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: P1199256

Luminaire Tested: GPC-SB2A-735-U-T2R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199256
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-735-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II ROADWAY OPTIC
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9135 lumens
Efficiency:	N/A
Efficacy:	159.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - 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

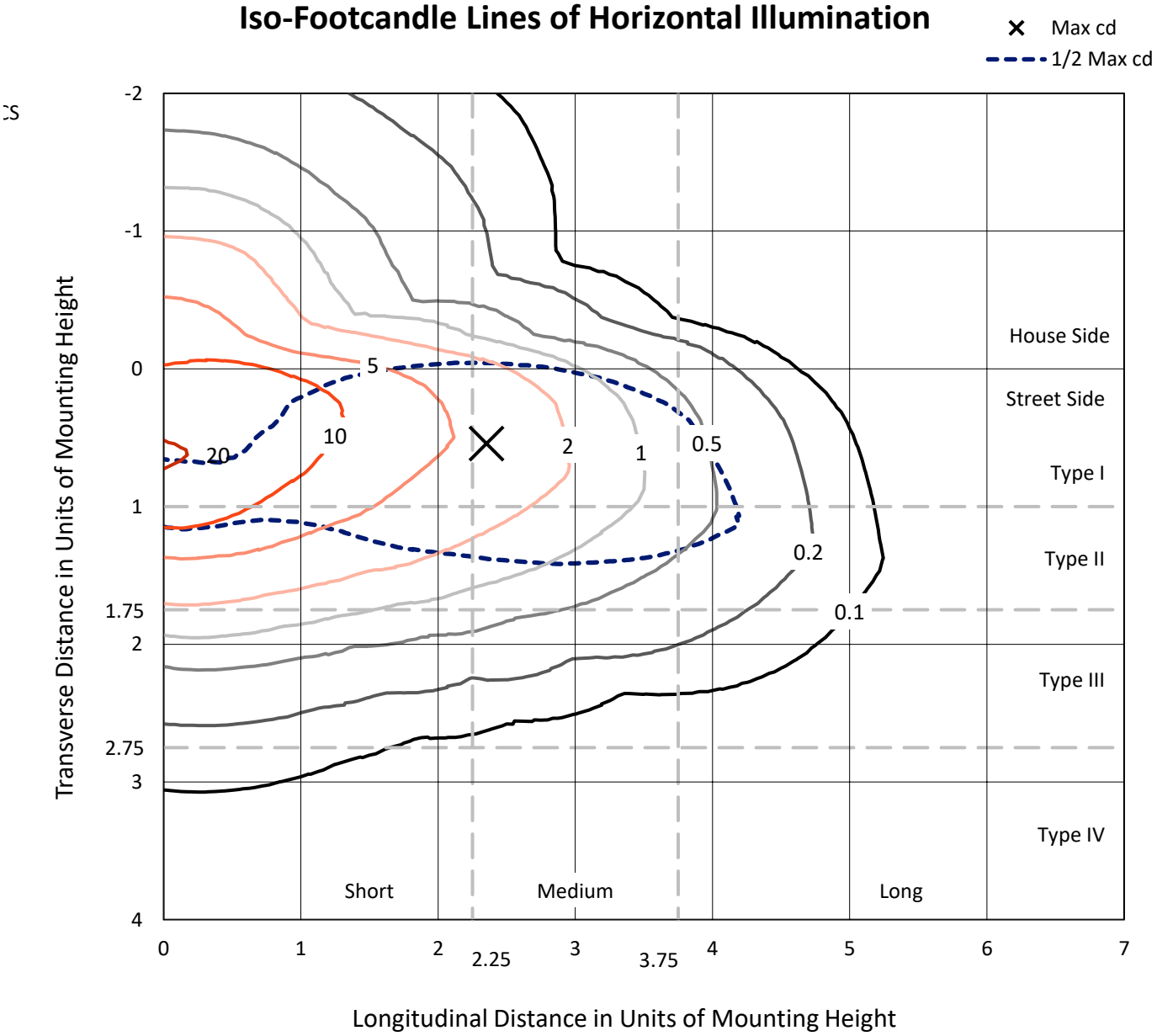


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Iso-Footcandle Lines of Horizontal Illumination



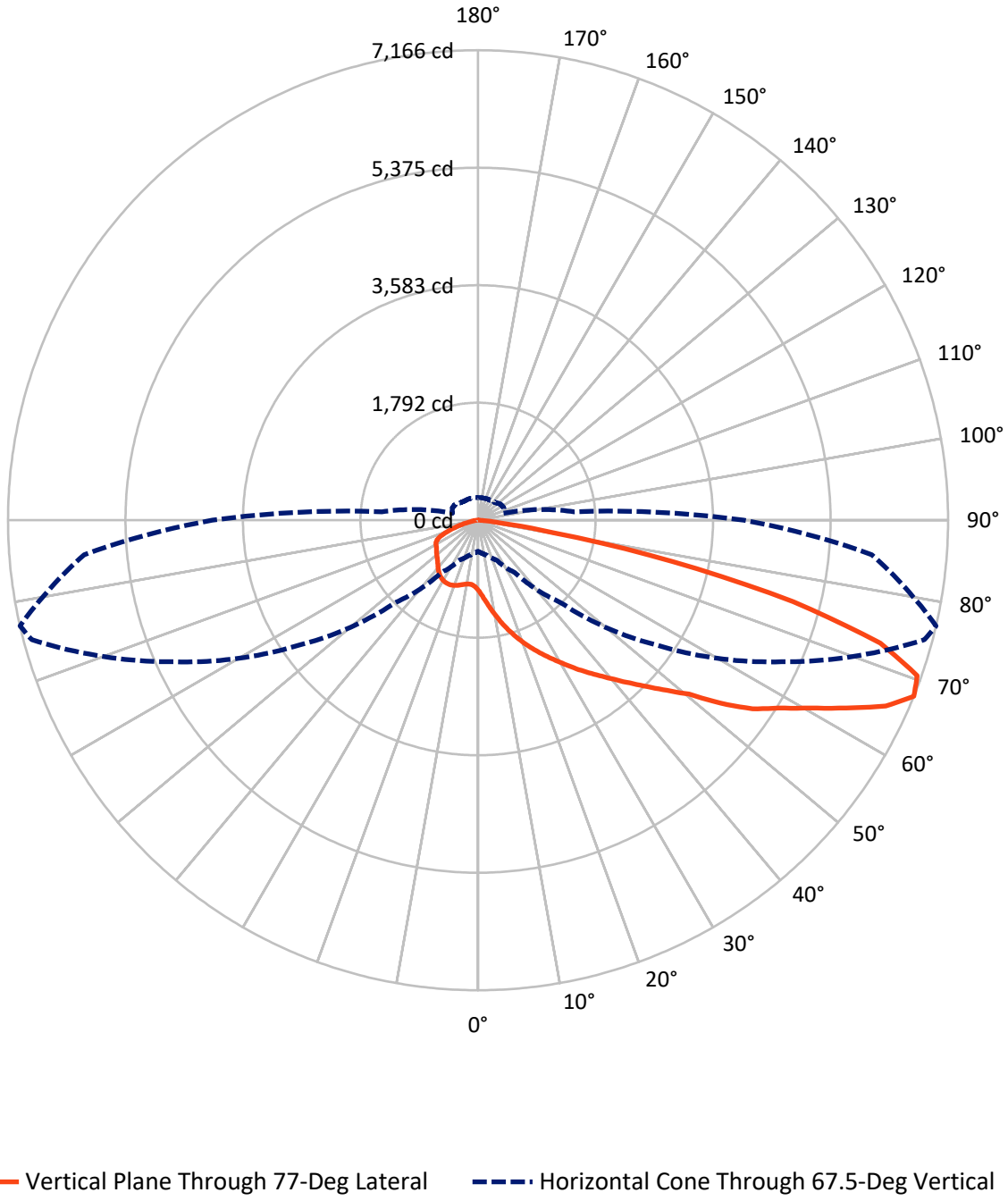
Based on 10 foot mounting height. Maximum calculated value = 20.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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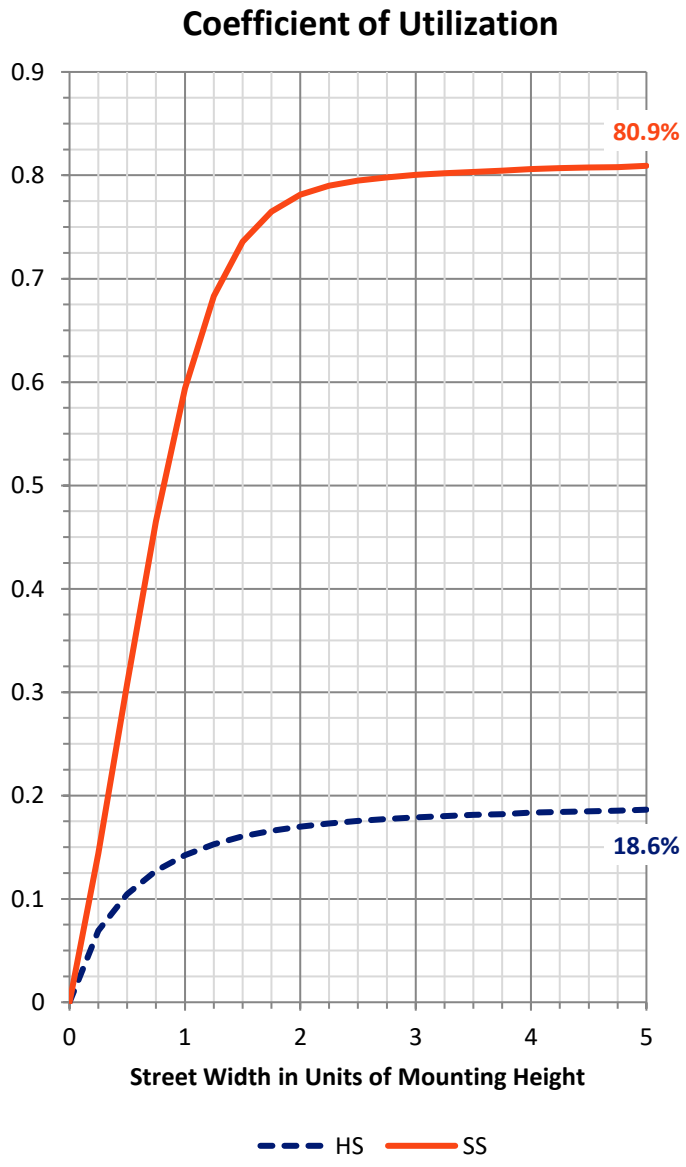
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1728.0	0.0	1728.0
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	7407.0	0.0	7407.0
	% Fixture	81.1	0.0	81.1
Total	Lumens	9135.0	0.0	9135.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.9	1.3
10°-20°	412.7	4.5
20°-30°	779.3	8.5
30°-40°	1255.4	13.7
40°-50°	1717.2	18.8
50°-60°	1937.0	21.2
60°-70°	1807.9	19.8
70°-80°	991.1	10.8
80°-90°	119.5	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°	9135.0	100.0
0°-180°	9135.0	100.0



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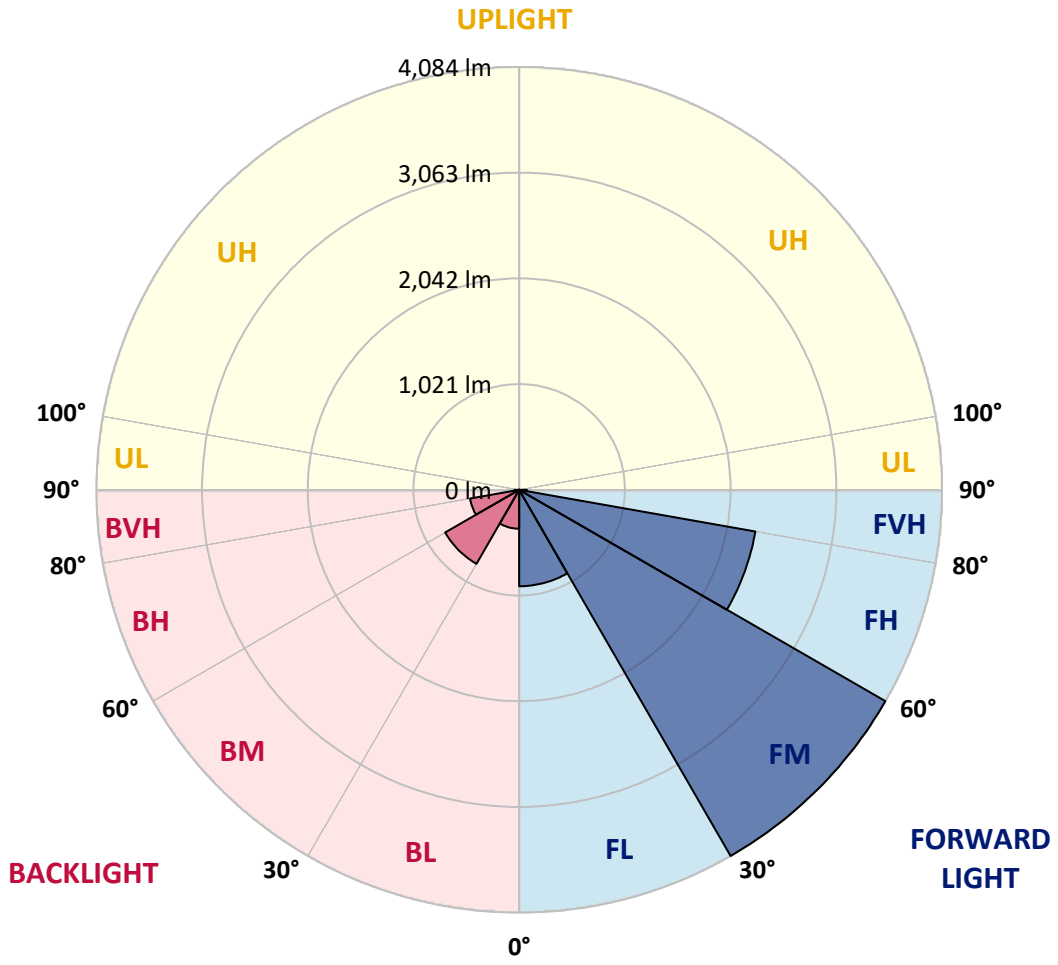
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	931.2	10.2			
FM	(30°-60°)	4084.2	44.7			
FH	(60°-80°)	2316.9	25.4			G2/5000
FVH	(80°-90°)	74.8	0.8			G1/100
BL	(0°-30°)	375.7	4.1	B1/500		
BM	(30°-60°)	825.4	9.0	B1/1000		
BH	(60°-80°)	482.1	5.3	B1/500		G1/500
BVH	(80°-90°)	44.8	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-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8	*1071.8*	1071.8
2.5°	1342.0	1351.4	1339.7	1339.7	1300.0	1279.3	1239.7	1209.5	1155.3	*1145.9*	1110.0
5°	1586.3	1598.1	1581.6	1574.5	1527.8	1484.9	1418.4	1352.9	1256.2	*1246.3*	1161.9
7.5°	1775.4	1790.5	1775.8	1768.3	1726.8	1678.7	1600.9	1509.4	1373.1	*1353.8*	1231.7
10°	1929.6	1931.9	1927.2	1930.0	1897.5	1857.9	1778.2	1671.6	1501.4	*1475.0*	1316.1
12.5°	2016.8	2027.6	2037.1	2054.0	2048.4	2023.9	1952.2	1824.9	1637.2	*1603.2*	1408.0
15°	2057.8	2076.7	2097.9	2137.0	2168.6	2174.8	2120.1	1989.4	1775.4	*1734.3*	1500.9
17.5°	2072.4	2090.4	2123.8	2180.4	2248.3	2294.1	2269.5	2149.3	1912.1	*1865.0*	1598.5
20°	2146.5	2151.7	2171.9	2225.7	2299.2	2375.2	2393.6	2303.0	2047.4	*1994.2*	1699.4
22.5°	2304.9	2294.5	2300.2	2324.7	2377.5	2451.1	2493.1	2438.8	2186.5	*2125.2*	1801.3
25°	2566.6	2536.4	2506.3	2478.0	2504.8	2546.3	2594.0	2574.6	2332.3	*2254.5*	1904.1
27.5°	2897.2	2860.4	2793.9	2701.0	2668.5	2683.1	2704.3	2700.5	2467.1	*2388.4*	2010.2
30°	3222.5	3179.6	3100.4	2966.0	2880.2	2841.5	2825.5	2814.6	2613.8	*2529.8*	2117.2
32.5°	3482.4	3448.4	3370.6	3220.2	3095.7	3029.7	2976.4	2937.7	2767.0	*2683.1*	2230.4
35°	3709.6	3678.0	3588.9	3424.8	3289.5	3219.2	3149.4	3066.9	2926.4	*2841.5*	2352.1
37.5°	3917.1	3885.5	3763.4	3592.7	3456.4	3407.8	3345.6	3205.6	3086.3	*3006.1*	2480.8
40°	4048.2	4041.1	3927.0	3733.7	3592.2	3568.2	3547.4	3366.4	3263.6	*3189.1*	2622.3
42.5°	4081.7	4097.2	4006.7	3847.8	3712.9	3693.6	3742.2	3548.4	3462.5	*3391.3*	2782.6
45°	4001.1	4045.8	3986.4	3878.4	3798.8	3788.4	3914.8	3747.4	3682.8	*3617.7*	2975.9
47.5°	3796.9	3872.8	3848.3	3833.2	3821.9	3866.7	4066.6	3958.6	3932.2	*3875.6*	3196.6
50°	3384.7	3528.6	3571.5	3666.7	3776.1	3927.5	4204.8	4189.2	4223.6	*4166.6*	3465.4
52.5°	2672.2	2870.3	3119.3	3357.9	3635.6	3907.2	4356.6	4520.2	4665.5	*4634.3*	3892.6
55°	2205.9	2295.0	2486.5	2924.0	3363.1	3821.9	4425.0	4787.6	5104.0	*5076.2*	4216.5
57.5°	1847.5	1927.2	2045.1	2410.5	2950.9	3628.1	4467.4	4950.7	5404.4	*5401.5*	4536.3
60°	1463.2	1547.6	1668.3	1927.2	2469.5	3293.3	4458.0	5136.5	5787.7	*5811.3*	4926.2
62.5°	1029.4	1122.3	1256.2	1497.6	1977.7	2859.4	4265.6	5270.9	6239.0	*6303.1*	5395.4
65°	676.7	738.0	838.9	1047.3	1473.6	2301.6	3898.3	5288.4	6721.9	*6830.3*	5835.8
67.5°	*474.4*	*498.0*	*557.4*	*670.5*	*971.4*	*1765.0*	*3313.1*	*5107.8*	*7043.9*	*7166.1*	*6026.8*
70°	370.2	382.0	412.1	457.4	610.2	1186.9	2538.8	4638.1	6975.1	*7102.4*	5827.3
72.5°	319.7	331.0	342.3	348.0	409.3	732.8	1719.7	3878.0	6326.7	*6413.0*	5066.7
75°	290.0	292.8	302.3	300.4	312.2	475.3	992.6	2825.5	4991.8	*4962.1*	3740.3
77.5°	243.8	247.6	263.1	260.8	277.3	324.9	515.4	1823.5	3236.2	*3034.4*	2081.9
80°	206.5	208.4	225.4	222.6	241.0	235.3	263.1	929.4	1372.7	*1162.8*	600.3
82.5°	71.7	88.7	172.1	177.3	183.9	142.4	151.8	379.1	419.2	*321.1*	125.9
85°	34.9	37.3	87.7	124.5	124.0	71.7	74.0	135.3	132.0	*103.7*	42.0
87.5°	5.7	7.1	10.4	48.6	38.7	18.9	25.5	26.4	27.3	*23.6*	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8	1071.8
2.5°	1083.6	1060.0	1010.5	964.8	928.9	894.5	875.2	858.7	849.3	847.4	847.4
5°	1112.8	1064.3	974.2	898.3	848.8	812.0	792.7	780.4	774.3	770.5	770.0
7.5°	1154.8	1083.6	955.3	869.1	817.2	790.8	780.9	779.0	778.5	779.0	780.4
10°	1212.8	1115.2	953.5	862.0	818.6	804.0	803.5	804.0	805.9	806.3	806.8
12.5°	1275.5	1147.7	961.0	868.1	836.5	828.5	827.1	826.6	828.0	829.0	829.4
15°	1343.9	1190.6	973.7	881.3	856.3	847.8	846.4	843.6	843.1	842.6	842.2
17.5°	1414.2	1233.1	987.9	895.5	869.1	857.3	852.1	845.5	840.3	838.9	840.3
20°	1485.4	1275.1	997.8	902.5	870.0	853.5	843.1	831.8	822.8	817.7	819.5
22.5°	1561.3	1318.9	1003.9	900.6	861.5	838.9	820.0	806.8	793.1	784.2	784.6
25°	1635.3	1357.1	1003.4	890.7	845.0	816.2	792.2	775.2	756.4	746.9	746.9
27.5°	1706.5	1391.5	991.7	873.3	821.4	789.4	760.6	740.3	721.9	713.0	712.5
30°	1780.1	1420.3	973.3	847.8	793.6	758.2	726.6	709.2	692.7	684.2	683.7
32.5°	1853.2	1446.7	947.3	816.2	761.5	727.6	696.5	680.4	670.5	670.5	671.0
35°	1930.5	1465.1	912.9	779.5	727.6	695.1	670.5	661.1	660.2	654.5	653.1
37.5°	2012.1	1476.9	870.9	741.7	694.1	663.5	655.9	644.6	635.2	622.9	621.0
40°	2097.9	1488.7	820.5	702.6	658.7	641.8	638.5	623.4	596.5	566.3	562.1
42.5°	2202.1	1496.7	768.1	663.5	621.5	615.8	620.6	594.6	551.7	529.1	529.5
45°	2322.8	1509.9	720.0	624.8	583.3	583.3	603.1	569.2	533.8	519.6	522.0
47.5°	2479.4	1540.5	675.3	582.4	547.9	557.4	564.4	538.5	518.7	501.3	500.8
50°	2705.7	1614.1	629.0	539.4	521.1	539.9	530.0	514.9	491.8	477.7	476.3
52.5°	2986.8	1657.5	588.0	500.8	498.0	516.8	502.7	488.5	471.1	452.2	448.4
55°	3178.2	1665.5	553.6	472.5	482.4	480.5	475.3	462.6	453.2	428.2	428.6
57.5°	3392.3	1681.5	525.3	455.5	472.5	451.7	449.9	439.0	426.7	409.8	404.1
60°	3648.3	1706.5	500.8	448.9	464.0	432.9	423.4	419.2	406.9	398.5	400.8
62.5°	3927.5	1729.2	475.8	449.9	454.1	414.5	400.3	398.9	391.4	388.6	388.6
65°	4118.0	1667.4	444.7	448.9	438.5	395.6	377.7	377.2	371.1	370.2	369.7
67.5°	*4051.5*	*1471.7*	*402.7*	*435.7*	*422.5*	*376.8*	*357.0*	*355.1*	*347.1*	*347.5*	*347.5*
70°	3718.6	1192.5	344.7	403.2	402.7	359.8	335.3	329.1	318.3	320.2	322.1
72.5°	3094.3	883.7	266.9	348.9	371.1	344.2	310.3	300.4	286.7	288.6	288.1
75°	2234.6	600.7	194.3	265.5	323.0	325.8	285.8	268.8	252.3	255.1	256.0
77.5°	1143.5	340.5	142.9	183.0	253.7	296.1	263.6	241.0	237.2	263.6	259.8
80°	373.0	170.7	99.0	128.3	166.5	242.4	231.1	205.1	204.2	210.3	180.6
82.5°	111.3	72.1	63.7	84.4	92.0	185.8	199.5	155.1	133.4	140.5	145.2
85°	38.2	34.9	36.3	42.0	43.9	108.9	139.6	102.8	97.1	107.0	105.6
87.5°	9.0	12.3	10.4	9.4	9.4	26.4	54.2	42.9	59.4	39.6	38.2
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)