

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: P651519

Luminaire Tested: **GALN-SA7D-840-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P651519  
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-SA7D-840-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 80 CRI, 4000K, 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: 33748.5 lumens  
Efficiency: N/A  
Efficacy: 77.9 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): 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

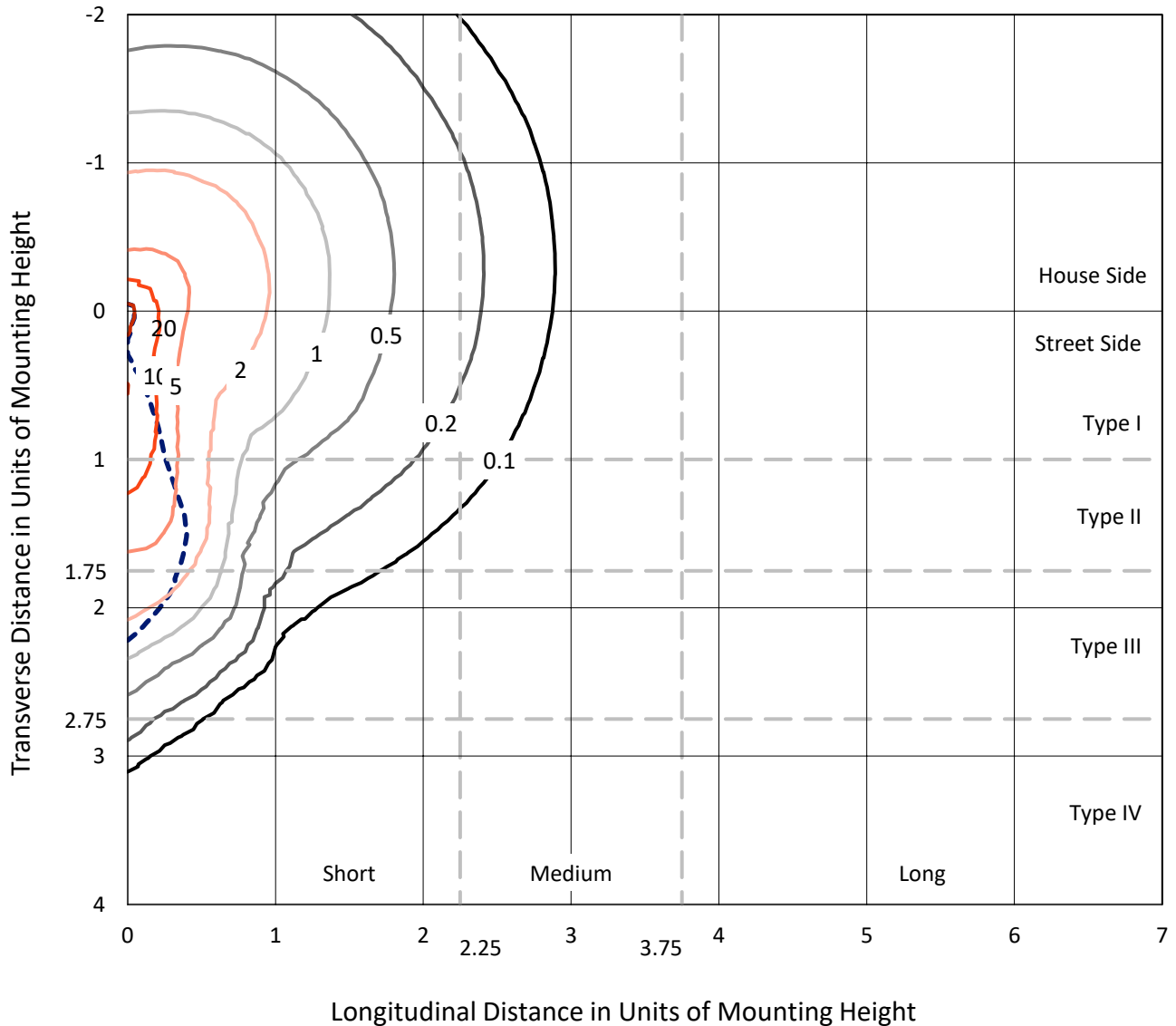




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### Iso-Footcandle Lines of Horizontal Illumination

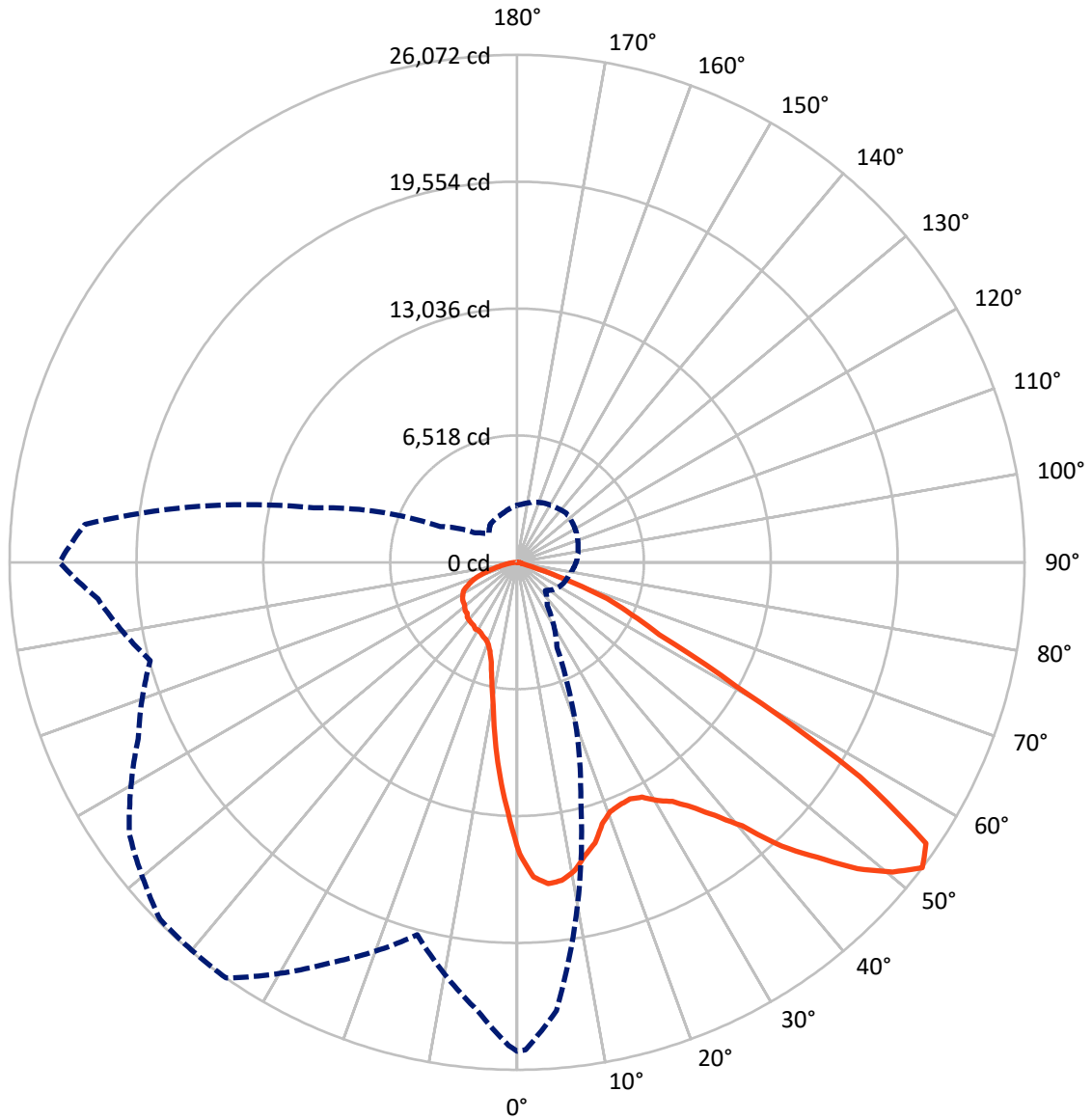
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 24 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



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



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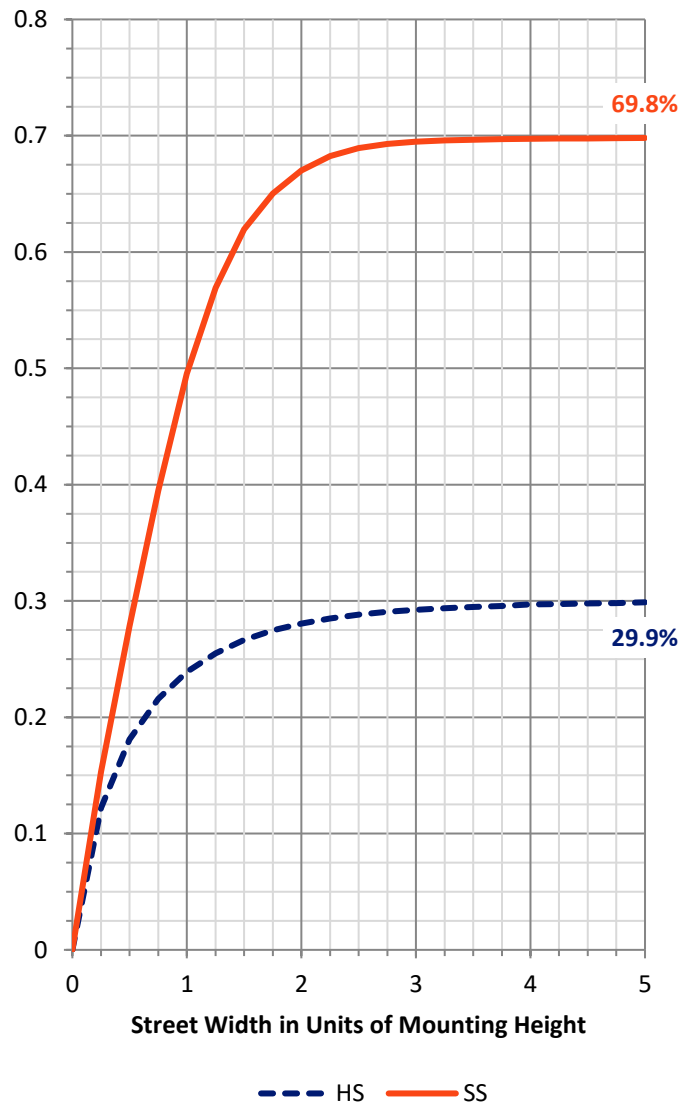
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10173.8	0.0	10173.8
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	23574.7	0.0	23574.7
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	33748.5	0.0	33748.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1142.7	3.4
10°-20°	2477.2	7.3
20°-30°	3742.8	11.1
30°-40°	5408.5	16.0
40°-50°	7197.7	21.3
50°-60°	8050.8	23.9
60°-70°	4537.4	13.4
70°-80°	1011.4	3.0
80°-90°	180.1	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°	33748.5	100.0
0°-180°	33748.5	100.0

**Coefficient of Utilization**



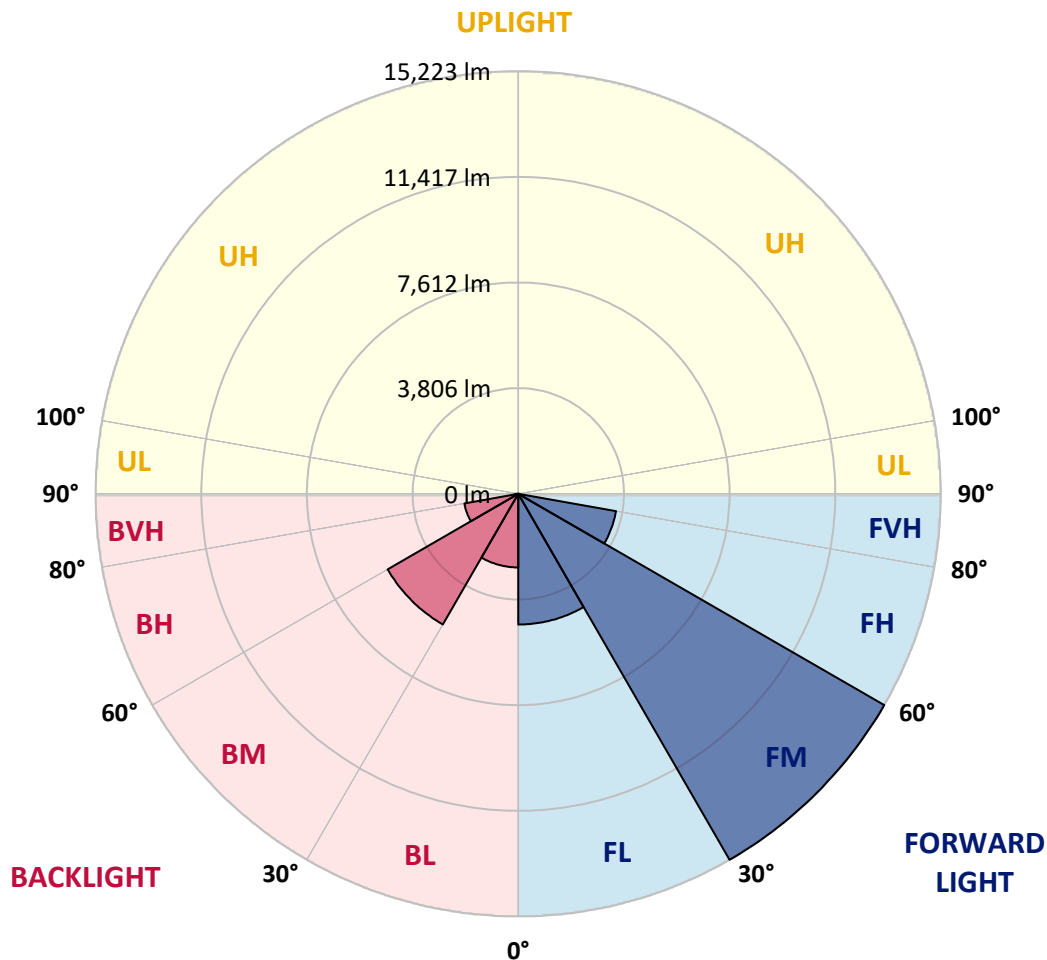
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4709.5	14.0			
FM (30°-60°)	15223.1	45.1			
FH (60°-80°)	3576.8	10.6			G2/5000
FVH (80°-90°)	65.2	0.2			G1/100
BL (0°-30°)	2653.1	7.9	B4/5000		
BM (30°-60°)	5433.8	16.1	B4/8500		
BH (60°-80°)	1972.0	5.8	B3/2500		G3/2500
BVH (80°-90°)	114.9	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





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8
2.5°	15227.2	15471.8	15207.7	14738.1	14405.5	14102.2	13784.2	13720.7	13304.9	13231.5	12928.3
5°	14361.4	14307.7	13984.8	13368.5	12688.6	12072.2	11617.3	11177.1	10878.7	10531.4	10506.9
7.5°	13309.8	12996.7	12810.9	11876.6	11035.3	10066.7	9651.0	8980.8	8770.5	8457.4	8296.0
10°	12370.6	12140.7	11705.4	10771.1	9597.2	8956.3	8511.3	8149.2	7904.6	7581.9	7175.8
12.5°	11906.0	11813.0	11323.8	9875.9	9005.3	8320.4	8007.4	7655.2	7239.4	6720.9	6520.4
15°	11989.0	11676.0	11304.3	9704.7	8501.4	7841.1	7342.2	6901.9	6368.7	5874.7	5586.1
17.5°	12610.3	12370.6	11627.1	9812.4	8310.7	7356.8	6451.9	5801.3	5321.9	4876.8	4676.3
20°	13833.2	13485.9	12649.4	9949.3	7899.8	6681.8	5644.8	4842.6	4329.0	4094.2	4025.7
22.5°	15188.1	14982.7	13647.3	10257.5	7572.0	6055.7	4788.8	3986.6	3795.8	3732.2	3859.4
25°	16836.6	16303.4	15197.9	10761.4	7317.7	5522.5	4064.8	3619.7	3521.9	3585.4	3732.2
27.5°	18088.8	17946.9	16283.8	11235.8	6970.4	4881.8	3658.9	3365.3	3394.7	3458.3	3595.3
30°	19575.8	18856.7	17335.5	11563.5	6657.4	4441.5	3375.1	3296.9	3326.2	3433.8	3502.3
32.5°	20470.9	20201.9	17995.9	12057.6	6295.4	4059.9	3155.0	3081.7	3125.7	3287.1	3448.5
35°	21610.7	21077.5	18812.7	12184.7	6041.0	3908.3	2998.5	2944.7	3047.4	3159.9	3340.9
37.5°	22941.1	22574.3	19942.6	12096.7	5904.1	3751.8	2866.4	2842.0	2915.3	3071.8	3282.2
40°	23728.6	23616.2	20534.5	12150.5	5688.9	3614.8	2714.7	2744.1	2895.7	3018.1	3223.5
42.5°	24486.9	23753.1	21410.1	12130.9	5551.9	3428.9	2729.5	2695.2	2812.6	2954.4	3150.1
45°	24653.2	23924.3	21615.6	11994.0	5385.5	3247.9	2616.9	2631.7	2773.4	2949.6	3076.7
47.5°	24545.6	24007.5	21997.1	11954.8	5229.0	3120.8	2450.7	2626.8	2709.9	2851.7	3032.7
50°	24472.2	24442.8	22320.0	12140.7	5018.7	2920.2	2250.1	2563.1	2646.3	2788.2	2983.8
52.5°	25117.9	25054.3	23127.0	12629.9	4852.4	2705.0	2044.6	2401.7	2602.3	2739.2	2930.0
55°	25509.2	25230.4	24511.4	13231.5	4573.5	2421.3	1902.8	2201.1	2494.7	2616.9	2812.6
57.5°	22946.0	22755.3	22173.2	12351.0	4104.0	2049.5	1726.7	1995.7	2347.9	2538.7	2739.2
60°	19091.5	18793.2	17301.2	10497.2	3027.9	1594.6	1619.1	1834.3	2308.8	2382.1	2616.9
62.5°	18000.8	17262.1	15232.1	8447.6	2323.4	1369.7	1452.7	1687.6	2103.3	2225.6	2460.4
65°	14283.2	13735.4	10898.3	6099.7	1555.5	1188.7	1325.6	1521.3	1814.7	2054.4	2269.7
67.5°	8941.7	8418.2	5816.0	2886.0	1085.9	1017.4	1183.7	1389.2	1628.8	1844.1	2083.7
70°	4671.4	4099.1	2685.4	1041.9	748.4	831.6	988.1	1183.7	1418.5	1594.6	1780.5
72.5°	1741.4	1413.6	875.6	450.0	518.5	635.9	802.2	944.0	1110.4	1325.6	1428.4
75°	269.0	229.9	225.0	273.9	352.2	459.8	572.3	714.2	860.9	997.8	1066.4
77.5°	127.2	122.3	137.0	181.0	234.8	327.7	415.8	552.7	670.1	758.2	797.4
80°	83.2	78.3	88.1	122.3	176.1	244.6	332.6	425.5	533.2	606.5	596.8
82.5°	48.9	53.8	53.8	83.2	122.3	176.1	239.7	322.9	396.2	459.8	420.7
85°	29.4	24.5	24.5	48.9	83.2	141.9	200.6	137.0	141.9	141.9	161.4
87.5°	9.8	9.8	9.8	4.9	9.8	9.8	14.6	24.5	29.4	34.2	44.0
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°	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8
2.5°	12918.4	13070.1	13016.3	12825.5	12972.3	12996.7	12898.9	13236.4	13300.0	13197.3	13226.7
5°	10472.7	10511.8	10599.9	10785.7	10917.9	11074.4	11074.4	11084.1	10952.1	11284.7	11186.9
7.5°	8159.0	8183.5	8286.2	8682.4	8794.9	9093.3	9220.5	9132.4	8868.3	8755.8	8848.7
10°	7043.8	6901.9	6867.7	6916.6	7171.0	7298.1	7405.8	7376.4	7332.3	7244.3	7146.5
12.5°	6300.3	6197.5	6114.4	5997.0	6011.6	6133.9	6217.1	6148.6	6168.1	6187.7	6217.1
15°	5493.2	5419.8	5375.8	5199.7	5180.1	5263.2	5292.6	5331.8	5405.1	5410.0	5375.8
17.5°	4637.1	4573.5	4671.4	4769.2	4700.8	4705.6	4759.5	4793.7	4774.1	4686.1	4642.1
20°	4050.2	4118.6	4216.4	4309.5	4382.8	4426.8	4446.4	4392.5	4329.0	4148.0	4143.1
22.5°	3878.9	3967.0	4050.2	4192.0	4260.5	4373.0	4270.3	4148.0	4059.9	3971.9	3869.2
25°	3751.8	3825.1	3991.5	4045.3	4177.3	4270.3	4196.9	4074.6	3923.0	3795.8	3717.6
27.5°	3658.9	3742.0	3849.6	3996.3	4099.1	4152.9	4079.5	4030.6	3874.1	3722.4	3609.9
30°	3600.2	3688.2	3883.8	4006.1	4094.2	4138.2	4011.1	3952.4	3839.8	3712.7	3614.8
32.5°	3561.0	3639.3	3805.6	3962.1	4020.8	4020.8	4040.4	3971.9	3815.4	3600.2	3517.0
35°	3433.8	3541.5	3678.4	3859.4	3967.0	4030.6	3932.8	3854.5	3751.8	3531.7	3380.1
37.5°	3360.5	3433.8	3609.9	3781.1	3874.1	3942.5	3903.4	3766.4	3629.5	3448.5	3326.2
40°	3282.2	3399.6	3556.1	3717.6	3820.2	3888.8	3859.4	3698.0	3531.7	3360.5	3277.3
42.5°	3228.4	3306.6	3468.1	3649.1	3771.4	3903.4	3815.4	3614.8	3497.5	3262.7	3169.7
45°	3184.4	3311.5	3482.7	3556.1	3683.3	3820.2	3663.7	3541.5	3404.5	3233.3	3155.0
47.5°	3130.5	3247.9	3360.5	3556.1	3614.8	3678.4	3649.1	3453.4	3336.0	3150.1	3096.3
50°	3111.0	3155.0	3360.5	3468.1	3551.2	3614.8	3536.6	3389.8	3277.3	3086.6	2969.2
52.5°	3032.7	3115.9	3247.9	3389.8	3492.5	3570.8	3443.6	3350.7	3199.1	2998.5	2925.1
55°	2934.9	2983.8	3218.6	3365.3	3419.2	3473.0	3424.0	3272.4	3115.9	2910.4	2837.1
57.5°	2807.8	2920.2	3111.0	3316.4	3384.9	3414.3	3336.0	3213.7	3018.1	2837.1	2719.7
60°	2675.6	2793.0	3003.4	3169.7	3238.2	3345.8	3228.4	3155.0	2930.0	2729.5	2602.3
62.5°	2543.6	2675.6	2832.2	3042.5	3101.2	3145.3	3115.9	3013.1	2832.2	2607.2	2450.7
65°	2387.1	2484.9	2680.5	2788.2	2827.3	2930.0	2827.3	2788.2	2626.8	2411.5	2279.4
67.5°	2152.3	2235.4	2406.6	2509.4	2538.7	2582.7	2577.8	2533.8	2352.8	2206.0	2088.7
70°	1883.3	1956.6	2064.2	2186.5	2201.1	2255.0	2206.0	2196.3	2078.9	1878.4	1814.7
72.5°	1511.4	1580.0	1721.8	1775.6	1780.5	1800.1	1775.6	1741.4	1712.0	1501.7	1438.1
75°	1159.3	1198.4	1266.9	1315.8	1315.8	1340.3	1325.6	1291.4	1213.1	1081.0	1017.4
77.5°	807.1	846.2	934.3	963.6	958.7	968.5	924.5	890.3	772.9	704.3	650.6
80°	587.0	611.4	655.5	675.0	679.9	694.6	640.8	611.4	542.9	464.7	440.3
82.5°	425.5	440.3	445.1	469.6	469.6	445.1	430.4	401.1	352.2	303.3	283.7
85°	176.1	181.0	185.9	215.2	220.1	264.2	244.6	229.9	200.6	171.2	156.5
87.5°	44.0	48.9	63.6	53.8	63.6	63.6	68.5	78.3	78.3	63.6	63.6
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°	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8
2.5°	13339.1	13378.3	13877.2	13940.8	14185.4	14434.8	14938.7	15300.6	15594.2	15784.9	15838.7
5°	11289.6	11539.0	11769.0	12140.7	12478.3	12957.6	13510.3	14195.2	15056.1	15496.3	15672.4
7.5°	8838.9	9132.4	9465.0	9827.0	10321.1	11182.0	11920.6	12713.1	13813.6	14268.5	14958.2
10°	7214.9	7542.7	7982.9	8261.7	8858.5	9680.2	10541.2	11455.9	12507.6	13163.1	13960.3
12.5°	6378.5	6647.5	7053.6	7640.6	8085.6	8618.8	9259.6	10414.0	11920.6	12541.8	13089.7
15°	5454.1	5752.4	6222.0	6872.6	7405.8	8041.6	8760.7	10017.8	11622.2	12580.9	13045.7
17.5°	4690.9	4906.1	5400.2	5962.8	6574.2	7268.8	8300.9	9998.2	11935.3	13163.1	13921.2
20°	4162.7	4192.0	4461.1	4940.5	5772.0	6676.9	8017.2	9900.4	12938.0	14165.8	15124.5
22.5°	3830.1	3800.7	3805.6	4211.6	4793.7	6094.8	7572.0	10233.0	14077.8	15760.4	16406.1
25°	3663.7	3585.4	3536.6	3624.6	4152.9	5405.1	7234.5	10673.3	15305.5	17076.3	17868.6
27.5°	3575.7	3438.8	3340.9	3355.6	3742.0	5057.8	7024.2	10864.0	16523.5	18910.6	19189.3
30°	3541.5	3370.2	3228.4	3179.5	3433.8	4573.5	6574.2	11191.8	17614.3	19918.2	20157.9
32.5°	3419.2	3208.8	3071.8	3027.9	3130.5	4148.0	6251.3	11426.6	18577.9	21013.9	20930.7
35°	3277.3	3101.2	2930.0	2846.9	2920.2	3874.1	5992.1	11314.1	19712.8	21865.0	21821.0
37.5°	3262.7	3032.7	2890.9	2753.9	2749.1	3536.6	5639.9	11421.7	20436.7	23391.2	22789.5
40°	3135.4	2988.7	2802.8	2690.4	2626.8	3365.3	5297.5	11167.3	21498.1	24007.5	23415.6
42.5°	3140.4	2920.2	2758.8	2626.8	2563.1	3115.9	5062.7	11098.8	21870.0	25010.2	23709.1
45°	3062.1	2846.9	2709.9	2553.4	2519.1	2925.1	4837.7	10780.9	22525.3	25059.2	23342.3
47.5°	2983.8	2793.0	2646.3	2460.4	2382.1	2856.6	4661.6	10516.7	22183.0	24599.4	22833.6
50°	2930.0	2709.9	2573.0	2440.8	2220.7	2739.2	4431.7	10453.1	21703.6	23978.2	21889.5
52.5°	2837.1	2641.4	2499.5	2396.8	2044.6	2631.7	4343.7	10824.9	22290.6	23513.4	21615.6
55°	2749.1	2548.5	2367.5	2166.9	1897.9	2347.9	4099.1	11172.2	23146.6	24584.7	22858.0
57.5°	2656.0	2465.3	2269.7	2030.0	1756.1	2054.4	3844.7	11235.8	21542.2	22721.0	21698.7
60°	2533.8	2289.2	2142.4	1829.4	1604.4	1702.3	3047.4	9905.3	16709.4	18974.1	19008.4
62.5°	2396.8	2132.7	2005.5	1638.7	1447.9	1467.5	2484.9	8325.3	13554.4	15706.6	16640.9
65°	2215.9	1961.5	1809.8	1516.4	1335.3	1271.8	1819.7	6099.7	10296.6	12742.3	13803.8
67.5°	1981.1	1741.4	1550.6	1320.7	1193.5	1090.8	1242.4	3433.8	6080.2	8555.2	8878.1
70°	1731.6	1526.2	1325.6	1134.8	993.0	919.6	909.8	1521.3	2905.6	4602.9	5238.8
72.5°	1364.7	1218.0	1056.5	914.7	821.7	714.2	650.6	631.0	983.2	1873.4	2587.6
75°	978.3	856.1	763.0	670.1	601.7	542.9	494.0	450.0	410.9	469.6	645.7
77.5°	616.4	572.3	499.0	474.5	435.4	420.7	401.1	376.7	347.3	327.7	327.7
80°	415.8	386.4	362.0	357.1	342.4	337.5	342.4	318.0	288.6	264.2	273.9
82.5°	278.8	273.9	269.0	264.2	269.0	273.9	283.7	278.8	254.3	239.7	244.6
85°	166.3	176.1	185.9	195.7	215.2	190.7	156.5	132.0	117.4	107.6	102.7
87.5°	63.6	88.1	78.3	73.3	78.3	73.3	68.5	63.6	53.8	48.9	48.9
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: P651519

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**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8	14977.8
2.5°	16195.8	16293.6	16376.8	16357.2	16186.0	15956.1	15863.1	15388.7	15290.8	15227.2
5°	16415.9	16983.3	17105.6	17032.2	16587.1	16024.6	15476.8	14782.1	14376.1	14361.4
7.5°	16009.9	16709.4	16929.5	17095.8	16504.0	15525.6	14586.5	13544.6	13290.2	13309.8
10°	14977.8	16093.0	16636.0	16807.2	16127.3	15281.1	13979.9	12923.4	12380.4	12370.6
12.5°	14405.5	15281.1	15432.7	15672.4	15471.8	14615.8	13627.7	12444.0	11915.7	11906.0
15°	13896.8	14473.9	14518.0	14855.5	14963.1	14385.9	13720.7	12458.7	12033.1	11989.0
17.5°	14341.9	13940.8	13774.5	13818.5	14136.5	14346.8	14258.7	13290.2	12854.9	12610.3
20°	14640.3	13745.1	13241.3	13290.2	13666.8	14434.8	15061.0	14493.5	13803.8	13833.2
22.5°	15437.6	13774.5	12987.0	12933.2	13529.9	14894.6	15965.9	16014.8	15349.5	15188.1
25°	16631.1	14112.0	12908.7	12894.0	13466.3	15388.7	17022.4	17814.8	17135.0	16836.6
27.5°	17589.9	14640.3	13153.2	13202.2	13666.8	15789.8	17922.5	18974.1	18455.7	18088.8
30°	18431.2	15188.1	13495.7	13270.6	14204.9	16000.1	18308.9	20294.8	19879.1	19575.8
32.5°	18778.5	15965.9	14038.6	13666.8	14650.1	16254.4	19111.1	21576.4	21219.4	20470.9
35°	19365.5	16401.2	14332.1	14302.7	15427.8	16865.9	19487.7	22422.7	22275.9	21610.7
37.5°	19835.1	16841.4	15374.0	15051.1	16494.1	17893.1	20094.3	23591.7	23254.2	22941.1
40°	20197.0	17629.0	16347.4	16773.0	17805.1	18827.4	20651.9	23665.1	24638.5	23728.6
42.5°	19864.4	18333.4	17946.9	18964.4	19942.6	19893.8	20715.5	24232.5	24961.4	24486.9
45°	19781.2	19526.9	20475.8	21400.3	21625.3	20779.1	20260.6	23606.4	24863.5	24653.2
47.5°	19580.7	20700.9	22354.2	23860.8	23518.3	21371.0	19717.7	23493.9	24922.2	24545.6
50°	19512.2	20955.2	23743.4	25210.8	25005.4	21884.6	19463.3	22770.0	24506.4	24472.2
52.5°	19507.3	21478.6	24320.5	25944.5	26071.8	22696.6	19810.6	23136.8	24829.3	25117.9
55°	19727.4	21312.3	24247.2	25538.6	25489.6	22334.6	19849.7	23381.4	25225.5	25509.2
57.5°	18607.3	19091.5	20011.2	21033.5	20769.3	18499.6	17726.9	21615.6	23151.5	22946.0
60°	16068.6	14552.2	13515.2	13466.3	12952.7	12243.4	14508.2	19292.1	19292.1	19091.5
62.5°	14072.9	9553.1	8207.9	7826.4	8193.3	9010.1	13994.6	18763.8	18230.6	18000.8
65°	12307.0	7293.2	5933.4	5825.8	6461.7	7694.3	12654.4	15985.5	15046.2	14283.2
67.5°	7919.4	5341.5	4412.1	4221.4	4989.3	5649.7	8423.2	9832.0	9240.1	8941.7
70°	5106.7	3477.9	2455.6	2303.9	2602.3	3482.7	5380.6	5732.8	4871.9	4671.4
72.5°	2416.4	1501.7	860.9	709.3	797.4	1330.5	2127.8	2289.2	1902.8	1741.4
75°	768.0	552.7	352.2	303.3	288.6	342.4	489.1	376.7	273.9	269.0
77.5°	342.4	327.7	278.8	234.8	205.5	171.2	141.9	117.4	122.3	127.2
80°	283.7	259.3	229.9	205.5	171.2	132.0	102.7	78.3	78.3	83.2
82.5°	249.4	225.0	200.6	171.2	146.8	107.6	78.3	53.8	48.9	48.9
85°	107.6	127.2	137.0	146.8	117.4	88.1	53.8	34.2	29.4	29.4
87.5°	44.0	39.1	34.2	29.4	24.5	24.5	19.6	14.6	9.8	9.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)