

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: P531564

Luminaire Tested: **GALN-SA6D-760-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P531564
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-SA6D-760-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 5700K, 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: 34165 lumens
Efficiency: N/A
Efficacy: 92.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

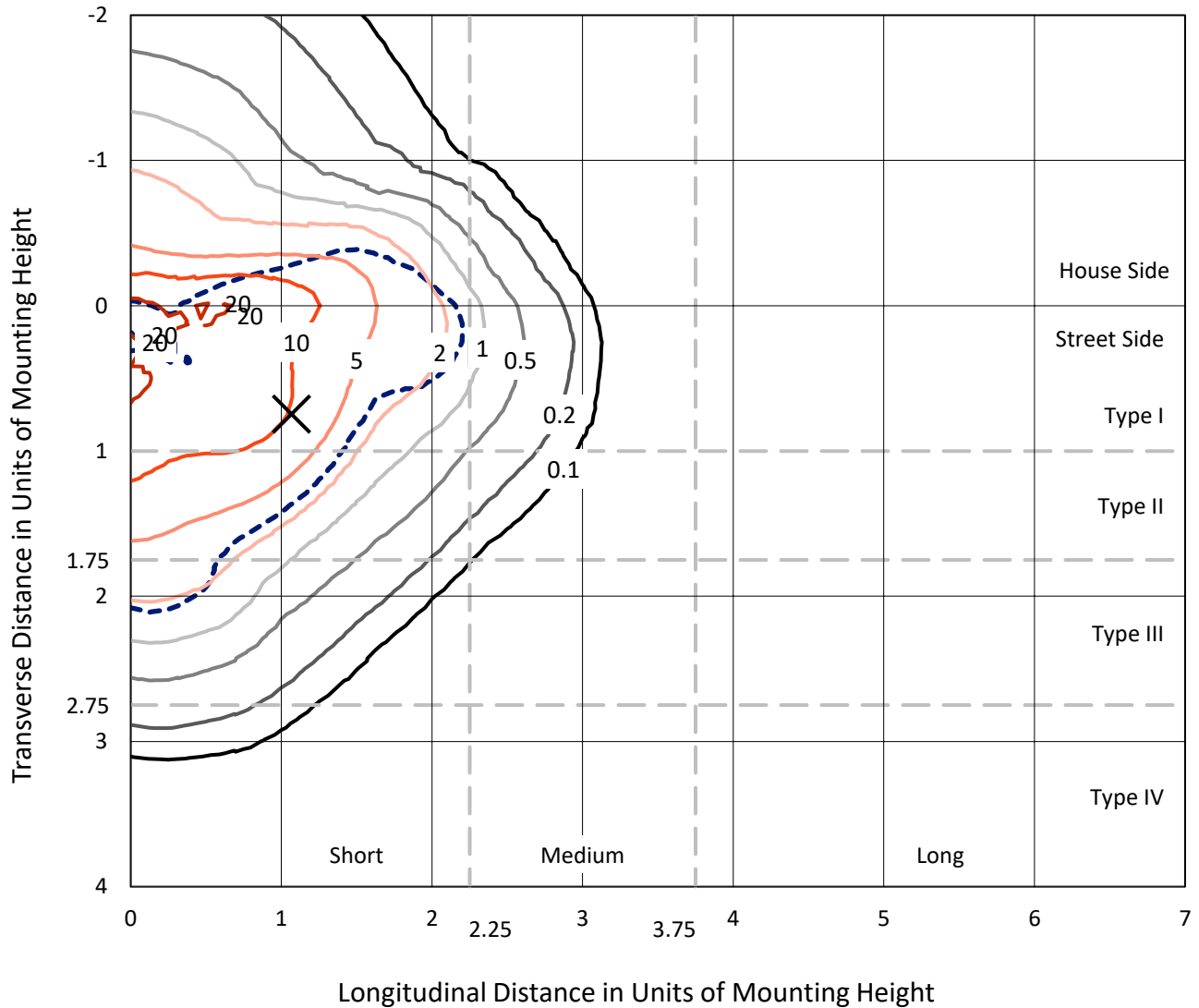
Input Watts (W): 368
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

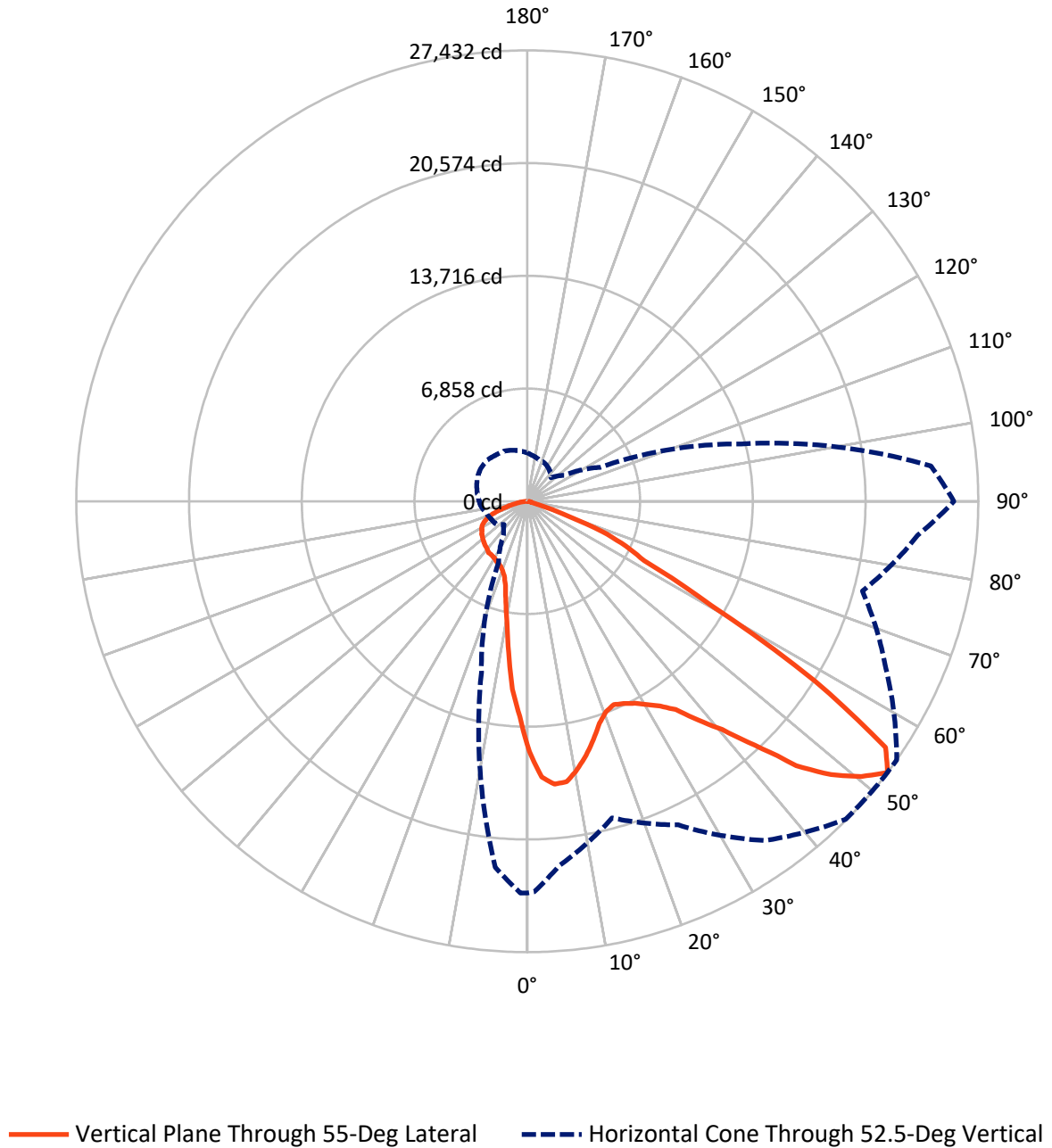
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 25.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10422.2	0.0	10422.2
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	23742.8	0.0	23742.8
	% Fixture	69.5	0.0	69.5
Total	Lumens	34165.0	0.0	34165.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1164.3	3.4
10°-20°	2510.4	7.3
20°-30°	3806.6	11.1
30°-40°	5500.0	16.1
40°-50°	7349.5	21.5
50°-60°	8203.7	24.0
60°-70°	4500.1	13.2
70°-80°	972.9	2.8
80°-90°	157.4	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°	34165.0	100.0
0°-180°	34165.0	100.0

Coefficient of Utilization



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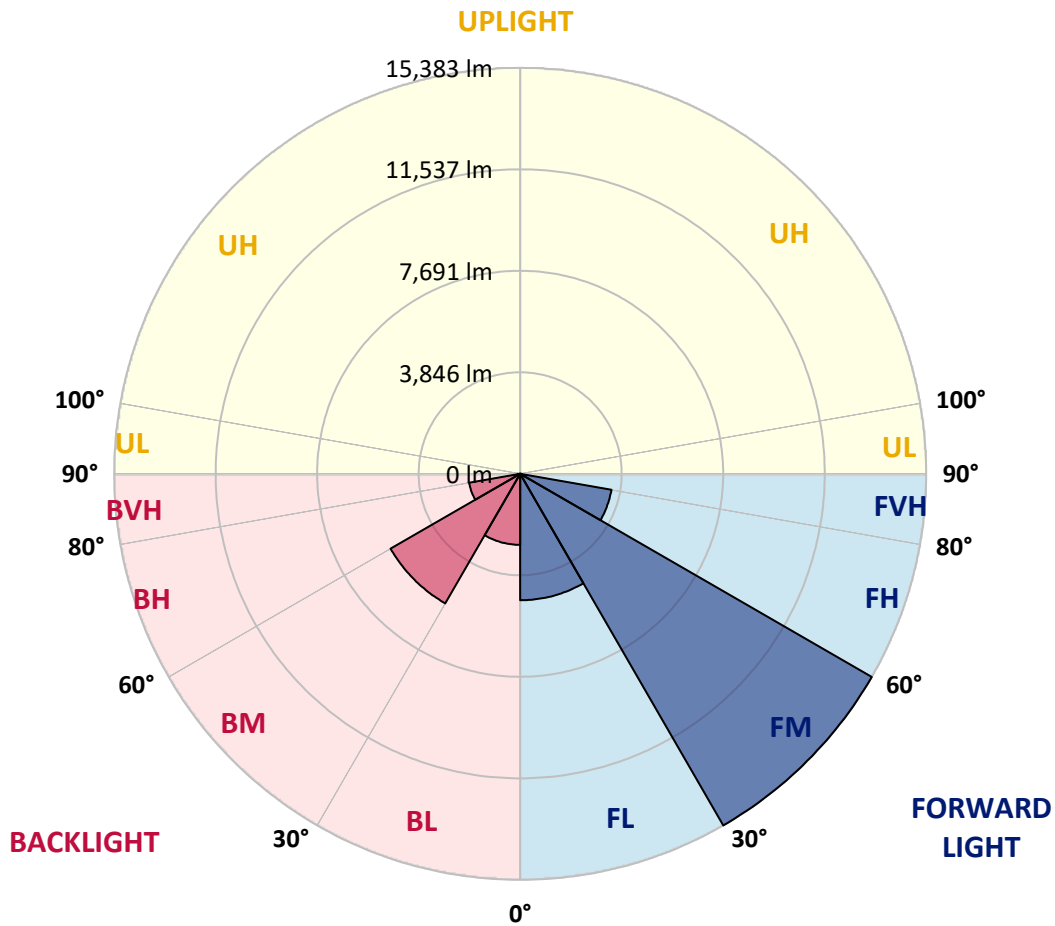
CATALOG NUMBER: GALN-SA6D-760-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4790.6	14.0			
FM (30°-60°)	15382.7	45.0			
FH (60°-80°)	3511.3	10.3			G2/5000
FVH (80°-90°)	58.3	0.2			G1/100
BL (0°-30°)	2690.9	7.9	B4/5000		
BM (30°-60°)	5670.5	16.6	B4/8500		
BH (60°-80°)	1961.7	5.7	B3/2500		G3/2500
BVH (80°-90°)	99.1	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2
2.5°	15993.5	15903.7	15983.5	16362.7	16582.2	16731.8	16826.6	16811.6	16452.5	16103.3	16103.3
5°	15524.6	15409.8	15574.5	16432.5	17295.5	17370.4	17495.1	17290.6	16761.8	16123.2	15325.0
7.5°	14167.7	14252.5	14526.9	15654.3	16776.7	17340.4	17490.1	17230.7	16372.6	15180.4	14008.0
10°	12995.4	13194.9	13828.5	15045.7	16078.3	16811.6	16976.3	16612.1	15933.7	14472.0	13424.4
12.5°	12591.3	12466.6	13170.0	14387.2	15374.9	15769.0	15843.9	15868.8	15409.8	14112.8	12835.7
15°	12541.4	12621.2	13170.0	14092.9	14701.5	14721.4	14846.1	15040.7	15100.6	14357.2	13110.1
17.5°	13259.8	13165.0	13728.7	14462.0	14172.7	13883.3	13913.3	14192.6	14686.5	14566.8	13973.1
20°	14322.3	14536.8	14980.8	14906.0	14127.8	13394.4	13399.4	13663.8	14636.6	15434.8	15175.4
22.5°	16088.3	16297.8	16627.1	15724.1	14127.8	13249.8	13080.2	13439.3	14955.9	16467.4	16532.3
25°	17699.6	18083.7	18173.5	17111.0	14836.2	13384.5	13274.7	13628.9	15275.2	17475.1	18088.7
27.5°	19166.3	19306.0	19700.1	18003.9	15230.3	13474.3	13464.3	13918.2	15679.2	17979.0	19480.6
30°	20323.6	20308.7	20533.2	18567.6	15858.8	13978.1	13494.2	14352.3	16208.0	18812.1	20767.6
32.5°	21111.8	21281.5	21755.4	19350.9	16123.2	14457.0	14077.9	14861.1	16851.6	19206.2	21675.6
35°	22498.7	22793.0	22194.4	19784.9	16961.3	14930.9	14487.0	15554.5	17170.8	19635.2	22788.0
37.5°	23805.7	23581.2	22972.6	20019.3	17505.1	15808.9	15394.9	16896.5	18163.6	20568.1	23526.3
40°	24643.8	24638.8	23556.3	20208.9	17889.2	17150.9	17125.9	18258.3	19380.8	21156.7	24354.4
42.5°	25007.9	25357.2	23795.7	20188.9	18697.3	18777.2	19281.0	20293.7	20243.8	21276.5	24334.5
44°	25506.8	25716.3	24209.8	20233.8	19236.1	19874.7	21062.0	21705.5	20997.1	21211.6	24309.5
45°	25486.9	25501.8	23621.1	20293.7	19695.1	20792.6	21855.1	22942.7	21660.6	21071.9	24638.8
47.5°	24903.2	24733.6	23122.3	19849.7	21126.8	23217.0	24199.8	24858.3	22478.7	20772.6	24229.7
50°	23750.8	23556.3	21910.0	19660.1	21426.1	24723.6	26080.5	26320.0	23222.0	20478.3	23825.6
52.5°	23830.6	23775.8	22254.2	19944.5	21725.4	25197.5	27372.6	27432.4	24065.1	21096.9	23830.6
55°	25257.4	25067.8	23242.0	20298.7	21505.9	24643.8	26549.4	26444.7	23780.7	20722.7	24269.6
57.5°	23112.3	23237.0	21875.1	18896.9	18822.1	20034.3	20872.4	20613.0	19844.7	18702.3	22578.5
60°	18647.5	19001.7	19131.4	15803.9	14202.6	13579.0	13329.6	12870.6	13000.3	15364.9	19834.8
62.5°	15993.5	15973.6	16786.7	14327.3	9303.8	8001.7	7882.0	7986.8	9483.4	15125.5	19425.7
65°	12681.1	13020.3	13269.7	12142.3	7363.2	5941.4	5936.5	6599.9	8206.3	12641.2	15684.2
67.5°	8051.6	8495.6	8804.9	7767.3	4923.8	4230.3	4115.6	4913.8	5687.0	8291.1	9443.5
70°	4539.6	4749.2	4888.8	4479.8	3132.9	2195.0	2065.3	2254.9	3437.2	5367.8	5597.2
72.5°	1751.0	1845.8	2035.4	2050.3	1182.3	708.4	573.7	688.4	1446.7	2125.2	2025.4
75°	269.4	289.3	409.1	488.9	339.2	259.4	274.4	284.4	404.1	548.7	459.0
77.5°	129.7	129.7	124.7	144.7	169.6	184.6	199.5	219.5	239.5	264.4	254.4
80°	84.8	84.8	84.8	99.8	124.7	149.7	169.6	179.6	189.6	209.5	199.5
82.5°	54.9	54.9	54.9	74.8	99.8	124.7	134.7	159.6	179.6	209.5	194.6
85°	29.9	29.9	29.9	49.9	74.8	104.8	99.8	79.8	44.9	5.0	10.0
87.5°	10.0	10.0	10.0	10.0	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°	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2
2.5°	15684.2	15454.7	15434.8	14965.9	14546.8	14342.3	14177.7	13718.7	13818.5	13554.1	13549.1
5°	14925.9	14457.0	13698.7	13075.2	12451.6	12326.9	11783.1	11309.2	11324.2	10984.9	11044.8
7.5°	13564.1	13239.8	12316.9	11339.1	10511.0	9922.4	9408.5	9099.2	8705.1	8570.4	8500.6
10°	12701.0	12301.9	11264.3	10037.1	9109.2	8794.9	8301.1	8026.7	7622.6	7423.1	7283.4
12.5°	12321.9	11738.2	10441.2	9194.0	8575.4	8251.2	7832.1	7333.3	6854.4	6669.8	6415.4
15°	12361.8	11663.4	10201.7	8854.8	8111.5	7482.9	7108.8	6555.0	6066.2	5741.9	5557.3
17.5°	12965.4	12117.4	10311.5	8595.4	7527.8	6739.6	6006.3	5407.7	5018.6	4774.1	4714.2
20°	14392.2	13239.8	10496.1	8176.3	6944.2	5961.4	5058.5	4434.9	4135.6	4130.6	4135.6
22.5°	15579.5	14437.1	10870.2	7926.9	6360.5	4963.7	4065.7	3866.2	3806.3	3931.0	3946.0
25°	17180.8	15784.0	11513.7	7797.2	5821.7	4230.3	3676.6	3601.8	3596.8	3756.4	3761.4
27.5°	18822.1	16961.3	11897.9	7418.1	5273.0	3851.2	3442.1	3427.2	3507.0	3676.6	3661.6
30°	19939.5	17949.1	12591.3	6964.1	4624.5	3517.0	3347.4	3367.3	3477.1	3606.8	3626.7
32.5°	21241.5	18921.8	12770.9	6714.7	4225.4	3237.6	3117.9	3162.8	3302.5	3507.0	3616.7
35°	22733.1	19610.3	13045.2	6375.5	4075.7	3023.1	2963.2	3013.1	3182.7	3317.4	3437.2
37.5°	23835.6	20827.5	13095.1	6111.1	3911.1	2903.4	2808.6	2973.2	3073.0	3262.6	3322.4
40°	24653.8	21710.5	13224.8	5946.4	3781.4	2748.7	2748.7	2858.5	2993.2	3167.8	3287.5
42.5°	25177.6	22354.0	13319.6	5796.8	3531.9	2703.8	2678.9	2788.6	2968.2	3137.8	3192.7
44°	25496.8	22628.4	13224.8	5657.1	3462.1	2649.0	2649.0	2743.7	2883.4	3083.0	3147.8
45°	25576.7	22972.6	13015.3	5652.1	3377.3	2584.1	2574.1	2753.7	2848.5	3092.9	3132.9
47.5°	25885.9	23396.6	13040.3	5492.5	3172.8	2429.5	2604.1	2683.9	2768.7	2983.2	3117.9
50°	25876.0	23661.0	12985.4	5258.0	3023.1	2254.9	2544.2	2634.0	2718.8	2938.3	2993.2
52.5°	25945.8	24648.8	13489.2	4883.9	2753.7	2030.4	2344.7	2544.2	2649.0	2833.5	2948.3
55°	25910.9	25212.5	13988.1	4604.5	2374.6	1895.7	2175.0	2409.5	2559.2	2753.7	2808.6
57.5°	23666.0	22284.2	12945.5	4080.7	1965.5	1736.0	1935.6	2269.8	2459.4	2658.9	2728.8
60°	19335.9	17175.8	10675.6	3003.1	1616.3	1596.4	1800.9	2224.9	2304.7	2479.3	2599.1
62.5°	17869.2	15065.6	8465.7	2294.8	1381.8	1461.7	1661.2	2010.4	2135.1	2349.6	2459.4
65°	13983.1	10007.2	5243.0	1551.5	1217.2	1312.0	1501.6	1761.0	1965.5	2165.1	2294.8
67.5°	8281.1	5467.5	2594.1	1087.5	1062.6	1162.3	1356.9	1551.5	1785.9	2005.4	2070.3
70°	4509.7	2688.9	1107.5	828.1	902.9	992.7	1182.3	1317.0	1541.5	1711.1	1820.8
72.5°	1446.7	818.1	553.7	613.6	688.4	793.2	907.9	1072.6	1232.2	1332.0	1421.8
75°	349.2	344.2	394.1	429.0	498.9	578.7	673.5	758.3	883.0	977.8	1057.6
77.5°	244.4	264.4	304.3	354.2	379.1	409.1	468.9	533.8	588.7	658.5	708.4
80°	189.6	204.5	234.5	259.4	284.4	309.3	339.2	364.2	399.1	444.0	468.9
82.5°	179.6	189.6	219.5	234.5	224.5	219.5	239.5	249.4	254.4	269.4	284.4
85°	15.0	0.0	10.0	34.9	84.8	124.7	134.7	134.7	129.7	139.7	139.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0	15.0
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°	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2
2.5°	13489.2	13319.6	13384.5	13464.3	13349.5	13085.1	13155.0	13125.1	13394.4	13374.5	13643.9
5°	11309.2	11044.8	11074.7	11463.8	11339.1	11473.8	11204.4	11169.5	11219.4	11244.3	11289.2
7.5°	8655.3	8620.3	8919.7	9248.9	9403.5	9243.9	8979.5	8919.7	8864.8	8755.0	9004.5
10°	7063.9	7073.9	7053.9	7303.3	7477.9	7443.0	7283.4	7263.4	7158.7	7118.8	7258.4
12.5°	6305.6	6170.9	6106.1	6026.3	6160.9	6250.7	6180.9	6131.0	6136.0	6185.9	6205.8
15°	5572.3	5487.5	5347.8	5258.0	5322.9	5278.0	5253.0	5352.8	5327.8	5317.9	5437.6
17.5°	4749.2	4819.0	4809.0	4709.3	4794.1	4759.1	4754.2	4684.3	4589.5	4519.7	4559.6
20°	4205.4	4335.1	4434.9	4439.9	4484.8	4479.8	4405.0	4190.4	4120.6	4105.6	4115.6
22.5°	4010.9	4080.7	4200.4	4370.0	4370.0	4290.2	4200.4	3951.0	3886.1	3816.3	3786.4
25°	3856.2	3990.9	4145.5	4165.5	4245.3	4170.5	4025.8	3901.1	3766.4	3671.6	3671.6
27.5°	3776.4	3926.0	4040.8	4075.7	4185.5	4125.6	3975.9	3816.3	3656.7	3651.7	3566.9
30°	3741.5	3881.1	3956.0	4040.8	4090.7	3995.9	3951.0	3781.4	3621.7	3581.8	3442.1
32.5°	3636.7	3836.2	3975.9	3956.0	3995.9	3956.0	3891.1	3751.4	3571.9	3482.1	3467.1
35°	3517.0	3716.5	3866.2	3970.9	3995.9	3911.1	3871.2	3681.6	3437.2	3392.3	3237.6
37.5°	3452.1	3571.9	3756.4	3926.0	3961.0	3916.1	3781.4	3586.8	3342.4	3292.5	3157.8
40°	3372.3	3527.0	3671.6	3811.3	3916.1	3806.3	3651.7	3462.1	3352.4	3202.7	3162.8
42.5°	3312.4	3487.0	3606.8	3761.4	3881.1	3736.5	3556.9	3427.2	3272.5	3172.8	3058.0
44°	3292.5	3452.1	3531.9	3721.5	3821.3	3711.5	3561.9	3427.2	3247.6	3157.8	3058.0
45°	3222.6	3442.1	3527.0	3696.6	3781.4	3691.6	3502.0	3367.3	3237.6	3127.9	3023.1
47.5°	3152.8	3302.5	3447.1	3581.8	3641.7	3611.8	3452.1	3287.5	3132.9	3068.0	2968.2
50°	3132.9	3282.5	3417.2	3541.9	3611.8	3551.9	3407.2	3247.6	3068.0	2963.2	2878.4
52.5°	3033.1	3217.7	3367.3	3407.2	3497.0	3462.1	3352.4	3177.8	3008.1	2918.3	2848.5
55°	2888.4	3083.0	3287.5	3337.4	3467.1	3412.2	3247.6	3083.0	2938.3	2803.6	2713.8
57.5°	2833.5	3023.1	3222.6	3287.5	3367.3	3277.5	3237.6	3063.0	2833.5	2763.7	2624.0
60°	2693.9	2933.3	3097.9	3247.6	3252.6	3227.6	3157.8	2958.3	2768.7	2639.0	2539.2
62.5°	2584.1	2808.6	2938.3	3078.0	3162.8	3092.9	3023.1	2838.5	2634.0	2489.3	2374.6
65°	2424.5	2629.0	2738.8	2823.6	2918.3	2908.4	2788.6	2653.9	2439.4	2324.7	2214.9
67.5°	2180.0	2359.6	2509.3	2589.1	2649.0	2634.0	2544.2	2449.4	2229.9	2115.2	2035.4
70°	1885.7	2070.3	2165.1	2210.0	2269.8	2299.8	2229.9	2185.0	1990.5	1840.8	1766.0
72.5°	1516.5	1636.3	1775.9	1815.9	1840.8	1860.8	1860.8	1820.8	1621.3	1561.4	1431.7
75°	1117.5	1212.2	1317.0	1317.0	1361.9	1366.9	1376.9	1351.9	1202.3	1122.4	1092.5
77.5°	758.3	828.1	912.9	947.8	977.8	972.8	967.8	898.0	818.1	783.2	753.3
80°	493.9	563.7	603.6	648.5	678.5	673.5	683.4	633.6	598.6	538.8	548.7
82.5°	294.3	349.2	389.1	444.0	444.0	459.0	459.0	444.0	409.1	379.1	379.1
85°	139.7	184.6	209.5	244.4	264.4	269.4	239.5	204.5	169.6	154.6	169.6
87.5°	24.9	34.9	49.9	44.9	54.9	49.9	49.9	49.9	49.9	39.9	44.9
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: P531564

CATALOG NUMBER: GALN-SA6D-760-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2	15240.2
2.5°	13544.1	13793.5	13968.1	14257.5	14756.3	15155.4	15564.5	15868.8	15903.7	15993.5
5°	11453.9	11588.6	12032.6	12611.2	13020.3	13693.8	14127.8	14916.0	15210.3	15524.6
7.5°	8944.6	9164.1	9757.7	10146.9	11044.8	11887.9	12760.9	13733.7	14122.8	14167.7
10°	7542.8	7862.1	8266.1	8889.7	9378.6	10316.5	11404.0	12486.5	12920.5	12995.4
12.5°	6624.9	7034.0	7572.7	8021.7	8490.6	9308.8	10351.4	11688.3	12252.0	12591.3
15°	5741.9	6165.9	6759.6	7383.2	7797.2	8775.0	10002.2	11508.7	12242.1	12541.4
17.5°	4834.0	5228.1	5717.0	6390.4	7223.5	8321.0	9947.3	12107.4	12910.5	13259.8
20°	4055.7	4275.2	4843.9	5537.4	6580.0	7857.1	9967.3	12990.4	14167.7	14322.3
22.5°	3751.4	3801.3	4025.8	4664.4	5806.8	7383.2	10321.5	14242.5	15579.5	16088.3
25°	3517.0	3507.0	3566.9	3995.9	5243.0	7198.6	10670.7	15394.9	17145.9	17699.6
27.5°	3387.3	3287.5	3292.5	3696.6	4843.9	6899.3	11119.6	16716.9	18921.8	19166.3
30°	3322.4	3302.5	3242.6	3407.2	4409.9	6450.3	11194.5	18018.9	19969.4	20323.6
32.5°	3282.5	3088.0	3013.1	3073.0	4000.9	5961.4	11473.8	18876.9	21266.5	21111.8
35°	3083.0	2908.4	2858.5	2918.3	3711.5	5687.0	11289.2	19625.2	22239.3	22498.7
37.5°	3008.1	2853.5	2753.7	2703.8	3442.1	5457.5	11194.5	20777.6	23182.1	23805.7
40°	2938.3	2773.7	2653.9	2604.1	3232.6	5153.2	11164.5	21665.6	24269.6	24643.8
42.5°	2858.5	2753.7	2619.0	2529.2	2978.2	4848.9	10820.3	21939.9	24603.9	25007.9
44°	2833.5	2673.9	2534.2	2504.3	2878.4	4694.3	10750.5	22189.4	24893.2	25506.8
45°	2808.6	2658.9	2499.3	2459.4	2843.5	4609.5	10655.7	22249.2	25372.1	25486.9
47.5°	2738.8	2644.0	2489.3	2379.6	2768.7	4424.9	10371.3	21910.0	24883.2	24903.2
50°	2683.9	2574.1	2414.5	2200.0	2668.9	4270.3	10501.0	21785.3	23705.9	23750.8
52.5°	2624.0	2459.4	2369.6	2000.4	2504.3	4140.6	10775.4	22349.0	23840.6	23830.6
55°	2554.2	2374.6	2155.1	1830.8	2229.9	3975.9	11438.9	23461.5	25087.8	25257.4
57.5°	2444.4	2289.8	1975.5	1681.2	1915.6	3661.6	11224.4	21331.3	23082.3	23112.3
60°	2299.8	2155.1	1790.9	1566.4	1571.4	2888.4	10037.1	16622.1	18213.5	18647.5
62.5°	2160.1	2080.3	1636.3	1401.8	1337.0	2299.8	8485.6	13813.5	15634.3	15993.5
65°	1995.4	1800.9	1501.6	1277.1	1147.4	1611.3	6011.3	10321.5	12197.2	12681.1
67.5°	1785.9	1576.4	1322.0	1122.4	982.8	1077.5	3102.9	5866.6	7767.3	8051.6
70°	1561.4	1366.9	1112.5	947.8	793.2	743.3	1366.9	2798.6	4245.3	4539.6
72.5°	1282.1	1102.5	888.0	748.3	593.6	513.8	459.0	748.3	1506.6	1751.0
75°	927.9	803.2	668.5	533.8	419.0	329.2	269.4	224.5	249.4	269.4
77.5°	683.4	583.7	493.9	379.1	294.3	234.5	184.6	139.7	134.7	129.7
80°	533.8	473.9	394.1	304.3	229.5	174.6	129.7	94.8	84.8	84.8
82.5°	419.0	389.1	324.3	249.4	189.6	139.7	94.8	64.9	54.9	54.9
85°	159.6	159.6	234.5	204.5	144.7	99.8	64.9	34.9	29.9	29.9
87.5°	39.9	39.9	39.9	39.9	34.9	29.9	29.9	15.0	10.0	10.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)