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

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: P1200306

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200306
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2C-827-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13242 lumens
Efficiency:	N/A
Efficacy:	131.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

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

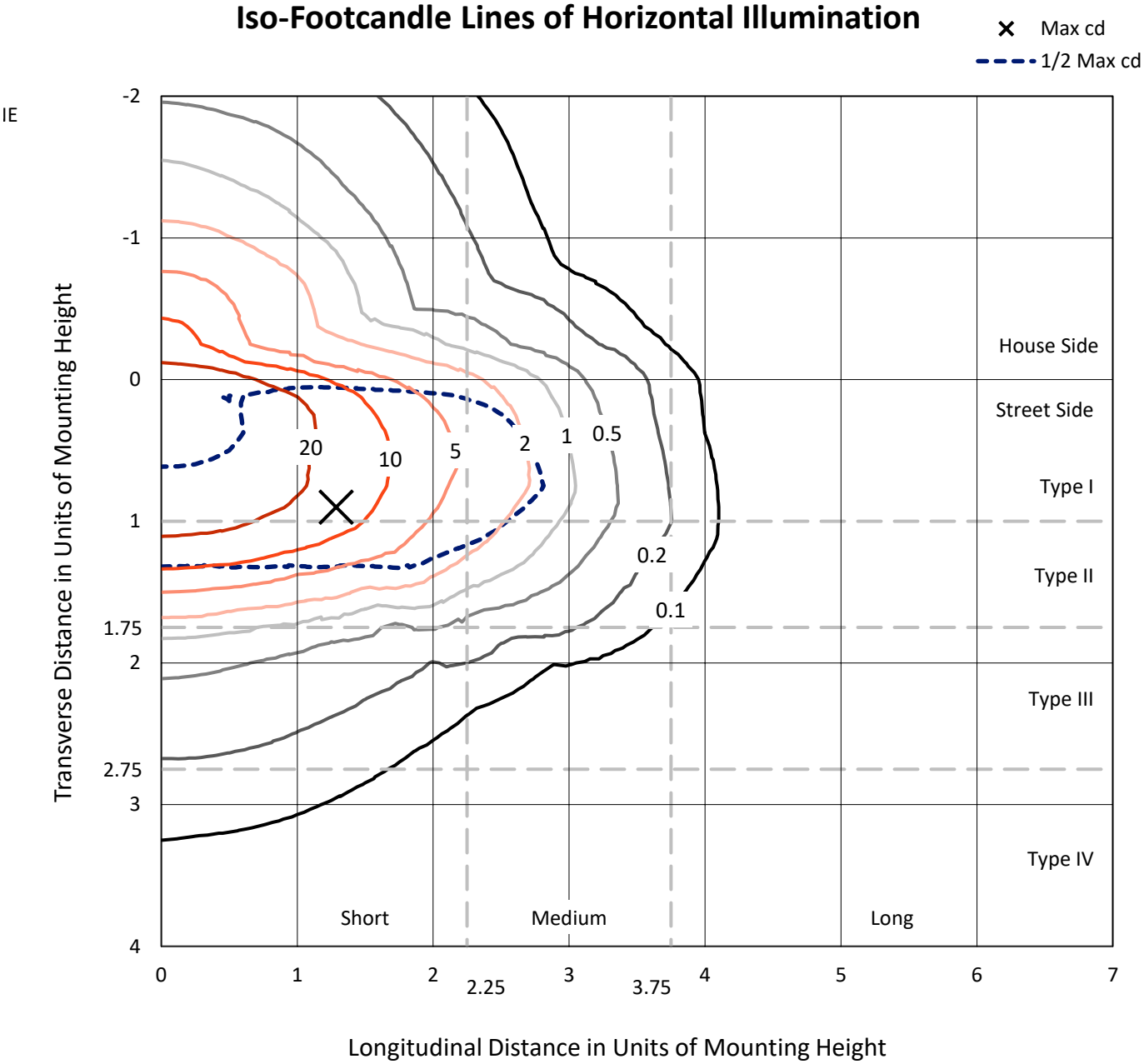


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Iso-Footcandle Lines of Horizontal Illumination



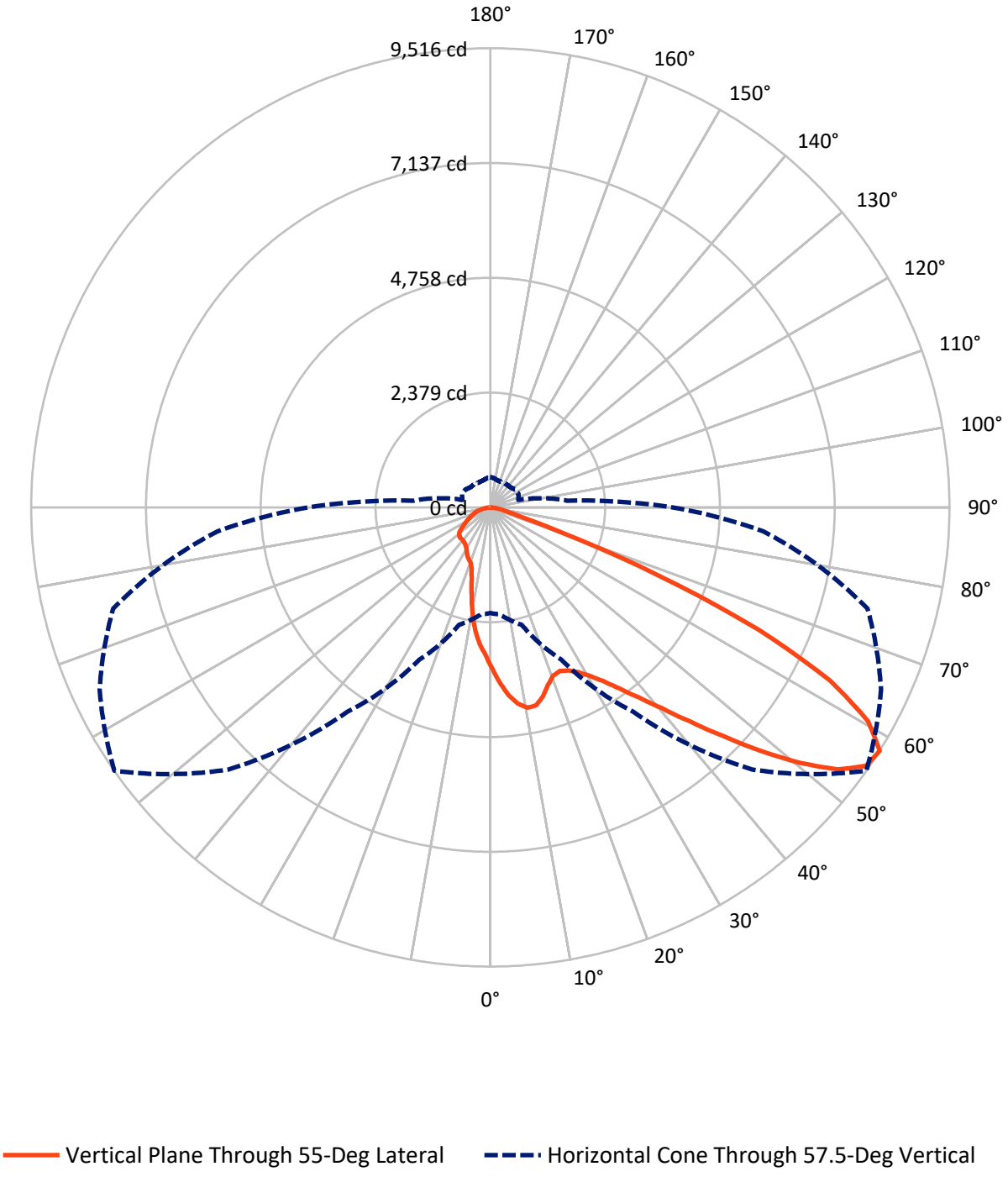
Based on 10 foot mounting height. Maximum calculated value = 40.1 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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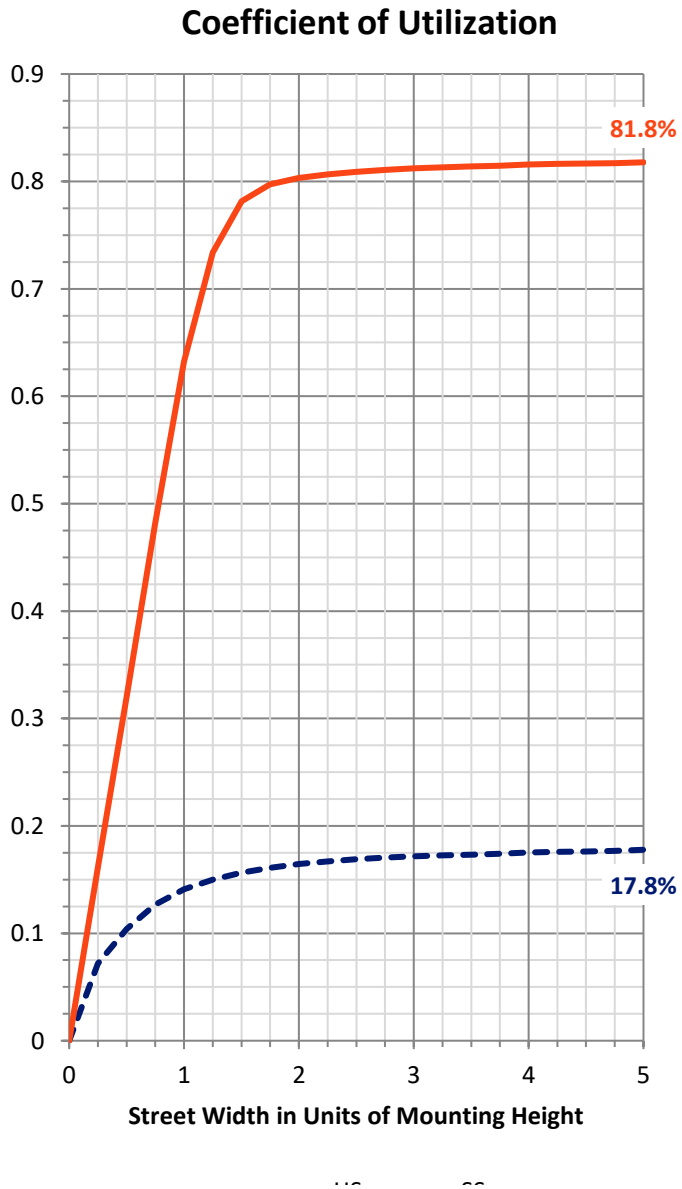
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2396.1	0.0	2396.1
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	10845.9	0.0	10845.9
	% Fixture	81.9	0.0	81.9
Total	Lumens	13242.0	0.0	13242.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	307.9	2.3
10°-20°	777.1	5.9
20°-30°	1240.1	9.4
30°-40°	1963.4	14.8
40°-50°	3005.1	22.7
50°-60°	3218.8	24.3
60°-70°	2024.9	15.3
70°-80°	598.8	4.5
80°-90°	105.9	0.8
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°	13242.0	100.0
0°-180°	13242.0	100.0



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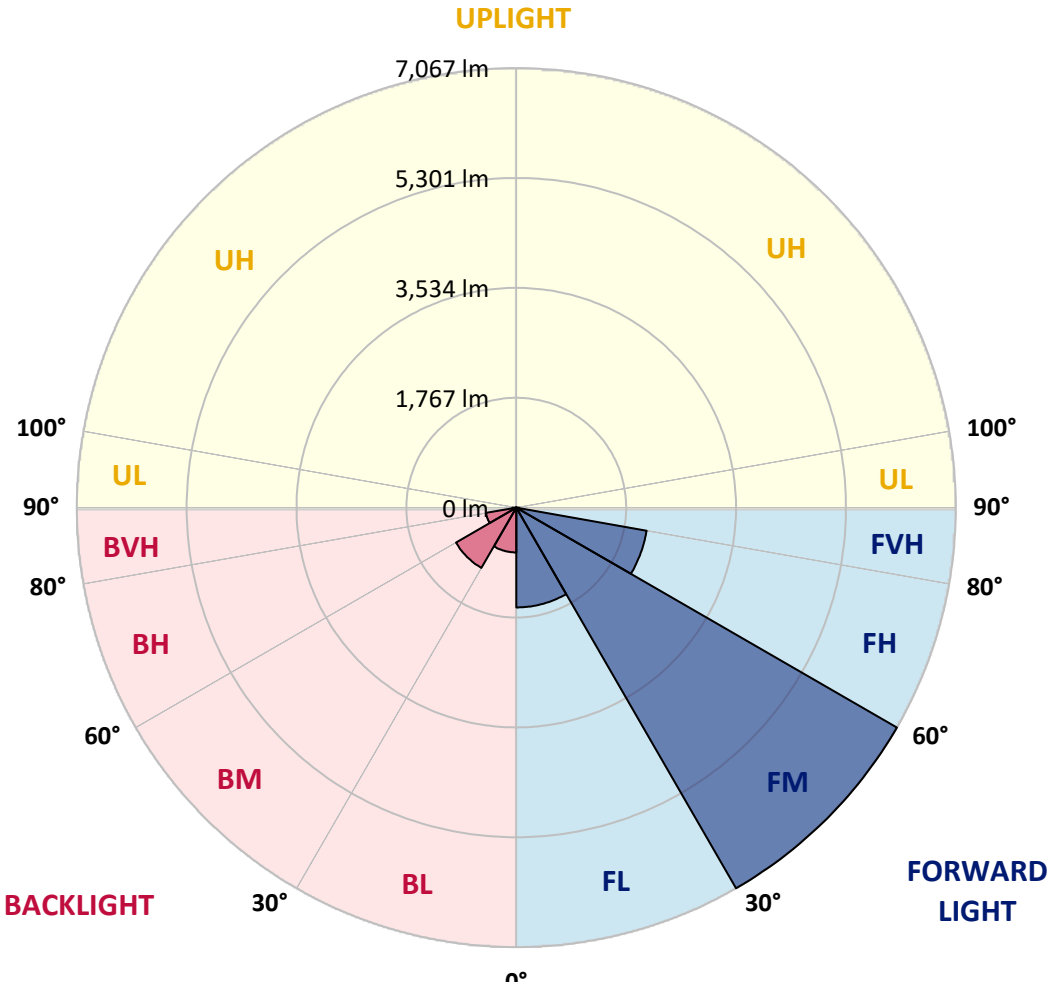
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1604.9	12.1			
FM	(30°-60°)	7067.3	53.4			
FH	(60°-80°)	2128.9	16.1			G2/5000
FVH	(80°-90°)	44.7	0.3			G1/100
BL	(0°-30°)	720.2	5.4	B2/1000		
BM	(30°-60°)	1119.9	8.5	B2/2500		
BH	(60°-80°)	494.8	3.7	B1/500		G1/500
BVH	(80°-90°)	61.1	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-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0
2.5°	3806.8	3804.0	3819.1	3767.8	3732.9	3685.6	3623.3	3543.9	3458.3	3368.0	3329.0
5°	4149.7	4125.8	4141.5	4103.2	4064.9	3993.7	3901.3	3771.9	3613.7	3433.7	3337.9
7.5°	4095.7	4079.2	4119.6	4153.9	4182.6	4173.7	4105.9	3970.4	3766.4	3504.9	3365.9
10°	3659.6	3641.1	3697.9	3816.4	3990.2	4141.5	4223.7	4139.5	3922.5	3582.9	3393.3
12.5°	3274.9	3266.0	3303.6	3399.5	3592.5	3882.8	4208.6	4287.3	4084.7	3675.4	3430.3
15°	3110.6	3099.6	3123.6	3172.2	3295.4	3565.8	4071.7	4388.7	4244.2	3782.1	3489.2
17.5°	3074.3	3062.0	3072.3	3097.6	3177.0	3383.0	3865.0	4438.6	4410.6	3901.3	3538.4
20°	3141.4	3131.1	3132.5	3131.1	3186.6	3350.2	3721.2	4419.5	4555.7	4010.8	3586.4
22.5°	3303.6	3286.5	3287.2	3250.9	3281.0	3407.7	3683.6	4368.1	4685.1	4106.6	3622.6
25°	3567.9	3537.1	3543.2	3450.8	3442.6	3536.4	3742.4	4328.4	4813.8	4183.3	3629.5
27.5°	3929.3	3894.4	3875.9	3738.3	3672.6	3719.2	3862.2	4342.1	4935.6	4249.7	3612.4
30°	4381.1	4338.7	4301.0	4105.9	3986.8	3969.7	4048.4	4432.5	5079.4	4319.5	3582.9
32.5°	4934.9	4885.6	4817.2	4558.4	4390.7	4301.0	4289.4	4593.3	5247.8	4408.5	3567.9
35°	5594.1	5529.8	5432.6	5097.8	4885.6	4702.2	4607.0	4825.4	5478.5	4542.7	3585.0
37.5°	6273.2	6200.7	6111.7	5713.3	5452.4	5182.0	4994.5	5140.3	5785.8	4724.8	3630.2
40°	6899.6	6818.1	6735.3	6380.7	6100.7	5774.9	5468.9	5538.7	6161.6	4942.5	3706.8
42.5°	7269.2	7209.0	7177.5	6985.8	6769.5	6438.9	6059.0	6011.0	6584.0	5193.0	3794.5
45°	7252.8	7228.2	7325.4	7404.8	7353.4	7170.0	6750.4	6533.3	7007.7	5410.0	3875.2
47.5°	6865.4	6881.8	7098.8	7545.1	7741.6	7837.4	7537.6	7046.1	7376.0	5572.2	3911.5
50°	5811.1	5824.8	6327.3	7289.8	7841.5	8381.6	8318.7	7546.5	7661.5	5671.5	3903.3
52.5°	4976.7	4985.6	5201.2	6532.7	7511.6	8655.5	9022.4	8018.1	7870.3	5698.9	3857.4
55°	3748.6	3779.4	4021.0	5125.2	6653.1	8438.5	9450.9	8504.2	8002.4	5701.6	3809.5
57.5°	2189.9	2223.4	2521.9	3478.9	5171.1	7682.0	9515.9	8935.4	8092.1	5679.7	3780.8
60°	1072.7	1087.1	1217.1	1828.4	3188.6	6224.6	8992.9	9144.2	8142.0	5668.1	3779.4
62.5°	722.9	720.8	726.3	902.2	1571.0	3999.1	7903.1	8778.7	8115.3	5623.6	3765.7
65°	621.6	614.0	593.5	633.2	813.9	1829.1	6106.2	7687.5	7912.0	5512.0	3671.9
67.5°	537.4	538.1	538.7	526.4	581.2	844.1	3731.5	6055.5	7182.3	4983.5	3310.5
70°	445.0	451.1	453.9	453.9	473.7	553.8	1592.9	4150.4	5665.3	3907.4	2666.3
72.5°	405.3	392.2	393.6	386.8	386.8	421.7	641.4	2352.8	3569.2	2198.1	1627.2
75°	330.6	338.9	340.2	335.4	319.7	321.7	380.6	987.1	1527.2	911.8	804.3
77.5°	285.5	285.5	288.2	284.8	272.5	241.0	254.0	382.7	519.6	373.8	401.8
80°	229.3	228.6	240.3	247.1	228.0	178.0	162.2	211.5	230.7	164.3	208.8
82.5°	111.6	118.4	165.0	188.3	173.2	128.7	99.3	131.4	123.2	72.6	93.8
85°	65.0	61.6	73.9	104.7	99.3	71.2	47.9	68.5	64.3	37.0	37.7
87.5°	20.5	19.2	15.1	35.6	28.8	19.9	13.0	19.9	17.8	8.2	8.2
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0	3318.0
2.5°	3280.4	3199.6	3119.5	3046.2	3001.8	2973.0	2944.3	2912.1	2899.8	2881.3
5°	3247.5	3091.4	2952.5	2832.7	2723.8	2638.3	2552.0	2482.2	2450.7	2471.9
7.5°	3228.3	3002.4	2788.2	2568.4	2356.9	2187.8	2040.6	1937.3	1890.7	1902.4
10°	3211.2	2901.8	2575.3	2228.2	1924.3	1714.8	1564.2	1485.5	1456.0	1462.2
12.5°	3195.5	2788.9	2318.6	1862.0	1538.9	1400.6	1357.5	1358.1	1363.6	1367.7
15°	3192.7	2652.6	2031.7	1541.6	1330.8	1321.9	1368.4	1397.9	1413.6	1418.4
17.5°	3188.6	2489.7	1739.4	1323.2	1280.1	1340.3	1383.5	1402.6	1415.0	1415.7
20°	3172.2	2283.0	1469.7	1219.2	1269.2	1321.2	1347.9	1362.9	1373.2	1376.6
22.5°	3121.5	2053.0	1259.6	1172.6	1225.3	1267.1	1298.6	1315.7	1321.9	1326.0
25°	3030.5	1795.6	1114.4	1128.1	1164.4	1217.1	1242.5	1245.9	1243.8	1250.0
27.5°	2911.4	1519.7	1024.1	1067.9	1114.4	1159.6	1173.3	1171.3	1167.2	1174.0
30°	2767.6	1271.9	966.6	1000.1	1063.8	1104.9	1117.2	1112.4	1104.2	1111.7
32.5°	2615.7	1069.3	919.4	952.9	1022.0	1062.4	1074.7	1070.0	1063.8	1070.0
35°	2474.0	927.6	875.5	921.4	989.2	1028.9	1044.6	1045.3	1045.3	1052.8
37.5°	2343.9	844.7	839.3	901.6	966.6	1002.2	1024.8	1026.1	996.7	998.8
40°	2223.4	809.8	822.8	888.5	944.7	978.9	980.3	903.6	849.5	848.2
42.5°	2124.8	803.0	827.6	887.2	928.9	930.3	833.8	774.2	759.2	759.9
45°	2032.4	800.9	838.6	887.2	905.7	803.7	738.6	722.9	724.3	729.7
47.5°	1929.1	792.7	840.6	874.9	838.6	714.7	695.5	688.7	685.9	687.3
50°	1816.1	763.3	814.6	850.2	723.6	676.3	652.4	650.3	653.7	655.8
52.5°	1697.0	715.4	770.1	805.7	670.9	642.8	616.1	620.9	635.9	640.7
55°	1619.0	659.2	711.2	716.7	633.9	611.3	588.7	599.7	627.7	636.6
57.5°	*1598.4*	*599.7*	*644.2*	*638.0*	*586.7*	*583.9*	*570.2*	*579.8*	*615.4*	*628.4*
60°	1592.3	546.3	578.4	573.7	540.8	553.8	550.4	555.2	567.5	571.6
62.5°	1544.3	503.8	519.6	512.7	499.7	522.3	530.5	520.3	529.8	534.6
65°	1422.5	469.6	462.1	457.3	462.8	483.3	499.7	479.2	488.1	501.8
67.5°	1221.2	423.1	402.5	408.0	425.1	436.1	457.3	434.0	441.5	464.8
70°	987.8	364.2	345.7	361.4	377.9	400.5	403.9	388.1	405.9	432.0
72.5°	698.9	304.6	291.6	323.8	329.3	358.7	351.2	343.6	368.3	377.2
75°	484.7	245.8	238.2	262.9	282.7	308.0	302.6	311.5	363.5	367.6
77.5°	306.7	191.0	186.2	201.9	229.3	257.4	266.3	367.6	620.9	645.5
80°	178.0	142.4	136.9	149.2	173.2	199.2	256.7	451.1	409.4	404.6
82.5°	99.3	97.9	91.0	94.5	115.7	143.8	362.8	317.6	258.1	266.3
85°	46.5	57.5	49.3	47.2	65.0	168.4	242.3	181.4	120.5	117.7
87.5°	12.3	11.0	11.0	12.3	27.4	145.1	96.5	77.4	45.9	44.5
90°	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)