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: P1198402

Luminaire Tested: GPC-SB1C-827-U-AFL

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198402
	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-SB1C-827-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI(
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6658 lumens
Efficiency:	N/A
Efficacy:	122.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

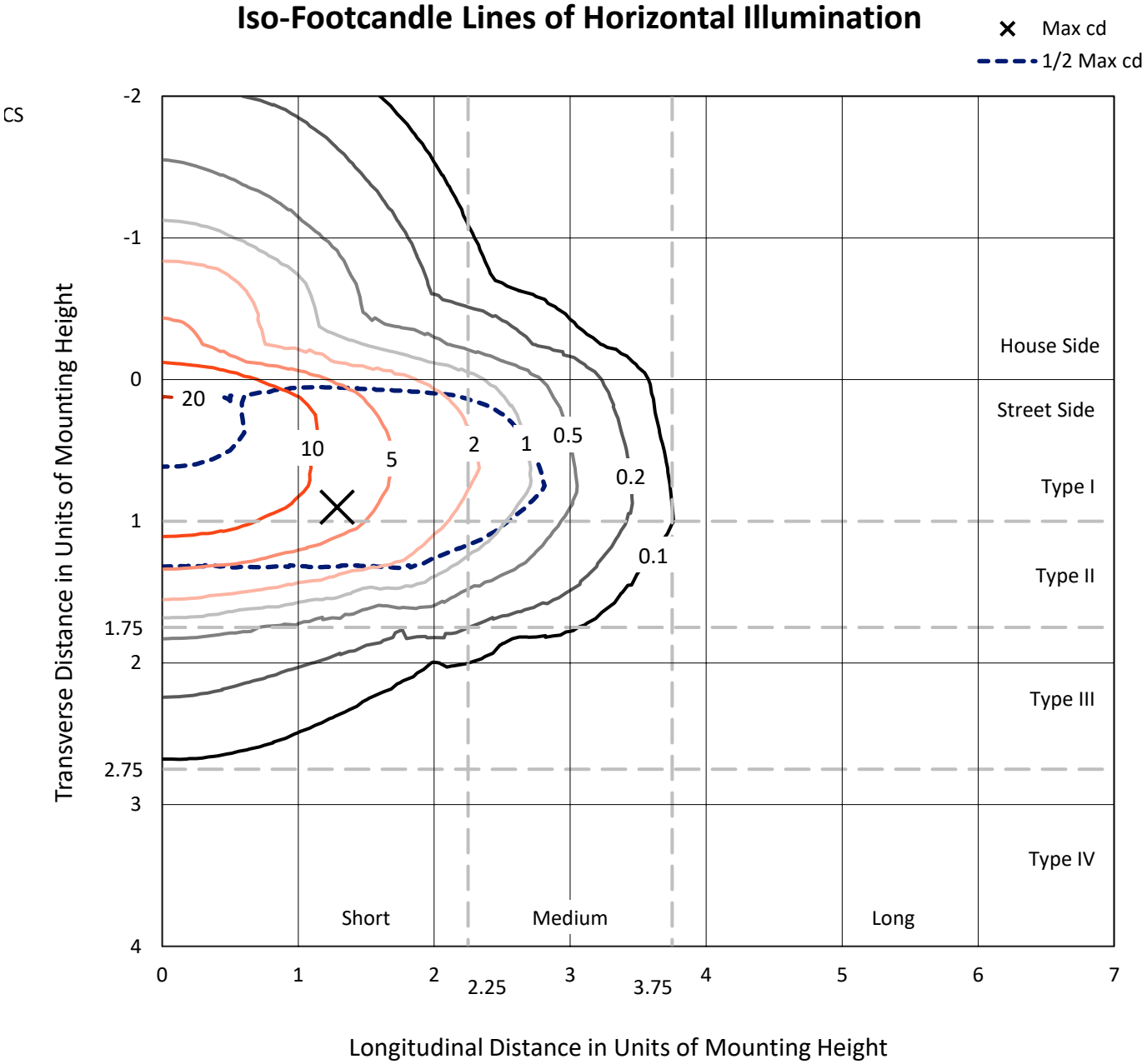


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Iso-Footcandle Lines of Horizontal Illumination



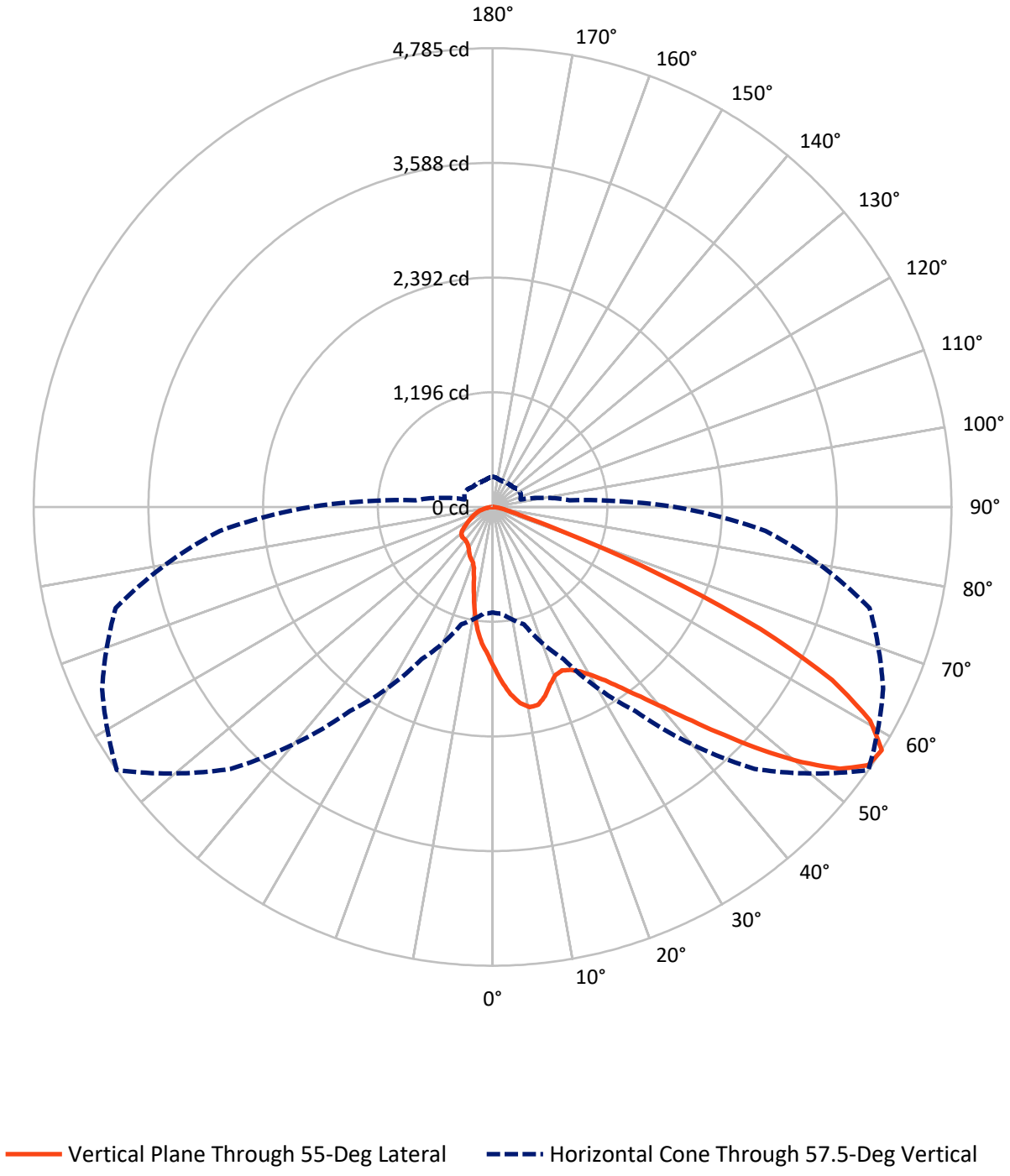
Based on 10 foot mounting height. Maximum calculated value = 20.2 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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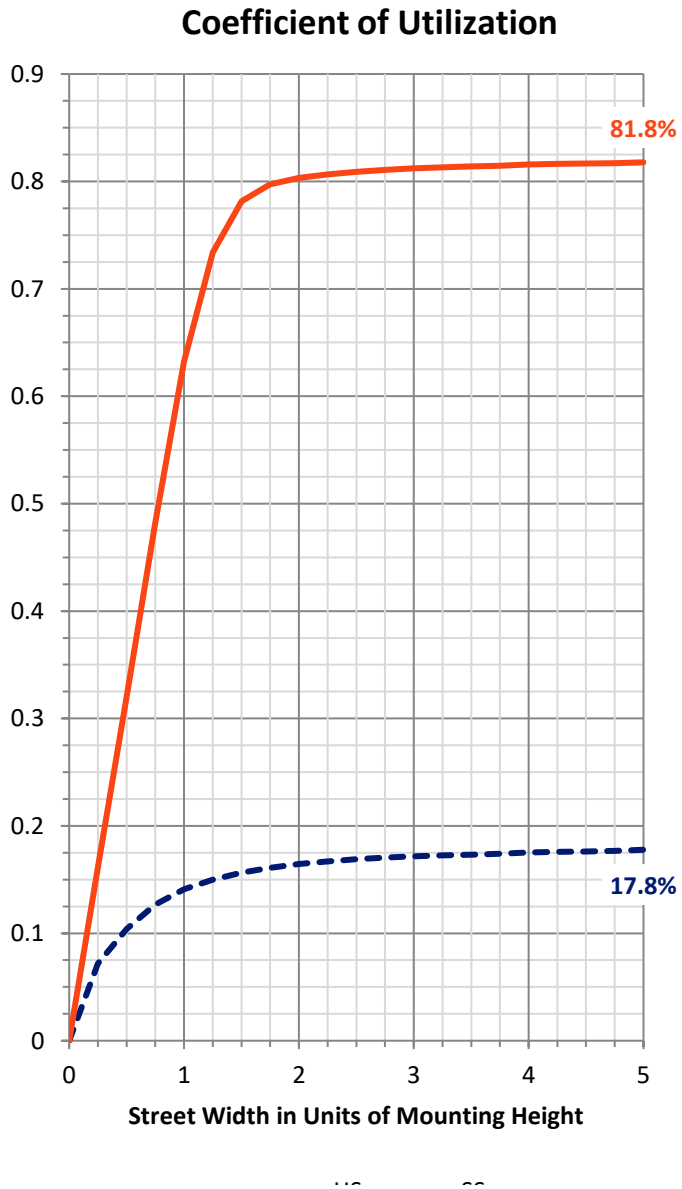
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1204.7	0.0	1204.7
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	5453.3	0.0	5453.3
	% Fixture	81.9	0.0	81.9
Total	Lumens	6658.0	0.0	6658.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.8	2.3
10°-20°	390.7	5.9
20°-30°	623.5	9.4
30°-40°	987.2	14.8
40°-50°	1511.0	22.7
50°-60°	1618.4	24.3
60°-70°	1018.1	15.3
70°-80°	301.1	4.5
80°-90°	53.2	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°	6658.0	100.0
0°-180°	6658.0	100.0



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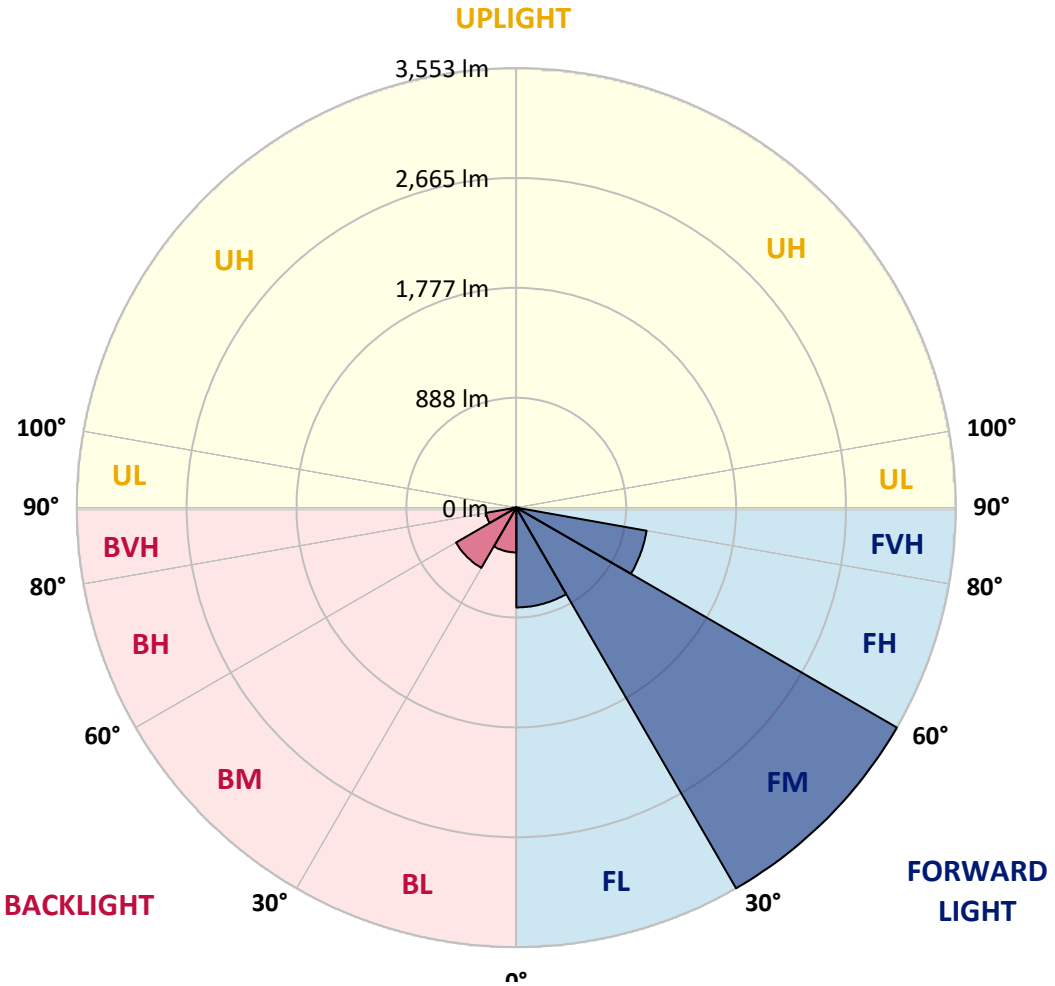
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	806.9	12.1			
FM	(30°-60°)	3553.4	53.4			
FH	(60°-80°)	1070.4	16.1			G1/1800
FVH	(80°-90°)	22.5	0.3			G1/100
BL	(0°-30°)	362.1	5.4	B1/500		
BM	(30°-60°)	563.1	8.5	B1/1000		
BH	(60°-80°)	248.8	3.7	B1/500		G1/500
BVH	(80°-90°)	30.7	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3
2.5°	1914.0	1912.7	1920.2	1894.4	1876.9	1853.1	1821.8	1781.9	1738.8	1693.4	1673.8
5°	2086.5	2074.4	2082.3	2063.1	2043.8	2008.0	1961.5	1896.5	1817.0	1726.4	1678.3
7.5°	2059.3	2051.0	2071.3	2088.5	2103.0	2098.5	2064.4	1996.3	1893.7	1762.2	1692.4
10°	1840.0	1830.7	1859.3	1918.8	2006.3	2082.3	2123.6	2081.3	1972.2	1801.5	1706.1
12.5°	1646.6	1642.1	1661.1	1709.2	1806.3	1952.2	2116.1	2155.6	2053.8	1847.9	1724.7
15°	1564.0	1558.5	1570.5	1595.0	1656.9	1792.9	2047.2	2206.6	2134.0	1901.6	1754.3
17.5°	1545.7	1539.6	1544.7	1557.5	1597.4	1701.0	1943.3	2231.7	2217.6	1961.5	1779.1
20°	1579.5	1574.3	1575.0	1574.3	1602.2	1684.5	1871.0	2222.1	2290.6	2016.6	1803.2
22.5°	1661.1	1652.4	1652.8	1634.5	1649.7	1713.4	1852.1	2196.3	2355.6	2064.8	1821.4
25°	1793.9	1778.4	1781.5	1735.1	1730.9	1778.1	1881.7	2176.3	2420.3	2103.3	1824.9
27.5°	1975.6	1958.1	1948.8	1879.6	1846.6	1870.0	1941.9	2183.2	2481.6	2136.7	1816.3
30°	2202.8	2181.5	2162.5	2064.4	2004.6	1995.9	2035.5	2228.6	2553.9	2171.8	1801.5
32.5°	2481.3	2456.5	2422.1	2291.9	2207.6	2162.5	2156.7	2309.5	2638.5	2216.6	1793.9
35°	2812.7	2780.3	2731.5	2563.2	2456.5	2364.2	2316.4	2426.2	2754.5	2284.0	1802.5
37.5°	3154.1	3117.7	3072.9	2872.6	2741.5	2605.5	2511.2	2584.5	2909.1	2375.6	1825.2
40°	3469.1	3428.1	3386.5	3208.2	3067.4	2903.6	2749.7	2784.8	3098.0	2485.0	1863.8
42.5°	3654.9	3624.6	3608.8	3512.4	3403.7	3237.4	3046.4	3022.3	3310.4	2611.0	1907.8
45°	3646.7	3634.3	3683.2	3723.1	3697.3	3605.0	3394.0	3284.9	3523.5	2720.1	1948.4
47.5°	3451.9	3460.1	3569.2	3793.6	3892.4	3940.6	3789.9	3542.7	3708.6	2801.7	1966.7
50°	2921.8	2928.7	3181.3	3665.3	3942.7	4214.2	4182.6	3794.3	3852.2	2851.6	1962.6
52.5°	2502.2	2506.7	2615.1	3284.6	3776.8	4351.9	4536.4	4031.5	3957.1	2865.4	1939.5
55°	1884.8	1900.3	2021.8	2576.9	3345.2	4242.8	4751.9	4275.8	4023.6	2866.7	1915.4
57.5°	1101.1	1117.9	1268.0	1749.2	2600.0	3862.5	4784.6	4492.7	4068.6	2855.7	1900.9
60°	539.3	546.6	612.0	919.3	1603.2	3129.7	4521.6	4597.7	4093.8	2849.9	1900.3
62.5°	363.5	362.4	365.2	453.6	789.9	2010.7	3973.6	4413.9	4080.3	2827.5	1893.4
65°	312.5	308.7	298.4	318.4	409.2	919.7	3070.2	3865.2	3978.1	2771.4	1846.2
67.5°	270.2	270.5	270.9	264.7	292.2	424.4	1876.2	3044.7	3611.2	2505.7	1664.5
70°	223.7	226.8	228.2	228.2	238.2	278.4	800.9	2086.8	2848.5	1964.6	1340.6
72.5°	203.8	197.2	197.9	194.5	194.5	212.0	322.5	1183.0	1794.6	1105.2	818.1
75°	166.2	170.4	171.1	168.7	160.7	161.8	191.4	496.3	767.9	458.5	404.4
77.5°	143.5	143.5	144.9	143.2	137.0	121.2	127.7	192.4	261.2	187.9	202.0
80°	115.3	115.0	120.8	124.3	114.6	89.5	81.6	106.4	116.0	82.6	105.0
82.5°	56.1	59.5	82.9	94.7	87.1	64.7	49.9	66.1	62.0	36.5	47.2
85°	32.7	31.0	37.2	52.7	49.9	35.8	24.1	34.4	32.4	18.6	18.9
87.5°	10.3	9.6	7.6	17.9	14.5	10.0	6.5	10.0	8.9	4.1	4.1
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°	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3	1668.3
2.5°	1649.3	1608.7	1568.5	1531.6	1509.3	1494.8	1480.4	1464.2	1458.0	1448.7
5°	1632.8	1554.4	1484.5	1424.2	1369.5	1326.5	1283.1	1248.0	1232.2	1242.9
7.5°	1623.2	1509.6	1401.9	1291.4	1185.0	1100.0	1026.0	974.1	950.6	956.5
10°	1614.6	1459.0	1294.8	1120.3	967.5	862.2	786.5	746.9	732.1	735.2
12.5°	1606.7	1402.2	1165.8	936.2	773.7	704.2	682.5	682.9	685.6	687.7
15°	1605.3	1333.7	1021.5	775.1	669.1	664.6	688.0	702.8	710.7	713.2
17.5°	1603.2	1251.8	874.6	665.3	643.6	673.9	695.6	705.2	711.4	711.8
20°	1595.0	1147.9	739.0	613.0	638.1	664.3	677.7	685.3	690.4	692.2
22.5°	1569.5	1032.2	633.3	589.6	616.1	637.1	652.9	661.5	664.6	666.7
25°	1523.7	902.8	560.3	567.2	585.5	612.0	624.7	626.4	625.4	628.5
27.5°	1463.8	764.1	514.9	536.9	560.3	583.1	589.9	588.9	586.8	590.3
30°	1391.6	639.5	486.0	502.9	534.9	555.5	561.7	559.3	555.2	559.0
32.5°	1315.1	537.6	462.2	479.1	513.9	534.2	540.4	538.0	534.9	538.0
35°	1243.9	466.4	440.2	463.3	497.4	517.3	525.2	525.6	525.6	529.4
37.5°	1178.5	424.7	422.0	453.3	486.0	503.9	515.2	515.9	501.1	502.2
40°	1117.9	407.2	413.7	446.8	475.0	492.2	492.9	454.3	427.1	426.4
42.5°	1068.4	403.7	416.1	446.1	467.1	467.8	419.2	389.3	381.7	382.0
45°	1021.9	402.7	421.6	446.1	455.4	404.1	371.4	363.5	364.2	366.9
47.5°	969.9	398.6	422.7	439.9	421.6	359.3	349.7	346.3	344.9	345.6
50°	913.1	383.8	409.6	427.5	363.8	340.1	328.0	327.0	328.7	329.7
52.5°	853.2	359.7	387.2	405.1	337.3	323.2	309.8	312.2	319.8	322.2
55°	814.0	331.5	357.6	360.4	318.7	307.4	296.0	301.5	315.6	320.1
57.5°	*803.7*	*301.5*	*323.9*	*320.8*	*295.0*	*293.6*	*286.7*	*291.5*	*309.4*	*316.0*
60°	800.6	274.7	290.8	288.4	271.9	278.4	276.7	279.1	285.3	287.4
62.5°	776.5	253.3	261.2	257.8	251.3	262.6	266.7	261.6	266.4	268.8
65°	715.2	236.1	232.3	229.9	232.7	243.0	251.3	240.9	245.4	252.3
67.5°	614.0	212.7	202.4	205.1	213.7	219.2	229.9	218.2	222.0	233.7
70°	496.7	183.1	173.8	181.7	190.0	201.3	203.1	195.2	204.1	217.2
72.5°	351.4	153.2	146.6	162.8	165.6	180.4	176.6	172.8	185.2	189.6
75°	243.7	123.6	119.8	132.2	142.1	154.9	152.1	156.6	182.8	184.8
77.5°	154.2	96.0	93.6	101.5	115.3	129.4	133.9	184.8	312.2	324.6
80°	89.5	71.6	68.8	75.0	87.1	100.2	129.1	226.8	205.8	203.4
82.5°	49.9	49.2	45.8	47.5	58.2	72.3	182.4	159.7	129.8	133.9
85°	23.4	28.9	24.8	23.7	32.7	84.7	121.8	91.2	60.6	59.2
87.5°	6.2	5.5	5.5	6.2	13.8	73.0	48.5	38.9	23.1	22.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


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(END OF REPORT)