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: P1200690

Luminaire Tested: GPC-SB2D-735-U-T4FT-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200690
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-735-U-T4FT-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV FORWARD THRC OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15405 lumens
Efficiency:	N/A
Efficacy:	104.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

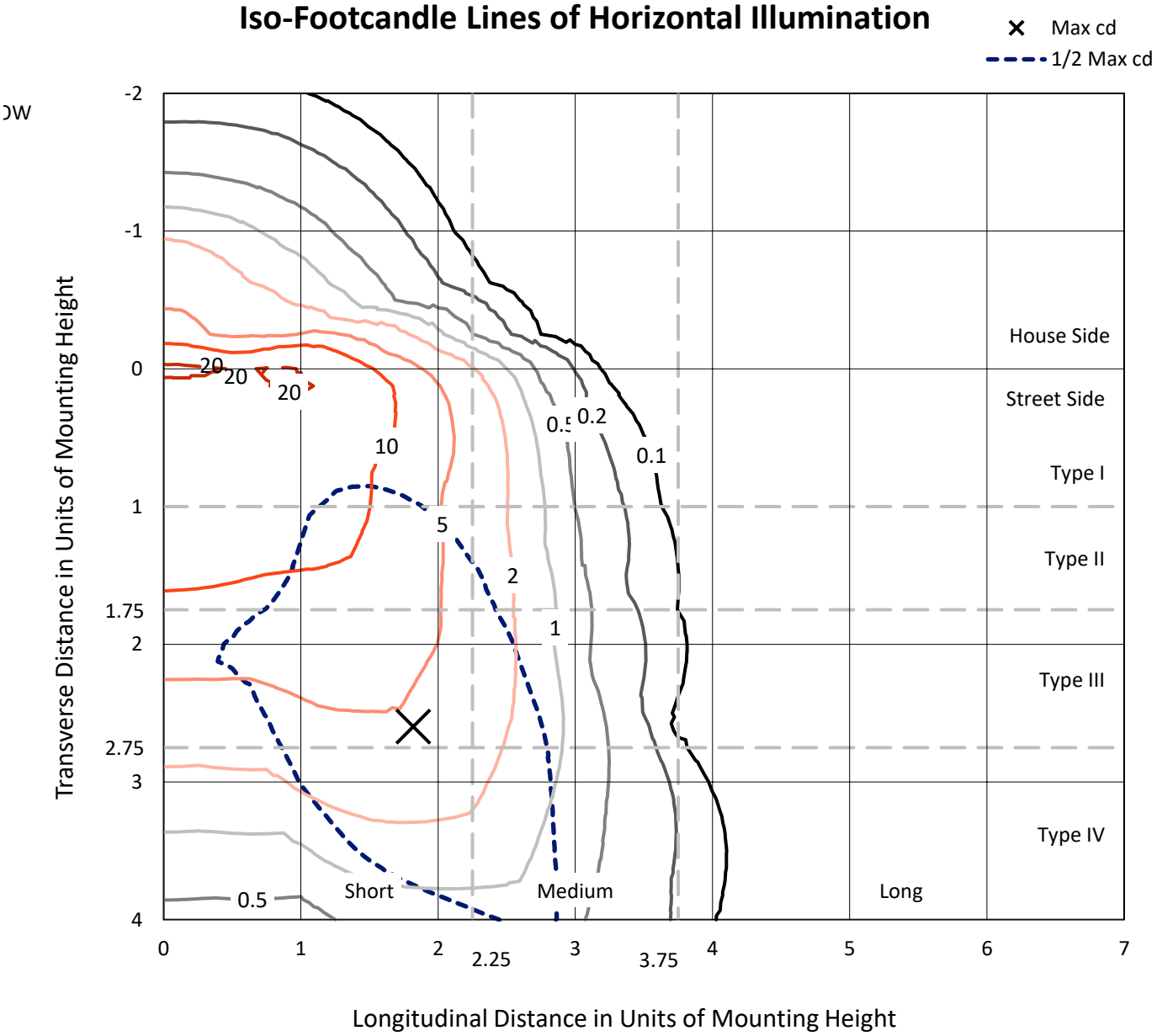


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Iso-Footcandle Lines of Horizontal Illumination



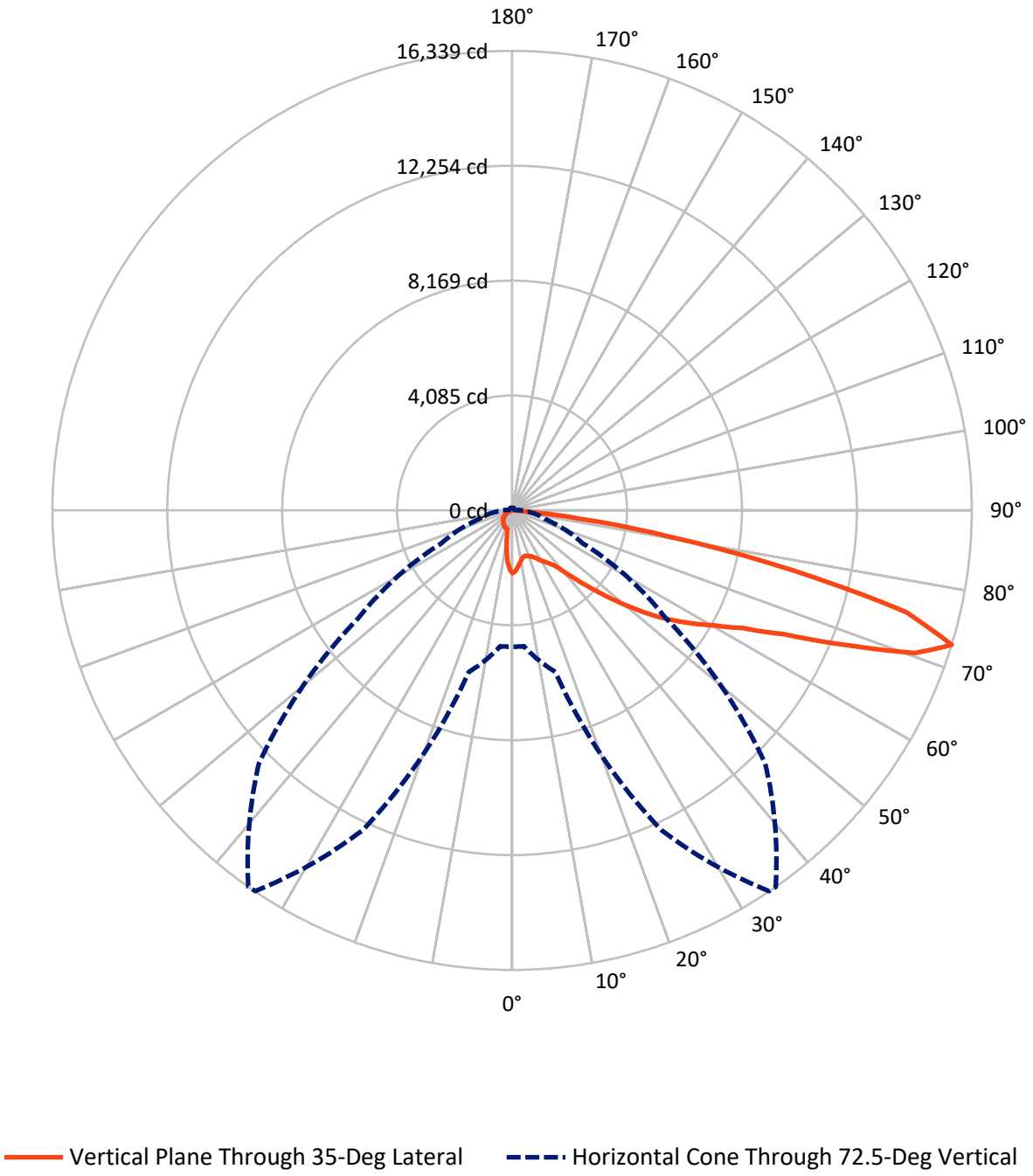
Based on 10 foot mounting height. Maximum calculated value = 22.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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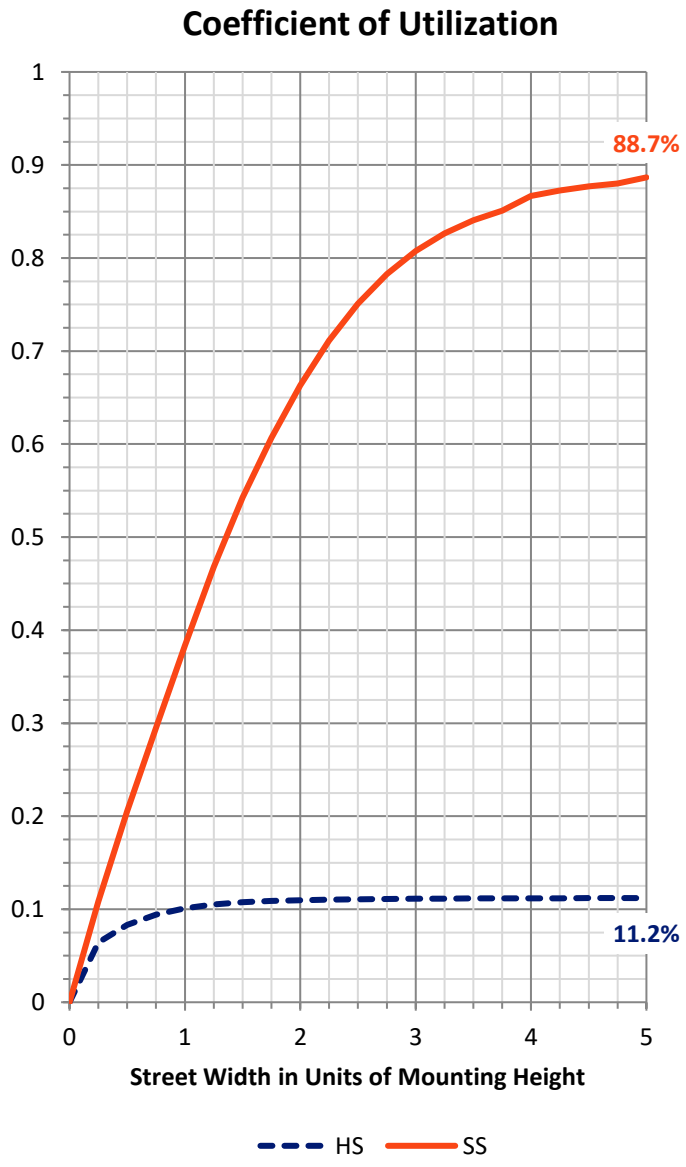
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1733.8	0.0	1733.8
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	13671.2	0.0	13671.2
	% Fixture	88.7	0.0	88.7
Total	Lumens	15405.0	0.0	15405.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.5	1.2
10°-20°	429.2	2.8
20°-30°	697.2	4.5
30°-40°	1163.3	7.6
40°-50°	2201.0	14.3
50°-60°	3497.4	22.7
60°-70°	4326.6	28.1
70°-80°	2689.4	17.5
80°-90°	217.3	1.4
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°	15405.0	100.0
0°-180°	15405.0	100.0



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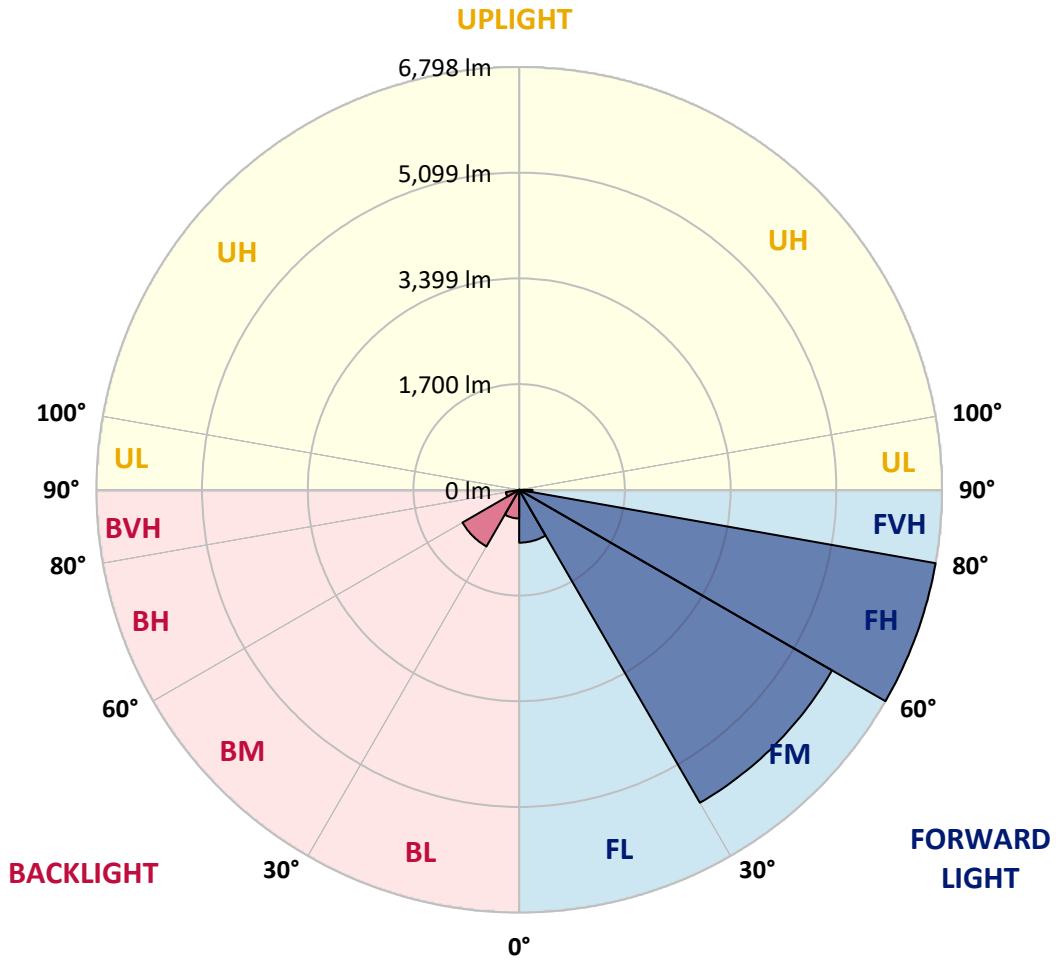
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	849.2	5.5			
FM	(30°-60°)	5809.2	37.7			
FH	(60°-80°)	6798.4	44.1			G3/7500
FVH	(80°-90°)	214.4	1.4			G2/225
BL	(0°-30°)	460.7	3.0	B1/500		
BM	(30°-60°)	1052.5	6.8	B2/2500		
BH	(60°-80°)	217.6	1.4	B1/500		G1/500
BVH	(80°-90°)	3.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	2232.7	2232.7	2232.7	2232.7	2232.7	*2232.7*	2232.7	2232.7	2232.7	2232.7	2232.7
2.5°	2133.4	2151.4	2154.8	2160.5	2160.5	*2167.2*	2178.5	2194.3	2220.3	2233.8	2242.9
5°	1966.3	1979.9	1996.8	2010.3	2036.3	*2039.7*	2083.7	2126.6	2186.4	2231.6	2263.2
7.5°	1798.1	1813.9	1836.5	1869.2	1903.1	*1913.3*	1979.9	2052.1	2146.9	2231.6	2284.6
10°	1679.6	1680.7	1701.1	1733.8	1788.0	*1800.4*	1881.7	1984.4	2102.9	2218.0	2304.9
12.5°	1613.0	1620.9	1629.9	1654.8	1706.7	*1714.6*	1801.5	1922.3	2058.9	2210.1	2328.6
15°	1613.0	1618.7	1624.3	1636.7	1678.5	*1685.2*	1762.0	1882.8	2036.3	2213.5	2367.0
17.5°	1629.9	1639.0	1634.5	1649.1	1693.2	*1697.7*	1765.4	1871.5	2035.2	2235.0	2425.7
20°	1670.6	1677.3	1668.3	1677.3	1721.4	*1730.4*	1800.4	1892.9	2054.4	2272.2	2499.1
22.5°	1734.9	1738.3	1716.9	1723.6	1768.8	*1780.1*	1861.3	1953.9	2100.6	2332.0	2597.3
25°	1816.2	1823.0	1790.2	1798.1	1841.0	*1854.6*	1948.3	2045.3	2174.0	2414.4	2722.6
27.5°	1909.9	1913.3	1885.0	1883.9	1939.2	*1958.4*	2053.2	2158.2	2272.2	2518.3	2880.6
30°	2017.1	2027.3	2000.2	1995.7	2065.6	*2081.4*	2175.1	2297.0	2416.7	2674.0	3105.2
32.5°	2101.8	2109.7	2093.9	2105.2	2176.3	*2188.7*	2323.0	2493.4	2643.6	2895.3	3411.1
35°	2223.7	2228.2	2192.1	2212.4	2293.7	*2325.3*	2525.1	2768.9	2929.2	3173.0	3810.7
37.5°	2665.0	2665.0	2511.5	2411.0	2488.9	*2517.2*	2801.6	3115.4	3281.3	3545.5	4314.1
40°	3275.7	3265.5	3040.9	2835.5	2825.3	*2880.6*	3195.5	3552.2	3736.2	3992.4	4880.8
42.5°	3927.0	3911.2	3605.3	3402.1	3368.2	*3387.4*	3650.4	4090.7	4278.0	4537.6	5490.3
45°	4504.9	4500.4	4220.5	3947.3	3886.3	*3947.3*	4218.2	4720.5	4854.8	5128.0	6098.7
47.5°	4989.1	4989.1	4784.8	4606.5	4574.9	*4611.0*	4986.9	5419.2	5406.8	5756.7	6691.3
50°	5546.8	5542.2	5348.1	5271.3	5304.1	*5354.9*	5871.8	6155.2	5977.9	6374.1	7220.7
52.5°	5937.3	5964.4	5897.8	5885.4	6052.4	*6140.5*	6770.3	6875.3	6489.3	6960.0	7616.9
55°	6246.6	6278.2	6355.0	6441.9	6763.6	*6878.7*	7640.6	7558.2	6917.1	7467.9	7844.9
57.5°	6684.6	6639.4	6757.9	6929.5	7449.9	*7588.7*	8483.8	8202.7	7261.4	7879.9	7869.8
60°	7216.2	7223.0	7243.3	7460.0	8135.0	*8313.4*	9314.6	8812.3	7482.6	8132.8	7594.3
62.5°	7855.1	7865.2	7907.0	8240.0	9055.0	*9223.2*	10199.5	9311.2	7584.2	8061.7	6883.2
65°	7811.1	7854.0	8320.1	9459.1	10453.5	*10619.4*	11232.4	9661.1	7430.7	7411.5	5604.3
67.5°	7115.7	7185.7	7965.7	10915.2	12562.0	*12747.2*	12480.8	9730.0	6768.1	5763.5	3656.1
70°	6203.7	6228.5	7166.5	12224.5	15003.6	*15190.9*	13598.3	8972.6	5135.9	3214.7	1637.8
72.5°	*4844.7*	*4850.3*	*5950.9*	*12528.2*	*16328.7*	*16338.9*	*12721.2*	*6660.9*	*2762.1*	*1234.9*	*568.9*
75°	3460.8	3426.9	3985.7	10160.0	14365.8	*14481.0*	9537.0	3124.4	1055.4	583.6	283.3
77.5°	1855.7	1892.9	2255.3	6025.4	9924.1	*10120.5*	5203.6	900.8	537.3	397.3	187.4
80°	573.4	605.0	924.5	2758.7	5621.3	*5739.8*	1929.1	400.7	374.8	283.3	123.0
82.5°	180.6	187.4	431.2	1159.2	2333.2	*2387.3*	558.7	226.9	256.2	187.4	72.2
85°	51.9	53.1	191.9	432.3	576.8	*588.1*	156.9	88.0	146.7	116.3	37.2
87.5°	5.6	18.1	72.2	72.2	50.8	*49.7*	16.9	19.2	41.8	14.7	6.8
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°	2232.7	2232.7	2232.7	2232.7	2232.7	2232.7	2232.7	2232.7	2232.7	2232.7	2232.7
2.5°	2237.2	2238.3	2223.7	2198.8	2171.7	2149.2	2121.0	2098.4	2082.6	2078.1	2086.0
5°	2253.0	2245.1	2203.4	2127.7	2037.4	1959.5	1872.6	1803.8	1758.6	1739.4	1746.2
7.5°	2276.7	2254.1	2162.7	2013.7	1841.0	1687.5	1531.7	1411.0	1334.2	1295.8	1301.5
10°	2297.0	2251.9	2095.0	1848.9	1584.8	1352.3	1142.3	996.7	915.4	877.1	878.2
12.5°	2316.2	2250.8	2006.9	1653.6	1295.8	1011.4	816.1	743.9	721.3	713.4	711.1
15°	2352.4	2254.1	1896.3	1430.1	1008.0	764.2	693.1	691.9	696.4	694.2	693.1
17.5°	2402.0	2257.5	1771.0	1193.1	777.7	673.9	670.5	680.6	687.4	684.0	682.9
20°	2466.4	2271.1	1637.8	958.3	668.2	651.3	659.2	668.2	673.9	668.2	667.1
22.5°	2556.7	2294.8	1492.2	769.8	633.2	637.8	644.5	654.7	660.3	652.4	651.3
25°	2667.3	2332.0	1348.9	669.4	616.3	622.0	632.1	643.4	650.2	642.3	641.1
27.5°	2810.6	2391.9	1216.8	646.8	599.4	602.8	617.4	634.4	643.4	633.2	633.2
30°	3018.3	2490.1	1102.8	656.9	589.2	581.3	601.6	625.3	635.5	626.5	625.3
32.5°	3293.7	2628.9	1032.8	672.7	584.7	556.5	575.7	606.1	623.1	617.4	617.4
35°	3654.9	2840.0	1005.7	690.8	581.3	530.5	544.1	576.8	606.1	611.8	611.8
37.5°	4092.9	3133.5	1013.6	698.7	571.2	509.1	515.8	544.1	582.4	600.5	605.0
40°	4590.7	3475.5	1058.8	690.8	559.9	491.0	492.1	513.6	547.5	574.5	583.6
42.5°	5104.3	3875.1	1142.3	661.5	549.7	475.2	471.8	486.5	509.1	528.3	536.2
45°	5593.0	4285.9	1224.7	620.8	537.3	459.4	451.5	457.2	461.7	469.6	474.1
47.5°	6019.7	4574.9	1201.0	583.6	520.4	441.3	427.8	425.5	412.0	410.9	409.7
50°	6314.3	4638.1	1066.7	546.3	495.5	421.0	399.6	386.0	362.3	351.0	352.2
52.5°	6408.0	4388.6	871.4	509.1	454.9	393.9	363.5	342.0	312.7	302.5	301.4
55°	6283.8	3899.9	696.4	463.9	398.5	357.8	324.0	295.7	272.0	259.6	259.6
57.5°	5980.2	3277.9	550.8	410.9	338.6	317.2	283.3	255.1	234.8	222.4	220.1
60°	5476.8	2602.9	435.7	347.7	289.0	273.2	238.2	220.1	202.0	187.4	184.0
62.5°	4712.6	1858.0	342.0	275.4	241.6	223.5	203.2	189.6	168.2	147.9	144.5
65°	3677.5	1136.7	264.1	202.0	194.1	185.1	172.7	160.3	134.3	114.0	110.6
67.5°	2319.6	538.4	188.5	152.4	153.5	149.0	143.4	133.2	114.0	95.9	93.7
70°	1021.5	260.7	124.2	116.3	114.0	114.0	118.5	115.1	97.1	80.1	76.8
72.5°	*347.7*	*140.0*	*92.6*	*88.0*	*82.4*	*81.3*	*99.3*	*95.9*	*77.9*	*62.1*	*58.7*
75°	181.7	93.7	67.7	63.2	49.7	59.8	79.0	74.5	55.3	40.6	37.2
77.5°	118.5	66.6	46.3	40.6	28.2	39.5	58.7	51.9	32.7	20.3	18.1
80°	74.5	44.0	27.1	19.2	13.5	21.4	31.6	22.6	12.4	4.5	3.4
82.5°	39.5	22.6	10.2	6.8	5.6	6.8	7.9	5.6	2.3	0.0	0.0
85°	15.8	7.9	3.4	2.3	1.1	0.0	2.3	1.1	0.0	0.0	0.0
87.5°	5.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)