

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: P532500

Luminaire Tested: **GALN-SA7D-760-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P532500
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-SA7D-760-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 40129 lumens
Efficiency: N/A
Efficacy: 92.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

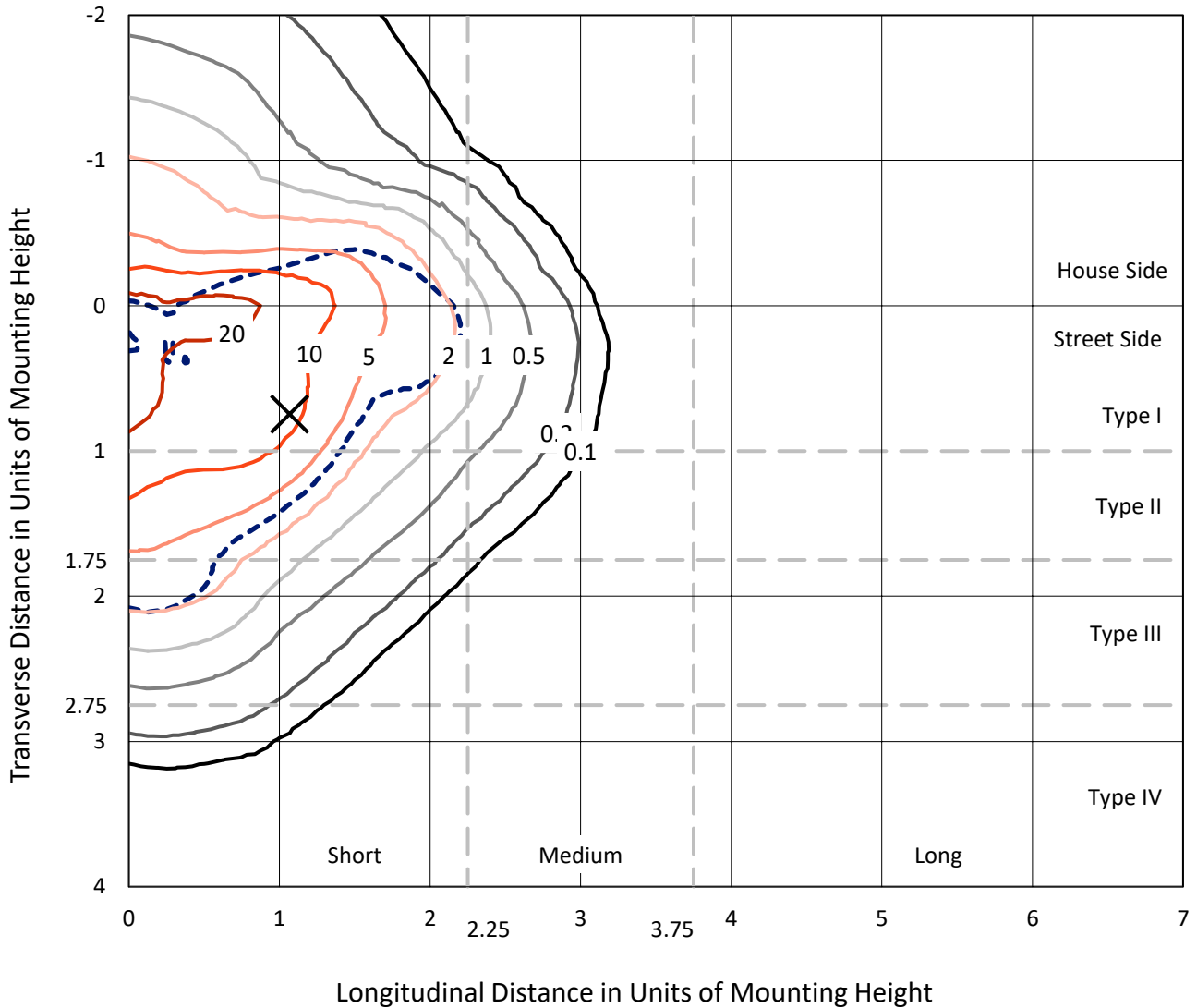
Input Watts (W): 433
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

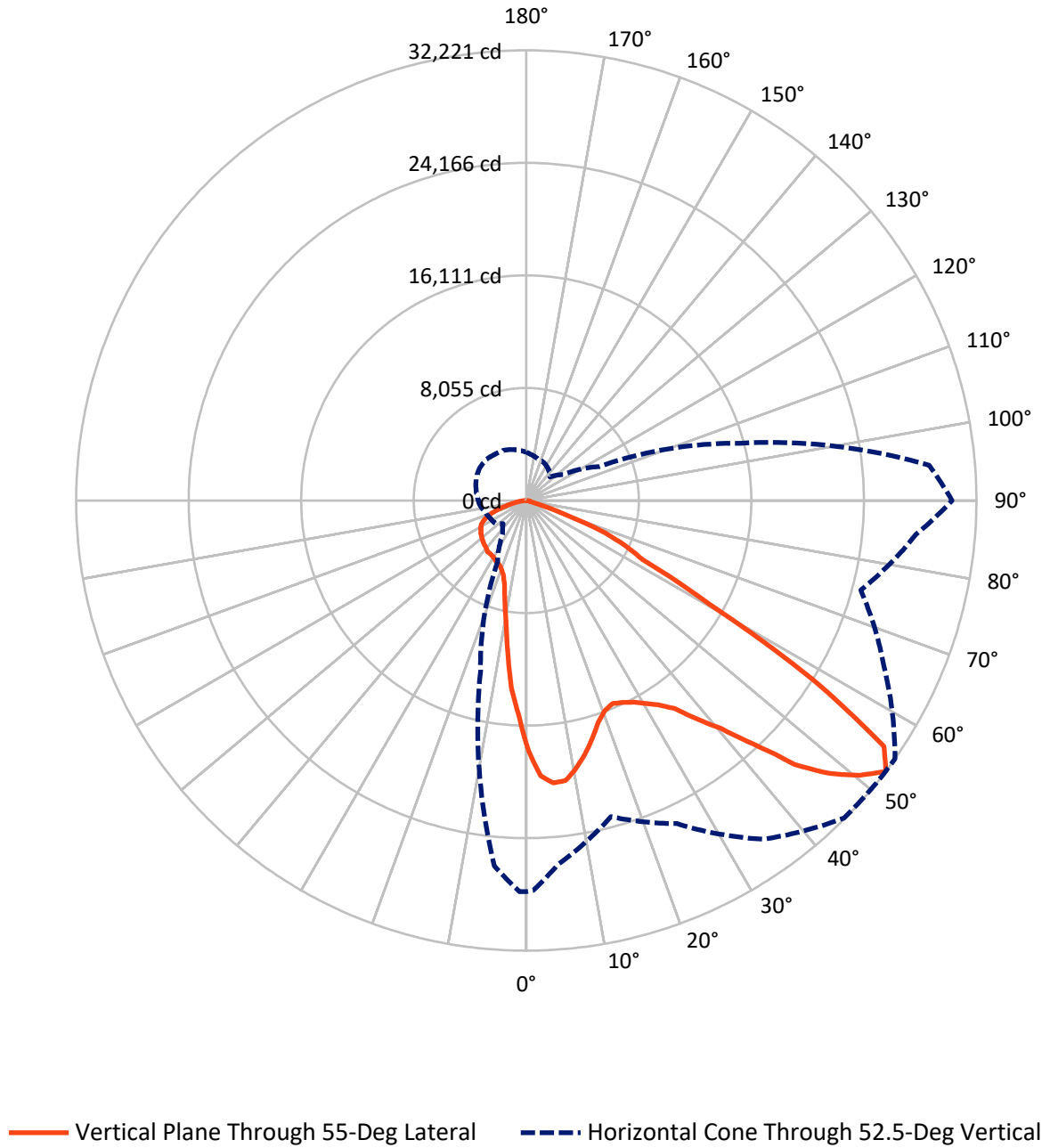
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 30.4 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA7D-760-U-SLL-GRSWH

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12241.5	0.0	12241.5
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	27887.5	0.0	27887.5
	% Fixture	69.5	0.0	69.5
Total	Lumens	40129.0	0.0	40129.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1367.6	3.4
10°-20°	2948.7	7.3
20°-30°	4471.1	11.1
30°-40°	6460.1	16.1
40°-50°	8632.5	21.5
50°-60°	9635.8	24.0
60°-70°	5285.6	13.2
70°-80°	1142.7	2.8
80°-90°	184.9	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°	40129.0	100.0
0°-180°	40129.0	100.0

Coefficient of Utilization



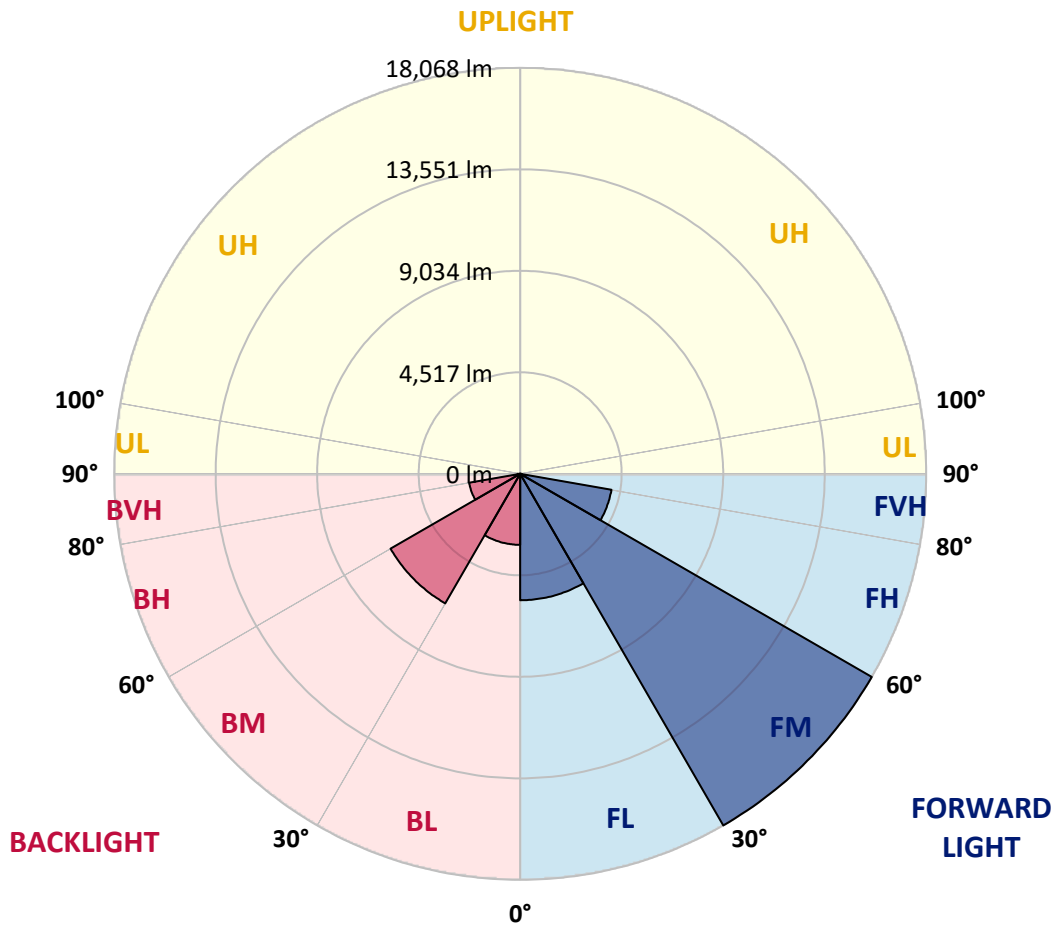
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 CATALOG NUMBER: GALN-SA7D-760-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5626.8	14.0			
FM (30°-60°)	18068.0	45.0			
FH (60°-80°)	4124.3	10.3			G2/5000
FVH (80°-90°)	68.4	0.2			G1/100
BL (0°-30°)	3160.6	7.9	B4/5000		
BM (30°-60°)	6660.4	16.6	B4/8500		
BH (60°-80°)	2304.1	5.7	B3/2500		G3/2500
BVH (80°-90°)	116.4	0.3			G2/225
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°	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6
2.5°	18785.4	18679.9	18773.7	19219.0	19476.8	19652.6	19763.9	19746.4	19324.5	18914.3	18914.3
5°	18234.6	18099.9	18293.2	19301.0	20314.7	20402.6	20549.1	20308.9	19687.8	18937.8	18000.2
7.5°	16640.9	16740.5	17062.7	18387.0	19705.4	20367.5	20543.3	20238.6	19230.7	17830.3	16453.4
10°	15263.9	15498.3	16242.4	17672.1	18885.0	19746.4	19939.7	19512.0	18715.1	16998.3	15767.8
12.5°	14789.3	14642.8	15469.0	16898.7	18058.8	18521.7	18609.6	18638.9	18099.9	16576.4	15076.4
15°	14730.7	14824.4	15469.0	16553.0	17267.8	17291.3	17437.7	17666.3	17736.6	16863.5	15398.7
17.5°	15574.4	15463.1	16125.2	16986.6	16646.7	16306.9	16342.0	16670.2	17250.2	17109.6	16412.3
20°	16822.5	17074.5	17595.9	17508.1	16594.0	15732.6	15738.5	16049.1	17191.6	18129.2	17824.5
22.5°	18896.7	19142.8	19529.6	18469.0	16594.0	15562.7	15363.5	15785.4	17566.6	19342.1	19418.2
25°	20789.3	21240.5	21346.0	20097.9	17426.0	15720.9	15592.0	16008.0	17941.7	20525.7	21246.4
27.5°	22512.0	22676.1	23139.0	21146.8	17888.9	15826.4	15814.7	16347.9	18416.3	21117.5	22881.2
30°	23871.4	23853.8	24117.5	21808.9	18627.2	16418.2	15849.8	16857.7	19037.4	22096.0	24392.9
32.5°	24797.2	24996.4	25553.1	22728.8	18937.8	16980.7	16535.4	17455.3	19793.2	22558.9	25459.3
35°	26426.1	26771.9	26068.7	23238.6	19922.2	17537.4	17015.9	18269.8	20168.2	23062.8	26766.0
37.5°	27961.3	27697.6	26982.8	23514.0	20560.8	18568.6	18082.3	19846.0	21334.3	24158.5	27633.2
40°	28945.7	28939.9	27668.4	23736.7	21012.0	20144.8	20115.5	21445.6	22764.0	24850.0	28605.9
42.5°	29373.5	29783.6	27949.6	23713.2	21961.2	22055.0	22646.8	23836.3	23777.7	24990.6	28582.4
44°	29959.4	30205.5	28435.9	23766.0	22594.1	23344.1	24738.6	25494.5	24662.5	24914.4	28553.1
45°	29936.0	29953.5	27744.5	23836.3	23133.1	24422.2	25670.3	26947.6	25441.8	24750.3	28939.9
47.5°	29250.4	29051.2	27158.6	23314.8	24814.8	27269.9	28424.2	29197.7	26402.7	24398.8	28459.4
50°	27896.9	27668.4	25734.7	23092.1	25166.4	29039.5	30633.2	30914.5	27275.8	24053.1	27984.8
52.5°	27990.6	27926.2	26139.0	23426.1	25517.9	29596.1	32150.8	32221.1	28266.0	24779.6	27990.6
55°	29666.4	29443.8	27299.2	23842.1	25260.1	28945.7	31184.0	31061.0	27932.0	24340.2	28506.3
57.5°	27146.9	27293.3	25693.7	22195.6	22107.7	23531.6	24516.0	24211.3	23308.9	21967.1	26519.9
60°	21902.6	22318.7	22471.0	18562.8	16681.9	15949.4	15656.5	15117.4	15269.7	18047.1	23297.2
62.5°	18785.4	18762.0	19717.1	16828.4	10927.9	9398.6	9257.9	9381.0	11138.8	17765.9	22816.7
65°	14894.7	15293.2	15586.2	14261.9	8648.6	6978.6	6972.8	7752.1	9638.8	14847.9	18422.1
67.5°	9457.2	9978.7	10341.9	9123.2	5783.3	4968.8	4834.1	5771.6	6679.8	9738.4	11092.0
70°	5332.1	5578.2	5742.3	5261.8	3679.7	2578.2	2425.8	2648.5	4037.2	6304.8	6574.3
72.5°	2056.7	2168.0	2390.7	2408.2	1388.7	832.0	673.8	808.6	1699.2	2496.1	2378.9
75°	316.4	339.8	480.5	574.2	398.4	304.7	322.3	334.0	474.6	644.5	539.1
77.5°	152.3	152.3	146.5	169.9	199.2	216.8	234.4	257.8	281.3	310.6	298.8
80°	99.6	99.6	99.6	117.2	146.5	175.8	199.2	210.9	222.7	246.1	234.4
82.5°	64.5	64.5	64.5	87.9	117.2	146.5	158.2	187.5	210.9	246.1	228.5
85°	35.2	35.2	35.2	58.6	87.9	123.0	117.2	93.8	52.7	5.9	11.7
87.5°	11.7	11.7	11.7	11.7	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



REPORT NUMBER: P532500

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6
2.5°	18422.1	18152.6	18129.2	17578.4	17086.2	16845.9	16652.6	16113.5	16230.7	15920.1	15914.3
5°	17531.5	16980.7	16090.1	15357.6	14625.2	14478.7	13840.0	13283.4	13301.0	12902.5	12972.8
7.5°	15931.9	15551.0	14467.0	13318.5	12345.9	11654.5	11050.9	10687.6	10224.8	10066.5	9984.5
10°	14918.2	14449.4	13230.7	11789.2	10699.4	10330.2	9750.1	9427.9	8953.2	8718.9	8554.8
12.5°	14472.9	13787.3	12263.8	10799.0	10072.4	9691.5	9199.3	8613.4	8050.9	7834.1	7535.3
15°	14519.7	13699.4	11982.6	10400.5	9527.5	8789.2	8349.7	7699.3	7125.1	6744.2	6527.4
17.5°	15228.7	14232.6	12111.5	10095.8	8841.9	7916.1	7054.8	6351.7	5894.6	5607.5	5537.2
20°	16904.5	15551.0	12328.3	9603.6	8156.4	7002.0	5941.5	5209.1	4857.5	4851.6	4857.5
22.5°	18299.1	16957.3	12767.8	9310.7	7470.8	5830.2	4775.5	4541.1	4470.8	4617.3	4634.8
25°	20180.0	18539.3	13523.6	9158.3	6838.0	4968.8	4318.4	4230.5	4224.7	4412.2	4418.0
27.5°	22107.7	19922.2	13974.8	8713.0	6193.4	4523.5	4043.0	4025.4	4119.2	4318.4	4300.8
30°	23420.2	21082.3	14789.3	8179.8	5431.7	4130.9	3931.7	3955.1	4084.0	4236.4	4259.8
32.5°	24949.6	22224.9	15000.2	7886.8	4963.0	3802.8	3662.2	3714.9	3879.0	4119.2	4248.1
35°	26701.5	23033.5	15322.5	7488.4	4787.2	3550.8	3480.5	3539.1	3738.3	3896.5	4037.2
37.5°	27996.5	24463.2	15381.1	7177.8	4593.8	3410.2	3298.9	3492.2	3609.4	3832.1	3902.4
40°	28957.4	25500.4	15533.4	6984.5	4441.5	3228.6	3228.6	3357.5	3515.7	3720.8	3861.4
42.5°	29572.7	26256.2	15644.7	6808.7	4148.5	3175.8	3146.5	3275.4	3486.4	3685.6	3750.1
44°	29947.7	26578.5	15533.4	6644.6	4066.5	3111.4	3111.4	3222.7	3386.8	3621.1	3697.3
45°	30041.4	26982.8	15287.3	6638.8	3966.9	3035.2	3023.5	3234.4	3345.7	3632.9	3679.7
47.5°	30404.7	27480.8	15316.6	6451.3	3726.6	2853.6	3058.6	3152.4	3252.0	3504.0	3662.2
50°	30393.0	27791.4	15252.2	6175.9	3550.8	2648.5	2988.3	3093.8	3193.4	3451.2	3515.7
52.5°	30475.0	28951.6	15844.0	5736.4	3234.4	2384.8	2753.9	2988.3	3111.4	3328.2	3462.9
55°	30434.0	29613.7	16429.9	5408.3	2789.1	2226.6	2554.7	2830.1	3005.9	3234.4	3298.9
57.5°	27797.3	26174.2	15205.3	4793.0	2308.6	2039.1	2273.5	2666.1	2888.7	3123.1	3205.1
60°	22711.3	20174.1	12539.2	3527.4	1898.5	1875.0	2115.3	2613.3	2707.1	2912.1	3052.8
62.5°	20988.6	17695.6	9943.5	2695.3	1623.1	1716.8	1951.2	2361.4	2507.8	2759.8	2888.7
65°	16424.1	11754.1	6158.3	1822.3	1429.7	1541.0	1763.7	2068.4	2308.6	2543.0	2695.3
67.5°	9726.7	6422.0	3046.9	1277.4	1248.1	1365.3	1593.8	1822.3	2097.7	2355.5	2431.7
70°	5296.9	3158.2	1300.8	972.7	1060.6	1166.0	1388.7	1546.9	1810.6	2009.8	2138.7
72.5°	1699.2	961.0	650.4	720.7	808.6	931.7	1066.4	1259.8	1447.3	1564.5	1669.9
75°	410.2	404.3	462.9	503.9	585.9	679.7	791.0	890.6	1037.1	1148.5	1242.2
77.5°	287.1	310.6	357.4	416.0	445.3	480.5	550.8	627.0	691.4	773.4	832.0
80°	222.7	240.2	275.4	304.7	334.0	363.3	398.4	427.7	468.8	521.5	550.8
82.5°	210.9	222.7	257.8	275.4	263.7	257.8	281.3	293.0	298.8	316.4	334.0
85°	17.6	0.0	11.7	41.0	99.6	146.5	158.2	158.2	152.3	164.1	164.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	23.4	17.6
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°	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6
2.5°	15844.0	15644.7	15720.9	15814.7	15679.9	15369.4	15451.4	15416.2	15732.6	15709.2	16025.6
5°	13283.4	12972.8	13008.0	13465.0	13318.5	13476.7	13160.3	13119.3	13177.9	13207.2	13259.9
7.5°	10166.2	10125.1	10476.7	10863.4	11045.1	10857.6	10547.0	10476.7	10412.3	10283.3	10576.3
10°	8297.0	8308.7	8285.3	8578.2	8783.3	8742.3	8554.8	8531.4	8408.3	8361.4	8525.5
12.5°	7406.4	7248.1	7172.0	7078.2	7236.4	7341.9	7259.9	7201.3	7207.1	7265.7	7289.2
15°	6545.0	6445.4	6281.3	6175.9	6252.0	6199.3	6170.0	6287.2	6257.9	6246.2	6386.8
17.5°	5578.2	5660.2	5648.5	5531.3	5630.9	5589.9	5584.1	5502.0	5390.7	5308.7	5355.5
20°	4939.5	5091.9	5209.1	5214.9	5267.7	5261.8	5173.9	4921.9	4839.9	4822.3	4834.1
22.5°	4711.0	4793.0	4933.7	5132.9	5132.9	5039.1	4933.7	4640.7	4564.5	4482.5	4447.3
25°	4529.4	4687.6	4869.2	4892.6	4986.4	4898.5	4728.6	4582.1	4423.9	4312.6	4312.6
27.5°	4435.6	4611.4	4746.2	4787.2	4916.1	4845.8	4670.0	4482.5	4295.0	4289.1	4189.5
30°	4394.6	4558.7	4646.5	4746.2	4804.8	4693.4	4640.7	4441.5	4254.0	4207.1	4043.0
32.5°	4271.5	4505.9	4670.0	4646.5	4693.4	4646.5	4570.4	4406.3	4195.4	4089.9	4072.3
35°	4130.9	4365.3	4541.1	4664.1	4693.4	4593.8	4546.9	4324.3	4037.2	3984.4	3802.8
37.5°	4054.7	4195.4	4412.2	4611.4	4652.4	4599.7	4441.5	4212.9	3925.8	3867.2	3709.0
40°	3961.0	4142.6	4312.6	4476.6	4599.7	4470.8	4289.1	4066.5	3937.6	3761.8	3714.9
42.5°	3890.7	4095.8	4236.4	4418.0	4558.7	4388.7	4177.8	4025.4	3843.8	3726.6	3591.8
44°	3867.2	4054.7	4148.5	4371.2	4488.3	4359.4	4183.7	4025.4	3814.5	3709.0	3591.8
45°	3785.2	4043.0	4142.6	4341.9	4441.5	4336.0	4113.3	3955.1	3802.8	3673.9	3550.8
47.5°	3703.2	3879.0	4048.9	4207.1	4277.4	4242.2	4054.7	3861.4	3679.7	3603.6	3486.4
50°	3679.7	3855.5	4013.7	4160.2	4242.2	4171.9	4002.0	3814.5	3603.6	3480.5	3380.9
52.5°	3562.5	3779.3	3955.1	4002.0	4107.5	4066.5	3937.6	3732.5	3533.3	3427.8	3345.7
55°	3392.6	3621.1	3861.4	3920.0	4072.3	4007.9	3814.5	3621.1	3451.2	3293.0	3187.5
57.5°	3328.2	3550.8	3785.2	3861.4	3955.1	3849.7	3802.8	3597.7	3328.2	3246.1	3082.1
60°	3164.1	3445.4	3638.7	3814.5	3820.4	3791.1	3709.0	3474.7	3252.0	3099.7	2982.5
62.5°	3035.2	3298.9	3451.2	3615.3	3714.9	3632.9	3550.8	3334.0	3093.8	2923.9	2789.1
65°	2847.7	3087.9	3216.8	3316.5	3427.8	3416.1	3275.4	3117.2	2865.3	2730.5	2601.6
67.5°	2560.6	2771.5	2947.3	3041.1	3111.4	3093.8	2988.3	2877.0	2619.2	2484.4	2390.7
70°	2214.9	2431.7	2543.0	2595.7	2666.1	2701.2	2619.2	2566.4	2337.9	2162.1	2074.2
72.5°	1781.3	1921.9	2086.0	2132.8	2162.1	2185.6	2185.6	2138.7	1904.3	1834.0	1681.7
75°	1312.5	1423.8	1546.9	1546.9	1599.6	1605.5	1617.2	1587.9	1412.1	1318.4	1283.2
77.5°	890.6	972.7	1072.3	1113.3	1148.5	1142.6	1136.7	1054.7	961.0	919.9	884.8
80°	580.1	662.1	709.0	761.7	796.9	791.0	802.7	744.2	703.1	632.8	644.5
82.5°	345.7	410.2	457.0	521.5	521.5	539.1	539.1	521.5	480.5	445.3	445.3
85°	164.1	216.8	246.1	287.1	310.6	316.4	281.3	240.2	199.2	181.6	199.2
87.5°	29.3	41.0	58.6	52.7	64.5	58.6	58.6	58.6	58.6	46.9	52.7
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: P532500

CATALOG NUMBER: GALN-SA7D-760-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6	17900.6
2.5°	15908.4	16201.4	16406.5	16746.3	17332.3	17801.0	18281.5	18638.9	18679.9	18785.4
5°	13453.3	13611.5	14133.0	14812.7	15293.2	16084.2	16594.0	17519.8	17865.5	18234.6
7.5°	10506.0	10763.8	11461.1	11918.1	12972.8	13963.1	14988.5	16131.1	16588.1	16640.9
10°	8859.5	9234.5	9709.1	10441.6	11015.8	12117.4	13394.7	14666.2	15176.0	15263.9
12.5°	7781.4	8261.8	8894.7	9422.0	9972.8	10933.7	12158.4	13728.7	14390.8	14789.3
15°	6744.2	7242.3	7939.6	8672.0	9158.3	10306.8	11748.2	13517.8	14379.1	14730.7
17.5°	5677.8	6140.7	6714.9	7506.0	8484.5	9773.6	11683.8	14220.9	15164.3	15574.4
20°	4763.7	5021.6	5689.5	6504.0	7728.6	9228.6	11707.2	15258.0	16640.9	16822.5
22.5°	4406.3	4464.9	4728.6	5478.6	6820.4	8672.0	12123.2	16728.7	18299.1	18896.7
25°	4130.9	4119.2	4189.5	4693.4	6158.3	8455.2	12533.4	18082.3	20139.0	20789.3
27.5°	3978.6	3861.4	3867.2	4341.9	5689.5	8103.6	13060.7	19635.0	22224.9	22512.0
30°	3902.4	3879.0	3808.6	4002.0	5179.8	7576.3	13148.6	21164.4	23455.4	23871.4
32.5°	3855.5	3627.0	3539.1	3609.4	4699.3	7002.0	13476.7	22172.2	24978.9	24797.2
35°	3621.1	3416.1	3357.5	3427.8	4359.4	6679.8	13259.9	23051.1	26121.5	26426.1
37.5°	3533.3	3351.6	3234.4	3175.8	4043.0	6410.2	13148.6	24404.6	27228.9	27961.3
40°	3451.2	3257.9	3117.2	3058.6	3796.9	6052.8	13113.5	25447.6	28506.3	28945.7
42.5°	3357.5	3234.4	3076.2	2970.7	3498.1	5695.4	12709.2	25769.9	28898.8	29373.5
44°	3328.2	3140.7	2976.6	2941.4	3380.9	5513.7	12627.1	26062.9	29238.7	29959.4
45°	3298.9	3123.1	2935.6	2888.7	3339.9	5414.1	12515.8	26133.2	29801.2	29936.0
47.5°	3216.8	3105.5	2923.9	2795.0	3252.0	5197.3	12181.8	25734.7	29227.0	29250.4
50°	3152.4	3023.5	2836.0	2584.0	3134.8	5015.7	12334.2	25588.2	27844.1	27896.9
52.5°	3082.1	2888.7	2783.2	2349.6	2941.4	4863.3	12656.4	26250.4	28002.3	27990.6
55°	3000.0	2789.1	2531.3	2150.4	2619.2	4670.0	13435.7	27557.0	29467.2	29666.4
57.5°	2871.1	2689.5	2320.3	1974.6	2250.0	4300.8	13183.8	25055.0	27111.7	27146.9
60°	2701.2	2531.3	2103.5	1839.9	1845.7	3392.6	11789.2	19523.7	21392.9	21902.6
62.5°	2537.1	2443.4	1921.9	1646.5	1570.3	2701.2	9966.9	16224.8	18363.5	18785.4
65°	2343.8	2115.3	1763.7	1500.0	1347.7	1892.6	7060.6	12123.2	14326.4	14894.7
67.5°	2097.7	1851.6	1552.8	1318.4	1154.3	1265.6	3644.6	6890.7	9123.2	9457.2
70°	1834.0	1605.5	1306.7	1113.3	931.7	873.1	1605.5	3287.2	4986.4	5332.1
72.5°	1505.9	1294.9	1043.0	878.9	697.3	603.5	539.1	878.9	1769.6	2056.7
75°	1089.9	943.4	785.2	627.0	492.2	386.7	316.4	263.7	293.0	316.4
77.5°	802.7	685.6	580.1	445.3	345.7	275.4	216.8	164.1	158.2	152.3
80°	627.0	556.6	462.9	357.4	269.5	205.1	152.3	111.3	99.6	99.6
82.5°	492.2	457.0	380.9	293.0	222.7	164.1	111.3	76.2	64.5	64.5
85°	187.5	187.5	275.4	240.2	169.9	117.2	76.2	41.0	35.2	35.2
87.5°	46.9	46.9	46.9	46.9	41.0	35.2	35.2	17.6	11.7	11.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)