

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: P530160

Luminaire Tested: **GALN-SA5B-760-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P530160  
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-SA5B-760-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 70 CRI, 5700K, 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: 21223 lumens  
Efficiency: N/A  
Efficacy: 104.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

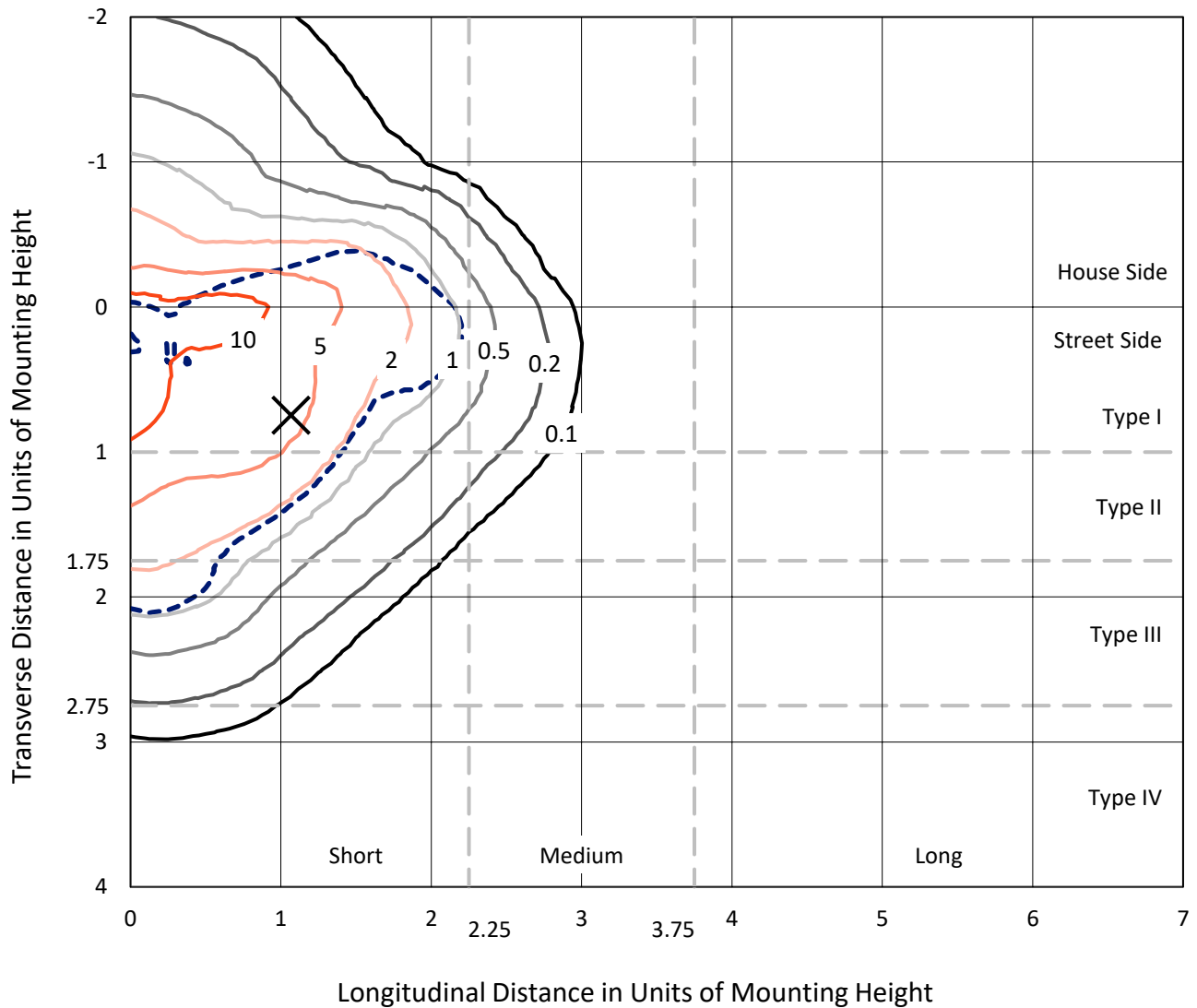
Input Watts (W): 204  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

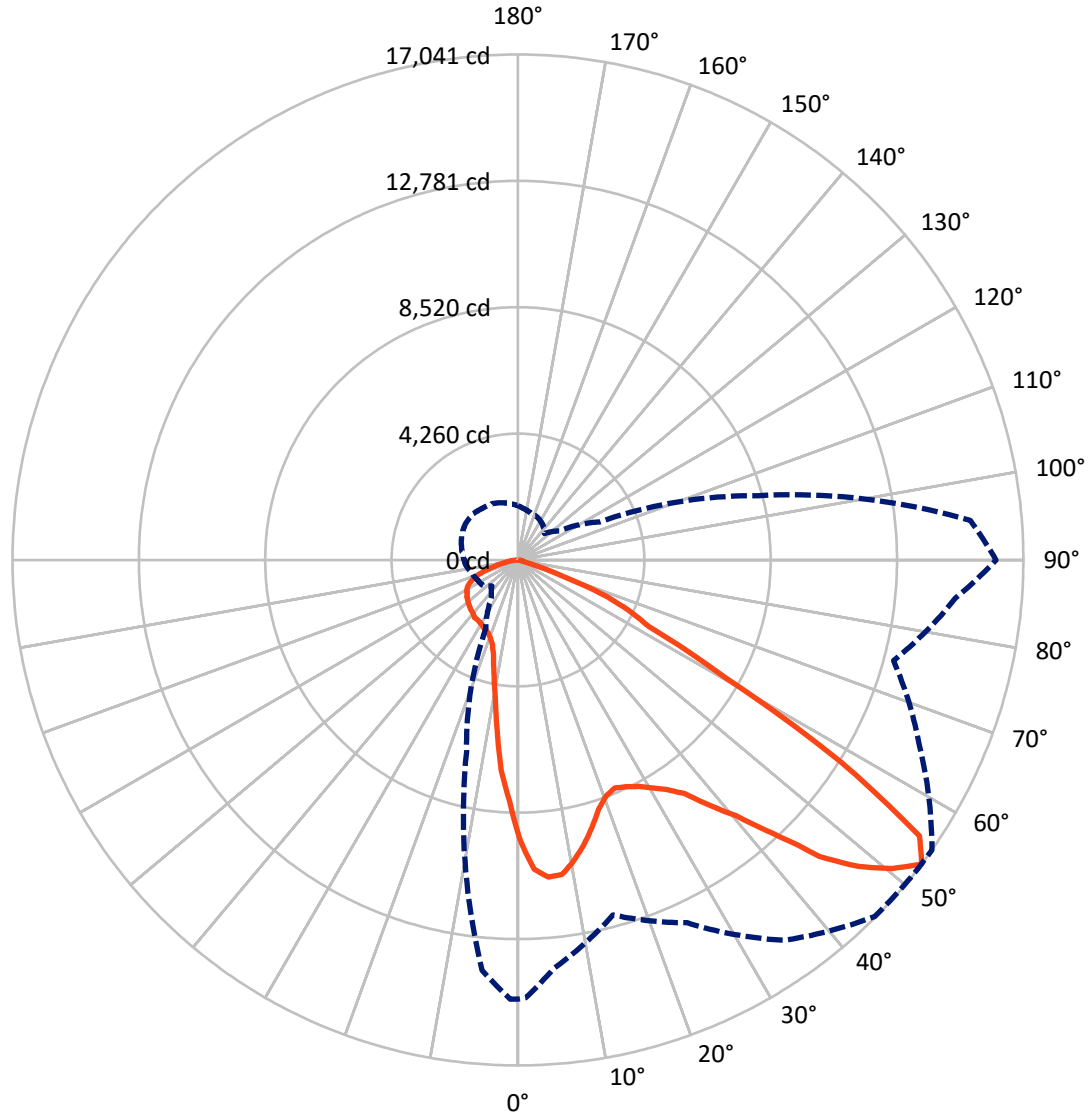
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.1 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6474.2	0.0	6474.2
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	14748.8	0.0	14748.8
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	21223.0	0.0	21223.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	723.3	3.4
10°-20°	1559.5	7.3
20°-30°	2364.7	11.1
30°-40°	3416.6	16.1
40°-50°	4565.5	21.5
50°-60°	5096.1	24.0
60°-70°	2795.4	13.2
70°-80°	604.4	2.8
80°-90°	97.8	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°	21223.0	100.0
0°-180°	21223.0	100.0

**Coefficient of Utilization**



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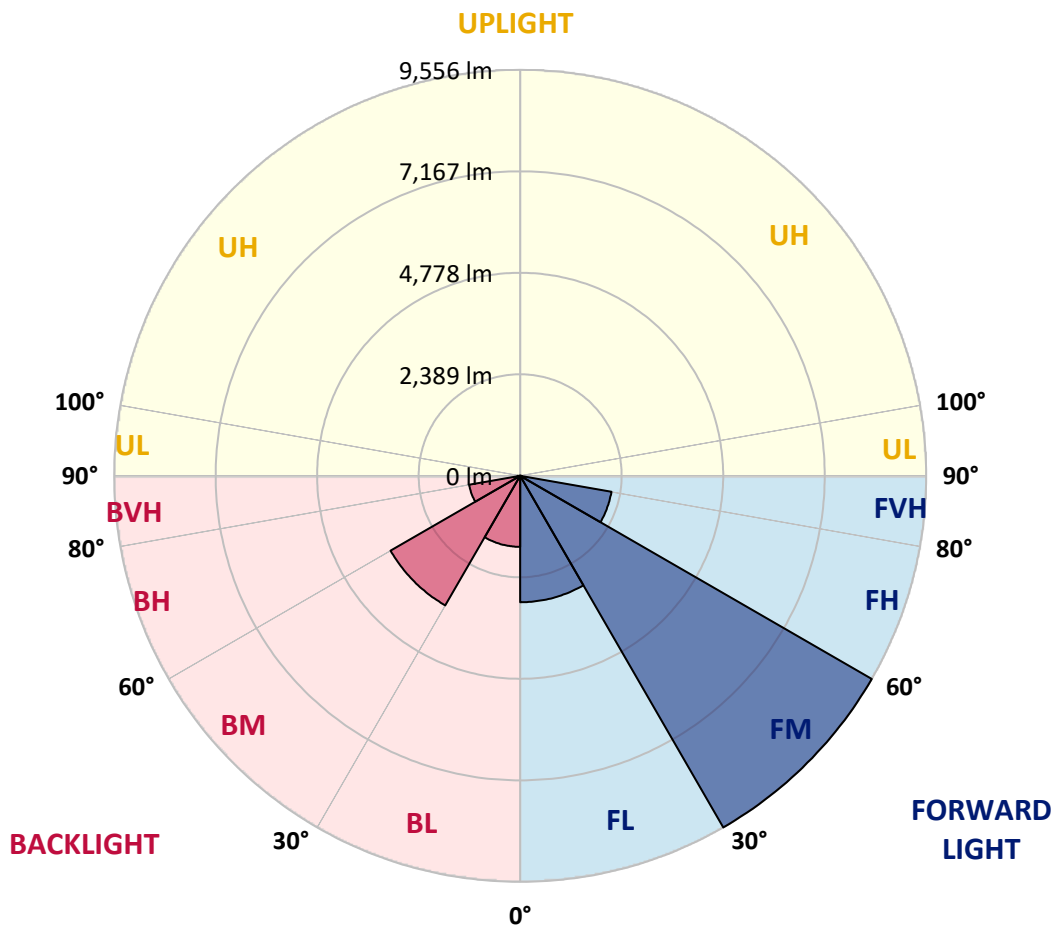
CATALOG NUMBER: GALN-SA5B-760-U-SLL-GRSWH

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2975.9	14.0			
FM (30°-60°)	9555.6	45.0			
FH (60°-80°)	2181.2	10.3			G2/5000
FVH (80°-90°)	36.2	0.2			G1/100
BL (0°-30°)	1671.5	7.9	B3/2500		
BM (30°-60°)	3522.5	16.6	B3/5000		
BH (60°-80°)	1218.6	5.7	B3/2500		G3/2500
BVH (80°-90°)	61.6	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1
2.5°	9935.0	9879.3	9928.8	10164.3	10300.7	10393.7	10452.5	10443.2	10220.1	10003.2	10003.2
5°	9643.7	9572.5	9674.7	10207.7	10743.8	10790.3	10867.8	10740.7	10412.3	10015.6	9519.8
7.5°	8800.8	8853.5	9024.0	9724.3	10421.6	10771.7	10864.7	10703.6	10170.5	9429.9	8701.7
10°	8072.6	8196.6	8590.1	9346.2	9987.7	10443.2	10545.5	10319.3	9897.8	8989.9	8339.1
12.5°	7821.6	7744.1	8181.1	8937.2	9550.8	9795.6	9842.1	9857.6	9572.5	8766.8	7973.4
15°	7790.6	7840.2	8181.1	8754.4	9132.4	9144.8	9222.3	9343.1	9380.3	8918.6	8143.9
17.5°	8236.8	8178.0	8528.1	8983.7	8803.9	8624.2	8642.8	8816.3	9123.1	9048.7	8680.0
20°	8896.9	9030.2	9306.0	9259.5	8776.0	8320.5	8323.6	8487.9	9092.1	9588.0	9426.8
22.5°	9993.9	10124.1	10328.6	9767.7	8776.0	8230.6	8125.3	8348.4	9290.5	10229.4	10269.7
25°	10994.9	11233.5	11289.2	10629.2	9216.1	8314.3	8246.1	8466.2	9488.8	10855.4	11236.6
27.5°	11905.9	11992.7	12237.5	11183.9	9460.9	8370.1	8363.9	8645.9	9739.8	11168.4	12101.2
30°	12624.9	12615.6	12755.0	11534.1	9851.4	8683.1	8382.5	8915.5	10068.3	11685.9	12900.7
32.5°	13114.5	13219.9	13514.2	12020.6	10015.6	8980.6	8745.1	9231.6	10468.0	11930.7	13464.7
35°	13976.0	14158.8	13786.9	12290.2	10536.2	9275.0	8999.2	9662.3	10666.4	12197.2	14155.7
37.5°	14787.9	14648.4	14270.4	12435.8	10874.0	9820.4	9563.2	10495.9	11283.0	12776.7	14614.4
40°	15308.5	15305.4	14632.9	12553.6	11112.6	10654.0	10638.5	11341.9	12039.2	13142.4	15128.8
42.5°	15534.7	15751.6	14781.7	12541.2	11614.6	11664.2	11977.2	12606.3	12575.3	13216.8	15116.4
44°	15844.6	15974.8	15038.9	12569.1	11949.3	12346.0	13083.5	13483.3	13043.2	13176.5	15100.9
45°	15832.2	15841.5	14673.2	12606.3	12234.4	12916.2	13576.2	14251.8	13455.4	13089.7	15305.4
47.5°	15469.6	15364.3	14363.3	12330.5	13123.8	14422.2	15032.7	15441.8	13963.6	12903.8	15051.3
50°	14753.8	14632.9	13610.3	12212.7	13309.7	15358.1	16201.0	16349.7	14425.3	12720.9	14800.3
52.5°	14803.4	14769.3	13824.1	12389.4	13495.7	15652.5	17003.6	17040.8	14949.0	13105.2	14803.4
55°	15689.7	15571.9	14437.7	12609.4	13359.3	15308.5	16492.3	16427.2	14772.4	12872.8	15076.1
57.5°	14357.1	14434.6	13588.6	11738.6	11692.1	12445.1	12965.7	12804.6	12327.4	11617.7	14025.6
60°	11583.6	11803.7	11884.2	9817.3	8822.5	8435.2	8280.2	7995.1	8075.7	9544.6	12321.2
62.5°	9935.0	9922.6	10427.8	8900.0	5779.4	4970.6	4896.2	4961.3	5891.0	9395.8	12067.1
65°	7877.4	8088.1	8243.0	7542.7	4574.0	3690.8	3687.7	4099.8	5097.7	7852.6	9742.9
67.5°	5001.6	5277.4	5469.5	4825.0	3058.6	2627.9	2556.6	3052.4	3532.7	5150.4	5866.2
70°	2820.0	2950.1	3036.9	2782.8	1946.1	1363.5	1282.9	1400.7	2135.1	3334.4	3477.0
72.5°	1087.7	1146.6	1264.3	1273.6	734.4	440.0	356.4	427.6	898.7	1320.1	1258.1
75°	167.3	179.7	254.1	303.7	210.7	161.1	170.4	176.6	251.0	340.9	285.1
77.5°	80.6	80.6	77.5	89.9	105.4	114.7	124.0	136.4	148.7	164.2	158.0
80°	52.7	52.7	52.7	62.0	77.5	93.0	105.4	111.6	117.8	130.2	124.0
82.5°	34.1	34.1	34.1	46.5	62.0	77.5	83.7	99.2	111.6	130.2	120.9
85°	18.6	18.6	18.6	31.0	46.5	65.1	62.0	49.6	27.9	3.1	6.2
87.5°	6.2	6.2	6.2	6.2	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



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1
2.5°	9742.9	9600.4	9588.0	9296.7	9036.4	8909.3	8807.0	8521.9	8583.9	8419.7	8416.6
5°	9271.9	8980.6	8509.5	8122.2	7734.8	7657.3	7319.6	7025.2	7034.5	6823.7	6860.9
7.5°	8425.9	8224.4	7651.2	7043.8	6529.4	6163.7	5844.5	5652.4	5407.6	5323.9	5280.5
10°	7889.8	7641.9	6997.3	6235.0	5658.6	5463.3	5156.5	4986.1	4735.1	4611.1	4524.4
12.5°	7654.3	7291.7	6486.0	5711.2	5327.0	5125.6	4865.3	4555.4	4257.9	4143.2	3985.2
15°	7679.0	7245.2	6337.2	5500.5	5038.8	4648.3	4415.9	4071.9	3768.2	3566.8	3452.2
17.5°	8054.0	7527.2	6405.4	5339.4	4676.2	4186.6	3731.1	3359.2	3117.5	2965.6	2928.4
20°	8940.3	8224.4	6520.1	5079.1	4313.7	3703.2	3142.3	2754.9	2569.0	2565.9	2569.0
22.5°	9677.8	8968.2	6752.5	4924.1	3951.1	3083.4	2525.6	2401.6	2364.5	2441.9	2451.2
25°	10672.6	9804.9	7152.2	4843.6	3616.4	2627.9	2283.9	2237.4	2234.3	2333.5	2336.6
27.5°	11692.1	10536.2	7390.8	4608.0	3275.5	2392.3	2138.2	2128.9	2178.5	2283.9	2274.6
30°	12386.3	11149.8	7821.6	4326.0	2872.7	2184.7	2079.4	2091.7	2159.9	2240.5	2252.9
32.5°	13195.1	11754.1	7933.2	4171.1	2624.8	2011.2	1936.8	1964.7	2051.5	2178.5	2246.7
35°	14121.6	12181.7	8103.6	3960.4	2531.8	1877.9	1840.7	1871.7	1977.1	2060.8	2135.1
37.5°	14806.5	12937.9	8134.6	3796.1	2429.5	1803.6	1744.7	1846.9	1908.9	2026.7	2063.9
40°	15314.7	13486.4	8215.1	3693.9	2349.0	1707.5	1707.5	1775.7	1859.3	1967.8	2042.2
42.5°	15640.1	13886.1	8274.0	3600.9	2194.0	1679.6	1664.1	1732.3	1843.8	1949.2	1983.3
44°	15838.4	14056.6	8215.1	3514.1	2150.6	1645.5	1645.5	1704.4	1791.2	1915.1	1955.4
45°	15888.0	14270.4	8085.0	3511.0	2097.9	1605.2	1599.0	1710.6	1769.5	1921.3	1946.1
47.5°	16080.1	14533.8	8100.5	3411.9	1970.9	1509.2	1617.6	1667.2	1719.9	1853.1	1936.8
50°	16073.9	14698.0	8066.4	3266.2	1877.9	1400.7	1580.4	1636.2	1688.9	1825.2	1859.3
52.5°	16117.3	15311.6	8379.4	3033.8	1710.6	1261.2	1456.5	1580.4	1645.5	1760.2	1831.4
55°	16095.6	15661.8	8689.3	2860.3	1475.1	1177.6	1351.1	1496.8	1589.7	1710.6	1744.7
57.5°	14701.1	13842.7	8041.6	2534.9	1221.0	1078.4	1202.4	1410.0	1527.8	1651.7	1695.1
60°	12011.3	10669.5	6631.6	1865.5	1004.0	991.6	1118.7	1382.1	1431.7	1540.1	1614.5
62.5°	11100.2	9358.6	5258.8	1425.5	858.4	908.0	1031.9	1248.9	1326.3	1459.6	1527.8
65°	8686.2	6216.4	3256.9	963.8	756.1	815.0	932.8	1093.9	1221.0	1344.9	1425.5
67.5°	5144.2	3396.4	1611.4	675.6	660.1	722.0	842.9	963.8	1109.4	1245.8	1286.0
70°	2801.4	1670.3	688.0	514.4	560.9	616.7	734.4	818.1	957.6	1062.9	1131.1
72.5°	898.7	508.2	344.0	381.2	427.6	492.7	564.0	666.3	765.4	827.4	883.2
75°	216.9	213.8	244.8	266.5	309.9	359.5	418.3	471.0	548.5	607.4	657.0
77.5°	151.8	164.2	189.0	220.0	235.5	254.1	291.3	331.6	365.7	409.1	440.0
80°	117.8	127.1	145.6	161.1	176.6	192.1	210.7	226.2	247.9	275.8	291.3
82.5°	111.6	117.8	136.4	145.6	139.4	136.4	148.7	154.9	158.0	167.3	176.6
85°	9.3	0.0	6.2	21.7	52.7	77.5	83.7	83.7	80.6	86.8	86.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	12.4	9.3
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°	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1
2.5°	8379.4	8274.0	8314.3	8363.9	8292.6	8128.4	8171.8	8153.2	8320.5	8308.1	8475.5
5°	7025.2	6860.9	6879.5	7121.2	7043.8	7127.4	6960.1	6938.4	6969.4	6984.9	7012.8
7.5°	5376.6	5354.9	5540.8	5745.3	5841.4	5742.2	5578.0	5540.8	5506.7	5438.5	5593.5
10°	4388.0	4394.2	4381.8	4536.8	4645.2	4623.5	4524.4	4512.0	4446.9	4422.1	4508.9
12.5°	3917.0	3833.3	3793.0	3743.5	3827.1	3882.9	3839.5	3808.5	3811.6	3842.6	3855.0
15°	3461.5	3408.8	3322.0	3266.2	3306.5	3278.6	3263.1	3325.1	3309.6	3303.4	3377.8
17.5°	2950.1	2993.5	2987.3	2925.3	2978.0	2956.3	2953.2	2909.9	2851.0	2807.6	2832.4
20°	2612.4	2692.9	2754.9	2758.0	2785.9	2782.8	2736.3	2603.1	2559.7	2550.4	2556.6
22.5°	2491.5	2534.9	2609.3	2714.6	2714.6	2665.0	2609.3	2454.3	2414.0	2370.6	2352.1
25°	2395.4	2479.1	2575.2	2587.6	2637.2	2590.7	2500.8	2423.3	2339.7	2280.8	2280.8
27.5°	2345.9	2438.8	2510.1	2531.8	2600.0	2562.8	2469.8	2370.6	2271.5	2268.4	2215.7
30°	2324.2	2410.9	2457.4	2510.1	2541.1	2482.2	2454.3	2349.0	2249.8	2225.0	2138.2
32.5°	2259.1	2383.0	2469.8	2457.4	2482.2	2457.4	2417.1	2330.4	2218.8	2163.0	2153.7
35°	2184.7	2308.7	2401.6	2466.7	2482.2	2429.5	2404.7	2287.0	2135.1	2107.2	2011.2
37.5°	2144.4	2218.8	2333.5	2438.8	2460.5	2432.6	2349.0	2228.1	2076.3	2045.3	1961.6
40°	2094.8	2190.9	2280.8	2367.5	2432.6	2364.5	2268.4	2150.6	2082.5	1989.5	1964.7
42.5°	2057.7	2166.1	2240.5	2336.6	2410.9	2321.1	2209.5	2128.9	2032.9	1970.9	1899.6
44°	2045.3	2144.4	2194.0	2311.8	2373.7	2305.6	2212.6	2128.9	2017.4	1961.6	1899.6
45°	2001.9	2138.2	2190.9	2296.3	2349.0	2293.2	2175.4	2091.7	2011.2	1943.0	1877.9
47.5°	1958.5	2051.5	2141.3	2225.0	2262.2	2243.6	2144.4	2042.2	1946.1	1905.8	1843.8
50°	1946.1	2039.1	2122.7	2200.2	2243.6	2206.4	2116.5	2017.4	1905.8	1840.7	1788.1
52.5°	1884.1	1998.8	2091.7	2116.5	2172.3	2150.6	2082.5	1974.0	1868.6	1812.8	1769.5
55°	1794.3	1915.1	2042.2	2073.2	2153.7	2119.6	2017.4	1915.1	1825.2	1741.6	1685.8
57.5°	1760.2	1877.9	2001.9	2042.2	2091.7	2036.0	2011.2	1902.7	1760.2	1716.8	1630.0
60°	1673.4	1822.1	1924.4	2017.4	2020.5	2005.0	1961.6	1837.6	1719.9	1639.3	1577.3
62.5°	1605.2	1744.7	1825.2	1912.0	1964.7	1921.3	1877.9	1763.3	1636.2	1546.3	1475.1
65°	1506.1	1633.1	1701.3	1754.0	1812.8	1806.7	1732.3	1648.6	1515.4	1444.1	1375.9
67.5°	1354.2	1465.8	1558.7	1608.3	1645.5	1636.2	1580.4	1521.6	1385.2	1313.9	1264.3
70°	1171.4	1286.0	1344.9	1372.8	1410.0	1428.6	1385.2	1357.3	1236.5	1143.5	1097.0
72.5°	942.1	1016.4	1103.2	1128.0	1143.5	1155.9	1155.9	1131.1	1007.1	970.0	889.4
75°	694.2	753.0	818.1	818.1	846.0	849.1	855.3	839.8	746.8	697.2	678.7
77.5°	471.0	514.4	567.1	588.8	607.4	604.3	601.2	557.8	508.2	486.5	467.9
80°	306.8	350.2	375.0	402.9	421.4	418.3	424.5	393.6	371.9	334.7	340.9
82.5°	182.8	216.9	241.7	275.8	275.8	285.1	285.1	275.8	254.1	235.5	235.5
85°	86.8	114.7	130.2	151.8	164.2	167.3	148.7	127.1	105.4	96.1	105.4
87.5°	15.5	21.7	31.0	27.9	34.1	31.0	31.0	31.0	31.0	24.8	27.9
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: P530160

CATALOG NUMBER: GALN-SA5B-760-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1	9467.1
2.5°	8413.5	8568.4	8676.9	8856.6	9166.5	9414.4	9668.5	9857.6	9879.3	9935.0
5°	7115.0	7198.7	7474.5	7834.0	8088.1	8506.4	8776.0	9265.7	9448.5	9643.7
7.5°	5556.3	5692.7	6061.4	6303.1	6860.9	7384.6	7927.0	8531.2	8772.9	8800.8
10°	4685.5	4883.8	5134.9	5522.2	5825.9	6408.5	7084.1	7756.5	8026.1	8072.6
12.5°	4115.3	4369.4	4704.1	4983.0	5274.3	5782.5	6430.2	7260.7	7610.9	7821.6
15°	3566.8	3830.2	4199.0	4586.4	4843.6	5450.9	6213.3	7149.1	7604.7	7790.6
17.5°	3002.8	3247.6	3551.3	3969.7	4487.2	5168.9	6179.2	7521.0	8019.9	8236.8
20°	2519.4	2655.7	3009.0	3439.8	4087.4	4880.7	6191.6	8069.5	8800.8	8896.9
22.5°	2330.4	2361.4	2500.8	2897.5	3607.1	4586.4	6411.6	8847.3	9677.8	9993.9
25°	2184.7	2178.5	2215.7	2482.2	3256.9	4471.7	6628.5	9563.2	10650.9	10994.9
27.5°	2104.1	2042.2	2045.3	2296.3	3009.0	4285.8	6907.4	10384.4	11754.1	11905.9
30°	2063.9	2051.5	2014.3	2116.5	2739.4	4006.9	6953.9	11193.2	12404.8	12624.9
32.5°	2039.1	1918.2	1871.7	1908.9	2485.3	3703.2	7127.4	11726.2	13210.6	13114.5
35°	1915.1	1806.7	1775.7	1812.8	2305.6	3532.7	7012.8	12191.0	13814.8	13976.0
37.5°	1868.6	1772.6	1710.6	1679.6	2138.2	3390.2	6953.9	12906.9	14400.5	14787.9
40°	1825.2	1723.0	1648.6	1617.6	2008.1	3201.2	6935.3	13458.5	15076.1	15308.5
42.5°	1775.7	1710.6	1626.9	1571.1	1850.0	3012.1	6721.5	13628.9	15283.7	15534.7
44°	1760.2	1661.0	1574.2	1555.6	1788.1	2916.1	6678.1	13783.8	15463.4	15844.6
45°	1744.7	1651.7	1552.5	1527.8	1766.4	2863.4	6619.2	13821.0	15760.9	15832.2
47.5°	1701.3	1642.4	1546.3	1478.2	1719.9	2748.7	6442.6	13610.3	15457.2	15469.6
50°	1667.2	1599.0	1499.9	1366.6	1657.9	2652.6	6523.2	13532.8	14725.9	14753.8
52.5°	1630.0	1527.8	1472.0	1242.7	1555.6	2572.1	6693.6	13883.0	14809.6	14803.4
55°	1586.6	1475.1	1338.7	1137.3	1385.2	2469.8	7105.7	14574.1	15584.3	15689.7
57.5°	1518.5	1422.4	1227.2	1044.3	1190.0	2274.6	6972.5	13250.8	14338.6	14357.1
60°	1428.6	1338.7	1112.5	973.1	976.1	1794.3	6235.0	10325.5	11314.0	11583.6
62.5°	1341.8	1292.2	1016.4	870.8	830.5	1428.6	5271.2	8580.8	9711.9	9935.0
65°	1239.6	1118.7	932.8	793.3	712.7	1000.9	3734.2	6411.6	7576.8	7877.4
67.5°	1109.4	979.2	821.2	697.2	610.5	669.4	1927.5	3644.3	4825.0	5001.6
70°	970.0	849.1	691.1	588.8	492.7	461.7	849.1	1738.5	2637.2	2820.0
72.5°	796.4	684.9	551.6	464.8	368.8	319.2	285.1	464.8	935.9	1087.7
75°	576.4	498.9	415.3	331.6	260.3	204.5	167.3	139.4	154.9	167.3
77.5°	424.5	362.6	306.8	235.5	182.8	145.6	114.7	86.8	83.7	80.6
80°	331.6	294.4	244.8	189.0	142.5	108.5	80.6	58.9	52.7	52.7
82.5°	260.3	241.7	201.4	154.9	117.8	86.8	58.9	40.3	34.1	34.1
85°	99.2	99.2	145.6	127.1	89.9	62.0	40.3	21.7	18.6	18.6
87.5°	24.8	24.8	24.8	24.8	21.7	18.6	18.6	9.3	6.2	6.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)