

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: P651630

Luminaire Tested: **GALN-SA9D-840-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P651630
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-SA9D-840-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 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: 42356.1 lumens
Efficiency: N/A
Efficacy: 76.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

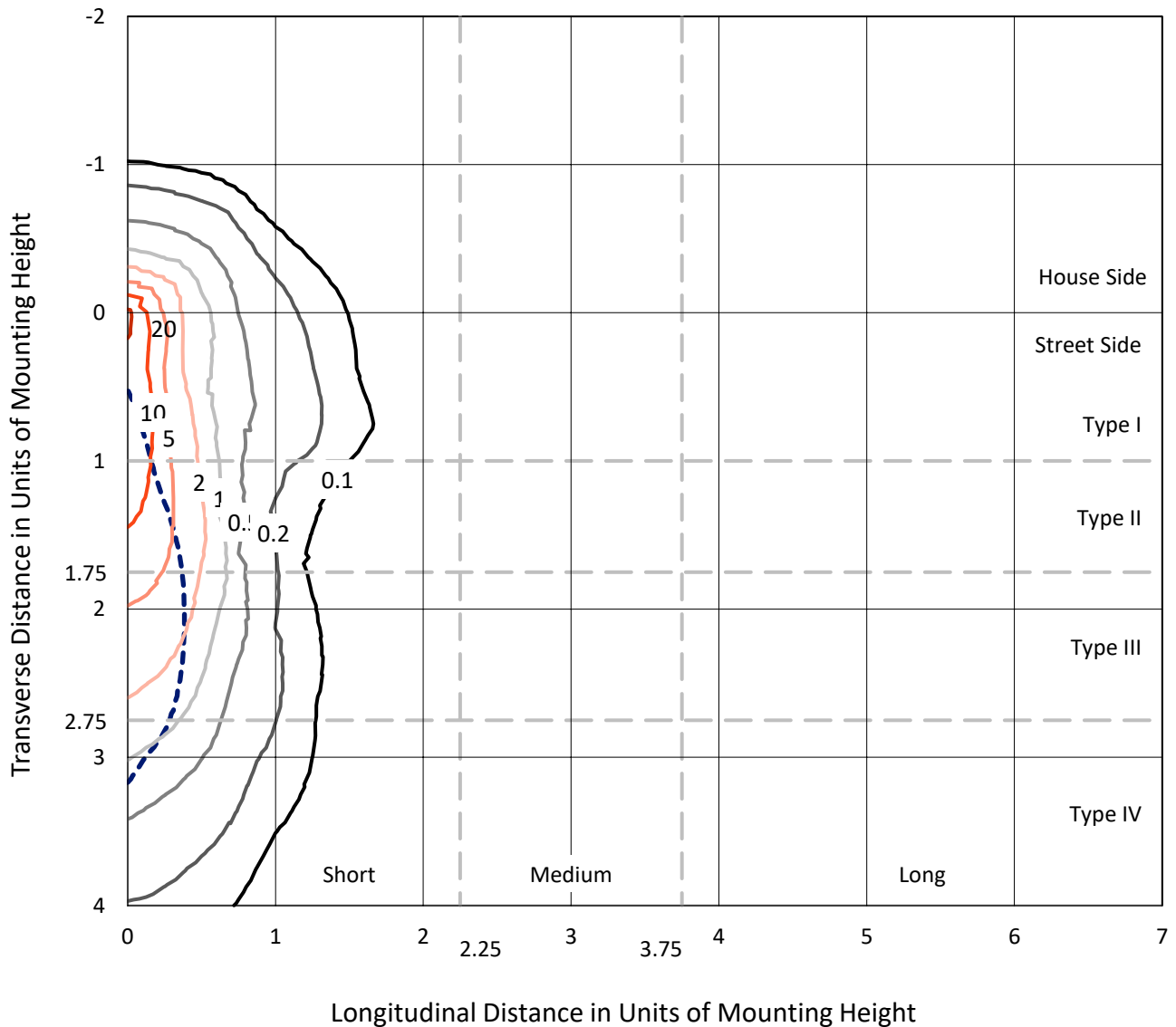
Input Watts (W): 552
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P651630
 CATALOG NUMBER: GALN-SA9D-840-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

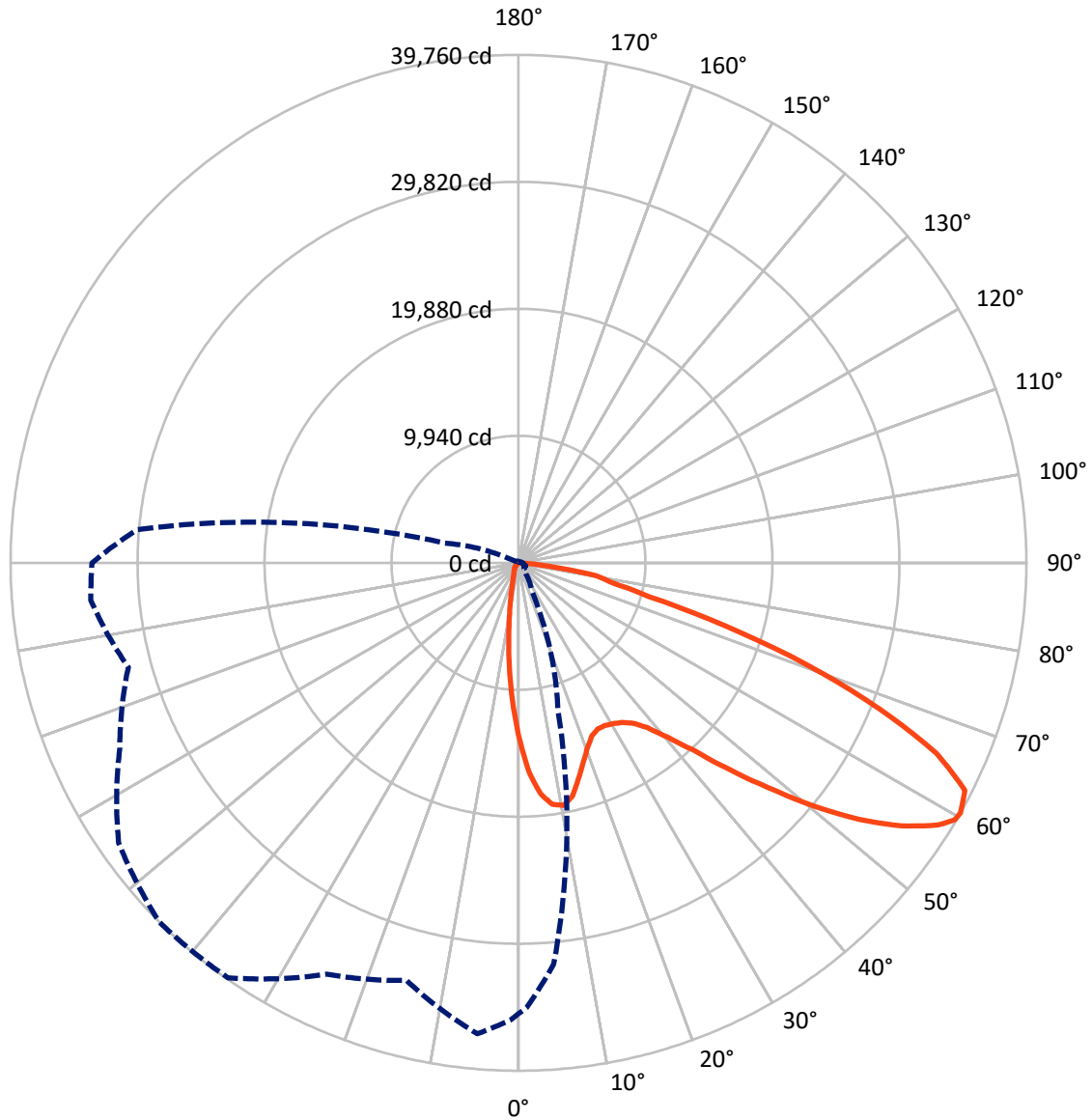
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P651630
CATALOG NUMBER: GALN-SA9D-840-U-SLR-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P651630
 CATALOG NUMBER: GALN-SA9D-840-U-SLR-HSS

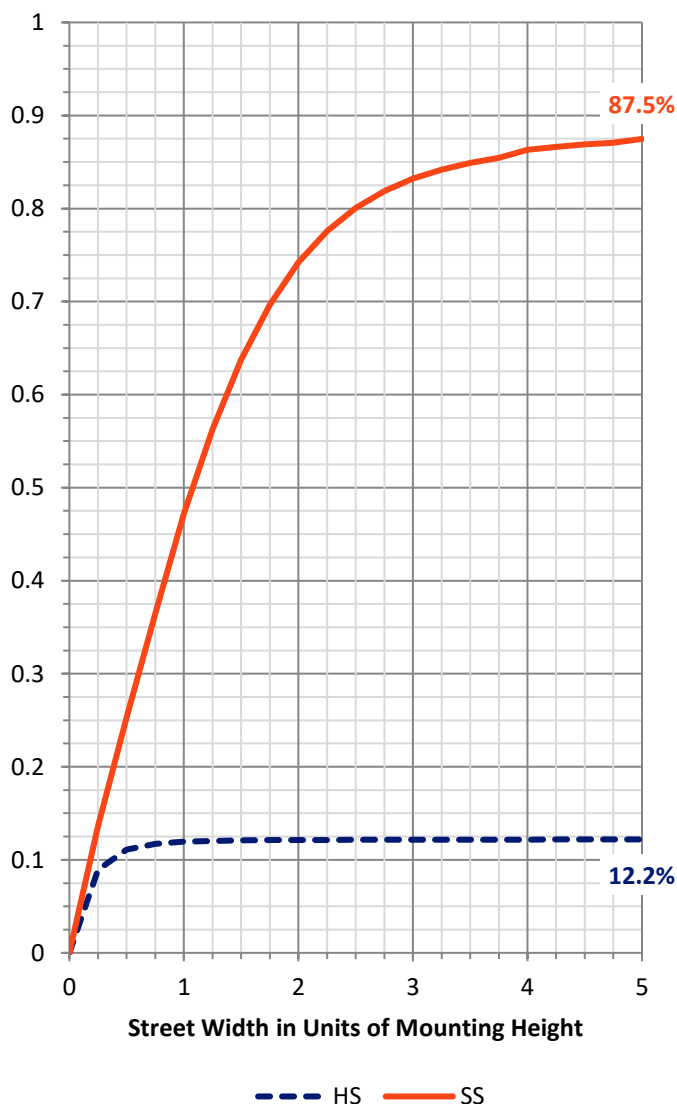
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5224.2	0.0	5224.2
	% Fixture	12.3	0.0	12.3
Street Side	Lumens	37131.9	0.0	37131.9
	% Fixture	87.7	0.0	87.7
Total	Lumens	42356.1	0.0	42356.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1041.2	2.5
10°-20°	2067.9	4.9
20°-30°	3032.1	7.2
30°-40°	4509.2	10.6
40°-50°	6562.3	15.5
50°-60°	9463.4	22.3
60°-70°	10408.7	24.6
70°-80°	4662.2	11.0
80°-90°	609.2	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°	42356.1	100.0
0°-180°	42356.1	100.0

Coefficient of Utilization



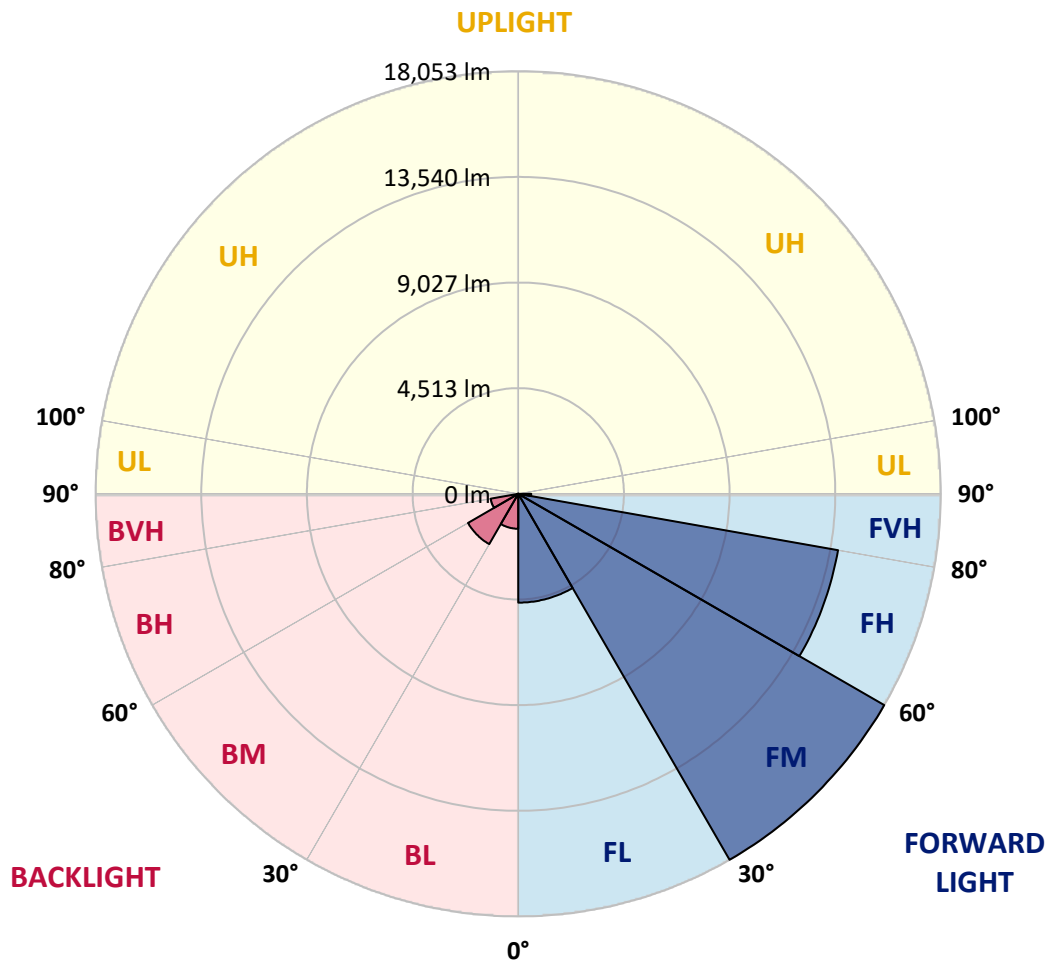
REPORT NUMBER: P651630
 CATALOG NUMBER: GALN-SA9D-840-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4648.4	11.0			
FM (30°-60°)	18053.5	42.6			
FH (60°-80°)	13872.9	32.8			G5
FVH (80°-90°)	557.1	1.3			G4/750
BL (0°-30°)	1492.7	3.5	B3/2500		
BM (30°-60°)	2481.4	5.9	B2/2500		
BH (60°-80°)	1198.0	2.8	B3/2500		G3/2500
BVH (80°-90°)	52.1	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short





REPORT NUMBER: P651630

CATALOG NUMBER: GALN-SA9D-840-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3
2.5°	15390.2	15322.6	15168.0	14698.0	14289.1	13754.6	13213.7	12788.7	12527.9	12048.2	11829.3
5°	14910.5	14942.7	14495.1	13529.3	12453.9	11719.8	10918.0	10280.6	9578.7	9134.4	8667.4
7.5°	13658.0	13593.6	13107.4	11761.6	10454.4	9391.9	8377.7	7553.4	7035.0	6619.8	6272.0
10°	12585.8	12537.5	11916.1	10183.9	8780.1	7984.9	7299.1	6577.9	6020.9	5412.3	4926.2
12.5°	11912.9	11803.4	11088.7	9279.2	8136.2	7395.7	6648.7	5898.5	5129.0	4514.1	3924.9
15°	11687.5	11529.8	10734.5	8966.9	7724.1	6783.9	5847.0	4984.1	4098.7	3419.3	2975.0
17.5°	12096.4	11835.6	10988.8	8912.2	7231.5	5985.5	4832.8	3709.1	2788.3	2269.9	1996.2
20°	13033.4	12733.9	11632.8	8857.4	6684.1	5090.4	3673.7	2620.8	1928.6	1645.2	1494.0
22.5°	14424.3	14012.2	12585.8	8944.4	6178.7	4217.8	2653.0	1851.3	1532.6	1355.5	1249.2
25°	16095.3	15750.8	13793.2	9253.4	5779.4	3532.0	2050.9	1513.3	1291.1	1181.6	1101.1
27.5°	17927.3	17376.7	15354.8	9623.7	5415.5	3000.8	1799.8	1352.2	1149.5	1049.7	1007.8
30°	19231.3	18803.1	16662.0	9881.3	4961.6	2601.5	1645.2	1333.0	1152.7	1033.5	956.2
32.5°	20519.2	19971.9	17756.7	10000.4	4630.0	2324.6	1423.1	1162.3	1011.0	949.8	872.5
35°	21897.3	21324.1	18848.2	9936.0	4382.0	2141.1	1291.1	1036.8	866.1	763.0	685.8
37.5°	23291.4	22686.1	19933.2	9704.2	4227.5	2067.1	1188.1	985.2	817.8	711.6	627.8
40°	24946.3	24138.2	20950.7	9514.2	4066.5	2028.4	1120.5	953.0	782.4	669.7	586.0
42.5°	26298.6	25529.1	21913.3	9414.4	3957.0	1938.3	1120.5	927.3	759.8	634.3	547.3
45°	27580.0	26781.6	22953.3	9494.9	3911.9	1825.6	1133.3	924.1	743.8	608.5	521.6
47.5°	28652.2	27960.0	24022.2	9797.6	3854.0	1703.2	1065.7	969.2	734.1	586.0	495.9
50°	29917.6	29247.9	25435.7	10409.3	3750.9	1580.9	982.0	1043.2	730.9	566.7	473.3
52.5°	31701.2	30976.8	27386.8	11104.8	3586.8	1394.1	904.7	1033.5	718.0	534.5	450.8
55°	33881.0	33295.0	29647.1	11938.7	3361.4	1184.9	782.4	917.6	679.4	479.7	412.1
57.5°	35278.4	34779.3	31340.7	12299.3	3016.8	969.2	689.0	769.5	621.4	428.2	367.0
59°	35442.6	34991.8	31694.9	12180.2	2791.5	885.4	644.0	660.0	605.3	399.2	341.3
60°	35304.2	34837.2	31553.1	11948.3	2582.2	827.5	605.3	586.0	608.5	383.2	321.9
62.5°	34415.5	33617.0	30178.4	10773.1	2257.0	759.8	537.7	479.7	537.7	344.5	286.5
65°	32699.4	31501.7	27457.7	9118.2	2128.2	721.2	457.2	402.5	408.9	302.7	247.9
67.5°	29701.8	28191.7	23835.5	7408.5	2073.5	724.4	386.4	360.6	315.5	257.6	218.9
70°	24962.4	23455.6	19125.1	6094.9	2047.8	724.4	328.4	309.1	264.0	215.7	190.0
72.5°	17689.1	16066.4	12901.4	4787.7	1844.9	721.2	280.1	280.1	215.7	180.3	154.6
75°	9994.0	10006.9	8110.4	3387.1	1532.6	595.7	225.4	222.2	157.8	138.4	115.9
77.5°	5824.4	5721.4	5467.1	1455.4	711.6	270.5	157.8	135.2	109.5	99.8	83.7
80°	2994.3	2463.1	2398.7	528.1	254.3	170.6	109.5	77.3	70.8	64.4	57.9
82.5°	885.4	888.6	792.1	212.5	141.7	112.7	54.7	41.9	38.6	35.4	35.4
85°	61.1	38.6	45.1	64.4	87.0	45.1	3.2	9.7	9.7	12.9	16.1
87.5°	6.5	3.2	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: P651630

CATALOG NUMBER: GALN-SA9D-840-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3
2.5°	11587.7	11729.4	11465.4	11471.8	11252.9	11323.7	11066.1	11149.9	10998.5	11114.4	11455.8
5°	8719.0	8751.2	8538.7	8471.1	8503.3	8635.3	8686.8	8451.7	8551.5	8355.2	8342.3
7.5°	6143.2	6181.9	6059.5	6043.4	6275.2	6220.5	6320.3	6078.8	5850.2	5950.0	5766.5
10°	4771.6	4610.6	4359.5	4288.7	4243.6	4272.5	4272.5	4053.6	4021.4	3934.5	4066.5
12.5°	3767.1	3570.6	3332.4	3010.4	2930.0	2923.5	2804.4	2611.2	2550.0	2476.0	2585.4
15°	2736.8	2656.3	2456.6	2276.3	2092.8	2057.4	1864.2	1706.5	1497.1	1468.2	1458.5
17.5°	1925.4	1806.3	1803.0	1700.0	1593.8	1522.9	1342.7	1162.3	1081.9	1072.2	1072.2
20°	1442.4	1400.6	1333.0	1320.1	1287.9	1207.4	1046.4	949.8	911.1	914.4	927.3
22.5°	1213.8	1184.9	1123.7	1094.7	1081.9	1011.0	891.9	827.5	808.1	808.1	811.4
25°	1085.1	1059.3	991.7	946.6	930.5	879.0	785.6	737.3	721.2	721.2	721.2
27.5°	988.4	956.2	885.4	846.8	817.8	759.8	701.9	653.6	637.5	637.5	640.8
30°	920.8	885.4	821.1	769.5	724.4	672.9	624.6	582.7	563.5	560.2	563.5
32.5°	830.7	798.5	734.1	701.9	650.3	589.2	550.6	511.9	492.7	495.9	492.7
35°	647.1	637.5	592.4	602.1	573.1	521.6	486.2	444.3	421.8	418.6	425.0
37.5°	589.2	550.6	499.0	502.2	492.7	473.3	415.4	370.3	354.1	354.1	357.4
40°	544.1	505.5	447.6	418.6	421.8	421.8	360.6	312.3	296.2	293.0	299.4
42.5°	505.5	466.8	402.5	354.1	341.3	357.4	305.9	257.6	241.5	235.1	241.5
45°	479.7	437.9	363.8	309.1	270.5	289.8	251.1	212.5	193.2	193.2	190.0
47.5°	454.0	415.4	334.9	267.3	225.4	215.7	206.0	170.6	151.3	148.1	151.3
50°	431.4	392.8	302.7	231.8	190.0	167.4	167.4	135.2	122.4	115.9	119.2
52.5°	408.9	367.0	273.7	206.0	164.2	135.2	119.2	109.5	99.8	96.6	99.8
55°	376.7	334.9	244.7	177.1	141.7	112.7	93.4	90.2	83.7	77.3	83.7
57.5°	338.1	299.4	215.7	151.3	112.7	87.0	77.3	74.1	67.6	64.4	64.4
59°	315.5	280.1	199.7	132.0	99.8	77.3	70.8	67.6	61.1	54.7	57.9
60°	302.7	273.7	190.0	122.4	90.2	70.8	64.4	61.1	54.7	51.6	54.7
62.5°	267.3	244.7	167.4	99.8	70.8	51.6	45.1	48.3	45.1	41.9	45.1
65°	235.1	215.7	141.7	77.3	54.7	35.4	32.2	41.9	38.6	35.4	38.6
67.5°	209.2	186.7	119.2	57.9	38.6	19.3	22.5	35.4	35.4	32.2	35.4
70°	180.3	161.0	96.6	41.9	19.3	9.7	16.1	25.7	32.2	29.0	32.2
72.5°	148.1	125.6	74.1	29.0	9.7	0.0	9.7	22.5	32.2	29.0	32.2
75°	115.9	93.4	54.7	16.1	0.0	0.0	3.2	19.3	32.2	29.0	32.2
77.5°	83.7	67.6	32.2	3.2	0.0	0.0	3.2	19.3	32.2	29.0	32.2
80°	54.7	48.3	12.9	0.0	0.0	0.0	3.2	19.3	32.2	32.2	35.4
82.5°	35.4	25.7	0.0	0.0	0.0	0.0	6.5	25.7	35.4	38.6	38.6
85°	16.1	0.0	0.0	0.0	0.0	0.0	12.9	32.2	41.9	41.9	41.9
87.5°	0.0	0.0	0.0	0.0	0.0	6.5	22.5	38.6	48.3	48.3	48.3
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: P651630

CATALOG NUMBER: GALN-SA9D-840-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3
2.5°	11513.7	11716.6	12003.1	12444.2	12801.5	13365.0	13796.4	14385.6	14981.3	15161.6	15441.8
5°	8474.3	8735.0	9385.5	9977.9	10351.4	11542.6	12296.1	13484.2	14549.9	15061.8	15618.8
7.5°	5885.7	6194.7	6690.6	7518.0	8303.6	9272.8	10489.8	11848.5	13410.1	14141.0	14926.6
10°	4130.9	4517.3	5216.0	5895.3	6883.8	7804.6	9005.5	10505.9	12228.5	13091.3	14076.6
12.5°	2607.9	2952.5	3876.5	4639.6	5872.8	6941.7	8049.3	9408.0	11404.2	12289.6	13323.2
15°	1490.8	1780.5	2211.9	3190.8	4559.1	5972.5	7353.8	8931.5	10982.5	12073.9	13191.2
17.5°	1110.8	1188.1	1381.3	1935.1	3181.1	4832.8	6713.1	8786.6	11269.0	12550.4	13825.5
20°	933.7	985.2	1075.4	1294.3	2028.4	3722.0	6088.5	8812.3	12196.3	13806.1	15016.7
22.5°	837.1	869.3	943.3	1085.1	1384.5	2711.0	5357.6	8963.7	13319.9	15348.3	16745.7
25°	734.1	776.0	840.3	962.7	1152.7	1880.3	4636.3	9301.7	14894.4	17305.9	18619.6
27.5°	653.6	692.2	756.6	869.3	1011.0	1436.0	3796.0	9591.5	16555.8	19276.4	20351.8
30°	573.1	611.7	676.2	766.3	895.1	1162.3	2891.3	9762.2	18168.8	20754.3	21581.7
32.5°	505.5	537.7	598.9	679.4	785.6	985.2	2279.5	9585.0	19402.0	22096.9	22650.7
35°	437.9	476.5	528.1	602.1	695.4	840.3	1896.4	8973.3	20461.3	23478.1	23677.8
37.5°	367.0	412.1	466.8	534.5	608.5	772.7	1522.9	8297.2	21594.6	25200.6	24872.2
40°	309.1	350.9	402.5	476.5	544.1	708.4	1171.9	7576.0	22818.1	26817.0	26176.3
42.5°	251.1	296.2	357.4	425.0	537.7	618.2	907.9	6829.0	23916.0	28224.0	27354.7
45°	199.7	238.3	302.7	389.6	534.5	531.3	701.9	6091.7	24743.5	29228.5	28233.6
47.5°	157.8	190.0	254.3	380.0	492.7	450.8	563.5	5634.5	25612.8	30133.3	28906.6
50°	125.6	157.8	218.9	396.0	431.4	386.4	473.3	5708.5	26453.2	30593.7	29183.5
52.5°	106.2	138.4	190.0	312.3	331.6	338.1	415.4	6049.8	27538.2	31086.3	29734.1
55°	93.4	122.4	161.0	218.9	257.6	302.7	380.0	6297.7	28990.3	32142.3	30947.9
57.5°	74.1	106.2	144.9	186.7	212.5	264.0	350.9	6317.1	30303.9	33497.9	32560.9
59°	67.6	96.6	135.2	177.1	190.0	238.3	331.6	6152.8	30352.2	33700.7	33301.5
60°	61.1	93.4	128.8	164.2	180.3	225.4	315.5	5962.9	29914.4	33378.8	33607.4
62.5°	51.6	80.5	112.7	132.0	154.6	186.7	273.7	5273.9	27792.5	31920.2	33040.7
65°	45.1	70.8	96.6	109.5	128.8	161.0	241.5	4221.1	25448.6	29943.3	31417.9
67.5°	41.9	64.4	83.7	93.4	112.7	148.1	215.7	2981.4	22412.4	27435.2	28980.6
70°	38.6	61.1	74.1	87.0	99.8	125.6	183.5	1738.7	17264.1	23037.0	24669.4
72.5°	38.6	57.9	64.4	74.1	87.0	112.7	170.6	940.2	11803.4	17573.2	19682.1
75°	38.6	54.7	57.9	64.4	77.3	103.0	151.3	492.7	7630.7	12209.1	15068.3
77.5°	38.6	51.6	57.9	61.1	74.1	90.2	132.0	309.1	5083.9	8551.5	10183.9
80°	41.9	51.6	54.7	61.1	70.8	83.7	109.5	206.0	2987.9	5145.1	6197.9
82.5°	45.1	51.6	57.9	64.4	74.1	80.5	96.6	128.8	1378.1	3403.3	3850.8
85°	48.3	54.7	61.1	67.6	77.3	80.5	90.2	93.4	225.4	1535.8	2076.7
87.5°	51.6	57.9	64.4	70.8	83.7	83.7	83.7	83.7	77.3	164.2	418.6
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: P651630

CATALOG NUMBER: GALN-SA9D-840-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3	13999.3
2.5°	15795.9	16159.7	16414.0	16478.5	16295.0	16211.3	15979.4	15618.8	15399.9	15390.2
5°	16645.9	17499.1	18091.6	18191.3	17837.2	17238.3	16526.7	15609.1	15071.5	14910.5
7.5°	16501.0	17995.0	18948.0	19086.4	18490.8	17347.8	15969.7	14491.9	13905.9	13658.0
10°	15905.4	17727.7	19089.7	19308.6	18513.4	16903.5	15152.0	13503.4	12775.8	12585.8
12.5°	15396.7	17238.3	18448.9	18751.6	18149.5	16542.9	14662.6	12869.2	12090.0	11912.9
15°	15174.5	16658.8	17399.3	17553.9	17454.0	16317.5	14611.0	12772.6	11880.7	11687.5
17.5°	15396.7	16166.2	16259.6	16417.3	16639.4	16295.0	15106.9	13297.4	12334.7	12096.4
20°	15979.4	15738.0	15351.6	15419.2	15928.0	16388.3	15989.1	14459.7	13287.7	13033.4
22.5°	16971.1	15631.7	14755.9	14698.0	15341.9	16700.7	17283.4	16034.2	14675.4	14424.3
25°	18188.1	15898.9	14537.0	14411.5	15113.4	17157.8	18690.4	17962.8	16478.5	16095.3
27.5°	19514.6	16452.7	14537.0	14414.7	15094.0	17563.5	19894.6	19669.2	18345.9	17927.3
30°	20242.4	16909.9	14746.3	14607.8	15332.3	17798.6	20538.6	21185.7	19749.7	19231.3
32.5°	20892.7	17544.2	15155.2	14894.4	15831.3	18146.3	21114.9	22473.6	20867.0	20519.2
35°	21491.6	18223.5	15718.6	15416.0	16488.1	18622.9	21752.4	23825.9	22422.1	21897.3
37.5°	22151.6	19012.4	16597.6	16340.0	17586.1	19550.1	22509.0	25603.2	23951.4	23291.4
40°	22869.6	19926.8	18043.2	17933.8	19331.1	20599.7	23465.2	27499.5	25696.5	24946.3
42.5°	23600.5	20979.7	19814.1	19994.4	21308.1	22071.1	24447.3	28958.1	27126.0	26298.6
45°	24263.8	22325.4	22116.2	23008.1	23613.3	23507.1	25174.9	29985.2	28372.1	27580.0
47.5°	25100.9	24286.3	24901.3	26276.0	26292.2	25068.7	25725.5	30825.5	29444.3	28652.2
50°	26037.8	26601.3	28497.7	29898.2	29521.5	26604.4	26369.5	31820.4	30551.8	29917.6
52.5°	27122.8	29193.1	31820.4	33375.5	32496.6	28278.7	27441.6	32895.8	32309.8	31701.2
55°	28385.0	30960.7	35133.4	36373.1	35487.7	30358.7	29070.8	34354.3	34296.4	33881.0
57.5°	29811.3	32828.2	37052.4	38729.9	37941.0	32799.2	31347.1	35729.1	35510.2	35278.4
59°	30938.2	33787.7	37899.2	39637.8	39161.3	34508.8	32876.5	36585.6	35790.3	35442.6
60°	31620.8	34438.0	38211.5	39760.2	39650.7	35526.3	33845.6	37004.2	35787.1	35304.2
62.5°	33646.0	35574.6	38092.4	39216.1	39644.3	37477.4	36688.6	37464.5	35123.9	34415.5
65°	34367.2	35197.9	36118.7	35980.3	36347.3	37377.7	38504.5	36959.1	33707.2	32699.4
67.5°	32963.4	31067.0	31392.2	30468.2	30287.9	33230.6	37767.2	34486.3	30935.0	29701.8
70°	27786.1	23800.1	23635.9	24060.9	22895.4	26903.9	33913.2	29724.4	26359.8	24962.4
72.5°	21871.5	16819.7	15435.3	17000.1	16964.7	20525.7	28172.5	21092.4	17808.3	17689.1
75°	17199.7	11710.1	10277.4	10531.7	11021.1	14859.0	22438.1	13394.0	10966.3	9994.0
77.5°	11545.9	8297.2	7740.2	7427.9	7955.9	9540.0	14195.7	7263.6	6149.6	5824.4
80°	6655.2	6027.3	6845.1	6214.1	6497.4	6011.2	7060.9	3332.4	2765.7	2994.3
82.5°	4330.5	3432.2	3657.6	2717.4	3715.5	3747.7	2266.7	985.2	833.9	885.4
85°	2707.8	1609.8	904.7	644.0	1281.4	2356.8	708.4	61.1	70.8	61.1
87.5°	701.9	267.3	112.7	167.4	206.0	183.5	164.2	9.7	3.2	6.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)