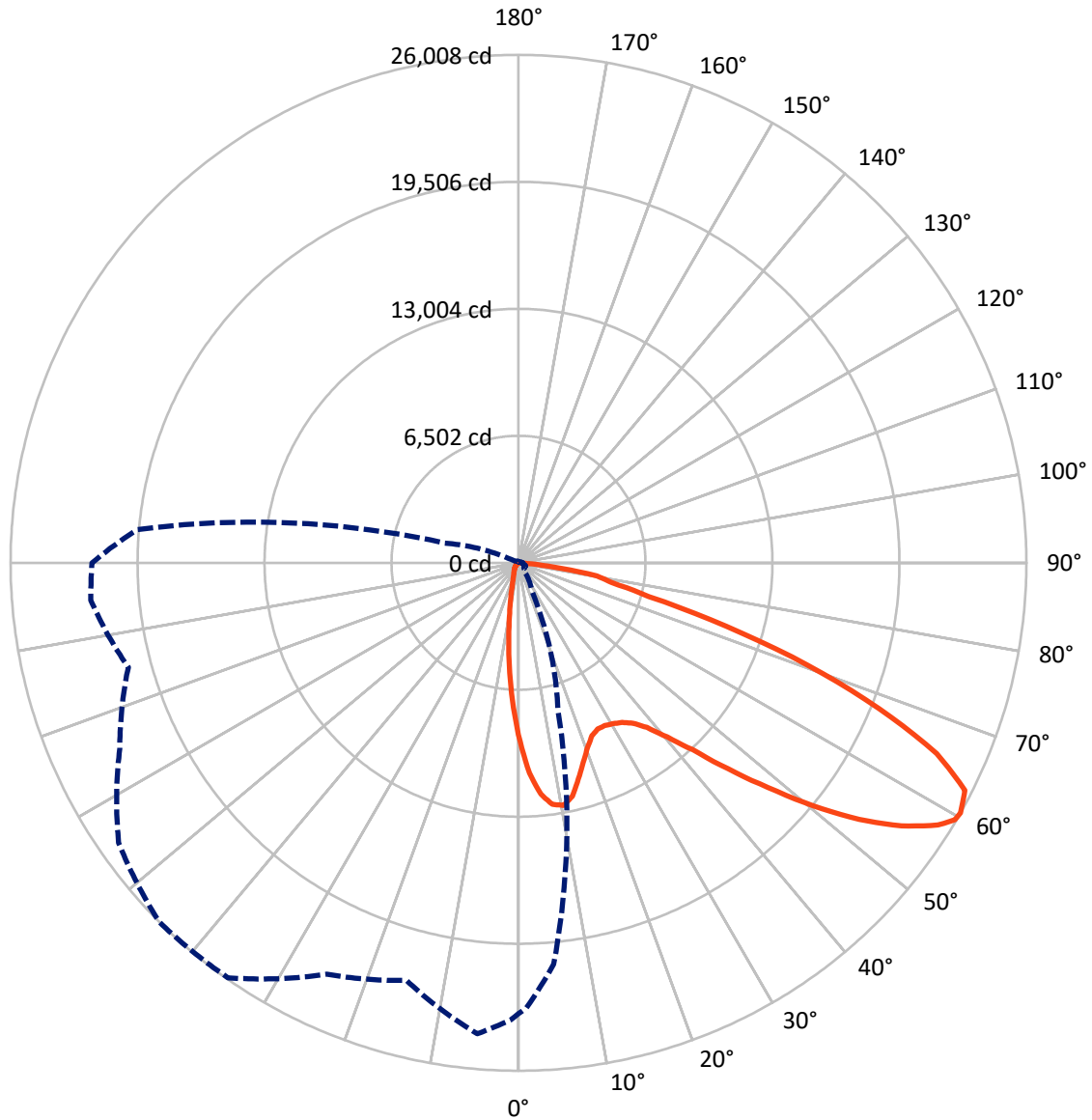
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P651465
CATALOG NUMBER: GALN-SA6D-840-U-SLR-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P651465
 CATALOG NUMBER: GALN-SA6D-840-U-SLR-HSS

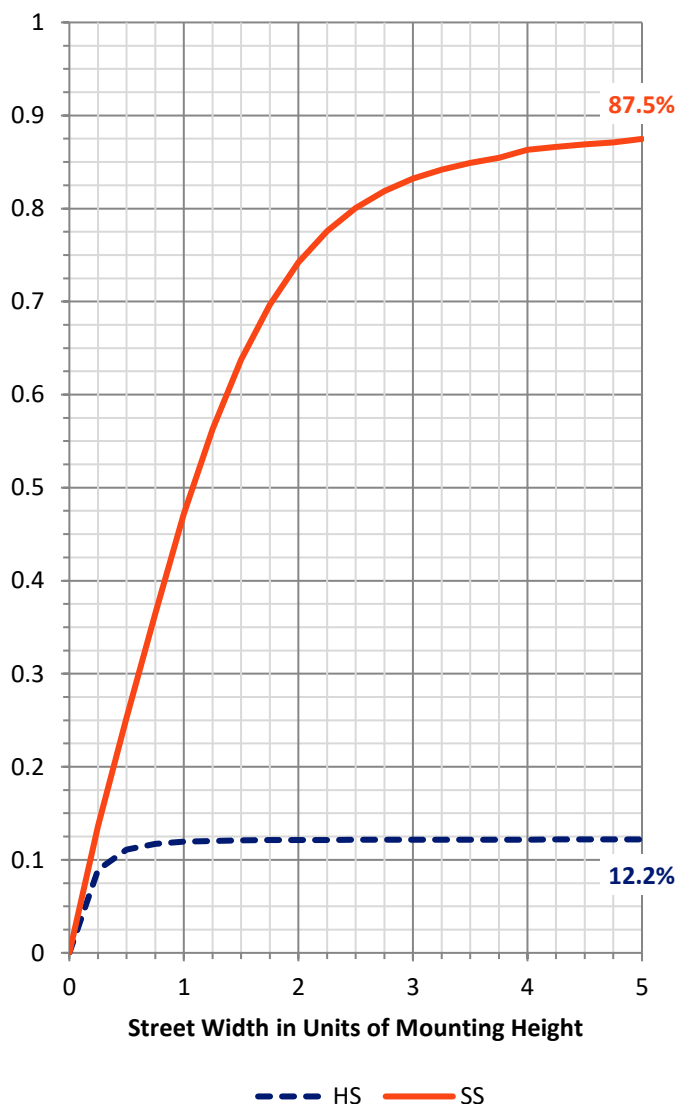
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3417.2	0.0	3417.2
	% Fixture	12.3	0.0	12.3
Street Side	Lumens	24288.6	0.0	24288.6
	% Fixture	87.7	0.0	87.7
Total	Lumens	27705.9	0.0	27705.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	681.1	2.5
10°-20°	1352.6	4.9
20°-30°	1983.3	7.2
30°-40°	2949.6	10.6
40°-50°	4292.5	15.5
50°-60°	6190.1	22.3
60°-70°	6808.5	24.6
70°-80°	3049.6	11.0
80°-90°	398.5	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°	27705.9	100.0
0°-180°	27705.9	100.0

Coefficient of Utilization

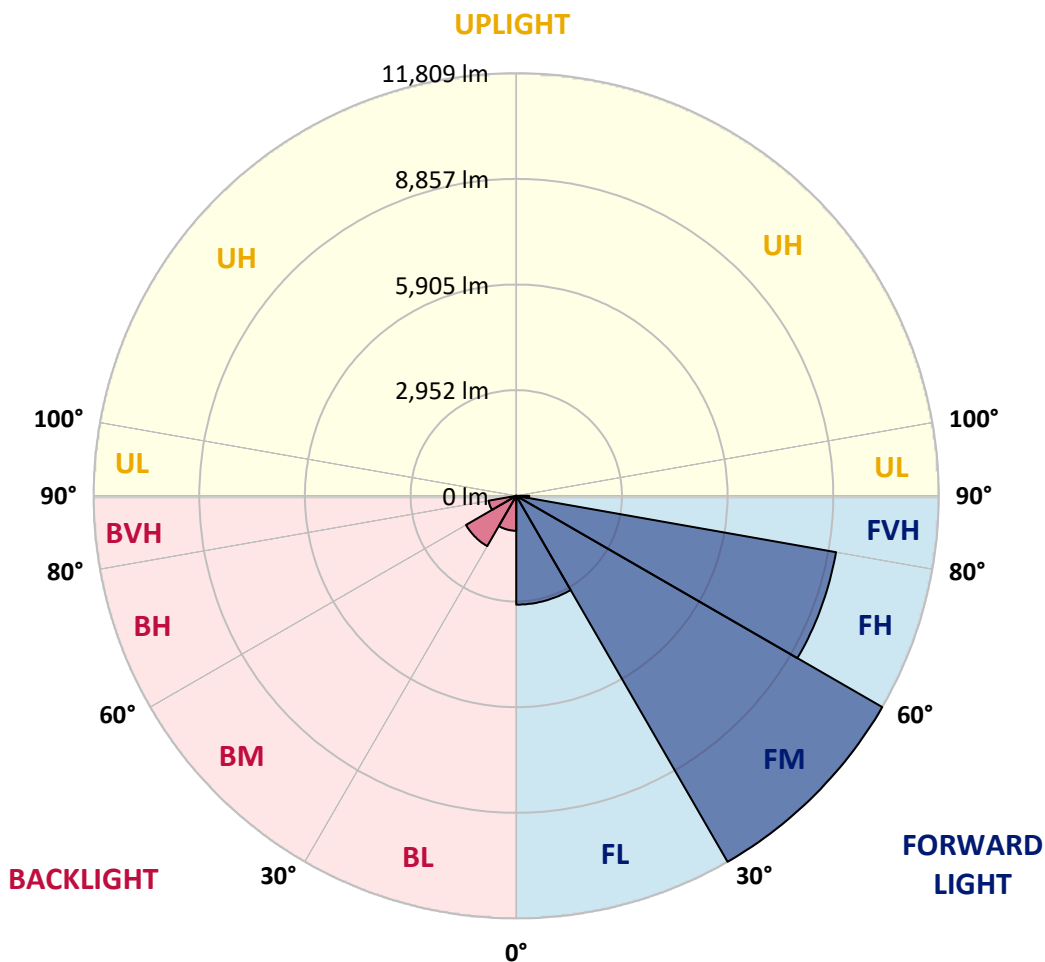


REPORT NUMBER: P651465
 CATALOG NUMBER: GALN-SA6D-840-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3040.6	11.0			
FM (30°-60°)	11809.1	42.6			
FH (60°-80°)	9074.5	32.8			G4/12000
FVH (80°-90°)	364.4	1.3			G3/500
BL (0°-30°)	976.4	3.5	B2/1000		
BM (30°-60°)	1623.1	5.9	B2/2500		
BH (60°-80°)	783.6	2.8	B2/1000		G2/1000
BVH (80°-90°)	34.1	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: P651465

CATALOG NUMBER: GALN-SA6D-840-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2
2.5°	10067.0	10022.8	9921.7	9614.2	9346.7	8997.1	8643.3	8365.3	8194.7	7880.9	7737.7
5°	9753.2	9774.3	9481.5	8849.7	8146.3	7666.1	7141.7	6724.7	6265.5	5974.9	5669.5
7.5°	8933.9	8891.8	8573.8	7693.5	6838.4	6143.4	5480.0	4940.9	4601.8	4330.1	4102.7
10°	8232.6	8201.0	7794.6	6661.5	5743.3	5223.0	4774.4	4302.7	3938.3	3540.3	3222.3
12.5°	7792.5	7720.9	7253.3	6069.7	5322.0	4837.7	4349.1	3858.3	3355.0	2952.8	2567.3
15°	7645.0	7541.8	7021.7	5865.4	5052.5	4437.5	3824.6	3260.2	2681.0	2236.6	1946.0
17.5°	7912.5	7741.9	7188.0	5829.6	4730.2	3915.2	3161.2	2426.2	1823.9	1484.8	1305.7
20°	8525.4	8329.5	7609.2	5793.8	4372.2	3329.7	2403.0	1714.4	1261.5	1076.2	977.2
22.5°	9435.2	9165.6	8232.6	5850.7	4041.5	2759.0	1735.4	1211.0	1002.5	886.7	817.1
25°	10528.2	10302.9	9022.4	6052.8	3780.4	2310.4	1341.6	989.9	844.5	773.0	720.3
27.5°	11726.6	11366.5	10043.9	6295.1	3542.4	1962.9	1177.3	884.6	751.9	686.6	659.2
30°	12579.6	12299.5	10898.9	6463.5	3245.4	1701.7	1076.2	871.9	754.0	676.1	625.5
32.5°	13422.0	13063.9	11615.0	6541.5	3028.5	1520.6	930.9	760.3	661.3	621.3	570.8
35°	14323.4	13948.5	12329.0	6499.3	2866.4	1400.5	844.5	678.2	566.5	499.1	448.6
37.5°	15235.3	14839.4	13038.7	6347.7	2765.3	1352.1	777.2	644.5	535.0	465.4	410.7
40°	16317.8	15789.2	13704.2	6223.4	2660.0	1326.8	732.9	623.4	511.7	438.1	383.3
42.5°	17202.4	16699.1	14333.9	6158.1	2588.3	1267.9	732.9	606.5	497.0	414.9	358.0
45°	18040.6	17518.3	15014.2	6210.8	2558.9	1194.1	741.3	604.4	486.5	398.0	341.2
47.5°	18741.9	18289.1	15713.4	6408.8	2521.0	1114.1	697.1	633.9	480.2	383.3	324.4
50°	19569.6	19131.6	16637.9	6808.9	2453.5	1034.1	642.4	682.4	478.1	370.6	309.6
52.5°	20736.4	20262.5	17914.2	7263.8	2346.1	911.9	591.8	676.1	469.6	349.6	294.9
55°	22162.2	21778.9	19392.7	7809.3	2198.7	775.1	511.7	600.2	444.4	313.8	269.5
57.5°	23076.2	22749.8	20500.5	8045.2	1973.4	633.9	450.7	503.3	406.5	280.1	240.1
59°	23183.6	22888.7	20732.2	7967.3	1826.0	579.2	421.2	431.8	395.9	261.1	223.3
60°	23093.1	22787.7	20639.5	7815.7	1689.1	541.3	395.9	383.3	398.0	250.6	210.6
62.5°	22511.8	21989.5	19740.2	7046.9	1476.4	497.0	351.7	313.8	351.7	225.4	187.5
65°	21389.2	20605.8	17960.6	5964.4	1392.1	471.8	299.1	263.2	267.4	198.0	162.1
67.5°	19428.5	18440.8	15591.2	4846.1	1356.3	473.9	252.7	235.9	206.4	168.5	143.2
70°	16328.4	15342.7	12510.0	3986.8	1339.5	473.9	214.8	202.2	172.7	141.1	124.3
72.5°	11570.7	10509.3	8439.0	3131.7	1206.8	471.8	183.3	183.3	141.1	117.9	101.1
75°	6537.3	6545.7	5305.2	2215.6	1002.5	389.6	147.4	145.3	103.2	90.6	75.9
77.5°	3809.9	3742.4	3576.1	951.9	465.4	176.9	103.2	88.5	71.6	65.3	54.7
80°	1958.6	1611.1	1569.1	345.4	166.3	111.6	71.6	50.5	46.3	42.1	37.9
82.5°	579.2	581.3	518.1	139.0	92.7	73.7	35.8	27.4	25.3	23.1	23.1
85°	40.0	25.3	29.5	42.1	56.9	29.5	2.1	6.3	6.3	8.4	10.5
87.5°	4.2	2.1	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: P651465

CATALOG NUMBER: GALN-SA6D-840-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2
2.5°	7579.8	7672.4	7499.7	7503.9	7360.7	7407.0	7238.6	7293.3	7194.3	7270.2	7493.4
5°	5703.2	5724.3	5585.3	5541.1	5562.1	5648.5	5682.2	5528.4	5593.7	5465.2	5456.8
7.5°	4018.4	4043.7	3963.6	3953.1	4104.8	4068.9	4134.2	3976.2	3826.7	3892.0	3772.0
10°	3121.2	3015.9	2851.6	2805.3	2775.8	2794.7	2794.7	2651.5	2630.5	2573.6	2660.0
12.5°	2464.1	2335.6	2179.8	1969.2	1916.6	1912.3	1834.4	1708.0	1668.0	1619.6	1691.2
15°	1790.2	1737.5	1606.9	1489.0	1369.0	1345.8	1219.4	1116.3	979.3	960.3	954.0
17.5°	1259.4	1181.5	1179.4	1112.0	1042.5	996.2	878.3	760.3	707.6	701.3	701.3
20°	943.5	916.1	871.9	863.5	842.4	789.8	684.5	621.3	596.0	598.1	606.5
22.5°	794.0	775.1	735.0	716.0	707.6	661.3	583.4	541.3	528.7	528.7	530.8
25°	709.7	692.9	648.7	619.1	608.6	575.0	513.9	482.3	471.8	471.8	471.8
27.5°	646.6	625.5	579.2	553.9	535.0	497.0	459.1	427.6	417.0	417.0	419.1
30°	602.3	579.2	537.1	503.3	473.9	440.2	408.6	381.2	368.5	366.4	368.5
32.5°	543.4	522.3	480.2	459.1	425.5	385.4	360.1	334.9	322.2	324.4	322.2
35°	423.4	417.0	387.5	393.8	374.9	341.2	318.0	290.6	275.9	273.8	278.0
37.5°	385.4	360.1	326.5	328.6	322.2	309.6	271.6	242.2	231.7	231.7	233.8
40°	355.9	330.7	292.8	273.8	275.9	275.9	235.9	204.3	193.8	191.7	195.9
42.5°	330.7	305.4	263.2	231.7	223.3	233.8	200.1	168.5	157.9	153.7	157.9
45°	313.8	286.4	238.0	202.2	176.9	189.6	164.2	139.0	126.4	126.4	124.3
47.5°	297.0	271.6	219.0	174.8	147.4	141.1	134.8	111.6	99.0	96.9	99.0
50°	282.2	256.9	198.0	151.6	124.3	109.5	109.5	88.5	80.1	75.9	78.0
52.5°	267.4	240.1	179.0	134.8	107.4	88.5	78.0	71.6	65.3	63.2	65.3
55°	246.4	219.0	160.0	115.8	92.7	73.7	61.1	59.0	54.7	50.5	54.7
57.5°	221.1	195.9	141.1	99.0	73.7	56.9	50.5	48.4	44.2	42.1	42.1
59°	206.4	183.3	130.6	86.4	65.3	50.5	46.3	44.2	40.0	35.8	37.9
60°	198.0	179.0	124.3	80.1	59.0	46.3	42.1	40.0	35.8	33.7	35.8
62.5°	174.8	160.0	109.5	65.3	46.3	33.7	29.5	31.6	29.5	27.4	29.5
65°	153.7	141.1	92.7	50.5	35.8	23.1	21.0	27.4	25.3	23.1	25.3
67.5°	136.9	122.1	78.0	37.9	25.3	12.6	14.7	23.1	23.1	21.0	23.1
70°	117.9	105.3	63.2	27.4	12.6	6.3	10.5	16.8	21.0	18.9	21.0
72.5°	96.9	82.2	48.4	18.9	6.3	0.0	6.3	14.7	21.0	18.9	21.0
75°	75.9	61.1	35.8	10.5	0.0	0.0	2.1	12.6	21.0	18.9	21.0
77.5°	54.7	44.2	21.0	2.1	0.0	0.0	2.1	12.6	21.0	18.9	21.0
80°	35.8	31.6	8.4	0.0	0.0	0.0	2.1	12.6	21.0	21.0	23.1
82.5°	23.1	16.8	0.0	0.0	0.0	0.0	4.2	16.8	23.1	25.3	25.3
85°	10.5	0.0	0.0	0.0	0.0	0.0	8.4	21.0	27.4	27.4	27.4
87.5°	0.0	0.0	0.0	0.0	0.0	4.2	14.7	25.3	31.6	31.6	31.6
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: P651465

CATALOG NUMBER: GALN-SA6D-840-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2
2.5°	7531.3	7664.0	7851.4	8140.0	8373.8	8742.3	9024.5	9409.9	9799.6	9917.5	10100.7
5°	5543.2	5713.8	6139.2	6526.7	6771.1	7550.2	8043.1	8820.2	9517.3	9852.2	10216.6
7.5°	3849.9	4052.1	4376.4	4917.7	5431.6	6065.5	6861.6	7750.3	8771.8	9249.8	9763.8
10°	2702.0	2954.9	3411.9	3856.2	4502.8	5105.1	5890.7	6872.1	7998.8	8563.3	9207.8
12.5°	1705.9	1931.3	2535.7	3034.8	3841.4	4540.7	5265.2	6153.9	7459.7	8038.9	8714.9
15°	975.1	1164.6	1446.9	2087.1	2982.2	3906.8	4810.3	5842.3	7183.8	7897.7	8628.6
17.5°	726.6	777.2	903.5	1265.8	2080.8	3161.2	4391.2	5747.5	7371.3	8209.5	9043.4
20°	610.7	644.5	703.4	846.6	1326.8	2434.6	3982.6	5764.3	7977.8	9030.8	9822.7
22.5°	547.6	568.6	617.0	709.7	905.6	1773.3	3504.5	5863.3	8712.8	10039.6	10953.7
25°	480.2	507.5	549.7	629.7	754.0	1230.0	3032.7	6084.5	9742.6	11320.1	12179.4
27.5°	427.6	452.8	494.9	568.6	661.3	939.3	2483.1	6273.9	10829.4	12609.0	13312.4
30°	374.9	400.1	442.3	501.2	585.5	760.3	1891.2	6385.6	11884.6	13575.8	14117.0
32.5°	330.7	351.7	391.7	444.4	513.9	644.5	1491.1	6269.7	12691.2	14453.9	14816.2
35°	286.4	311.7	345.4	393.8	454.9	549.7	1240.5	5869.6	13384.1	15357.5	15488.0
37.5°	240.1	269.5	305.4	349.6	398.0	505.4	996.2	5427.3	14125.4	16484.2	16269.4
40°	202.2	229.6	263.2	311.7	355.9	463.3	766.6	4955.6	14925.7	17541.5	17122.3
42.5°	164.2	193.8	233.8	278.0	351.7	404.4	593.9	4467.0	15643.9	18461.8	17893.2
45°	130.6	155.8	198.0	254.8	349.6	347.5	459.1	3984.7	16185.1	19118.9	18468.1
47.5°	103.2	124.3	166.3	248.5	322.2	294.9	368.5	3685.6	16753.8	19710.7	18908.3
50°	82.2	103.2	143.2	259.0	282.2	252.7	309.6	3734.0	17303.5	20011.8	19089.4
52.5°	69.5	90.6	124.3	204.3	216.9	221.1	271.6	3957.3	18013.2	20334.1	19449.6
55°	61.1	80.1	105.3	143.2	168.5	198.0	248.5	4119.5	18963.0	21024.9	20243.5
57.5°	48.4	69.5	94.8	122.1	139.0	172.7	229.6	4132.1	19822.4	21911.6	21298.7
59°	44.2	63.2	88.5	115.8	124.3	155.8	216.9	4024.7	19853.9	22044.2	21783.1
60°	40.0	61.1	84.3	107.4	117.9	147.4	206.4	3900.5	19567.5	21833.6	21983.2
62.5°	33.7	52.6	73.7	86.4	101.1	122.1	179.0	3449.8	18179.6	20879.6	21612.5
65°	29.5	46.3	63.2	71.6	84.3	105.3	157.9	2761.1	16646.4	19586.5	20551.0
67.5°	27.4	42.1	54.7	61.1	73.7	96.9	141.1	1950.2	14660.4	17945.8	18956.7
70°	25.3	40.0	48.4	56.9	65.3	82.2	120.0	1137.3	11292.8	15069.0	16136.7
72.5°	25.3	37.9	42.1	48.4	56.9	73.7	111.6	614.9	7720.9	11495.0	12874.4
75°	25.3	35.8	37.9	42.1	50.5	67.4	99.0	322.2	4991.4	7986.2	9856.4
77.5°	25.3	33.7	37.9	40.0	48.4	59.0	86.4	202.2	3325.5	5593.7	6661.5
80°	27.4	33.7	35.8	40.0	46.3	54.7	71.6	134.8	1954.4	3365.5	4054.2
82.5°	29.5	33.7	37.9	42.1	48.4	52.6	63.2	84.3	901.4	2226.1	2518.9
85°	31.6	35.8	40.0	44.2	50.5	52.6	59.0	61.1	147.4	1004.6	1358.4
87.5°	33.7	37.9	42.1	46.3	54.7	54.7	54.7	54.7	50.5	107.4	273.8
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: P651465

CATALOG NUMBER: GALN-SA6D-840-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2	9157.2
2.5°	10332.4	10570.4	10736.7	10778.8	10658.8	10604.1	10452.5	10216.6	10073.3	10067.0
5°	10888.4	11446.5	11834.0	11899.3	11667.6	11275.9	10810.5	10210.2	9858.5	9753.2
7.5°	10793.6	11770.8	12394.2	12484.8	12095.2	11347.5	10446.1	9479.4	9096.1	8933.9
10°	10404.0	11596.0	12486.9	12630.1	12109.9	11056.9	9911.2	8832.9	8356.8	8232.6
12.5°	10071.2	11275.9	12067.8	12265.7	11871.9	10821.0	9591.0	8418.0	7908.3	7792.5
15°	9925.9	10896.8	11381.2	11482.3	11417.0	10673.6	9557.4	8354.7	7771.4	7645.0
17.5°	10071.2	10574.6	10635.6	10738.9	10884.1	10658.8	9881.7	8698.0	8068.4	7912.5
20°	10452.5	10294.5	10041.7	10085.9	10418.7	10719.9	10458.8	9458.4	8691.7	8525.4
22.5°	11101.1	10225.0	9652.2	9614.2	10035.4	10924.2	11305.4	10488.2	9599.5	9435.2
25°	11897.2	10399.8	9508.9	9426.8	9885.9	11223.2	12225.7	11749.8	10778.8	10528.2
27.5°	12764.9	10762.0	9508.9	9428.9	9873.3	11488.6	13013.4	12866.0	12000.4	11726.6
30°	13240.9	11061.1	9645.8	9555.3	10029.1	11642.4	13434.6	13857.9	12918.6	12579.6
32.5°	13666.3	11475.9	9913.3	9742.6	10355.6	11869.8	13811.6	14700.3	13649.4	13422.0
35°	14058.0	11920.3	10281.8	10083.8	10785.2	12181.5	14228.6	15584.9	14666.7	14323.4
37.5°	14489.8	12436.4	10856.8	10688.3	11503.4	12788.1	14723.6	16747.5	15667.1	15235.3
40°	14959.5	13034.5	11802.4	11730.9	12644.9	13474.7	15349.0	17988.0	16808.6	16317.8
42.5°	15437.5	13723.2	12960.7	13078.7	13938.0	14437.1	15991.4	18942.0	17743.7	17202.4
45°	15871.4	14603.5	14466.6	15049.9	15445.9	15376.4	16467.4	19613.8	18558.7	18040.6
47.5°	16418.9	15886.1	16288.3	17187.7	17198.2	16397.9	16827.5	20163.6	19260.0	18741.9
50°	17031.8	17400.4	18640.8	19557.0	19310.5	17402.5	17248.7	20814.3	19984.5	19569.6
52.5°	17741.6	19095.7	20814.3	21831.5	21256.6	18497.6	17950.1	21517.7	21134.4	20736.4
55°	18567.1	20252.0	22981.4	23792.3	23213.1	19858.1	19015.7	22471.8	22433.8	22162.2
57.5°	19500.1	21473.5	24236.7	25333.9	24817.9	21454.6	20504.7	23371.1	23227.8	23076.2
59°	20237.2	22101.1	24790.6	25927.9	25616.1	22572.9	21505.1	23931.3	23411.1	23183.6
60°	20683.7	22526.5	24994.9	26007.8	25936.3	23238.4	22139.0	24205.1	23409.0	23093.1
62.5°	22008.5	23270.0	24916.9	25651.9	25932.1	24514.6	23998.7	24506.2	22975.1	22511.8
65°	22480.2	23023.6	23625.9	23535.4	23775.4	24449.4	25186.5	24175.6	22048.5	21389.2
67.5°	21562.0	20321.5	20534.2	19929.8	19811.8	21736.7	24704.2	22558.1	20235.1	19428.5
70°	18175.4	15568.1	15460.7	15738.6	14976.3	17598.3	22183.2	19443.2	17242.4	16328.4
72.5°	14306.5	11002.1	10096.5	11120.0	11096.9	13426.2	18428.2	13796.9	11648.7	11570.7
75°	11250.6	7659.7	6722.6	6889.0	7209.1	9719.5	14677.2	8761.3	7173.3	6537.3
77.5°	7552.3	5427.3	5063.0	4858.7	5204.1	6240.3	9285.6	4751.3	4022.6	3809.9
80°	4353.3	3942.5	4477.5	4064.7	4250.1	3932.0	4618.6	2179.8	1809.1	1958.6
82.5°	2832.7	2245.0	2392.5	1777.5	2430.4	2451.4	1482.7	644.5	545.5	579.2
85°	1771.2	1053.0	591.8	421.2	838.2	1541.6	463.3	40.0	46.3	40.0
87.5°	459.1	174.8	73.7	109.5	134.8	120.0	107.4	6.3	2.1	4.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)