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: P1200194

Luminaire Tested: GPC-SB2C-735-U-AFL

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200194
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2C-735-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15229 lumens
Efficiency:	N/A
Efficacy:	150.9 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

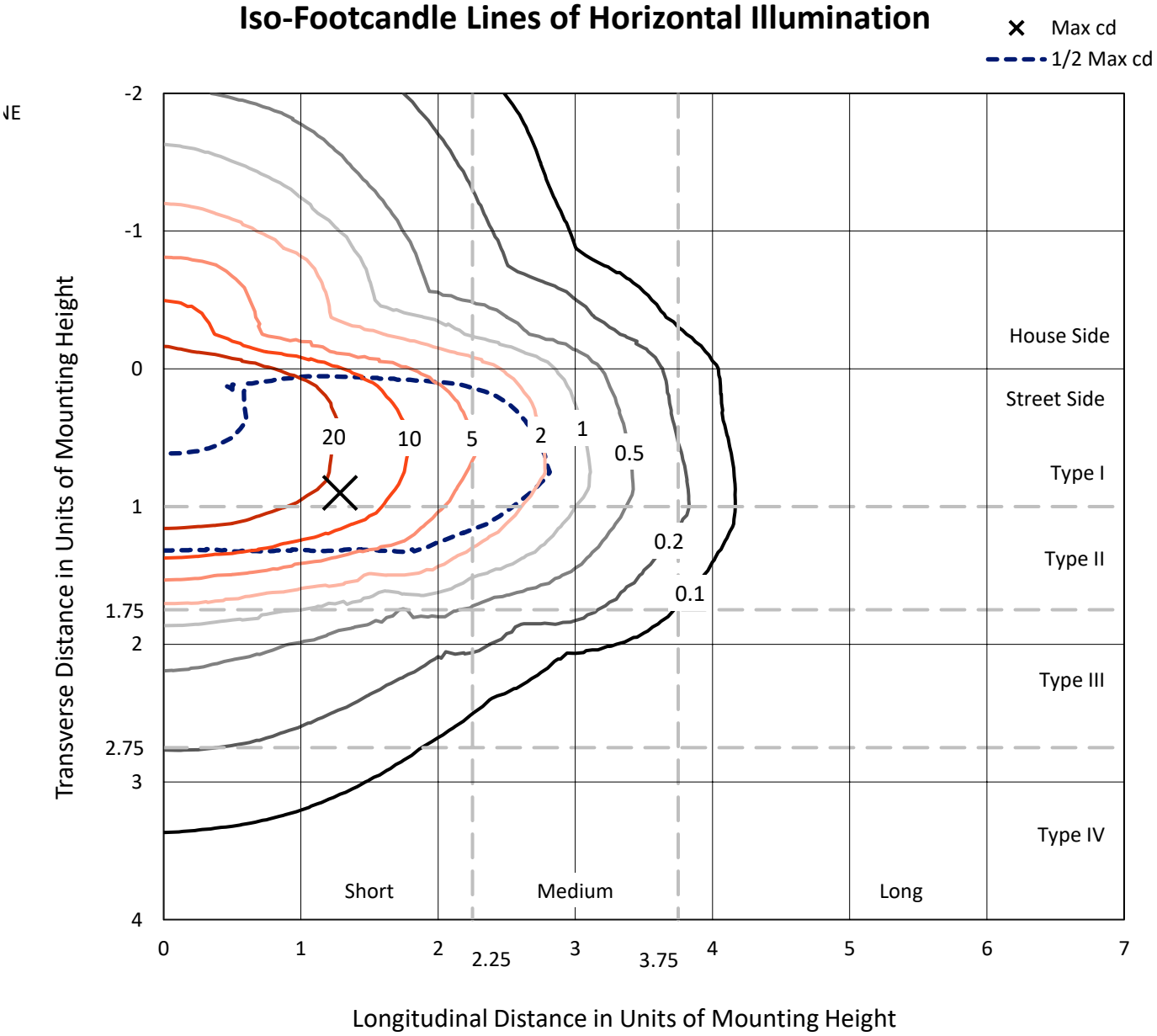


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Iso-Footcandle Lines of Horizontal Illumination



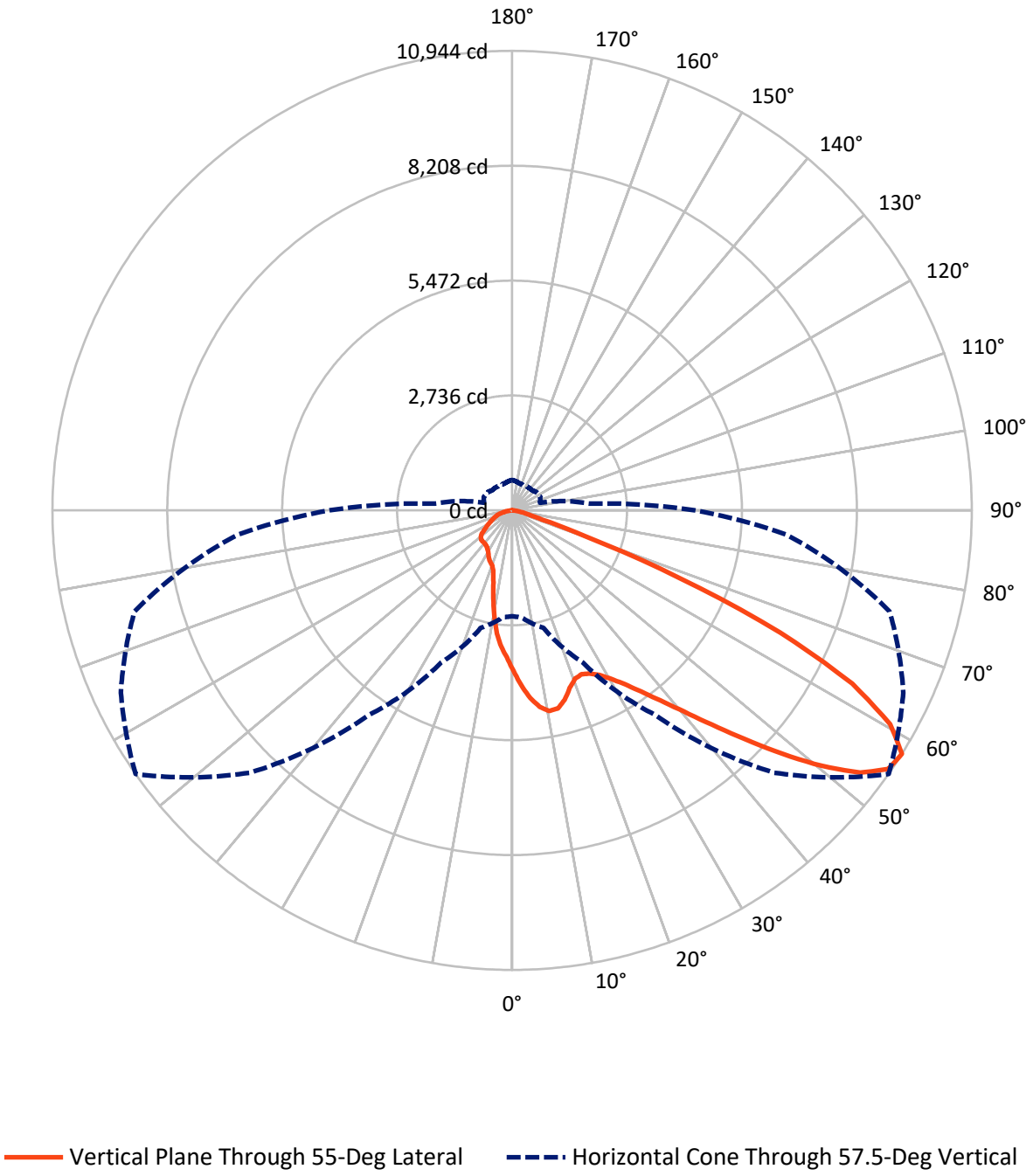
Based on 10 foot mounting height. Maximum calculated value = 46.1 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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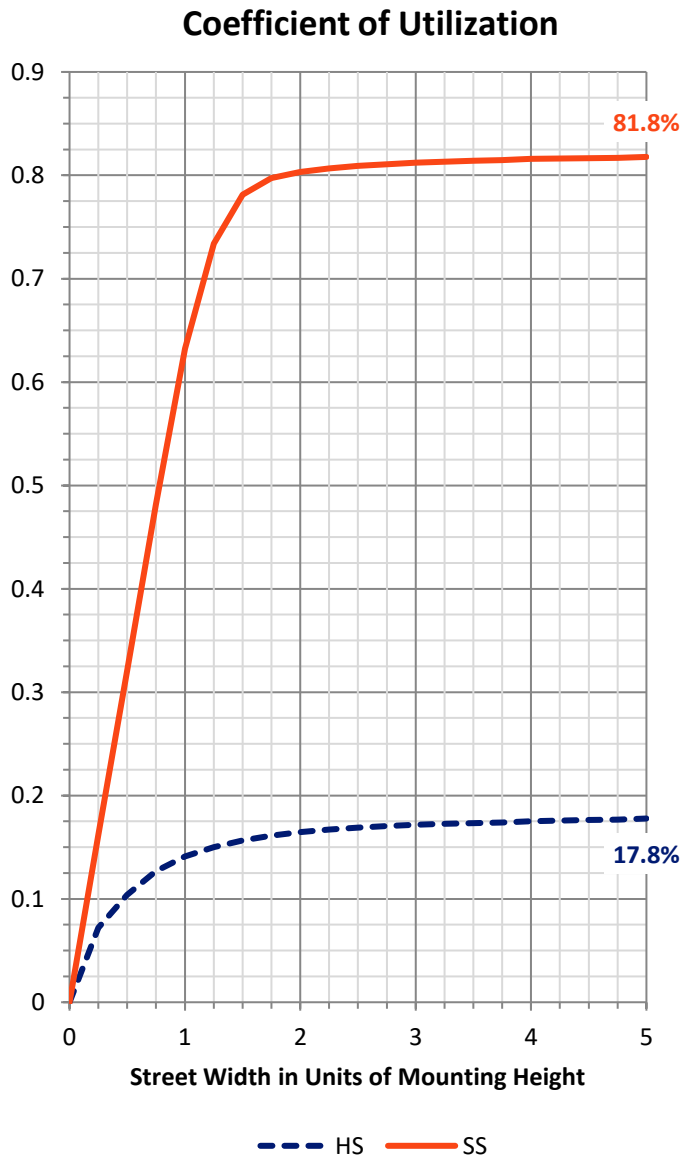
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2755.6	0.0	2755.6
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	12473.4	0.0	12473.4
	% Fixture	81.9	0.0	81.9
Total	Lumens	15229.0	0.0	15229.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	354.1	2.3
10°-20°	893.7	5.9
20°-30°	1426.2	9.4
30°-40°	2258.0	14.8
40°-50°	3456.1	22.7
50°-60°	3701.8	24.3
60°-70°	2328.8	15.3
70°-80°	688.7	4.5
80°-90°	121.8	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°	15229.0	100.0
0°-180°	15229.0	100.0



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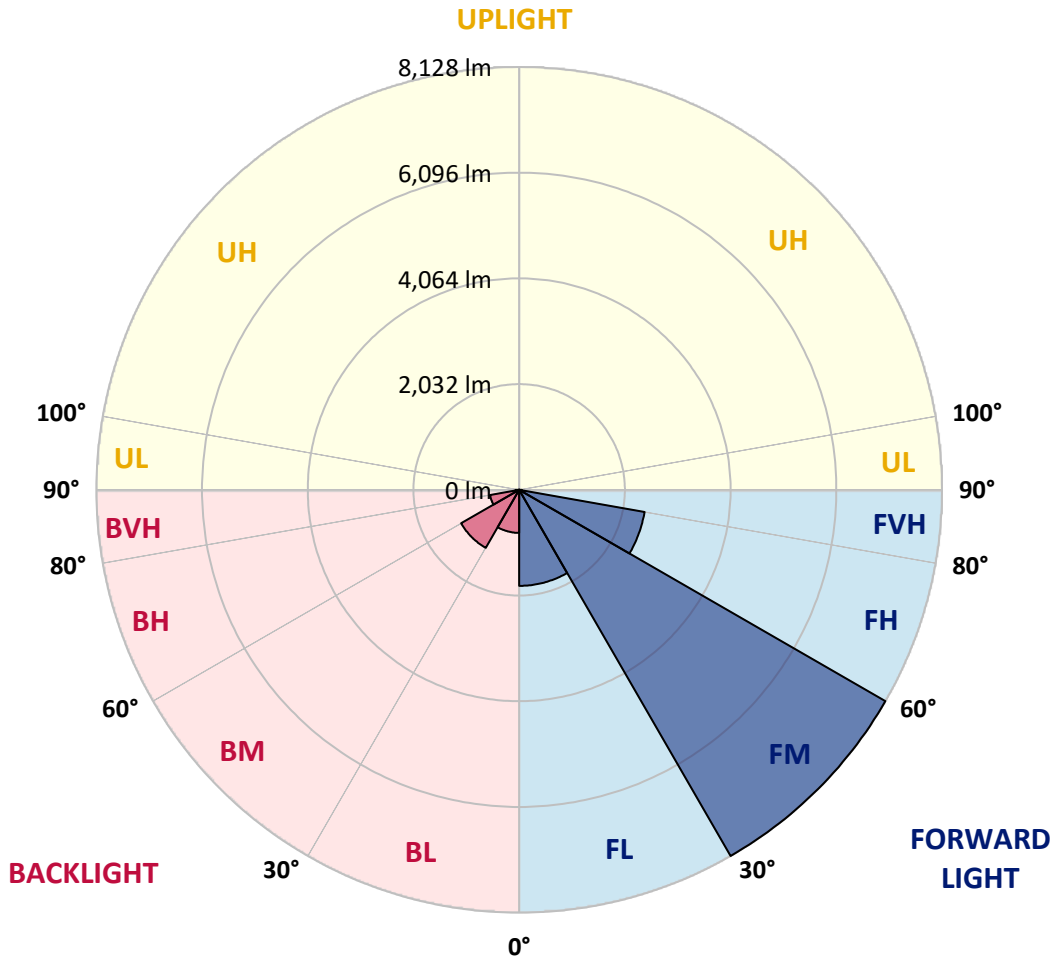
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1845.8	12.1			
FM	(30°-60°)	8127.8	53.4			
FH	(60°-80°)	2448.4	16.1			G2/5000
FVH	(80°-90°)	51.4	0.3			G1/100
BL	(0°-30°)	828.2	5.4	B2/1000		
BM	(30°-60°)	1287.9	8.5	B2/2500		
BH	(60°-80°)	569.1	3.7	B2/1000		G2/1000
BVH	(80°-90°)	70.3	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°	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9
2.5°	4378.0	4374.9	4392.2	4333.1	4293.0	4238.7	4167.0	4075.7	3977.3	3873.4	3828.5
5°	4772.4	4744.9	4763.0	4718.9	4674.8	4592.9	4486.6	4337.9	4156.0	3948.9	3838.7
7.5°	4710.2	4691.3	4737.8	4777.1	4810.2	4800.0	4722.0	4566.2	4331.6	4030.8	3871.0
10°	4208.7	4187.5	4252.8	4389.0	4589.0	4763.0	4857.5	4760.6	4511.1	4120.6	3902.5
12.5°	3766.3	3756.1	3799.4	3909.6	4131.6	4465.4	4840.1	4930.7	4697.6	4226.8	3945.0
15°	3577.4	3564.8	3592.3	3648.2	3789.9	4100.9	4682.7	5047.2	4881.1	4349.7	4012.7
17.5°	3535.6	3521.5	3533.3	3562.4	3653.7	3890.7	4444.9	5104.7	5072.4	4486.6	4069.4
20°	3612.8	3601.0	3602.5	3601.0	3664.7	3852.9	4279.6	5082.6	5239.3	4612.6	4124.5
22.5°	3799.4	3779.7	3780.5	3738.7	3773.4	3919.0	4236.3	5023.6	5388.1	4722.8	4166.2
25°	4103.2	4067.8	4074.9	3968.6	3959.2	4067.0	4304.0	4977.9	5536.1	4811.0	4174.1
27.5°	4518.9	4478.8	4457.5	4299.3	4223.7	4277.2	4441.8	4993.6	5676.2	4887.4	4154.4
30°	5038.5	4989.7	4946.4	4722.0	4585.1	4565.4	4655.9	5097.6	5841.5	4967.7	4120.6
32.5°	5675.4	5618.7	5540.0	5242.4	5049.5	4946.4	4933.0	5282.6	6035.2	5070.0	4103.2
35°	6433.6	6359.6	6247.8	5862.8	5618.7	5407.8	5298.3	5549.5	6300.5	5224.3	4122.9
37.5°	7214.5	7131.1	7028.7	6570.5	6270.6	5959.6	5743.9	5911.6	6654.0	5433.7	4174.9
40°	7934.9	7841.2	7745.9	7338.1	7016.1	6641.4	6289.5	6369.8	7086.2	5684.1	4263.1
42.5°	8360.0	8290.7	8254.5	8034.1	7785.3	7405.1	6968.1	6913.0	7572.0	5972.2	4363.8
45°	8341.1	8312.8	8424.6	8515.9	8456.8	8245.9	7763.3	7513.7	8059.3	6221.8	4456.7
47.5°	7895.5	7914.4	8164.0	8677.3	8903.2	9013.4	8668.6	8103.4	8482.8	6408.4	4498.5
50°	6683.1	6698.9	7276.7	8383.6	9018.2	9639.3	9566.9	8678.9	8811.1	6522.5	4489.0
52.5°	5723.4	5733.7	5981.7	7512.9	8638.7	9954.2	10376.2	9221.3	9051.2	6554.0	4436.3
55°	4311.1	4346.5	4624.4	5894.3	7651.5	9704.7	10869.0	9780.2	9203.2	6557.2	4381.2
57.5°	2518.5	2557.0	2900.3	4000.9	5947.0	8834.7	10943.8	10276.2	9306.3	6532.0	4348.1
60°	1233.7	1250.2	1399.8	2102.8	3667.1	7158.6	10342.4	10516.3	9363.8	6518.6	4346.5
62.5°	831.4	829.0	835.3	1037.6	1806.8	4599.2	9089.0	10095.9	9333.1	6467.4	4330.8
65°	714.8	706.2	682.6	728.2	936.1	2103.6	7022.4	8841.0	9099.3	6339.1	4222.9
67.5°	618.0	618.8	619.6	605.4	668.4	970.7	4291.4	6964.2	8260.0	5731.3	3807.2
70°	511.7	518.8	522.0	522.0	544.8	636.9	1832.0	4773.2	6515.4	4493.7	3066.4
72.5°	466.1	451.1	452.7	444.8	444.8	485.0	737.7	2705.8	4104.8	2527.9	1871.3
75°	380.3	389.7	391.3	385.8	367.7	370.0	437.7	1135.2	1756.4	1048.6	925.0
77.5°	328.3	328.3	331.4	327.5	313.3	277.1	292.1	440.1	597.5	429.8	462.1
80°	263.7	262.9	276.3	284.2	262.2	204.7	186.6	243.3	265.3	188.9	240.1
82.5°	128.3	136.2	189.7	216.5	199.2	148.0	114.2	151.2	141.7	83.5	107.9
85°	74.8	70.9	85.0	120.5	114.2	81.9	55.1	78.7	74.0	42.5	43.3
87.5°	23.6	22.0	17.3	40.9	33.1	22.8	15.0	22.8	20.5	9.4	9.4
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9	3815.9
2.5°	3772.6	3679.7	3587.6	3503.3	3452.2	3419.1	3386.0	3349.0	3334.9	3313.6
5°	3734.8	3555.3	3395.5	3257.7	3132.5	3034.1	2934.9	2854.6	2818.4	2842.8
7.5°	3712.8	3453.0	3206.5	2953.8	2710.6	2516.1	2346.8	2228.0	2174.4	2187.8
10°	3693.1	3337.2	2961.7	2562.6	2213.0	1972.1	1798.9	1708.4	1674.5	1681.6
12.5°	3675.0	3207.3	2666.5	2141.4	1769.8	1610.8	1561.2	1561.9	1568.2	1573.0
15°	3671.8	3050.7	2336.6	1772.9	1530.5	1520.2	1573.8	1607.6	1625.7	1631.2
17.5°	3667.1	2863.3	2000.5	1521.8	1472.2	1541.5	1591.1	1613.1	1627.3	1628.1
20°	3648.2	2625.5	1690.3	1402.1	1459.6	1519.4	1550.1	1567.5	1579.3	1583.2
22.5°	3589.9	2361.0	1448.6	1348.6	1409.2	1457.2	1493.4	1513.1	1520.2	1524.9
25°	3485.2	2065.0	1281.7	1297.4	1339.1	1399.8	1428.9	1432.8	1430.5	1437.6
27.5°	3348.3	1747.7	1177.8	1228.1	1281.7	1333.6	1349.4	1347.0	1342.3	1350.2
30°	3182.9	1462.7	1111.6	1150.2	1223.4	1270.7	1284.8	1279.3	1269.9	1278.5
32.5°	3008.2	1229.7	1057.3	1095.9	1175.4	1221.8	1236.0	1230.5	1223.4	1230.5
35°	2845.2	1066.7	1006.9	1059.7	1137.6	1183.3	1201.4	1202.2	1202.2	1210.8
37.5°	2695.6	971.5	965.2	1036.8	1111.6	1152.6	1178.5	1180.1	1146.3	1148.6
40°	2557.0	931.3	946.3	1021.9	1086.4	1125.8	1127.4	1039.2	977.0	975.4
42.5°	2443.7	923.5	951.8	1020.3	1068.3	1069.9	958.9	890.4	873.1	873.9
45°	2337.4	921.1	964.4	1020.3	1041.6	924.3	849.5	831.4	832.9	839.2
47.5°	2218.5	911.7	966.8	1006.1	964.4	821.9	799.9	792.0	788.8	790.4
50°	2088.6	877.8	936.9	977.8	832.1	777.8	750.3	747.9	751.8	754.2
52.5°	1951.6	822.7	885.7	926.6	771.5	739.2	708.5	714.1	731.4	736.9
55°	1861.9	758.1	818.0	824.3	729.0	703.0	677.1	689.6	721.9	732.2
57.5°	*1838.3*	*689.6*	*740.8*	*733.7*	*674.7*	*671.5*	*655.8*	*666.8*	*707.8*	*722.7*
60°	1831.2	628.2	665.2	659.7	621.9	636.9	633.0	638.5	652.6	657.4
62.5°	1776.1	579.4	597.5	589.7	574.7	600.7	610.1	598.3	609.3	614.9
65°	1635.9	540.1	531.4	525.9	532.2	555.8	574.7	551.1	561.3	577.1
67.5°	1404.5	486.5	462.9	469.2	488.9	501.5	525.9	499.1	507.8	534.6
70°	1136.0	418.8	397.6	415.7	434.6	460.6	464.5	446.4	466.9	496.8
72.5°	803.8	350.3	335.4	372.4	378.7	412.5	403.9	395.2	423.6	433.8
75°	557.4	282.6	274.0	302.3	325.1	354.3	348.0	358.2	418.0	422.8
77.5°	352.7	219.6	214.1	232.2	263.7	296.0	306.2	422.8	714.1	742.4
80°	204.7	163.8	157.5	171.6	199.2	229.1	295.2	518.8	470.8	465.3
82.5°	114.2	112.6	104.7	108.6	133.0	165.3	417.3	365.3	296.8	306.2
85°	53.5	66.1	56.7	54.3	74.8	193.7	278.7	208.6	138.6	135.4
87.5°	14.2	12.6	12.6	14.2	31.5	166.9	111.0	89.0	52.7	51.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)