

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: P530940

Luminaire Tested: **GALN-SA6B-722-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P530940  
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-SA6B-722-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 2200K, 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: 18473 lumens  
Efficiency: N/A  
Efficacy: 76.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

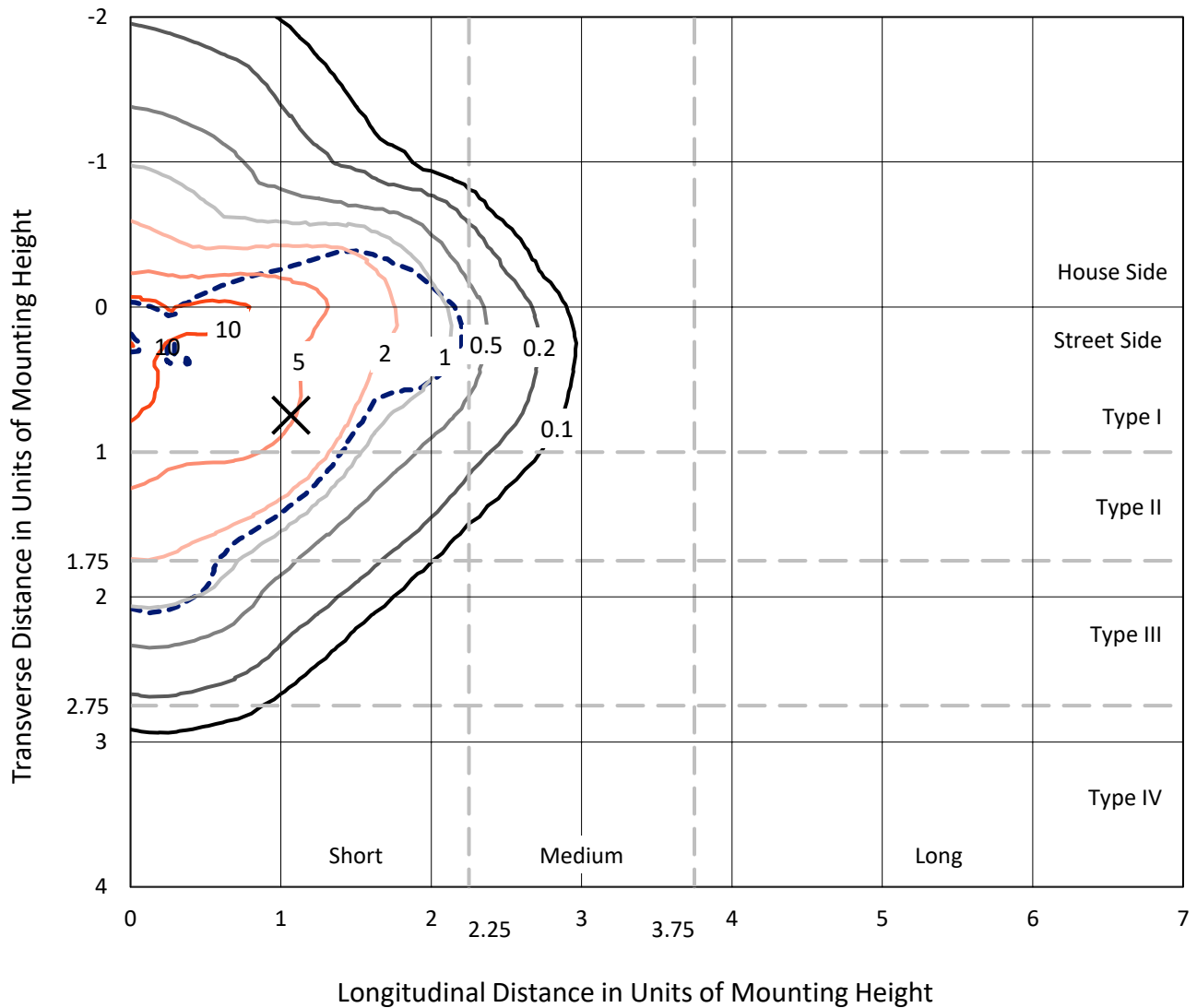
Input Watts (W): 243  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

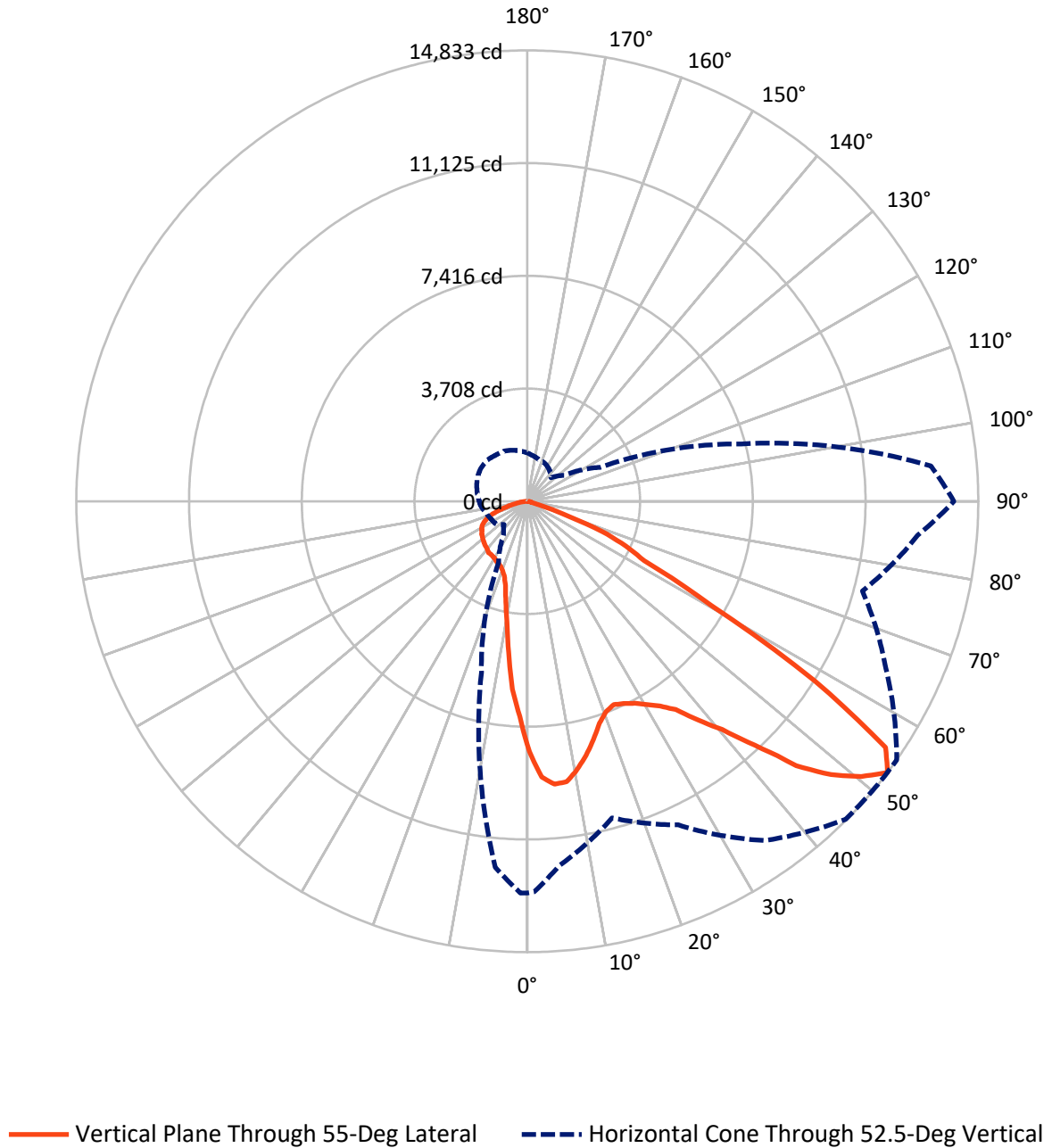
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14 fc  
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA6B-722-U-SLL-GRSWH

### Luminous Intensity Polar Plot



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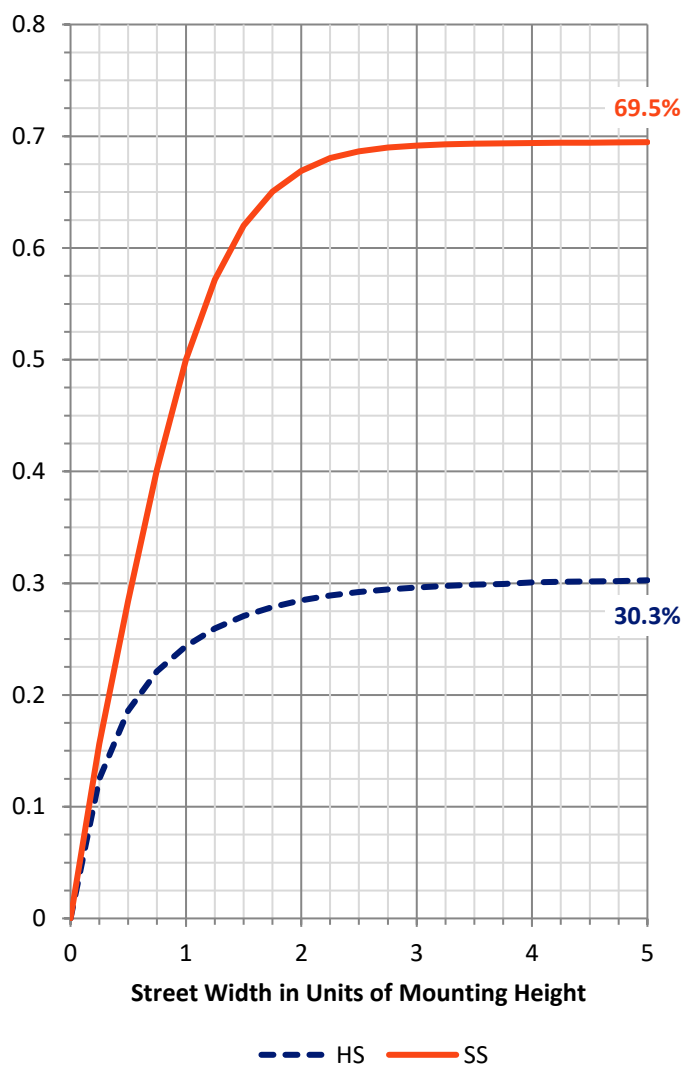
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5635.3	0.0	5635.3
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	12837.7	0.0	12837.7
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	18473.0	0.0	18473.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	629.6	3.4
10°-20°	1357.4	7.3
20°-30°	2058.2	11.1
30°-40°	2973.9	16.1
40°-50°	3973.9	21.5
50°-60°	4435.7	24.0
60°-70°	2433.2	13.2
70°-80°	526.1	2.8
80°-90°	85.1	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°	18473.0	100.0
0°-180°	18473.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P530940

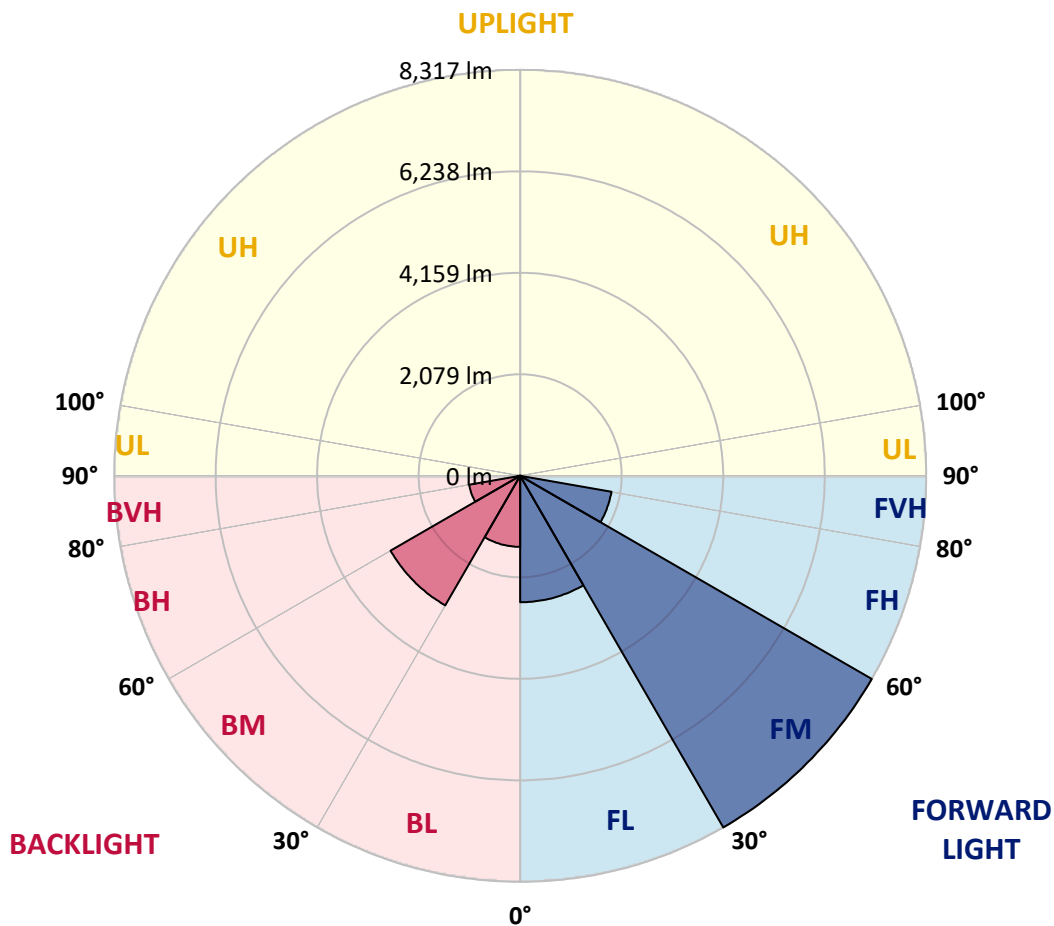
CATALOG NUMBER: GALN-SA6B-722-U-SLL-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2590.2	14.0			
FM (30°-60°)	8317.4	45.0			
FH (60°-80°)	1898.6	10.3			G2/5000
FVH (80°-90°)	31.5	0.2			G1/100
BL (0°-30°)	1454.9	7.9	B3/2500		
BM (30°-60°)	3066.0	16.6	B3/5000		
BH (60°-80°)	1060.7	5.7	B3/2500		G3/2500
BVH (80°-90°)	53.6	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





REPORT NUMBER: P530940

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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4
2.5°	8647.7	8599.1	8642.3	8847.3	8966.0	9046.9	9098.1	9090.1	8895.8	8707.0	8707.0
5°	8394.1	8332.1	8421.1	8885.1	9351.7	9392.2	9459.6	9349.0	9063.1	8717.8	8286.2
7.5°	7660.5	7706.3	7854.7	8464.3	9071.2	9376.0	9456.9	9316.6	8852.7	8208.0	7574.1
10°	7026.6	7134.5	7477.0	8135.2	8693.5	9090.1	9179.1	8982.2	8615.3	7825.0	7258.6
12.5°	6808.1	6740.7	7121.0	7779.1	8313.2	8526.3	8566.8	8580.3	8332.1	7630.8	6940.3
15°	6781.1	6824.3	7121.0	7620.0	7949.1	7959.9	8027.3	8132.5	8164.9	7763.0	7088.6
17.5°	7169.5	7118.3	7423.1	7819.6	7663.2	7506.7	7522.9	7673.9	7941.0	7876.2	7555.3
20°	7744.1	7860.1	8100.1	8059.7	7638.9	7242.4	7245.1	7388.0	7914.0	8345.6	8205.3
22.5°	8698.9	8812.2	8990.2	8502.0	7638.9	7164.1	7072.4	7266.6	8086.6	8903.9	8939.0
25°	9570.2	9777.9	9826.4	9251.9	8021.9	7237.0	7177.6	7369.1	8259.3	9448.8	9780.6
27.5°	10363.2	10438.7	10651.8	9734.7	8235.0	7285.5	7280.1	7525.6	8477.8	9721.2	10533.1
30°	10989.0	10980.9	11102.3	10039.5	8574.9	7558.0	7296.3	7760.3	8763.7	10171.7	11229.0
32.5°	11415.2	11506.9	11763.1	10463.0	8717.8	7816.9	7611.9	8035.4	9111.6	10384.8	11720.0
35°	12165.0	12324.2	12000.5	10697.7	9171.0	8073.2	7833.1	8410.3	9284.3	10616.7	12321.5
37.5°	12871.7	12750.3	12421.3	10824.4	9465.0	8547.9	8324.0	9135.9	9821.0	11121.2	12720.7
40°	13324.9	13322.2	12736.9	10926.9	9672.7	9273.5	9260.0	9872.3	10479.2	11439.4	13168.4
42.5°	13521.8	13710.6	12866.3	10916.2	10109.6	10152.8	10425.2	10972.8	10945.8	11504.2	13157.6
44°	13791.5	13904.8	13090.2	10940.4	10401.0	10746.2	11388.2	11736.1	11353.1	11469.1	13144.2
45°	13780.7	13788.8	12771.9	10972.8	10649.1	11242.5	11817.1	12405.1	11711.9	11393.6	13322.2
47.5°	13465.1	13373.4	12502.2	10732.7	11423.3	12553.4	13084.8	13440.9	12154.2	11231.7	13101.0
50°	12842.1	12736.9	11846.7	10630.2	11585.1	13368.0	14101.7	14231.2	12556.1	11072.6	12882.5
52.5°	12885.2	12855.5	12032.9	10784.0	11746.9	13624.3	14800.3	14832.7	13012.0	11407.1	12885.2
55°	13656.7	13554.2	12566.9	10975.5	11628.3	13324.9	14355.3	14298.6	12858.2	11204.8	13122.6
57.5°	12496.8	12564.2	11827.9	10217.5	10177.1	10832.5	11285.7	11145.4	10730.0	10112.3	12208.2
60°	10082.7	10274.2	10344.3	8545.2	7679.3	7342.2	7207.3	6959.1	7029.3	8307.8	10724.6
62.5°	8647.7	8636.9	9076.6	7746.8	5030.5	4326.5	4261.8	4318.4	5127.7	8178.3	10503.5
65°	6856.6	7040.1	7174.9	6565.3	3981.3	3212.5	3209.8	3568.6	4437.1	6835.1	8480.5
67.5°	4353.5	4593.6	4760.8	4199.8	2662.3	2287.3	2225.3	2656.9	3075.0	4483.0	5106.1
70°	2454.6	2567.9	2643.4	2422.2	1693.9	1186.8	1116.7	1219.2	1858.5	2902.3	3026.4
72.5°	946.8	998.0	1100.5	1108.6	639.3	383.0	310.2	372.2	782.2	1149.1	1095.1
75°	145.7	156.4	221.2	264.3	183.4	140.3	148.4	153.7	218.5	296.7	248.2
77.5°	70.1	70.1	67.4	78.2	91.7	99.8	107.9	118.7	129.5	143.0	137.6
80°	45.9	45.9	45.9	53.9	67.4	80.9	91.7	97.1	102.5	113.3	107.9
82.5°	29.7	29.7	29.7	40.5	53.9	67.4	72.8	86.3	97.1	113.3	105.2
85°	16.2	16.2	16.2	27.0	40.5	56.6	53.9	43.2	24.3	2.7	5.4
87.5°	5.4	5.4	5.4	5.4	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: P530940

CATALOG NUMBER: GALN-SA6B-722-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4
2.5°	8480.5	8356.4	8345.6	8092.0	7865.5	7754.9	7665.9	7417.7	7471.6	7328.7	7326.0
5°	8070.5	7816.9	7406.9	7069.7	6732.6	6665.1	6371.1	6114.9	6123.0	5939.6	5971.9
7.5°	7334.1	7158.8	6659.7	6131.1	5683.3	5365.0	5087.2	4920.0	4706.9	4634.0	4596.3
10°	6867.4	6651.7	6090.6	5427.1	4925.4	4755.4	4488.4	4340.0	4121.5	4013.6	3938.1
12.5°	6662.4	6346.9	5645.5	4971.2	4636.7	4461.4	4234.8	3965.1	3706.2	3606.3	3468.8
15°	6684.0	6306.4	5516.1	4787.8	4385.9	4046.0	3843.7	3544.3	3280.0	3104.6	3004.8
17.5°	7010.4	6551.8	5575.4	4647.5	4070.3	3644.1	3247.6	2923.9	2713.5	2581.4	2549.0
20°	7781.8	7158.8	5675.2	4420.9	3754.7	3223.3	2735.1	2397.9	2236.1	2233.4	2236.1
22.5°	8423.8	7806.1	5877.5	4286.1	3439.1	2683.9	2198.3	2090.4	2058.1	2125.5	2133.6
25°	9289.7	8534.4	6225.5	4215.9	3147.8	2287.3	1987.9	1947.5	1944.8	2031.1	2033.8
27.5°	10177.1	9171.0	6433.2	4011.0	2851.1	2082.3	1861.2	1853.1	1896.2	1987.9	1979.9
30°	10781.3	9705.0	6808.1	3765.5	2500.4	1901.6	1809.9	1820.7	1880.0	1950.2	1961.0
32.5°	11485.3	10231.0	6905.2	3630.6	2284.7	1750.6	1685.8	1710.1	1785.6	1896.2	1955.6
35°	12291.8	10603.3	7053.6	3447.2	2203.7	1634.6	1602.2	1629.2	1720.9	1793.7	1858.5
37.5°	12887.9	11261.4	7080.5	3304.2	2114.7	1569.9	1518.6	1607.6	1661.6	1764.1	1796.4
40°	13330.3	11738.8	7150.7	3215.2	2044.6	1486.2	1486.2	1545.6	1618.4	1712.8	1777.5
42.5°	13613.5	12086.8	7201.9	3134.3	1909.7	1462.0	1448.5	1507.8	1604.9	1696.6	1726.3
44°	13786.1	12235.2	7150.7	3058.8	1872.0	1432.3	1432.3	1483.5	1559.1	1667.0	1702.0
45°	13829.3	12421.3	7037.4	3056.1	1826.1	1397.2	1391.8	1488.9	1540.2	1672.4	1693.9
47.5°	13996.5	12650.5	7050.9	2969.8	1715.5	1313.6	1408.0	1451.2	1497.0	1613.0	1685.8
50°	13991.1	12793.5	7021.2	2843.0	1634.6	1219.2	1375.6	1424.2	1470.1	1588.7	1618.4
52.5°	14028.9	13327.6	7293.6	2640.7	1488.9	1097.8	1267.8	1375.6	1432.3	1532.1	1594.1
55°	14010.0	13632.4	7563.4	2489.6	1283.9	1025.0	1176.0	1302.8	1383.7	1488.9	1518.6
57.5°	12796.2	12049.0	6999.6	2206.4	1062.8	938.7	1046.6	1227.3	1329.8	1437.7	1475.4
60°	10454.9	9287.0	5772.3	1623.8	873.9	863.2	973.7	1203.0	1246.2	1340.6	1405.3
62.5°	9661.9	8146.0	4577.4	1240.8	747.2	790.3	898.2	1087.0	1154.5	1270.4	1329.8
65°	7560.7	5410.9	2834.9	838.9	658.2	709.4	811.9	952.2	1062.8	1170.6	1240.8
67.5°	4477.6	2956.3	1402.6	588.0	574.5	628.5	733.7	838.9	965.6	1084.3	1119.4
70°	2438.4	1453.9	598.8	447.8	488.2	536.8	639.3	712.1	833.5	925.2	984.5
72.5°	782.2	442.4	299.4	331.8	372.2	428.9	490.9	579.9	666.2	720.2	768.7
75°	188.8	186.1	213.1	232.0	269.7	312.9	364.1	410.0	477.4	528.7	571.8
77.5°	132.2	143.0	164.5	191.5	205.0	221.2	253.6	288.6	318.3	356.0	383.0
80°	102.5	110.6	126.8	140.3	153.7	167.2	183.4	196.9	215.8	240.1	253.6
82.5°	97.1	102.5	118.7	126.8	121.4	118.7	129.5	134.9	137.6	145.7	153.7
85°	8.1	0.0	5.4	18.9	45.9	67.4	72.8	72.8	70.1	75.5	75.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	10.8	8.1
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°	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4
2.5°	7293.6	7201.9	7237.0	7280.1	7218.1	7075.1	7112.9	7096.7	7242.4	7231.6	7377.2
5°	6114.9	5971.9	5988.1	6198.5	6131.1	6203.9	6058.2	6039.4	6066.3	6079.8	6104.1
7.5°	4679.9	4661.0	4822.9	5000.9	5084.5	4998.2	4855.2	4822.9	4793.2	4733.8	4868.7
10°	3819.4	3824.8	3814.0	3948.9	4043.3	4024.4	3938.1	3927.3	3870.7	3849.1	3924.6
12.5°	3409.4	3336.6	3301.5	3258.4	3331.2	3379.8	3342.0	3315.0	3317.7	3344.7	3355.5
15°	3012.9	2967.1	2891.6	2843.0	2878.1	2853.8	2840.3	2894.3	2880.8	2875.4	2940.1
17.5°	2567.9	2605.6	2600.2	2546.3	2592.1	2573.3	2570.6	2532.8	2481.6	2443.8	2465.4
20°	2273.9	2344.0	2397.9	2400.6	2424.9	2422.2	2381.8	2265.8	2228.0	2219.9	2225.3
22.5°	2168.7	2206.4	2271.2	2362.9	2362.9	2319.7	2271.2	2136.3	2101.2	2063.5	2047.3
25°	2085.0	2157.9	2241.5	2252.3	2295.4	2255.0	2176.8	2109.3	2036.5	1985.2	1985.2
27.5°	2041.9	2122.8	2184.8	2203.7	2263.1	2230.7	2149.8	2063.5	1977.2	1974.5	1928.6
30°	2023.0	2098.5	2139.0	2184.8	2211.8	2160.6	2136.3	2044.6	1958.3	1936.7	1861.2
32.5°	1966.4	2074.3	2149.8	2139.0	2160.6	2139.0	2103.9	2028.4	1931.3	1882.7	1874.7
35°	1901.6	2009.5	2090.4	2147.1	2160.6	2114.7	2093.1	1990.6	1858.5	1834.2	1750.6
37.5°	1866.6	1931.3	2031.1	2122.8	2141.7	2117.4	2044.6	1939.4	1807.2	1780.2	1707.4
40°	1823.4	1907.0	1985.2	2060.8	2117.4	2058.1	1974.5	1872.0	1812.6	1731.7	1710.1
42.5°	1791.0	1885.4	1950.2	2033.8	2098.5	2020.3	1923.2	1853.1	1769.5	1715.5	1653.5
44°	1780.2	1866.6	1909.7	2012.2	2066.2	2006.8	1925.9	1853.1	1756.0	1707.4	1653.5
45°	1742.5	1861.2	1907.0	1998.7	2044.6	1996.0	1893.5	1820.7	1750.6	1691.2	1634.6
47.5°	1704.7	1785.6	1863.9	1936.7	1969.1	1952.9	1866.6	1777.5	1693.9	1658.9	1604.9
50°	1693.9	1774.9	1847.7	1915.1	1952.9	1920.5	1842.3	1756.0	1658.9	1602.2	1556.4
52.5°	1640.0	1739.8	1820.7	1842.3	1890.8	1872.0	1812.6	1718.2	1626.5	1577.9	1540.2
55°	1561.8	1667.0	1777.5	1804.5	1874.7	1845.0	1756.0	1667.0	1588.7	1515.9	1467.4
57.5°	1532.1	1634.6	1742.5	1777.5	1820.7	1772.2	1750.6	1656.2	1532.1	1494.3	1418.8
60°	1456.6	1586.0	1675.1	1756.0	1758.7	1745.2	1707.4	1599.5	1497.0	1426.9	1372.9
62.5°	1397.2	1518.6	1588.7	1664.3	1710.1	1672.4	1634.6	1534.8	1424.2	1346.0	1283.9
65°	1310.9	1421.5	1480.8	1526.7	1577.9	1572.6	1507.8	1435.0	1319.0	1257.0	1197.6
67.5°	1178.7	1275.8	1356.8	1399.9	1432.3	1424.2	1375.6	1324.4	1205.7	1143.7	1100.5
70°	1019.6	1119.4	1170.6	1194.9	1227.3	1243.5	1205.7	1181.4	1076.2	995.3	954.9
72.5°	820.0	884.7	960.3	981.8	995.3	1006.1	1006.1	984.5	876.6	844.3	774.1
75°	604.2	655.5	712.1	712.1	736.4	739.1	744.5	731.0	650.1	606.9	590.7
77.5°	410.0	447.8	493.6	512.5	528.7	526.0	523.3	485.5	442.4	423.5	407.3
80°	267.0	304.8	326.4	350.7	366.8	364.1	369.5	342.6	323.7	291.3	296.7
82.5°	159.1	188.8	210.4	240.1	240.1	248.2	248.2	240.1	221.2	205.0	205.0
85°	75.5	99.8	113.3	132.2	143.0	145.7	129.5	110.6	91.7	83.6	91.7
87.5°	13.5	18.9	27.0	24.3	29.7	27.0	27.0	27.0	27.0	21.6	24.3
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: P530940

CATALOG NUMBER: GALN-SA6B-722-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4	8240.4
2.5°	7323.3	7458.2	7552.6	7709.0	7978.7	8194.5	8415.7	8580.3	8599.1	8647.7
5°	6193.1	6265.9	6506.0	6818.9	7040.1	7404.2	7638.9	8065.1	8224.2	8394.1
7.5°	4836.3	4955.0	5276.0	5486.4	5971.9	6427.8	6899.8	7425.8	7636.2	7660.5
10°	4078.4	4251.0	4469.5	4806.7	5071.0	5578.1	6166.1	6751.5	6986.1	7026.6
12.5°	3582.1	3803.3	4094.6	4337.3	4590.9	5033.2	5597.0	6319.9	6624.7	6808.1
15°	3104.6	3333.9	3654.9	3992.1	4215.9	4744.6	5408.2	6222.8	6619.3	6781.1
17.5°	2613.7	2826.8	3091.2	3455.3	3905.8	4499.2	5378.5	6546.5	6980.7	7169.5
20°	2192.9	2311.6	2619.1	2994.1	3557.8	4248.3	5389.3	7023.9	7660.5	7744.1
22.5°	2028.4	2055.4	2176.8	2522.0	3139.7	3992.1	5580.8	7700.9	8423.8	8698.9
25°	1901.6	1896.2	1928.6	2160.6	2834.9	3892.3	5769.6	8324.0	9270.8	9570.2
27.5°	1831.5	1777.5	1780.2	1998.7	2619.1	3730.4	6012.4	9038.8	10231.0	10363.2
30°	1796.4	1785.6	1753.3	1842.3	2384.5	3487.7	6052.8	9742.8	10797.5	10989.0
32.5°	1774.9	1669.7	1629.2	1661.6	2163.3	3223.3	6203.9	10206.8	11498.8	11415.2
35°	1667.0	1572.6	1545.6	1577.9	2006.8	3075.0	6104.1	10611.4	12024.8	12165.0
37.5°	1626.5	1542.9	1488.9	1462.0	1861.2	2950.9	6052.8	11234.4	12534.6	12871.7
40°	1588.7	1499.7	1435.0	1408.0	1747.9	2786.4	6036.7	11714.6	13122.6	13324.9
42.5°	1545.6	1488.9	1416.1	1367.6	1610.3	2621.8	5850.5	11862.9	13303.3	13521.8
44°	1532.1	1445.8	1370.3	1354.1	1556.4	2538.2	5812.8	11997.8	13459.7	13791.5
45°	1518.6	1437.7	1351.4	1329.8	1537.5	2492.3	5761.5	12030.2	13718.7	13780.7
47.5°	1480.8	1429.6	1346.0	1286.6	1497.0	2392.5	5607.8	11846.7	13454.4	13465.1
50°	1451.2	1391.8	1305.5	1189.5	1443.1	2308.9	5677.9	11779.3	12817.8	12842.1
52.5°	1418.8	1329.8	1281.2	1081.6	1354.1	2238.8	5826.3	12084.1	12890.6	12885.2
55°	1381.0	1283.9	1165.3	989.9	1205.7	2149.8	6185.0	12685.6	13564.9	13656.7
57.5°	1321.7	1238.1	1068.1	909.0	1035.8	1979.9	6069.0	11533.8	12480.6	12496.8
60°	1243.5	1165.3	968.3	847.0	849.7	1561.8	5427.1	8987.6	9848.0	10082.7
62.5°	1168.0	1124.8	884.7	758.0	722.9	1243.5	4588.2	7468.9	8453.5	8647.7
65°	1078.9	973.7	811.9	690.5	620.4	871.2	3250.3	5580.8	6595.0	6856.6
67.5°	965.6	852.4	714.8	606.9	531.4	582.6	1677.7	3172.1	4199.8	4353.5
70°	844.3	739.1	601.5	512.5	428.9	401.9	739.1	1513.2	2295.4	2454.6
72.5°	693.2	596.1	480.1	404.6	321.0	277.8	248.2	404.6	814.6	946.8
75°	501.7	434.3	361.4	288.6	226.6	178.0	145.7	121.4	134.9	145.7
77.5°	369.5	315.6	267.0	205.0	159.1	126.8	99.8	75.5	72.8	70.1
80°	288.6	256.2	213.1	164.5	124.1	94.4	70.1	51.2	45.9	45.9
82.5°	226.6	210.4	175.3	134.9	102.5	75.5	51.2	35.1	29.7	29.7
85°	86.3	86.3	126.8	110.6	78.2	53.9	35.1	18.9	16.2	16.2
87.5°	21.6	21.6	21.6	21.6	18.9	16.2	16.2	8.1	5.4	5.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)