

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: P533334

Luminaire Tested: **GALN-SA8D-730-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P533334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA8D-730-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42369 lumens
Efficiency: N/A
Efficacy: 85.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G3

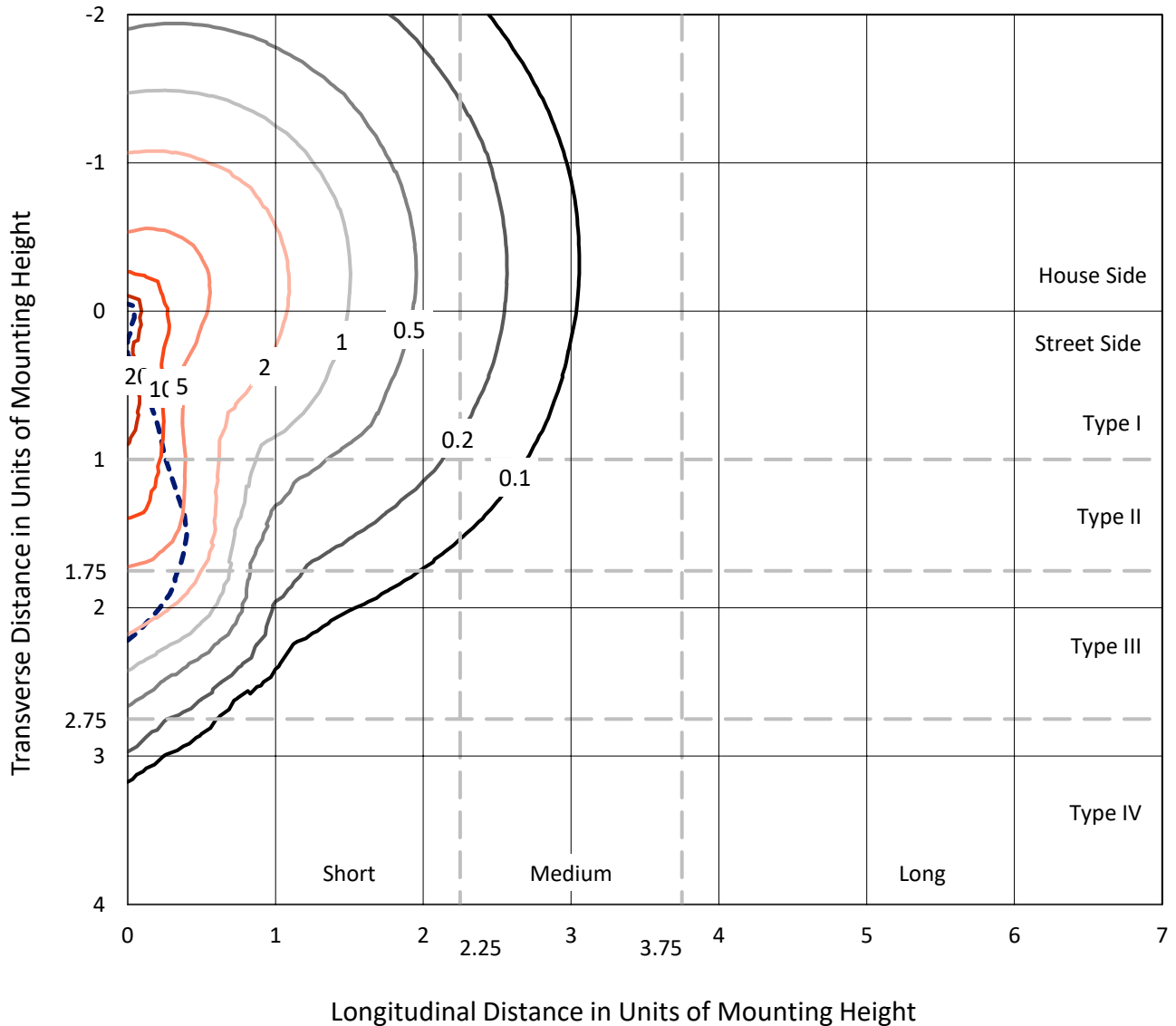
Input Watts (W): 493
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P533334
 CATALOG NUMBER: GALN-SA8D-730-U-SLR-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

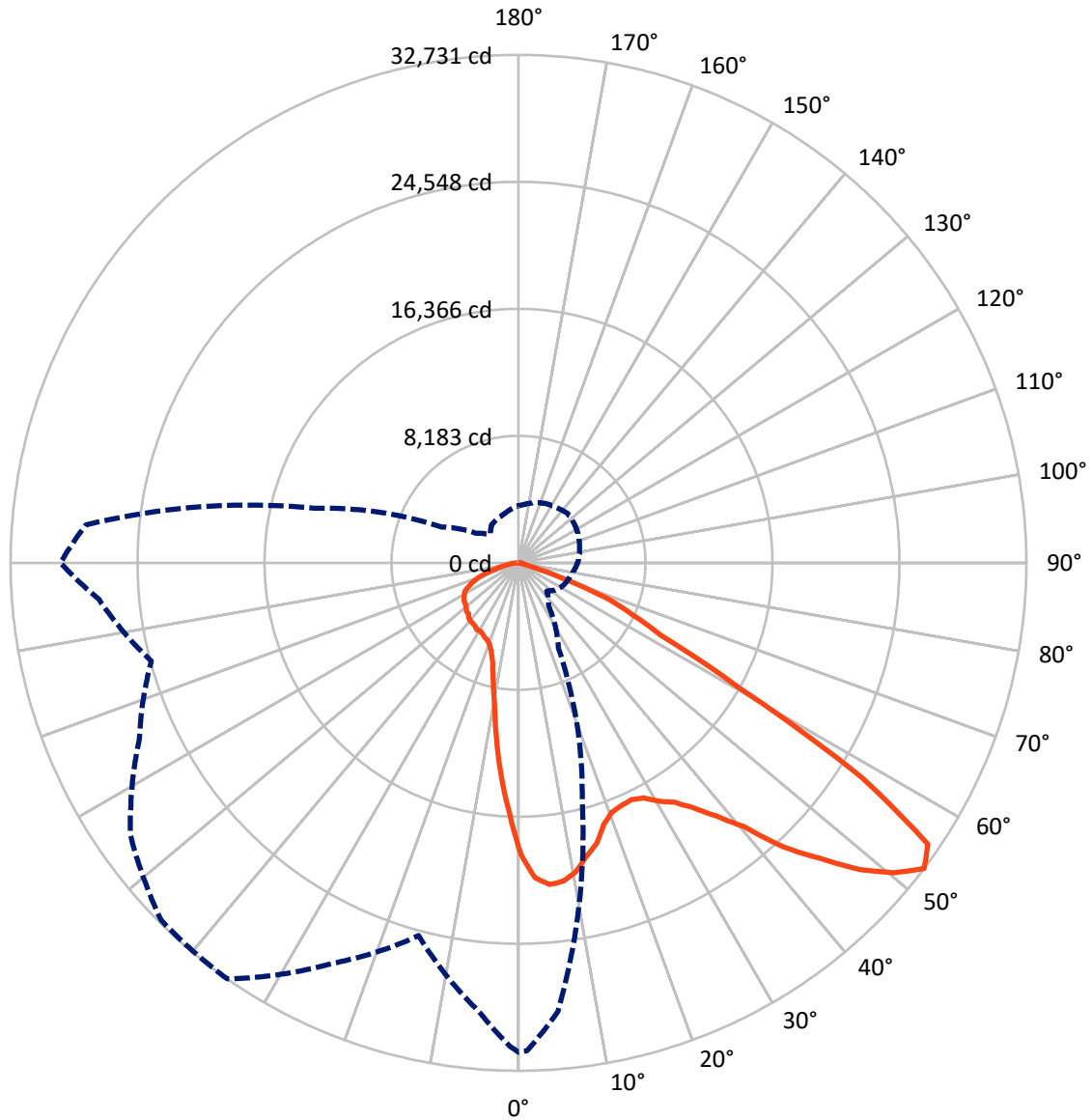
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 30.1 fc
 Type III - Short - N/A

REPORT NUMBER: P533334
CATALOG NUMBER: GALN-SA8D-730-U-SLR-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

REPORT NUMBER: P533334
 CATALOG NUMBER: GALN-SA8D-730-U-SLR-GRSWH

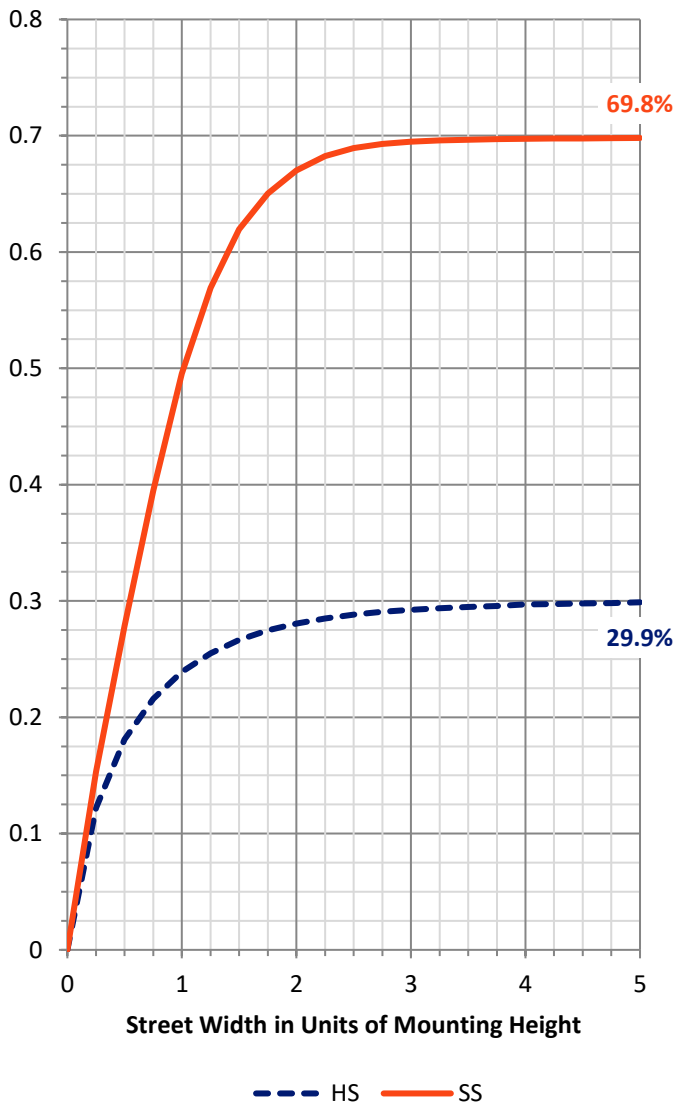
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12772.5	0.0	12772.5
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	29596.5	0.0	29596.5
	% Fixture	69.9	0.0	69.9
Total	Lumens	42369.0	0.0	42369.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1434.6	3.4
10°-20°	3109.9	7.3
20°-30°	4698.8	11.1
30°-40°	6790.0	16.0
40°-50°	9036.2	21.3
50°-60°	10107.3	23.9
60°-70°	5696.4	13.4
70°-80°	1269.8	3.0
80°-90°	226.1	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°	42369.0	100.0
0°-180°	42369.0	100.0

Coefficient of Utilization

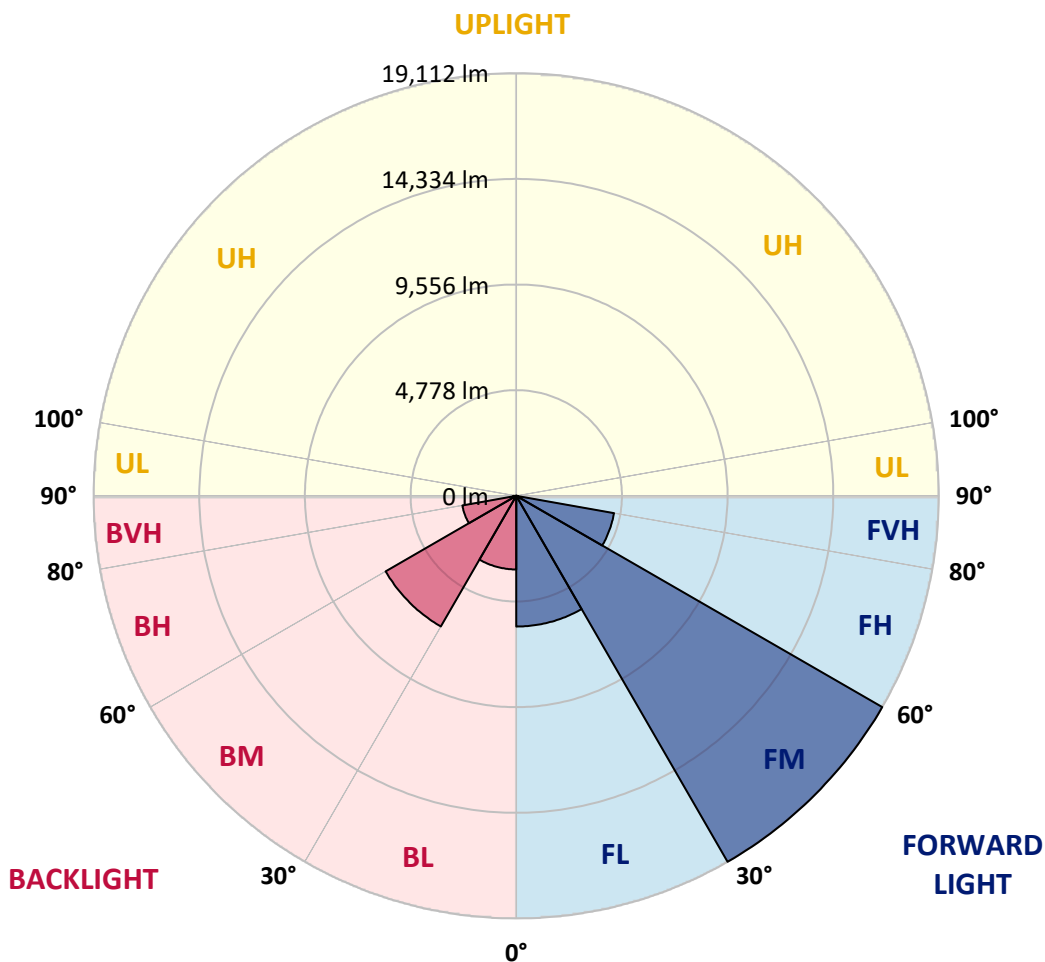


REPORT NUMBER: P533334
 CATALOG NUMBER: GALN-SA8D-730-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5912.5	14.0			
FM (30°-60°)	19111.7	45.1			
FH (60°-80°)	4490.5	10.6			G2/5000
FVH (80°-90°)	81.9	0.2			G1/100
BL (0°-30°)	3330.8	7.9	B4/5000		
BM (30°-60°)	6821.8	16.1	B4/8500		
BH (60°-80°)	2475.7	5.8	B3/2500		G3/2500
BVH (80°-90°)	144.2	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 III Short





REPORT NUMBER: P533334

CATALOG NUMBER: GALN-SA8D-730-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6
2.5°	19116.8	19423.9	19092.2	18502.7	18085.1	17704.4	17305.2	17225.4	16703.4	16611.3	16230.6
5°	18029.9	17962.3	17557.0	16783.2	15929.7	15155.9	14584.8	14032.1	13657.5	13221.5	13190.8
7.5°	16709.6	16316.5	16083.2	14910.3	13854.0	12638.1	12116.1	11274.8	11010.7	10617.7	10415.1
10°	15530.5	15241.9	14695.3	13522.4	12048.6	11244.1	10685.3	10230.8	9923.8	9518.5	9008.8
12.5°	14947.1	14830.4	14216.3	12398.6	11305.5	10445.8	10052.8	9610.6	9088.6	8437.7	8185.9
15°	15051.5	14658.5	14191.8	12183.7	10673.0	9844.0	9217.6	8664.9	7995.5	7375.3	7013.0
17.5°	15831.4	15530.5	14597.1	12318.8	10433.5	9236.0	8099.9	7283.2	6681.4	6122.5	5870.8
20°	17366.6	16930.6	15880.5	12490.7	9917.7	8388.6	7086.7	6079.6	5434.8	5140.0	5054.0
22.5°	19067.7	18809.8	17133.3	12877.6	9506.2	7602.5	6012.0	5004.9	4765.4	4685.6	4845.2
25°	21137.2	20467.8	19080.0	13510.1	9186.9	6933.1	5103.1	4544.3	4421.5	4501.3	4685.6
27.5°	22709.3	22531.2	20443.3	14105.8	8750.9	6128.7	4593.4	4225.0	4261.8	4341.7	4513.6
30°	24576.1	23673.4	21763.6	14517.2	8357.8	5576.0	4237.3	4139.0	4175.9	4311.0	4396.9
32.5°	25699.9	25362.2	22592.6	15137.5	7903.4	5097.0	3960.9	3868.8	3924.1	4126.7	4329.4
35°	27130.8	26461.4	23618.1	15297.1	7584.1	4906.6	3764.4	3696.9	3825.8	3967.1	4194.3
37.5°	28801.1	28340.5	25036.7	15186.6	7412.1	4710.1	3598.6	3567.9	3660.0	3856.5	4120.6
40°	29789.8	29648.6	25779.8	15254.1	7141.9	4538.2	3408.2	3445.1	3635.4	3789.0	4046.9
42.5°	30741.7	29820.5	26879.0	15229.6	6970.0	4304.8	3426.7	3383.7	3531.1	3709.1	3954.8
45°	30950.4	30035.4	27136.9	15057.6	6761.2	4077.6	3285.4	3303.8	3481.9	3703.0	3862.7
47.5°	30815.3	30139.8	27615.9	15008.5	6564.7	3917.9	3076.6	3297.7	3402.1	3580.2	3807.4
50°	30723.2	30686.4	28021.2	15241.9	6300.6	3666.2	2824.8	3217.9	3322.3	3500.3	3746.0
52.5°	31533.8	31454.0	29034.5	15856.0	6091.8	3396.0	2566.9	3015.2	3267.0	3438.9	3678.4
55°	32025.1	31675.1	30772.4	16611.3	5741.8	3039.8	2388.8	2763.4	3131.9	3285.4	3531.1
57.5°	28807.2	28567.8	27837.0	15505.9	5152.3	2573.1	2167.8	2505.5	2947.7	3187.2	3438.9
60°	23968.2	23593.6	21720.6	13178.5	3801.3	2002.0	2032.7	2302.9	2898.5	2990.6	3285.4
62.5°	22598.7	21671.5	19123.0	10605.4	2917.0	1719.5	1823.9	2118.6	2640.6	2794.1	3088.9
65°	17931.6	17243.8	13682.1	7657.8	1952.8	1492.3	1664.2	1909.8	2278.3	2579.2	2849.4
67.5°	11225.7	10568.6	7301.6	3623.2	1363.3	1277.3	1486.1	1744.0	2044.9	2315.1	2616.0
70°	5864.6	5146.1	3371.4	1308.0	939.6	1044.0	1240.5	1486.1	1780.9	2002.0	2235.3
72.5°	2186.2	1774.7	1099.2	565.0	650.9	798.3	1007.1	1185.2	1394.0	1664.2	1793.2
75°	337.8	288.6	282.5	343.9	442.1	577.3	718.5	896.6	1080.8	1252.8	1338.7
77.5°	159.7	153.5	171.9	227.2	294.8	411.4	522.0	693.9	841.3	951.8	1001.0
80°	104.4	98.3	110.5	153.5	221.1	307.0	417.6	534.3	669.4	761.5	749.2
82.5°	61.4	67.6	67.6	104.4	153.5	221.1	300.9	405.3	497.4	577.3	528.1
85°	36.8	30.7	30.7	61.4	104.4	178.1	251.8	171.9	178.1	178.1	202.7
87.5°	12.3	12.3	12.3	6.1	12.3	12.3	18.4	30.7	36.8	43.0	55.3
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: P533334

CATALOG NUMBER: GALN-SA8D-730-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6
2.5°	16218.3	16408.6	16341.1	16101.6	16285.8	16316.5	16193.7	16617.4	16697.3	16568.3	16605.2
5°	13147.8	13196.9	13307.5	13540.8	13706.6	13903.1	13903.1	13915.4	13749.6	14167.2	14044.4
7.5°	10243.1	10273.8	10402.8	10900.2	11041.4	11416.0	11575.7	11465.2	11133.6	10992.3	11109.0
10°	8843.0	8664.9	8621.9	8683.3	9002.6	9162.3	9297.4	9260.6	9205.3	9094.8	8971.9
12.5°	7909.6	7780.6	7676.2	7528.8	7547.2	7700.8	7805.2	7719.2	7743.8	7768.3	7805.2
15°	6896.3	6804.2	6748.9	6527.8	6503.3	6607.7	6644.5	6693.6	6785.8	6791.9	6748.9
17.5°	5821.6	5741.8	5864.6	5987.4	5901.5	5907.6	5975.2	6018.1	5993.6	5883.0	5827.8
20°	5084.7	5170.7	5293.5	5410.2	5502.3	5557.6	5582.1	5514.6	5434.8	5207.5	5201.4
22.5°	4869.8	4980.3	5084.7	5262.8	5348.8	5490.0	5361.1	5207.5	5097.0	4986.5	4857.5
25°	4710.1	4802.2	5011.0	5078.6	5244.4	5361.1	5268.9	5115.4	4925.1	4765.4	4667.1
27.5°	4593.4	4697.8	4832.9	5017.2	5146.1	5213.7	5121.6	5060.2	4863.6	4673.3	4532.0
30°	4519.7	4630.3	4875.9	5029.4	5140.0	5195.3	5035.6	4961.9	4820.7	4661.0	4538.2
32.5°	4470.6	4568.9	4777.7	4974.2	5047.9	5047.9	5072.4	4986.5	4789.9	4519.7	4415.4
35°	4311.0	4446.1	4618.0	4845.2	4980.3	5060.2	4937.3	4839.1	4710.1	4433.8	4243.4
37.5°	4218.8	4311.0	4532.0	4747.0	4863.6	4949.6	4900.5	4728.5	4556.6	4329.4	4175.9
40°	4120.6	4268.0	4464.5	4667.1	4796.1	4882.1	4845.2	4642.6	4433.8	4218.8	4114.4
42.5°	4053.0	4151.3	4353.9	4581.2	4734.7	4900.5	4789.9	4538.2	4390.8	4096.0	3979.3
45°	3997.8	4157.4	4372.4	4464.5	4624.1	4796.1	4599.6	4446.1	4274.1	4059.2	3960.9
47.5°	3930.2	4077.6	4218.8	4464.5	4538.2	4618.0	4581.2	4335.5	4188.1	3954.8	3887.2
50°	3905.7	3960.9	4218.8	4353.9	4458.3	4538.2	4439.9	4255.7	4114.4	3874.9	3727.6
52.5°	3807.4	3911.8	4077.6	4255.7	4384.6	4482.9	4323.2	4206.6	4016.2	3764.4	3672.3
55°	3684.6	3746.0	4040.8	4225.0	4292.5	4360.1	4298.7	4108.3	3911.8	3653.9	3561.8
57.5°	3524.9	3666.2	3905.7	4163.6	4249.5	4286.4	4188.1	4034.6	3789.0	3561.8	3414.4
60°	3359.1	3506.5	3770.6	3979.3	4065.3	4200.4	4053.0	3960.9	3678.4	3426.7	3267.0
62.5°	3193.3	3359.1	3555.6	3819.7	3893.4	3948.6	3911.8	3782.8	3555.6	3273.1	3076.6
65°	2996.8	3119.6	3365.2	3500.3	3549.5	3678.4	3549.5	3500.3	3297.7	3027.5	2861.7
67.5°	2702.0	2806.4	3021.4	3150.3	3187.2	3242.4	3236.3	3181.0	2953.8	2769.6	2622.2
70°	2364.3	2456.4	2591.5	2745.0	2763.4	2831.0	2769.6	2757.3	2609.9	2358.1	2278.3
72.5°	1897.6	1983.5	2161.6	2229.2	2235.3	2259.9	2229.2	2186.2	2149.3	1885.3	1805.4
75°	1455.4	1504.5	1590.5	1651.9	1651.9	1682.6	1664.2	1621.2	1523.0	1357.2	1277.3
77.5°	1013.3	1062.4	1172.9	1209.8	1203.6	1215.9	1160.6	1117.7	970.3	884.3	816.7
80°	736.9	767.6	822.9	847.5	853.6	872.0	804.5	767.6	681.6	583.4	552.7
82.5°	534.3	552.7	558.8	589.5	589.5	558.8	540.4	503.6	442.1	380.7	356.2
85°	221.1	227.2	233.4	270.2	276.3	331.6	307.0	288.6	251.8	214.9	196.5
87.5°	55.3	61.4	79.8	67.6	79.8	79.8	86.0	98.3	98.3	79.8	79.8
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°	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6
2.5°	16746.4	16795.5	17421.9	17501.7	17808.8	18122.0	18754.5	19208.9	19577.4	19816.9	19884.4
5°	14173.3	14486.5	14775.2	15241.9	15665.6	16267.4	16961.3	17821.1	18901.9	19454.6	19675.6
7.5°	11096.7	11465.2	11882.8	12337.2	12957.4	14038.2	14965.5	15960.4	17342.1	17913.2	18779.1
10°	9057.9	9469.4	10022.0	10372.1	11121.3	12153.0	13233.8	14382.1	15702.4	16525.3	17526.3
12.5°	8007.8	8345.6	8855.3	9592.2	10151.0	10820.4	11624.8	13074.1	14965.5	15745.4	16433.2
15°	6847.2	7221.8	7811.3	8628.1	9297.4	10095.7	10998.5	12576.7	14590.9	15794.6	16377.9
17.5°	5889.2	6159.4	6779.6	7485.8	8253.5	9125.5	10421.2	12552.1	14983.9	16525.3	17477.2
20°	5226.0	5262.8	5600.6	6202.4	7246.3	8382.4	10065.0	12429.3	16242.8	17784.2	18987.9
22.5°	4808.4	4771.5	4777.7	5287.4	6018.1	7651.6	9506.2	12846.9	17673.7	19786.2	20596.8
25°	4599.6	4501.3	4439.9	4550.5	5213.7	6785.8	9082.5	13399.6	19215.1	21438.1	22432.9
27.5°	4489.0	4317.1	4194.3	4212.7	4697.8	6349.8	8818.4	13639.1	20744.2	23741.0	24091.0
30°	4446.1	4231.1	4053.0	3991.6	4311.0	5741.8	8253.5	14050.5	22113.6	25006.0	25306.9
32.5°	4292.5	4028.5	3856.5	3801.3	3930.2	5207.5	7848.1	14345.3	23323.4	26381.6	26277.2
35°	4114.4	3893.4	3678.4	3574.0	3666.2	4863.6	7522.7	14204.0	24748.1	27450.1	27394.8
37.5°	4096.0	3807.4	3629.3	3457.4	3451.2	4439.9	7080.5	14339.1	25656.9	29366.1	28610.7
40°	3936.4	3752.1	3518.8	3377.5	3297.7	4225.0	6650.7	14019.8	26989.5	30139.8	29396.8
42.5°	3942.5	3666.2	3463.5	3297.7	3217.9	3911.8	6355.9	13933.8	27456.2	31398.7	29765.2
45°	3844.2	3574.0	3402.1	3205.6	3162.6	3672.3	6073.4	13534.7	28279.1	31460.1	29304.7
47.5°	3746.0	3506.5	3322.3	3088.9	2990.6	3586.3	5852.3	13203.1	27849.3	30882.9	28666.0
50°	3678.4	3402.1	3230.1	3064.3	2788.0	3438.9	5563.7	13123.2	27247.4	30103.0	27480.8
52.5°	3561.8	3316.1	3138.0	3009.1	2566.9	3303.8	5453.2	13589.9	27984.4	29519.6	27136.9
55°	3451.2	3199.4	2972.2	2720.4	2382.7	2947.7	5146.1	14026.0	29059.0	30864.5	28696.7
57.5°	3334.5	3095.0	2849.4	2548.5	2204.6	2579.2	4826.8	14105.8	27044.8	28524.8	27241.3
60°	3181.0	2874.0	2689.7	2296.7	2014.2	2137.1	3825.8	12435.4	20977.5	23820.8	23863.8
62.5°	3009.1	2677.5	2517.8	2057.2	1817.7	1842.3	3119.6	10451.9	17016.6	19718.6	20891.5
65°	2781.9	2462.5	2272.2	1903.7	1676.5	1596.6	2284.4	7657.8	12926.7	15997.2	17329.8
67.5°	2487.1	2186.2	1946.7	1658.1	1498.4	1369.4	1559.8	4311.0	7633.2	10740.5	11145.8
70°	2173.9	1916.0	1664.2	1424.7	1246.6	1154.5	1142.2	1909.8	3647.7	5778.6	6577.0
72.5°	1713.3	1529.1	1326.4	1148.4	1031.7	896.6	816.7	792.2	1234.3	2352.0	3248.6
75°	1228.2	1074.7	958.0	841.3	755.3	681.6	620.2	565.0	515.8	589.5	810.6
77.5°	773.8	718.5	626.4	595.7	546.5	528.1	503.6	472.9	436.0	411.4	411.4
80°	522.0	485.1	454.4	448.3	429.9	423.7	429.9	399.2	362.3	331.6	343.9
82.5°	350.0	343.9	337.8	331.6	337.8	343.9	356.2	350.0	319.3	300.9	307.0
85°	208.8	221.1	233.4	245.6	270.2	239.5	196.5	165.8	147.4	135.1	129.0
87.5°	79.8	110.5	98.3	92.1	98.3	92.1	86.0	79.8	67.6	61.4	61.4
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: P533334

CATALOG NUMBER: GALN-SA8D-730-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6	18803.6
2.5°	20332.7	20455.5	20559.9	20535.4	20320.4	20031.8	19915.1	19319.5	19196.6	19116.8
5°	20609.1	21321.4	21474.9	21382.8	20824.0	20117.8	19430.0	18558.0	18048.3	18029.9
7.5°	20099.4	20977.5	21253.9	21462.7	20719.6	19491.4	18312.3	17004.3	16685.0	16709.6
10°	18803.6	20203.8	20885.4	21100.3	20246.7	19184.4	17550.9	16224.4	15542.8	15530.5
12.5°	18085.1	19184.4	19374.7	19675.6	19423.9	18349.2	17108.7	15622.6	14959.4	14947.1
15°	17446.5	18171.1	18226.4	18650.1	18785.2	18060.6	17225.4	15641.0	15106.8	15051.5
17.5°	18005.3	17501.7	17292.9	17348.2	17747.4	18011.4	17900.9	16685.0	16138.4	15831.4
20°	18379.9	17256.1	16623.6	16685.0	17157.8	18122.0	18908.0	18195.7	17329.8	17366.6
22.5°	19380.9	17292.9	16304.3	16236.7	16985.9	18699.2	20044.1	20105.5	19270.3	19067.7
25°	20879.3	17716.7	16206.0	16187.6	16906.1	19319.5	21370.5	22365.4	21511.8	21137.2
27.5°	22082.9	18379.9	16513.0	16574.5	17157.8	19823.0	22500.5	23820.8	23169.8	22709.3
30°	23139.1	19067.7	16942.9	16660.4	17833.4	20087.1	22985.6	25478.8	24956.9	24576.1
32.5°	23575.1	20044.1	17624.6	17157.8	18392.2	20406.4	23992.7	27087.8	26639.5	25699.9
35°	24312.1	20590.6	17993.0	17956.2	19368.6	21174.0	24465.6	28150.2	27965.9	27130.8
37.5°	24901.6	21143.3	19301.0	18895.7	20707.3	22463.6	25227.1	29617.9	29194.1	28801.1
40°	25356.0	22132.0	20523.1	21057.4	22353.1	23636.6	25927.1	29710.0	30932.0	29789.8
42.5°	24938.4	23016.3	22531.2	23808.5	25036.7	24975.3	26007.0	30422.3	31337.3	30741.7
45°	24834.0	24514.7	25706.1	26866.7	27149.2	26086.8	25435.9	29636.3	31214.5	30950.4
47.5°	24582.3	25988.5	28064.2	29955.6	29525.7	26829.9	24754.2	29495.0	31288.2	30815.3
50°	24496.3	26307.9	29808.2	31650.5	31392.6	27474.7	24434.9	28586.2	30766.2	30723.2
52.5°	24490.2	26965.0	30532.9	32571.7	32731.3	28494.1	24870.9	29046.7	31171.5	31533.8
55°	24766.5	26756.2	30440.7	32062.0	32000.5	28039.6	24920.0	29353.8	31668.9	32025.1
57.5°	23360.2	23968.2	25122.7	26406.1	26074.5	23225.1	22254.8	27136.9	29065.2	28807.2
60°	20173.1	18269.4	16967.5	16906.1	16261.3	15370.8	18214.1	24220.0	24220.0	23968.2
62.5°	17667.5	11993.3	10304.5	9825.5	10286.1	11311.7	17569.3	23556.7	22887.4	22598.7
65°	15450.7	9156.2	7449.0	7313.9	8112.2	9659.7	15886.7	20068.7	18889.6	17931.6
67.5°	9942.2	6705.9	5539.1	5299.6	6263.8	7092.8	10574.7	12343.3	11600.3	11225.7
70°	6411.2	4366.2	3082.8	2892.4	3267.0	4372.4	6755.1	7197.2	6116.4	5864.6
72.5°	3033.6	1885.3	1080.8	890.4	1001.0	1670.3	2671.3	2874.0	2388.8	2186.2
75°	964.1	693.9	442.1	380.7	362.3	429.9	614.1	472.9	343.9	337.8
77.5°	429.9	411.4	350.0	294.8	257.9	214.9	178.1	147.4	153.5	159.7
80°	356.2	325.5	288.6	257.9	214.9	165.8	129.0	98.3	98.3	104.4
82.5°	313.2	282.5	251.8	214.9	184.2	135.1	98.3	67.6	61.4	61.4
85°	135.1	159.7	171.9	184.2	147.4	110.5	67.6	43.0	36.8	36.8
87.5°	55.3	49.1	43.0	36.8	30.7	30.7	24.6	18.4	12.3	12.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)