

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: P455657

Luminaire Tested: **GALN-SA6D-760-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P455657  
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-SA6D-760-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 5700K, 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: 39542 lumens  
Efficiency: N/A  
Efficacy: 107.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5

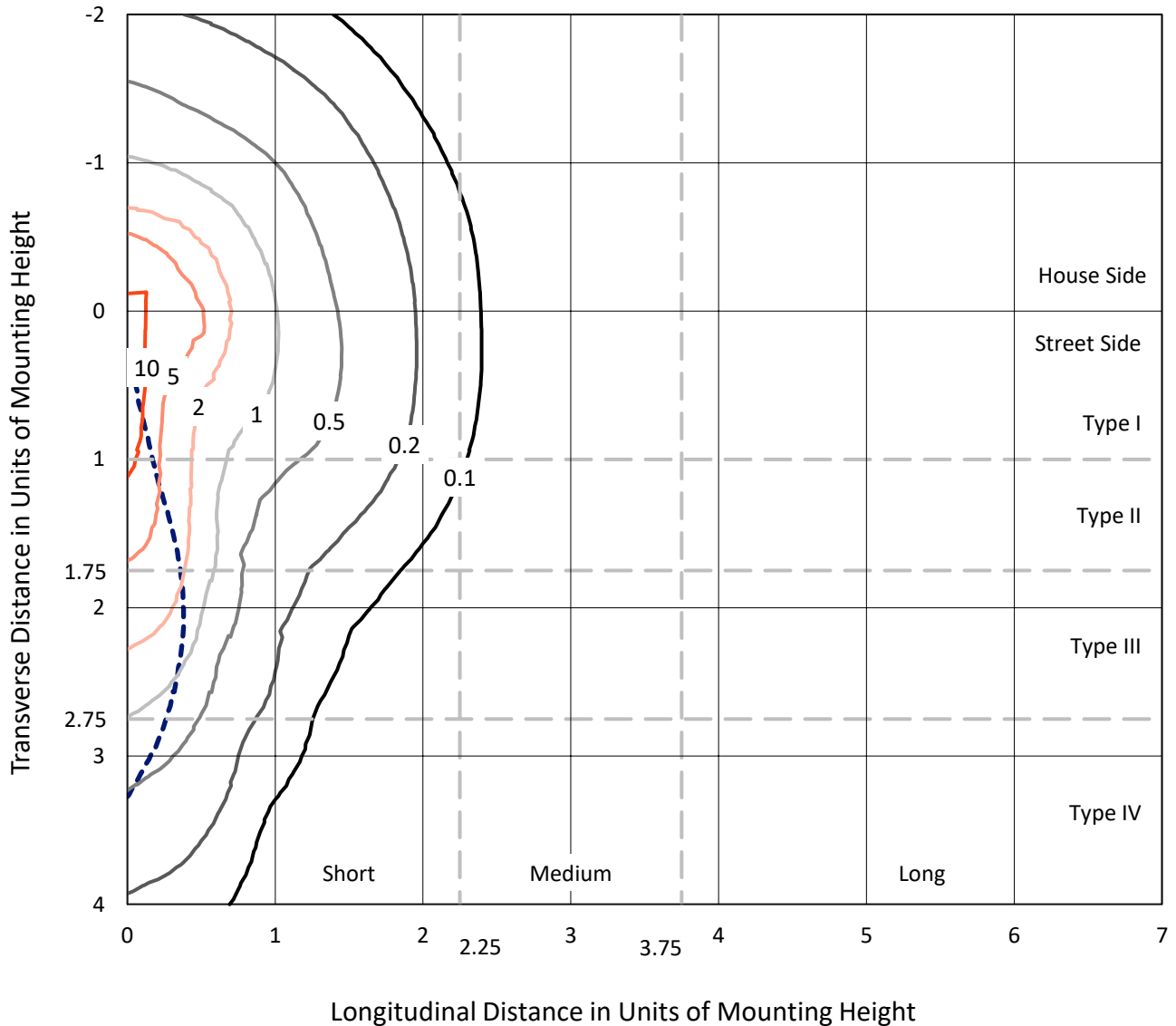
Input Watts (W): 368  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P455657  
 CATALOG NUMBER: GALN-SA6D-760-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

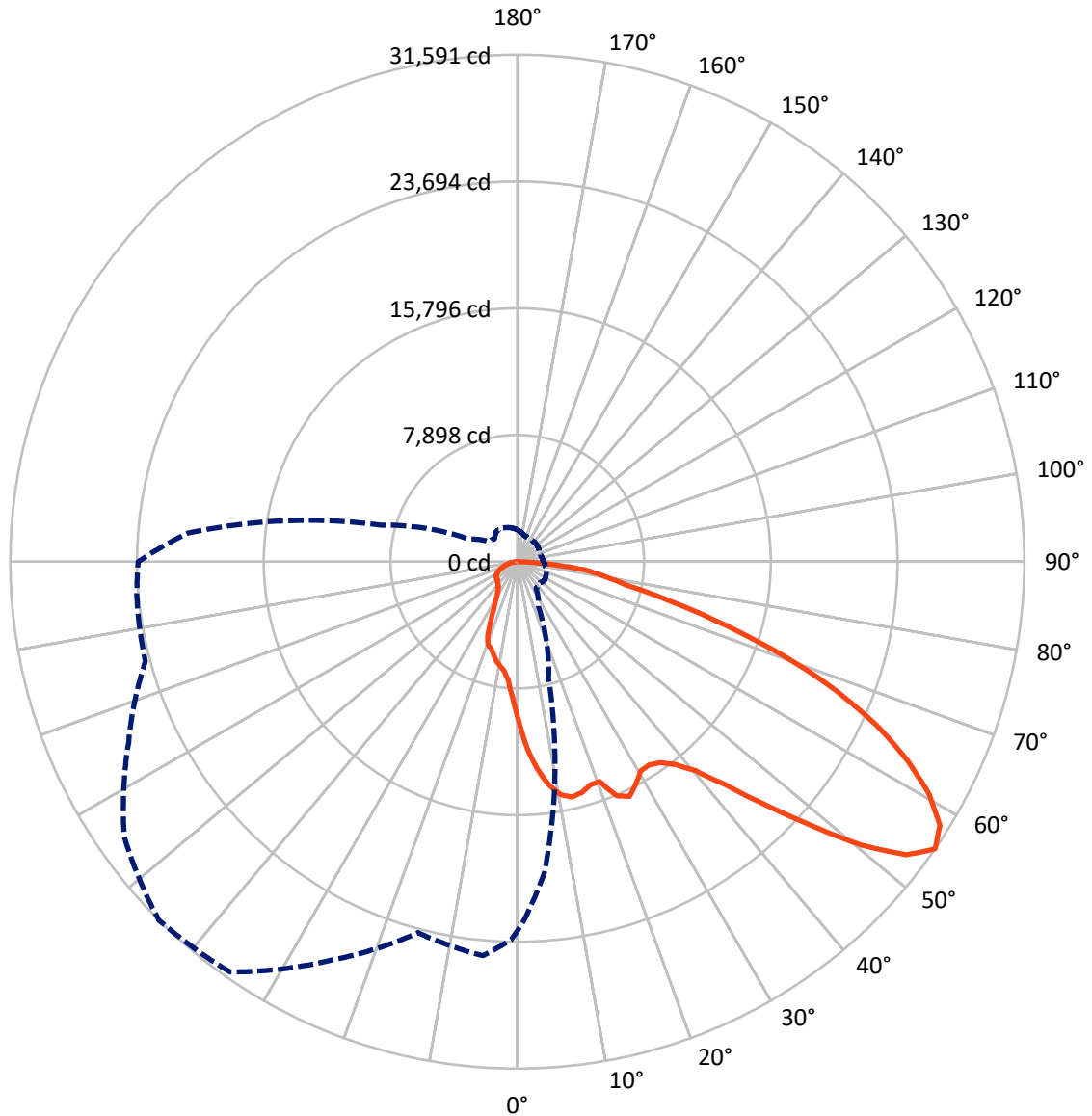
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17 fc  
 Type IV - Short - N/A

REPORT NUMBER: P455657  
CATALOG NUMBER: GALN-SA6D-760-U-SLR

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P455657

CATALOG NUMBER: GALN-SA6D-760-U-SLR

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8649.6	0.0	8649.6
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	30892.4	0.0	30892.4
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	39542.0	0.0	39542.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	841.1	2.1
10°-20°	2231.3	5.6
20°-30°	3854.7	9.7
30°-40°	4479.8	11.3
40°-50°	6250.2	15.8
50°-60°	8480.8	21.4
60°-70°	8068.5	20.4
70°-80°	4358.8	11.0
80°-90°	976.9	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°	39542.0	100.0
0°-180°	39542.0	100.0



REPORT NUMBER: P455657

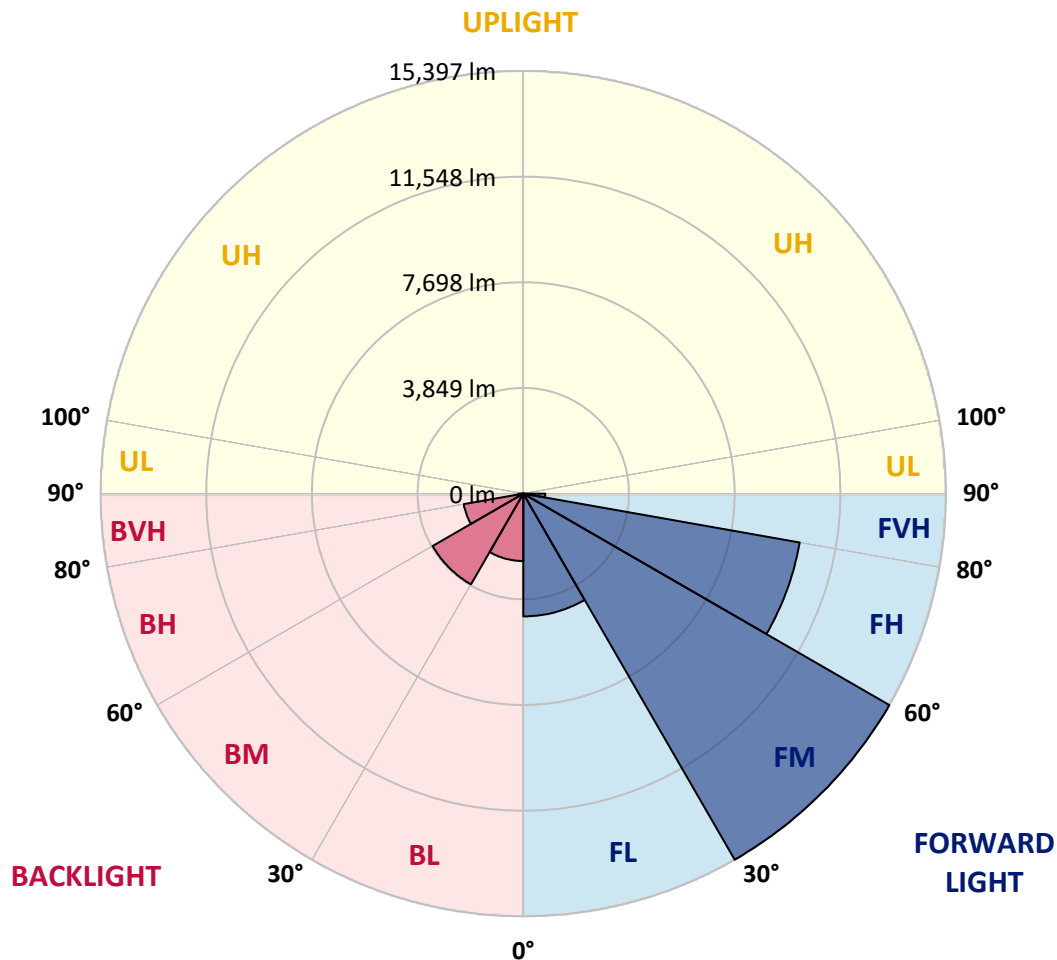
CATALOG NUMBER: GALN-SA6D-760-U-SLR

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4472.3	11.3			
FM	(30°-60°)	15396.8	38.9			
FH	(60°-80°)	10224.9	25.9			G4/12000
FVH	(80°-90°)	798.4	2.0			G5
BL	(0°-30°)	2454.8	6.2	B3/2500		
BM	(30°-60°)	3813.9	9.6	B3/5000		
BH	(60°-80°)	2202.4	5.6	B3/2500		G3/2500
BVH	(80°-90°)	178.5	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-G5**

Type IV Short





REPORT NUMBER: P455657

CATALOG NUMBER: GALN-SA6D-760-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5
2.5°	11024.4	10982.6	10865.2	10557.4	10247.0	9931.3	9688.7	9386.1	9070.5	8900.9	8684.4
5°	11175.7	11128.7	10852.2	10158.3	9529.6	8869.6	8342.6	7880.9	7693.1	7416.5	7194.8
7.5°	10820.9	10800.0	10385.2	9388.7	8527.8	7664.4	7067.0	6696.5	6360.0	6234.8	6260.9
10°	10497.4	10413.9	9894.8	8593.1	7588.7	6887.0	6459.1	6096.5	5859.1	5796.5	5809.6
12.5°	10228.7	10116.5	9503.5	8058.3	7179.1	6618.3	6073.1	5694.8	5478.3	5538.3	5741.8
15°	10173.9	10022.6	9339.1	7875.7	6954.8	6232.2	5634.8	5199.1	5037.4	5167.8	5493.9
17.5°	10528.7	10338.3	9620.9	7935.7	6740.9	5838.3	5105.2	4607.0	4471.3	4680.0	5105.2
20°	11668.7	11387.0	10500.0	8282.6	6720.0	5642.6	4797.4	4296.5	4353.9	4750.4	5193.9
22.5°	13776.5	13353.9	12039.2	8788.7	6829.6	5593.1	4734.8	4473.9	4789.6	5126.1	5418.3
25°	14193.9	13862.6	12315.7	8903.5	6806.1	5559.1	4912.2	5042.6	5394.8	5561.7	5460.0
27.5°	14428.7	14050.5	12297.4	8334.8	6086.1	5042.6	4695.7	4912.2	5000.9	4839.1	4562.6
30°	14976.6	14582.6	12607.9	7737.4	5011.3	3740.9	3279.1	3190.4	3250.4	3281.7	3182.6
32.5°	15730.5	15341.8	13192.2	7346.1	4333.1	3093.9	2640.0	2514.8	2486.1	2452.2	2413.0
35°	16706.1	16108.7	13766.1	7095.7	4053.9	2861.7	2444.4	2347.8	2308.7	2261.7	2220.0
37.5°	17697.4	17071.3	14491.3	6832.2	3868.7	2700.0	2313.9	2269.6	2201.7	2152.2	2092.2
40°	18751.3	18049.6	15151.3	6602.6	3688.7	2595.7	2220.0	2214.8	2126.1	2068.7	1998.3
42.5°	19664.4	18941.8	15740.9	6461.8	3550.4	2486.1	2162.6	2178.3	2087.0	2000.9	1909.6
45°	20389.6	19680.0	16286.1	6461.8	3438.3	2376.5	2152.2	2141.7	2050.4	1943.5	1839.1
47.5°	21026.1	20293.1	16818.3	6626.1	3367.8	2285.2	2094.8	2113.0	2019.1	1883.5	1781.7
50°	21519.2	20872.2	17535.7	6881.8	3297.4	2212.2	2021.7	2120.9	1993.0	1852.2	1734.8
52.5°	22147.9	21568.7	18399.2	7231.3	3237.4	2131.3	1956.5	2120.9	1990.4	1854.8	1727.0
55°	23019.2	22408.7	19440.0	7520.9	3140.9	2055.7	1899.1	2060.9	1982.6	1841.7	1706.1
57.5°	23629.6	23173.1	20175.7	7713.9	3002.6	1959.1	1847.0	2003.5	1948.7	1792.2	1643.5
58°	23658.3	23212.2	20282.6	7758.3	2968.7	1940.9	1833.9	1977.4	1933.0	1771.3	1622.6
60°	23329.6	22946.1	20303.5	7695.7	2775.7	1849.6	1766.1	1870.4	1849.6	1648.7	1510.4
62.5°	22134.8	21725.3	19460.9	7187.0	2520.0	1737.4	1661.7	1727.0	1680.0	1476.5	1348.7
65°	20436.6	19682.6	17728.7	6388.7	2337.4	1617.4	1520.9	1526.1	1476.5	1330.4	1218.3
67.5°	18174.8	17332.2	15010.5	5384.4	2199.1	1484.4	1353.9	1340.9	1280.9	1187.0	1095.7
70°	15391.3	14814.8	12198.3	4380.0	2045.2	1338.3	1166.1	1158.3	1121.7	1051.3	970.4
72.5°	12474.8	11741.8	9850.5	3506.1	1857.4	1197.4	991.3	1007.0	960.0	910.4	837.4
75°	9206.1	8726.1	7614.8	2812.2	1604.4	1043.5	827.0	832.2	811.3	759.1	701.7
77.5°	6062.6	5919.1	5447.0	1847.0	1233.9	829.6	675.7	680.9	665.2	618.3	558.3
80°	4080.0	3983.5	3691.3	1189.6	824.3	600.0	521.7	527.0	524.3	474.8	393.9
82.5°	2514.8	2473.0	2379.1	803.5	571.3	430.4	344.3	360.0	388.7	333.9	268.7
85°	1187.0	1189.6	1437.4	438.3	336.5	276.5	187.8	200.9	200.9	200.9	151.3
87.5°	153.9	161.7	198.3	185.2	122.6	104.3	67.8	57.4	49.6	65.2	47.0
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: P455657  
 CATALOG NUMBER: GALN-SA6D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5
2.5°	8608.7	8556.5	8444.4	8418.3	8402.6	8447.0	8329.6	8360.9	8308.7	8454.8	8431.3
5°	7207.8	7213.1	7304.4	7364.4	7385.2	7364.4	7286.1	7150.4	7046.1	7004.4	7014.8
7.5°	6211.3	6302.6	6459.1	6633.9	6793.1	6840.0	6795.7	6537.4	6255.7	6078.3	6020.9
10°	5880.0	6002.6	6182.6	6320.9	6461.8	6573.9	6597.4	6396.5	6062.6	5642.6	5478.3
12.5°	5898.3	6065.2	6237.4	6281.8	6268.7	6313.1	6292.2	6258.3	6039.1	5504.4	5230.4
15°	5726.1	5924.4	6044.4	6020.9	5979.1	5940.0	5885.2	5799.1	5720.9	5345.2	5042.6
17.5°	5329.6	5533.1	5632.2	5640.0	5640.0	5629.6	5496.5	5465.2	5454.8	5272.2	5087.0
20°	5402.6	5514.8	5470.4	5397.4	5418.3	5488.7	5410.4	5394.8	5454.8	5535.7	5501.7
22.5°	5444.4	5405.2	5071.3	4747.8	4674.8	4893.9	4938.3	5113.1	5355.7	5647.8	5838.3
25°	5186.1	4870.4	4273.1	3907.8	3701.7	3905.2	4171.3	4494.8	4857.4	5233.1	5454.8
27.5°	4335.7	4095.7	3667.8	3339.1	3159.1	3190.4	3417.4	3712.2	4048.7	4301.7	4463.5
30°	3266.1	3159.1	2937.4	2825.2	2715.7	2689.6	2786.1	2898.3	3047.0	3078.3	3120.0
32.5°	2405.2	2389.6	2402.6	2366.1	2345.2	2342.6	2313.9	2340.0	2355.7	2373.9	2337.4
35°	2175.7	2154.8	2118.3	2107.8	2094.8	2100.0	2087.0	2073.9	2084.4	2100.0	2110.4
37.5°	2058.3	2027.0	1974.8	1956.5	1956.5	1964.4	1943.5	1938.3	1956.5	2006.1	2032.2
40°	1967.0	1930.4	1870.4	1847.0	1862.6	1883.5	1854.8	1844.4	1888.7	1940.9	1982.6
42.5°	1880.9	1852.2	1794.8	1768.7	1781.7	1820.9	1779.1	1771.3	1828.7	1886.1	1935.7
45°	1807.8	1779.1	1727.0	1713.9	1719.1	1755.7	1727.0	1727.0	1781.7	1844.4	1888.7
47.5°	1750.4	1713.9	1680.0	1669.6	1674.8	1695.7	1690.4	1690.4	1742.6	1807.8	1852.2
50°	1693.0	1661.7	1617.4	1622.6	1635.7	1664.4	1661.7	1669.6	1721.7	1802.6	1849.6
52.5°	1667.0	1620.0	1570.4	1575.7	1614.8	1648.7	1638.3	1646.1	1706.1	1857.4	1925.2
55°	1638.3	1575.7	1518.3	1526.1	1570.4	1620.0	1607.0	1617.4	1687.8	1893.9	1987.8
57.5°	1583.5	1510.4	1447.8	1453.0	1518.3	1570.4	1549.6	1562.6	1646.1	1854.8	1953.9
58°	1560.0	1497.4	1437.4	1440.0	1502.6	1560.0	1536.5	1547.0	1633.0	1844.4	1938.3
60°	1460.9	1424.4	1372.2	1374.8	1434.8	1484.4	1471.3	1481.7	1565.2	1768.7	1839.1
62.5°	1325.2	1304.4	1291.3	1291.3	1327.8	1374.8	1387.8	1400.9	1476.5	1599.1	1661.7
65°	1179.1	1179.1	1181.7	1181.7	1205.2	1265.2	1273.0	1307.0	1377.4	1437.4	1484.4
67.5°	1080.0	1074.8	1080.0	1067.0	1077.4	1113.9	1153.0	1184.4	1257.4	1299.1	1314.8
70°	952.2	949.6	952.2	933.9	947.0	978.3	1004.3	1056.5	1132.2	1163.5	1171.3
72.5°	827.0	827.0	832.2	819.1	819.1	853.0	871.3	928.7	999.1	1017.4	1020.0
75°	696.5	704.3	704.3	686.1	691.3	712.2	735.7	782.6	847.8	860.9	860.9
77.5°	553.0	581.7	581.7	563.5	571.3	573.9	605.2	628.7	678.3	683.5	662.6
80°	401.7	430.4	453.9	438.3	451.3	435.7	453.9	469.6	519.1	495.7	461.7
82.5°	287.0	307.8	326.1	328.7	315.7	287.0	310.4	313.0	336.5	305.2	287.0
85°	159.1	177.4	200.9	190.4	169.6	151.3	159.1	164.3	161.7	153.9	143.5
87.5°	41.7	44.3	49.6	36.5	33.9	28.7	39.1	39.1	44.3	47.0	44.3
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: P455657

CATALOG NUMBER: GALN-SA6D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5
2.5°	8449.6	8564.4	8812.2	9000.0	9229.6	9508.7	9837.4	10168.7	10526.1	10638.3	10794.8
5°	6991.3	7278.3	7398.3	7740.0	8079.1	8587.8	9130.5	9759.1	10447.8	10779.2	11097.4
7.5°	5973.9	6127.8	6253.1	6503.5	6910.4	7528.7	8209.6	8994.8	9970.5	10453.1	10920.0
10°	5426.1	5441.7	5595.7	5906.1	6260.9	6806.1	7450.4	8329.6	9417.4	10004.4	10552.2
12.5°	5063.5	4995.7	5162.6	5486.1	5887.8	6391.3	6983.5	7820.9	9018.3	9620.9	10283.5
15°	4745.2	4638.3	4763.5	5094.8	5491.3	6083.5	6720.0	7607.0	8861.8	9563.5	10299.2
17.5°	4753.1	4458.3	4502.6	4781.7	5175.7	5778.3	6550.4	7599.1	9099.1	9907.8	10779.2
20°	5340.0	4867.8	4667.0	4719.1	5100.0	5757.4	6628.7	7964.4	9879.1	11058.3	11989.6
22.5°	5916.5	5632.2	5308.7	5201.7	5410.4	6099.1	7127.0	8827.8	11574.8	13351.3	15033.9
25°	5715.7	5958.3	5877.4	5726.1	5773.1	6344.4	7466.1	9537.4	12892.2	14893.1	16473.9
27.5°	4573.1	5013.9	5102.6	5100.0	5118.3	5587.8	6714.8	9060.0	13056.5	15187.9	16698.3
30°	3213.9	3253.0	3300.0	3391.3	3474.8	3894.8	5253.9	7953.9	12983.5	15320.9	16833.9
32.5°	2319.1	2371.3	2436.5	2561.7	2760.0	3294.8	4596.5	7601.8	13369.6	15871.3	17230.5
35°	2120.9	2180.9	2243.5	2387.0	2574.8	3070.4	4335.7	7455.7	14003.5	16763.5	17942.6
37.5°	2058.3	2126.1	2180.9	2285.2	2436.5	2908.7	4098.3	7356.5	14653.1	17707.9	18897.4
40°	2013.9	2092.2	2136.5	2220.0	2324.4	2760.0	3887.0	7278.3	15281.8	18571.3	19664.4
42.5°	1974.8	2055.7	2113.0	2173.0	2259.1	2627.0	3699.1	7200.0	15827.0	19408.7	20428.7
45°	1927.8	2029.6	2102.6	2149.6	2225.2	2514.8	3555.7	7137.4	16447.9	20152.2	21200.9
47.5°	1888.7	2000.9	2092.2	2147.0	2175.7	2436.5	3440.9	7223.5	17193.9	20929.6	21918.3
50°	1891.3	1998.3	2113.0	2199.1	2123.5	2371.3	3370.4	7565.2	18164.4	21853.1	22484.4
52.5°	1974.8	2105.2	2196.5	2217.4	2050.4	2293.0	3333.9	8162.6	19312.2	22669.6	23055.7
55°	2068.7	2204.4	2303.5	2290.4	2011.3	2193.9	3326.1	8799.1	20569.6	23621.8	23799.2
57.5°	2034.8	2233.0	2384.4	2316.5	2013.9	2097.4	3292.2	9313.1	21620.9	24334.0	24534.8
58°	2024.4	2222.6	2394.8	2311.3	2006.1	2068.7	3284.4	9357.4	21767.0	24383.5	24639.2
60°	1922.6	2131.3	2387.0	2272.2	1961.7	1990.4	3198.3	9500.9	21727.9	24127.9	24701.8
62.5°	1737.4	1909.6	2207.0	2081.7	1826.1	1886.1	3005.2	9323.5	20668.7	22896.6	23786.1
65°	1528.7	1656.5	1854.8	1831.3	1633.0	1779.1	2741.7	8621.8	18547.9	20898.3	21834.8
67.5°	1372.2	1476.5	1601.7	1567.8	1468.7	1635.7	2457.4	7434.8	16168.7	18498.3	19677.4
70°	1213.0	1293.9	1356.5	1333.0	1301.7	1494.8	2204.4	6033.9	13888.7	16218.3	17360.9
72.5°	1051.3	1127.0	1179.1	1145.2	1127.0	1346.1	1998.3	4682.6	10969.6	13380.0	14848.7
75°	879.1	954.8	991.3	952.2	941.7	1187.0	1693.0	3498.3	8230.5	10314.8	11582.6
77.5°	680.9	761.7	808.7	795.7	800.9	975.7	1367.0	2394.8	5885.2	7030.4	8366.1
80°	477.4	566.1	597.4	584.3	620.9	743.5	965.2	1520.9	4059.1	4562.6	5504.4
82.5°	294.8	378.3	383.5	396.5	422.6	550.4	727.8	926.1	2548.7	2634.8	3318.3
85°	148.7	180.0	193.0	213.9	237.4	336.5	414.8	573.9	1640.9	1241.7	1854.8
87.5°	49.6	52.2	62.6	78.3	96.5	138.3	177.4	234.8	407.0	224.3	573.9
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: P455657

CATALOG NUMBER: GALN-SA6D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5	9923.5
2.5°	11110.5	11332.2	11493.9	11642.6	11499.2	11486.1	11345.2	11118.3	11024.4	11024.4
5°	11765.2	12284.4	12704.4	12973.1	12858.3	12581.8	12125.2	11543.5	11230.5	11175.7
7.5°	11945.2	12970.5	13750.5	14027.0	13833.9	13223.5	12349.6	11368.7	10920.0	10820.9
10°	11835.7	13168.7	14313.9	14752.2	14483.5	13560.0	12367.8	11165.2	10612.2	10497.4
12.5°	11720.9	13194.8	14418.3	15052.2	14877.4	13831.3	12500.9	11032.2	10393.1	10228.7
15°	11804.4	13205.2	14290.5	14945.2	15057.4	14157.4	12720.0	11128.7	10348.7	10173.9
17.5°	12331.3	13403.5	14107.9	14637.4	15031.3	14600.9	13343.5	11590.5	10745.2	10528.7
20°	13432.2	13878.3	14212.2	14621.8	15255.7	15506.1	14619.2	12858.3	11859.2	11668.7
22.5°	16620.0	16539.2	15855.7	15847.9	16766.1	17770.5	17710.5	15435.7	13933.1	13776.5
25°	17814.8	17439.2	16450.5	16210.5	16614.8	18164.4	17940.0	15962.6	14574.8	14193.9
27.5°	17347.9	16416.6	15767.0	15712.2	15579.2	17042.6	17582.6	16176.6	14799.2	14428.7
30°	17319.2	15949.6	15020.9	15130.5	15258.3	16656.6	17780.9	16847.0	15373.1	14976.6
32.5°	17389.6	16014.8	15075.7	15096.6	15477.4	16713.9	18000.0	17577.4	16127.0	15730.5
35°	17673.9	16385.2	15425.2	15375.7	15970.5	17089.6	18373.1	18725.3	17157.4	16706.1
37.5°	18133.1	17123.5	16064.4	16051.3	16914.8	17767.9	18837.4	19883.5	18182.6	17697.4
40°	18808.7	17987.0	17201.8	17131.3	18198.3	18871.3	19440.0	21117.4	19374.8	18751.3
42.5°	19625.3	19022.6	18701.8	18980.9	20006.1	20110.5	20379.2	22257.4	20389.6	19664.4
45°	20381.8	20353.1	20799.2	21540.0	22137.4	21511.3	21360.0	23021.8	21177.4	20389.6
47.5°	21281.8	22059.2	23405.3	24490.5	25116.6	23141.8	22197.4	23520.0	21751.3	21026.1
50°	22194.8	24101.8	26251.4	27764.4	27897.4	24913.1	22774.0	23989.6	22273.1	21519.2
52.5°	23154.8	25732.2	28594.0	30352.2	30094.0	26454.8	23332.2	24307.9	22810.5	22147.9
55°	23989.6	26731.4	29903.5	31591.4	31213.1	27394.0	23934.8	24652.2	23577.4	23019.2
57.5°	24456.6	26814.8	29577.4	31051.4	30641.8	27211.4	24211.4	24907.9	24067.9	23629.6
58°	24524.4	26702.7	29287.9	30738.3	30320.9	27057.4	24208.7	24897.4	24099.2	23658.3
60°	24464.4	25974.8	28210.5	29501.8	29063.5	26092.2	24109.6	24701.8	23702.7	23329.6
62.5°	23908.7	24712.2	26350.5	27289.6	27164.4	24584.4	23702.7	23963.5	22494.8	22134.8
65°	23178.3	22990.5	23968.7	24634.0	24727.9	23454.8	23298.3	22367.0	20945.3	20436.6
67.5°	22291.3	21039.2	21036.6	21414.8	21571.3	21717.4	22455.7	20632.2	18712.2	18174.8
70°	20786.1	18031.3	17201.8	17647.9	17517.4	18751.3	20950.5	18195.7	16020.0	15391.3
72.5°	18026.1	14308.7	12980.9	13554.8	13226.1	14705.2	18331.3	14973.9	13247.0	12474.8
75°	14611.3	10703.5	9333.9	9860.9	9657.4	11154.8	15253.1	10875.7	9500.9	9206.1
77.5°	11345.2	7755.7	6960.0	6887.0	7038.3	8300.9	11188.7	7343.5	6263.5	6062.6
80°	7288.7	5551.3	5598.3	5504.4	5582.6	5233.1	6793.1	4685.2	4241.7	4080.0
82.5°	4797.4	3868.7	4612.2	4257.4	4043.5	3519.1	4455.7	3067.8	2603.5	2514.8
85°	3268.7	2848.7	2593.0	1982.6	2334.8	2710.4	3341.7	1651.3	1309.6	1187.0
87.5°	1476.5	991.3	727.8	448.7	709.6	819.1	1622.6	193.0	148.7	153.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)