

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: P528262

Luminaire Tested: **GALN-SA3B-750-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P528262
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA3B-750-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 70 CRI, 5000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12651 lumens
Efficiency: N/A
Efficacy: 104.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

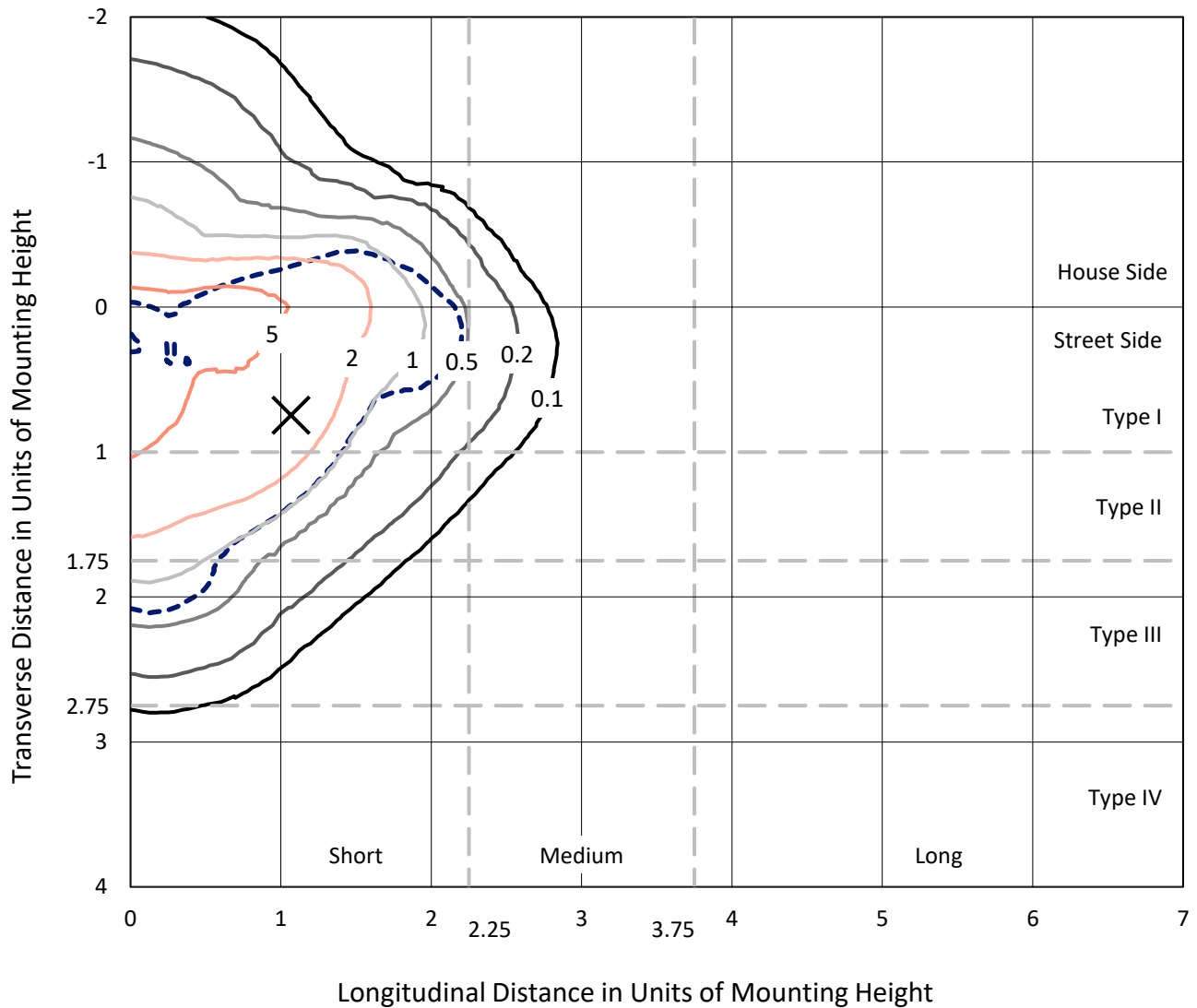
Input Watts (W): 121
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P528262
 CATALOG NUMBER: GALN-SA3B-750-U-SLL-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

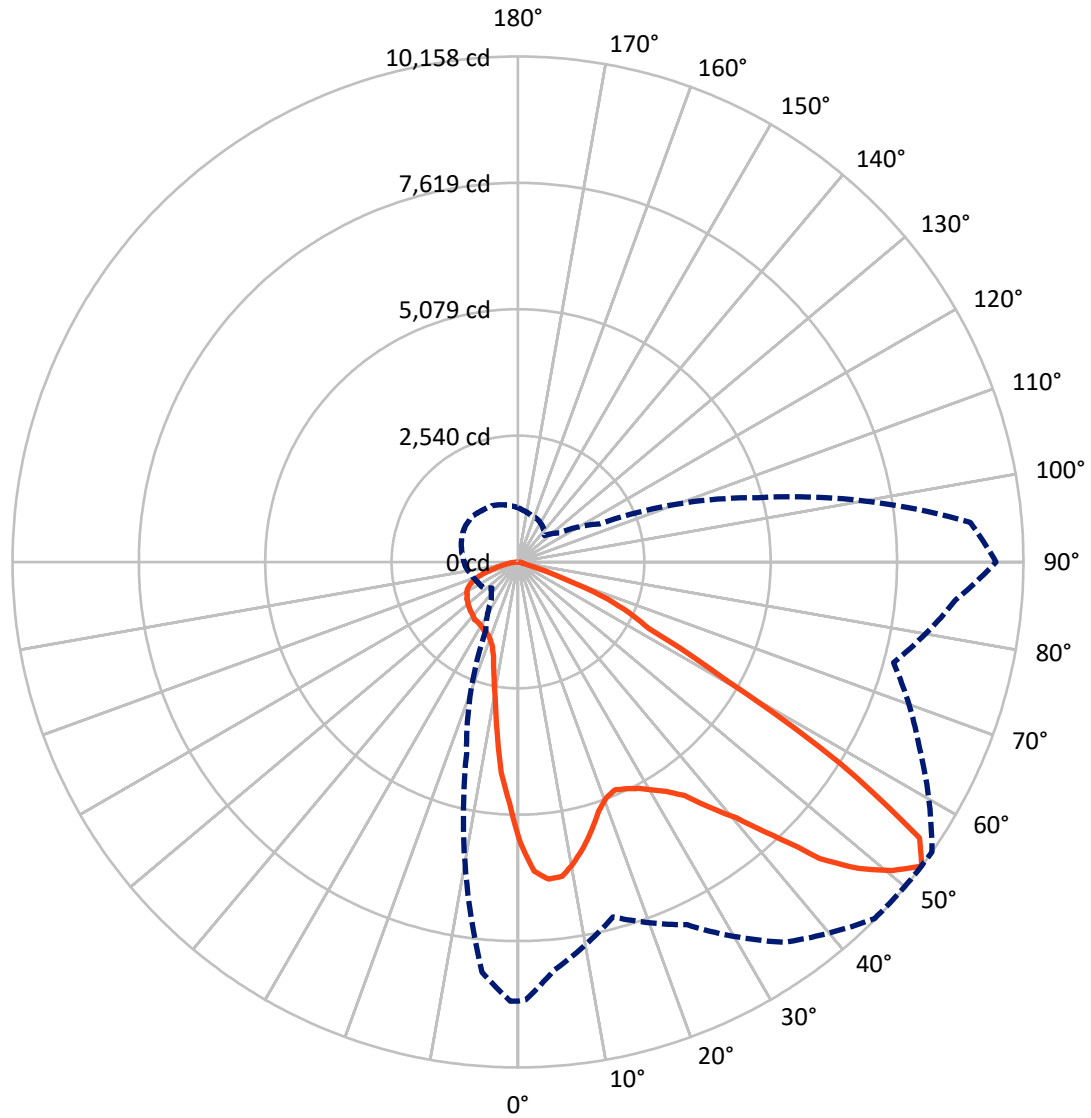
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
 Type II - Short - N/A

REPORT NUMBER: P528262
CATALOG NUMBER: GALN-SA3B-750-U-SLL-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

REPORT NUMBER: P528262
 CATALOG NUMBER: GALN-SA3B-750-U-SLL-GRSWH

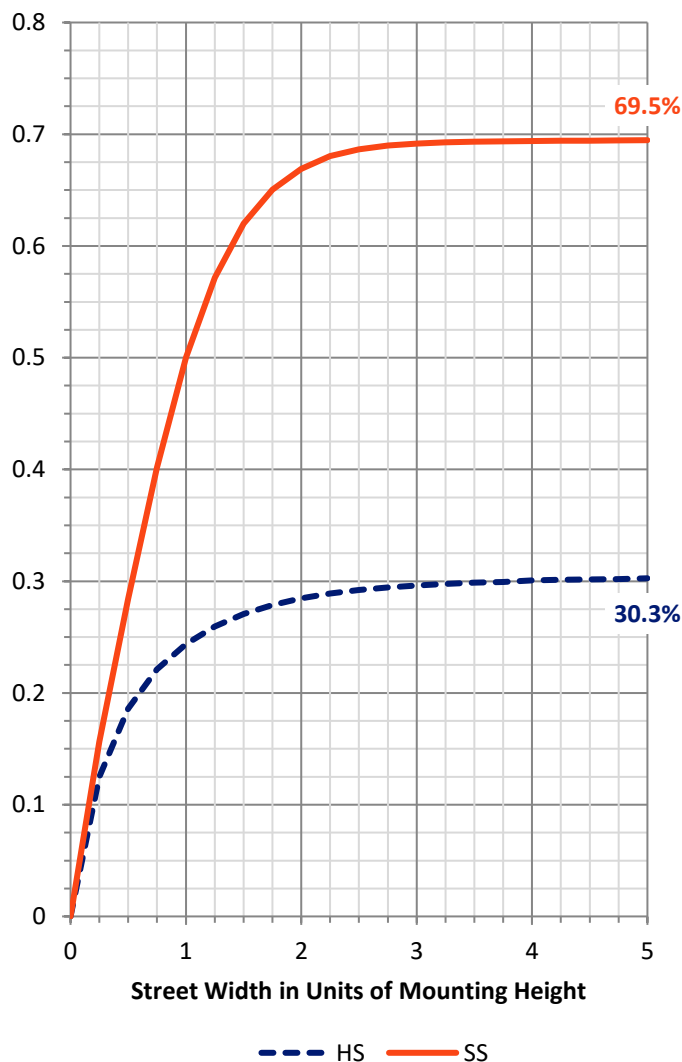
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3859.2	0.0	3859.2
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	8791.8	0.0	8791.8
	% Fixture	69.5	0.0	69.5
Total	Lumens	12651.0	0.0	12651.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	431.1	3.4
10°-20°	929.6	7.3
20°-30°	1409.6	11.1
30°-40°	2036.6	16.1
40°-50°	2721.5	21.5
50°-60°	3037.7	24.0
60°-70°	1666.3	13.2
70°-80°	360.3	2.8
80°-90°	58.3	0.5
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°	12651.0	100.0
0°-180°	12651.0	100.0

Coefficient of Utilization



REPORT NUMBER: P528262

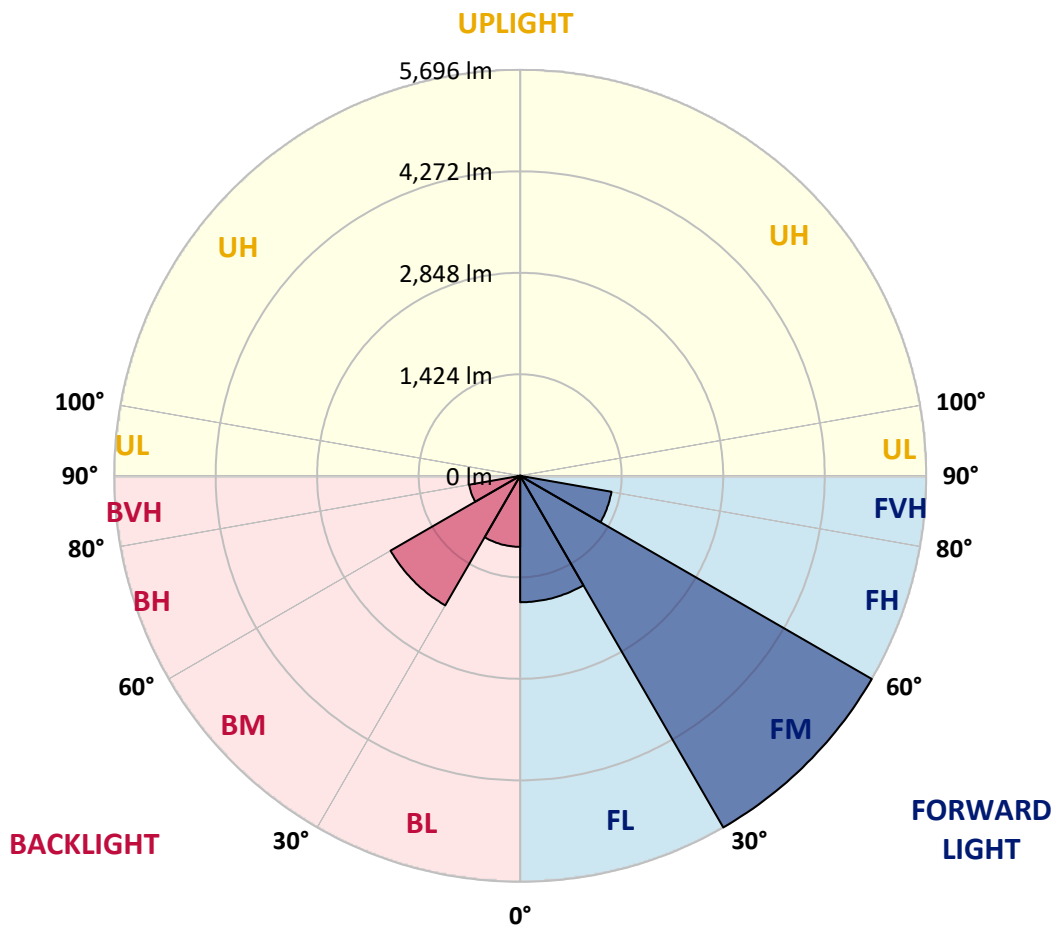
CATALOG NUMBER: GALN-SA3B-750-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1773.9	14.0			
FM (30°-60°)	5696.1	45.0			
FH (60°-80°)	1300.2	10.3			G1/1800
FVH (80°-90°)	21.6	0.2			G1/100
BL (0°-30°)	996.4	7.9	B2/1000		
BM (30°-60°)	2099.7	16.6	B2/2500		
BH (60°-80°)	726.4	5.7	B2/1000		G2/1000
BVH (80°-90°)	36.7	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short





REPORT NUMBER: P528262

CATALOG NUMBER: GALN-SA3B-750-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3
2.5°	5922.3	5889.0	5918.6	6059.0	6140.2	6195.6	6230.7	6225.2	6092.2	5962.9	5962.9
5°	5748.6	5706.1	5767.1	6084.8	6404.4	6432.1	6478.3	6402.5	6206.7	5970.3	5674.7
7.5°	5246.2	5277.6	5379.2	5796.6	6212.3	6421.0	6476.4	6380.4	6062.6	5621.2	5187.1
10°	4812.1	4886.0	5120.6	5571.3	5953.7	6225.2	6286.2	6151.3	5900.1	5358.8	4970.9
12.5°	4662.4	4616.3	4876.7	5327.4	5693.2	5839.1	5866.8	5876.1	5706.1	5225.8	4753.0
15°	4644.0	4673.5	4876.7	5218.5	5443.8	5451.2	5497.4	5569.4	5591.6	5316.4	4854.6
17.5°	4910.0	4874.9	5083.6	5355.2	5248.0	5140.9	5152.0	5255.4	5438.3	5393.9	5174.1
20°	5303.4	5382.9	5547.3	5519.6	5231.4	4959.8	4961.7	5059.6	5419.8	5715.4	5619.3
22.5°	5957.4	6034.9	6156.9	5822.5	5231.4	4906.3	4843.5	4976.5	5538.0	6097.7	6121.8
25°	6554.0	6696.3	6729.5	6336.0	5493.7	4956.2	4915.5	5046.7	5656.3	6470.9	6698.1
27.5°	7097.1	7148.8	7294.8	6666.7	5639.6	4989.4	4985.7	5153.8	5805.9	6657.5	7213.5
30°	7525.7	7520.1	7603.2	6875.4	5872.4	5176.0	4996.8	5314.5	6001.7	6965.9	7690.1
32.5°	7817.5	7880.3	8055.8	7165.5	5970.3	5353.3	5212.9	5502.9	6240.0	7111.9	8026.3
35°	8331.1	8440.0	8218.4	7326.2	6280.6	5528.8	5364.4	5759.7	6358.2	7270.7	8438.2
37.5°	8815.0	8731.9	8506.5	7413.0	6482.0	5853.9	5700.6	6256.6	6725.8	7616.2	8711.6
40°	9125.4	9123.5	8722.7	7483.2	6624.2	6350.8	6341.6	6760.9	7176.5	7834.2	9018.2
42.5°	9260.2	9389.5	8811.3	7475.8	6923.5	6953.0	7139.6	7514.6	7496.1	7878.5	9010.8
44°	9444.9	9522.5	8964.7	7492.4	7123.0	7359.4	7799.1	8037.4	7775.0	7854.5	9001.6
45°	9437.6	9443.1	8746.7	7514.6	7292.9	7699.3	8092.8	8495.5	8020.7	7802.8	9123.5
47.5°	9221.4	9158.6	8562.0	7350.2	7823.1	8597.1	8961.0	9204.8	8323.7	7691.9	8972.1
50°	8794.7	8722.7	8113.1	7280.0	7933.9	9154.9	9657.4	9746.0	8598.9	7582.9	8822.4
52.5°	8824.3	8804.0	8240.5	7385.3	8044.7	9330.4	10135.8	10158.0	8911.1	7812.0	8824.3
55°	9352.6	9282.4	8606.3	7516.4	7963.5	9125.4	9831.0	9792.2	8805.8	7673.4	8986.8
57.5°	8558.3	8604.5	8100.2	6997.4	6969.6	7418.5	7728.9	7632.8	7348.3	6925.3	8360.6
60°	6905.0	7036.1	7084.2	5852.1	5259.1	5028.2	4935.8	4765.9	4813.9	5689.5	7344.6
62.5°	5922.3	5914.9	6216.0	5305.3	3445.1	2963.0	2918.6	2957.4	3511.6	5600.8	7193.2
65°	4695.7	4821.3	4913.7	4496.2	2726.5	2200.1	2198.2	2443.9	3038.7	4680.9	5807.7
67.5°	2981.4	3145.9	3260.4	2876.2	1823.2	1566.5	1524.0	1819.5	2105.9	3070.1	3496.8
70°	1681.0	1758.6	1810.3	1658.8	1160.1	812.8	764.8	835.0	1272.7	1987.6	2072.6
72.5°	648.4	683.5	753.7	759.2	437.8	262.3	212.4	254.9	535.7	786.9	750.0
75°	99.8	107.1	151.5	181.0	125.6	96.1	101.6	105.3	149.6	203.2	169.9
77.5°	48.0	48.0	46.2	53.6	62.8	68.3	73.9	81.3	88.7	97.9	94.2
80°	31.4	31.4	31.4	36.9	46.2	55.4	62.8	66.5	70.2	77.6	73.9
82.5°	20.3	20.3	20.3	27.7	36.9	46.2	49.9	59.1	66.5	77.6	72.0
85°	11.1	11.1	11.1	18.5	27.7	38.8	36.9	29.6	16.6	1.8	3.7
87.5°	3.7	3.7	3.7	3.7	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: P528262

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3
2.5°	5807.7	5722.8	5715.4	5541.7	5386.6	5310.8	5249.9	5079.9	5116.9	5019.0	5017.1
5°	5526.9	5353.3	5072.5	4841.6	4610.7	4564.5	4363.2	4187.7	4193.2	4067.6	4089.8
7.5°	5022.7	4902.6	4560.8	4198.8	3892.1	3674.2	3483.9	3369.4	3223.4	3173.6	3147.7
10°	4703.1	4555.3	4171.1	3716.7	3373.1	3256.7	3073.8	2972.2	2822.6	2748.7	2697.0
12.5°	4562.7	4346.6	3866.3	3404.5	3175.4	3055.3	2900.2	2715.4	2538.1	2469.8	2375.6
15°	4577.5	4318.9	3777.6	3278.9	3003.6	2770.9	2632.3	2427.3	2246.2	2126.2	2057.8
17.5°	4801.0	4487.0	3818.2	3182.8	2787.5	2495.6	2224.1	2002.4	1858.3	1767.8	1745.6
20°	5329.3	4902.6	3886.6	3027.6	2571.4	2207.5	1873.1	1642.2	1531.4	1529.5	1531.4
22.5°	5768.9	5345.9	4025.1	2935.3	2355.2	1838.0	1505.5	1431.6	1409.4	1455.6	1461.2
25°	6361.9	5844.7	4263.4	2887.2	2155.7	1566.5	1361.4	1333.7	1331.9	1391.0	1392.8
27.5°	6969.6	6280.6	4405.7	2746.8	1952.5	1426.1	1274.6	1269.1	1298.6	1361.4	1355.9
30°	7383.4	6646.4	4662.4	2578.7	1712.4	1302.3	1239.5	1246.9	1287.5	1335.6	1342.9
32.5°	7865.6	7006.6	4728.9	2486.4	1564.6	1198.9	1154.5	1171.2	1222.9	1298.6	1339.3
35°	8417.9	7261.5	4830.5	2360.8	1509.2	1119.4	1097.3	1115.7	1178.5	1228.4	1272.7
37.5°	8826.1	7712.2	4849.0	2262.9	1448.2	1075.1	1040.0	1101.0	1137.9	1208.1	1230.3
40°	9129.1	8039.2	4897.0	2201.9	1400.2	1017.8	1017.8	1058.5	1108.3	1173.0	1217.3
42.5°	9323.0	8277.5	4932.1	2146.5	1307.8	1001.2	992.0	1032.6	1099.1	1161.9	1182.2
44°	9441.3	8379.1	4897.0	2094.8	1282.0	980.9	980.9	1016.0	1067.7	1141.6	1165.6
45°	9470.8	8506.5	4819.5	2092.9	1250.6	956.9	953.2	1019.7	1054.8	1145.3	1160.1
47.5°	9585.3	8663.6	4828.7	2033.8	1174.8	899.6	964.3	993.8	1025.2	1104.7	1154.5
50°	9581.6	8761.5	4808.4	1947.0	1119.4	835.0	942.1	975.3	1006.7	1088.0	1108.3
52.5°	9607.5	9127.2	4994.9	1808.5	1019.7	751.8	868.2	942.1	980.9	1049.2	1091.7
55°	9594.6	9336.0	5179.7	1705.0	879.3	702.0	805.4	892.2	947.6	1019.7	1040.0
57.5°	8763.3	8251.6	4793.6	1511.0	727.8	642.8	716.7	840.5	910.7	984.6	1010.4
60°	7159.9	6360.1	3953.1	1112.0	598.5	591.1	666.9	823.9	853.4	918.1	962.4
62.5°	6616.8	5578.7	3134.8	849.7	511.7	541.2	615.1	744.4	790.6	870.1	910.7
65°	5177.8	3705.6	1941.5	574.5	450.7	485.8	556.0	652.1	727.8	801.7	849.7
67.5°	3066.4	2024.6	960.6	402.7	393.5	430.4	502.4	574.5	661.3	742.6	766.6
70°	1669.9	995.7	410.1	306.6	334.4	367.6	437.8	487.7	570.8	633.6	674.2
72.5°	535.7	302.9	205.0	227.2	254.9	293.7	336.2	397.2	456.3	493.2	526.5
75°	129.3	127.5	145.9	158.9	184.7	214.3	249.4	280.8	327.0	362.1	391.6
77.5°	90.5	97.9	112.7	131.2	140.4	151.5	173.6	197.7	218.0	243.8	262.3
80°	70.2	75.7	86.8	96.1	105.3	114.5	125.6	134.8	147.8	164.4	173.6
82.5°	66.5	70.2	81.3	86.8	83.1	81.3	88.7	92.4	94.2	99.8	105.3
85°	5.5	0.0	3.7	12.9	31.4	46.2	49.9	49.9	48.0	51.7	51.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	7.4	5.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3
2.5°	4994.9	4932.1	4956.2	4985.7	4943.2	4845.3	4871.2	4860.1	4959.8	4952.5	5052.2
5°	4187.7	4089.8	4100.9	4245.0	4198.8	4248.7	4148.9	4136.0	4154.4	4163.7	4180.3
7.5°	3205.0	3192.0	3302.9	3424.8	3482.1	3422.9	3325.0	3302.9	3282.5	3241.9	3334.3
10°	2615.7	2619.4	2612.0	2704.4	2769.0	2756.1	2697.0	2689.6	2650.8	2636.0	2687.7
12.5°	2334.9	2285.0	2261.0	2231.5	2281.3	2314.6	2288.7	2270.3	2272.1	2290.6	2298.0
15°	2063.4	2032.0	1980.2	1947.0	1971.0	1954.4	1945.1	1982.1	1972.9	1969.2	2013.5
17.5°	1758.6	1784.4	1780.7	1743.8	1775.2	1762.3	1760.4	1734.6	1699.5	1673.6	1688.4
20°	1557.2	1605.3	1642.2	1644.0	1660.7	1658.8	1631.1	1551.7	1525.8	1520.3	1524.0
22.5°	1485.2	1511.0	1555.4	1618.2	1618.2	1588.6	1555.4	1463.0	1439.0	1413.1	1402.1
25°	1427.9	1477.8	1535.1	1542.4	1572.0	1544.3	1490.7	1444.5	1394.7	1359.6	1359.6
27.5°	1398.4	1453.8	1496.3	1509.2	1549.8	1527.7	1472.3	1413.1	1354.0	1352.2	1320.8
30°	1385.4	1437.2	1464.9	1496.3	1514.7	1479.6	1463.0	1400.2	1341.1	1326.3	1274.6
32.5°	1346.6	1420.5	1472.3	1464.9	1479.6	1464.9	1440.8	1389.1	1322.6	1289.4	1283.8
35°	1302.3	1376.2	1431.6	1470.4	1479.6	1448.2	1433.5	1363.3	1272.7	1256.1	1198.9
37.5°	1278.3	1322.6	1391.0	1453.8	1466.7	1450.1	1400.2	1328.2	1237.7	1219.2	1169.3
40°	1248.7	1306.0	1359.6	1411.3	1450.1	1409.4	1352.2	1282.0	1241.3	1185.9	1171.2
42.5°	1226.6	1291.2	1335.6	1392.8	1437.2	1383.6	1317.1	1269.1	1211.8	1174.8	1132.4
44°	1219.2	1278.3	1307.8	1378.0	1415.0	1374.3	1318.9	1269.1	1202.6	1169.3	1132.4
45°	1193.3	1274.6	1306.0	1368.8	1400.2	1367.0	1296.8	1246.9	1198.9	1158.2	1119.4
47.5°	1167.5	1222.9	1276.4	1326.3	1348.5	1337.4	1278.3	1217.3	1160.1	1136.1	1099.1
50°	1160.1	1215.5	1265.4	1311.5	1337.4	1315.2	1261.7	1202.6	1136.1	1097.3	1065.9
52.5°	1123.1	1191.5	1246.9	1261.7	1294.9	1282.0	1241.3	1176.7	1113.9	1080.6	1054.8
55°	1069.6	1141.6	1217.3	1235.8	1283.8	1263.5	1202.6	1141.6	1088.0	1038.2	1004.9
57.5°	1049.2	1119.4	1193.3	1217.3	1246.9	1213.6	1198.9	1134.2	1049.2	1023.4	971.6
60°	997.5	1086.2	1147.1	1202.6	1204.4	1195.2	1169.3	1095.4	1025.2	977.2	940.2
62.5°	956.9	1040.0	1088.0	1139.7	1171.2	1145.3	1119.4	1051.1	975.3	921.8	879.3
65°	897.8	973.5	1014.1	1045.5	1080.6	1076.9	1032.6	982.7	903.3	860.8	820.2
67.5°	807.2	873.7	929.2	958.7	980.9	975.3	942.1	907.0	825.7	783.2	753.7
70°	698.3	766.6	801.7	818.3	840.5	851.6	825.7	809.1	737.0	681.6	653.9
72.5°	561.6	605.9	657.6	672.4	681.6	689.0	689.0	674.2	600.4	578.2	530.2
75°	413.8	448.9	487.7	487.7	504.3	506.1	509.8	500.6	445.2	415.6	404.5
77.5°	280.8	306.6	338.0	351.0	362.1	360.2	358.4	332.5	302.9	290.0	278.9
80°	182.9	208.7	223.5	240.1	251.2	249.4	253.1	234.6	221.7	199.5	203.2
82.5°	109.0	129.3	144.1	164.4	164.4	169.9	169.9	164.4	151.5	140.4	140.4
85°	51.7	68.3	77.6	90.5	97.9	99.8	88.7	75.7	62.8	57.3	62.8
87.5°	9.2	12.9	18.5	16.6	20.3	18.5	18.5	18.5	18.5	14.8	16.6
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: P528262

CATALOG NUMBER: GALN-SA3B-750-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3	5643.3
2.5°	5015.3	5107.6	5172.3	5279.4	5464.1	5611.9	5763.4	5876.1	5889.0	5922.3
5°	4241.3	4291.1	4455.5	4669.8	4821.3	5070.7	5231.4	5523.3	5632.2	5748.6
7.5°	3312.1	3393.4	3613.2	3757.3	4089.8	4402.0	4725.2	5085.5	5229.5	5246.2
10°	2793.0	2911.3	3060.9	3291.8	3472.8	3820.1	4222.8	4623.6	4784.4	4812.1
12.5°	2453.1	2604.6	2804.1	2970.4	3144.0	3447.0	3833.0	4328.1	4536.8	4662.4
15°	2126.2	2283.2	2503.0	2733.9	2887.2	3249.3	3703.7	4261.6	4533.1	4644.0
17.5°	1790.0	1935.9	2116.9	2366.3	2674.8	3081.2	3683.4	4483.3	4780.7	4910.0
20°	1501.8	1583.1	1793.7	2050.4	2436.5	2909.4	3690.8	4810.2	5246.2	5303.4
22.5°	1389.1	1407.6	1490.7	1727.2	2150.2	2733.9	3821.9	5273.9	5768.9	5957.4
25°	1302.3	1298.6	1320.8	1479.6	1941.5	2665.6	3951.3	5700.6	6349.0	6554.0
27.5°	1254.3	1217.3	1219.2	1368.8	1793.7	2554.7	4117.5	6190.1	7006.6	7097.1
30°	1230.3	1222.9	1200.7	1261.7	1633.0	2388.5	4145.2	6672.2	7394.5	7525.7
32.5°	1215.5	1143.4	1115.7	1137.9	1481.5	2207.5	4248.7	6990.0	7874.8	7817.5
35°	1141.6	1076.9	1058.5	1080.6	1374.3	2105.9	4180.3	7267.1	8235.0	8331.1
37.5°	1113.9	1056.6	1019.7	1001.2	1274.6	2020.9	4145.2	7693.8	8584.1	8815.0
40°	1088.0	1027.1	982.7	964.3	1197.0	1908.2	4134.1	8022.6	8986.8	9125.4
42.5°	1058.5	1019.7	969.8	936.6	1102.8	1795.5	4006.7	8124.2	9110.6	9260.2
44°	1049.2	990.1	938.4	927.3	1065.9	1738.3	3980.8	8216.5	9217.7	9444.9
45°	1040.0	984.6	925.5	910.7	1052.9	1706.9	3945.7	8238.7	9395.1	9437.6
47.5°	1014.1	979.0	921.8	881.1	1025.2	1638.5	3840.4	8113.1	9214.0	9221.4
50°	993.8	953.2	894.1	814.6	988.3	1581.2	3888.4	8066.9	8778.1	8794.7
52.5°	971.6	910.7	877.4	740.7	927.3	1533.2	3990.0	8275.6	8828.0	8824.3
55°	945.8	879.3	798.0	677.9	825.7	1472.3	4235.7	8687.6	9289.8	9352.6
57.5°	905.1	847.9	731.5	622.5	709.3	1355.9	4156.3	7898.8	8547.2	8558.3
60°	851.6	798.0	663.2	580.0	581.9	1069.6	3716.7	6155.0	6744.3	6905.0
62.5°	799.9	770.3	605.9	519.1	495.1	851.6	3142.2	5115.0	5789.3	5922.3
65°	738.9	666.9	556.0	472.9	424.9	596.7	2225.9	3821.9	4516.5	4695.7
67.5°	661.3	583.7	489.5	415.6	363.9	399.0	1149.0	2172.4	2876.2	2981.4
70°	578.2	506.1	411.9	351.0	293.7	275.2	506.1	1036.3	1572.0	1681.0
72.5°	474.7	408.2	328.8	277.1	219.8	190.3	169.9	277.1	557.9	648.4
75°	343.6	297.4	247.5	197.7	155.2	121.9	99.8	83.1	92.4	99.8
77.5°	253.1	216.1	182.9	140.4	109.0	86.8	68.3	51.7	49.9	48.0
80°	197.7	175.5	145.9	112.7	85.0	64.7	48.0	35.1	31.4	31.4
82.5°	155.2	144.1	120.1	92.4	70.2	51.7	35.1	24.0	20.3	20.3
85°	59.1	59.1	86.8	75.7	53.6	36.9	24.0	12.9	11.1	11.1
87.5°	14.8	14.8	14.8	14.8	12.9	11.1	11.1	5.5	3.7	3.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)