Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1200311

Luminaire Tested: GPC-SB2C-827-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200311
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2C-827-U-SL3
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12725 lumens
Efficiency:	N/A
Efficacy:	126.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

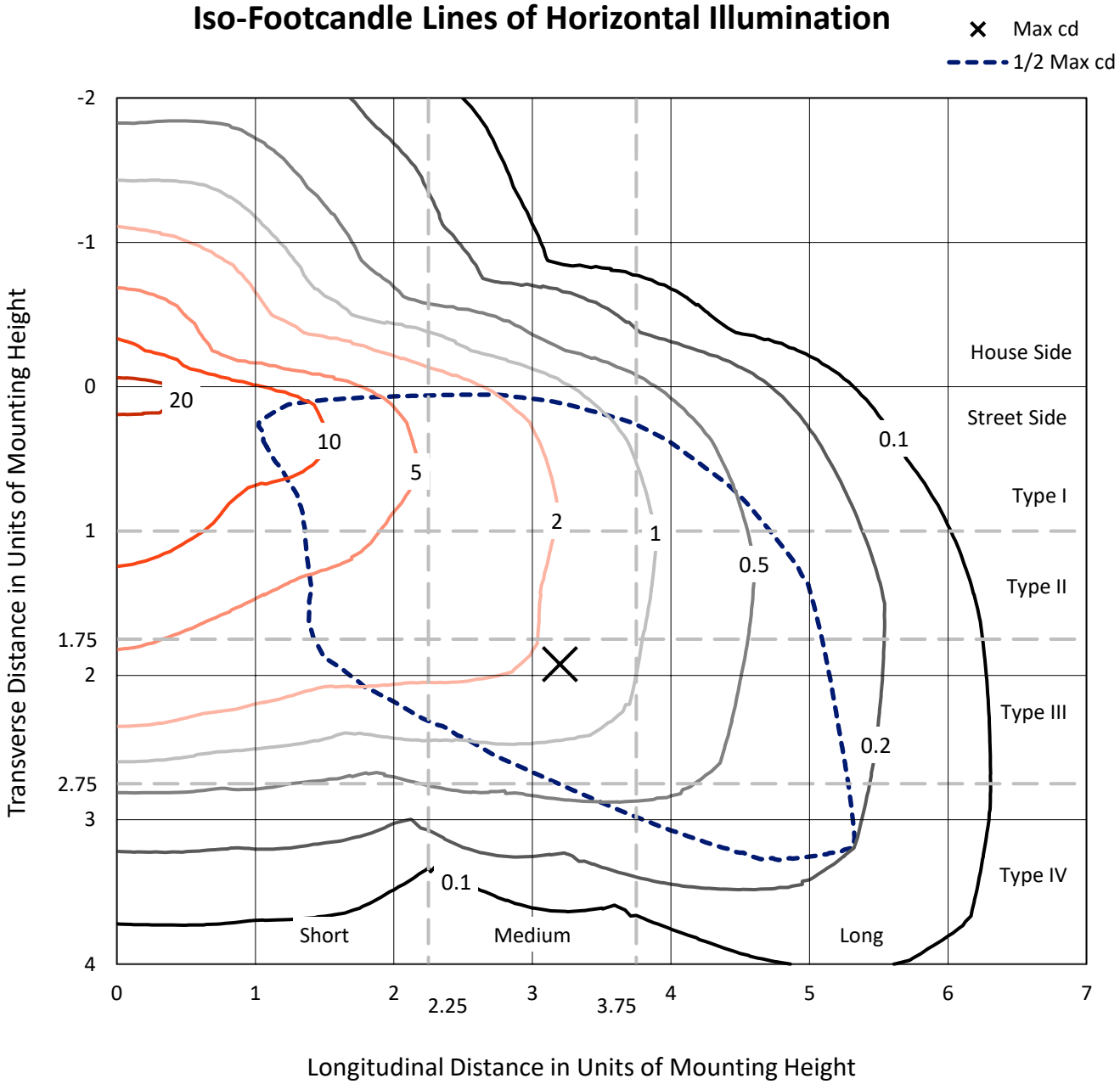


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Iso-Footcandle Lines of Horizontal Illumination



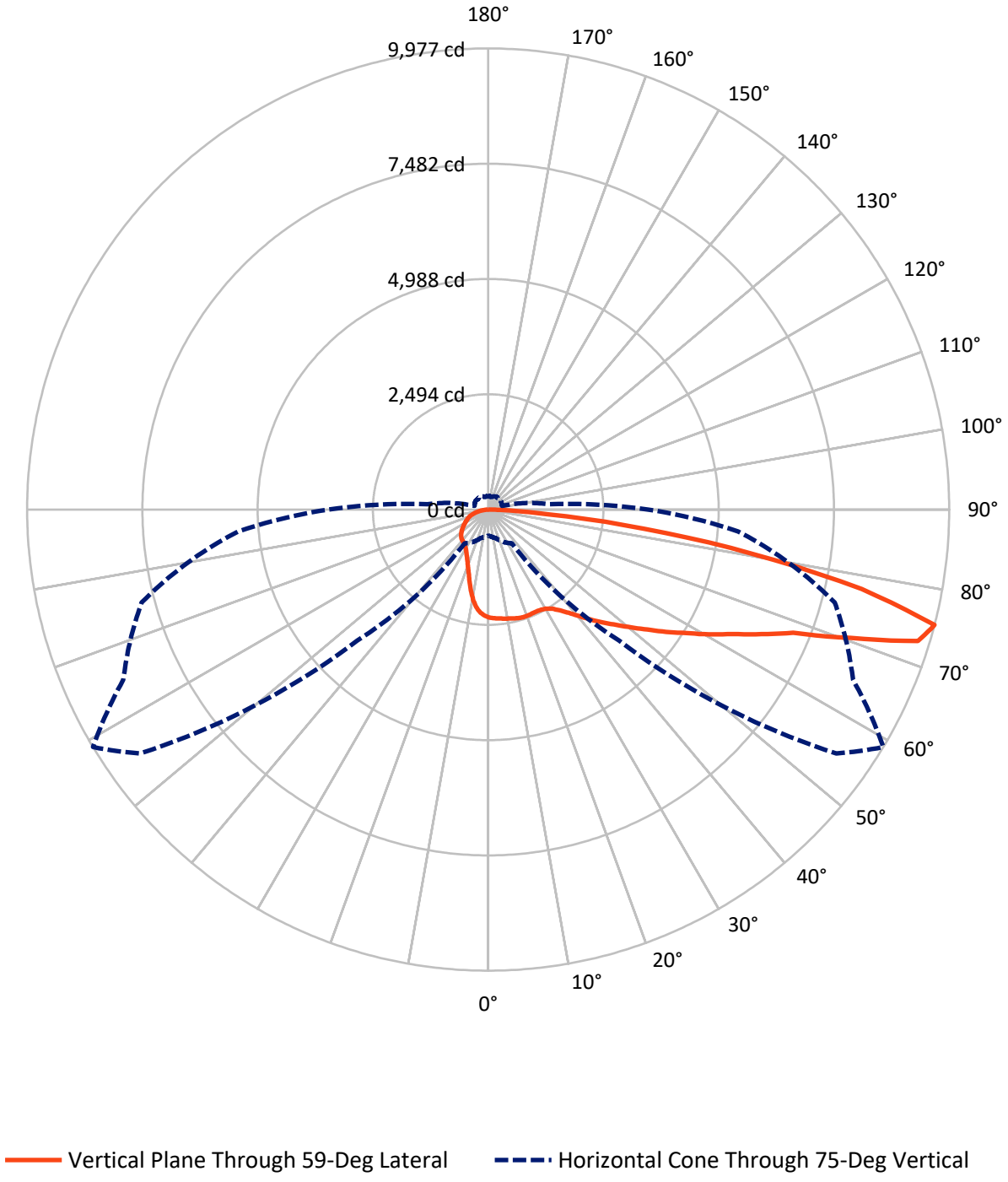
Based on 10 foot mounting height. Maximum calculated value = 23.4 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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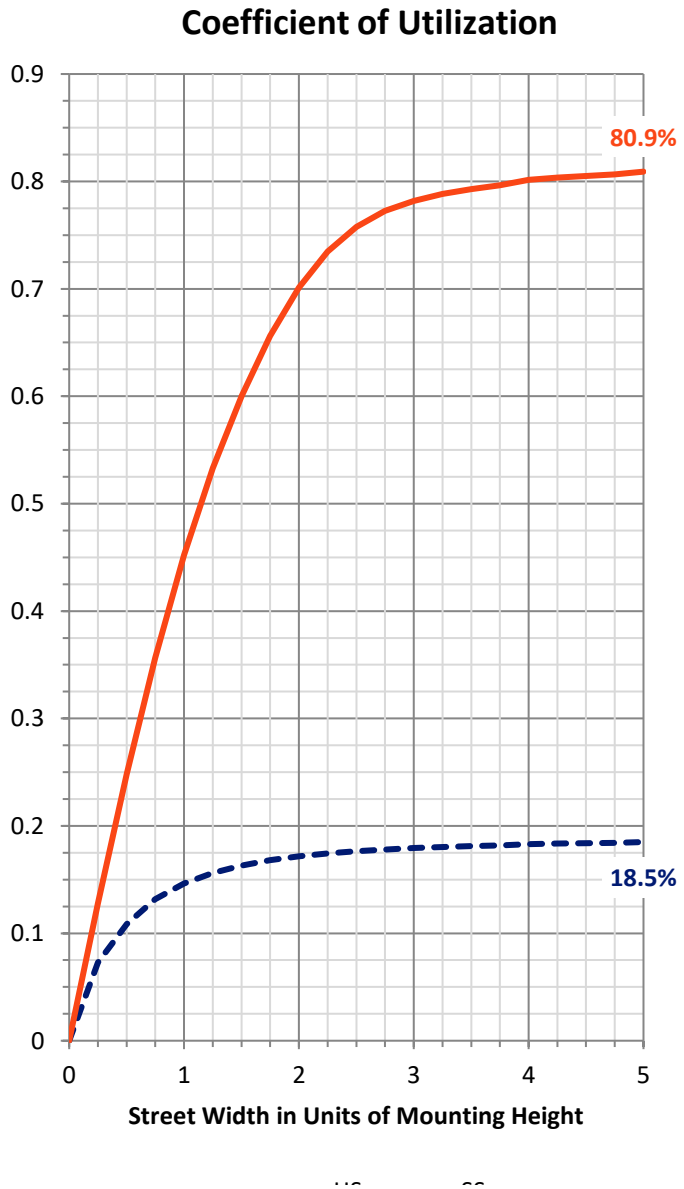
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2386.7	0.0	2386.7
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	10338.3	0.0	10338.3
	% Fixture	81.2	0.0	81.2
Total	Lumens	12725.0	0.0	12725.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.4	1.6
10°-20°	535.3	4.2
20°-30°	813.1	6.4
30°-40°	1208.6	9.5
40°-50°	1797.5	14.1
50°-60°	2439.8	19.2
60°-70°	2978.7	23.4
70°-80°	2337.6	18.4
80°-90°	404.9	3.2
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°	12725.0	100.0
0°-180°	12725.0	100.0



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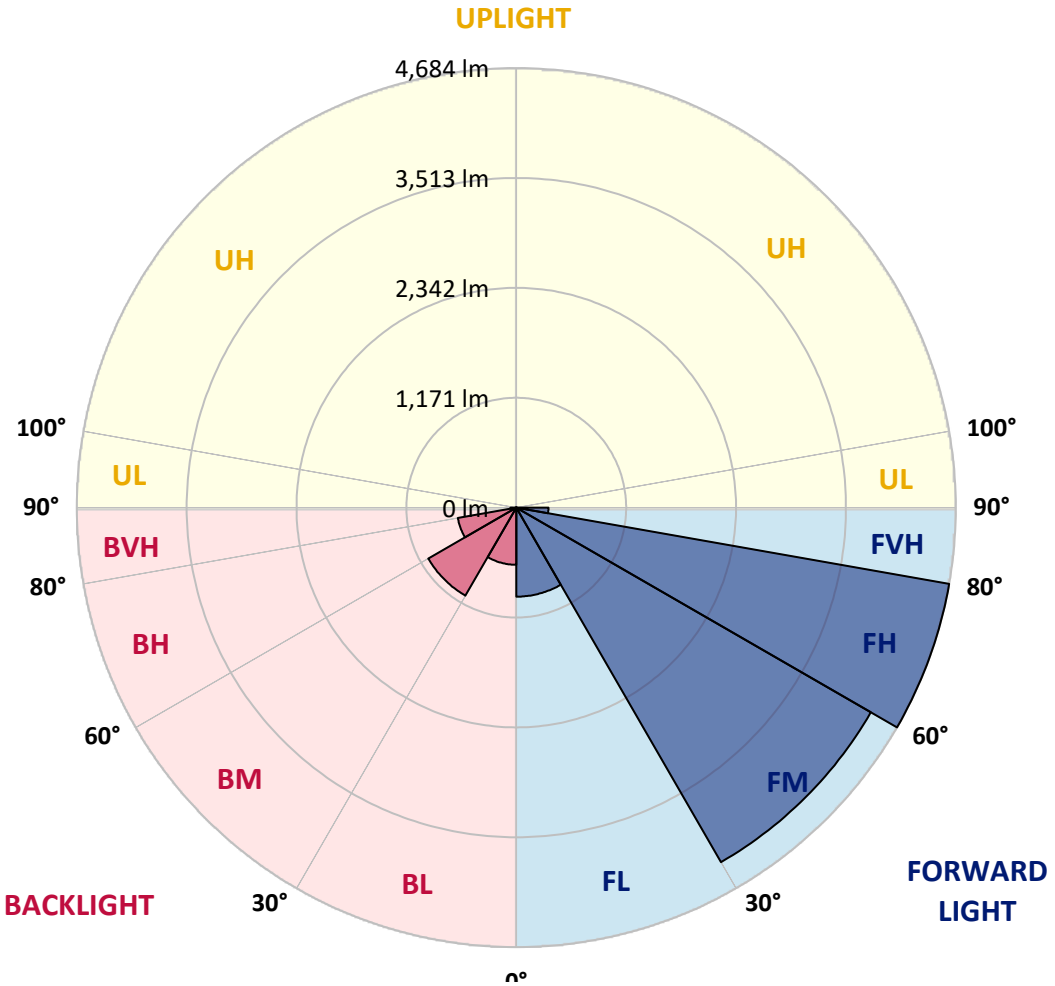
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	948.8	7.5			
FM	(30°-60°)	4362.7	34.3			
FH	(60°-80°)	4683.9	36.8			G2/5000
FVH	(80°-90°)	342.9	2.7			G3/500
BL	(0°-30°)	609.0	4.8	B2/1000		
BM	(30°-60°)	1083.3	8.5	B2/2500		
BH	(60°-80°)	632.3	5.0	B2/1000		G2/1000
BVH	(80°-90°)	62.0	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	2335.6	2335.6	2335.6	2335.6	2335.6	2335.6	2335.6	*2335.6*	2335.6	2335.6	2335.6
2.5°	2355.5	2347.3	2355.5	2352.1	2350.7	2348.0	2348.7	*2353.4*	2350.7	2354.1	2342.5
5°	2339.8	2335.0	2343.2	2341.1	2350.0	2351.4	2360.3	*2365.8*	2369.2	2369.9	2361.0
7.5°	2313.7	2308.9	2320.6	2330.2	2349.3	2354.8	2373.3	*2382.2*	2387.0	2395.2	2382.2
10°	2218.6	2216.5	2245.3	2281.6	2326.7	2354.8	2382.9	*2397.9*	2405.5	2427.4	2412.3
12.5°	2050.2	2052.9	2090.6	2160.4	2250.8	2341.1	2393.8	*2415.7*	2427.4	2454.8	2447.9
15°	1889.3	1888.6	1929.7	2004.3	2131.0	2280.9	2399.3	*2437.0*	2456.8	2497.2	2491.7
17.5°	1796.2	1793.5	1822.2	1879.1	1996.8	2188.5	2385.6	*2448.6*	2491.0	2541.7	2536.9
20°	1779.1	1773.6	1788.7	1816.8	1900.3	2087.2	2350.0	*2448.6*	2518.4	2584.1	2581.4
22.5°	1841.4	1832.5	1826.3	1822.9	1859.9	2003.6	2309.6	*2440.4*	2558.8	2645.1	2640.3
25°	1966.7	1953.0	1921.5	1890.7	1879.7	1966.0	2274.0	*2438.3*	2619.0	2727.2	2709.4
27.5°	2169.3	2152.2	2088.5	2014.6	1948.2	1985.2	2258.3	*2450.6*	2685.4	2814.1	2778.5
30°	2420.5	2402.0	2322.0	2208.3	2089.2	2056.4	2278.1	*2486.9*	2770.3	2929.8	2860.0
32.5°	2645.7	2625.2	2556.8	2441.1	2280.2	2179.6	2341.1	*2556.1*	2903.8	3090.7	2982.5
35°	2845.6	2821.7	2760.1	2653.3	2514.3	2352.8	2454.8	*2678.6*	3093.4	3352.2	3148.9
37.5°	3041.4	3013.3	2946.3	2833.3	2736.1	2583.4	2611.5	*2836.0*	3345.3	3669.8	3369.3
40°	3260.5	3220.1	3138.6	3027.0	2932.6	2853.8	2817.6	*3029.1*	3601.4	4024.4	3644.5
42.5°	3472.7	3434.3	3337.1	3242.0	3123.5	3101.0	3056.5	*3255.0*	3881.3	4413.9	3923.8
45°	3701.3	3655.4	3537.7	3417.2	3342.6	3265.2	3287.8	*3480.9*	4155.8	4810.9	4216.8
47.5°	3915.6	3864.2	3725.3	3591.1	3550.0	3403.5	3500.0	*3729.4*	4441.3	5213.4	4507.0
50°	4031.2	3980.6	3864.9	3743.7	3711.6	3574.0	3730.1	*4002.5*	4740.4	5614.6	4785.6
52.5°	4127.8	4073.0	3921.7	3854.6	3845.1	3759.5	4013.4	*4314.6*	5039.6	5969.2	5054.6
55°	4230.4	4169.5	3976.5	3916.2	3960.1	3967.6	4349.6	*4668.6*	5355.8	6314.9	5308.6
57.5°	4348.9	4271.5	4029.2	3968.3	4072.3	4211.3	4735.6	*5035.5*	5666.6	6635.2	5534.5
60°	4460.5	4382.4	4130.5	4051.1	4193.5	4494.0	5178.5	*5479.7*	6018.5	6920.7	5748.1
62.5°	4482.4	4418.0	4211.3	4210.6	4357.8	4823.9	5702.9	*5928.1*	6325.8	7202.7	5939.7
65°	4103.1	4062.7	3940.2	4204.4	4593.3	5299.0	6286.8	*6501.7*	6716.7	7449.1	6108.1
67.5°	3122.9	3128.3	3119.4	3629.4	4403.0	5981.5	7132.2	*7115.8*	7199.3	7725.7	6301.9
70°	1427.9	1460.1	1669.6	2505.4	3527.4	6060.2	8530.0	*8317.1*	7805.1	8083.7	6469.6
72.5°	771.5	796.1	881.7	1213.7	2120.7	5388.0	9574.6	*9725.9*	8610.8	8324.7	6285.4
75°	*566.1*	*579.8*	*639.4*	*771.5*	*890.6*	*4004.6*	*9200.2*	*9976.5*	*8711.4*	*7762.7*	*5427.7*
77.5°	423.7	429.9	478.5	611.3	455.9	2111.1	7351.3	*8262.4*	7457.4	6377.8	4009.3
80°	307.4	314.2	350.5	458.6	319.7	772.2	5047.8	*5799.4*	5107.3	4065.5	1998.2
82.5°	212.2	214.9	230.7	312.1	223.2	299.8	2864.1	*3400.8*	2851.1	1426.6	539.4
85°	128.0	131.4	138.3	182.1	126.6	142.4	1236.3	*1278.7*	852.3	340.9	167.7
87.5°	52.7	56.1	61.6	76.7	50.0	39.7	204.0	*256.0*	159.5	99.9	52.0
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°	2335.6	2335.6	2335.6	2335.6	2335.6	2335.6	2335.6	2335.6	2335.6	2335.6	2335.6
2.5°	2339.1	2334.3	2321.3	2303.5	2287.0	2266.5	2257.6	2250.1	2243.2	2230.2	2224.1
5°	2353.4	2340.4	2305.5	2260.3	2209.0	2152.9	2098.1	2060.5	2028.3	2004.3	1984.5
7.5°	2375.3	2350.7	2287.0	2194.6	2076.9	1956.4	1847.6	1770.2	1712.0	1690.8	1653.8
10°	2397.9	2368.5	2257.6	2094.7	1891.4	1705.9	1561.4	1482.0	1435.5	1420.4	1397.1
12.5°	2424.6	2381.5	2211.7	1955.7	1684.0	1480.7	1354.7	1308.2	1284.2	1276.0	1278.0
15°	2463.7	2392.5	2142.6	1781.9	1486.1	1316.4	1234.9	1202.7	1190.4	1189.7	1192.5
17.5°	2493.1	2394.5	2035.1	1595.7	1334.2	1217.1	1150.0	1137.7	1145.9	1158.2	1163.0
20°	2525.9	2376.0	1894.1	1425.9	1227.4	1130.2	1102.1	1110.3	1130.2	1148.0	1154.1
22.5°	2549.2	2342.5	1723.7	1293.8	1135.0	1080.2	1078.8	1095.9	1106.9	1115.8	1120.6
25°	2569.8	2285.7	1542.9	1182.9	1059.0	1050.1	1065.1	1059.7	1052.1	1059.7	1064.5
27.5°	2584.8	2196.0	1381.4	1085.7	1005.6	1029.5	1020.6	1008.3	1007.6	1011.7	1018.6
30°	2580.0	2076.2	1248.6	993.3	967.9	991.2	970.0	967.9	965.9	967.9	975.5
32.5°	2580.0	1940.0	1146.6	929.6	944.0	935.1	933.0	928.2	920.0	919.3	928.2
35°	2594.4	1803.8	1059.0	895.4	924.1	902.9	904.3	892.6	875.5	867.3	875.5
37.5°	2623.8	1694.2	972.0	878.9	889.2	888.5	883.1	863.2	833.1	807.1	816.0
40°	2695.0	1662.1	912.5	871.4	872.8	881.0	866.6	828.3	759.8	717.4	722.9
42.5°	2806.6	1716.1	899.5	852.9	861.8	870.0	842.0	753.0	704.4	679.1	679.1
45°	2948.3	1810.6	927.5	826.2	835.8	850.2	766.7	724.2	702.3	703.0	706.4
47.5°	3127.7	1909.9	979.6	803.0	798.2	806.4	716.7	690.7	660.6	668.1	687.3
50°	3335.1	2010.5	1028.9	771.5	756.4	729.7	684.5	659.9	621.6	603.8	608.6
52.5°	3559.6	2107.7	1048.7	733.1	711.2	680.4	662.6	632.5	586.0	556.5	555.8
55°	3772.5	2196.0	1026.8	687.3	666.1	642.1	639.4	620.9	570.9	529.8	529.8
57.5°	3973.7	2269.9	972.0	640.7	620.2	605.8	624.3	615.4	552.4	499.7	497.0
60°	4144.2	2320.6	892.6	593.5	579.1	571.6	599.7	596.9	526.4	467.5	465.5
62.5°	4279.7	2340.4	805.0	548.3	544.9	531.2	565.4	565.4	493.6	436.1	434.0
65°	4385.8	2321.3	716.0	503.8	510.7	490.1	523.7	519.6	458.6	408.0	405.2
67.5°	4479.6	2258.3	617.5	460.0	475.8	449.7	479.9	470.3	420.3	379.9	377.2
70°	4521.4	2111.8	505.2	416.2	435.4	410.0	436.1	418.3	377.2	349.8	344.3
72.5°	4186.0	1755.2	397.7	370.3	386.8	366.2	388.8	368.3	330.6	318.3	308.0
75°	*3463.1*	*1317.1*	*306.0*	*320.4*	*332.7*	*316.9*	*332.0*	*316.9*	*282.7*	*291.6*	*266.3*
77.5°	2515.0	889.2	234.1	267.7	273.1	264.9	277.9	260.8	230.0	228.0	217.7
80°	1250.7	520.9	183.5	211.5	209.5	204.0	219.1	210.8	184.8	195.8	193.7
82.5°	362.1	223.2	133.5	148.5	144.4	145.8	156.8	160.9	241.0	238.9	244.4
85°	113.6	87.6	80.1	82.8	78.7	80.8	92.4	183.5	169.8	99.3	107.5
87.5°	29.4	30.1	19.9	21.2	21.9	26.0	29.4	111.6	53.4	34.9	37.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)