

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: STREETWORKS

Report Number: P653550

Luminaire Tested: **GLAN-SA8D-840-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P653550
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: STREETWORKS
Catalog Number: GLAN-SA8D-840-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 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: 39125.8 lumens
Efficiency: N/A
Efficacy: 79.4 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

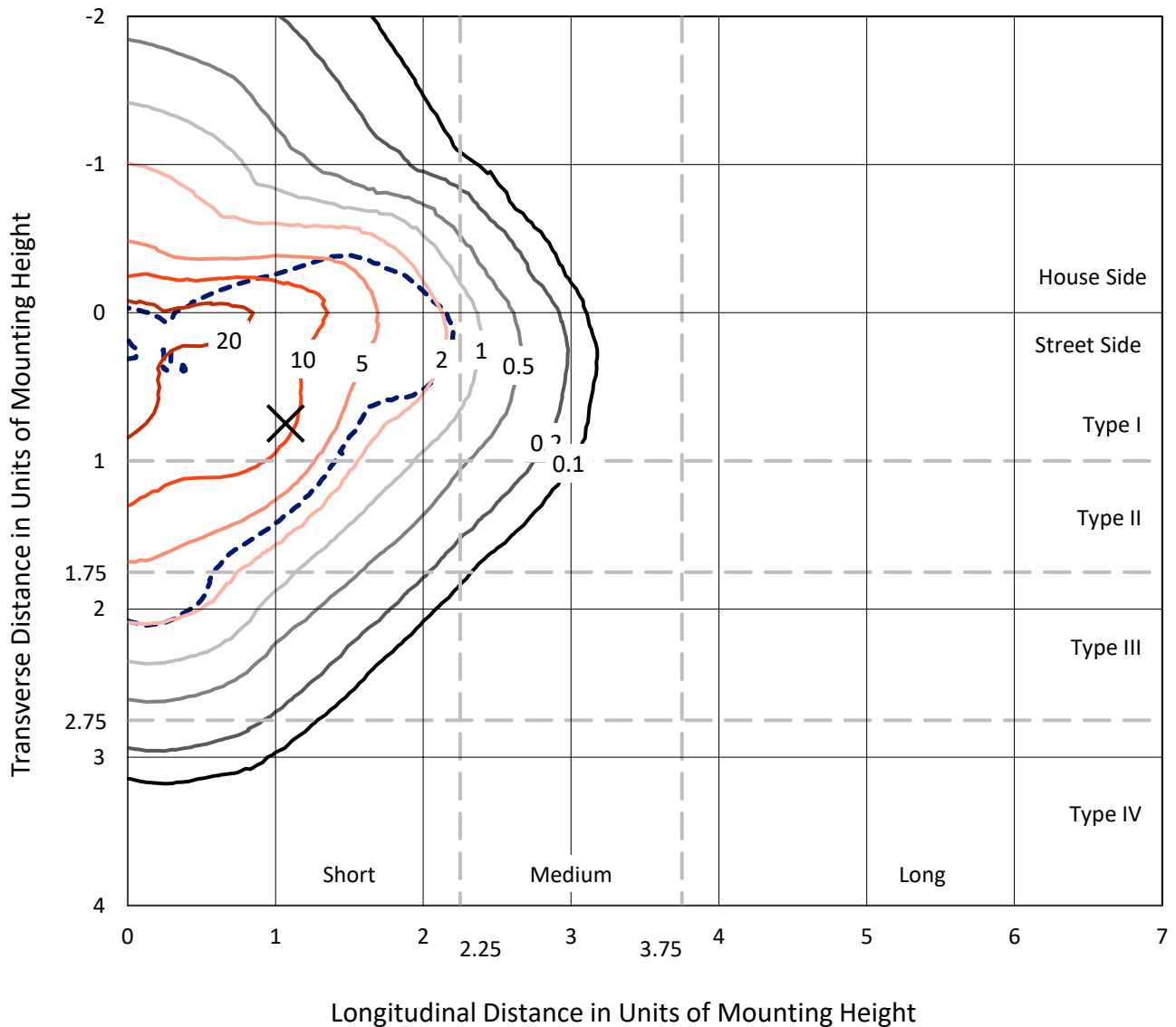
Input Watts (W): 493
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

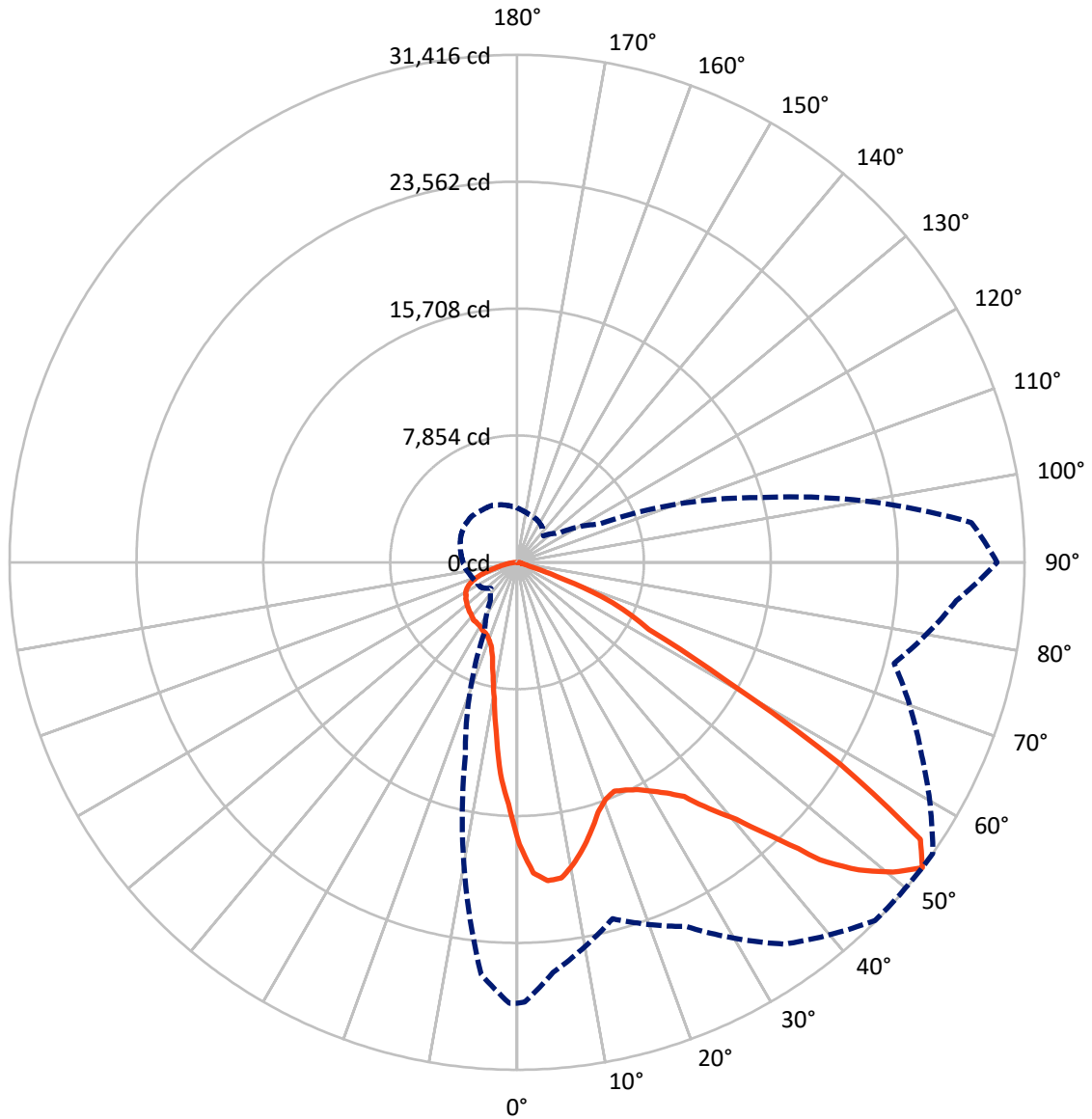
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 29.7 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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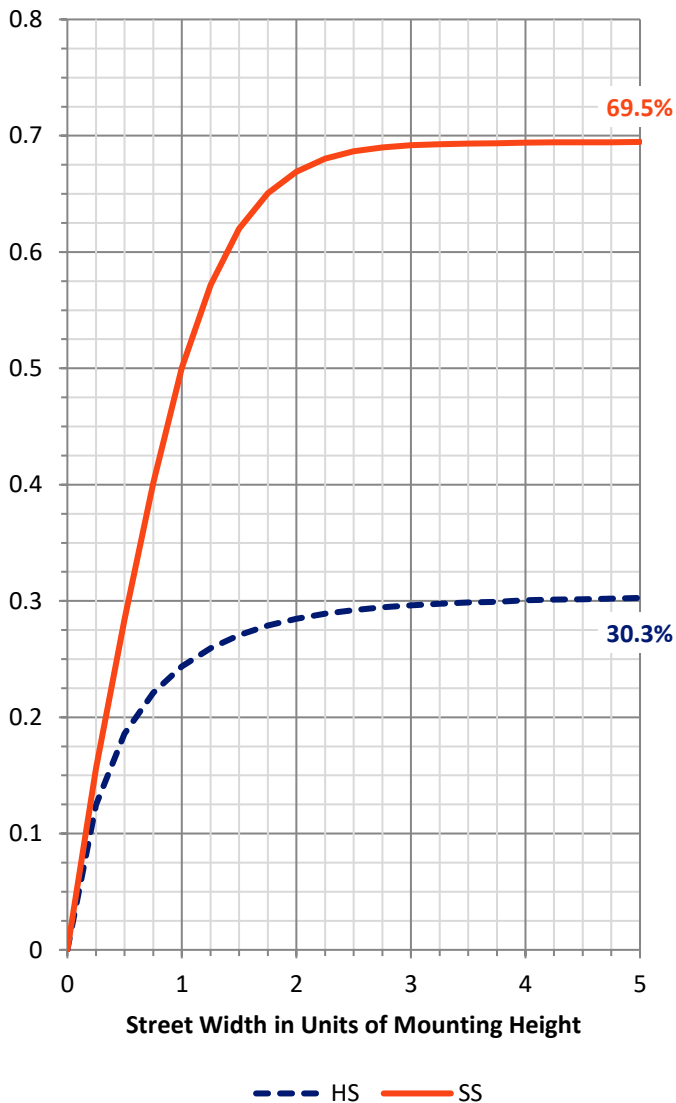
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11935.5	0.0	11935.5
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	27190.3	0.0	27190.3
	% Fixture	69.5	0.0	69.5
Total	Lumens	39125.8	0.0	39125.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1333.4	3.4
10°-20°	2875.0	7.3
20°-30°	4359.4	11.1
30°-40°	6298.6	16.1
40°-50°	8416.7	21.5
50°-60°	9394.9	24.0
60°-70°	5153.5	13.2
70°-80°	1114.2	2.8
80°-90°	180.2	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°	39125.8	100.0
0°-180°	39125.8	100.0

Coefficient of Utilization



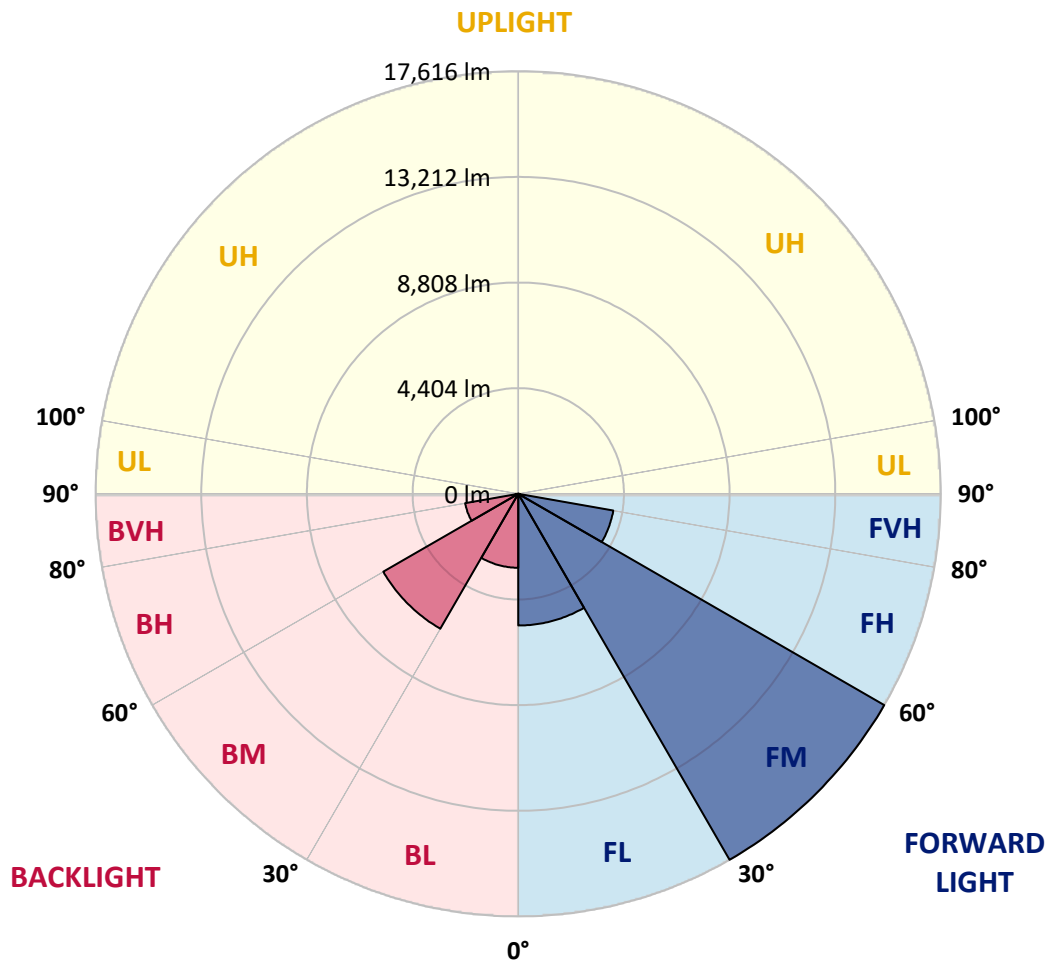
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5486.2	14.0			
FM (30°-60°)	17616.3	45.0			
FH (60°-80°)	4021.2	10.3			G2/5000
FVH (80°-90°)	66.7	0.2			G1/100
BL (0°-30°)	3081.6	7.9	B4/5000		
BM (30°-60°)	6493.9	16.6	B4/8500		
BH (60°-80°)	2246.5	5.7	B3/2500		G3/2500
BVH (80°-90°)	113.5	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2
2.5°	18315.8	18212.9	18304.4	18738.6	18989.9	19161.3	19269.9	19252.8	18841.4	18441.5	18441.5
5°	17778.8	17647.4	17835.9	18818.6	19806.9	19892.6	20035.4	19801.2	19195.6	18464.3	17550.2
7.5°	16224.8	16322.0	16636.2	17927.3	19212.7	19858.3	20029.7	19732.6	18750.0	17384.6	16042.1
10°	14882.3	15110.8	15836.4	17230.3	18412.9	19252.8	19441.2	19024.3	18247.3	16573.3	15373.6
12.5°	14419.5	14276.7	15082.2	16476.2	17607.4	18058.7	18144.4	18173.0	17647.4	16162.0	14699.5
15°	14362.4	14453.8	15082.2	16139.1	16836.1	16859.0	17001.8	17224.6	17293.2	16442.0	15013.7
17.5°	15185.1	15076.5	15722.2	16561.9	16230.5	15899.2	15933.5	16253.4	16819.0	16681.9	16002.0
20°	16401.9	16647.6	17156.1	17070.4	16179.2	15339.3	15345.1	15647.8	16761.9	17676.0	17378.8
22.5°	18424.4	18664.3	19041.3	18007.3	16179.2	15173.7	14979.5	15390.8	17127.6	18858.6	18932.8
25°	20269.6	20709.5	20812.4	19595.6	16990.4	15327.9	15202.3	15607.9	17493.1	20012.6	20715.3
27.5°	21949.3	22109.2	22560.6	20618.1	17441.8	15430.8	15419.3	15939.2	17955.9	20589.6	22309.2
30°	23274.7	23257.5	23514.6	21263.7	18161.6	16007.8	15453.6	16436.3	18561.5	21543.6	23783.1
32.5°	24177.3	24371.6	24914.3	22160.7	18464.3	16556.2	16122.1	17019.0	19298.4	21995.0	24822.9
35°	25765.5	26102.6	25417.0	22657.7	19424.2	17099.0	16590.5	17813.1	19664.1	22486.3	26096.9
37.5°	27262.4	27005.3	26308.2	22926.2	20046.8	18104.5	17630.2	19349.9	20801.0	23554.6	26942.4
40°	28222.1	28216.4	26976.7	23143.3	20486.8	19641.2	19612.6	20909.5	22194.9	24228.7	27890.8
42.5°	28639.2	29039.1	27250.9	23120.4	21412.3	21503.6	22080.7	23240.4	23183.3	24365.9	27867.9
44°	29210.5	29450.4	27725.1	23171.8	22029.2	22760.5	24120.2	24857.2	24046.0	24291.6	27839.4
45°	29187.6	29204.7	27050.9	23240.4	22554.9	23811.7	25028.6	26274.0	24805.7	24131.7	28216.4
47.5°	28519.2	28325.0	26479.6	22732.0	24194.5	26588.2	27713.6	28467.8	25742.7	23788.9	27748.0
50°	27199.5	26976.7	25091.4	22514.8	24537.3	28313.5	29867.4	30141.7	26593.9	23451.8	27285.2
52.5°	27290.9	27228.0	25485.6	22840.5	24880.1	28856.2	31347.1	31415.6	27559.4	24160.2	27290.9
55°	28924.8	28707.7	26616.8	23246.1	24628.7	28222.1	30404.5	30284.5	27233.8	23731.8	27793.6
57.5°	26468.2	26611.1	25051.5	21640.8	21555.1	22943.3	23903.1	23606.0	22726.3	21418.0	25857.0
60°	21355.1	21760.7	21909.3	18098.7	16264.9	15550.8	15265.1	14739.5	14888.1	17596.0	22714.8
62.5°	18315.8	18292.9	19224.2	16407.7	10654.7	9163.6	9026.5	9146.5	10860.3	17321.7	22246.4
65°	14522.4	14910.8	15196.5	13905.4	8432.4	6804.2	6798.5	7558.2	9397.8	14476.7	17961.6
67.5°	9220.7	9729.2	10083.4	8895.1	5638.7	4844.6	4713.2	5627.3	6512.8	9495.0	10814.7
70°	5198.8	5438.7	5598.7	5130.3	3587.8	2513.7	2365.1	2582.3	3936.2	6147.2	6409.9
72.5°	2005.3	2113.8	2330.9	2348.1	1354.0	811.2	657.0	788.4	1656.8	2433.8	2319.5
75°	308.5	331.4	468.4	559.9	388.5	297.0	314.2	325.6	462.7	628.4	525.6
77.5°	148.5	148.5	142.8	165.7	194.3	211.3	228.5	251.4	274.3	302.8	291.3
80°	97.1	97.1	97.1	114.3	142.8	171.4	194.3	205.7	217.1	239.9	228.5
82.5°	62.8	62.8	62.8	85.7	114.3	142.8	154.2	182.8	205.7	239.9	222.8
85°	34.3	34.3	34.3	57.1	85.7	120.0	114.3	91.4	51.4	5.7	11.4
87.5°	11.4	11.4	11.4	11.4	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°	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2
2.5°	17961.6	17698.8	17676.0	17138.9	16659.0	16424.8	16236.3	15710.7	15824.9	15522.2	15516.4
5°	17093.2	16556.2	15687.8	14973.8	14259.6	14116.8	13494.1	12951.3	12968.5	12580.0	12648.6
7.5°	15533.6	15162.2	14105.3	12985.6	12037.2	11363.1	10774.6	10420.5	9969.1	9814.9	9734.9
10°	14545.3	14088.2	12899.9	11494.5	10431.9	10072.0	9506.4	9192.2	8729.4	8500.9	8341.0
12.5°	14111.1	13442.6	11957.3	10529.0	9820.6	9449.3	8969.3	8398.1	7849.6	7638.2	7346.9
15°	14156.8	13356.9	11683.0	10140.5	9289.3	8569.5	8141.0	7506.9	6947.0	6575.6	6364.3
17.5°	14848.0	13876.8	11808.7	9843.5	8620.9	7718.2	6878.5	6192.9	5747.2	5467.3	5398.8
20°	16481.9	15162.2	12020.1	9363.6	7952.5	6827.0	5793.0	5078.8	4736.1	4730.4	4736.1
22.5°	17841.6	16533.4	12448.6	9077.9	7284.1	5684.4	4656.1	4427.5	4359.0	4501.8	4518.9
25°	19675.5	18075.9	13185.5	8929.4	6667.0	4844.6	4210.5	4124.8	4119.0	4301.9	4307.6
27.5°	21555.1	19424.2	13625.5	8495.2	6038.6	4410.5	3941.9	3924.8	4016.2	4210.5	4193.3
30°	22834.7	20555.3	14419.5	7975.3	5295.9	4027.6	3833.4	3856.2	3982.0	4130.5	4153.4
32.5°	24325.8	21669.3	14625.2	7689.7	4838.9	3707.7	3570.6	3622.0	3782.0	4016.2	4141.9
35°	26034.1	22457.7	14939.4	7301.2	4667.5	3462.1	3393.5	3450.6	3644.9	3799.1	3936.2
37.5°	27296.6	23851.7	14996.5	6998.4	4479.0	3325.0	3216.4	3405.0	3519.2	3736.3	3804.9
40°	28233.5	24862.9	15145.1	6809.9	4330.5	3147.9	3147.9	3273.5	3427.7	3627.7	3764.8
42.5°	28833.4	25599.9	15253.6	6638.5	4044.8	3096.4	3067.9	3193.5	3399.2	3593.4	3656.3
44°	29199.0	25914.1	15145.1	6478.6	3964.8	3033.6	3033.6	3142.1	3302.1	3530.6	3604.9
45°	29290.4	26308.2	14905.1	6472.8	3867.7	2959.3	2947.9	3153.6	3262.1	3542.0	3587.8
47.5°	29644.7	26793.8	14933.7	6290.0	3633.5	2782.2	2982.2	3073.6	3170.7	3416.4	3570.6
50°	29633.2	27096.7	14870.9	6021.5	3462.1	2582.3	2913.6	3016.4	3113.6	3364.9	3427.7
52.5°	29713.2	28227.8	15447.9	5593.0	3153.6	2325.2	2685.1	2913.6	3033.6	3245.0	3376.4
55°	29673.3	28873.4	16019.2	5273.1	2719.4	2171.0	2490.9	2759.4	2930.7	3153.6	3216.4
57.5°	27102.4	25519.9	14825.1	4673.2	2250.9	1988.1	2216.6	2599.4	2816.5	3045.0	3125.0
60°	22143.5	19669.8	12225.8	3439.2	1851.0	1828.2	2062.4	2548.0	2639.4	2839.4	2976.5
62.5°	20463.9	17253.2	9695.0	2628.0	1582.5	1673.9	1902.4	2302.3	2445.1	2690.8	2816.5
65°	16013.5	11460.2	6004.3	1776.7	1394.0	1502.5	1719.6	2016.7	2250.9	2479.4	2628.0
67.5°	9483.5	6261.4	2970.7	1245.4	1216.8	1331.1	1553.9	1776.7	2045.2	2296.6	2370.9
70°	5164.5	3079.3	1268.3	948.4	1034.0	1136.9	1354.0	1508.2	1765.3	1959.5	2085.3
72.5°	1656.8	937.0	634.1	702.7	788.4	908.4	1039.7	1228.3	1411.1	1525.4	1628.2
75°	399.9	394.2	451.4	491.3	571.3	662.7	771.3	868.3	1011.2	1119.7	1211.1
77.5°	280.0	302.8	348.5	405.6	434.2	468.4	537.0	611.3	674.1	754.1	811.2
80°	217.1	234.2	268.5	297.0	325.6	354.2	388.5	417.1	457.0	508.5	537.0
82.5°	205.7	217.1	251.4	268.5	257.1	251.4	274.3	285.7	291.3	308.5	325.6
85°	17.2	0.0	11.4	40.0	97.1	142.8	154.2	154.2	148.5	160.0	160.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	22.9	17.2
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°	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2
2.5°	15447.9	15253.6	15327.9	15419.3	15288.0	14985.1	15065.1	15030.9	15339.3	15316.5	15625.0
5°	12951.3	12648.6	12682.8	13128.4	12985.6	13139.9	12831.4	12791.4	12848.5	12877.1	12928.4
7.5°	9912.0	9872.0	10214.8	10591.9	10769.0	10586.2	10283.3	10214.8	10152.0	10026.3	10311.9
10°	8089.6	8101.0	8078.1	8363.8	8563.7	8523.8	8341.0	8318.1	8198.2	8152.4	8312.4
12.5°	7221.2	7066.9	6992.7	6901.2	7055.6	7158.3	7078.4	7021.3	7027.0	7084.1	7107.0
15°	6381.4	6284.3	6124.3	6021.5	6095.7	6044.4	6015.8	6130.0	6101.5	6090.0	6227.2
17.5°	5438.7	5518.7	5507.3	5393.1	5490.1	5450.2	5444.5	5364.5	5255.9	5175.9	5221.7
20°	4816.1	4964.6	5078.8	5084.5	5136.0	5130.3	5044.6	4798.9	4718.9	4701.8	4713.2
22.5°	4593.2	4673.2	4810.4	5004.5	5004.5	4913.1	4810.4	4524.7	4450.4	4370.4	4336.1
25°	4416.2	4570.4	4747.4	4770.3	4861.7	4776.0	4610.4	4467.6	4313.3	4204.7	4204.7
27.5°	4324.8	4496.2	4627.5	4667.5	4793.2	4724.7	4553.3	4370.4	4187.6	4181.9	4084.8
30°	4284.7	4444.7	4530.4	4627.5	4684.6	4576.1	4524.7	4330.5	4147.6	4101.9	3941.9
32.5°	4164.8	4393.3	4553.3	4530.4	4576.1	4530.4	4456.1	4296.2	4090.5	3987.7	3970.5
35°	4027.6	4256.1	4427.5	4547.5	4576.1	4479.0	4433.2	4216.2	3936.2	3884.8	3707.7
37.5°	3953.4	4090.5	4301.9	4496.2	4536.1	4484.7	4330.5	4107.6	3827.7	3770.5	3616.3
40°	3862.0	4039.1	4204.7	4364.7	4484.7	4359.0	4181.9	3964.8	3839.1	3667.8	3622.0
42.5°	3793.4	3993.4	4130.5	4307.6	4444.7	4279.0	4073.4	3924.8	3747.7	3633.5	3502.1
44°	3770.5	3953.4	4044.8	4261.9	4376.1	4250.5	4079.1	3924.8	3719.2	3616.3	3502.1
45°	3690.6	3941.9	4039.1	4233.3	4330.5	4227.6	4010.5	3856.2	3707.7	3582.1	3462.1
47.5°	3610.6	3782.0	3947.7	4101.9	4170.4	4136.2	3953.4	3764.8	3587.8	3513.4	3399.2
50°	3587.8	3759.1	3913.4	4056.2	4136.2	4067.7	3902.0	3719.2	3513.4	3393.5	3296.4
52.5°	3473.5	3684.8	3856.2	3902.0	4004.8	3964.8	3839.1	3639.2	3444.9	3342.1	3262.1
55°	3307.8	3530.6	3764.8	3822.0	3970.5	3907.7	3719.2	3530.6	3364.9	3210.7	3107.8
57.5°	3245.0	3462.1	3690.6	3764.8	3856.2	3753.5	3707.7	3507.8	3245.0	3165.0	3005.1
60°	3085.0	3359.2	3547.8	3719.2	3724.9	3696.3	3616.3	3387.8	3170.7	3022.1	2907.9
62.5°	2959.3	3216.4	3364.9	3524.9	3622.0	3542.0	3462.1	3250.7	3016.4	2850.7	2719.4
65°	2776.5	3010.8	3136.4	3233.6	3342.1	3330.7	3193.5	3039.3	2793.6	2662.3	2536.5
67.5°	2496.6	2702.2	2873.6	2965.0	3033.6	3016.4	2913.6	2805.1	2553.7	2422.3	2330.9
70°	2159.5	2370.9	2479.4	2530.8	2599.4	2633.7	2553.7	2502.3	2279.4	2108.1	2022.4
72.5°	1736.7	1873.8	2033.8	2079.5	2108.1	2130.9	2130.9	2085.3	1856.8	1788.1	1639.6
75°	1279.7	1388.2	1508.2	1508.2	1559.6	1565.4	1576.8	1548.2	1376.8	1285.4	1251.2
77.5°	868.3	948.4	1045.4	1085.5	1119.7	1114.1	1108.4	1028.4	937.0	896.9	862.7
80°	565.6	645.6	691.3	742.7	777.0	771.3	782.7	725.5	685.6	617.0	628.4
82.5°	337.1	399.9	445.6	508.5	508.5	525.6	525.6	508.5	468.4	434.2	434.2
85°	160.0	211.3	239.9	280.0	302.8	308.5	274.3	234.2	194.3	177.1	194.3
87.5°	28.6	40.0	57.1	51.4	62.8	57.1	57.1	57.1	57.1	45.7	51.4
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: P653550

CATALOG NUMBER: GLAN-SA8D-840-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2	17453.2
2.5°	15510.7	15796.4	15996.3	16327.7	16899.0	17356.1	17824.5	18173.0	18212.9	18315.8
5°	13117.0	13271.2	13779.7	14442.4	14910.8	15682.1	16179.2	17081.8	17418.9	17778.8
7.5°	10243.4	10494.8	11174.6	11620.2	12648.6	13614.0	14613.8	15727.8	16173.4	16224.8
10°	8638.0	9003.7	9466.4	10180.6	10740.4	11814.5	13059.9	14299.6	14796.6	14882.3
12.5°	7586.8	8055.3	8672.3	9186.5	9723.5	10660.4	11854.4	13385.5	14031.1	14419.5
15°	6575.6	7061.2	7741.1	8455.2	8929.4	10049.1	11454.5	13179.8	14019.6	14362.4
17.5°	5535.9	5987.2	6547.1	7318.3	8272.4	9529.3	11391.7	13865.4	14785.2	15185.1
20°	4644.7	4896.0	5547.3	6341.4	7535.4	8997.9	11414.6	14876.6	16224.8	16401.9
22.5°	4296.2	4353.3	4610.4	5341.6	6649.9	8455.2	11820.2	16310.5	17841.6	18424.4
25°	4027.6	4016.2	4084.8	4576.1	6004.3	8243.8	12220.1	17630.2	19635.5	20269.6
27.5°	3879.1	3764.8	3770.5	4233.3	5547.3	7901.0	12734.3	19144.2	21669.3	21949.3
30°	3804.9	3782.0	3713.4	3902.0	5050.3	7386.9	12820.0	20635.3	22869.1	23274.7
32.5°	3759.1	3536.3	3450.6	3519.2	4581.8	6827.0	13139.9	21617.9	24354.4	24177.3
35°	3530.6	3330.7	3273.5	3342.1	4250.5	6512.8	12928.4	22474.9	25468.4	25765.5
37.5°	3444.9	3267.8	3153.6	3096.4	3941.9	6250.0	12820.0	23794.6	26548.2	27262.4
40°	3364.9	3176.5	3039.3	2982.2	3702.0	5901.5	12785.6	24811.4	27793.6	28222.1
42.5°	3273.5	3153.6	2999.3	2896.5	3410.7	5553.0	12391.5	25125.7	28176.4	28639.2
44°	3245.0	3062.2	2902.2	2867.9	3296.4	5375.9	12311.5	25411.3	28507.8	29210.5
45°	3216.4	3045.0	2862.2	2816.5	3256.4	5278.8	12202.9	25479.9	29056.2	29187.6
47.5°	3136.4	3027.9	2850.7	2725.1	3170.7	5067.4	11877.3	25091.4	28496.4	28519.2
50°	3073.6	2947.9	2765.1	2519.4	3056.4	4890.3	12025.8	24948.6	27148.1	27199.5
52.5°	3005.1	2816.5	2713.7	2290.9	2867.9	4741.8	12340.1	25594.2	27302.3	27290.9
55°	2925.1	2719.4	2468.0	2096.7	2553.7	4553.3	13099.8	26868.2	28730.6	28924.8
57.5°	2799.4	2622.2	2262.4	1925.3	2193.7	4193.3	12854.2	24428.7	26434.0	26468.2
60°	2633.7	2468.0	2050.9	1793.9	1799.6	3307.8	11494.5	19035.6	20858.1	21355.1
62.5°	2473.7	2382.3	1873.8	1605.4	1531.0	2633.7	9717.8	15819.2	17904.5	18315.8
65°	2285.2	2062.4	1719.6	1462.5	1314.0	1845.3	6884.2	11820.2	13968.3	14522.4
67.5°	2045.2	1805.3	1514.0	1285.4	1125.4	1234.0	3553.5	6718.5	8895.1	9220.7
70°	1788.1	1565.4	1274.0	1085.5	908.4	851.3	1565.4	3205.0	4861.7	5198.8
72.5°	1468.2	1262.6	1016.9	857.0	679.9	588.4	525.6	857.0	1725.3	2005.3
75°	1062.6	919.8	765.6	611.3	479.9	377.0	308.5	257.1	285.7	308.5
77.5°	782.7	668.4	565.6	434.2	337.1	268.5	211.3	160.0	154.2	148.5
80°	611.3	542.7	451.4	348.5	262.8	200.0	148.5	108.6	97.1	97.1
82.5°	479.9	445.6	371.4	285.7	217.1	160.0	108.6	74.3	62.8	62.8
85°	182.8	182.8	268.5	234.2	165.7	114.3	74.3	40.0	34.3	34.3
87.5°	45.7	45.7	45.7	45.7	40.0	34.3	34.3	17.2	11.4	11.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)