

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: P651356

Luminaire Tested: **GALN-SA4D-840-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P651356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA4D-840-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22184.7 lumens
Efficiency: N/A
Efficacy: 90.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

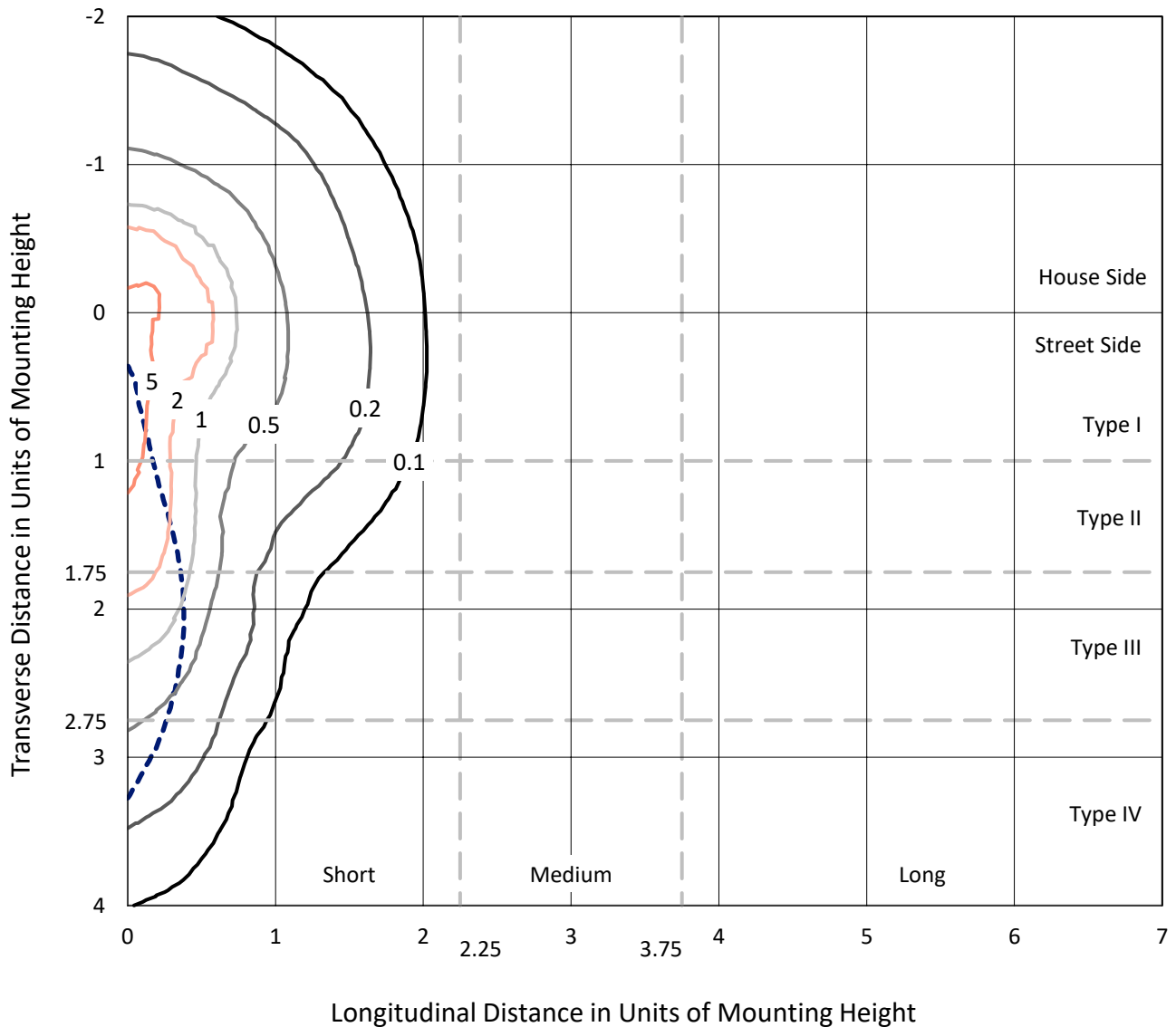
Input Watts (W): 245
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P651356
 CATALOG NUMBER: GALN-SA4D-840-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

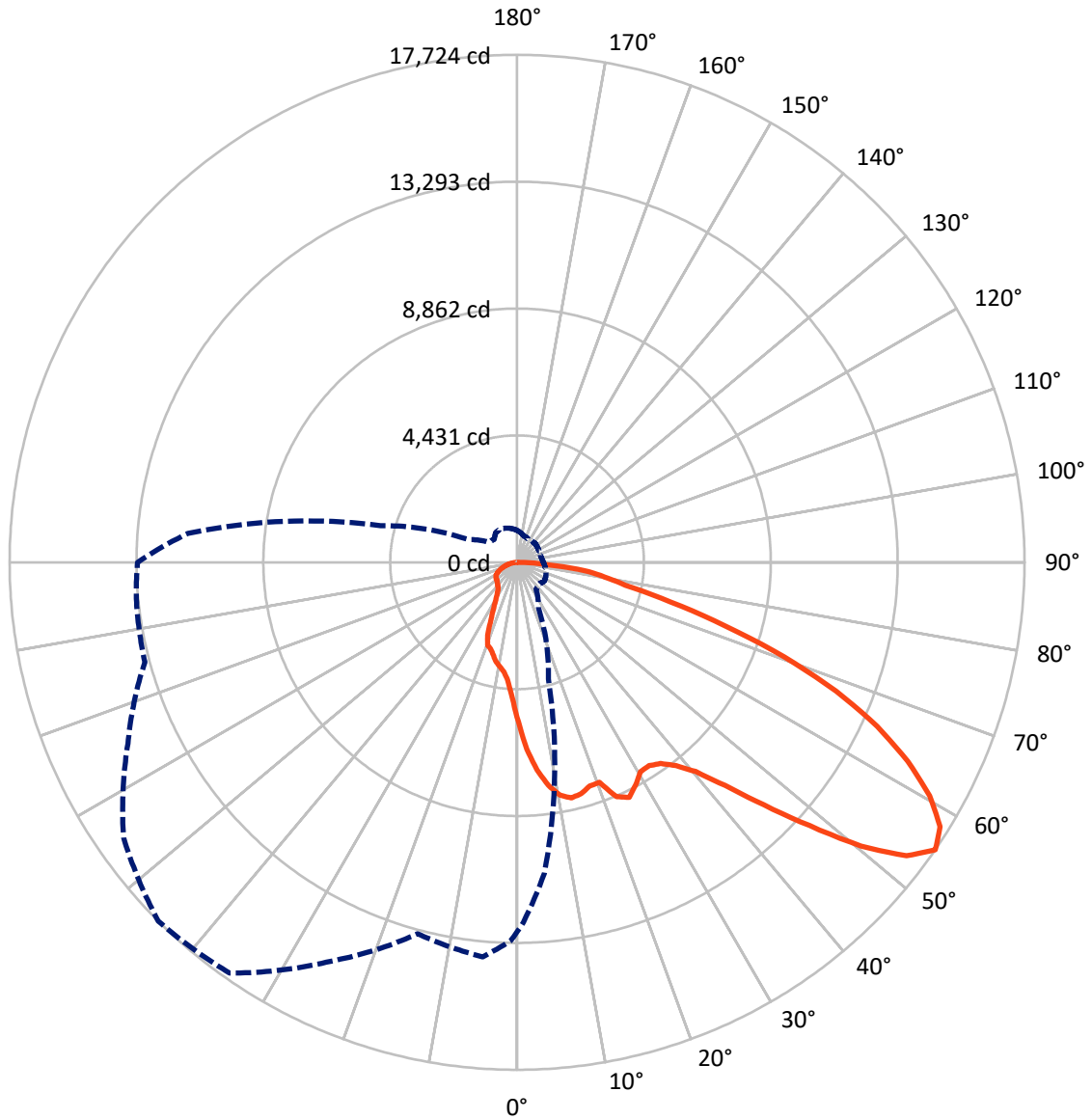
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P651356
CATALOG NUMBER: GALN-SA4D-840-U-SLR

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P651356
 CATALOG NUMBER: GALN-SA4D-840-U-SLR

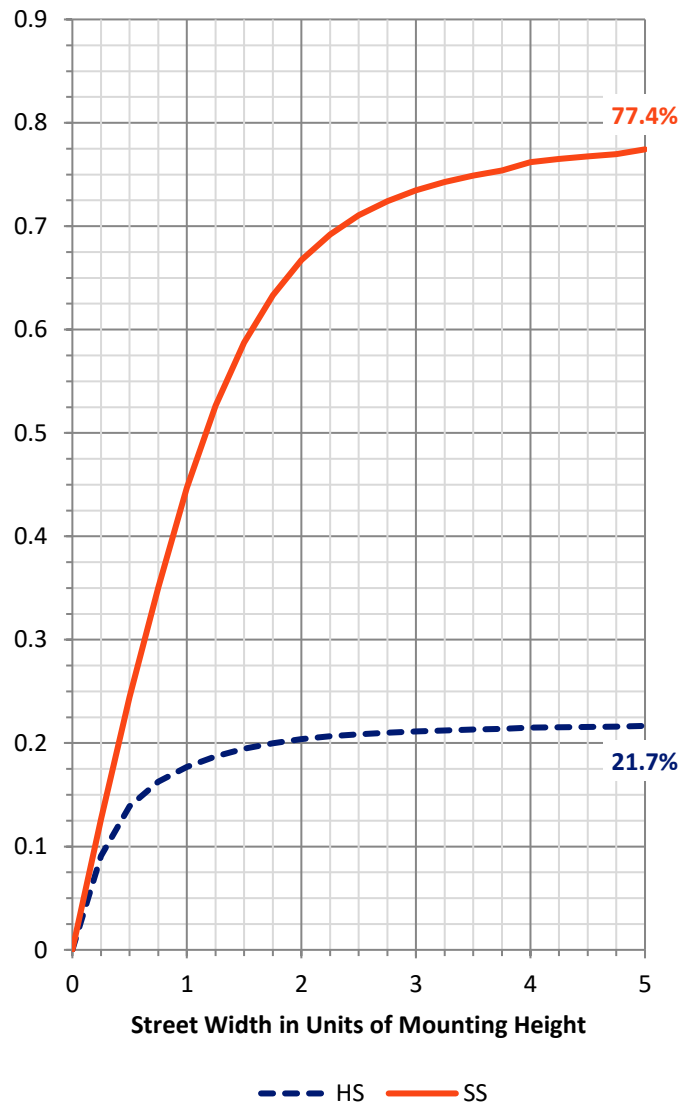
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4852.8	0.0	4852.8
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	17331.9	0.0	17331.9
	% Fixture	78.1	0.0	78.1
Total	Lumens	22184.7	0.0	22184.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	471.9	2.1
10°-20°	1251.9	5.6
20°-30°	2162.6	9.7
30°-40°	2513.3	11.3
40°-50°	3506.6	15.8
50°-60°	4758.1	21.4
60°-70°	4526.8	20.4
70°-80°	2445.5	11.0
80°-90°	548.1	2.5
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°	22184.7	100.0
0°-180°	22184.7	100.0

Coefficient of Utilization



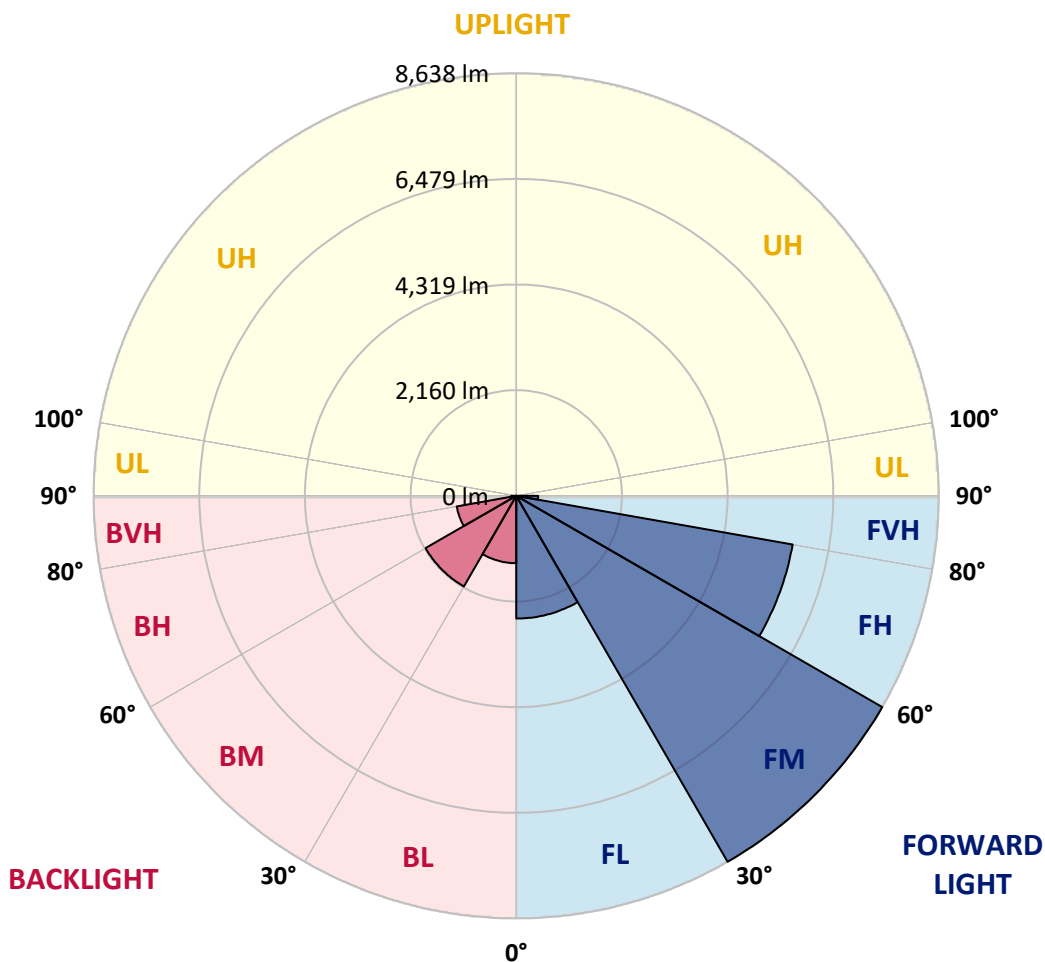
REPORT NUMBER: P651356
 CATALOG NUMBER: GALN-SA4D-840-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2509.1	11.3			
FM	(30°-60°)	8638.3	38.9			
FH	(60°-80°)	5736.6	25.9			G3/7500
FVH	(80°-90°)	447.9	2.0			G3/500
BL	(0°-30°)	1377.2	6.2	B3/2500		
BM	(30°-60°)	2139.8	9.6	B2/2500		
BH	(60°-80°)	1235.6	5.6	B3/2500		G3/2500
BVH	(80°-90°)	100.2	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short





REPORT NUMBER: P651356

CATALOG NUMBER: GALN-SA4D-840-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5
2.5°	6185.1	6161.8	6095.8	5923.2	5749.0	5571.9	5435.8	5266.0	5088.9	4993.8	4872.3
5°	6270.0	6243.7	6088.5	5699.2	5346.5	4976.2	4680.6	4421.5	4316.1	4161.0	4036.5
7.5°	6071.0	6059.2	5826.5	5267.4	4784.4	4300.0	3964.9	3757.0	3568.2	3498.0	3512.6
10°	5889.5	5842.7	5551.4	4821.0	4257.6	3863.9	3623.9	3420.4	3287.2	3252.1	3259.4
12.5°	5738.7	5675.8	5331.9	4521.0	4027.8	3713.1	3407.2	3195.0	3073.5	3107.2	3221.4
15°	5708.0	5623.1	5239.7	4418.6	3901.9	3496.5	3161.3	2916.9	2826.2	2899.3	3082.3
17.5°	5907.0	5800.2	5397.7	4452.3	3781.9	3275.5	2864.3	2584.7	2508.6	2625.7	2864.3
20°	6546.7	6388.6	5891.0	4646.9	3770.2	3165.8	2691.5	2410.6	2442.8	2665.2	2914.0
22.5°	7729.2	7492.1	6754.5	4930.9	3831.7	3137.9	2656.4	2510.0	2687.2	2876.0	3039.9
25°	7963.4	7777.6	6909.7	4995.2	3818.5	3118.9	2756.0	2829.1	3026.7	3120.4	3063.3
27.5°	8095.1	7882.9	6899.4	4676.2	3414.5	2829.1	2634.4	2756.0	2805.7	2715.0	2559.8
30°	8402.5	8181.5	7073.6	4341.0	2811.5	2098.8	1839.8	1790.0	1823.6	1841.2	1785.6
32.5°	8825.5	8607.4	7401.4	4121.5	2431.0	1735.8	1481.2	1410.9	1394.8	1375.8	1353.8
35°	9372.9	9037.6	7723.4	3981.0	2274.4	1605.6	1371.4	1317.3	1295.3	1268.9	1245.5
37.5°	9929.0	9577.7	8130.3	3833.1	2170.5	1514.8	1298.2	1273.4	1235.3	1207.4	1173.8
40°	10520.3	10126.6	8500.6	3704.4	2069.5	1456.3	1245.5	1242.6	1192.8	1160.7	1121.1
42.5°	11032.6	10627.1	8831.3	3625.3	1991.9	1394.8	1213.3	1222.1	1170.8	1122.6	1071.3
45°	11439.5	11041.3	9137.2	3625.3	1929.0	1333.3	1207.4	1201.6	1150.4	1090.4	1031.8
47.5°	11796.5	11385.3	9435.8	3717.6	1889.5	1282.1	1175.3	1185.5	1132.8	1056.7	999.6
50°	12073.1	11710.2	9838.3	3860.9	1849.9	1241.1	1134.3	1189.9	1118.2	1039.1	973.3
52.5°	12425.9	12101.0	10322.7	4057.1	1816.3	1195.7	1097.7	1189.9	1116.7	1040.7	968.9
55°	12914.7	12572.3	10906.7	4219.5	1762.1	1153.3	1065.5	1156.2	1112.3	1033.3	957.2
57.5°	13257.2	13001.1	11319.4	4327.9	1684.6	1099.2	1036.2	1124.0	1093.3	1005.5	922.1
58°	13273.3	13023.1	11379.4	4352.8	1665.6	1088.9	1028.9	1109.4	1084.6	993.8	910.4
60°	13088.9	12873.8	11391.1	4317.6	1557.3	1037.7	990.9	1049.4	1037.7	925.0	847.4
62.5°	12418.5	12188.8	10918.4	4032.2	1413.8	974.7	932.3	968.9	942.6	828.4	756.6
65°	11465.8	11042.8	9946.6	3584.3	1311.4	907.4	853.3	856.2	828.4	746.5	683.5
67.5°	10196.9	9724.1	8421.5	3020.9	1233.8	832.8	759.6	752.3	718.6	665.9	614.7
70°	8635.2	8311.8	6843.7	2457.4	1147.5	750.8	654.2	649.8	629.3	589.8	544.5
72.5°	6998.9	6587.6	5526.5	1967.1	1042.1	671.8	556.2	565.0	538.6	510.8	469.8
75°	5165.0	4895.7	4272.2	1577.7	900.1	585.4	464.0	466.9	455.1	425.9	393.7
77.5°	3401.4	3320.9	3055.9	1036.2	692.3	465.4	379.0	382.0	373.2	346.9	313.2
80°	2289.0	2234.9	2071.0	667.4	462.5	336.7	292.8	295.6	294.2	266.3	221.0
82.5°	1410.9	1387.5	1334.8	450.8	320.5	241.5	193.2	202.0	218.1	187.4	150.8
85°	665.9	667.4	806.4	245.9	188.8	155.2	105.4	112.7	112.7	112.7	84.9
87.5°	86.4	90.7	111.3	103.9	68.8	58.5	38.0	32.2	27.8	36.6	26.3
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: P651356
 CATALOG NUMBER: GALN-SA4D-840-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5
2.5°	4829.9	4800.6	4737.6	4723.0	4714.2	4739.1	4673.3	4690.8	4661.6	4743.5	4730.3
5°	4043.9	4046.8	4098.0	4131.7	4143.4	4131.7	4087.8	4011.7	3953.1	3929.7	3935.6
7.5°	3484.9	3536.1	3623.9	3721.9	3811.2	3837.6	3812.7	3667.8	3509.7	3410.2	3378.0
10°	3298.9	3367.7	3468.7	3546.2	3625.3	3688.3	3701.4	3588.7	3401.4	3165.8	3073.5
12.5°	3309.2	3402.9	3499.5	3524.3	3517.0	3541.9	3530.2	3511.2	3388.2	3088.2	2934.5
15°	3212.6	3323.8	3391.2	3378.0	3354.6	3332.6	3301.9	3253.6	3209.7	2998.9	2829.1
17.5°	2990.1	3104.3	3159.9	3164.3	3164.3	3158.5	3083.8	3066.2	3060.4	2957.9	2854.0
20°	3031.1	3094.0	3069.1	3028.2	3039.9	3079.4	3035.5	3026.7	3060.4	3105.7	3086.7
22.5°	3054.5	3032.6	2845.2	2663.7	2622.7	2745.7	2770.6	2868.7	3004.7	3168.6	3275.5
25°	2909.6	2732.5	2397.4	2192.5	2076.8	2191.0	2340.3	2521.7	2725.2	2935.9	3060.4
27.5°	2432.5	2297.9	2057.8	1873.4	1772.4	1790.0	1917.3	2082.7	2271.5	2413.5	2504.2
30°	1832.5	1772.4	1648.0	1585.0	1523.6	1508.9	1563.1	1626.1	1709.5	1727.1	1750.5
32.5°	1349.5	1340.6	1348.0	1327.5	1315.7	1314.3	1298.2	1312.8	1321.6	1331.9	1311.4
35°	1220.6	1208.9	1188.4	1182.6	1175.3	1178.2	1170.8	1163.5	1169.4	1178.2	1184.0
37.5°	1154.8	1137.2	1107.9	1097.7	1097.7	1102.0	1090.4	1087.4	1097.7	1125.5	1140.1
40°	1103.6	1083.0	1049.4	1036.2	1045.0	1056.7	1040.7	1034.8	1059.7	1088.9	1112.3
42.5°	1055.3	1039.1	1006.9	992.3	999.6	1021.6	998.2	993.8	1025.9	1058.1	1086.0
45°	1014.2	998.2	968.9	961.6	964.5	985.0	968.9	968.9	999.6	1034.8	1059.7
47.5°	982.0	961.6	942.6	936.7	939.6	951.3	948.4	948.4	977.7	1014.2	1039.1
50°	949.9	932.3	907.4	910.4	917.7	933.8	932.3	936.7	966.0	1011.3	1037.7
52.5°	935.3	908.9	881.1	884.0	905.9	925.0	919.1	923.5	957.2	1042.1	1080.1
55°	919.1	884.0	851.8	856.2	881.1	908.9	901.6	907.4	947.0	1062.6	1115.3
57.5°	888.4	847.4	812.3	815.2	851.8	881.1	869.3	876.7	923.5	1040.7	1096.2
58°	875.2	840.1	806.4	807.9	843.0	875.2	862.0	867.9	916.2	1034.8	1087.4
60°	819.6	799.1	769.9	771.3	805.0	832.8	825.4	831.3	878.2	992.3	1031.8
62.5°	743.5	731.8	724.4	724.4	745.0	771.3	778.6	785.9	828.4	897.2	932.3
65°	661.5	661.5	663.0	663.0	676.2	709.8	714.3	733.3	772.8	806.4	832.8
67.5°	605.9	603.0	605.9	598.6	604.4	624.9	646.9	664.5	705.4	728.9	737.6
70°	534.2	532.8	534.2	523.9	531.3	548.8	563.5	592.7	635.2	652.8	657.2
72.5°	464.0	464.0	466.9	459.6	459.6	478.6	488.9	521.0	560.5	570.8	572.3
75°	390.8	395.2	395.2	384.9	387.9	399.6	412.8	439.1	475.7	483.0	483.0
77.5°	310.2	326.4	326.4	316.1	320.5	322.0	339.5	352.7	380.6	383.5	371.7
80°	225.4	241.5	254.7	245.9	253.2	244.4	254.7	263.5	291.2	278.1	259.0
82.5°	161.0	172.7	182.9	184.4	177.1	161.0	174.2	175.6	188.8	171.2	161.0
85°	89.3	99.5	112.7	106.8	95.1	84.9	89.3	92.2	90.7	86.4	80.5
87.5°	23.4	24.9	27.8	20.5	19.0	16.1	22.0	22.0	24.9	26.3	24.9
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: P651356

CATALOG NUMBER: GALN-SA4D-840-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5
2.5°	4740.5	4805.0	4944.0	5049.4	5178.2	5334.8	5519.2	5705.1	5905.6	5968.5	6056.4
5°	3922.4	4083.4	4150.8	4342.5	4532.7	4818.2	5122.5	5475.3	5861.7	6047.5	6226.1
7.5°	3351.6	3438.0	3508.2	3648.8	3877.1	4223.9	4605.9	5046.5	5593.8	5864.6	6126.6
10°	3044.3	3053.1	3139.4	3313.5	3512.6	3818.5	4180.0	4673.3	5283.6	5612.8	5920.2
12.5°	2840.8	2802.8	2896.5	3077.9	3303.4	3585.8	3918.1	4387.8	5059.6	5397.7	5769.5
15°	2662.3	2602.3	2672.5	2858.4	3080.8	3413.1	3770.2	4267.8	4971.8	5365.5	5778.3
17.5°	2666.6	2501.3	2526.2	2682.8	2903.8	3241.9	3675.1	4263.4	5105.0	5558.8	6047.5
20°	2996.0	2731.1	2618.4	2647.6	2861.3	3230.1	3719.0	4468.3	5542.6	6204.1	6726.7
22.5°	3319.4	3159.9	2978.4	2918.4	3035.5	3421.9	3998.5	4952.8	6493.9	7490.7	8434.6
25°	3206.7	3342.8	3297.5	3212.6	3238.9	3559.4	4188.8	5350.9	7233.1	8355.7	9242.6
27.5°	2565.6	2813.1	2862.8	2861.3	2871.6	3135.0	3767.3	5083.1	7325.3	8521.0	9368.5
30°	1803.1	1825.1	1851.5	1902.7	1949.5	2185.2	2947.7	4462.5	7284.3	8595.7	9444.6
32.5°	1301.1	1330.4	1367.0	1437.3	1548.4	1848.5	2578.8	4264.9	7500.9	8904.5	9667.0
35°	1189.9	1223.6	1258.7	1339.2	1444.6	1722.6	2432.5	4183.0	7856.5	9405.1	10066.6
37.5°	1154.8	1192.8	1223.6	1282.1	1367.0	1631.9	2299.3	4127.3	8221.0	9934.9	10602.2
40°	1129.9	1173.8	1198.7	1245.5	1304.1	1548.4	2180.7	4083.4	8573.7	10419.3	11032.6
42.5°	1107.9	1153.3	1185.5	1219.2	1267.5	1473.9	2075.3	4039.5	8879.6	10889.1	11461.4
45°	1081.6	1138.7	1179.7	1206.0	1248.5	1410.9	1994.9	4004.4	9228.0	11306.2	11894.6
47.5°	1059.7	1122.6	1173.8	1204.6	1220.6	1367.0	1930.5	4052.7	9646.5	11742.4	12297.1
50°	1061.1	1121.1	1185.5	1233.8	1191.4	1330.4	1891.0	4244.4	10191.0	12260.5	12614.7
52.5°	1107.9	1181.1	1232.3	1244.1	1150.4	1286.5	1870.5	4579.6	10834.9	12718.6	12935.3
55°	1160.7	1236.8	1292.4	1285.0	1128.5	1230.9	1866.1	4936.7	11540.5	13252.8	13352.4
57.5°	1141.6	1252.8	1337.7	1299.7	1129.9	1176.7	1847.1	5225.0	12130.2	13652.4	13765.1
58°	1135.8	1247.0	1343.6	1296.7	1125.5	1160.7	1842.6	5249.9	12212.2	13680.2	13823.6
60°	1078.7	1195.7	1339.2	1274.8	1100.6	1116.7	1794.4	5330.4	12190.3	13536.7	13858.8
62.5°	974.7	1071.3	1238.2	1168.0	1024.5	1058.1	1686.0	5230.9	11596.0	12845.9	13345.0
65°	857.7	929.4	1040.7	1027.4	916.2	998.2	1538.3	4837.2	10406.1	11724.8	12250.3
67.5°	769.9	828.4	898.6	879.6	824.0	917.7	1378.7	4171.3	9071.4	10378.4	11039.9
70°	680.5	726.0	761.1	747.9	730.3	838.6	1236.8	3385.3	7792.2	9099.1	9740.2
72.5°	589.8	632.3	661.5	642.5	632.3	755.2	1121.1	2627.1	6154.4	7506.8	8330.8
75°	493.2	535.6	556.2	534.2	528.3	665.9	949.9	1962.6	4617.6	5787.0	6498.3
77.5°	382.0	427.4	453.7	446.4	449.3	547.4	766.9	1343.6	3301.9	3944.4	4693.7
80°	267.9	317.6	335.1	327.8	348.3	417.1	541.5	853.3	2277.3	2559.8	3088.2
82.5°	165.4	212.2	215.1	222.4	237.1	308.8	408.3	519.6	1430.0	1478.2	1861.7
85°	83.4	101.0	108.3	120.0	133.2	188.8	232.7	322.0	920.6	696.7	1040.7
87.5°	27.8	29.3	35.2	43.9	54.2	77.5	99.5	131.7	228.3	125.9	322.0
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: P651356
 CATALOG NUMBER: GALN-SA4D-840-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5	5567.5
2.5°	6233.4	6357.9	6448.6	6532.0	6451.5	6444.2	6365.2	6237.9	6185.1	6185.1
5°	6600.8	6892.1	7127.7	7278.4	7214.0	7058.9	6802.8	6476.4	6300.8	6270.0
7.5°	6701.8	7277.0	7714.6	7869.7	7761.4	7419.0	6928.7	6378.3	6126.6	6071.0
10°	6640.3	7388.2	8030.7	8276.6	8125.8	7607.8	6938.9	6264.2	5953.9	5889.5
12.5°	6575.9	7402.8	8089.2	8444.9	8346.8	7760.0	7013.5	6189.5	5831.0	5738.7
15°	6622.8	7408.7	8017.6	8384.9	8447.8	7942.9	7136.5	6243.7	5806.1	5708.0
17.5°	6918.4	7520.0	7915.1	8212.2	8433.2	8191.8	7486.2	6502.7	6028.5	5907.0
20°	7536.0	7786.3	7973.7	8203.5	8559.1	8699.6	8201.9	7214.0	6653.5	6546.7
22.5°	9324.5	9279.2	8895.7	8891.3	9406.5	9970.0	9936.3	8660.1	7817.0	7729.2
25°	9994.9	9784.1	9229.4	9094.7	9321.6	10191.0	10065.1	8955.7	8177.1	7963.4
27.5°	9732.9	9210.4	8846.0	8815.2	8740.6	9561.7	9864.6	9075.7	8302.9	8095.1
30°	9716.7	8948.4	8427.3	8488.8	8560.5	9345.0	9975.9	9451.9	8625.0	8402.5
32.5°	9756.3	8985.0	8458.1	8469.8	8683.5	9377.2	10098.8	9861.7	9047.9	8825.5
35°	9915.8	9192.8	8654.2	8626.4	8960.1	9588.0	10308.1	10505.7	9626.0	9372.9
37.5°	10173.4	9607.0	9012.8	9005.5	9489.9	9968.5	10568.6	11155.5	10201.2	9929.0
40°	10552.5	10091.5	9650.9	9611.4	10210.0	10587.6	10906.7	11847.8	10870.1	10520.3
42.5°	11010.6	10672.5	10492.5	10649.1	11224.3	11282.9	11433.6	12487.3	11439.5	11032.6
45°	11435.1	11418.9	11669.2	12084.9	12420.1	12068.8	11983.9	12916.2	11881.4	11439.5
47.5°	11940.0	12376.2	13131.4	13740.2	14091.5	12983.5	12453.7	13195.7	12203.4	11796.5
50°	12452.3	13522.1	14728.1	15577.0	15651.7	13977.3	12777.1	13459.2	12496.2	12073.1
52.5°	12990.8	14436.9	16042.4	17028.9	16884.0	14842.3	13090.3	13637.7	12797.7	12425.9
55°	13459.2	14997.4	16777.2	17724.1	17511.9	15369.2	13428.4	13830.9	13227.9	12914.7
57.5°	13721.2	15044.2	16594.2	17421.1	17191.4	15266.8	13583.6	13974.4	13503.1	13257.2
58°	13759.3	14981.3	16431.7	17245.5	17011.3	15180.4	13582.2	13968.5	13520.7	13273.3
60°	13725.5	14573.0	15827.3	16551.7	16305.9	14638.9	13526.5	13858.8	13298.2	13088.9
62.5°	13413.8	13864.6	14783.8	15310.7	15240.3	13792.9	13298.2	13444.6	12620.6	12418.5
65°	13004.0	12898.7	13447.5	13820.7	13873.4	13159.1	13071.3	12548.8	11751.2	11465.8
67.5°	12506.4	11803.9	11802.4	12014.6	12102.4	12184.4	12598.6	11575.5	10498.4	10196.9
70°	11661.9	10116.3	9650.9	9901.2	9828.0	10520.3	11754.1	10208.6	8987.9	8635.2
72.5°	10113.4	8027.8	7282.8	7604.8	7420.4	8250.3	10284.7	8401.0	7432.1	6998.9
75°	8197.6	6005.1	5236.7	5532.4	5418.2	6258.3	8557.6	6101.7	5330.4	5165.0
77.5°	6365.2	4351.2	3904.8	3863.9	3948.7	4657.1	6277.3	4120.0	3514.1	3401.4
80°	4089.3	3114.6	3140.9	3088.2	3132.1	2935.9	3811.2	2628.6	2379.8	2289.0
82.5°	2691.5	2170.5	2587.6	2388.6	2268.6	1974.4	2499.8	1721.2	1460.6	1410.9
85°	1833.9	1598.2	1454.8	1112.3	1309.9	1520.7	1874.8	926.4	734.7	665.9
87.5°	828.4	556.2	408.3	251.7	398.1	459.6	910.4	108.3	83.4	86.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)