

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: P457252

Luminaire Tested: **GALN-SA8C-750-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P457252
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-SA8C-750-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 5000K, 1050mA 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: 48935 lumens
Efficiency: N/A
Efficacy: 114.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

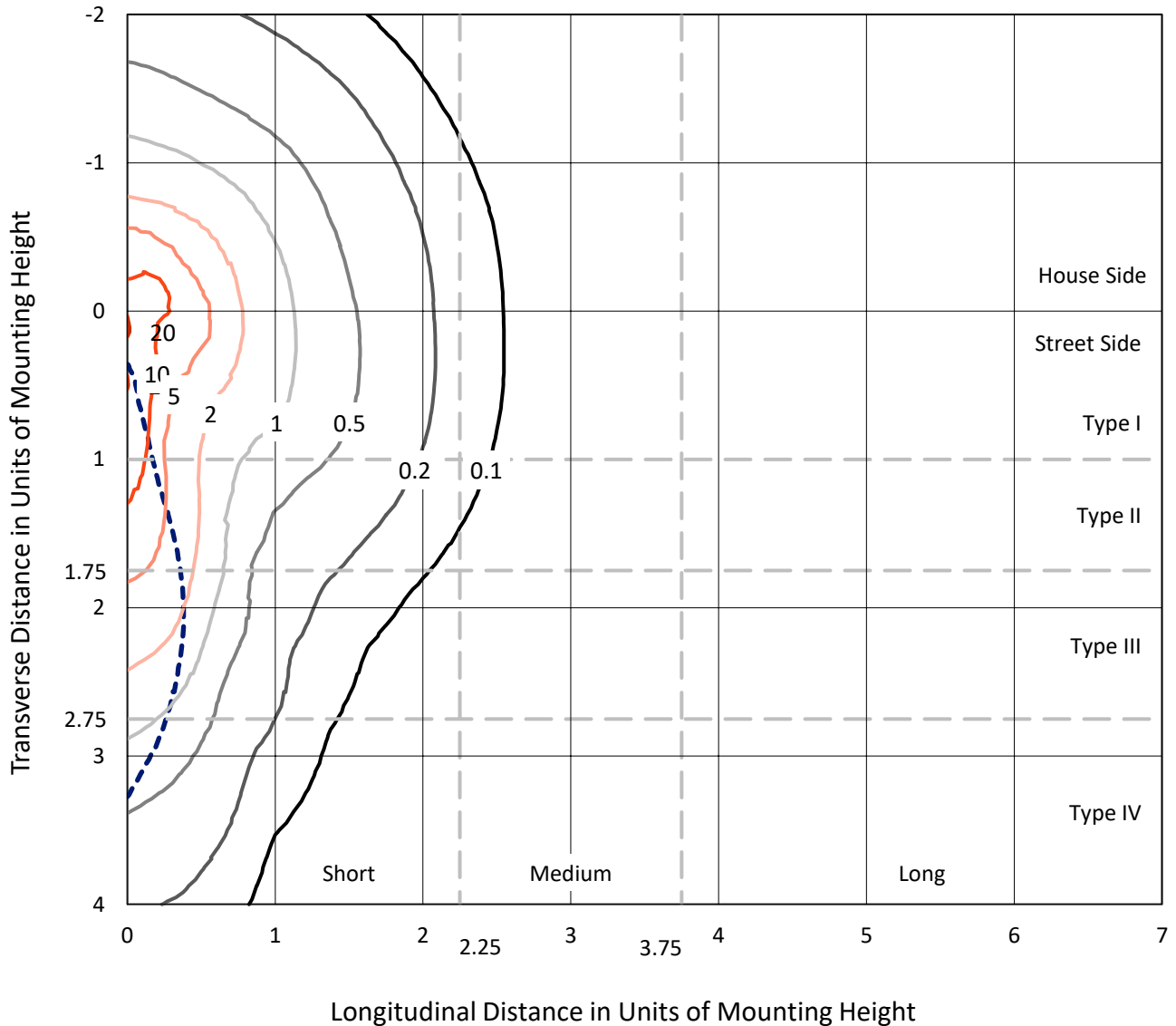
Input Watts (W): 429
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

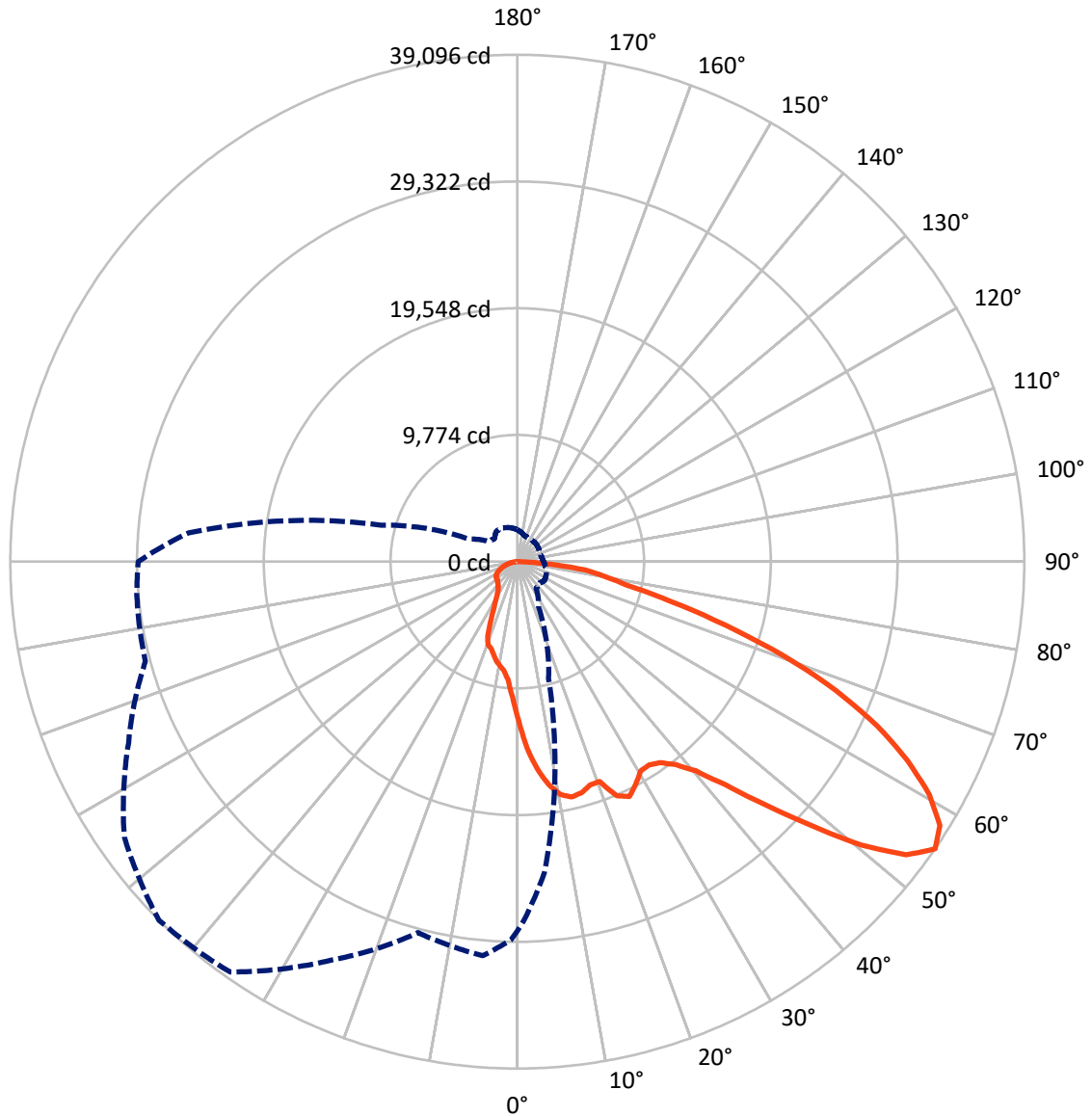
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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

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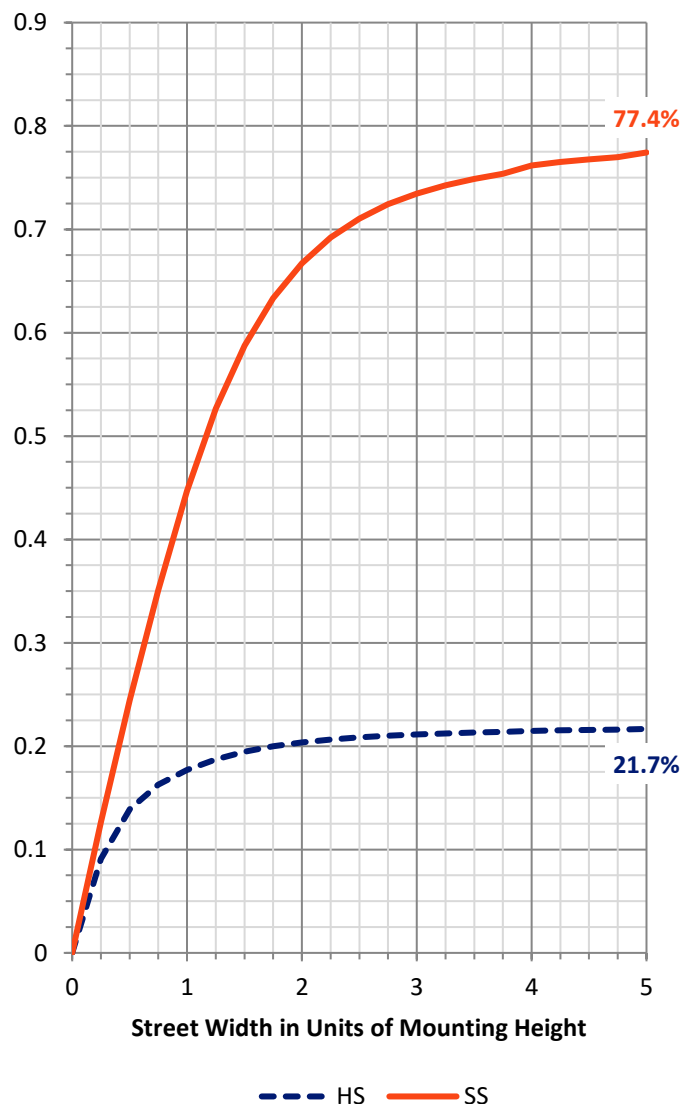
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10704.3	0.0	10704.3
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	38230.7	0.0	38230.7
	% Fixture	78.1	0.0	78.1
Total	Lumens	48935.0	0.0	48935.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1040.8	2.1
10°-20°	2761.4	5.6
20°-30°	4770.4	9.7
30°-40°	5543.9	11.3
40°-50°	7734.9	15.8
50°-60°	10495.4	21.4
60°-70°	9985.1	20.4
70°-80°	5394.2	11.0
80°-90°	1208.9	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°	48935.0	100.0
0°-180°	48935.0	100.0

Coefficient of Utilization



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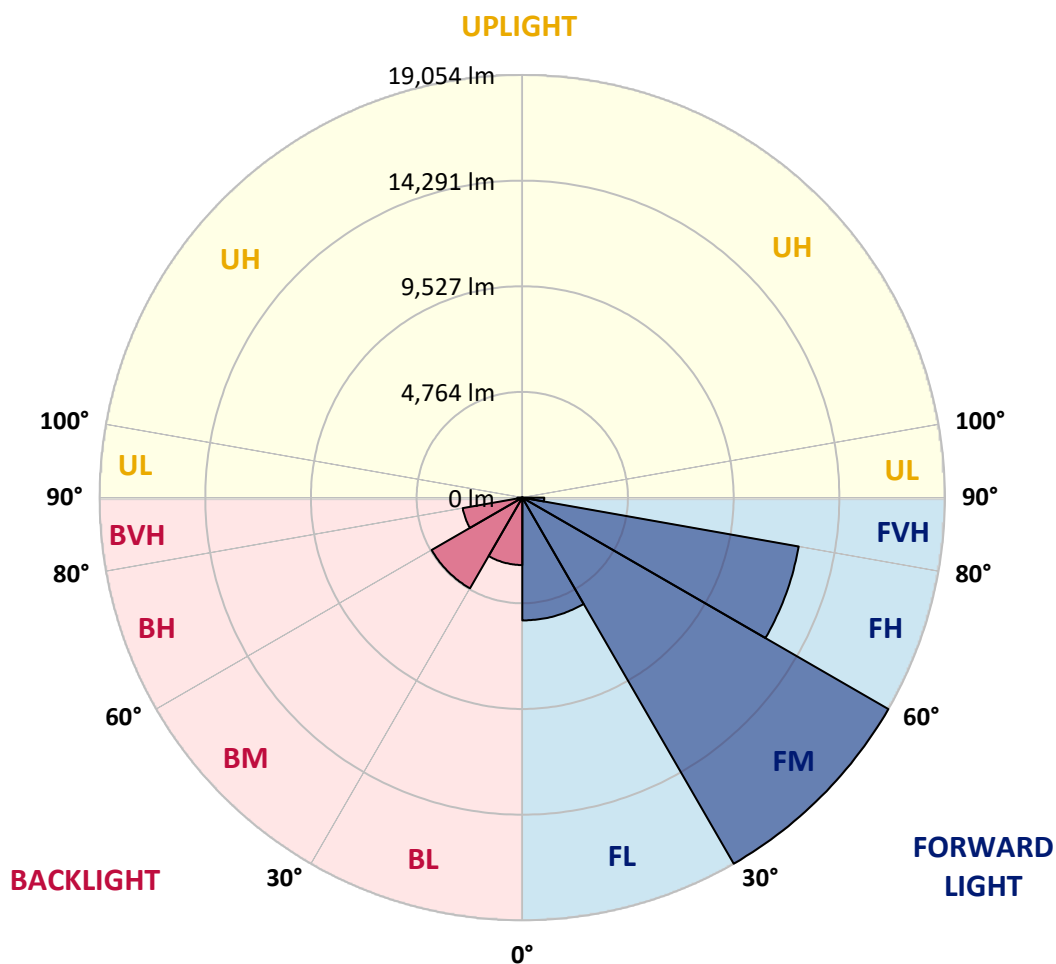
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5534.7	11.3			
FM	(30°-60°)	19054.3	38.9			
FH	(60°-80°)	12653.8	25.9			G5
FVH	(80°-90°)	988.0	2.0			G5
BL	(0°-30°)	3037.9	6.2	B4/5000		
BM	(30°-60°)	4719.9	9.6	B3/5000		
BH	(60°-80°)	2725.6	5.6	B4/5000		G4/5000
BVH	(80°-90°)	220.9	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8
2.5°	13643.2	13591.5	13446.2	13065.3	12681.1	12290.5	11990.2	11615.7	11225.1	11015.2	10747.3
5°	13830.4	13772.3	13430.1	12571.3	11793.3	10976.5	10324.4	9752.9	9520.5	9178.3	8903.9
7.5°	13391.3	13365.5	12852.2	11619.0	10553.6	9485.0	8745.7	8287.3	7870.8	7715.8	7748.1
10°	12991.0	12887.7	12245.3	10634.3	9391.4	8522.9	7993.5	7544.7	7251.0	7173.5	7189.6
12.5°	12658.5	12519.7	11761.0	9972.5	8884.5	8190.4	7515.7	7047.6	6779.6	6853.9	7105.7
15°	12590.7	12403.5	11557.6	9746.5	8606.9	7712.6	6973.3	6434.2	6234.0	6395.4	6799.0
17.5°	13029.8	12794.1	11906.3	9820.7	8342.1	7225.1	6317.9	5701.3	5533.5	5791.7	6317.9
20°	14440.6	14091.9	12994.2	10250.1	8316.3	6983.0	5937.0	5317.1	5388.2	5878.9	6427.7
22.5°	17049.1	16526.1	14899.0	10876.4	8451.9	6921.7	5859.5	5536.7	5927.3	6343.8	6705.4
25°	17565.6	17155.6	15241.2	11018.5	8422.9	6879.7	6079.0	6240.5	6676.3	6882.9	6757.0
27.5°	17856.2	17388.1	15218.6	10314.7	7531.8	6240.5	5811.1	6079.0	6188.8	5988.7	5646.4
30°	18534.2	18046.7	15602.8	9575.4	6201.7	4629.5	4058.1	3948.3	4022.6	4061.3	3938.6
32.5°	19467.2	18986.1	16325.9	9091.1	5362.3	3828.9	3267.1	3112.2	3076.7	3034.7	2986.3
35°	20674.6	19935.3	17036.2	8781.2	5016.9	3541.5	3025.0	2905.5	2857.1	2799.0	2747.4
37.5°	21901.4	21126.5	17933.7	8455.1	4787.7	3341.4	2863.6	2808.7	2724.8	2663.4	2589.2
40°	23205.6	22337.2	18750.5	8171.0	4564.9	3212.2	2747.4	2740.9	2631.1	2560.1	2472.9
42.5°	24335.6	23441.3	19480.1	7996.7	4393.8	3076.7	2676.3	2695.7	2582.7	2476.2	2363.2
45°	25233.1	24354.9	20154.8	7996.7	4255.0	2941.1	2663.4	2650.5	2537.5	2405.1	2276.0
47.5°	26020.8	25113.6	20813.4	8200.1	4167.8	2828.1	2592.4	2615.0	2498.8	2330.9	2205.0
50°	26630.9	25830.3	21701.2	8516.5	4080.7	2737.7	2502.0	2624.7	2466.5	2292.2	2146.9
52.5°	27409.0	26692.3	22769.8	8949.1	4006.4	2637.6	2421.3	2624.7	2463.3	2295.4	2137.2
55°	28487.3	27731.8	24057.9	9307.4	3887.0	2544.0	2350.3	2550.4	2453.6	2279.2	2111.4
57.5°	29242.7	28677.7	24968.3	9546.3	3715.9	2424.5	2285.7	2479.4	2411.6	2217.9	2033.9
58°	29278.2	28726.2	25100.7	9601.2	3673.9	2401.9	2269.6	2447.1	2392.2	2192.1	2008.1
60°	28871.4	28396.9	25126.5	9523.7	3435.0	2288.9	2185.6	2314.8	2288.9	2040.3	1869.2
62.5°	27392.8	26886.0	24083.7	8894.2	3118.6	2150.1	2056.5	2137.2	2079.1	1827.3	1669.1
65°	25291.2	24358.2	21940.1	7906.3	2892.6	2001.6	1882.1	1888.6	1827.3	1646.5	1507.7
67.5°	22492.2	21449.4	18576.1	6663.4	2721.5	1837.0	1675.5	1659.4	1585.1	1468.9	1355.9
70°	19047.5	18334.0	15095.9	5420.5	2531.1	1656.2	1443.1	1433.4	1388.2	1301.0	1201.0
72.5°	15438.1	14531.0	12190.4	4338.9	2298.6	1481.8	1226.8	1246.2	1188.0	1126.7	1036.3
75°	11393.0	10798.9	9423.7	3480.2	1985.5	1291.4	1023.4	1029.9	1004.0	939.5	868.4
77.5°	7502.8	7325.2	6740.9	2285.7	1527.0	1026.6	836.2	842.6	823.2	765.1	690.9
80°	5049.2	4929.7	4568.2	1472.1	1020.2	742.5	645.7	652.1	648.9	587.6	487.5
82.5°	3112.2	3060.5	2944.3	994.3	707.0	532.7	426.1	445.5	481.0	413.2	332.5
85°	1468.9	1472.1	1778.8	542.4	416.5	342.2	232.4	248.6	248.6	248.6	187.2
87.5°	190.5	200.2	245.4	229.2	151.7	129.1	83.9	71.0	61.3	80.7	58.1
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8
2.5°	10653.7	10589.1	10450.3	10418.0	10398.6	10453.5	10308.2	10347.0	10282.4	10463.2	10434.1
5°	8920.0	8926.5	9039.5	9113.7	9139.6	9113.7	9016.9	8849.0	8719.9	8668.2	8681.1
7.5°	7686.8	7799.8	7993.5	8209.8	8406.7	8464.8	8409.9	8090.3	7741.7	7522.1	7451.1
10°	7276.8	7428.5	7651.3	7822.4	7996.7	8135.5	8164.6	7916.0	7502.8	6983.0	6779.6
12.5°	7299.4	7506.0	7719.1	7773.9	7757.8	7812.7	7786.9	7744.9	7473.7	6811.9	6472.9
15°	7086.3	7331.7	7480.2	7451.1	7399.5	7351.0	7283.2	7176.7	7079.8	6615.0	6240.5
17.5°	6595.6	6847.4	6970.1	6979.8	6979.8	6966.9	6802.2	6763.5	6750.6	6524.6	6295.3
20°	6686.0	6824.8	6769.9	6679.5	6705.4	6792.5	6695.7	6676.3	6750.6	6850.6	6808.7
22.5°	6737.6	6689.2	6276.0	5875.7	5785.3	6056.4	6111.3	6327.6	6627.9	6989.5	7225.1
25°	6418.0	6027.4	5288.1	4836.1	4581.1	4832.9	5162.2	5562.5	6011.3	6476.1	6750.6
27.5°	5365.6	5068.6	4539.1	4132.3	3909.6	3948.3	4229.2	4594.0	5010.5	5323.6	5523.8
30°	4041.9	3909.6	3635.2	3496.3	3360.7	3328.5	3447.9	3586.7	3770.8	3809.5	3861.1
32.5°	2976.6	2957.2	2973.3	2928.1	2902.3	2899.1	2863.6	2895.9	2915.2	2937.8	2892.6
35°	2692.5	2666.6	2621.4	2608.5	2592.4	2598.8	2582.7	2566.6	2579.5	2598.8	2611.8
37.5°	2547.2	2508.5	2443.9	2421.3	2421.3	2431.0	2405.1	2398.7	2421.3	2482.6	2514.9
40°	2434.2	2389.0	2314.8	2285.7	2305.1	2330.9	2295.4	2282.5	2337.4	2401.9	2453.6
42.5°	2327.7	2292.2	2221.1	2188.8	2205.0	2253.4	2201.8	2192.1	2263.1	2334.1	2395.5
45°	2237.3	2201.8	2137.2	2121.0	2127.5	2172.7	2137.2	2137.2	2205.0	2282.5	2337.4
47.5°	2166.2	2121.0	2079.1	2066.2	2072.6	2098.4	2092.0	2092.0	2156.6	2237.3	2292.2
50°	2095.2	2056.5	2001.6	2008.1	2024.2	2059.7	2056.5	2066.2	2130.7	2230.8	2288.9
52.5°	2062.9	2004.8	1943.5	1949.9	1998.4	2040.3	2027.4	2037.1	2111.4	2298.6	2382.5
55°	2027.4	1949.9	1878.9	1888.6	1943.5	2004.8	1988.7	2001.6	2088.8	2343.8	2460.0
57.5°	1959.6	1869.2	1791.8	1798.2	1878.9	1943.5	1917.7	1933.8	2037.1	2295.4	2418.1
58°	1930.6	1853.1	1778.8	1782.1	1859.5	1930.6	1901.5	1914.4	2021.0	2282.5	2398.7
60°	1807.9	1762.7	1698.1	1701.4	1775.6	1837.0	1820.8	1833.7	1937.0	2188.8	2276.0
62.5°	1640.0	1614.2	1598.1	1598.1	1643.2	1701.4	1717.5	1733.6	1827.3	1979.0	2056.5
65°	1459.2	1459.2	1462.5	1462.5	1491.5	1565.8	1575.5	1617.4	1704.6	1778.8	1837.0
67.5°	1336.6	1330.1	1336.6	1320.4	1333.3	1378.5	1426.9	1465.7	1556.1	1607.7	1627.1
70°	1178.4	1175.1	1178.4	1155.8	1171.9	1210.6	1242.9	1307.5	1401.1	1439.9	1449.5
72.5°	1023.4	1023.4	1029.9	1013.7	1013.7	1055.7	1078.3	1149.3	1236.5	1259.1	1262.3
75°	862.0	871.7	871.7	849.1	855.5	881.3	910.4	968.5	1049.2	1065.4	1065.4
77.5°	684.4	719.9	719.9	697.3	707.0	710.2	749.0	778.0	839.4	845.8	820.0
80°	497.2	532.7	561.7	542.4	558.5	539.1	561.7	581.1	642.4	613.4	571.4
82.5°	355.1	380.9	403.5	406.8	390.6	355.1	384.2	387.4	416.5	377.7	355.1
85°	196.9	219.5	248.6	235.7	209.8	187.2	196.9	203.4	200.2	190.5	177.6
87.5°	51.7	54.9	61.3	45.2	42.0	35.5	48.4	48.4	54.9	58.1	54.9
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°	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8
2.5°	10456.7	10598.8	10905.5	11137.9	11422.0	11767.5	12174.2	12584.2	13026.5	13165.4	13359.1
5°	8652.1	9007.2	9155.7	9578.6	9998.3	10627.8	11299.3	12077.4	12929.7	13339.7	13733.5
7.5°	7393.0	7583.5	7738.4	8048.4	8552.0	9317.1	10159.7	11131.5	12338.9	12936.1	13514.0
10°	6715.0	6734.4	6924.9	7309.1	7748.1	8422.9	9220.3	10308.2	11654.5	12380.9	13058.8
12.5°	6266.3	6182.4	6389.0	6789.3	7286.5	7909.5	8642.4	9678.7	11160.5	11906.3	12726.3
15°	5872.4	5740.1	5895.0	6305.0	6795.7	7528.6	8316.3	9414.0	10966.8	11835.3	12745.7
17.5°	5882.1	5517.3	5572.2	5917.6	6405.1	7150.9	8106.5	9404.3	11260.6	12261.4	13339.7
20°	6608.5	6024.2	5775.6	5840.1	6311.5	7125.0	8203.3	9856.3	12225.9	13685.1	14837.7
22.5°	7322.0	6970.1	6569.8	6437.4	6695.7	7548.0	8819.9	10924.9	14324.3	16522.9	18605.2
25°	7073.4	7373.6	7273.5	7086.3	7144.4	7851.4	9239.6	11803.0	15954.7	18430.8	20387.2
27.5°	5659.4	6205.0	6314.7	6311.5	6334.1	6915.2	8309.9	11212.2	16158.1	18795.7	20664.9
30°	3977.4	4025.8	4083.9	4196.9	4300.2	4820.0	6502.0	9843.3	16067.7	18960.3	20832.8
32.5°	2870.0	2934.6	3015.3	3170.3	3415.6	4077.4	5688.4	9407.5	16545.5	19641.5	21323.5
35°	2624.7	2698.9	2776.4	2954.0	3186.4	3799.8	5365.6	9226.7	17330.0	20745.6	22204.8
37.5°	2547.2	2631.1	2698.9	2828.1	3015.3	3599.6	5071.8	9104.0	18133.8	21914.3	23386.4
40°	2492.3	2589.2	2644.0	2747.4	2876.5	3415.6	4810.3	9007.2	18911.9	22982.9	24335.6
42.5°	2443.9	2544.0	2615.0	2689.2	2795.8	3251.0	4577.8	8910.3	19586.6	24019.2	25281.5
45°	2385.8	2511.7	2602.1	2660.2	2753.8	3112.2	4400.3	8832.9	20355.0	24939.3	26237.1
47.5°	2337.4	2476.2	2589.2	2657.0	2692.5	3015.3	4258.2	8939.4	21278.3	25901.3	27124.9
50°	2340.6	2472.9	2615.0	2721.5	2627.9	2934.6	4171.1	9362.3	22479.2	27044.2	27825.4
52.5°	2443.9	2605.3	2718.3	2744.1	2537.5	2837.7	4125.9	10101.6	23899.7	28054.7	28532.5
55°	2560.1	2728.0	2850.7	2834.5	2489.1	2715.1	4116.2	10889.3	25455.8	29233.0	29452.5
57.5°	2518.1	2763.5	2950.7	2866.8	2492.3	2595.6	4074.2	11525.3	26756.8	30114.4	30363.0
58°	2505.2	2750.6	2963.7	2860.3	2482.6	2560.1	4064.5	11580.2	26937.6	30175.7	30492.1
60°	2379.3	2637.6	2954.0	2811.9	2427.7	2463.3	3958.0	11757.8	26889.2	29859.3	30569.6
62.5°	2150.1	2363.2	2731.2	2576.3	2259.9	2334.1	3719.1	11538.2	25578.5	28335.5	29436.4
65°	1891.8	2050.0	2295.4	2266.3	2021.0	2201.8	3393.0	10669.8	22953.8	25862.6	27021.6
67.5°	1698.1	1827.3	1982.2	1940.3	1817.6	2024.2	3041.1	9200.9	20009.5	22892.5	24351.7
70°	1501.2	1601.3	1678.8	1649.7	1611.0	1849.9	2728.0	7467.3	17187.9	20070.9	21484.9
72.5°	1301.0	1394.7	1459.2	1417.3	1394.7	1665.8	2472.9	5794.9	13575.4	16558.4	18376.0
75°	1088.0	1181.6	1226.8	1178.4	1165.4	1468.9	2095.2	4329.3	10185.6	12765.0	14334.0
77.5°	842.6	942.7	1000.8	984.7	991.1	1207.4	1691.7	2963.7	7283.2	8700.5	10353.4
80°	590.8	700.6	739.3	723.2	768.4	920.1	1194.5	1882.1	5023.4	5646.4	6811.9
82.5°	364.8	468.1	474.6	490.7	523.0	681.2	900.7	1146.1	3154.1	3260.7	4106.5
85°	184.0	222.8	238.9	264.7	293.8	416.5	513.3	710.2	2030.7	1536.7	2295.4
87.5°	61.3	64.6	77.5	96.9	119.5	171.1	219.5	290.6	503.6	277.6	710.2
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: P457252

CATALOG NUMBER: GALN-SA8C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8	12280.8
2.5°	13749.7	14024.1	14224.3	14408.3	14230.7	14214.6	14040.2	13759.4	13643.2	13643.2
5°	14560.0	15202.5	15722.2	16054.8	15912.7	15570.5	15005.5	14285.6	13898.2	13830.4
7.5°	14782.8	16051.5	17016.8	17359.0	17120.1	16364.7	15283.2	14069.3	13514.0	13391.3
10°	14647.2	16296.9	17714.1	18256.5	17924.0	16781.1	15305.8	13817.5	13133.1	12991.0
12.5°	14505.1	16329.2	17843.3	18627.8	18411.5	17116.9	15470.4	13652.8	12861.9	12658.5
15°	14608.4	16342.1	17685.1	18495.4	18634.2	17520.4	15741.6	13772.3	12807.0	12590.7
17.5°	15260.6	16587.4	17459.1	18114.5	18601.9	18069.3	16513.2	14343.7	13297.7	13029.8
20°	16623.0	17175.0	17588.2	18095.1	18879.6	19189.5	18091.9	15912.7	14676.2	14440.6
22.5°	20568.0	20468.0	19622.1	19612.4	20748.8	21991.8	21917.5	19102.3	17242.8	17049.1
25°	22046.6	21581.7	20358.2	20061.2	20561.6	22479.2	22201.6	19754.5	18037.0	17565.6
27.5°	21468.8	20316.2	19512.4	19444.6	19279.9	21091.0	21759.3	20019.2	18314.6	17856.2
30°	21433.2	19738.3	18589.0	18724.6	18882.8	20613.2	22004.7	20848.9	19024.9	18534.2
32.5°	21520.4	19819.1	18656.8	18682.7	19154.0	20684.3	22275.9	21752.9	19957.9	19467.2
35°	21872.3	20277.5	19089.4	19028.1	19764.2	21149.1	22737.5	23173.3	21233.1	20674.6
37.5°	22440.5	21191.1	19880.4	19864.2	20932.8	21988.5	23312.2	24606.7	22501.8	21901.4
40°	23276.7	22259.7	21288.0	21200.8	22521.2	23354.1	24057.9	26133.8	23977.2	23205.6
42.5°	24287.1	23541.4	23144.3	23489.7	24758.5	24887.6	25220.1	27544.6	25233.1	24335.6
45°	25223.4	25187.9	25739.9	26656.8	27396.1	26621.3	26434.0	28490.5	26208.0	25233.1
47.5°	26337.2	27299.2	28965.1	30308.1	31082.9	28639.0	27470.3	29107.1	26918.3	26020.8
50°	27467.1	29827.0	32487.2	34359.7	34524.3	30831.1	28183.8	29688.2	27563.9	26630.9
52.5°	28655.1	31844.8	35386.3	37562.3	37242.6	32739.0	28874.7	30082.1	28229.0	27409.0
55°	29688.2	33081.3	37007.0	39095.7	38627.6	33901.3	29620.4	30508.2	29178.1	28487.3
57.5°	30266.1	33184.6	36603.4	38427.5	37920.6	33675.3	29962.6	30824.6	29785.1	29242.7
58°	30350.0	33045.7	36245.1	38040.1	37523.5	33484.8	29959.4	30811.7	29823.8	29278.2
60°	30275.8	32145.0	34911.7	36509.8	35967.4	32290.3	29836.7	30569.6	29333.1	28871.4
62.5°	29588.1	30582.5	32609.9	33772.1	33617.2	30424.3	29333.1	29655.9	27838.4	27392.8
65°	28684.2	28451.7	29662.4	30485.6	30601.9	29026.4	28832.7	27680.2	25920.7	25291.2
67.5°	27586.5	26036.9	26033.7	26501.8	26695.5	26876.3	27789.9	25533.3	23157.2	22492.2
70°	25723.8	22314.6	21288.0	21840.0	21678.6	23205.6	25927.2	22518.0	19825.5	19047.5
72.5°	22308.1	17707.7	16064.4	16774.7	16367.9	18198.4	22685.9	18530.9	16393.7	15438.1
75°	18082.2	13246.1	11551.2	12203.3	11951.5	13804.6	18876.4	13459.1	11757.8	11393.0
77.5°	14040.2	9598.0	8613.3	8522.9	8710.2	10272.7	13846.5	9087.9	7751.4	7502.8
80°	9020.1	6870.0	6928.1	6811.9	6908.7	6476.1	8406.7	5798.2	5249.4	5049.2
82.5°	5937.0	4787.7	5707.8	5268.7	5004.0	4355.1	5514.1	3796.6	3221.9	3112.2
85°	4045.2	3525.4	3209.0	2453.6	2889.4	3354.3	4135.6	2043.6	1620.6	1468.9
87.5°	1827.3	1226.8	900.7	555.3	878.1	1013.7	2008.1	238.9	184.0	190.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)