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: P1200212

Luminaire Tested: GPC-SB2C-735-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200212
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2C-735-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15372 lumens
Efficiency:	N/A
Efficacy:	152.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
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

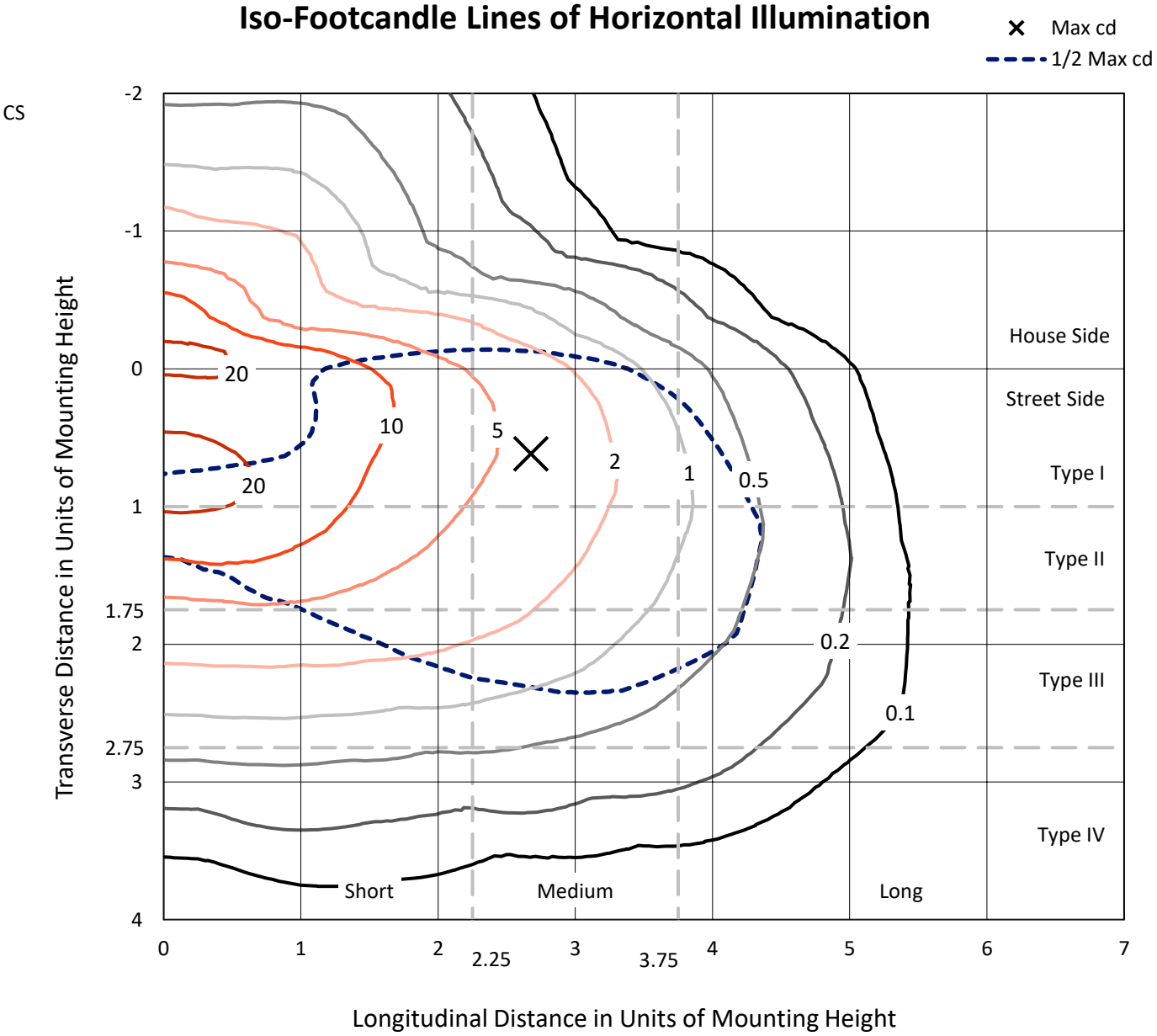


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Iso-Footcandle Lines of Horizontal Illumination



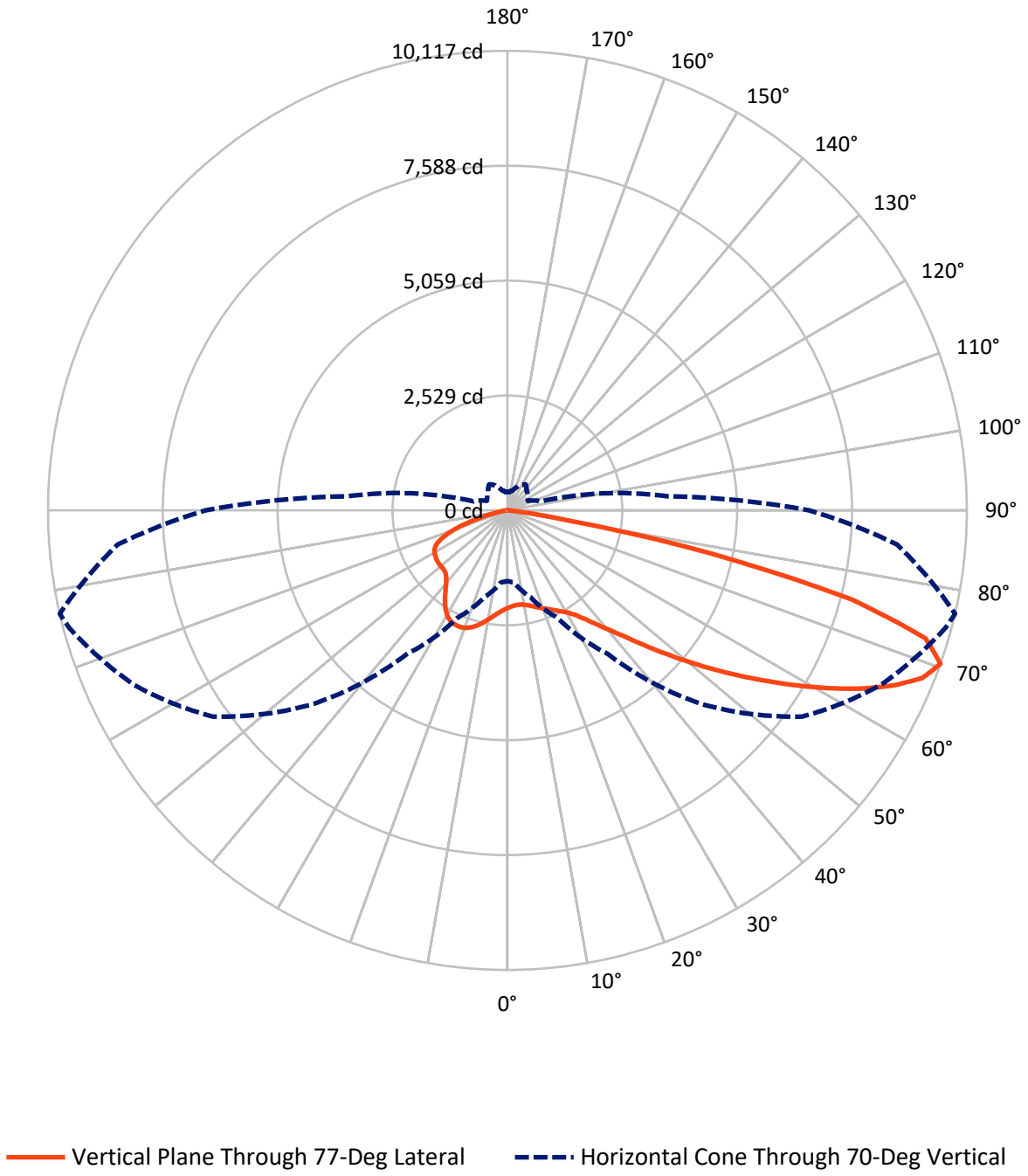
Based on 10 foot mounting height. Maximum calculated value = 25.4 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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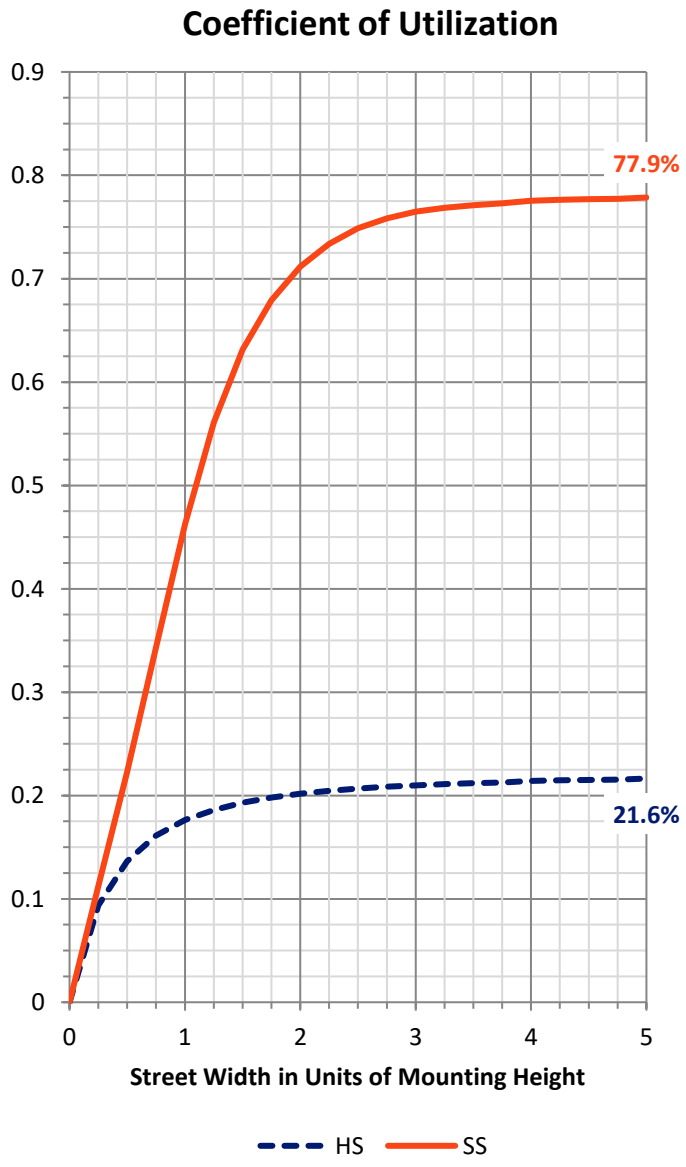
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3366.2	0.0	3366.2
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	12005.8	0.0	12005.8
	% Fixture	78.1	0.0	78.1
Total	Lumens	15372.0	0.0	15372.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.5	1.3
10°-20°	590.3	3.8
20°-30°	1009.5	6.6
30°-40°	1623.4	10.6
40°-50°	2534.5	16.5
50°-60°	3385.5	22.0
60°-70°	3608.4	23.5
70°-80°	2221.3	14.5
80°-90°	194.6	1.3
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°	15372.0	100.0
0°-180°	15372.0	100.0



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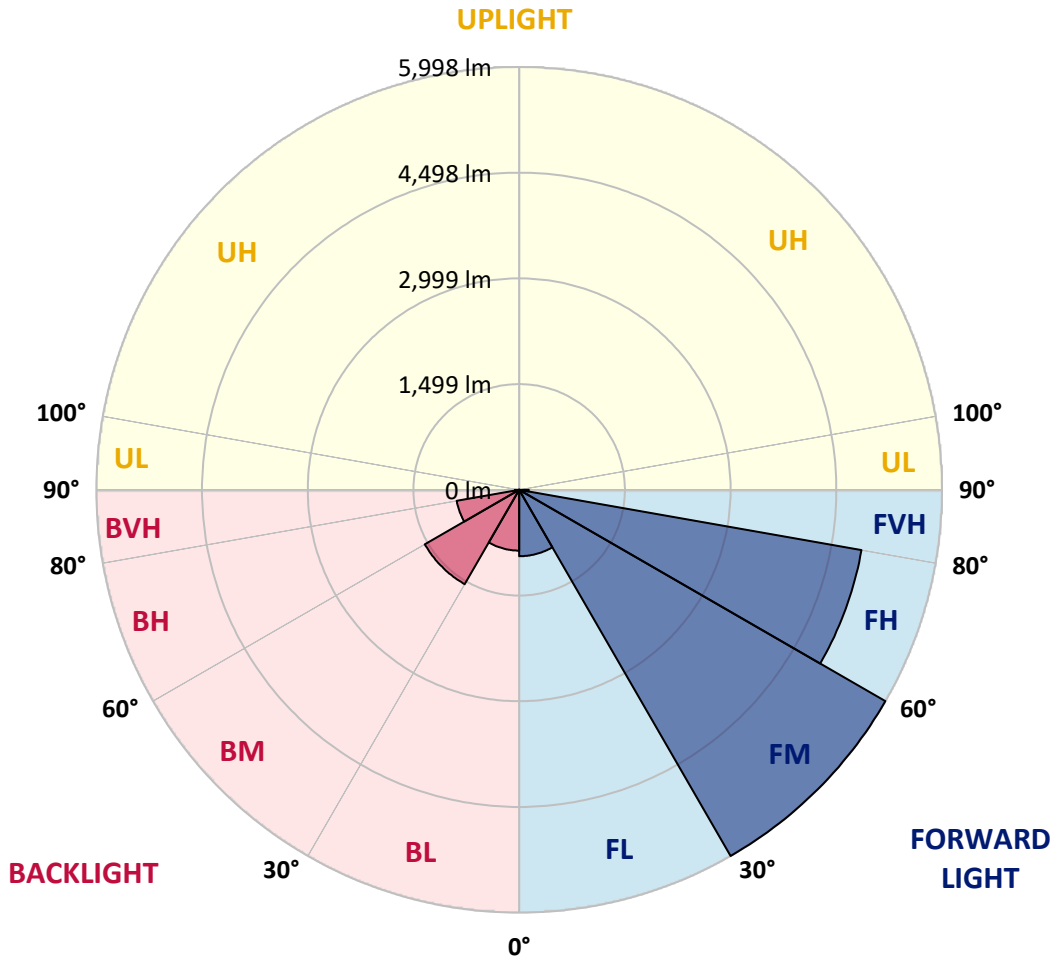
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	941.8	6.1			
FM	(30°-60°)	5997.8	39.0			
FH	(60°-80°)	4930.1	32.1			G2/5000
FVH	(80°-90°)	136.1	0.9			G2/225
BL	(0°-30°)	862.5	5.6	B2/1000		
BM	(30°-60°)	1545.5	10.1	B2/2500		
BH	(60°-80°)	899.6	5.9	B2/1000		G2/1000
BVH	(80°-90°)	58.5	0.4			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5	*2144.5*	2144.5
2.5°	1976.8	1976.1	1986.3	1989.4	2008.3	2021.7	2046.9	2073.7	2108.3	*2112.3*	2133.5
5°	1862.7	1862.7	1874.5	1887.1	1911.5	1938.3	1976.8	2023.3	2083.1	*2092.6*	2145.3
7.5°	1765.9	1772.2	1782.4	1806.8	1835.1	1873.7	1932.8	1998.9	2077.6	*2092.6*	2177.6
10°	1687.9	1695.0	1707.6	1727.3	1769.8	1823.3	1900.5	1985.5	2091.0	*2114.6*	2224.8
12.5°	1663.5	1670.6	1677.7	1692.6	1732.0	1795.0	1887.1	1991.8	2123.3	*2146.9*	2289.4
15°	1720.2	1728.9	1723.3	1719.4	1739.9	1797.3	1893.4	2014.6	2163.4	*2197.3*	2368.9
17.5°	1850.9	1854.0	1841.4	1804.4	1801.3	1832.0	1923.3	2046.1	2213.8	*2250.8*	2449.2
20°	2061.9	2056.4	2030.4	1957.2	1915.4	1909.1	1974.5	2093.4	2265.8	*2305.1*	2535.8
22.5°	2348.4	2342.1	2290.2	2174.5	2081.6	2020.1	2048.5	2154.8	2324.0	*2368.1*	2620.0
25°	2705.9	2697.2	2620.8	2463.4	2319.3	2167.4	2149.3	2235.9	2395.7	*2436.6*	2708.2
27.5°	3123.1	3116.0	3033.4	2825.5	2617.7	2368.9	2274.4	2331.1	2470.5	*2516.9*	2807.4
30°	3571.9	3592.3	3445.9	3222.3	2959.4	2631.9	2442.9	2448.4	2567.3	*2609.0*	2927.9
32.5°	4099.3	4134.8	3958.4	3675.0	3316.0	2917.6	2655.5	2612.2	2708.2	*2742.9*	3079.8
35°	4622.1	4662.2	4515.8	4202.5	3789.1	3254.6	2877.5	2800.3	2895.6	*2933.4*	3281.4
37.5°	5074.0	5127.5	5051.9	4779.5	4295.4	3660.8	3167.2	3021.6	3126.3	*3173.5*	3552.2
40°	5430.6	5512.5	5507.0	5336.9	4892.1	4153.7	3534.9	3294.7	3412.8	*3464.0*	3880.5
42.5°	5720.3	5791.2	5852.6	5843.9	5514.9	4713.4	3967.1	3649.8	3739.6	*3798.6*	4249.7
45°	5920.3	5995.9	6128.1	6270.6	6114.0	5312.5	4462.3	4071.0	4152.9	*4241.8*	4689.8
47.5°	6099.0	6184.8	6356.4	6582.4	6622.5	5914.0	5004.7	4561.5	4636.3	*4728.4*	5131.5
50°	6114.8	6188.8	6454.9	6775.3	6983.9	6491.9	5587.3	5111.8	5181.8	*5280.2*	5604.6
52.5°	5734.5	5851.0	6315.5	6769.8	7150.0	6975.2	6165.9	5684.1	5762.8	*5880.9*	6094.3
55°	4451.2	4622.1	5906.9	6558.8	7091.0	7287.8	6716.2	6292.7	6393.5	*6517.1*	6587.1
57.5°	3834.0	3908.8	4689.0	6174.6	6821.7	7368.9	7180.7	6907.5	7069.7	*7205.1*	7108.3
60°	3445.9	3508.1	3969.4	5577.0	6467.5	7240.6	7539.7	7480.7	7760.9	*7922.3*	7641.3
62.5°	3030.2	3089.3	3508.9	4656.7	6014.0	7027.2	7766.5	8009.7	8469.5	*8645.8*	8143.6
65°	2617.7	2668.1	3070.4	3912.8	5437.7	6813.9	7883.8	8467.1	9125.3	*9307.9*	8560.8
67.5°	2157.9	2199.6	2579.9	3301.0	4737.0	6521.8	7942.0	8826.9	9696.1	*9852.7*	8767.1
70°	*1557.2*	*1589.5*	*1982.4*	*2610.6*	*3857.6*	*6019.5*	*7918.4*	*9082.0*	*9992.1*	*10117.3*	*8611.2*
72.5°	736.1	765.2	1226.6	1695.0	2724.8	5041.7	7440.5	8879.7	9691.3	*9629.1*	7657.0
75°	392.8	418.0	704.6	929.8	1439.1	3456.1	6088.8	7649.2	8138.1	*7835.7*	5658.9
77.5°	266.1	285.8	436.1	558.2	657.4	1640.7	3913.5	5296.0	5095.2	*4596.1*	2834.2
80°	211.0	231.5	357.4	377.9	318.1	592.8	1617.1	2451.6	1761.1	*1408.4*	806.2
82.5°	162.2	185.0	300.7	274.0	173.2	243.3	470.8	775.5	451.1	*343.3*	195.2
85°	99.2	123.6	236.2	174.8	97.6	111.0	159.8	215.7	137.8	*114.9*	70.1
87.5°	50.4	70.9	119.7	63.8	44.1	26.0	42.5	42.5	36.2	*31.5*	18.1
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5	2144.5
2.5°	2152.4	2168.2	2194.9	2220.1	2239.8	2258.7	2277.6	2287.8	2291.0	2303.6	2310.6
5°	2177.6	2206.7	2258.7	2307.5	2338.2	2357.1	2370.5	2378.4	2379.9	2383.9	2390.2
7.5°	2224.0	2270.5	2342.9	2391.7	2414.6	2413.0	2407.5	2387.8	2379.9	2372.8	2374.4
10°	2289.4	2350.8	2439.8	2473.6	2459.4	2421.7	2372.8	2315.4	2288.6	2262.6	2254.8
12.5°	2370.5	2448.4	2535.8	2534.2	2464.2	2367.3	2254.0	2165.8	2109.9	2069.7	2060.3
15°	2468.9	2558.6	2625.6	2572.0	2418.5	2244.5	2078.4	1963.5	1913.1	1869.0	1864.3
17.5°	2570.4	2666.5	2697.2	2560.2	2303.6	2062.7	1874.5	1784.0	1734.4	1710.7	1717.8
20°	2669.6	2764.9	2739.7	2492.5	2128.8	1856.4	1688.7	1639.1	1628.9	1634.4	1632.0
22.5°	2774.4	2859.4	2748.4	2361.8	1906.0	1645.4	1553.3	1554.9	1577.7	1594.2	1598.2
25°	2881.4	2938.9	2725.5	2172.9	1666.7	1490.3	1467.5	1492.7	1537.5	1569.8	1578.5
27.5°	2984.6	3009.7	2675.9	1939.1	1461.2	1379.3	1383.2	1435.2	1502.9	1547.8	1558.8
30°	3101.1	3072.7	2580.7	1676.1	1318.7	1284.0	1317.1	1377.7	1445.4	1485.6	1495.0
32.5°	3232.5	3127.1	2429.5	1432.8	1217.9	1207.7	1262.0	1301.4	1331.3	1343.1	1349.4
35°	3396.3	3203.4	2235.9	1262.0	1127.4	1151.8	1203.7	1184.1	1172.3	1166.0	1172.3
37.5°	3608.9	3306.6	2009.1	1151.0	1054.2	1111.6	1132.9	1071.5	1025.0	1002.2	1007.7
40°	3864.7	3457.7	1791.0	1065.2	1007.7	1077.0	1040.0	966.0	906.9	874.7	877.0
42.5°	4148.9	3615.9	1607.6	1000.6	981.7	1048.6	971.5	883.3	788.1	777.8	788.1
45°	4447.3	3778.9	1482.4	951.0	969.1	1024.2	932.1	789.6	721.9	763.7	785.7
47.5°	4745.7	3928.5	1406.9	914.0	962.8	996.7	897.5	737.7	689.7	750.3	778.6
50°	5077.9	4062.3	1373.0	887.3	955.8	985.7	845.5	724.3	655.8	696.0	725.9
52.5°	5407.8	4166.3	1347.8	860.5	945.5	977.0	820.3	708.5	614.9	617.2	633.8
55°	5736.9	4234.0	1320.3	825.1	922.7	958.1	818.0	691.2	584.2	573.1	581.0
57.5°	6088.0	4272.5	1286.4	785.7	883.3	910.1	815.6	677.8	574.7	556.6	559.0
60°	6445.4	4329.2	1242.3	737.7	830.6	852.6	810.1	673.1	569.2	538.5	540.9
62.5°	6765.8	4348.9	1189.6	692.0	762.9	795.9	798.3	669.2	554.2	501.5	501.5
65°	6976.0	4263.9	1097.5	640.1	689.7	737.7	775.5	655.8	527.5	474.7	474.7
67.5°	6967.4	4021.4	953.4	573.1	618.8	673.1	742.4	633.0	495.2	441.7	444.0
70°	*6643.0*	*3542.7*	*770.7*	*495.2*	*540.9*	*603.8*	*699.9*	*599.1*	*456.6*	*405.4*	*410.2*
72.5°	5697.5	2772.8	559.8	403.9	450.3	532.2	644.8	558.2	417.3	373.2	370.8
75°	4070.2	1754.8	379.5	310.2	350.3	451.1	576.3	510.2	381.0	374.7	353.5
77.5°	2079.2	838.4	251.1	226.7	244.1	355.8	484.2	455.8	386.6	309.4	275.5
80°	676.3	309.4	158.2	154.3	162.2	237.0	374.7	374.0	292.9	210.2	185.8
82.5°	215.7	133.0	103.1	99.2	95.3	148.8	261.4	296.0	197.6	133.0	132.3
85°	85.8	79.5	60.6	55.9	40.2	70.1	137.0	196.8	147.2	96.0	98.4
87.5°	31.5	31.5	16.5	11.8	8.7	23.6	37.0	59.0	84.2	49.6	48.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)