

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: P530992

Luminaire Tested: **GALN-SA6B-730-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530992
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-730-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3000K, 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: 22886 lumens
Efficiency: N/A
Efficacy: 94.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

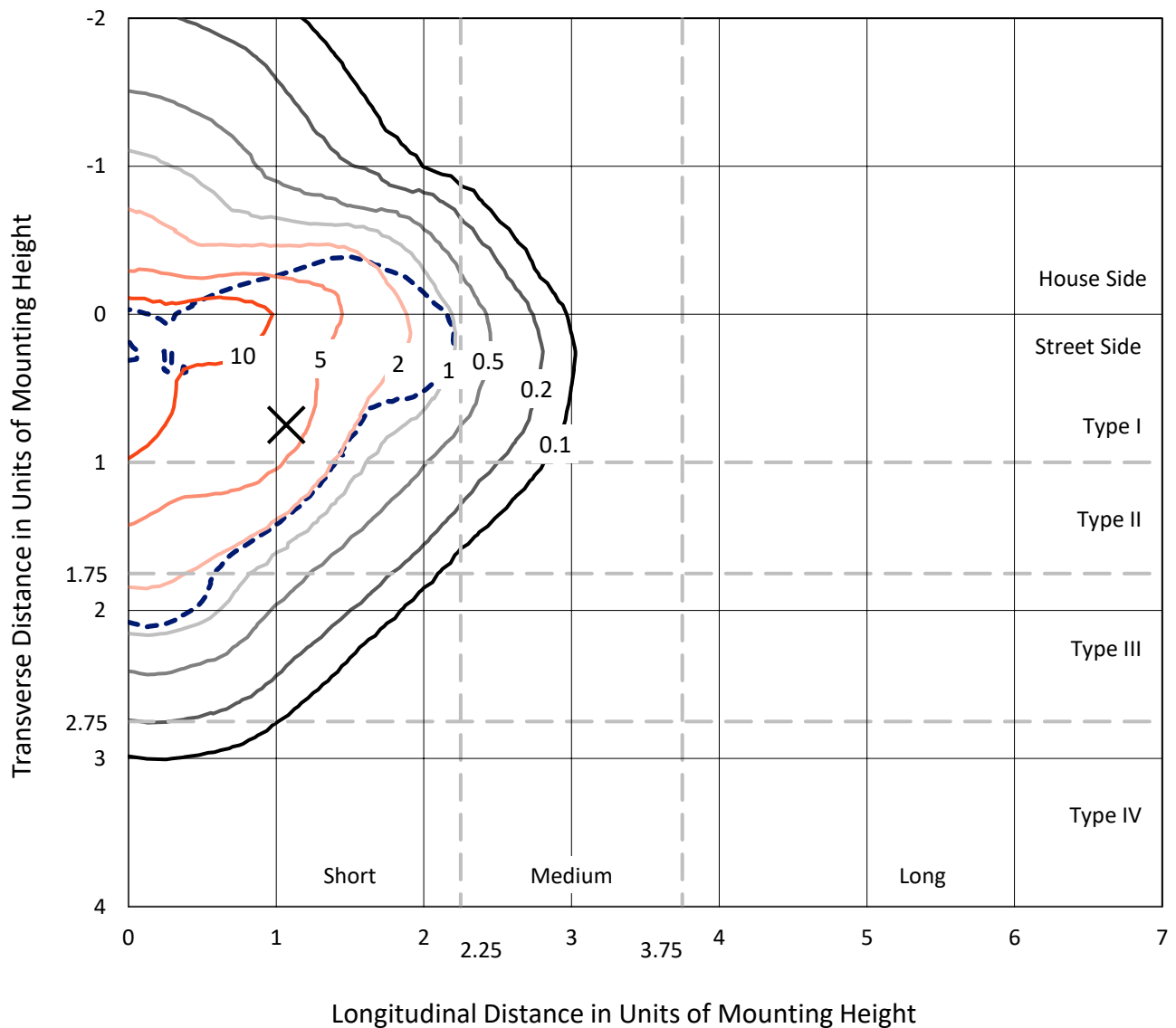
Input Watts (W): 243
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

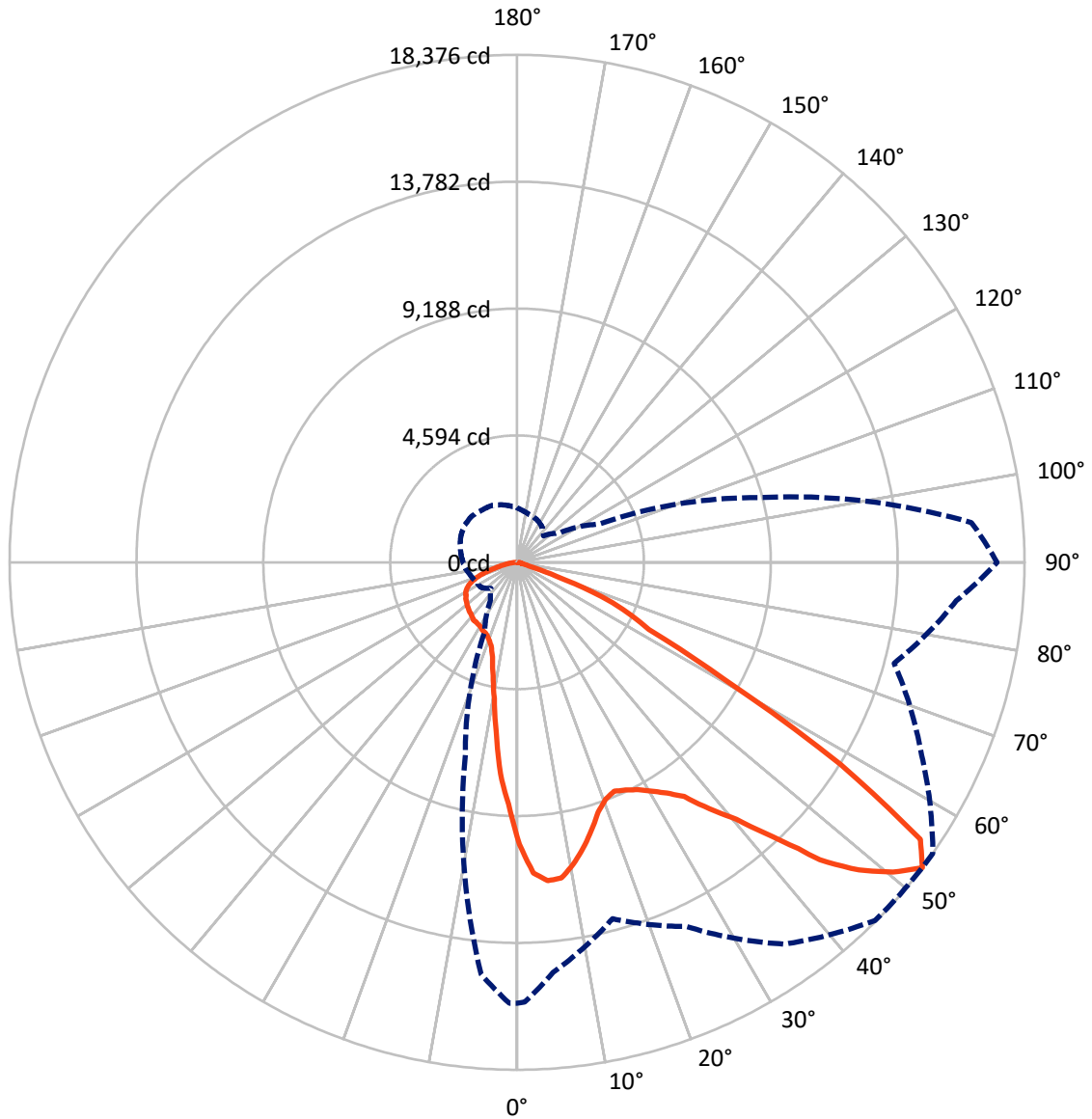
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.4 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
House Side	Lumens	6981.5	0.0	6981.5
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	15904.5	0.0	15904.5
	% Fixture	69.5	0.0	69.5
Total	Lumens	22886.0	0.0	22886.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	779.9	3.4
10°-20°	1681.7	7.3
20°-30°	2549.9	11.1
30°-40°	3684.3	16.1
40°-50°	4923.2	21.5
50°-60°	5495.4	24.0
60°-70°	3014.5	13.2
70°-80°	651.7	2.8
80°-90°	105.4	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°	22886.0	100.0
0°-180°	22886.0	100.0

Coefficient of Utilization



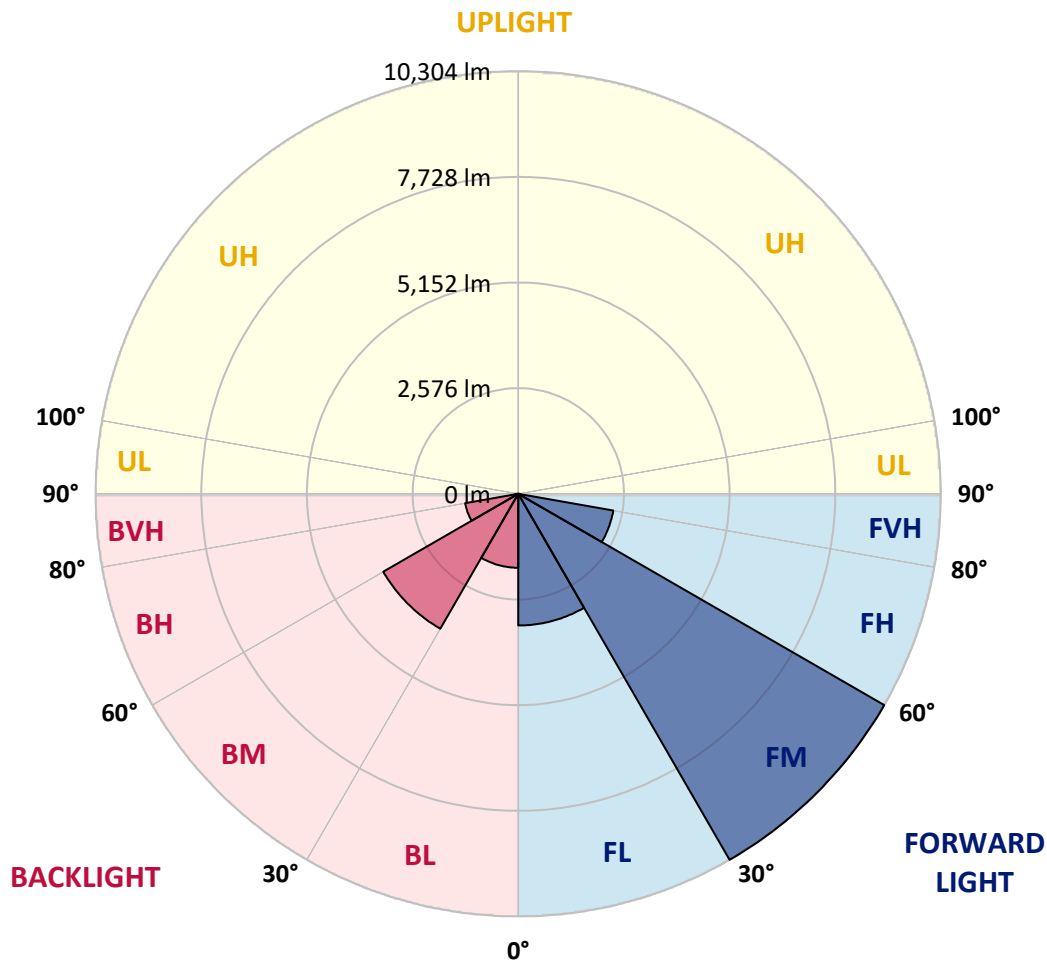
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3209.0	14.0			
FM (30°-60°)	10304.4	45.0			
FH (60°-80°)	2352.1	10.3			G2/5000
FVH (80°-90°)	39.0	0.2			G1/100
BL (0°-30°)	1802.5	7.9	B3/2500		
BM (30°-60°)	3798.5	16.6	B3/5000		
BH (60°-80°)	1314.1	5.7	B3/2500		G3/2500
BVH (80°-90°)	66.4	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°	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9
2.5°	10713.5	10653.4	10706.8	10960.8	11107.8	11208.1	11271.6	11261.6	11021.0	10787.0	10787.0
5°	10399.4	10322.5	10432.8	11007.6	11585.7	11635.8	11719.4	11582.4	11228.1	10800.4	10265.7
7.5°	9490.5	9547.3	9731.1	10486.3	11238.2	11615.8	11716.0	11542.3	10967.5	10168.8	9383.5
10°	8705.2	8838.8	9263.2	10078.6	10770.3	11261.6	11371.8	11127.9	10673.4	9694.3	8992.5
12.5°	8434.5	8350.9	8822.1	9637.5	10299.2	10563.1	10613.3	10630.0	10322.5	9453.7	8598.2
15°	8401.1	8454.5	8822.1	9440.3	9848.0	9861.4	9944.9	10075.3	10115.4	9617.4	8782.0
17.5°	8882.3	8818.8	9196.4	9687.6	9493.8	9300.0	9320.0	9507.2	9838.0	9757.8	9360.1
20°	9594.1	9737.7	10035.2	9985.0	9463.7	8972.5	8975.8	9152.9	9804.6	10339.3	10165.5
22.5°	10777.0	10917.4	11137.9	10533.1	9463.7	8875.6	8762.0	9002.6	10018.4	11031.0	11074.4
25°	11856.4	12113.7	12173.9	11462.1	9938.2	8965.8	8892.3	9129.6	10232.3	11706.0	12117.0
27.5°	12838.9	12932.4	13196.4	12060.2	10202.2	9026.0	9019.3	9323.4	10503.0	12043.5	13049.4
30°	13614.1	13604.1	13754.5	12437.8	10623.3	9363.5	9039.3	9614.1	10857.2	12601.6	13911.5
32.5°	14142.1	14255.7	14573.2	12962.5	10800.4	9684.3	9430.3	9955.0	11288.3	12865.6	14519.7
35°	15071.1	15268.3	14867.3	13253.2	11361.8	10001.7	9704.3	10419.5	11502.2	13153.0	15264.9
37.5°	15946.6	15796.3	15388.6	13410.3	11726.1	10589.9	10312.5	11318.4	12167.2	13777.9	15759.5
40°	16508.1	16504.7	15779.6	13537.3	11983.4	11488.8	11472.1	12230.7	12982.5	14172.2	16314.2
42.5°	16752.0	16985.9	15940.0	13523.9	12524.7	12578.2	12915.7	13594.1	13560.7	14252.4	16300.9
44°	17086.2	17226.5	16217.3	13554.0	12885.6	13313.4	14108.7	14539.8	14065.3	14209.0	16284.2
45°	17072.8	17082.8	15823.0	13594.1	13193.1	13928.3	14640.0	15368.5	14509.7	14115.4	16504.7
47.5°	16681.8	16568.2	15488.8	13296.7	14152.1	15552.3	16210.6	16651.7	15057.7	13914.9	16230.7
50°	15909.9	15779.6	14676.8	13169.7	14352.6	16561.5	17470.5	17630.9	15555.7	13717.7	15960.0
52.5°	15963.4	15926.6	14907.4	13360.2	14553.2	16879.0	18336.0	18376.1	16120.4	14132.1	15963.4
55°	16919.1	16792.1	15569.0	13597.4	14406.1	16508.1	17784.6	17714.4	15929.9	13881.5	16257.4
57.5°	15482.1	15565.7	14653.4	12658.4	12608.3	13420.3	13981.7	13807.9	13293.3	12528.1	15124.6
60°	12491.3	12728.6	12815.5	10586.5	9513.9	9096.1	8929.1	8621.6	8708.5	10292.5	13286.6
62.5°	10713.5	10700.2	11244.9	9597.4	6232.3	5360.1	5279.9	5350.1	6352.6	10132.1	13012.6
65°	8494.6	8721.9	8889.0	8133.7	4932.4	3980.0	3976.6	4421.1	5497.1	8467.9	10506.3
67.5°	5393.5	5690.9	5898.1	5203.0	3298.3	2833.8	2756.9	3291.6	3809.6	5553.9	6325.9
70°	3041.0	3181.3	3274.9	3000.9	2098.6	1470.4	1383.5	1510.5	2302.4	3595.7	3749.4
72.5°	1172.9	1236.4	1363.4	1373.4	792.0	474.5	384.3	461.2	969.1	1423.6	1356.7
75°	180.5	193.8	274.0	327.5	227.2	173.8	183.8	190.5	270.7	367.6	307.4
77.5°	86.9	86.9	83.5	96.9	113.6	123.6	133.7	147.0	160.4	177.1	170.4
80°	56.8	56.8	56.8	66.8	83.5	100.3	113.6	120.3	127.0	140.4	133.7
82.5°	36.8	36.8	36.8	50.1	66.8	83.5	90.2	106.9	120.3	140.4	130.3
85°	20.1	20.1	20.1	33.4	50.1	70.2	66.8	53.5	30.1	3.3	6.7
87.5°	6.7	6.7	6.7	6.7	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



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9
2.5°	10506.3	10352.6	10339.3	10025.1	9744.4	9607.4	9497.1	9189.7	9256.5	9079.4	9076.1
5°	9998.4	9684.3	9176.3	8758.6	8340.9	8257.4	7893.1	7575.7	7585.7	7358.4	7398.5
7.5°	9086.1	8868.9	8250.7	7595.7	7041.0	6646.7	6302.5	6095.3	5831.3	5741.1	5694.3
10°	8508.0	8240.7	7545.6	6723.5	6102.0	5891.4	5560.6	5376.8	5106.1	4972.5	4878.9
12.5°	8254.0	7863.0	6994.2	6158.8	5744.4	5527.2	5246.5	4912.3	4591.5	4467.9	4297.4
15°	8280.8	7812.9	6833.8	5931.5	5433.6	5012.6	4761.9	4391.0	4063.5	3846.3	3722.7
17.5°	8685.1	8117.0	6907.3	5757.8	5042.6	4514.7	4023.4	3622.4	3361.8	3198.0	3157.9
20°	9640.8	8868.9	7031.0	5477.1	4651.7	3993.3	3388.5	2970.8	2770.3	2766.9	2770.3
22.5°	10436.2	9670.9	7281.6	5310.0	4260.7	3325.0	2723.5	2589.8	2549.7	2633.3	2643.3
25°	11508.9	10573.2	7712.7	5223.1	3899.8	2833.8	2462.8	2412.7	2409.4	2516.3	2519.6
27.5°	12608.3	11361.8	7970.0	4969.1	3532.2	2579.8	2305.8	2295.8	2349.2	2462.8	2452.8
30°	13356.8	12023.5	8434.5	4665.0	3097.8	2355.9	2242.3	2255.7	2329.2	2416.1	2429.4
32.5°	14229.0	12675.1	8554.8	4497.9	2830.4	2168.8	2088.6	2118.6	2212.2	2349.2	2422.7
35°	15228.2	13136.3	8738.6	4270.7	2730.2	2025.1	1985.0	2018.4	2132.0	2222.2	2302.4
37.5°	15966.7	13951.6	8772.0	4093.6	2619.9	1944.9	1881.4	1991.7	2058.5	2185.5	2225.6
40°	16514.7	14543.1	8858.9	3983.3	2533.0	1841.3	1841.3	1914.8	2005.0	2122.0	2202.2
42.5°	16865.6	14974.2	8922.4	3883.1	2365.9	1811.2	1794.5	1868.0	1988.3	2101.9	2138.7
44°	17079.5	15158.0	8858.9	3789.5	2319.1	1774.4	1774.4	1837.9	1931.5	2065.2	2108.6
45°	17133.0	15388.6	8718.5	3786.2	2262.3	1731.0	1724.3	1844.6	1908.1	2071.9	2098.6
47.5°	17340.1	15672.6	8735.2	3679.2	2125.3	1627.4	1744.4	1797.8	1854.6	1998.3	2088.6
50°	17333.5	15849.7	8698.5	3522.2	2025.1	1510.5	1704.3	1764.4	1821.2	1968.3	2005.0
52.5°	17380.2	16511.4	9036.0	3271.5	1844.6	1360.1	1570.6	1704.3	1774.4	1898.1	1975.0
55°	17356.8	16889.0	9370.2	3084.4	1590.7	1269.9	1457.0	1614.0	1714.3	1844.6	1881.4
57.5°	15853.1	14927.4	8671.7	2733.5	1316.6	1162.9	1296.6	1520.5	1647.5	1781.1	1827.9
60°	12952.5	11505.5	7151.3	2011.7	1082.7	1069.3	1206.4	1490.4	1543.9	1660.8	1741.0
62.5°	11970.0	10092.0	5670.9	1537.2	925.7	979.1	1112.8	1346.7	1430.3	1573.9	1647.5
65°	9366.8	6703.5	3512.1	1039.3	815.4	878.9	1005.9	1179.6	1316.6	1450.3	1537.2
67.5°	5547.2	3662.5	1737.7	728.5	711.8	778.6	908.9	1039.3	1196.3	1343.4	1386.8
70°	3020.9	1801.2	741.9	554.7	604.8	665.0	792.0	882.2	1032.6	1146.2	1219.7
72.5°	969.1	548.0	370.9	411.0	461.2	531.3	608.2	718.5	825.4	892.2	952.4
75°	233.9	230.6	264.0	287.4	334.2	387.6	451.1	507.9	591.5	655.0	708.4
77.5°	163.7	177.1	203.8	237.3	254.0	274.0	314.1	357.6	394.3	441.1	474.5
80°	127.0	137.0	157.1	173.8	190.5	207.2	227.2	243.9	267.3	297.4	314.1
82.5°	120.3	127.0	147.0	157.1	150.4	147.0	160.4	167.1	170.4	180.5	190.5
85°	10.0	0.0	6.7	23.4	56.8	83.5	90.2	90.2	86.9	93.6	93.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	13.4	10.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9
2.5°	9036.0	8922.4	8965.8	9019.3	8942.4	8765.3	8812.1	8792.0	8972.5	8959.1	9139.6
5°	7575.7	7398.5	7418.6	7679.3	7595.7	7685.9	7505.5	7482.1	7515.5	7532.2	7562.3
7.5°	5797.9	5774.5	5975.0	6195.5	6299.1	6192.2	6015.1	5975.0	5938.2	5864.7	6031.8
10°	4731.9	4738.5	4725.2	4892.3	5009.2	4985.8	4878.9	4865.5	4795.4	4768.6	4862.2
12.5°	4223.9	4133.7	4090.3	4036.8	4127.0	4187.2	4140.4	4107.0	4110.3	4143.7	4157.1
15°	3732.7	3675.9	3582.3	3522.2	3565.6	3535.5	3518.8	3585.7	3568.9	3562.3	3642.5
17.5°	3181.3	3228.1	3221.4	3154.6	3211.4	3188.0	3184.7	3137.9	3074.4	3027.6	3054.3
20°	2817.1	2903.9	2970.8	2974.1	3004.2	3000.9	2950.7	2807.0	2760.3	2750.2	2756.9
22.5°	2686.7	2733.5	2813.7	2927.3	2927.3	2873.9	2813.7	2646.6	2603.2	2556.4	2536.4
25°	2583.1	2673.4	2777.0	2790.3	2843.8	2793.7	2696.8	2613.2	2523.0	2459.5	2459.5
27.5°	2529.7	2629.9	2706.8	2730.2	2803.7	2763.6	2663.3	2556.4	2449.5	2446.1	2389.3
30°	2506.3	2599.9	2650.0	2706.8	2740.2	2676.7	2646.6	2533.0	2426.1	2399.3	2305.8
32.5°	2436.1	2569.8	2663.3	2650.0	2676.7	2650.0	2606.5	2513.0	2392.7	2332.5	2322.5
35°	2355.9	2489.6	2589.8	2660.0	2676.7	2619.9	2593.2	2466.2	2302.4	2272.4	2168.8
37.5°	2312.5	2392.7	2516.3	2629.9	2653.3	2623.2	2533.0	2402.7	2238.9	2205.5	2115.3
40°	2259.0	2362.6	2459.5	2553.1	2623.2	2549.7	2446.1	2319.1	2245.6	2145.4	2118.6
42.5°	2218.9	2335.9	2416.1	2519.6	2599.9	2502.9	2382.6	2295.8	2192.2	2125.3	2048.5
44°	2205.5	2312.5	2365.9	2492.9	2559.8	2486.2	2386.0	2295.8	2175.5	2115.3	2048.5
45°	2158.7	2305.8	2362.6	2476.2	2533.0	2472.9	2345.9	2255.7	2168.8	2095.3	2025.1
47.5°	2112.0	2212.2	2309.1	2399.3	2439.4	2419.4	2312.5	2202.2	2098.6	2055.2	1988.3
50°	2098.6	2198.8	2289.1	2372.6	2419.4	2379.3	2282.4	2175.5	2055.2	1985.0	1928.2
52.5°	2031.8	2155.4	2255.7	2282.4	2342.5	2319.1	2245.6	2128.7	2015.1	1954.9	1908.1
55°	1934.9	2065.2	2202.2	2235.6	2322.5	2285.7	2175.5	2065.2	1968.3	1878.0	1817.9
57.5°	1898.1	2025.1	2158.7	2202.2	2255.7	2195.5	2168.8	2051.8	1898.1	1851.3	1757.7
60°	1804.5	1964.9	2075.2	2175.5	2178.8	2162.1	2115.3	1981.6	1854.6	1767.8	1700.9
62.5°	1731.0	1881.4	1968.3	2061.8	2118.6	2071.9	2025.1	1901.4	1764.4	1667.5	1590.7
65°	1624.1	1761.1	1834.6	1891.4	1954.9	1948.2	1868.0	1777.8	1634.1	1557.2	1483.7
67.5°	1460.3	1580.6	1680.9	1734.3	1774.4	1764.4	1704.3	1640.8	1493.7	1416.9	1363.4
70°	1263.2	1386.8	1450.3	1480.4	1520.5	1540.5	1493.7	1463.7	1333.3	1233.1	1183.0
72.5°	1015.9	1096.1	1189.6	1216.4	1233.1	1246.5	1246.5	1219.7	1086.1	1046.0	959.1
75°	748.5	812.0	882.2	882.2	912.3	915.6	922.3	905.6	805.4	751.9	731.8
77.5°	507.9	554.7	611.5	634.9	655.0	651.6	648.3	601.5	548.0	524.6	504.6
80°	330.8	377.6	404.3	434.4	454.5	451.1	457.8	424.4	401.0	360.9	367.6
82.5°	197.2	233.9	260.7	297.4	297.4	307.4	307.4	297.4	274.0	254.0	254.0
85°	93.6	123.6	140.4	163.7	177.1	180.5	160.4	137.0	113.6	103.6	113.6
87.5°	16.7	23.4	33.4	30.1	36.8	33.4	33.4	33.4	33.4	26.7	30.1
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: P530992

CATALOG NUMBER: GALN-SA6B-730-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9	10208.9
2.5°	9072.7	9239.8	9356.8	9550.6	9884.8	10152.1	10426.1	10630.0	10653.4	10713.5
5°	7672.6	7762.8	8060.2	8447.8	8721.9	9173.0	9463.7	9991.7	10188.9	10399.4
7.5°	5991.7	6138.7	6536.4	6797.0	7398.5	7963.3	8548.1	9199.7	9460.4	9490.5
10°	5052.7	5266.5	5537.2	5954.9	6282.4	6910.7	7639.2	8364.3	8655.0	8705.2
12.5°	4437.8	4711.8	5072.7	5373.5	5687.6	6235.6	6934.0	7829.6	8207.2	8434.5
15°	3846.3	4130.4	4528.0	4945.7	5223.1	5878.1	6700.1	7709.3	8200.6	8401.1
17.5°	3238.1	3502.1	3829.6	4280.7	4838.8	5574.0	6663.4	8110.3	8648.3	8882.3
20°	2716.8	2863.8	3244.8	3709.3	4407.7	5263.2	6676.7	8701.8	9490.5	9594.1
22.5°	2513.0	2546.4	2696.8	3124.5	3889.8	4945.7	6914.0	9540.6	10436.2	10777.0
25°	2355.9	2349.2	2389.3	2676.7	3512.1	4822.1	7147.9	10312.5	11485.5	11856.4
27.5°	2269.0	2202.2	2205.5	2476.2	3244.8	4621.6	7448.7	11198.1	12675.1	12838.9
30°	2225.6	2212.2	2172.1	2282.4	2954.1	4320.8	7498.8	12070.3	13376.9	13614.1
32.5°	2198.8	2068.5	2018.4	2058.5	2680.1	3993.3	7685.9	12645.0	14245.7	14142.1
35°	2065.2	1948.2	1914.8	1954.9	2486.2	3809.6	7562.3	13146.3	14897.3	15071.1
37.5°	2015.1	1911.5	1844.6	1811.2	2305.8	3655.8	7498.8	13918.2	15528.9	15946.6
40°	1968.3	1858.0	1777.8	1744.4	2165.4	3452.0	7478.7	14513.0	16257.4	16508.1
42.5°	1914.8	1844.6	1754.4	1694.2	1995.0	3248.1	7248.2	14696.8	16481.3	16752.0
44°	1898.1	1791.2	1697.6	1677.5	1928.2	3144.5	7201.4	14863.9	16675.1	17086.2
45°	1881.4	1781.1	1674.2	1647.5	1904.8	3087.7	7137.9	14904.0	16995.9	17072.8
47.5°	1834.6	1771.1	1667.5	1594.0	1854.6	2964.1	6947.4	14676.8	16668.5	16681.8
50°	1797.8	1724.3	1617.4	1473.7	1787.8	2860.5	7034.3	14593.3	15879.8	15909.9
52.5°	1757.7	1647.5	1587.3	1340.0	1677.5	2773.6	7218.1	14970.9	15970.0	15963.4
55°	1711.0	1590.7	1443.6	1226.4	1493.7	2663.3	7662.5	15716.1	16805.5	16919.1
57.5°	1637.4	1533.8	1323.3	1126.2	1283.2	2452.8	7518.8	14289.2	15462.1	15482.1
60°	1540.5	1443.6	1199.7	1049.3	1052.6	1934.9	6723.5	11134.6	12200.6	12491.3
62.5°	1447.0	1393.5	1096.1	939.0	895.6	1540.5	5684.2	9253.2	10472.9	10713.5
65°	1336.7	1206.4	1005.9	855.5	768.6	1079.4	4026.8	6914.0	8170.5	8494.6
67.5°	1196.3	1056.0	885.6	751.9	658.3	721.8	2078.5	3929.9	5203.0	5393.5
70°	1046.0	915.6	745.2	634.9	531.3	497.9	915.6	1874.7	2843.8	3041.0
72.5°	858.8	738.5	594.8	501.3	397.7	344.2	307.4	501.3	1009.2	1172.9
75°	621.6	538.0	447.8	357.6	280.7	220.6	180.5	150.4	167.1	180.5
77.5°	457.8	391.0	330.8	254.0	197.2	157.1	123.6	93.6	90.2	86.9
80°	357.6	317.5	264.0	203.8	153.7	117.0	86.9	63.5	56.8	56.8
82.5°	280.7	260.7	217.2	167.1	127.0	93.6	63.5	43.4	36.8	36.8
85°	106.9	106.9	157.1	137.0	96.9	66.8	43.4	23.4	20.1	20.1
87.5°	26.7	26.7	26.7	26.7	23.4	20.1	20.1	10.0	6.7	6.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)