

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: P529614

Luminaire Tested: **GALN-SA4D-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P529614
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-SA4D-735-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3500K, 1200mA 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: 21230.9 lumens
Efficiency: N/A
Efficacy: 86.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

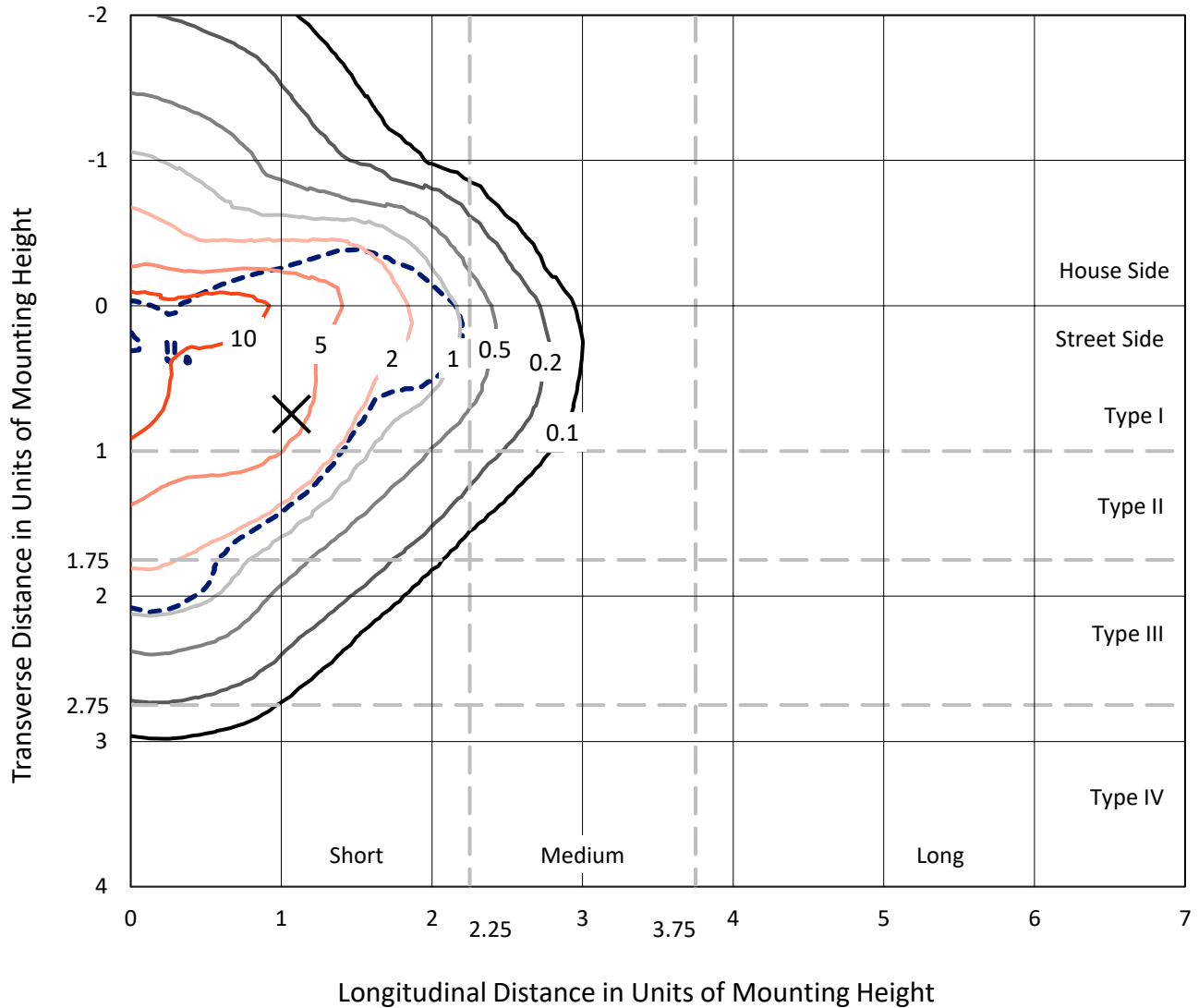
Input Watts (W): 245
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

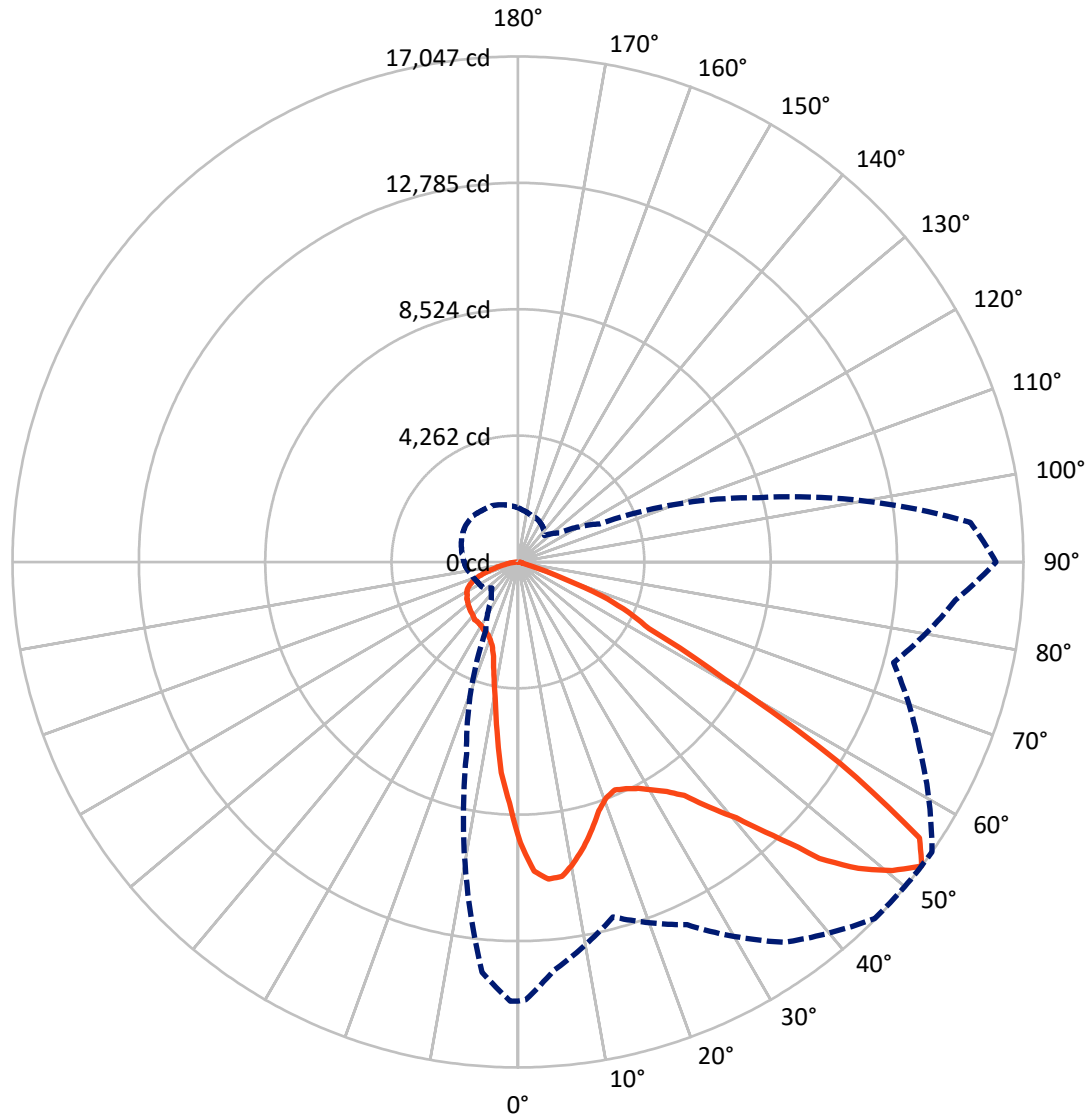
✕ Max cd
 - - - 1/2 Max cd



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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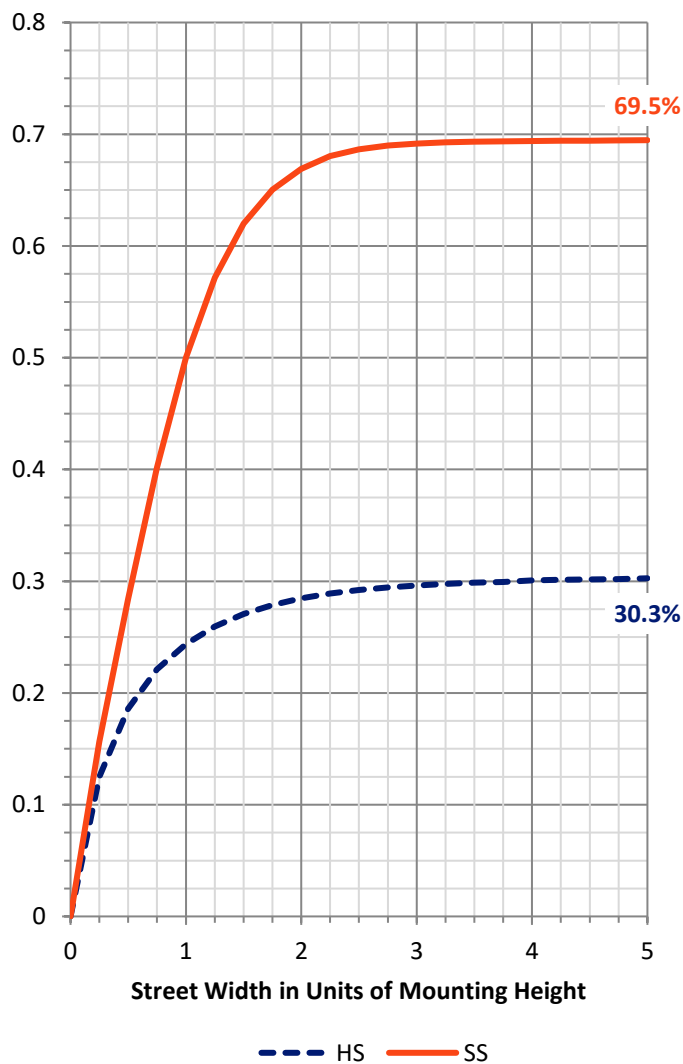
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6476.6	0.0	6476.6
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	14754.4	0.0	14754.4
	% Fixture	69.5	0.0	69.5
Total	Lumens	21230.9	0.0	21230.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	723.5	3.4
10°-20°	1560.1	7.3
20°-30°	2365.5	11.1
30°-40°	3417.8	16.1
40°-50°	4567.2	21.5
50°-60°	5098.0	24.0
60°-70°	2796.5	13.2
70°-80°	604.6	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°	21230.9	100.0
0°-180°	21230.9	100.0

Coefficient of Utilization



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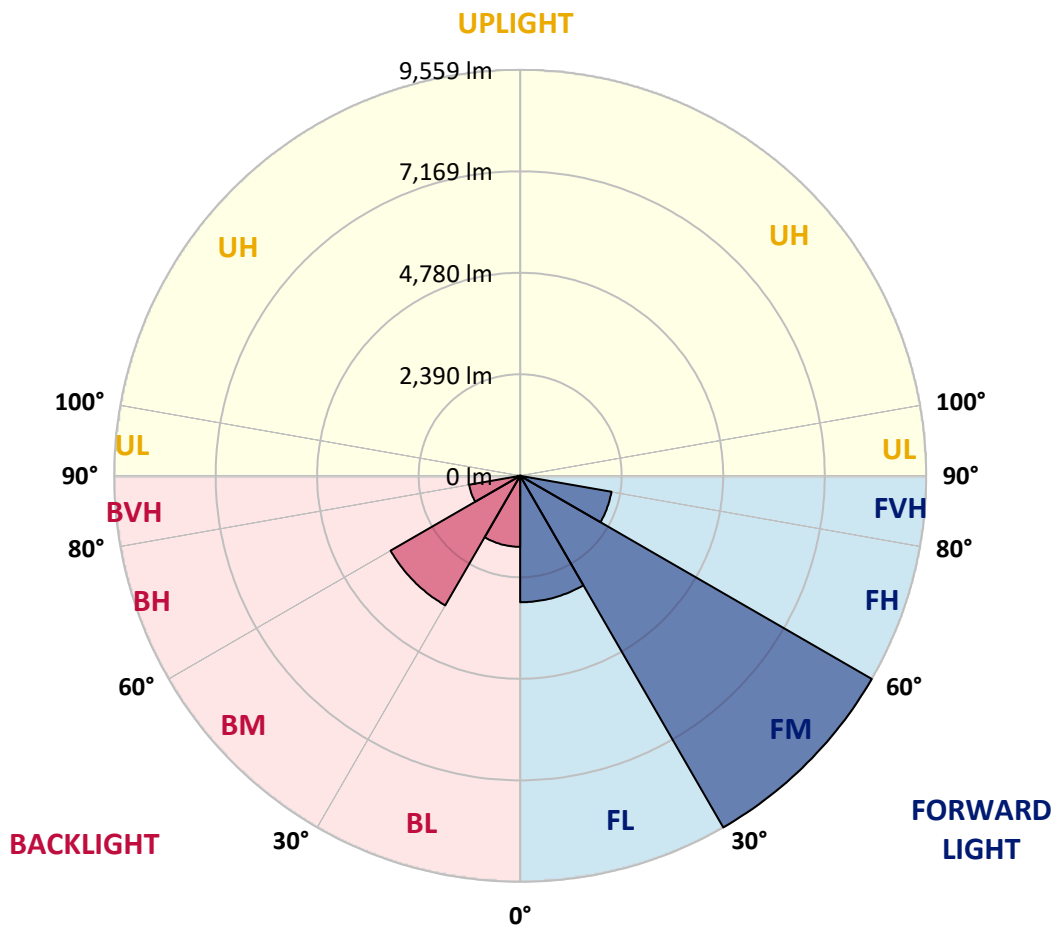
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2977.0	14.0			
FM (30°-60°)	9559.2	45.0			
FH (60°-80°)	2182.0	10.3			G2/5000
FVH (80°-90°)	36.2	0.2			G1/100
BL (0°-30°)	1672.2	7.9	B3/2500		
BM (30°-60°)	3523.8	16.6	B3/5000		
BH (60°-80°)	1219.0	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°	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7
2.5°	9938.8	9883.0	9932.6	10168.2	10304.6	10397.6	10456.5	10447.2	10224.0	10007.0	10007.0
5°	9647.4	9576.1	9678.4	10211.6	10747.9	10794.4	10871.9	10744.8	10416.2	10019.4	9523.4
7.5°	8804.2	8856.9	9027.4	9728.0	10425.5	10775.8	10868.8	10707.6	10174.4	9433.5	8705.0
10°	8075.6	8199.6	8593.4	9349.8	9991.5	10447.2	10549.5	10323.2	9901.6	8993.3	8342.2
12.5°	7824.5	7747.0	8184.1	8940.6	9554.4	9799.3	9845.8	9861.3	9576.1	8770.1	7976.4
15°	7793.5	7843.1	8184.1	8757.7	9135.9	9148.3	9225.8	9346.7	9383.9	8922.0	8146.9
17.5°	8239.9	8181.0	8531.4	8987.1	8807.3	8627.5	8646.1	8819.7	9126.6	9052.2	8683.3
20°	8900.3	9033.6	9309.5	9263.0	8779.4	8323.6	8326.7	8491.1	9095.6	9591.6	9430.4
22.5°	9997.7	10127.9	10332.5	9771.4	8779.4	8233.7	8128.3	8351.5	9294.0	10233.3	10273.6
25°	10999.0	11237.7	11293.5	10633.2	9219.6	8317.4	8249.2	8469.4	9492.4	10859.5	11240.8
27.5°	11910.4	11997.2	12242.1	11188.1	9464.5	8373.2	8367.0	8649.2	9743.5	11172.6	12105.7
30°	12629.6	12620.3	12759.8	11538.4	9855.1	8686.4	8385.6	8918.9	10072.1	11690.3	12905.5
32.5°	13119.4	13224.8	13519.3	12025.1	10019.4	8984.0	8748.4	9235.1	10472.0	11935.2	13469.7
35°	13981.2	14164.2	13792.1	12294.8	10540.2	9278.5	9002.6	9666.0	10670.4	12201.8	14161.1
37.5°	14793.5	14654.0	14275.8	12440.5	10878.1	9824.1	9566.8	10499.9	11287.3	12781.5	14619.9
40°	15314.3	15311.2	14638.5	12558.3	11116.8	10658.0	10642.5	11346.2	12043.7	13147.3	15134.5
42.5°	15540.6	15757.6	14787.3	12545.9	11619.0	11668.6	11981.7	12611.0	12580.0	13221.7	15122.1
44°	15850.6	15980.8	15044.6	12573.8	11953.8	12350.6	13088.4	13488.3	13048.1	13181.4	15106.6
45°	15838.2	15847.5	14678.8	12611.0	12239.0	12921.0	13581.3	14257.2	13460.4	13094.6	15311.2
47.5°	15475.5	15370.1	14368.8	12335.1	13128.7	14427.7	15038.4	15447.6	13968.8	12908.6	15057.0
50°	14759.4	14638.5	13615.4	12217.3	13314.7	15363.9	16207.1	16355.9	14430.8	12725.7	14805.9
52.5°	14809.0	14774.9	13829.3	12394.0	13500.7	15658.4	17010.0	17047.2	14954.7	13110.1	14809.0
55°	15695.6	15577.8	14443.2	12614.1	13364.3	15314.3	16498.5	16433.4	14778.0	12877.6	15081.8
57.5°	14362.6	14440.1	13593.7	11743.0	11696.5	12449.8	12970.6	12809.4	12332.0	11622.1	14030.8
60°	11588.0	11808.1	11888.7	9821.0	8825.9	8438.3	8283.3	7998.1	8078.7	9548.2	12325.8
62.5°	9938.8	9926.4	10431.7	8903.4	5781.6	4972.5	4898.1	4963.2	5893.2	9399.4	12071.6
65°	7880.3	8091.1	8246.1	7545.5	4575.7	3692.2	3689.1	4101.4	5099.6	7855.5	9746.6
67.5°	5003.5	5279.4	5471.6	4826.8	3059.8	2628.8	2557.5	3053.6	3534.1	5152.3	5868.4
70°	2821.1	2951.3	3038.1	2783.8	1946.8	1364.0	1283.4	1401.2	2135.9	3335.7	3478.3
72.5°	1088.1	1147.0	1264.8	1274.1	734.7	440.2	356.5	427.8	899.0	1320.6	1258.6
75°	167.4	179.8	254.2	303.8	210.8	161.2	170.5	176.7	251.1	341.0	285.2
77.5°	80.6	80.6	77.5	89.9	105.4	114.7	124.0	136.4	148.8	164.3	158.1
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°	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7
2.5°	9746.6	9604.0	9591.6	9300.2	9039.8	8912.7	8810.4	8525.2	8587.2	8422.8	8419.7
5°	9275.4	8984.0	8512.8	8125.2	7737.7	7660.2	7322.3	7027.8	7037.1	6826.3	6863.5
7.5°	8429.0	8227.5	7654.0	7046.4	6531.8	6166.0	5846.7	5654.5	5409.6	5325.9	5282.5
10°	7892.7	7644.7	6999.9	6237.3	5660.7	5465.4	5158.5	4988.0	4736.9	4612.9	4526.1
12.5°	7657.1	7294.4	6488.4	5713.4	5329.0	5127.5	4867.1	4557.1	4259.5	4144.8	3986.7
15°	7681.9	7247.9	6339.6	5502.6	5040.7	4650.1	4417.6	4073.5	3769.7	3568.2	3453.5
17.5°	8057.0	7530.0	6407.8	5341.4	4678.0	4188.2	3732.5	3360.5	3118.7	2966.8	2929.6
20°	8943.7	8227.5	6522.5	5081.0	4315.3	3704.6	3143.5	2755.9	2569.9	2566.8	2569.9
22.5°	9681.5	8971.6	6755.0	4926.0	3952.6	3084.6	2526.5	2402.5	2365.3	2442.8	2452.1
25°	10676.6	9808.6	7154.9	4845.4	3617.8	2628.8	2284.7	2238.2	2235.1	2334.3	2337.4
27.5°	11696.5	10540.2	7393.6	4609.8	3276.8	2393.2	2139.0	2129.7	2179.3	2284.7	2275.4
30°	12390.9	11154.0	7824.5	4327.7	2873.8	2185.5	2080.1	2092.5	2160.7	2241.3	2253.7
32.5°	13200.0	11758.5	7936.1	4172.7	2625.7	2011.9	1937.5	1965.4	2052.2	2179.3	2247.5
35°	14127.0	12186.3	8106.6	3961.9	2532.7	1878.6	1841.4	1872.4	1977.8	2061.5	2135.9
37.5°	14812.1	12942.7	8137.6	3797.6	2430.4	1804.2	1745.3	1847.6	1909.6	2027.4	2064.6
40°	15320.5	13491.4	8218.2	3695.3	2349.8	1708.1	1708.1	1776.3	1860.0	1968.5	2042.9
42.5°	15646.0	13891.3	8277.1	3602.3	2194.8	1680.2	1664.7	1732.9	1844.5	1949.9	1984.0
44°	15844.4	14061.8	8218.2	3515.5	2151.4	1646.1	1646.1	1705.0	1791.8	1915.8	1956.1
45°	15894.0	14275.8	8088.0	3512.4	2098.7	1605.8	1599.6	1711.2	1770.1	1922.0	1946.8
47.5°	16086.2	14539.3	8103.5	3413.2	1971.6	1509.7	1618.2	1667.8	1720.5	1853.8	1937.5
50°	16080.0	14703.6	8069.4	3267.5	1878.6	1401.2	1581.0	1636.8	1689.5	1825.9	1860.0
52.5°	16123.4	15317.4	8382.5	3035.0	1711.2	1261.7	1457.0	1581.0	1646.1	1760.8	1832.1
55°	16101.7	15667.7	8692.6	2861.4	1475.6	1178.0	1351.6	1497.3	1590.3	1711.2	1745.3
57.5°	14706.7	13847.9	8044.6	2535.8	1221.4	1078.8	1202.8	1410.5	1528.3	1652.3	1695.7
60°	12015.8	10673.5	6634.1	1866.2	1004.4	992.0	1119.1	1382.6	1432.2	1540.7	1615.1
62.5°	11104.4	9362.2	5260.8	1426.0	858.7	908.3	1032.3	1249.3	1326.8	1460.1	1528.3
65°	8689.5	6218.7	3258.2	964.1	756.4	815.3	933.1	1094.3	1221.4	1345.4	1426.0
67.5°	5146.1	3397.7	1612.0	675.8	660.3	722.3	843.2	964.1	1109.8	1246.2	1286.5
70°	2802.4	1670.9	688.2	514.6	561.1	616.9	734.7	818.4	957.9	1063.3	1131.5
72.5°	899.0	508.4	344.1	381.3	427.8	492.9	564.2	666.5	765.7	827.7	883.5
75°	217.0	213.9	244.9	266.6	310.0	359.6	418.5	471.2	548.7	607.6	657.2
77.5°	151.9	164.3	189.1	220.1	235.6	254.2	291.4	331.7	365.8	409.2	440.2
80°	117.8	127.1	145.7	161.2	176.7	192.2	210.8	226.3	248.0	275.9	291.4
82.5°	111.6	117.8	136.4	145.7	139.5	136.4	148.8	155.0	158.1	167.4	176.7
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°	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7
2.5°	8382.5	8277.1	8317.4	8367.0	8295.7	8131.4	8174.8	8156.2	8323.6	8311.2	8478.7
5°	7027.8	6863.5	6882.1	7123.9	7046.4	7130.1	6962.7	6941.0	6972.0	6987.5	7015.4
7.5°	5378.6	5356.9	5542.9	5747.5	5843.6	5744.4	5580.1	5542.9	5508.8	5440.6	5595.6
10°	4389.7	4395.9	4383.5	4538.5	4647.0	4625.3	4526.1	4513.7	4448.6	4423.8	4510.6
12.5°	3918.5	3834.8	3794.5	3744.9	3828.6	3884.4	3841.0	3810.0	3813.1	3844.1	3856.5
15°	3462.8	3410.1	3323.3	3267.5	3307.8	3279.9	3264.4	3326.4	3310.9	3304.7	3379.1
17.5°	2951.3	2994.7	2988.5	2926.5	2979.2	2957.5	2954.4	2911.0	2852.1	2808.6	2833.5
20°	2613.3	2693.9	2755.9	2759.0	2786.9	2783.8	2737.3	2604.0	2560.6	2551.3	2557.5
22.5°	2492.4	2535.8	2610.2	2715.6	2715.6	2666.0	2610.2	2455.2	2414.9	2371.5	2352.9
25°	2396.3	2480.0	2576.1	2588.5	2638.1	2591.6	2501.7	2424.2	2340.5	2281.6	2281.6
27.5°	2346.7	2439.7	2511.0	2532.7	2600.9	2563.7	2470.7	2371.5	2272.3	2269.2	2216.5
30°	2325.0	2411.8	2458.3	2511.0	2542.0	2483.1	2455.2	2349.8	2250.6	2225.8	2139.0
32.5°	2259.9	2383.9	2470.7	2458.3	2483.1	2458.3	2418.0	2331.2	2219.6	2163.8	2154.5
35°	2185.5	2309.5	2402.5	2467.6	2483.1	2430.4	2405.6	2287.8	2135.9	2108.0	2011.9
37.5°	2145.2	2219.6	2334.3	2439.7	2461.4	2433.5	2349.8	2228.9	2077.0	2046.0	1962.3
40°	2095.6	2191.7	2281.6	2368.4	2433.5	2365.3	2269.2	2151.4	2083.2	1990.2	1965.4
42.5°	2058.4	2166.9	2241.3	2337.4	2411.8	2321.9	2210.3	2129.7	2033.6	1971.6	1900.3
44°	2046.0	2145.2	2194.8	2312.6	2374.6	2306.4	2213.4	2129.7	2018.1	1962.3	1900.3
45°	2002.6	2139.0	2191.7	2297.1	2349.8	2294.0	2176.2	2092.5	2011.9	1943.7	1878.6
47.5°	1959.2	2052.2	2142.1	2225.8	2263.0	2244.4	2145.2	2042.9	1946.8	1906.5	1844.5
50°	1946.8	2039.8	2123.5	2201.0	2244.4	2207.2	2117.3	2018.1	1906.5	1841.4	1788.7
52.5°	1884.8	1999.5	2092.5	2117.3	2173.1	2151.4	2083.2	1974.7	1869.3	1813.5	1770.1
55°	1794.9	1915.8	2042.9	2073.9	2154.5	2120.4	2018.1	1915.8	1825.9	1742.2	1686.4
57.5°	1760.8	1878.6	2002.6	2042.9	2092.5	2036.7	2011.9	1903.4	1760.8	1717.4	1630.6
60°	1674.0	1822.8	1925.1	2018.1	2021.2	2005.7	1962.3	1838.3	1720.5	1639.9	1577.9
62.5°	1605.8	1745.3	1825.9	1912.7	1965.4	1922.0	1878.6	1763.9	1636.8	1546.9	1475.6
65°	1506.6	1633.7	1701.9	1754.6	1813.5	1807.3	1732.9	1649.2	1515.9	1444.6	1376.4
67.5°	1354.7	1466.3	1559.3	1608.9	1646.1	1636.8	1581.0	1522.1	1385.7	1314.4	1264.8
70°	1171.8	1286.5	1345.4	1373.3	1410.5	1429.1	1385.7	1357.8	1236.9	1143.9	1097.4
72.5°	942.4	1016.8	1103.6	1128.4	1143.9	1156.3	1156.3	1131.5	1007.5	970.3	889.7
75°	694.4	753.3	818.4	818.4	846.3	849.4	855.6	840.1	747.1	697.5	678.9
77.5°	471.2	514.6	567.3	589.0	607.6	604.5	601.4	558.0	508.4	486.7	468.1
80°	306.9	350.3	375.1	403.0	421.6	418.5	424.7	393.7	372.0	334.8	341.0
82.5°	182.9	217.0	241.8	275.9	275.9	285.2	285.2	275.9	254.2	235.6	235.6
85°	86.8	114.7	130.2	151.9	164.3	167.4	148.8	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: P529614

CATALOG NUMBER: GALN-SA4D-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7	9470.7
2.5°	8416.6	8571.7	8680.2	8860.0	9170.0	9418.0	9672.2	9861.3	9883.0	9938.8
5°	7117.7	7201.4	7477.3	7836.9	8091.1	8509.7	8779.4	9269.2	9452.1	9647.4
7.5°	5558.4	5694.8	6063.7	6305.5	6863.5	7387.4	7929.9	8534.5	8776.3	8804.2
10°	4687.3	4885.7	5136.8	5524.3	5828.1	6410.9	7086.7	7759.4	8029.1	8075.6
12.5°	4116.9	4371.1	4705.9	4984.9	5276.3	5784.7	6432.6	7263.4	7613.7	7824.5
15°	3568.2	3831.7	4200.6	4588.1	4845.4	5453.0	6215.6	7151.8	7607.5	7793.5
17.5°	3004.0	3248.9	3552.7	3971.2	4488.9	5170.9	6181.5	7523.8	8022.9	8239.9
20°	2520.3	2656.7	3010.2	3441.1	4089.0	4882.6	6193.9	8072.5	8804.2	8900.3
22.5°	2331.2	2362.2	2501.7	2898.6	3608.5	4588.1	6414.0	8850.7	9681.5	9997.7
25°	2185.5	2179.3	2216.5	2483.1	3258.2	4473.4	6631.0	9566.8	10654.9	10999.0
27.5°	2104.9	2042.9	2046.0	2297.1	3010.2	4287.4	6910.0	10388.3	11758.5	11910.4
30°	2064.6	2052.2	2015.0	2117.3	2740.4	4008.4	6956.5	11197.4	12409.5	12629.6
32.5°	2039.8	1918.9	1872.4	1909.6	2486.2	3704.6	7130.1	11730.6	13215.5	13119.4
35°	1915.8	1807.3	1776.3	1813.5	2306.4	3534.1	7015.4	12195.6	13820.0	13981.2
37.5°	1869.3	1773.2	1711.2	1680.2	2139.0	3391.5	6956.5	12911.7	14406.0	14793.5
40°	1825.9	1723.6	1649.2	1618.2	2008.8	3202.4	6937.9	13463.5	15081.8	15314.3
42.5°	1776.3	1711.2	1627.5	1571.7	1850.7	3013.3	6724.0	13634.0	15289.5	15540.6
44°	1760.8	1661.6	1574.8	1556.2	1788.7	2917.2	6680.6	13789.0	15469.3	15850.6
45°	1745.3	1652.3	1553.1	1528.3	1767.0	2864.5	6621.7	13826.2	15766.9	15838.2
47.5°	1701.9	1643.0	1546.9	1478.7	1720.5	2749.7	6445.0	13615.4	15463.1	15475.5
50°	1667.8	1599.6	1500.4	1367.1	1658.5	2653.6	6525.6	13537.9	14731.5	14759.4
52.5°	1630.6	1528.3	1472.5	1243.1	1556.2	2573.0	6696.1	13888.2	14815.2	14809.0
55°	1587.2	1475.6	1339.2	1137.7	1385.7	2470.7	7108.4	14579.6	15590.2	15695.6
57.5°	1519.0	1422.9	1227.6	1044.7	1190.4	2275.4	6975.1	13255.8	14344.0	14362.6
60°	1429.1	1339.2	1112.9	973.4	976.5	1794.9	6237.3	10329.4	11318.3	11588.0
62.5°	1342.3	1292.7	1016.8	871.1	830.8	1429.1	5273.2	8584.1	9715.6	9938.8
65°	1240.0	1119.1	933.1	793.6	713.0	1001.3	3735.6	6414.0	7579.6	7880.3
67.5°	1109.8	979.6	821.5	697.5	610.7	669.6	1928.2	3645.7	4826.8	5003.5
70°	970.3	849.4	691.3	589.0	492.9	461.9	849.4	1739.1	2638.1	2821.1
72.5°	796.7	685.1	551.8	465.0	368.9	319.3	285.2	465.0	936.2	1088.1
75°	576.6	499.1	415.4	331.7	260.4	204.6	167.4	139.5	155.0	167.4
77.5°	424.7	362.7	306.9	235.6	182.9	145.7	114.7	86.8	83.7	80.6
80°	331.7	294.5	244.9	189.1	142.6	108.5	80.6	58.9	52.7	52.7
82.5°	260.4	241.8	201.5	155.0	117.8	86.8	58.9	40.3	34.1	34.1
85°	99.2	99.2	145.7	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)