

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: P534268

Luminaire Tested: **GALN-SA9D-730-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P534268
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-730-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3000K, 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: 47567 lumens
Efficiency: N/A
Efficacy: 86.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G4

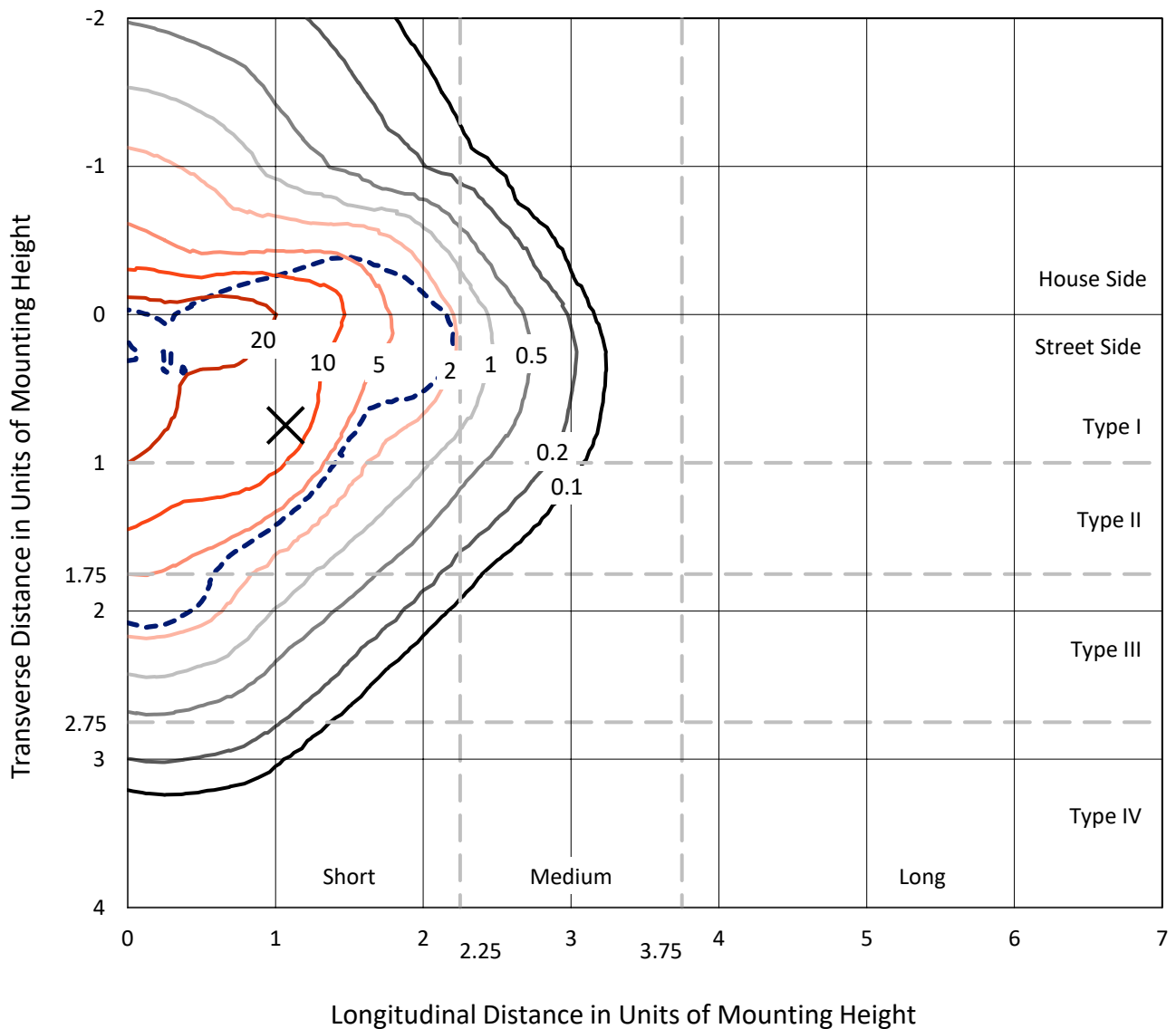
Input Watts (W): 552
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

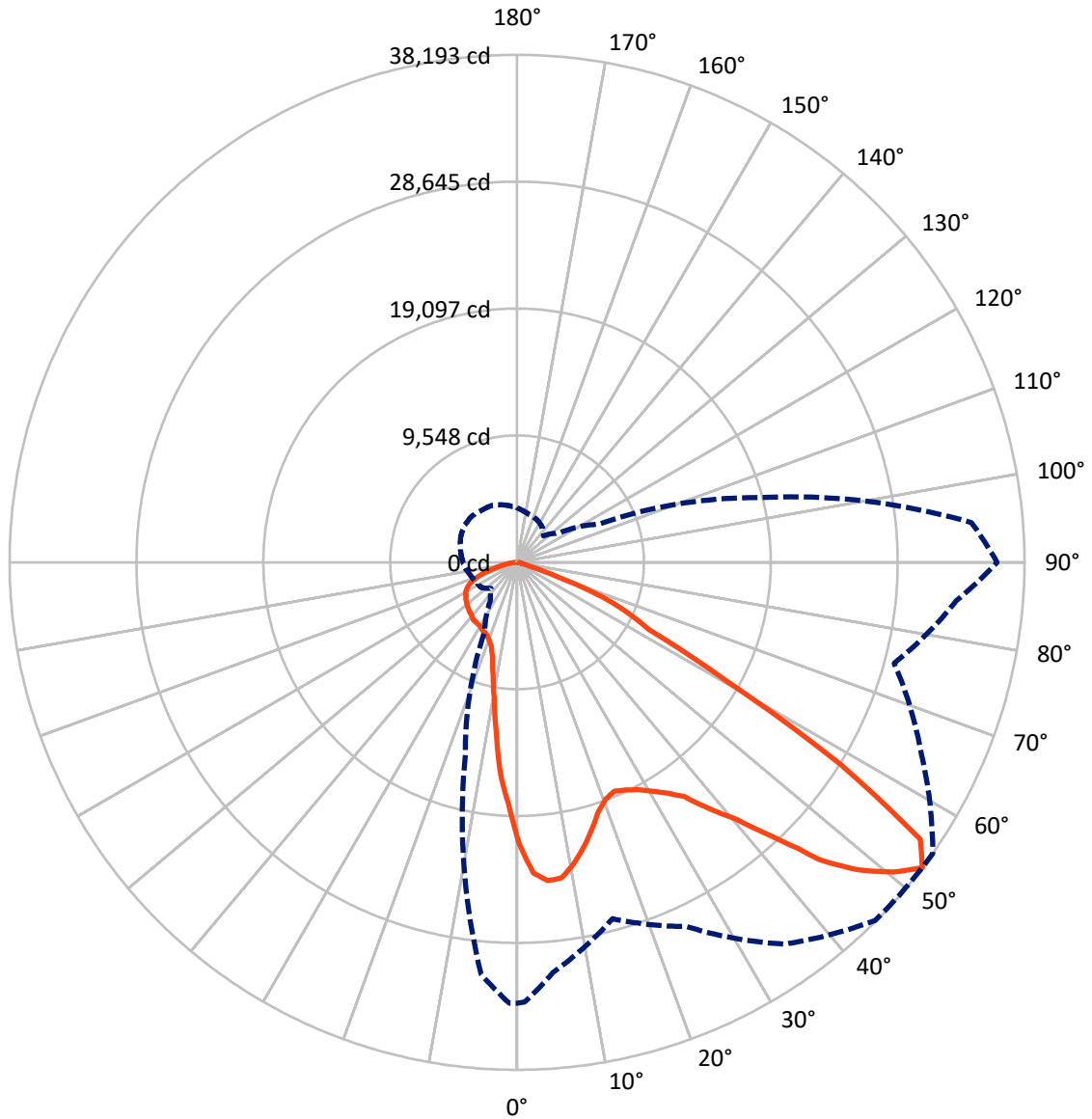
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 36.1 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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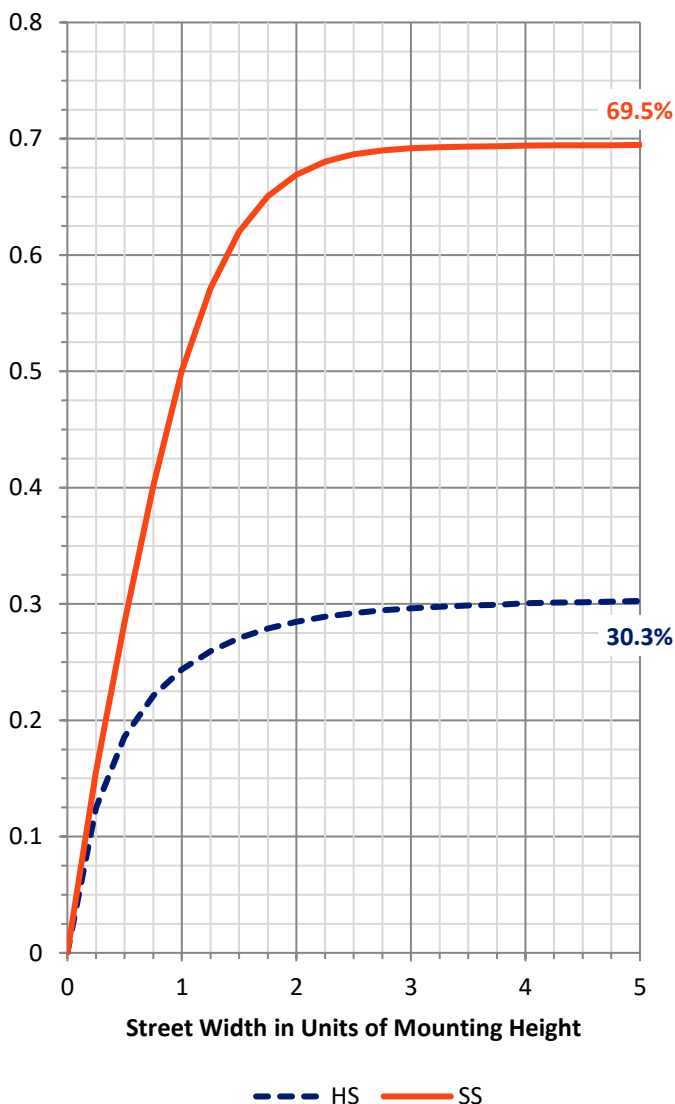
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14510.5	0.0	14510.5
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	33056.5	0.0	33056.5
	% Fixture	69.5	0.0	69.5
Total	Lumens	47567.0	0.0	47567.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1621.1	3.4
10°-20°	3495.2	7.3
20°-30°	5299.9	11.1
30°-40°	7657.5	16.1
40°-50°	10232.5	21.5
50°-60°	11421.8	24.0
60°-70°	6265.3	13.2
70°-80°	1354.6	2.8
80°-90°	219.1	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°	47567.0	100.0
0°-180°	47567.0	100.0

Coefficient of Utilization

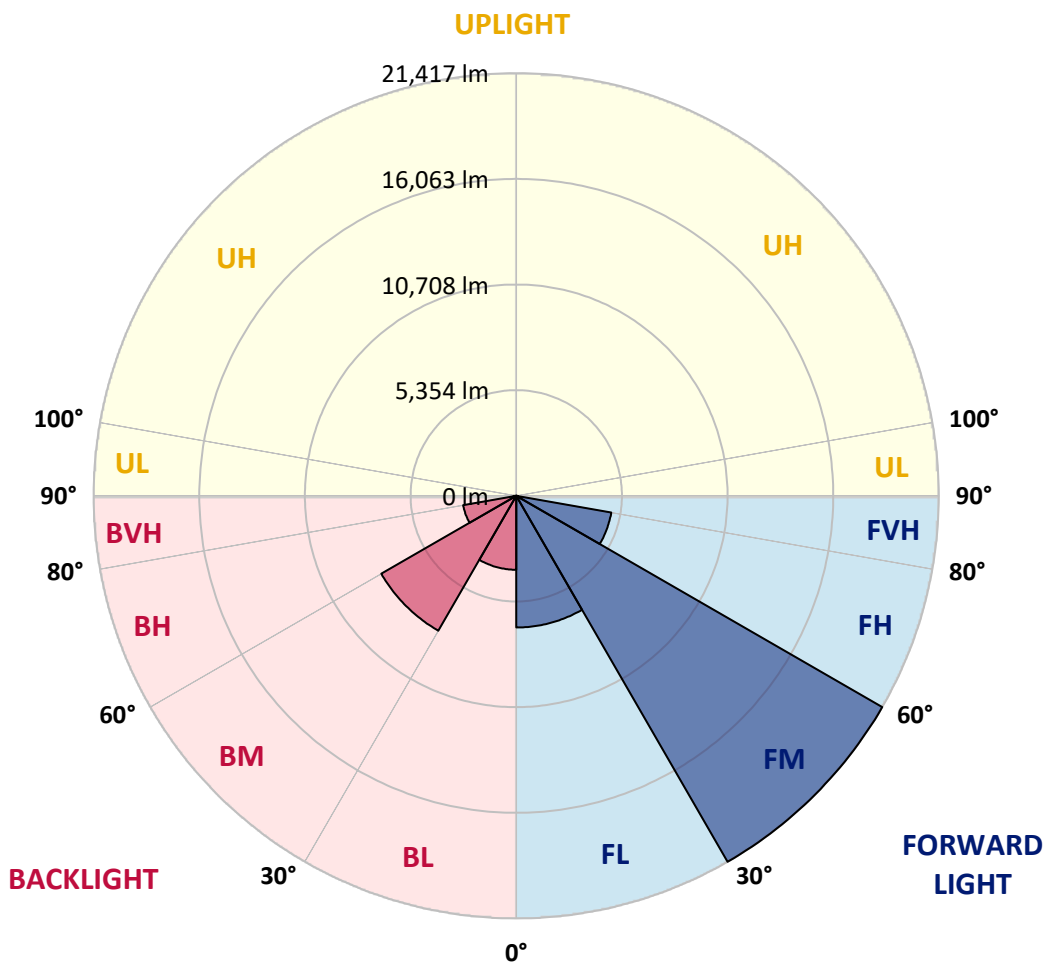


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6669.8	14.0			
FM (30°-60°)	21416.9	45.0			
FH (60°-80°)	4888.7	10.3			G2/5000
FVH (80°-90°)	81.1	0.2			G1/100
BL (0°-30°)	3746.4	7.9	B4/5000		
BM (30°-60°)	7894.9	16.6	B4/8500		
BH (60°-80°)	2731.2	5.7	B4/5000		G4/5000
BVH (80°-90°)	138.0	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-G4
 Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6
2.5°	22267.3	22142.3	22253.4	22781.3	23086.9	23295.3	23427.2	23406.4	22906.3	22420.1	22420.1
5°	21614.5	21454.7	21683.9	22878.5	24080.1	24184.3	24357.9	24073.2	23336.9	22447.9	21336.6
7.5°	19725.3	19843.3	20225.4	21795.0	23357.8	24142.6	24351.0	23989.8	22795.2	21135.2	19503.0
10°	18093.1	18370.9	19253.0	20947.7	22385.4	23406.4	23635.6	23128.6	22184.0	20149.0	18690.4
12.5°	17530.5	17356.9	18336.2	20030.9	21406.1	21954.8	22059.0	22093.7	21454.7	19648.9	17870.8
15°	17461.0	17572.2	18336.2	19621.1	20468.4	20496.2	20669.9	20940.7	21024.1	19989.2	18252.8
17.5°	18461.2	18329.2	19114.1	20135.1	19732.2	19329.4	19371.1	19760.0	20447.6	20280.9	19454.4
20°	19940.6	20239.2	20857.4	20753.2	19669.7	18648.7	18655.7	19023.8	20378.2	21489.4	21128.3
22.5°	22399.3	22691.0	23149.4	21892.3	19669.7	18447.3	18211.2	18711.2	20822.7	22927.2	23017.5
25°	24642.7	25177.5	25302.5	23823.1	20656.0	18634.8	18482.0	18975.2	21267.2	24330.2	25184.5
27.5°	26684.7	26879.2	27427.9	25066.4	21204.7	18759.8	18746.0	19378.0	21829.8	25031.7	27122.3
30°	28296.0	28275.2	28587.8	25851.2	22079.8	19461.3	18787.6	19982.3	22566.0	26191.6	28914.2
32.5°	29393.4	29629.6	30289.4	26941.7	22447.9	20128.1	19600.3	20690.7	23462.0	26740.2	30178.3
35°	31324.3	31734.1	30900.6	27545.9	23614.8	20787.9	20169.8	21656.1	23906.5	27337.6	31727.1
37.5°	33144.0	32831.5	31984.1	27872.4	24371.8	22010.4	21433.9	23524.5	25288.6	28636.4	32755.1
40°	34310.9	34303.9	32796.7	28136.3	24906.6	23878.7	23844.0	25420.6	26983.3	29455.9	33908.0
42.5°	34817.9	35304.1	33130.1	28108.5	26031.8	26142.9	26844.4	28254.4	28184.9	29622.6	33880.2
44°	35512.4	35804.2	33706.6	28171.0	26781.9	27670.9	29324.0	30220.0	29233.7	29532.3	33845.5
45°	35484.7	35505.5	32887.0	28254.4	27420.9	28948.9	30428.3	31942.4	30157.4	29337.9	34303.9
47.5°	34672.0	34435.9	32192.5	27636.2	29414.3	32324.4	33692.7	34609.5	31296.5	28921.1	33734.4
50°	33067.6	32796.7	30504.7	27372.3	29831.0	34422.0	36311.2	36644.6	32331.4	28511.4	33171.8
52.5°	33178.7	33102.3	30984.0	27768.2	30247.7	35081.8	38110.1	38193.4	33505.2	29372.6	33178.7
55°	35165.2	34901.2	32359.2	28261.3	29942.1	34310.9	36964.1	36818.2	33109.3	28851.7	33790.0
57.5°	32178.6	32352.2	30456.1	26309.6	26205.4	27893.2	29060.1	28698.9	27629.3	26038.8	31435.4
60°	25962.4	26455.5	26636.1	22003.4	19773.9	18905.7	18558.4	17919.4	18100.0	21392.2	27615.4
62.5°	22267.3	22239.6	23371.7	19947.5	12953.4	11140.6	10973.9	11119.8	13203.4	21058.8	27045.9
65°	17655.5	18127.8	18475.1	16905.4	10251.6	8272.1	8265.2	9188.9	11425.4	17599.9	21836.7
67.5°	11210.1	11828.2	12258.8	10814.2	6855.2	5889.8	5730.1	6841.3	7917.9	11543.5	13147.9
70°	6320.4	6612.1	6806.6	6237.1	4361.8	3056.0	2875.4	3139.4	4785.5	7473.4	7792.9
72.5°	2437.9	2569.8	2833.8	2854.6	1646.1	986.3	798.7	958.5	2014.2	2958.8	2819.9
75°	375.1	402.8	569.5	680.7	472.3	361.2	382.0	395.9	562.6	764.0	639.0
77.5°	180.6	180.6	173.6	201.4	236.1	257.0	277.8	305.6	333.4	368.1	354.2
80°	118.1	118.1	118.1	138.9	173.6	208.4	236.1	250.0	263.9	291.7	277.8
82.5°	76.4	76.4	76.4	104.2	138.9	173.6	187.5	222.3	250.0	291.7	270.9
85°	41.7	41.7	41.7	69.5	104.2	145.9	138.9	111.1	62.5	6.9	13.9
87.5°	13.9	13.9	13.9	13.9	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°	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6
2.5°	21836.7	21517.2	21489.4	20836.6	20253.1	19968.4	19739.2	19100.2	19239.1	18871.0	18864.0
5°	20781.0	20128.1	19072.4	18204.2	17336.0	17162.4	16405.3	15745.5	15766.3	15294.0	15377.4
7.5°	18884.9	18433.4	17148.5	15787.2	14634.2	13814.6	13099.2	12668.6	12119.9	11932.4	11835.2
10°	17683.3	17127.7	15683.0	13974.4	12682.5	12245.0	11557.3	11175.3	10612.8	10334.9	10140.5
12.5°	17155.4	16342.8	14537.0	12800.6	11939.3	11487.9	10904.5	10209.9	9543.1	9286.2	8931.9
15°	17211.0	16238.6	14203.6	12328.3	11293.4	10418.3	9897.4	9126.4	8445.8	7994.3	7737.3
17.5°	18051.4	16870.7	14356.4	11967.1	10480.8	9383.4	8362.4	7528.9	6987.2	6646.9	6563.5
20°	20037.8	18433.4	14613.4	11383.7	9668.2	8299.9	7042.8	6174.6	5757.8	5750.9	5757.8
22.5°	21690.9	20100.3	15134.3	11036.4	8855.5	6910.8	5660.6	5382.8	5299.4	5473.1	5493.9
25°	23920.4	21975.6	16030.3	10855.8	8105.4	5889.8	5118.8	5014.7	5007.7	5230.0	5236.9
27.5°	26205.4	23614.8	16565.1	10328.0	7341.4	5361.9	4792.4	4771.6	4882.7	5118.8	5098.0
30°	27761.2	24990.0	17530.5	9695.9	6438.5	4896.6	4660.4	4688.2	4841.0	5021.6	5049.4
32.5°	29574.0	26344.4	17780.5	9348.7	5882.9	4507.6	4340.9	4403.5	4597.9	4882.7	5035.5
35°	31650.7	27302.8	18162.5	8876.4	5674.5	4209.0	4125.6	4195.1	4431.2	4618.8	4785.5
37.5°	33185.7	28997.5	18232.0	8508.3	5445.3	4042.3	3910.3	4139.5	4278.4	4542.4	4625.7
40°	34324.8	30226.9	18412.6	8279.1	5264.7	3827.0	3827.0	3979.8	4167.3	4410.4	4577.1
42.5°	35054.0	31122.9	18544.5	8070.7	4917.4	3764.5	3729.7	3882.5	4132.6	4368.7	4445.1
44°	35498.5	31504.9	18412.6	7876.2	4820.2	3688.1	3688.1	3820.0	4014.5	4292.3	4382.6
45°	35609.7	31984.1	18120.9	7869.3	4702.1	3597.8	3583.9	3833.9	3965.9	4306.2	4361.8
47.5°	36040.3	32574.5	18155.6	7647.0	4417.4	3382.5	3625.6	3736.7	3854.8	4153.4	4340.9
50°	36026.4	32942.6	18079.2	7320.6	4209.0	3139.4	3542.2	3667.2	3785.3	4090.9	4167.3
52.5°	36123.6	34317.8	18780.7	6799.7	3833.9	2826.8	3264.4	3542.2	3688.1	3945.1	4104.8
55°	36075.0	35102.7	19475.2	6410.7	3306.1	2639.3	3028.2	3354.7	3563.1	3833.9	3910.3
57.5°	32949.5	31025.6	18023.6	5681.4	2736.5	2417.0	2694.9	3160.2	3424.1	3702.0	3799.2
60°	26920.8	23913.4	14863.4	4181.2	2250.3	2222.6	2507.3	3097.7	3208.8	3451.9	3618.6
62.5°	24878.9	20975.5	11786.5	3194.9	1923.9	2035.0	2312.9	2799.0	2972.7	3271.3	3424.1
65°	19468.3	13932.7	7299.7	2160.1	1694.7	1826.7	2090.6	2451.8	2736.5	3014.4	3194.9
67.5°	11529.6	7612.3	3611.7	1514.1	1479.4	1618.3	1889.2	2160.1	2486.5	2792.1	2882.4
70°	6278.7	3743.6	1541.9	1153.0	1257.1	1382.2	1646.1	1833.6	2146.2	2382.3	2535.1
72.5°	2014.2	1139.1	771.0	854.3	958.5	1104.3	1264.1	1493.3	1715.5	1854.5	1979.5
75°	486.2	479.2	548.7	597.3	694.6	805.7	937.6	1055.7	1229.4	1361.3	1472.5
77.5°	340.3	368.1	423.7	493.1	527.9	569.5	652.9	743.2	819.6	916.8	986.3
80°	263.9	284.8	326.4	361.2	395.9	430.6	472.3	507.0	555.6	618.2	652.9
82.5°	250.0	263.9	305.6	326.4	312.5	305.6	333.4	347.3	354.2	375.1	395.9
85°	20.8	0.0	13.9	48.6	118.1	173.6	187.5	187.5	180.6	194.5	194.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	27.8	20.8
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°	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6
2.5°	18780.7	18544.5	18634.8	18746.0	18586.2	18218.1	18315.3	18273.7	18648.7	18620.9	18996.0
5°	15745.5	15377.4	15419.1	15960.8	15787.2	15974.7	15599.6	15551.0	15620.5	15655.2	15717.7
7.5°	12050.5	12001.9	12418.6	12877.0	13092.3	12870.0	12501.9	12418.6	12342.2	12189.4	12536.7
10°	9834.9	9848.7	9821.0	10168.2	10411.3	10362.7	10140.5	10112.7	9966.8	9911.3	10105.7
12.5°	8779.1	8591.6	8501.3	8390.2	8577.7	8702.7	8605.5	8536.0	8543.0	8612.4	8640.2
15°	7758.1	7640.1	7445.6	7320.6	7410.9	7348.4	7313.6	7452.5	7417.8	7403.9	7570.6
17.5°	6612.1	6709.4	6695.5	6556.6	6674.6	6626.0	6619.1	6521.8	6389.9	6292.6	6348.2
20°	5855.1	6035.7	6174.6	6181.5	6244.0	6237.1	6132.9	5834.2	5737.0	5716.2	5730.1
22.5°	5584.2	5681.4	5848.1	6084.3	6084.3	5973.1	5848.1	5500.9	5410.6	5313.3	5271.6
25°	5368.9	5556.4	5771.7	5799.5	5910.6	5806.5	5605.0	5431.4	5243.9	5111.9	5111.9
27.5°	5257.8	5466.1	5625.9	5674.5	5827.3	5743.9	5535.6	5313.3	5091.1	5084.1	4966.0
30°	5209.1	5403.6	5507.8	5625.9	5695.3	5563.4	5500.9	5264.7	5042.4	4986.9	4792.4
32.5°	5063.3	5341.1	5535.6	5507.8	5563.4	5507.8	5417.5	5223.0	4973.0	4848.0	4827.1
35°	4896.6	5174.4	5382.8	5528.6	5563.4	5445.3	5389.7	5125.8	4785.5	4723.0	4507.6
37.5°	4806.3	4973.0	5230.0	5466.1	5514.7	5452.2	5264.7	4993.8	4653.5	4584.0	4396.5
40°	4695.2	4910.5	5111.9	5306.4	5452.2	5299.4	5084.1	4820.2	4667.4	4459.0	4403.5
42.5°	4611.8	4854.9	5021.6	5236.9	5403.6	5202.2	4952.2	4771.6	4556.3	4417.4	4257.6
44°	4584.0	4806.3	4917.4	5181.4	5320.3	5167.5	4959.1	4771.6	4521.5	4396.5	4257.6
45°	4486.8	4792.4	4910.5	5146.6	5264.7	5139.7	4875.8	4688.2	4507.6	4354.8	4209.0
47.5°	4389.6	4597.9	4799.4	4986.9	5070.2	5028.6	4806.3	4577.1	4361.8	4271.5	4132.6
50°	4361.8	4570.2	4757.7	4931.3	5028.6	4945.2	4743.8	4521.5	4271.5	4125.6	4007.6
52.5°	4222.9	4479.9	4688.2	4743.8	4868.8	4820.2	4667.4	4424.3	4188.1	4063.1	3965.9
55°	4021.5	4292.3	4577.1	4646.6	4827.1	4750.7	4521.5	4292.3	4090.9	3903.4	3778.4
57.5°	3945.1	4209.0	4486.8	4577.1	4688.2	4563.2	4507.6	4264.5	3945.1	3847.8	3653.3
60°	3750.6	4084.0	4313.2	4521.5	4528.5	4493.8	4396.5	4118.7	3854.8	3674.2	3535.3
62.5°	3597.8	3910.3	4090.9	4285.4	4403.5	4306.2	4209.0	3952.0	3667.2	3465.8	3306.1
65°	3375.5	3660.3	3813.1	3931.2	4063.1	4049.2	3882.5	3695.0	3396.4	3236.6	3083.8
67.5°	3035.2	3285.2	3493.6	3604.7	3688.1	3667.2	3542.2	3410.2	3104.6	2944.9	2833.8
70°	2625.4	2882.4	3014.4	3076.9	3160.2	3201.9	3104.6	3042.1	2771.3	2562.9	2458.7
72.5°	2111.4	2278.1	2472.6	2528.2	2562.9	2590.7	2590.7	2535.1	2257.3	2173.9	1993.4
75°	1555.8	1687.8	1833.6	1833.6	1896.1	1903.1	1917.0	1882.2	1673.9	1562.7	1521.1
77.5°	1055.7	1153.0	1271.0	1319.6	1361.3	1354.4	1347.4	1250.2	1139.1	1090.4	1048.8
80°	687.6	784.8	840.4	902.9	944.6	937.6	951.5	882.1	833.5	750.1	764.0
82.5°	409.8	486.2	541.8	618.2	618.2	639.0	639.0	618.2	569.5	527.9	527.9
85°	194.5	257.0	291.7	340.3	368.1	375.1	333.4	284.8	236.1	215.3	236.1
87.5°	34.7	48.6	69.5	62.5	76.4	69.5	69.5	69.5	69.5	55.6	62.5
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: P534268

CATALOG NUMBER: GALN-SA9D-730-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6	21218.6
2.5°	18857.1	19204.4	19447.5	19850.3	20544.8	21100.5	21670.0	22093.7	22142.3	22267.3
5°	15946.9	16134.4	16752.6	17558.3	18127.8	19065.5	19669.7	20767.1	21176.9	21614.5
7.5°	12453.3	12758.9	13585.4	14127.2	15377.4	16551.2	17766.6	19121.0	19662.8	19725.3
10°	10501.6	10946.1	11508.7	12376.9	13057.6	14363.3	15877.5	17384.6	17988.9	18093.1
12.5°	9223.6	9793.2	10543.3	11168.4	11821.3	12960.3	14412.0	16273.4	17058.2	17530.5
15°	7994.3	8584.7	9411.2	10279.4	10855.8	12217.2	13925.8	16023.3	17044.3	17461.0
17.5°	6730.2	7278.9	7959.6	8897.2	10057.1	11585.1	13849.4	16856.8	17975.0	18461.2
20°	5646.7	5952.3	6744.1	7709.5	9161.1	10939.2	13877.1	18086.1	19725.3	19940.6
22.5°	5223.0	5292.5	5605.0	6494.1	8084.6	10279.4	14370.3	19829.5	21690.9	22399.3
25°	4896.6	4882.7	4966.0	5563.4	7299.7	10022.4	14856.5	21433.9	23871.7	24642.7
27.5°	4716.0	4577.1	4584.0	5146.6	6744.1	9605.7	15481.6	23274.4	26344.4	26684.7
30°	4625.7	4597.9	4514.6	4743.8	6139.8	8980.6	15585.7	25087.2	27802.9	28296.0
32.5°	4570.2	4299.3	4195.1	4278.4	5570.3	8299.9	15974.7	26281.8	29608.7	29393.4
35°	4292.3	4049.2	3979.8	4063.1	5167.5	7917.9	15717.7	27323.7	30963.1	31324.3
37.5°	4188.1	3972.8	3833.9	3764.5	4792.4	7598.4	15585.7	28928.1	32275.8	33144.0
40°	4090.9	3861.7	3695.0	3625.6	4500.7	7174.7	15544.1	30164.4	33790.0	34310.9
42.5°	3979.8	3833.9	3646.4	3521.4	4146.5	6751.0	15064.8	30546.4	34255.3	34817.9
44°	3945.1	3722.8	3528.3	3486.7	4007.6	6535.7	14967.6	30893.7	34658.1	35512.4
45°	3910.3	3702.0	3479.7	3424.1	3958.9	6417.7	14835.6	30977.0	35324.9	35484.7
47.5°	3813.1	3681.1	3465.8	3313.0	3854.8	6160.7	14439.7	30504.7	34644.3	34672.0
50°	3736.7	3583.9	3361.6	3063.0	3715.9	5945.4	14620.3	30331.1	33005.1	33067.6
52.5°	3653.3	3424.1	3299.1	2785.2	3486.7	5764.8	15002.3	31115.9	33192.6	33178.7
55°	3556.1	3306.1	3000.5	2549.0	3104.6	5535.6	15926.1	32664.8	34929.0	35165.2
57.5°	3403.3	3188.0	2750.4	2340.6	2667.1	5098.0	15627.4	29699.0	32136.9	32178.6
60°	3201.9	3000.5	2493.4	2180.9	2187.8	4021.5	13974.4	23142.5	25358.1	25962.4
62.5°	3007.4	2896.3	2278.1	1951.7	1861.4	3201.9	11814.3	19232.1	21767.3	22267.3
65°	2778.2	2507.3	2090.6	1778.1	1597.5	2243.4	8369.4	14370.3	16981.8	17655.5
67.5°	2486.5	2194.8	1840.6	1562.7	1368.3	1500.2	4320.1	8167.9	10814.2	11210.1
70°	2173.9	1903.1	1548.9	1319.6	1104.3	1034.9	1903.1	3896.4	5910.6	6320.4
72.5°	1785.0	1535.0	1236.3	1041.8	826.5	715.4	639.0	1041.8	2097.5	2437.9
75°	1291.9	1118.2	930.7	743.2	583.4	458.4	375.1	312.5	347.3	375.1
77.5°	951.5	812.6	687.6	527.9	409.8	326.4	257.0	194.5	187.5	180.6
80°	743.2	659.8	548.7	423.7	319.5	243.1	180.6	132.0	118.1	118.1
82.5°	583.4	541.8	451.5	347.3	263.9	194.5	132.0	90.3	76.4	76.4
85°	222.3	222.3	326.4	284.8	201.4	138.9	90.3	48.6	41.7	41.7
87.5°	55.6	55.6	55.6	55.6	48.6	41.7	41.7	20.8	13.9	13.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)