

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: P534320

Luminaire Tested: **GALN-SA9D-740-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P534320
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-SA9D-740-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 4000K, 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: 52230 lumens
Efficiency: N/A
Efficacy: 94.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B5 - U0 - G4

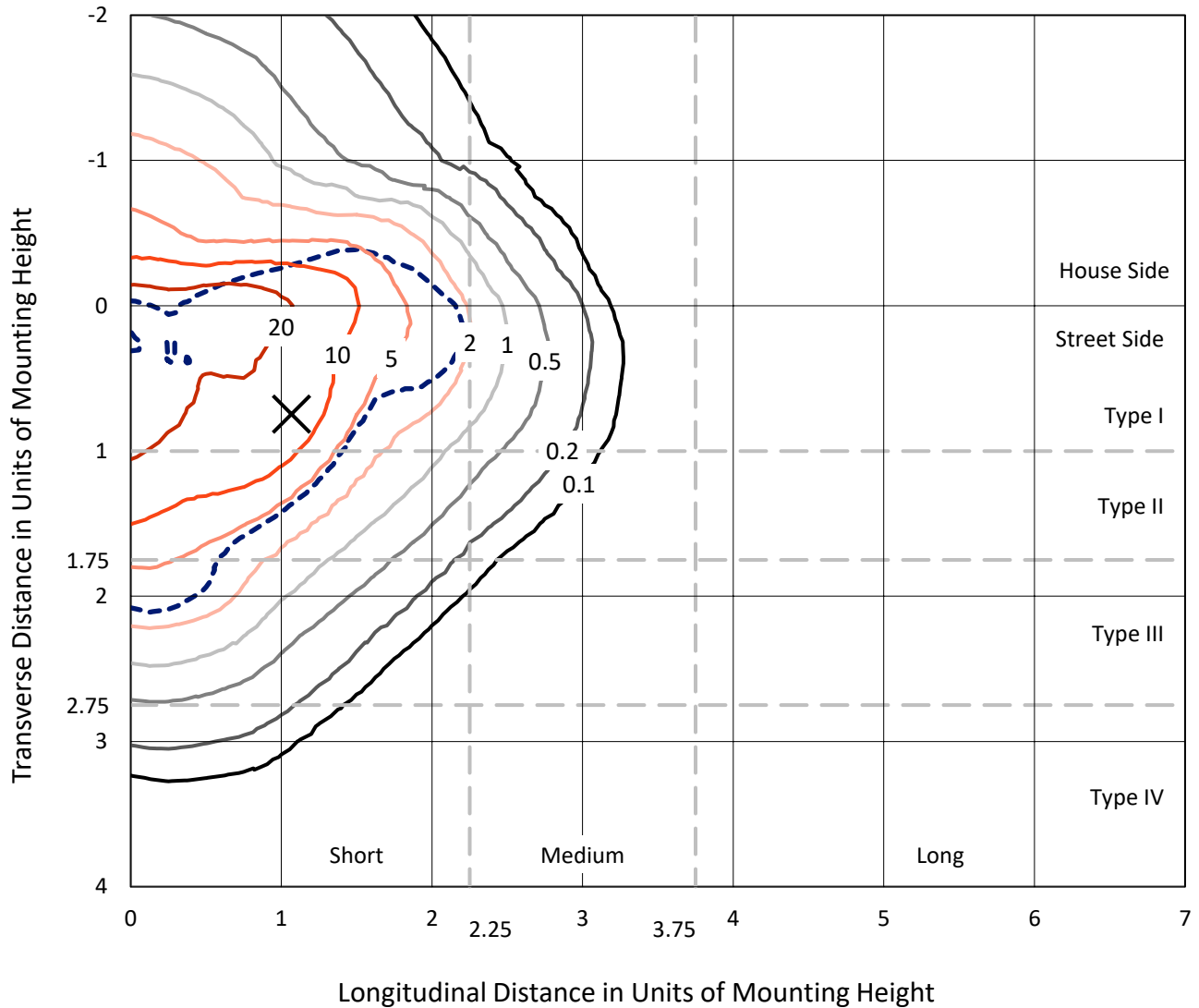
Input Watts (W): 552
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

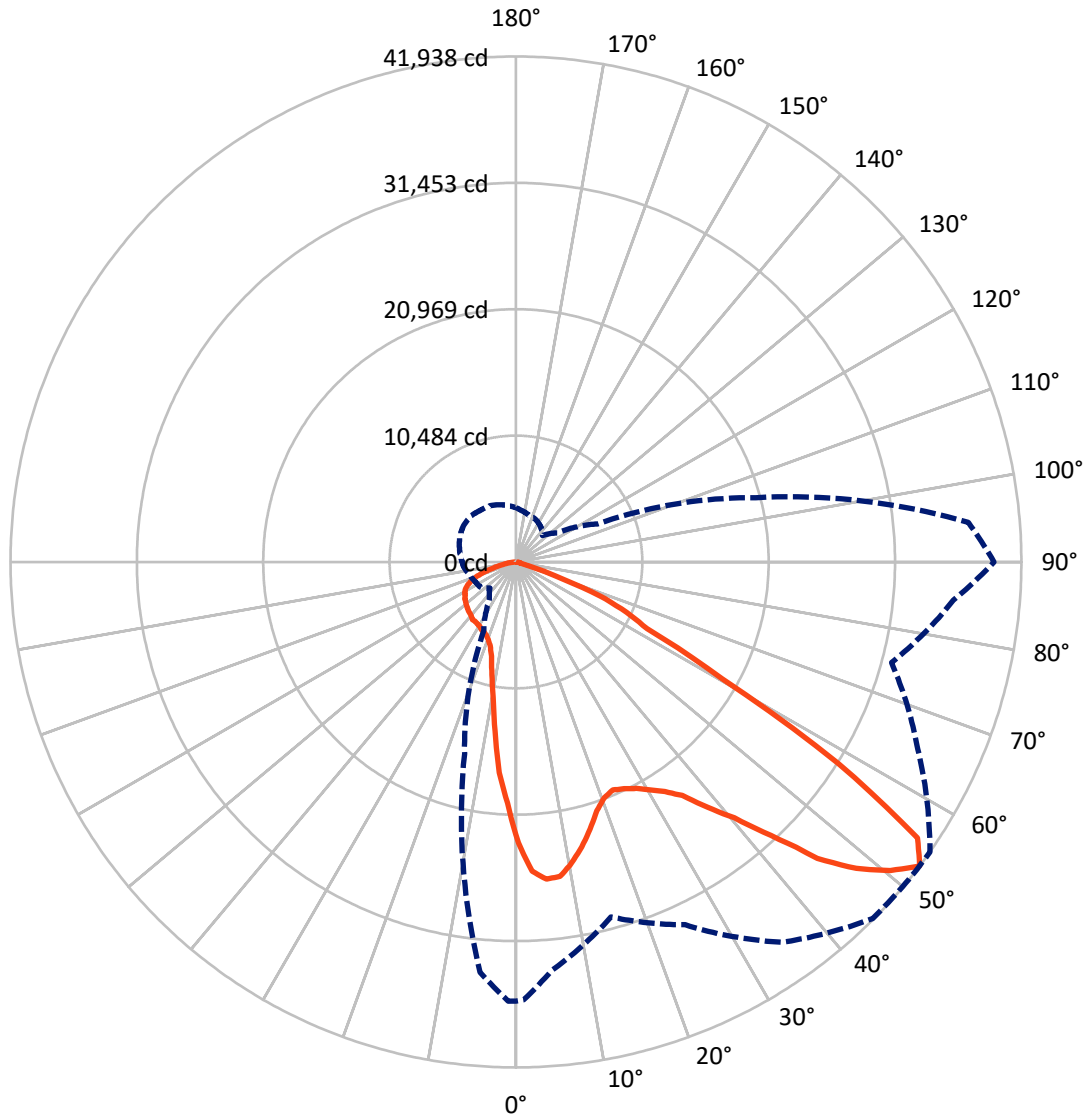
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 39.6 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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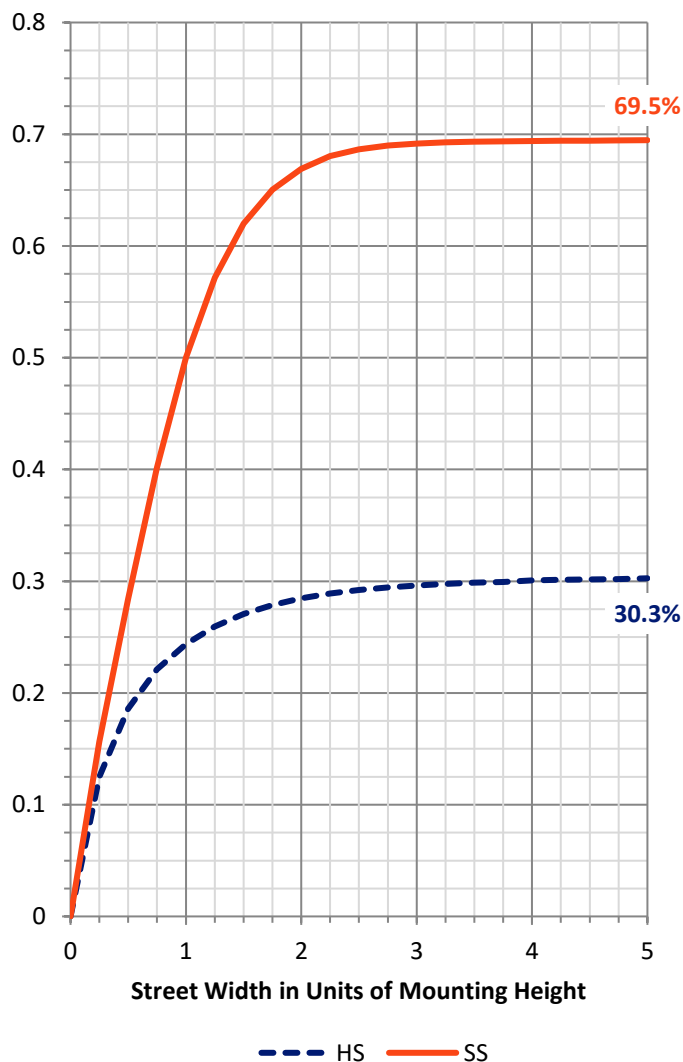
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15933.0	0.0	15933.0
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	36297.0	0.0	36297.0
	% Fixture	69.5	0.0	69.5
Total	Lumens	52230.0	0.0	52230.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1780.0	3.4
10°-20°	3837.8	7.3
20°-30°	5819.4	11.1
30°-40°	8408.2	16.1
40°-50°	11235.6	21.5
50°-60°	12541.4	24.0
60°-70°	6879.5	13.2
70°-80°	1487.3	2.8
80°-90°	240.6	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°	52230.0	100.0
0°-180°	52230.0	100.0

Coefficient of Utilization



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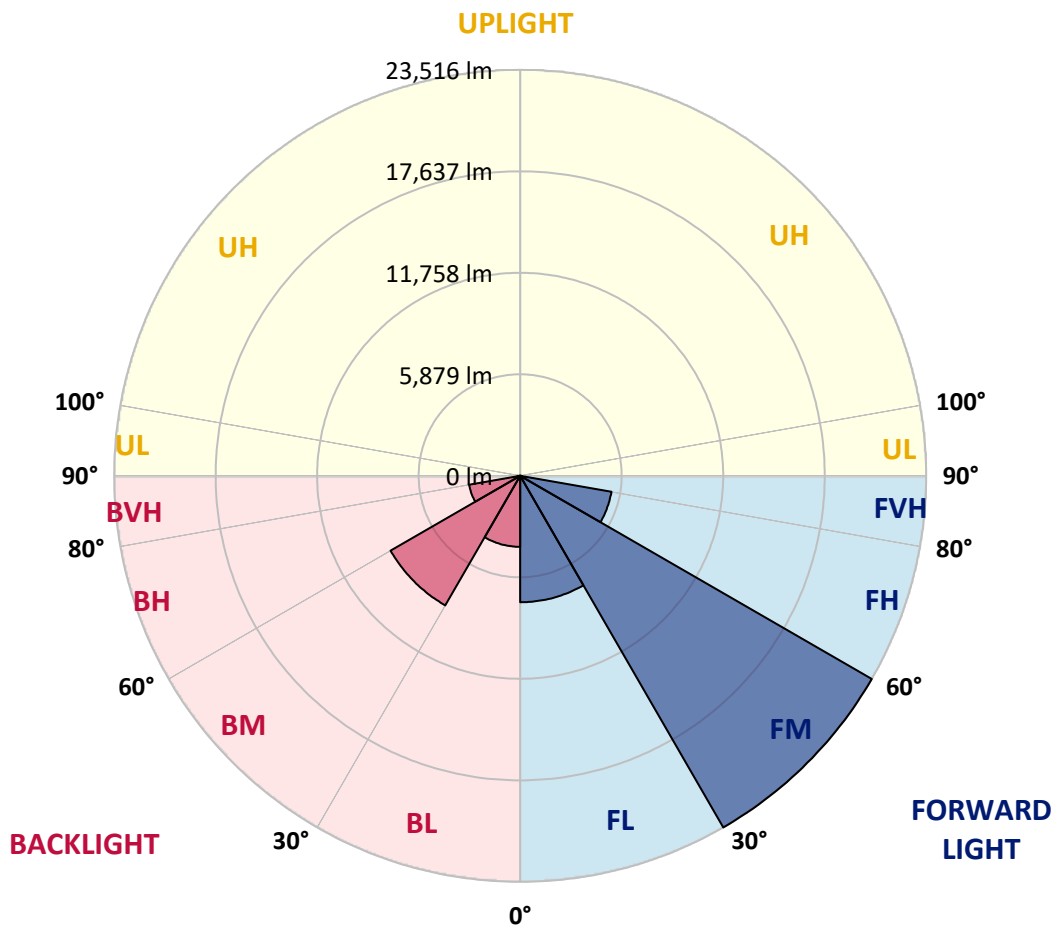
CATALOG NUMBER: GALN-SA9D-740-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	7323.6	14.0			
FM (30°-60°)	23516.4	45.0			
FH (60°-80°)	5367.9	10.3			G3/7500
FVH (80°-90°)	89.1	0.2			G1/100
BL (0°-30°)	4113.7	7.9	B4/5000		
BM (30°-60°)	8668.8	16.6	B5		
BH (60°-80°)	2999.0	5.7	B4/5000		G4/5000
BVH (80°-90°)	151.5	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G4

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6
2.5°	24450.2	24312.9	24435.0	25014.6	25350.1	25578.9	25723.8	25700.9	25151.8	24618.0	24618.0
5°	23733.3	23557.9	23809.6	25121.3	26440.7	26555.1	26745.7	26433.1	25624.7	24648.5	23428.3
7.5°	21658.9	21788.6	22208.0	23931.6	25647.5	26509.3	26738.1	26341.5	25029.8	23207.1	21414.9
10°	19866.7	20171.8	21140.4	23001.2	24579.9	25700.9	25952.6	25395.9	24358.7	22124.2	20522.6
12.5°	19249.0	19058.3	20133.7	21994.5	23504.5	24107.0	24221.4	24259.5	23557.9	21575.1	19622.7
15°	19172.7	19294.8	20133.7	21544.6	22475.0	22505.5	22696.1	22993.6	23085.1	21948.7	20042.2
17.5°	20270.9	20126.0	20987.8	22108.9	21666.6	21224.2	21270.0	21697.1	22452.1	22269.1	21361.5
20°	21895.4	22223.3	22902.0	22787.7	21597.9	20476.9	20484.5	20888.7	22375.8	23596.0	23199.5
22.5°	24595.1	24915.4	25418.8	24038.4	21597.9	20255.7	19996.4	20545.5	22863.9	25174.7	25273.9
25°	27058.4	27645.7	27782.9	26158.5	22680.9	20461.6	20293.8	20835.3	23352.0	26715.2	27653.3
27.5°	29300.6	29514.1	30116.6	27523.6	23283.4	20598.9	20583.6	21277.6	23969.7	27485.5	29781.1
30°	31069.9	31047.0	31390.2	28385.4	24244.3	21369.1	20629.4	21941.1	24778.1	28759.1	31748.7
32.5°	32274.9	32534.2	33258.7	29582.8	24648.5	22101.3	21521.7	22719.0	25761.9	29361.6	33136.7
35°	34395.0	34845.0	33929.8	30246.3	25929.7	22825.8	22147.0	23779.1	26250.0	30017.5	34837.3
37.5°	36393.1	36049.9	35119.5	30604.7	26761.0	24168.0	23535.0	25830.6	27767.7	31443.6	35966.1
40°	37674.4	37666.7	36011.8	30894.5	27348.2	26219.5	26181.4	27912.6	29628.5	32343.5	37232.0
42.5°	38231.1	38764.9	36377.9	30864.0	28583.7	28705.7	29476.0	31024.2	30947.9	32526.6	37201.5
44°	38993.7	39314.0	37010.9	30932.6	29407.4	30383.5	32198.6	33182.4	32099.5	32427.4	37163.4
45°	38963.2	38986.1	36111.0	31024.2	30109.0	31786.8	33411.2	35073.8	33113.8	32213.9	37666.7
47.5°	38070.9	37811.6	35348.3	30345.4	32297.8	35493.2	36995.6	38002.3	34364.5	31756.3	37041.4
50°	36309.2	36011.8	33495.1	30055.6	32755.3	37796.4	39870.8	40236.8	35500.8	31306.3	36423.6
52.5°	36431.3	36347.4	34021.3	30490.3	33212.9	38520.9	41846.0	41937.5	36789.7	32252.0	36431.3
55°	38612.4	38322.6	35531.3	31031.8	32877.4	37674.4	40587.6	40427.5	36355.0	31680.0	37102.4
57.5°	35333.1	35523.7	33441.7	28888.8	28774.4	30627.6	31908.8	31512.2	30337.8	28591.3	34517.0
60°	28507.4	29048.9	29247.2	24160.4	21712.3	20759.0	20377.7	19676.1	19874.4	23489.3	30322.5
62.5°	24450.2	24419.7	25662.8	21903.0	14223.2	12232.7	12049.7	12209.8	14497.8	23123.2	29697.2
65°	19386.3	19904.9	20286.2	18562.6	11256.6	9083.0	9075.4	10089.7	12545.4	19325.3	23977.4
67.5°	12309.0	12987.7	13460.6	11874.3	7527.2	6467.2	6291.8	7512.0	8694.1	12675.1	14436.8
70°	6940.0	7260.3	7473.9	6848.5	4789.4	3355.6	3157.3	3447.1	5254.6	8206.0	8556.8
72.5°	2676.9	2821.8	3111.6	3134.4	1807.5	1082.9	877.0	1052.4	2211.7	3248.8	3096.3
75°	411.8	442.3	625.4	747.4	518.6	396.6	419.5	434.7	617.7	838.9	701.6
77.5°	198.3	198.3	190.7	221.2	259.3	282.2	305.1	335.6	366.1	404.2	388.9
80°	129.6	129.6	129.6	152.5	190.7	228.8	259.3	274.6	289.8	320.3	305.1
82.5°	83.9	83.9	83.9	114.4	152.5	190.7	205.9	244.0	274.6	320.3	297.4
85°	45.8	45.8	45.8	76.3	114.4	160.2	152.5	122.0	68.6	7.6	15.3
87.5°	15.3	15.3	15.3	15.3	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°	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6
2.5°	23977.4	23626.6	23596.0	22879.2	22238.6	21925.9	21674.2	20972.6	21125.1	20720.9	20713.3
5°	22818.2	22101.3	20942.1	19988.8	19035.5	18844.8	18013.5	17289.0	17311.9	16793.3	16884.8
7.5°	20736.2	20240.4	18829.6	17334.8	16068.8	15168.9	14383.4	13910.5	13308.0	13102.1	12995.4
10°	19416.8	18806.7	17220.4	15344.3	13925.8	13445.3	12690.3	12270.9	11653.1	11348.1	11134.5
12.5°	18837.2	17944.9	15962.0	14055.4	13109.8	12614.0	11973.4	11210.8	10478.7	10196.5	9807.5
15°	18898.2	17830.5	15596.0	13536.8	12400.5	11439.6	10867.6	10021.1	9273.7	8778.0	8495.8
17.5°	19821.0	18524.5	15763.7	13140.3	11508.2	10303.3	9182.2	8267.0	7672.1	7298.5	7206.9
20°	22002.1	20240.4	16045.9	12499.7	10615.9	9113.5	7733.2	6779.9	6322.3	6314.7	6322.3
22.5°	23817.2	22070.8	16617.9	12118.3	9723.6	7588.3	6215.5	5910.5	5818.9	6009.6	6032.5
25°	26265.3	24129.9	17601.7	11920.0	8900.0	6467.2	5620.6	5506.3	5498.6	5742.7	5750.3
27.5°	28774.4	25929.7	18188.9	11340.4	8061.1	5887.6	5262.2	5239.3	5361.4	5620.6	5597.8
30°	30482.7	27439.7	19249.0	10646.4	7069.7	5376.6	5117.3	5147.8	5315.6	5513.9	5544.4
32.5°	32473.2	28926.9	19523.6	10265.1	6459.6	4949.5	4766.5	4835.1	5048.7	5361.4	5529.1
35°	34753.5	29979.3	19943.0	9746.5	6230.8	4621.6	4530.1	4606.3	4865.6	5071.5	5254.6
37.5°	36438.9	31840.2	20019.3	9342.3	5979.1	4438.6	4293.7	4545.3	4697.9	4987.7	5079.2
40°	37689.6	33190.0	20217.6	9090.7	5780.8	4202.1	4202.1	4369.9	4575.8	4842.8	5025.8
42.5°	38490.4	34173.9	20362.5	8861.9	5399.5	4133.5	4095.4	4263.2	4537.7	4797.0	4880.9
44°	38978.5	34593.3	20217.6	8648.3	5292.7	4049.6	4049.6	4194.5	4408.1	4713.1	4812.3
45°	39100.5	35119.5	19897.3	8640.7	5163.1	3950.5	3935.2	4209.8	4354.7	4728.4	4789.4
47.5°	39573.3	35767.8	19935.4	8396.7	4850.4	3714.1	3981.0	4103.0	4232.6	4560.6	4766.5
50°	39558.1	36172.0	19851.5	8038.2	4621.6	3447.1	3889.5	4026.7	4156.4	4491.9	4575.8
52.5°	39664.9	37682.0	20621.8	7466.2	4209.8	3103.9	3584.4	3889.5	4049.6	4331.8	4507.2
55°	39611.5	38543.8	21384.4	7039.2	3630.2	2898.0	3325.1	3683.5	3912.3	4209.8	4293.7
57.5°	36179.6	34067.1	19790.5	6238.4	3004.8	2654.0	2959.0	3470.0	3759.8	4064.9	4171.6
60°	29559.9	26257.7	16320.5	4591.1	2471.0	2440.4	2753.1	3401.4	3523.4	3790.3	3973.3
62.5°	27317.7	23031.7	12942.0	3508.1	2112.5	2234.5	2539.6	3073.4	3264.1	3592.0	3759.8
65°	21376.8	15298.5	8015.3	2371.8	1860.8	2005.7	2295.5	2692.1	3004.8	3309.9	3508.1
67.5°	12659.8	8358.5	3965.7	1662.6	1624.4	1776.9	2074.4	2371.8	2730.2	3065.8	3165.0
70°	6894.3	4110.6	1693.1	1266.0	1380.4	1517.7	1807.5	2013.4	2356.6	2615.9	2783.6
72.5°	2211.7	1250.7	846.5	938.0	1052.4	1212.6	1388.0	1639.7	1883.7	2036.2	2173.5
75°	533.8	526.2	602.5	655.9	762.6	884.7	1029.6	1159.2	1349.9	1494.8	1616.8
77.5°	373.7	404.2	465.2	541.5	579.6	625.4	716.9	816.0	899.9	1006.7	1082.9
80°	289.8	312.7	358.4	396.6	434.7	472.8	518.6	556.7	610.1	678.7	716.9
82.5°	274.6	289.8	335.6	358.4	343.2	335.6	366.1	381.3	388.9	411.8	434.7
85°	22.9	0.0	15.3	53.4	129.6	190.7	205.9	205.9	198.3	213.5	213.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	30.5	22.9
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°	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6
2.5°	20621.8	20362.5	20461.6	20583.6	20408.2	20004.0	20110.8	20065.0	20476.9	20446.4	20858.2
5°	17289.0	16884.8	16930.6	17525.4	17334.8	17540.7	17128.9	17075.5	17151.8	17189.9	17258.5
7.5°	13231.8	13178.4	13636.0	14139.3	14375.7	14131.7	13727.5	13636.0	13552.1	13384.3	13765.6
10°	10799.0	10814.2	10783.7	11165.0	11432.0	11378.6	11134.5	11104.0	10943.9	10882.9	11096.4
12.5°	9639.8	9433.8	9334.7	9212.7	9418.6	9555.9	9449.1	9372.8	9380.5	9456.7	9487.2
15°	8518.7	8389.0	8175.5	8038.2	8137.4	8068.7	8030.6	8183.1	8145.0	8129.7	8312.8
17.5°	7260.3	7367.1	7351.8	7199.3	7329.0	7275.6	7267.9	7161.2	7016.3	6909.5	6970.5
20°	6429.0	6627.3	6779.9	6787.5	6856.1	6848.5	6734.1	6406.2	6299.4	6276.5	6291.8
22.5°	6131.6	6238.4	6421.4	6680.7	6680.7	6558.7	6421.4	6040.1	5941.0	5834.2	5788.4
25°	5895.2	6101.1	6337.5	6368.0	6490.1	6375.7	6154.5	5963.8	5757.9	5613.0	5613.0
27.5°	5773.2	6002.0	6177.4	6230.8	6398.5	6307.0	6078.2	5834.2	5590.1	5582.5	5452.9
30°	5719.8	5933.3	6047.7	6177.4	6253.6	6108.7	6040.1	5780.8	5536.8	5475.7	5262.2
32.5°	5559.6	5864.7	6078.2	6047.7	6108.7	6047.7	5948.6	5735.0	5460.5	5323.2	5300.3
35°	5376.6	5681.7	5910.5	6070.6	6108.7	5979.1	5918.1	5628.3	5254.6	5185.9	4949.5
37.5°	5277.5	5460.5	5742.7	6002.0	6055.4	5986.7	5780.8	5483.4	5109.7	5033.4	4827.5
40°	5155.4	5391.9	5613.0	5826.6	5986.7	5818.9	5582.5	5292.7	5124.9	4896.1	4835.1
42.5°	5063.9	5330.8	5513.9	5750.3	5933.3	5712.2	5437.6	5239.3	5002.9	4850.4	4675.0
44°	5033.4	5277.5	5399.5	5689.3	5841.8	5674.0	5445.2	5239.3	4964.8	4827.5	4675.0
45°	4926.6	5262.2	5391.9	5651.2	5780.8	5643.5	5353.7	5147.8	4949.5	4781.7	4621.6
47.5°	4819.9	5048.7	5269.8	5475.7	5567.3	5521.5	5277.5	5025.8	4789.4	4690.2	4537.7
50°	4789.4	5018.2	5224.1	5414.7	5521.5	5430.0	5208.8	4964.8	4690.2	4530.1	4400.4
52.5°	4636.8	4919.0	5147.8	5208.8	5346.1	5292.7	5124.9	4858.0	4598.7	4461.4	4354.7
55°	4415.7	4713.1	5025.8	5102.1	5300.3	5216.5	4964.8	4713.1	4491.9	4286.0	4148.8
57.5°	4331.8	4621.6	4926.6	5025.8	5147.8	5010.5	4949.5	4682.6	4331.8	4225.0	4011.5
60°	4118.3	4484.3	4736.0	4964.8	4972.4	4934.3	4827.5	4522.4	4232.6	4034.4	3881.8
62.5°	3950.5	4293.7	4491.9	4705.5	4835.1	4728.4	4621.6	4339.4	4026.7	3805.6	3630.2
65°	3706.4	4019.1	4186.9	4316.5	4461.4	4446.2	4263.2	4057.2	3729.3	3553.9	3386.1
67.5°	3332.7	3607.3	3836.1	3958.1	4049.6	4026.7	3889.5	3744.6	3409.0	3233.6	3111.6
70°	2882.8	3165.0	3309.9	3378.5	3470.0	3515.8	3409.0	3340.4	3042.9	2814.1	2699.7
72.5°	2318.4	2501.5	2715.0	2776.0	2814.1	2844.6	2844.6	2783.6	2478.6	2387.1	2188.8
75°	1708.3	1853.2	2013.4	2013.4	2082.0	2089.6	2104.9	2066.8	1838.0	1715.9	1670.2
77.5°	1159.2	1266.0	1395.6	1449.0	1494.8	1487.1	1479.5	1372.8	1250.7	1197.3	1151.6
80°	755.0	861.8	922.8	991.4	1037.2	1029.6	1044.8	968.6	915.2	823.7	838.9
82.5°	450.0	533.8	594.9	678.7	678.7	701.6	701.6	678.7	625.4	579.6	579.6
85°	213.5	282.2	320.3	373.7	404.2	411.8	366.1	312.7	259.3	236.4	259.3
87.5°	38.1	53.4	76.3	68.6	83.9	76.3	76.3	76.3	76.3	61.0	68.6
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: P534320

CATALOG NUMBER: GALN-SA9D-740-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6	23298.6
2.5°	20705.6	21087.0	21353.9	21796.2	22558.9	23169.0	23794.3	24259.5	24312.9	24450.2
5°	17510.2	17716.1	18394.9	19279.5	19904.9	20934.4	21597.9	22802.9	23252.9	23733.3
7.5°	13674.1	14009.7	14917.2	15512.1	16884.8	18173.7	19508.3	20995.5	21590.3	21658.9
10°	11531.1	12019.2	12636.9	13590.2	14337.6	15771.4	17433.9	19088.9	19752.3	19866.7
12.5°	10127.8	10753.2	11576.9	12263.2	12980.1	14230.8	15824.8	17868.6	18730.4	19249.0
15°	8778.0	9426.2	10333.8	11287.1	11920.0	13414.8	15290.9	17594.1	18715.2	19172.7
17.5°	7390.0	7992.5	8739.8	9769.4	11043.0	12720.8	15207.0	18509.2	19737.1	20270.9
20°	6200.3	6535.8	7405.2	8465.3	10059.2	12011.6	15237.5	19859.1	21658.9	21895.4
22.5°	5735.0	5811.3	6154.5	7130.7	8877.1	11287.1	15779.0	21773.3	23817.2	24595.1
25°	5376.6	5361.4	5452.9	6108.7	8015.3	11004.9	16312.8	23535.0	26211.9	27058.4
27.5°	5178.3	5025.8	5033.4	5651.2	7405.2	10547.3	16999.2	25556.0	28926.9	29300.6
30°	5079.2	5048.7	4957.2	5208.8	6741.7	9860.9	17113.6	27546.5	30528.4	31069.9
32.5°	5018.2	4720.7	4606.3	4697.9	6116.4	9113.5	17540.7	28858.3	32511.3	32274.9
35°	4713.1	4446.2	4369.9	4461.4	5674.0	8694.1	17258.5	30002.2	33998.4	34395.0
37.5°	4598.7	4362.3	4209.8	4133.5	5262.2	8343.3	17113.6	31763.9	35439.8	36393.1
40°	4491.9	4240.3	4057.2	3981.0	4941.9	7878.1	17067.9	33121.4	37102.4	37674.4
42.5°	4369.9	4209.8	4003.9	3866.6	4553.0	7412.9	16541.6	33540.9	37613.4	38231.1
44°	4331.8	4087.7	3874.2	3828.4	4400.4	7176.4	16434.9	33922.2	38055.7	38993.7
45°	4293.7	4064.9	3820.8	3759.8	4347.0	7046.8	16290.0	34013.7	38787.8	38963.2
47.5°	4186.9	4042.0	3805.6	3637.8	4232.6	6764.6	15855.3	33495.1	38040.4	38070.9
50°	4103.0	3935.2	3691.2	3363.2	4080.1	6528.2	16053.6	33304.4	36240.6	36309.2
52.5°	4011.5	3759.8	3622.5	3058.2	3828.4	6329.9	16473.0	34166.2	36446.5	36431.3
55°	3904.7	3630.2	3294.6	2798.9	3409.0	6078.2	17487.3	35866.9	38353.1	38612.4
57.5°	3736.9	3500.5	3020.1	2570.1	2928.5	5597.8	17159.4	32610.4	35287.3	35333.1
60°	3515.8	3294.6	2737.9	2394.7	2402.3	4415.7	15344.3	25411.1	27843.9	28507.4
62.5°	3302.2	3180.2	2501.5	2143.0	2043.9	3515.8	12972.5	21117.5	23901.1	24450.2
65°	3050.6	2753.1	2295.5	1952.4	1754.1	2463.3	9189.8	15779.0	18646.5	19386.3
67.5°	2730.2	2409.9	2021.0	1715.9	1502.4	1647.3	4743.6	8968.6	11874.3	12309.0
70°	2387.1	2089.6	1700.7	1449.0	1212.6	1136.3	2089.6	4278.4	6490.1	6940.0
72.5°	1960.0	1685.4	1357.5	1144.0	907.5	785.5	701.6	1144.0	2303.2	2676.9
75°	1418.5	1227.8	1021.9	816.0	640.6	503.3	411.8	343.2	381.3	411.8
77.5°	1044.8	892.3	755.0	579.6	450.0	358.4	282.2	213.5	205.9	198.3
80°	816.0	724.5	602.5	465.2	350.8	266.9	198.3	144.9	129.6	129.6
82.5°	640.6	594.9	495.7	381.3	289.8	213.5	144.9	99.1	83.9	83.9
85°	244.0	244.0	358.4	312.7	221.2	152.5	99.1	53.4	45.8	45.8
87.5°	61.0	61.0	61.0	61.0	53.4	45.8	45.8	22.9	15.3	15.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)