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: P1199260

Luminaire Tested: GPC-SB2A-735-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199260
	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-SB2A-735-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9207 lumens
Efficiency:	N/A
Efficacy:	160.7 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):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

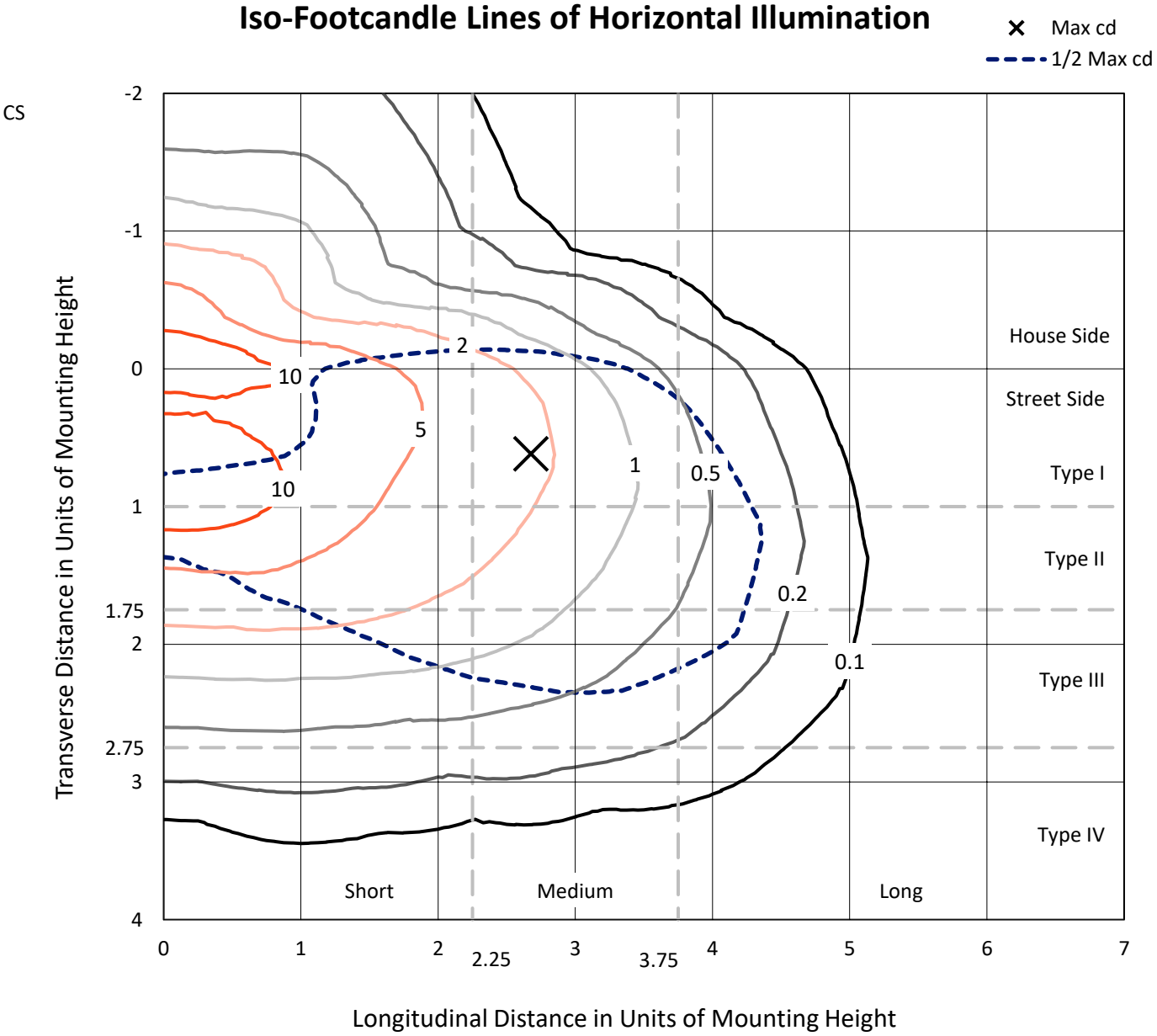


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Iso-Footcandle Lines of Horizontal Illumination



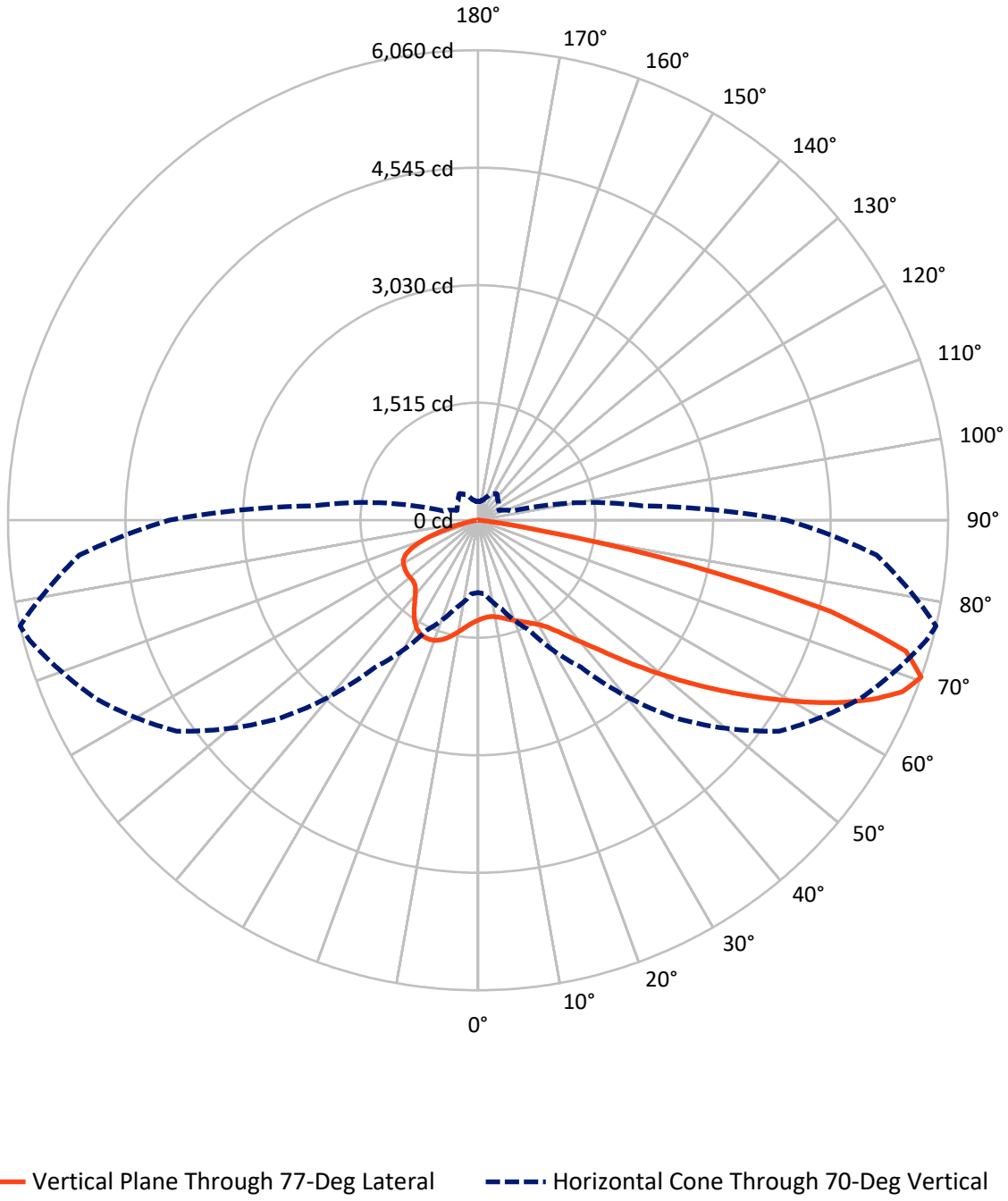
Based on 10 foot mounting height. Maximum calculated value = 15.2 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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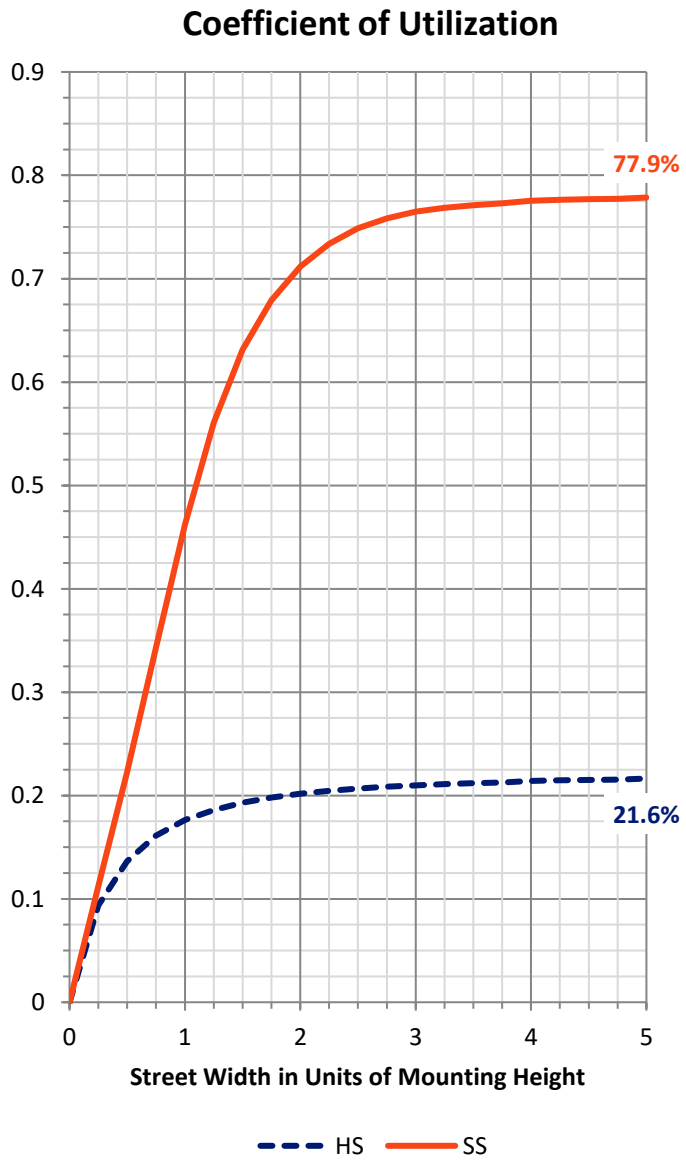
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2016.2	0.0	2016.2
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	7190.8	0.0	7190.8
	% Fixture	78.1	0.0	78.1
Total	Lumens	9207.0	0.0	9207.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.5	1.3
10°-20°	353.6	3.8
20°-30°	604.6	6.6
30°-40°	972.3	10.6
40°-50°	1518.0	16.5
50°-60°	2027.7	22.0
60°-70°	2161.2	23.5
70°-80°	1330.4	14.5
80°-90°	116.6	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°	9207.0	100.0
0°-180°	9207.0	100.0



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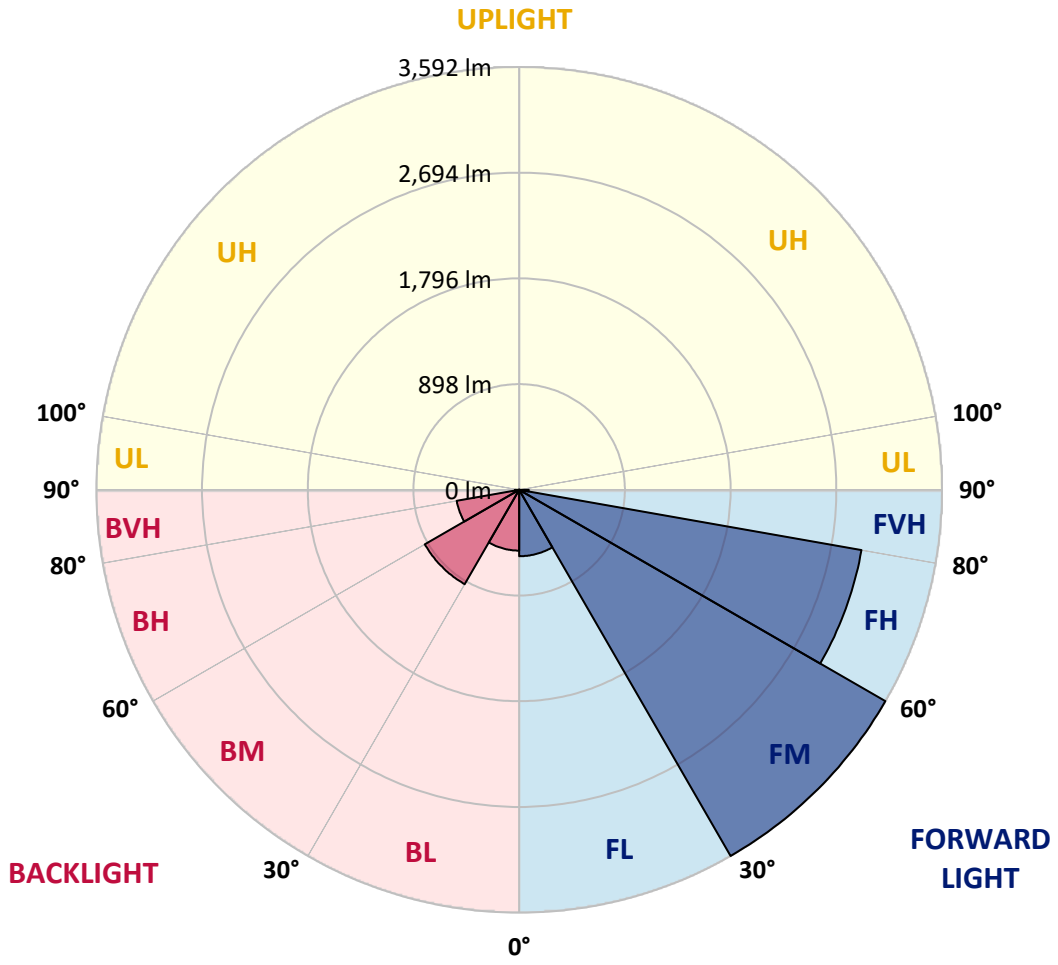
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	564.1	6.1			
FM	(30°-60°)	3592.4	39.0			
FH	(60°-80°)	2952.8	32.1			G2/5000
FVH	(80°-90°)	81.5	0.9			G1/100
BL	(0°-30°)	516.6	5.6	B2/1000		
BM	(30°-60°)	925.7	10.1	B1/1000		
BH	(60°-80°)	538.8	5.9	B2/1000		G2/1000
BVH	(80°-90°)	35.1	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°	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5	*1284.5*	1284.5
2.5°	1184.0	1183.6	1189.7	1191.6	1202.9	1210.9	1226.0	1242.0	1262.8	*1265.1*	1277.9
5°	1115.7	1115.7	1122.7	1130.3	1144.9	1160.9	1184.0	1211.8	1247.7	*1253.3*	1284.9
7.5°	1057.7	1061.4	1067.6	1082.2	1099.1	1122.3	1157.6	1197.2	1244.4	*1253.3*	1304.3
10°	1011.0	1015.2	1022.8	1034.5	1060.0	1092.1	1138.3	1189.2	1252.4	*1266.5*	1332.6
12.5°	996.4	1000.6	1004.8	1013.8	1037.4	1075.1	1130.3	1193.0	1271.7	*1285.9*	1371.2
15°	1030.3	1035.5	1032.2	1029.8	1042.1	1076.5	1134.0	1206.7	1295.8	*1316.1*	1418.8
17.5°	1108.6	1110.5	1102.9	1080.8	1078.9	1097.3	1152.0	1225.5	1326.0	*1348.1*	1466.9
20°	1234.9	1231.6	1216.1	1172.2	1147.2	1143.5	1182.6	1253.8	1357.1	*1380.7*	1518.8
22.5°	1406.6	1402.8	1371.7	1302.4	1246.7	1210.0	1226.9	1290.6	1392.0	*1418.4*	1569.3
25°	1620.7	1615.5	1569.7	1475.4	1389.1	1298.1	1287.3	1339.2	1434.9	*1459.4*	1622.1
27.5°	1870.6	1866.3	1816.8	1692.3	1567.9	1418.8	1362.3	1396.2	1479.7	*1507.5*	1681.5
30°	2139.4	2151.6	2063.9	1930.0	1772.5	1576.3	1463.2	1466.5	1537.7	*1562.7*	1753.6
32.5°	2455.3	2476.5	2370.9	2201.1	1986.1	1747.5	1590.5	1564.6	1622.1	*1642.8*	1844.6
35°	2768.4	2792.4	2704.7	2517.1	2269.5	1949.3	1723.5	1677.2	1734.3	*1756.9*	1965.4
37.5°	3039.0	3071.1	3025.8	2862.7	2572.7	2192.6	1897.0	1809.8	1872.5	*1900.8*	2127.6
40°	3252.6	3301.7	3298.4	3196.5	2930.1	2487.8	2117.2	1973.4	2044.1	*2074.8*	2324.2
42.5°	3426.2	3468.6	3505.4	3500.2	3303.1	2823.1	2376.1	2186.0	2239.8	*2275.2*	2545.3
45°	3545.9	3591.2	3670.4	3755.8	3661.9	3181.9	2672.7	2438.3	2487.3	*2540.6*	2808.9
47.5°	3653.0	3704.4	3807.2	3942.5	3966.5	3542.2	2997.5	2732.1	2776.9	*2832.0*	3073.5
50°	3662.4	3706.7	3866.1	4058.0	4183.0	3888.3	3346.5	3061.7	3103.6	*3162.6*	3356.9
52.5°	3434.7	3504.4	3782.7	4054.7	4282.5	4177.8	3693.1	3404.5	3451.6	*3522.4*	3650.2
55°	2666.1	2768.4	3537.9	3928.4	4247.1	4365.0	4022.7	3769.0	3829.3	*3903.4*	3945.3
57.5°	2296.4	2341.2	2808.5	3698.2	4085.8	4413.6	4300.9	4137.2	4234.4	*4315.5*	4257.5
60°	2063.9	2101.2	2377.5	3340.4	3873.7	4336.7	4515.9	4480.5	4648.4	*4745.1*	4576.7
62.5°	1814.9	1850.3	2101.6	2789.1	3602.1	4208.9	4651.7	4797.4	5072.8	*5178.4*	4877.6
65°	1567.9	1598.0	1839.0	2343.5	3256.9	4081.1	4721.9	5071.4	5465.6	*5575.0*	5127.5
67.5°	1292.5	1317.5	1545.2	1977.1	2837.2	3906.2	4756.8	5286.8	5807.4	*5901.3*	5251.0
70°	*932.7*	*952.0*	*1187.3*	*1563.6*	*2310.5*	*3605.4*	*4742.7*	*5439.6*	*5984.7*	*6059.7*	*5157.6*
72.5°	440.9	458.3	734.7	1015.2	1632.0	3019.7	4456.5	5318.4	5804.6	*5767.3*	4586.1
75°	235.3	250.4	422.0	556.9	862.0	2070.0	3646.8	4581.4	4874.3	*4693.2*	3389.4
77.5°	159.4	171.2	261.2	334.3	393.7	982.7	2344.0	3172.0	3051.8	*2752.8*	1697.5
80°	126.4	138.6	214.1	226.3	190.5	355.1	968.5	1468.4	1054.8	*843.6*	482.9
82.5°	97.1	110.8	180.1	164.1	103.7	145.7	282.0	464.5	270.2	*205.6*	116.9
85°	59.4	74.0	141.5	104.7	58.5	66.5	95.7	129.2	82.5	*68.8*	42.0
87.5°	30.2	42.4	71.7	38.2	26.4	15.6	25.5	25.5	21.7	*18.9*	10.8
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°	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5	1284.5
2.5°	1289.2	1298.6	1314.6	1329.7	1341.5	1352.8	1364.1	1370.3	1372.2	1379.7	1384.0
5°	1304.3	1321.7	1352.8	1382.1	1400.5	1411.8	1419.8	1424.5	1425.4	1427.8	1431.6
7.5°	1332.1	1359.9	1403.3	1432.5	1446.2	1445.3	1442.0	1430.2	1425.4	1421.2	1422.1
10°	1371.2	1408.0	1461.3	1481.6	1473.1	1450.4	1421.2	1386.8	1370.8	1355.2	1350.5
12.5°	1419.8	1466.5	1518.8	1517.9	1475.9	1417.9	1350.0	1297.2	1263.7	1239.7	1234.0
15°	1478.7	1532.5	1572.6	1540.5	1448.6	1344.3	1244.9	1176.0	1145.8	1119.4	1116.6
17.5°	1539.6	1597.1	1615.5	1533.4	1379.7	1235.4	1122.7	1068.5	1038.8	1024.6	1028.9
20°	1599.0	1656.0	1640.9	1492.9	1275.0	1111.9	1011.4	981.7	975.6	978.9	977.5
22.5°	1661.7	1712.6	1646.1	1414.6	1141.6	985.5	930.3	931.3	945.0	954.9	957.2
25°	1725.8	1760.2	1632.5	1301.4	998.2	892.6	878.9	894.0	920.9	940.2	945.4
27.5°	1787.6	1802.7	1602.7	1161.4	875.2	826.1	828.5	859.6	900.2	927.0	933.6
30°	1857.4	1840.4	1545.7	1003.9	789.8	769.1	788.9	825.2	865.7	889.8	895.4
32.5°	1936.1	1872.9	1455.2	858.2	729.5	723.3	755.9	779.4	797.4	804.4	808.2
35°	2034.2	1918.7	1339.2	755.9	675.2	689.9	721.0	709.2	702.1	698.3	702.1
37.5°	2161.5	1980.4	1203.4	689.4	631.4	665.8	678.5	641.8	613.9	600.3	603.6
40°	2314.8	2071.0	1072.7	638.0	603.6	645.1	622.9	578.6	543.2	523.9	525.3
42.5°	2485.0	2165.8	962.9	599.3	588.0	628.1	581.9	529.1	472.0	465.9	472.0
45°	2663.7	2263.4	887.9	569.6	580.5	613.5	558.3	472.9	432.4	457.4	470.6
47.5°	2842.4	2353.0	842.6	547.5	576.7	597.0	537.5	441.8	413.1	449.4	466.3
50°	3041.4	2433.1	822.4	531.4	572.4	590.4	506.4	433.8	392.8	416.8	434.8
52.5°	3239.0	2495.4	807.3	515.4	566.3	585.2	491.3	424.4	368.3	369.7	379.6
55°	3436.1	2535.9	790.8	494.2	552.6	573.9	489.9	414.0	349.9	343.3	348.0
57.5°	3646.4	2559.0	770.5	470.6	529.1	545.1	488.5	406.0	344.2	333.4	334.8
60°	3860.5	2593.0	744.1	441.8	497.5	510.7	485.2	403.2	340.9	322.5	323.9
62.5°	4052.4	2604.8	712.5	414.5	456.9	476.7	478.1	400.8	332.0	300.4	300.4
65°	4178.3	2553.8	657.3	383.4	413.1	441.8	464.5	392.8	315.9	284.3	284.3
67.5°	4173.1	2408.6	571.0	343.3	370.6	403.2	444.7	379.1	296.6	264.5	265.9
70°	*3978.8*	*2121.9*	*461.6*	*296.6*	*323.9*	*361.7*	*419.2*	*358.8*	*273.5*	*242.8*	*245.7*
72.5°	3412.5	1660.7	335.3	241.9	269.7	318.8	386.2	334.3	249.9	223.5	222.1
75°	2437.8	1051.1	227.3	185.8	209.8	270.2	345.2	305.6	228.2	224.5	211.7
77.5°	1245.3	502.2	150.4	135.8	146.2	213.1	290.0	273.0	231.5	185.3	165.0
80°	405.0	185.3	94.8	92.4	97.1	141.9	224.5	224.0	175.4	125.9	111.3
82.5°	129.2	79.7	61.8	59.4	57.1	89.1	156.5	177.3	118.4	79.7	79.2
85°	51.4	47.6	36.3	33.5	24.0	42.0	82.0	117.9	88.2	57.5	58.9
87.5°	18.9	18.9	9.9	7.1	5.2	14.1	22.2	35.4	50.5	29.7	29.2
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)