

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: P651079

Luminaire Tested: **GALN-SA8C-840-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P651079  
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-SA8C-840-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 80 CRI, 4000K, 1050mA 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: 35557.5 lumens  
Efficiency: N/A  
Efficacy: 82.9 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

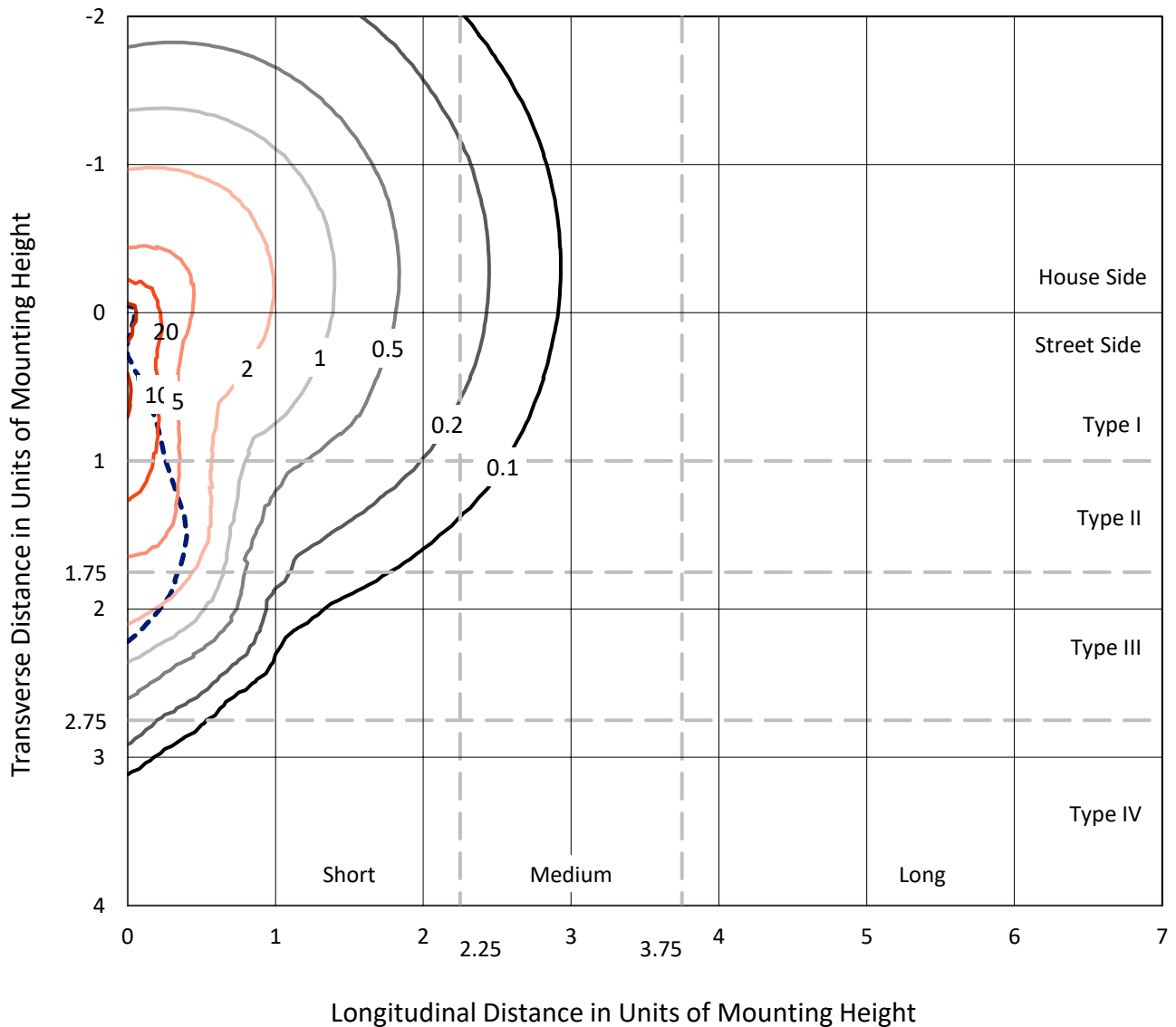
Input Watts (W): 429  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

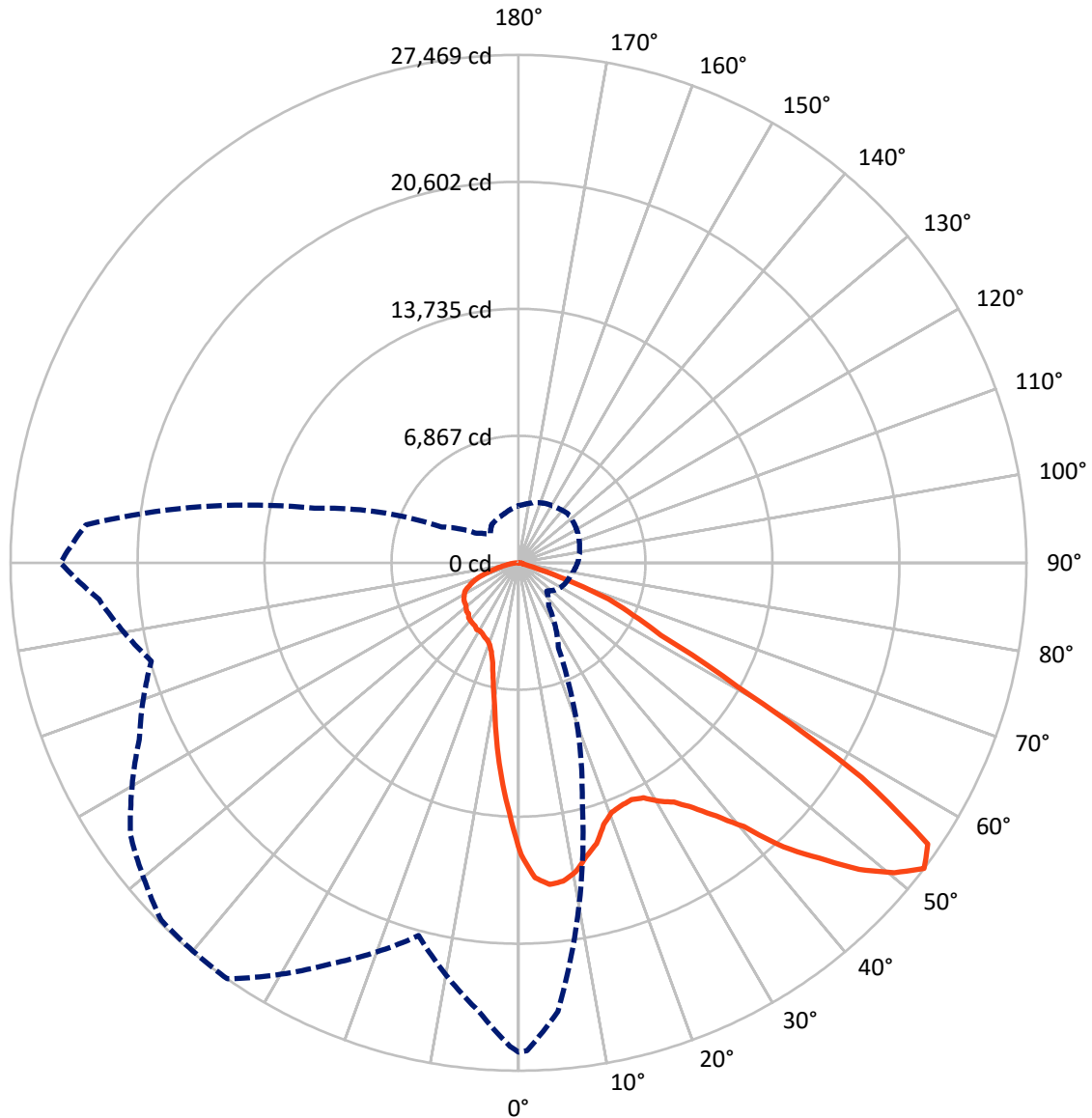
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 25.2 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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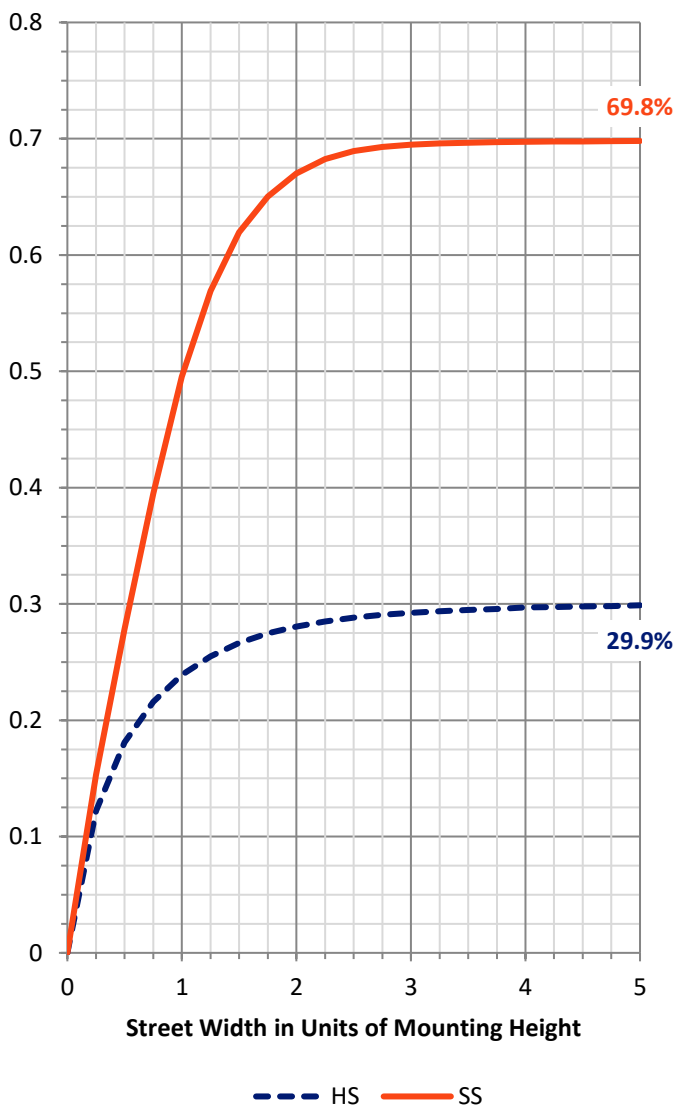
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10719.1	0.0	10719.1
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	24838.4	0.0	24838.4
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	35557.5	0.0	35557.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1203.9	3.4
10°-20°	2609.9	7.3
20°-30°	3943.4	11.1
30°-40°	5698.4	16.0
40°-50°	7583.5	21.3
50°-60°	8482.3	23.9
60°-70°	4780.6	13.4
70°-80°	1065.7	3.0
80°-90°	189.8	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°	35557.5	100.0
0°-180°	35557.5	100.0



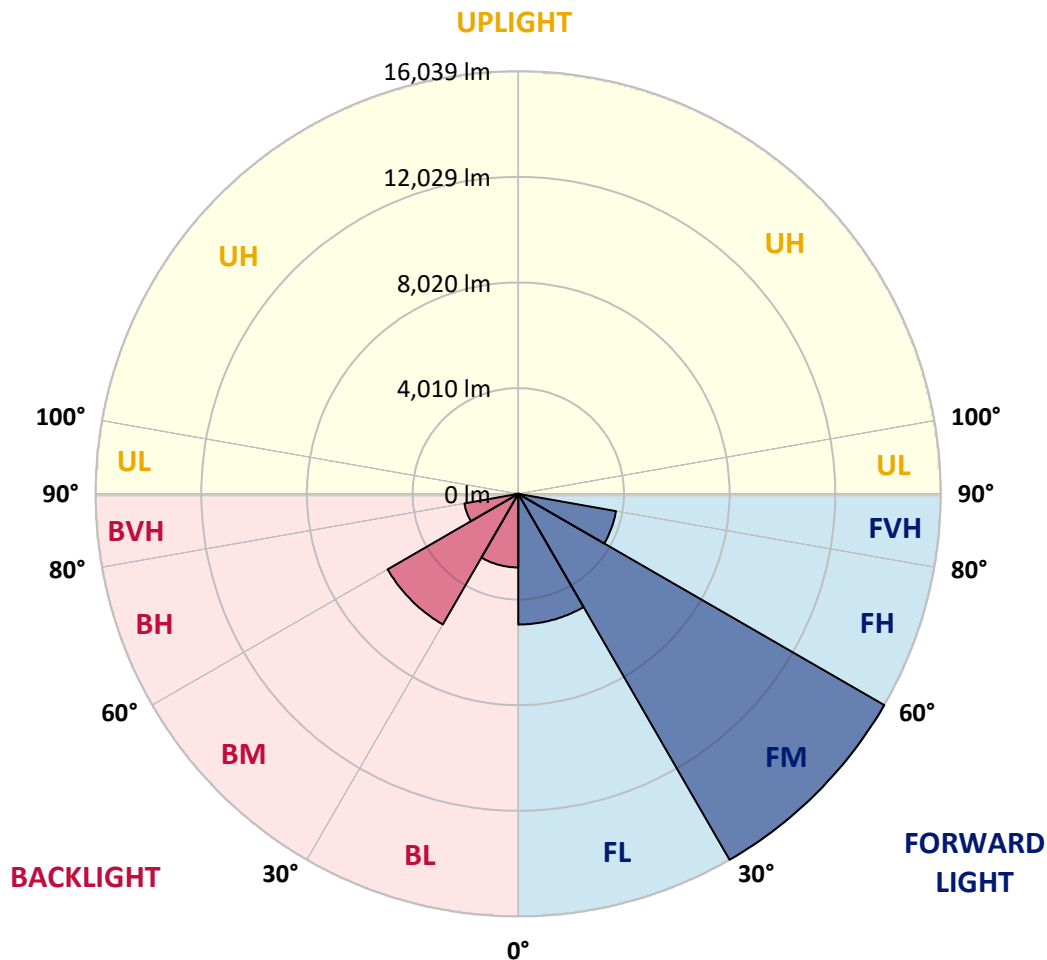
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4962.0	14.0			
FM (30°-60°)	16039.1	45.1			
FH (60°-80°)	3768.6	10.6			G2/5000
FVH (80°-90°)	68.7	0.2			G1/100
BL (0°-30°)	2795.3	7.9	B4/5000		
BM (30°-60°)	5725.1	16.1	B4/8500		
BH (60°-80°)	2077.7	5.8	B3/2500		G3/2500
BVH (80°-90°)	121.0	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-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6
2.5°	16043.5	16301.2	16022.8	15528.1	15177.6	14858.1	14523.1	14456.1	14018.0	13940.8	13621.3
5°	15131.3	15074.6	14734.4	14085.1	13368.7	12719.4	12240.0	11776.2	11461.8	11095.9	11070.2
7.5°	14023.3	13693.4	13497.5	12513.2	11626.7	10606.4	10168.3	9462.2	9240.6	8910.7	8740.7
10°	13033.7	12791.4	12332.8	11348.5	10111.6	9436.4	8967.4	8586.1	8328.3	7988.2	7560.5
12.5°	12544.1	12446.2	11930.8	10405.4	9488.0	8766.4	8436.6	8065.5	7627.4	7081.2	6869.9
15°	12631.7	12301.9	11910.2	10225.0	8957.2	8261.4	7735.7	7271.9	6710.1	6189.6	5885.5
17.5°	13286.2	13033.7	12250.3	10338.3	8756.2	7751.2	6797.7	6112.3	5607.2	5138.3	4926.9
20°	14574.7	14208.8	13327.5	10482.6	8323.2	7039.9	5947.4	5102.2	4561.0	4313.7	4241.5
22.5°	16002.2	15785.8	14378.8	10807.3	7977.9	6380.2	5045.5	4200.3	3999.3	3932.3	4066.2
25°	17739.0	17177.3	16012.6	11338.1	7710.0	5818.5	4282.7	3813.8	3710.7	3777.7	3932.3
27.5°	19058.4	18909.0	17156.7	11838.1	7344.0	5143.4	3855.0	3545.7	3576.7	3643.6	3787.9
30°	20625.1	19867.5	18264.7	12183.3	7014.2	4679.6	3556.1	3473.6	3504.5	3617.9	3690.1
32.5°	21568.2	21284.8	18960.4	12703.9	6632.8	4277.6	3324.1	3246.8	3293.2	3463.3	3633.4
35°	22769.1	22207.3	19821.1	12837.9	6364.9	4117.8	3159.2	3102.5	3210.8	3329.3	3520.0
37.5°	24170.8	23784.3	21011.6	12745.1	6220.5	3952.9	3020.0	2994.3	3071.6	3236.5	3458.1
40°	25000.6	24882.1	21635.2	12801.8	5993.7	3808.6	2860.3	2891.2	3051.0	3179.8	3396.3
42.5°	25799.4	25026.4	22557.7	12781.2	5849.4	3612.8	2875.8	2839.7	2963.3	3112.8	3319.0
45°	25974.6	25206.7	22774.2	12636.9	5674.2	3422.0	2757.2	2772.7	2922.1	3107.7	3241.7
47.5°	25861.3	25294.3	23176.2	12595.7	5509.3	3288.1	2582.0	2767.6	2855.1	3004.6	3195.3
50°	25784.0	25753.0	23516.3	12791.4	5287.7	3076.8	2370.7	2700.5	2788.2	2937.6	3143.7
52.5°	26464.3	26397.2	24366.7	13306.9	5112.4	2850.0	2154.2	2530.5	2741.7	2886.1	3087.1
55°	26876.5	26582.7	25825.2	13940.8	4818.7	2551.1	2004.8	2319.1	2628.4	2757.2	2963.3
57.5°	24176.0	23975.0	23361.7	13013.1	4323.9	2159.4	1819.3	2102.7	2473.8	2674.8	2886.1
60°	20114.9	19800.5	18228.7	11059.8	3190.2	1680.1	1705.9	1932.6	2432.5	2509.9	2757.2
62.5°	18965.6	18187.4	16048.6	8900.5	2448.0	1443.1	1530.6	1778.0	2216.1	2345.0	2592.3
65°	15048.8	14471.6	11482.4	6426.7	1638.9	1252.3	1396.6	1602.8	1912.0	2164.6	2391.3
67.5°	9421.0	8869.5	6127.8	3040.7	1144.1	1071.9	1247.2	1463.7	1716.1	1943.0	2195.5
70°	4921.8	4318.8	2829.4	1097.8	788.5	876.2	1041.1	1247.2	1494.5	1680.1	1875.9
72.5°	1834.7	1489.4	922.5	474.2	546.3	669.9	845.2	994.7	1169.9	1396.6	1504.9
75°	283.4	242.2	237.1	288.6	371.0	484.4	603.0	752.4	907.0	1051.3	1123.5
77.5°	134.0	128.8	144.3	190.7	247.3	345.3	438.1	582.4	706.0	798.8	840.1
80°	87.6	82.4	92.8	128.8	185.5	257.7	350.4	448.3	561.8	639.1	628.7
82.5°	51.6	56.7	56.7	87.6	128.8	185.5	252.6	340.2	417.5	484.4	443.2
85°	30.9	25.7	25.7	51.6	87.6	149.4	211.3	144.3	149.4	149.4	170.1
87.5°	10.3	10.3	10.3	5.1	10.3	10.3	15.5	25.7	30.9	36.1	46.4
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°	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6
2.5°	13610.9	13770.7	13714.0	13513.0	13667.6	13693.4	13590.3	13945.9	14012.9	13904.7	13935.6
5°	11034.1	11075.3	11168.1	11363.9	11503.0	11667.9	11667.9	11678.3	11539.1	11889.6	11786.5
7.5°	8596.4	8622.1	8730.3	9147.8	9266.4	9580.8	9714.7	9622.0	9343.7	9225.1	9323.1
10°	7421.3	7271.9	7235.8	7287.3	7555.3	7689.3	7802.7	7771.8	7725.4	7632.7	7529.6
12.5°	6637.9	6529.8	6442.1	6318.4	6333.9	6462.7	6550.4	6478.2	6498.8	6519.4	6550.4
15°	5787.6	5710.3	5663.9	5478.4	5457.8	5545.4	5576.3	5617.5	5694.8	5700.0	5663.9
17.5°	4885.7	4818.7	4921.8	5024.9	4952.7	4957.9	5014.5	5050.6	5030.0	4937.3	4890.8
20°	4267.2	4339.4	4442.5	4540.4	4617.7	4664.1	4684.7	4628.0	4561.0	4370.3	4365.2
22.5°	4086.9	4179.7	4267.2	4416.7	4488.8	4607.4	4499.2	4370.3	4277.6	4184.8	4076.6
25°	3952.9	4030.2	4205.4	4262.1	4401.3	4499.2	4421.9	4293.1	4133.3	3999.3	3916.8
27.5°	3855.0	3942.6	4056.0	4210.6	4318.8	4375.5	4298.2	4246.6	4081.7	3922.0	3803.4
30°	3793.2	3885.9	4092.1	4220.9	4313.7	4360.0	4226.0	4164.2	4045.6	3911.7	3808.6
32.5°	3751.9	3834.4	4009.6	4174.5	4236.4	4236.4	4257.0	4184.8	4019.9	3793.2	3705.5
35°	3617.9	3731.3	3875.6	4066.2	4179.7	4246.6	4143.6	4061.1	3952.9	3721.0	3561.2
37.5°	3540.6	3617.9	3803.4	3983.8	4081.7	4153.9	4112.7	3968.3	3824.0	3633.4	3504.5
40°	3458.1	3581.8	3746.7	3916.8	4025.0	4097.2	4066.2	3896.2	3721.0	3540.6	3453.0
42.5°	3401.4	3483.9	3654.0	3844.6	3973.5	4112.7	4019.9	3808.6	3684.9	3437.5	3339.6
45°	3355.1	3489.1	3669.5	3746.7	3880.7	4025.0	3860.1	3731.3	3586.9	3406.6	3324.1
47.5°	3298.4	3422.0	3540.6	3746.7	3808.6	3875.6	3844.6	3638.5	3514.8	3319.0	3262.3
50°	3277.7	3324.1	3540.6	3654.0	3741.6	3808.6	3726.1	3571.5	3453.0	3252.0	3128.3
52.5°	3195.3	3282.9	3422.0	3571.5	3679.7	3762.2	3628.2	3530.3	3370.6	3159.2	3081.9
55°	3092.2	3143.7	3391.2	3545.7	3602.4	3659.1	3607.6	3447.8	3282.9	3066.5	2989.2
57.5°	2958.2	3076.8	3277.7	3494.2	3566.3	3597.3	3514.8	3386.0	3179.8	2989.2	2865.5
60°	2819.0	2942.7	3164.3	3339.6	3411.8	3525.1	3401.4	3324.1	3087.1	2875.8	2741.7
62.5°	2679.9	2819.0	2984.0	3205.6	3267.5	3313.8	3282.9	3174.7	2984.0	2747.0	2582.0
65°	2515.0	2618.1	2824.2	2937.6	2978.8	3087.1	2978.8	2937.6	2767.6	2540.7	2401.6
67.5°	2267.6	2355.2	2535.6	2643.9	2674.8	2721.1	2716.0	2669.6	2478.9	2324.4	2200.6
70°	1984.2	2061.5	2174.8	2303.7	2319.1	2375.8	2324.4	2314.0	2190.3	1979.0	1912.0
72.5°	1592.5	1664.7	1814.1	1870.8	1875.9	1896.5	1870.8	1834.7	1803.8	1582.2	1515.2
75°	1221.5	1262.7	1334.8	1386.3	1386.3	1412.1	1396.6	1360.6	1278.2	1139.0	1071.9
77.5°	850.3	891.6	984.4	1015.3	1010.1	1020.5	974.0	938.0	814.3	742.1	685.4
80°	618.5	644.2	690.6	711.2	716.4	731.8	675.2	644.2	572.0	489.6	463.8
82.5°	448.3	463.8	469.0	494.8	494.8	469.0	453.6	422.6	371.0	319.5	298.9
85°	185.5	190.7	195.9	226.7	231.9	278.3	257.7	242.2	211.3	180.4	164.9
87.5°	46.4	51.6	67.0	56.7	67.0	67.0	72.2	82.4	82.4	67.0	67.0
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6
2.5°	14054.1	14095.3	14621.0	14688.1	14945.7	15208.6	15739.4	16120.8	16430.0	16631.0	16687.7
5°	11894.8	12157.6	12399.8	12791.4	13147.1	13652.1	14234.5	14956.0	15863.1	16326.9	16512.4
7.5°	9312.7	9622.0	9972.4	10353.8	10874.3	11781.3	12559.6	13394.4	14554.0	15033.4	15760.0
10°	7601.7	7947.0	8410.8	8704.6	9333.3	10199.1	11106.2	12069.9	13178.0	13868.6	14708.7
12.5°	6720.4	7003.8	7431.7	8050.1	8519.1	9080.8	9755.9	10972.2	12559.6	13214.0	13791.3
15°	5746.4	6060.8	6555.5	7240.9	7802.7	8472.7	9230.3	10554.8	12245.2	13255.3	13744.9
17.5°	4942.4	5169.1	5689.7	6282.4	6926.6	7658.4	8745.8	10534.2	12575.1	13868.6	14667.5
20°	4385.8	4416.7	4700.2	5205.2	6081.4	7034.8	8446.9	10431.1	13631.5	14925.1	15935.3
22.5°	4035.4	4004.4	4009.6	4437.4	5050.6	6421.5	7977.9	10781.5	14832.4	16605.2	17285.5
25°	3860.1	3777.7	3726.1	3818.9	4375.5	5694.8	7622.3	11245.3	16125.9	17991.6	18826.5
27.5°	3767.3	3623.0	3520.0	3535.5	3942.6	5328.9	7400.7	11446.3	17409.2	19924.2	20218.0
30°	3731.3	3550.9	3401.4	3349.9	3617.9	4818.7	6926.6	11791.7	18558.4	20985.9	21238.4
32.5°	3602.4	3380.8	3236.5	3190.2	3298.4	4370.3	6586.5	12039.1	19573.8	22140.3	22052.7
35°	3453.0	3267.5	3087.1	2999.4	3076.8	4081.7	6313.3	11920.5	20769.4	23037.0	22990.7
37.5°	3437.5	3195.3	3045.8	2901.5	2896.4	3726.1	5942.3	12033.9	21532.1	24645.0	24011.1
40°	3303.5	3148.9	2953.1	2834.5	2767.6	3545.7	5581.5	11765.9	22650.5	25294.3	24670.7
42.5°	3308.7	3076.8	2906.7	2767.6	2700.5	3282.9	5334.0	11693.8	23042.2	26350.9	24980.0
45°	3226.2	2999.4	2855.1	2690.2	2654.2	3081.9	5097.0	11358.7	23732.8	26402.4	24593.4
47.5°	3143.7	2942.7	2788.2	2592.3	2509.9	3009.8	4911.4	11080.4	23372.1	25917.9	24057.5
50°	3087.1	2855.1	2710.9	2571.7	2339.7	2886.1	4669.2	11013.5	22867.0	25263.5	23062.8
52.5°	2989.2	2783.0	2633.5	2525.4	2154.2	2772.7	4576.5	11405.1	23485.4	24773.8	22774.2
55°	2896.4	2685.1	2494.4	2283.1	1999.6	2473.8	4318.8	11771.1	24387.3	25902.5	24083.2
57.5°	2798.4	2597.4	2391.3	2138.7	1850.2	2164.6	4050.8	11838.1	22696.9	23938.9	22861.8
60°	2669.6	2411.9	2257.3	1927.5	1690.4	1793.5	3210.8	10436.2	17605.1	19991.2	20027.2
62.5°	2525.4	2247.0	2113.0	1726.5	1525.5	1546.1	2618.1	8771.6	14280.9	16548.5	17532.9
65°	2334.6	2066.7	1906.9	1597.6	1407.0	1340.0	1917.1	6426.7	10848.6	13425.4	14543.7
67.5°	2087.3	1834.7	1633.7	1391.5	1257.5	1149.3	1309.0	3617.9	6406.1	9013.8	9353.9
70°	1824.4	1608.0	1396.6	1195.6	1046.2	968.9	958.6	1602.8	3061.3	4849.6	5519.7
72.5°	1437.9	1283.3	1113.2	963.7	865.8	752.4	685.4	664.8	1035.9	1973.8	2726.3
75°	1030.7	901.9	804.0	706.0	633.9	572.0	520.5	474.2	432.9	494.8	680.3
77.5°	649.3	603.0	525.7	499.9	458.7	443.2	422.6	396.9	365.9	345.3	345.3
80°	438.1	407.1	381.4	376.2	360.8	355.6	360.8	335.0	304.1	278.3	288.6
82.5°	293.8	288.6	283.4	278.3	283.4	288.6	298.9	293.8	268.0	252.6	257.7
85°	175.3	185.5	195.9	206.1	226.7	201.0	164.9	139.2	123.7	113.4	108.2
87.5°	67.0	92.8	82.4	77.3	82.4	77.3	72.2	67.0	56.7	51.6	51.6
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):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6	15780.6
2.5°	17063.9	17167.0	17254.5	17233.9	17053.6	16811.3	16713.4	16213.6	16110.4	16043.5
5°	17295.8	17893.6	18022.5	17945.2	17476.2	16883.5	16306.3	15574.5	15146.7	15131.3
7.5°	16868.0	17605.1	17836.9	18012.2	17388.6	16357.9	15368.3	14270.6	14002.6	14023.3
10°	15780.6	16955.7	17527.7	17708.1	16991.7	16100.2	14729.3	13616.0	13044.0	13033.7
12.5°	15177.6	16100.2	16259.9	16512.4	16301.2	15399.2	14358.2	13111.0	12554.4	12544.1
15°	14641.6	15249.8	15296.2	15651.8	15765.1	15157.0	14456.1	13126.5	12678.1	12631.7
17.5°	15110.7	14688.1	14512.8	14559.2	14894.2	15115.8	15023.0	14002.6	13543.9	13286.2
20°	15425.0	14481.9	13951.1	14002.6	14399.4	15208.6	15868.2	15270.4	14543.7	14574.7
22.5°	16265.1	14512.8	13683.1	13626.4	14255.1	15693.0	16821.7	16873.2	16172.3	16002.2
25°	17522.6	14868.5	13600.7	13585.2	14188.2	16213.6	17934.9	18769.8	18053.4	17739.0
27.5°	18532.7	15425.0	13858.3	13909.8	14399.4	16636.2	18883.1	19991.2	19444.9	19058.4
30°	19419.1	16002.2	14219.0	13982.0	14966.4	16857.8	19290.3	21382.7	20944.6	20625.1
32.5°	19785.0	16821.7	14791.1	14399.4	15435.3	17125.7	20135.5	22733.0	22356.7	21568.2
35°	20403.5	17280.4	15100.3	15069.5	16254.8	17770.0	20532.3	23624.5	23470.0	22769.1
37.5°	20898.3	17744.2	16198.1	15857.9	17378.3	18852.2	21171.4	24856.3	24500.7	24170.8
40°	21279.7	18573.9	17223.7	17672.0	18759.4	19836.6	21758.9	24933.6	25959.1	25000.6
42.5°	20929.2	19316.1	18909.0	19980.9	21011.6	20960.1	21825.9	25531.4	26299.3	25799.4
45°	20841.6	20573.6	21573.4	22547.5	22784.5	21892.9	21346.6	24871.7	26196.2	25974.6
47.5°	20630.2	21810.5	23552.4	25139.8	24779.0	22516.5	20774.6	24753.2	26258.1	25861.3
50°	20558.1	22078.4	25016.0	26562.1	26345.7	23057.6	20506.6	23990.5	25820.0	25784.0
52.5°	20552.9	22629.9	25624.2	27335.2	27469.2	23913.2	20872.4	24377.0	26160.1	26464.3
55°	20784.9	22454.7	25546.9	26907.5	26855.9	23531.8	20913.7	24634.7	26577.6	26876.5
57.5°	19604.6	20114.9	21083.8	22160.9	21882.6	19491.3	18677.0	22774.2	24392.4	24176.0
60°	16929.9	15332.3	14239.6	14188.2	13647.0	12899.7	15285.8	20326.2	20326.2	20114.9
62.5°	14827.2	10065.2	8647.9	8245.9	8632.4	9493.1	14744.7	19769.6	19207.9	18965.6
65°	12966.7	7684.1	6251.4	6138.0	6808.1	8106.7	13332.6	16842.3	15852.8	15048.8
67.5°	8343.8	5627.8	4648.6	4447.6	5256.8	5952.5	8874.7	10358.9	9735.3	9421.0
70°	5380.5	3664.3	2587.2	2427.4	2741.7	3669.5	5669.1	6040.1	5133.0	4921.8
72.5°	2546.0	1582.2	907.0	747.3	840.1	1401.8	2241.9	2411.9	2004.8	1834.7
75°	809.1	582.4	371.0	319.5	304.1	360.8	515.4	396.9	288.6	283.4
77.5°	360.8	345.3	293.8	247.3	216.5	180.4	149.4	123.7	128.8	134.0
80°	298.9	273.2	242.2	216.5	180.4	139.2	108.2	82.4	82.4	87.6
82.5°	262.8	237.1	211.3	180.4	154.6	113.4	82.4	56.7	51.6	51.6
85°	113.4	134.0	144.3	154.6	123.7	92.8	56.7	36.1	30.9	30.9
87.5°	46.4	41.2	36.1	30.9	25.7	25.7	20.6	15.5	10.3	10.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)