

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: P454207

Luminaire Tested: **GALN-SA5B-740-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P454207
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-SA5B-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 4000K, 800mA 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: 24563 lumens
Efficiency: N/A
Efficacy: 120.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

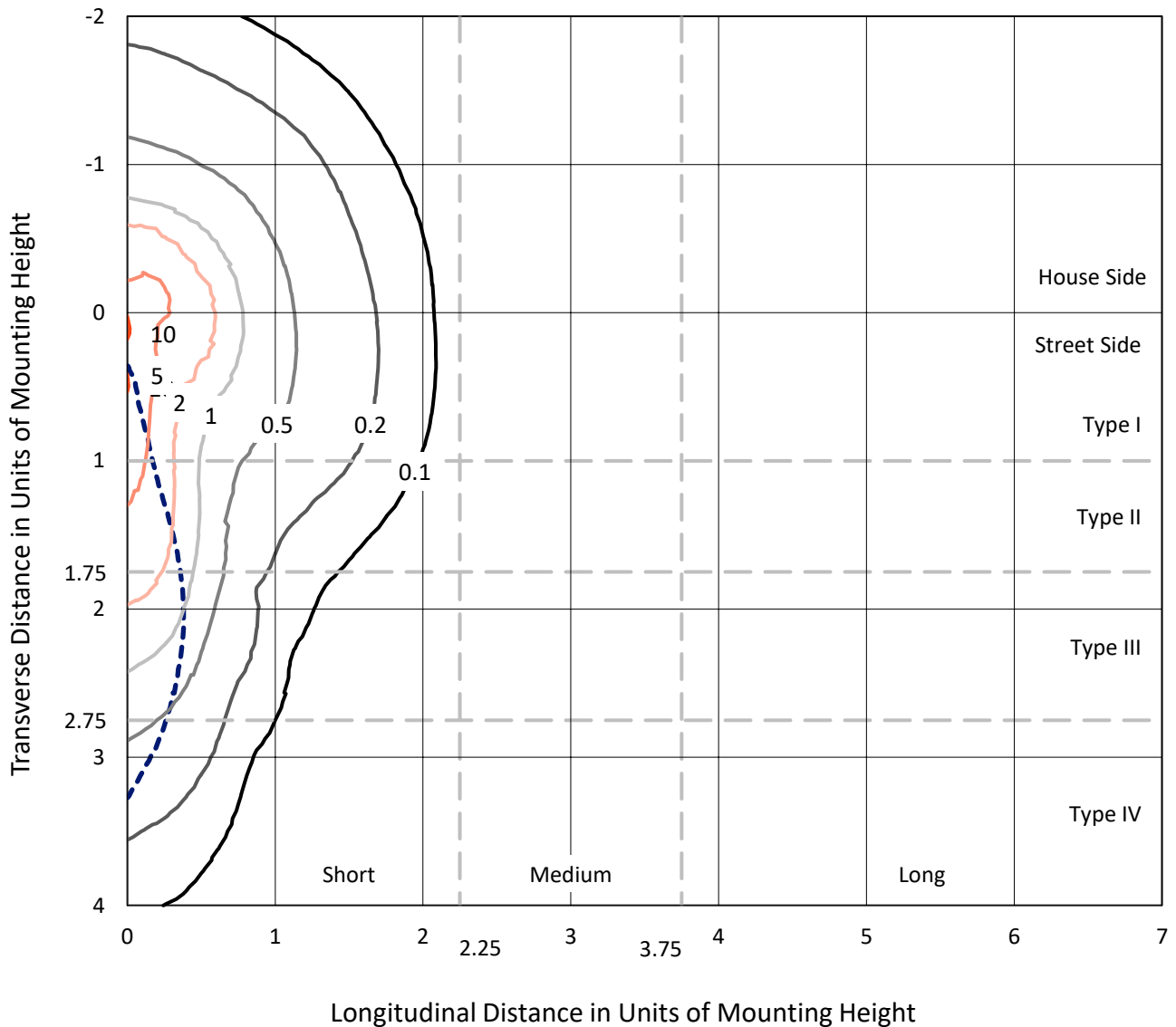
Input Watts (W): 204
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P454207
 CATALOG NUMBER: GALN-SA5B-740-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

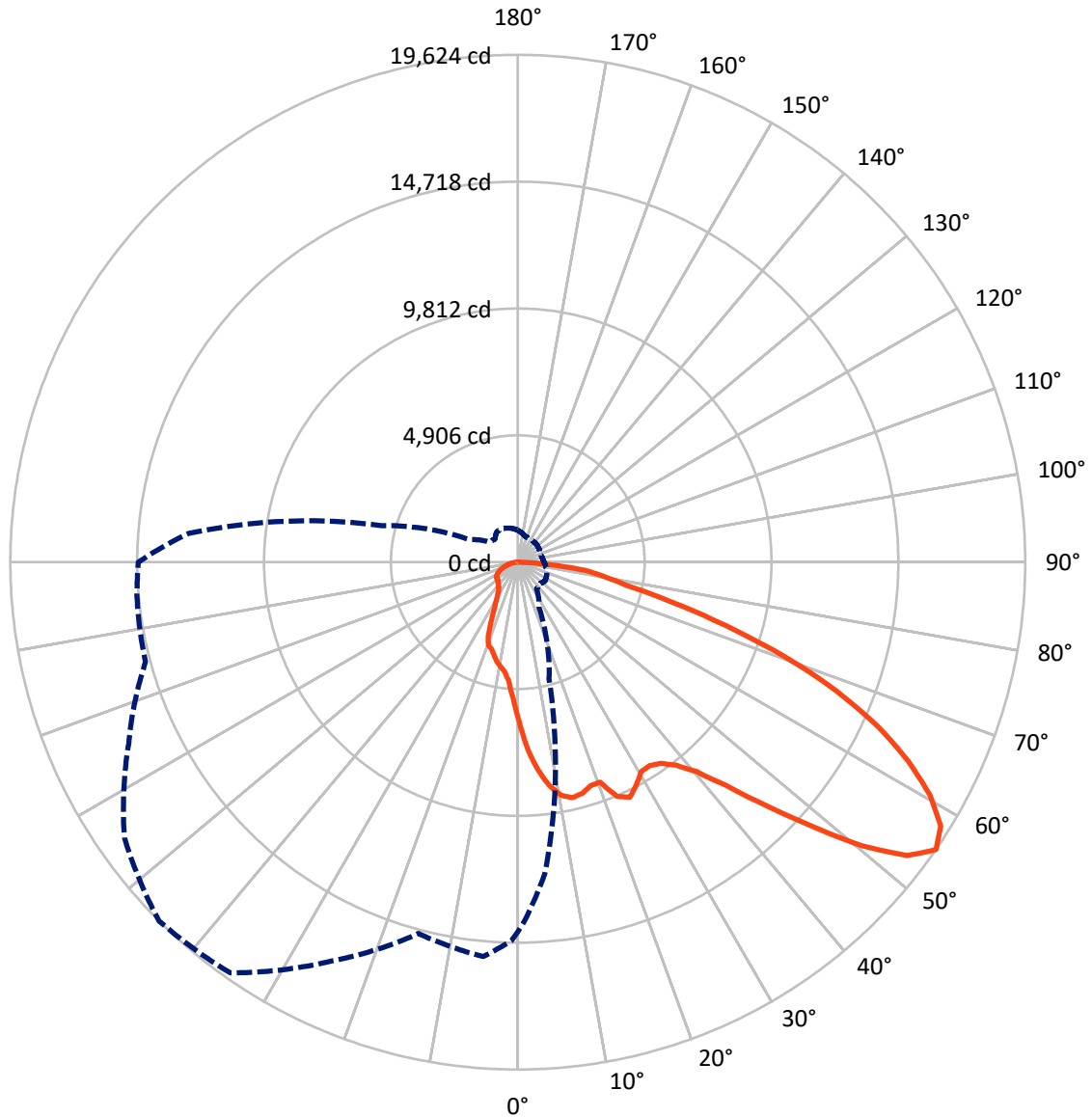
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P454207
CATALOG NUMBER: GALN-SA5B-740-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P454207

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5373.0	0.0	5373.0
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	19190.0	0.0	19190.0
	% Fixture	78.1	0.0	78.1
Total	Lumens	24563.0	0.0	24563.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	522.5	2.1
10°-20°	1386.1	5.6
20°-30°	2394.5	9.7
30°-40°	2782.8	11.3
40°-50°	3882.5	15.8
50°-60°	5268.2	21.4
60°-70°	5012.0	20.4
70°-80°	2707.6	11.0
80°-90°	606.8	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°	24563.0	100.0
0°-180°	24563.0	100.0

Coefficient of Utilization



REPORT NUMBER: P454207

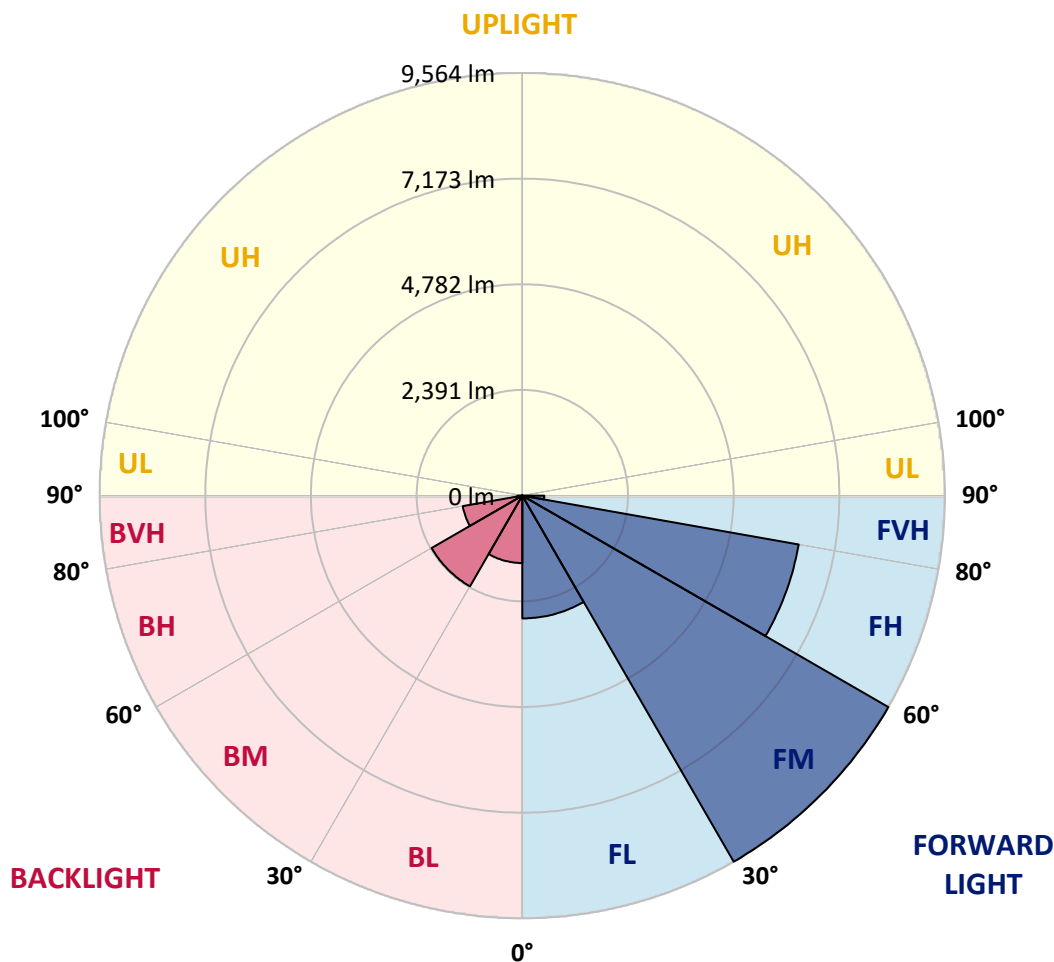
CATALOG NUMBER: GALN-SA5B-740-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2778.1	11.3			
FM	(30°-60°)	9564.3	38.9			
FH	(60°-80°)	6351.6	25.9			G3/7500
FVH	(80°-90°)	495.9	2.0			G3/500
BL	(0°-30°)	1524.9	6.2	B3/2500		
BM	(30°-60°)	2369.2	9.6	B2/2500		
BH	(60°-80°)	1368.1	5.6	B3/2500		G3/2500
BVH	(80°-90°)	110.9	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: P454207

CATALOG NUMBER: GALN-SA5B-740-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4
2.5°	6848.2	6822.3	6749.4	6558.1	6365.3	6169.2	6018.5	5830.5	5634.5	5529.1	5394.6
5°	6942.2	6913.0	6741.2	6310.2	5919.7	5509.7	5182.3	4895.5	4778.8	4607.1	4469.3
7.5°	6721.8	6708.8	6451.2	5832.2	5297.4	4761.0	4389.9	4159.8	3950.8	3873.0	3889.2
10°	6520.9	6469.0	6146.5	5337.9	4714.0	4278.1	4012.3	3787.1	3639.6	3600.7	3608.8
12.5°	6354.0	6284.3	5903.5	5005.7	4459.6	4111.2	3772.5	3537.5	3403.0	3440.3	3566.7
15°	6319.9	6225.9	5801.4	4892.3	4320.2	3871.4	3500.3	3229.6	3129.2	3210.2	3412.8
17.5°	6540.3	6422.0	5976.4	4929.5	4187.4	3626.7	3171.3	2861.8	2777.5	2907.2	3171.3
20°	7248.5	7073.4	6522.5	5145.1	4174.4	3505.1	2980.1	2669.0	2704.6	2950.9	3226.4
22.5°	8557.8	8295.3	7478.6	5459.4	4242.4	3474.3	2941.2	2779.1	2975.2	3184.3	3365.8
25°	8817.1	8611.3	7650.3	5530.7	4227.9	3453.3	3051.4	3132.4	3351.2	3454.9	3391.7
27.5°	8962.9	8728.0	7639.0	5177.5	3780.6	3132.4	2916.9	3051.4	3106.5	3006.0	2834.2
30°	9303.2	9058.6	7831.8	4806.4	3113.0	2323.8	2037.0	1981.9	2019.1	2038.6	1977.0
32.5°	9771.6	9530.1	8194.8	4563.3	2691.6	1921.9	1639.9	1562.2	1544.3	1523.3	1499.0
35°	10377.6	10006.5	8551.3	4407.7	2518.2	1777.7	1518.4	1458.4	1434.1	1405.0	1379.0
37.5°	10993.4	10604.5	9001.8	4244.1	2403.2	1677.2	1437.4	1409.8	1367.7	1336.9	1299.6
40°	11648.1	11212.2	9411.8	4101.5	2291.4	1612.4	1379.0	1375.8	1320.7	1285.1	1241.3
42.5°	12215.3	11766.4	9778.1	4014.0	2205.5	1544.3	1343.4	1353.1	1296.4	1242.9	1186.2
45°	12665.8	12225.0	10116.7	4014.0	2135.8	1476.3	1336.9	1330.4	1273.7	1207.3	1142.4
47.5°	13061.2	12605.8	10447.3	4116.1	2092.1	1419.6	1301.3	1312.6	1254.3	1170.0	1106.8
50°	13367.4	12965.6	10893.0	4274.9	2048.3	1374.2	1255.9	1317.5	1238.1	1150.5	1077.6
52.5°	13758.0	13398.2	11429.3	4492.0	2011.0	1323.9	1215.4	1317.5	1236.4	1152.2	1072.8
55°	14299.2	13920.0	12075.9	4671.9	1951.1	1276.9	1179.7	1280.2	1231.6	1144.1	1059.8
57.5°	14678.4	14394.8	12532.9	4791.8	1865.2	1217.0	1147.3	1244.5	1210.5	1113.3	1020.9
58°	14696.2	14419.1	12599.3	4819.3	1844.1	1205.6	1139.2	1228.3	1200.8	1100.3	1007.9
60°	14492.1	14253.9	12612.3	4780.5	1724.2	1148.9	1097.1	1161.9	1148.9	1024.2	938.3
62.5°	13749.9	13495.5	12088.9	4464.5	1565.4	1079.2	1032.3	1072.8	1043.6	917.2	837.8
65°	12694.9	12226.6	11012.9	3968.6	1452.0	1004.7	944.7	948.0	917.2	826.5	756.8
67.5°	11290.0	10766.6	9324.3	3344.7	1366.1	922.1	841.0	832.9	795.7	737.3	680.6
70°	9560.9	9202.8	7577.4	2720.8	1270.5	831.3	724.4	719.5	696.8	653.1	602.8
72.5°	7749.2	7293.8	6119.0	2177.9	1153.8	743.8	615.8	625.5	596.3	565.6	520.2
75°	5718.7	5420.5	4730.2	1746.9	996.6	648.2	513.7	516.9	504.0	471.6	435.9
77.5°	3766.0	3676.9	3383.6	1147.3	766.5	515.3	419.7	422.9	413.2	384.1	346.8
80°	2534.5	2474.5	2293.0	738.9	512.1	372.7	324.1	327.3	325.7	294.9	244.7
82.5°	1562.2	1536.2	1477.9	499.1	354.9	267.4	213.9	223.6	241.5	207.4	166.9
85°	737.3	738.9	892.9	272.2	209.0	171.8	116.7	124.8	124.8	124.8	94.0
87.5°	95.6	100.5	123.2	115.1	76.2	64.8	42.1	35.7	30.8	40.5	29.2
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: P454207
 CATALOG NUMBER: GALN-SA5B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4
2.5°	5347.6	5315.2	5245.5	5229.3	5219.6	5247.2	5174.2	5193.7	5161.3	5252.0	5237.4
5°	4477.4	4480.7	4537.4	4574.7	4587.6	4574.7	4526.0	4441.8	4377.0	4351.0	4357.5
7.5°	3858.4	3915.1	4012.3	4120.9	4219.8	4248.9	4221.4	4061.0	3885.9	3775.7	3740.1
10°	3652.6	3728.8	3840.6	3926.5	4014.0	4083.6	4098.2	3973.4	3766.0	3505.1	3403.0
12.5°	3663.9	3767.6	3874.6	3902.1	3894.0	3921.6	3908.6	3887.6	3751.4	3419.2	3249.1
15°	3557.0	3680.1	3754.7	3740.1	3714.2	3689.9	3655.8	3602.4	3553.7	3320.4	3132.4
17.5°	3310.7	3437.1	3498.6	3503.5	3503.5	3497.0	3414.4	3394.9	3388.4	3275.0	3160.0
20°	3356.0	3425.7	3398.2	3352.8	3365.8	3409.5	3360.9	3351.2	3388.4	3438.7	3417.6
22.5°	3382.0	3357.7	3150.2	2949.3	2903.9	3040.0	3067.6	3176.2	3326.9	3508.4	3626.7
25°	3221.5	3025.5	2654.4	2427.5	2299.5	2425.9	2591.2	2792.1	3017.4	3250.7	3388.4
27.5°	2693.3	2544.2	2278.4	2074.2	1962.4	1981.9	2122.8	2306.0	2515.0	2672.2	2772.7
30°	2028.9	1962.4	1824.7	1755.0	1686.9	1670.7	1730.7	1800.4	1892.7	1912.2	1938.1
32.5°	1494.1	1484.4	1492.5	1469.8	1456.8	1455.2	1437.4	1453.6	1463.3	1474.6	1452.0
35°	1351.5	1338.5	1315.8	1309.4	1301.3	1304.5	1296.4	1288.3	1294.8	1304.5	1311.0
37.5°	1278.6	1259.1	1226.7	1215.4	1215.4	1220.2	1207.3	1204.0	1215.4	1246.2	1262.4
40°	1221.9	1199.2	1161.9	1147.3	1157.0	1170.0	1152.2	1145.7	1173.2	1205.6	1231.6
42.5°	1168.4	1150.5	1114.9	1098.7	1106.8	1131.1	1105.2	1100.3	1136.0	1171.6	1202.4
45°	1123.0	1105.2	1072.8	1064.7	1067.9	1090.6	1072.8	1072.8	1106.8	1145.7	1173.2
47.5°	1087.4	1064.7	1043.6	1037.1	1040.4	1053.3	1050.1	1050.1	1082.5	1123.0	1150.5
50°	1051.7	1032.3	1004.7	1007.9	1016.0	1033.9	1032.3	1037.1	1069.5	1119.8	1148.9
52.5°	1035.5	1006.3	975.5	978.8	1003.1	1024.2	1017.7	1022.5	1059.8	1153.8	1195.9
55°	1017.7	978.8	943.1	948.0	975.5	1006.3	998.2	1004.7	1048.5	1176.5	1234.8
57.5°	983.6	938.3	899.4	902.6	943.1	975.5	962.6	970.7	1022.5	1152.2	1213.7
58°	969.1	930.2	892.9	894.5	933.4	969.1	954.5	961.0	1014.4	1145.7	1204.0
60°	907.5	884.8	852.4	854.0	891.3	922.1	914.0	920.4	972.3	1098.7	1142.4
62.5°	823.2	810.2	802.1	802.1	824.8	854.0	862.1	870.2	917.2	993.4	1032.3
65°	732.5	732.5	734.1	734.1	748.7	785.9	790.8	811.9	855.6	892.9	922.1
67.5°	670.9	667.6	670.9	662.8	669.3	692.0	716.3	735.7	781.1	807.0	816.7
70°	591.5	589.9	591.5	580.1	588.2	607.7	623.9	656.3	703.3	722.7	727.6
72.5°	513.7	513.7	516.9	508.8	508.8	529.9	541.2	576.9	620.6	632.0	633.6
75°	432.7	437.5	437.5	426.2	429.4	442.4	457.0	486.1	526.7	534.8	534.8
77.5°	343.5	361.4	361.4	350.0	354.9	356.5	376.0	390.5	421.3	424.6	411.6
80°	249.6	267.4	282.0	272.2	280.3	270.6	282.0	291.7	322.5	307.9	286.8
82.5°	178.3	191.2	202.6	204.2	196.1	178.3	192.8	194.5	209.0	189.6	178.3
85°	98.9	110.2	124.8	118.3	105.3	94.0	98.9	102.1	100.5	95.6	89.1
87.5°	25.9	27.5	30.8	22.7	21.1	17.8	24.3	24.3	27.5	29.2	27.5
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: P454207
 CATALOG NUMBER: GALN-SA5B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4
2.5°	5248.8	5320.1	5474.0	5590.7	5733.3	5906.7	6110.9	6316.7	6538.7	6608.4	6705.6
5°	4342.9	4521.2	4595.7	4808.0	5018.7	5334.7	5671.7	6062.3	6490.1	6695.9	6893.6
7.5°	3710.9	3806.5	3884.3	4039.9	4292.7	4676.7	5099.7	5587.5	6193.5	6493.3	6783.4
10°	3370.6	3380.3	3476.0	3668.8	3889.2	4227.9	4628.1	5174.2	5850.0	6214.6	6554.9
12.5°	3145.4	3103.2	3207.0	3407.9	3657.5	3970.2	4338.1	4858.2	5602.0	5976.4	6388.0
15°	2947.7	2881.2	2959.0	3164.8	3411.1	3779.0	4174.4	4725.4	5504.8	5940.7	6397.7
17.5°	2952.5	2769.4	2797.0	2970.4	3215.1	3589.4	4069.1	4720.5	5652.3	6154.6	6695.9
20°	3317.1	3023.8	2899.1	2931.5	3168.1	3576.4	4117.7	4947.4	6136.8	6869.3	7447.8
22.5°	3675.3	3498.6	3297.7	3231.3	3360.9	3788.7	4427.2	5483.7	7190.1	8293.7	9338.9
25°	3550.5	3701.2	3651.0	3557.0	3586.1	3941.0	4637.8	5924.5	8008.5	9251.4	10233.4
27.5°	2840.7	3114.6	3169.7	3168.1	3179.4	3471.1	4171.1	5628.0	8110.6	9434.5	10372.8
30°	1996.4	2020.8	2049.9	2106.6	2158.5	2419.4	3263.7	4940.9	8065.2	9517.2	10457.0
32.5°	1440.6	1473.0	1513.5	1591.3	1714.5	2046.7	2855.3	4722.1	8305.0	9859.1	10703.4
35°	1317.5	1354.7	1393.6	1482.8	1599.4	1907.3	2693.3	4631.4	8698.8	10413.3	11145.7
37.5°	1278.6	1320.7	1354.7	1419.6	1513.5	1806.8	2545.8	4569.8	9102.3	10999.9	11738.8
40°	1251.0	1299.6	1327.2	1379.0	1443.9	1714.5	2414.5	4521.2	9492.8	11536.3	12215.3
42.5°	1226.7	1276.9	1312.6	1349.9	1403.3	1631.8	2297.9	4472.6	9831.5	12056.5	12690.1
45°	1197.5	1260.7	1306.1	1335.3	1382.3	1562.2	2208.7	4433.7	10217.2	12518.3	13169.7
47.5°	1173.2	1242.9	1299.6	1333.7	1351.5	1513.5	2137.4	4487.1	10680.7	13001.2	13615.4
50°	1174.9	1241.3	1312.6	1366.1	1319.1	1473.0	2093.7	4699.4	11283.5	13574.9	13967.0
52.5°	1226.7	1307.7	1364.5	1377.4	1273.7	1424.4	2071.0	5070.5	11996.5	14082.1	14321.9
55°	1285.1	1369.3	1430.9	1422.8	1249.4	1362.8	2066.1	5465.9	12777.6	14673.6	14783.8
57.5°	1264.0	1387.1	1481.1	1439.0	1251.0	1302.9	2045.1	5785.2	13430.6	15116.0	15240.7
58°	1257.5	1380.7	1487.6	1435.8	1246.2	1285.1	2040.2	5812.7	13521.4	15146.7	15305.6
60°	1194.3	1323.9	1482.8	1411.4	1218.6	1236.4	1986.7	5901.8	13497.1	14987.9	15344.4
62.5°	1079.2	1186.2	1370.9	1293.2	1134.3	1171.6	1866.8	5791.6	12839.2	14223.1	14775.7
65°	949.6	1029.0	1152.2	1137.6	1014.4	1105.2	1703.1	5355.7	11521.7	12981.8	13563.5
67.5°	852.4	917.2	995.0	973.9	912.3	1016.0	1526.5	4618.4	10043.8	11490.9	12223.4
70°	753.5	803.8	842.7	828.1	808.6	928.5	1369.3	3748.2	8627.5	10074.6	10784.4
72.5°	653.1	700.1	732.5	711.4	700.1	836.2	1241.3	2908.8	6814.2	8311.5	9223.8
75°	546.1	593.1	615.8	591.5	585.0	737.3	1051.7	2173.1	5112.7	6407.4	7195.0
77.5°	422.9	473.2	502.4	494.3	497.5	606.1	849.1	1487.6	3655.8	4367.2	5196.9
80°	296.6	351.6	371.1	363.0	385.7	461.8	599.6	944.7	2521.5	2834.2	3419.2
82.5°	183.1	235.0	238.2	246.3	262.5	341.9	452.1	575.3	1583.2	1636.7	2061.3
85°	92.4	111.8	119.9	132.9	147.5	209.0	257.7	356.5	1019.3	771.4	1152.2
87.5°	30.8	32.4	38.9	48.6	60.0	85.9	110.2	145.8	252.8	139.4	356.5
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: P454207

CATALOG NUMBER: GALN-SA5B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4	6164.4
2.5°	6901.7	7039.4	7139.9	7232.3	7143.1	7135.0	7047.5	6906.5	6848.2	6848.2
5°	7308.4	7630.9	7891.8	8058.7	7987.4	7815.6	7532.0	7170.7	6976.2	6942.2
7.5°	7420.2	8057.1	8541.6	8713.4	8593.5	8214.3	7671.4	7062.1	6783.4	6721.8
10°	7352.2	8180.2	8891.6	9163.9	8997.0	8423.3	7682.8	6935.7	6592.2	6520.9
12.5°	7280.9	8196.5	8956.5	9350.2	9241.7	8591.9	7765.4	6853.1	6456.0	6354.0
15°	7332.7	8202.9	8877.1	9283.8	9353.5	8794.4	7901.5	6913.0	6428.5	6319.9
17.5°	7660.1	8326.1	8763.6	9092.6	9337.3	9069.9	8288.8	7199.8	6674.8	6540.3
20°	8343.9	8621.0	8828.4	9082.9	9476.6	9632.2	9081.2	7987.4	7366.8	7248.5
22.5°	10324.2	10273.9	9849.4	9844.5	10414.9	11038.8	11001.5	9588.5	8655.1	8557.8
25°	11066.3	10833.0	10218.8	10069.7	10320.9	11283.5	11144.1	9915.8	9053.7	8817.1
27.5°	10776.3	10197.8	9794.3	9760.2	9677.6	10586.7	10922.1	10048.7	9193.1	8962.9
30°	10758.4	9907.7	9330.8	9398.9	9478.3	10346.8	11045.3	10465.1	9549.6	9303.2
32.5°	10802.2	9948.2	9364.8	9377.8	9614.4	10382.5	11181.4	10918.9	10017.9	9771.6
35°	10978.8	10178.3	9582.0	9551.2	9920.7	10615.8	11413.1	11631.9	10658.0	10377.6
37.5°	11264.0	10636.9	9979.0	9970.9	10507.3	11037.2	11701.6	12351.4	11294.8	10993.4
40°	11683.8	11173.3	10685.5	10641.8	11304.6	11722.6	12075.9	13117.9	12035.4	11648.1
42.5°	12191.0	11816.6	11617.3	11790.7	12427.6	12492.4	12659.3	13826.0	12665.8	12215.3
45°	12660.9	12643.1	12920.2	13380.4	13751.5	13362.6	13268.6	14300.8	13155.2	12665.8
47.5°	13220.0	13702.9	14539.1	15213.2	15602.1	14375.4	13788.8	14610.4	13511.7	13061.2
50°	13787.2	14971.7	16307.0	17246.9	17329.5	15475.7	14146.9	14902.0	13835.8	13367.4
52.5°	14383.5	15984.5	17762.2	18854.4	18694.0	16433.4	14493.7	15099.7	14169.6	13758.0
55°	14902.0	16605.2	18575.7	19624.2	19389.2	17016.8	14868.0	15313.7	14646.0	14299.2
57.5°	15192.1	16657.0	18373.1	19288.7	19034.3	16903.4	15039.8	15472.5	14950.7	14678.4
58°	15234.3	16587.4	18193.3	19094.3	18835.0	16807.7	15038.2	15466.0	14970.1	14696.2
60°	15197.0	16135.2	17524.0	18326.1	18053.9	16208.2	14976.6	15344.4	14723.8	14492.1
62.5°	14851.8	15350.9	16368.6	16952.0	16874.2	15271.5	14723.8	14885.8	13973.5	13749.9
65°	14398.1	14281.4	14889.1	15302.3	15360.6	14569.8	14472.6	13894.1	13010.9	12694.9
67.5°	13847.1	13069.3	13067.7	13302.6	13399.9	13490.6	13949.2	12816.5	11623.8	11290.0
70°	12912.1	11200.8	10685.5	10962.6	10881.6	11648.1	13014.2	11302.9	9951.4	9560.9
72.5°	11197.6	8888.4	8063.6	8420.1	8215.9	9134.7	11387.2	9301.6	8228.9	7749.2
75°	9076.4	6648.9	5798.1	6125.5	5999.1	6929.2	9475.0	6755.8	5901.8	5718.7
77.5°	7047.5	4817.7	4323.5	4278.1	4372.1	5156.4	6950.3	4561.7	3890.8	3766.0
80°	4527.7	3448.4	3477.6	3419.2	3467.9	3250.7	4219.8	2910.4	2634.9	2534.5
82.5°	2980.1	2403.2	2865.0	2644.6	2511.8	2186.0	2767.8	1905.7	1617.3	1562.2
85°	2030.5	1769.6	1610.8	1231.6	1450.3	1683.7	2075.9	1025.8	813.5	737.3
87.5°	917.2	615.8	452.1	278.7	440.8	508.8	1007.9	119.9	92.4	95.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)