Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1199833

Luminaire Tested: GPC-SB2B-827-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199833
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2B-827-U-SL2
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9731 lumens
Efficiency:	N/A
Efficacy:	131.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

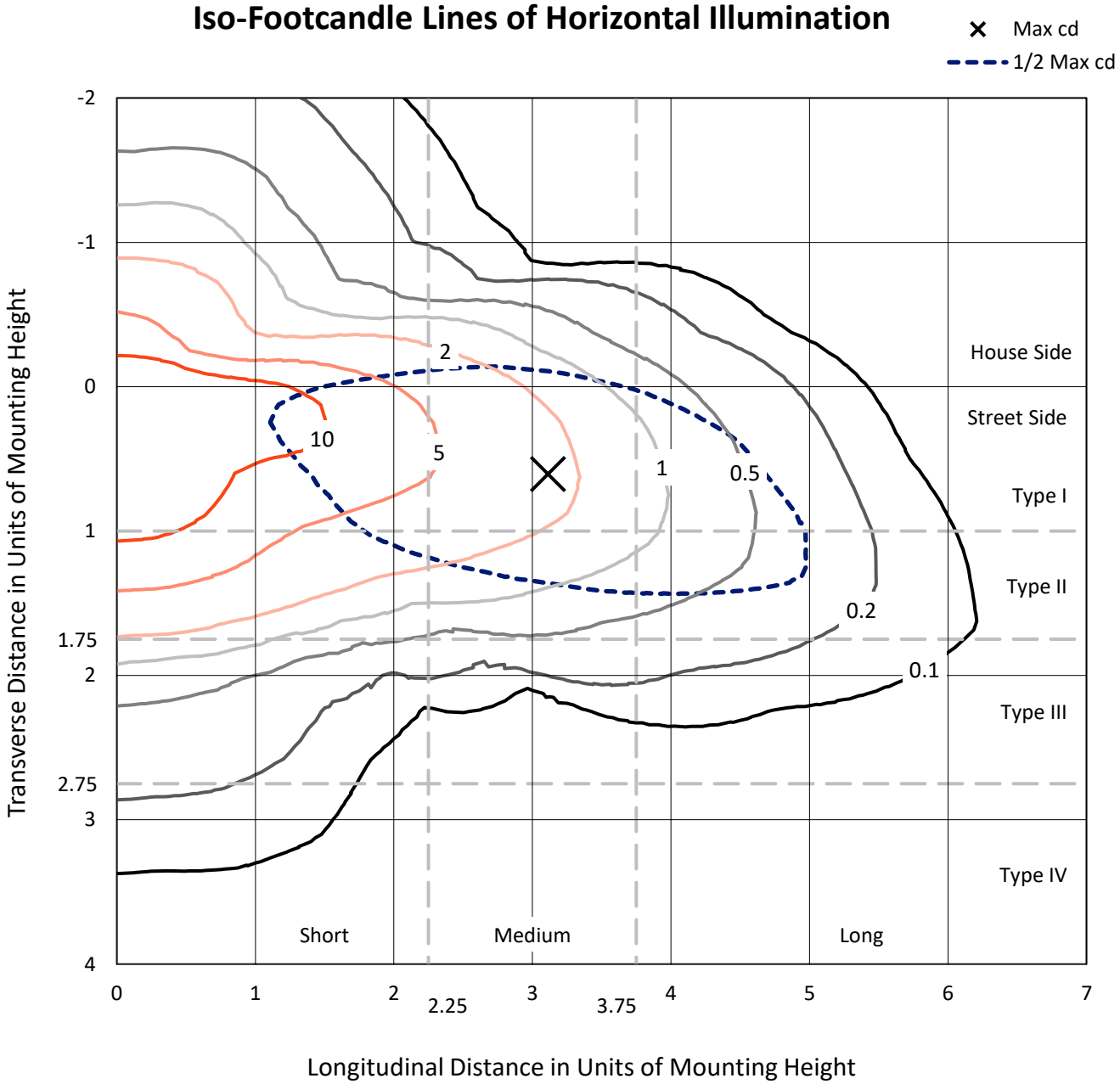


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Iso-Footcandle Lines of Horizontal Illumination



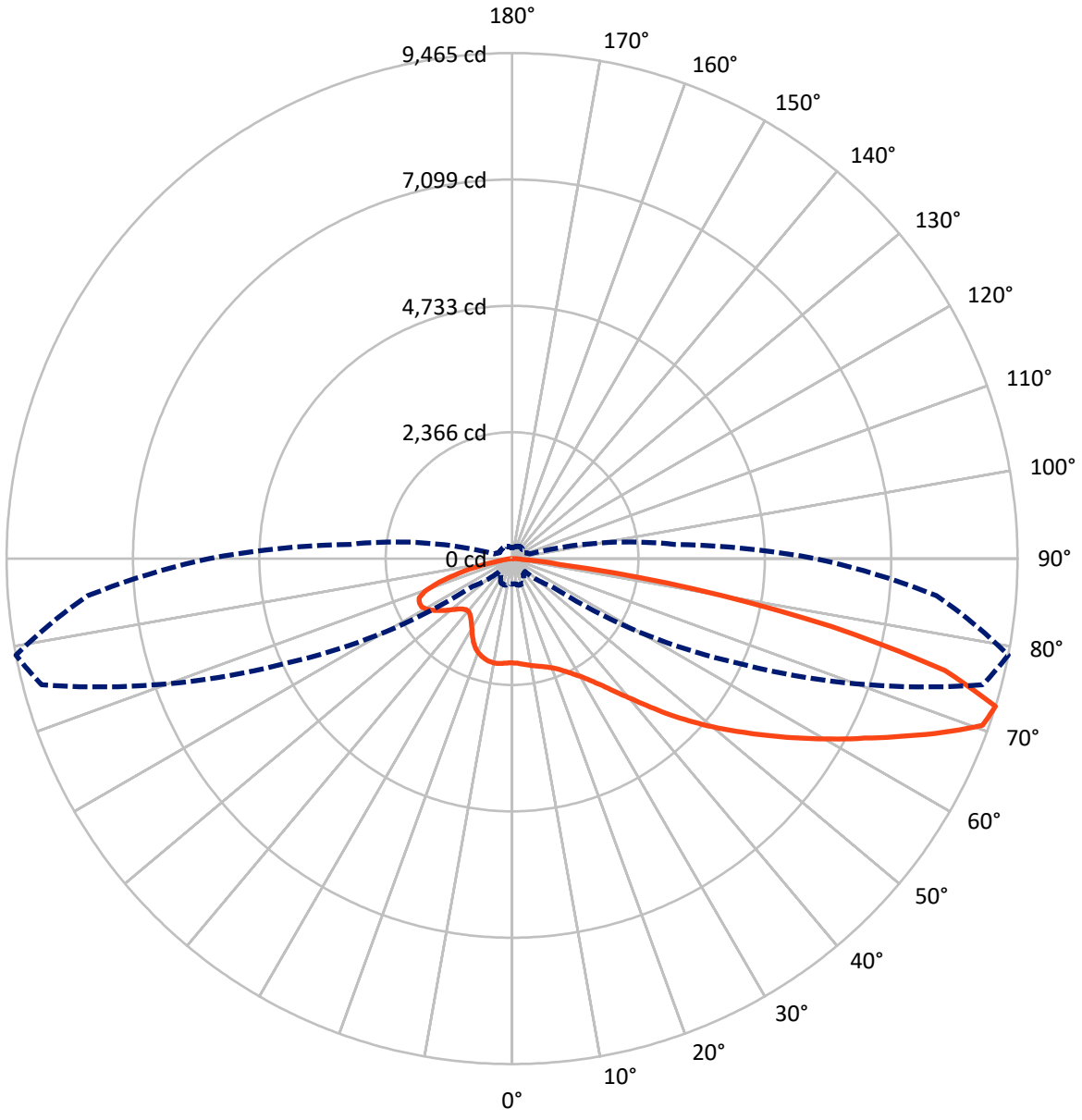
Based on 10 foot mounting height. Maximum calculated value = 19.6 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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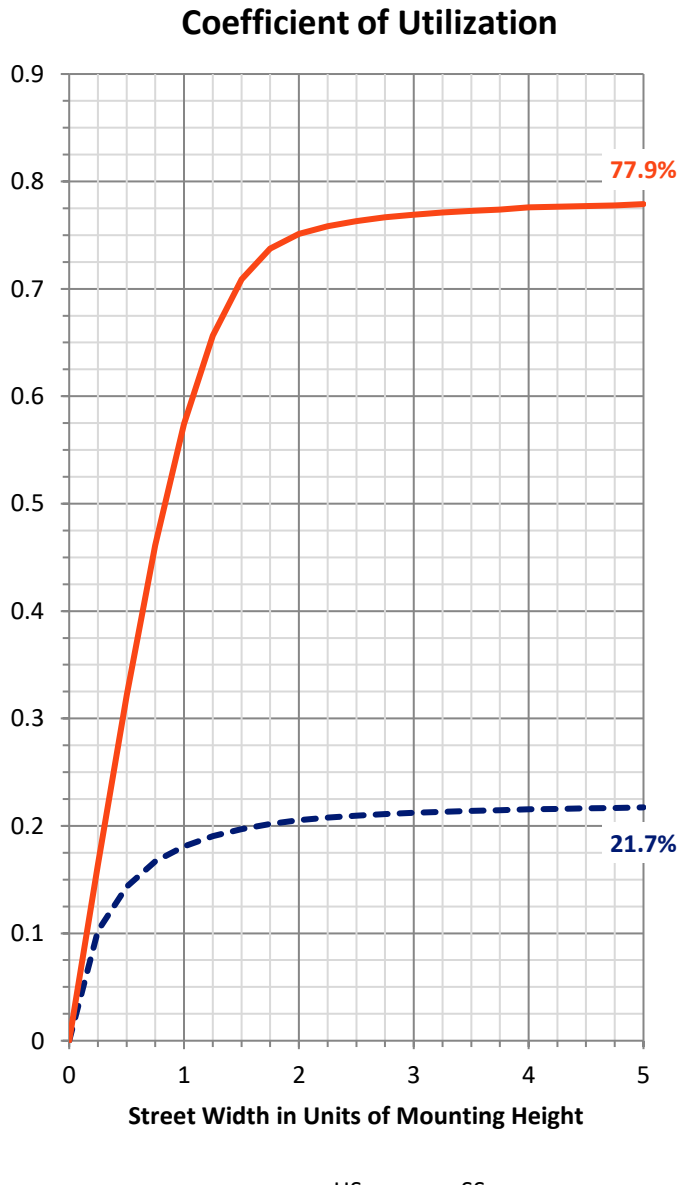
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2141.4	0.0	2141.4
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	7589.6	0.0	7589.6
	% Fixture	78.0	0.0	78.0
Total	Lumens	9731.0	0.0	9731.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.3	1.8
10°-20°	463.6	4.8
20°-30°	748.0	7.7
30°-40°	1122.7	11.5
40°-50°	1592.6	16.4
50°-60°	2011.3	20.7
60°-70°	2042.7	21.0
70°-80°	1392.2	14.3
80°-90°	180.6	1.9
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°	9731.0	100.0
0°-180°	9731.0	100.0



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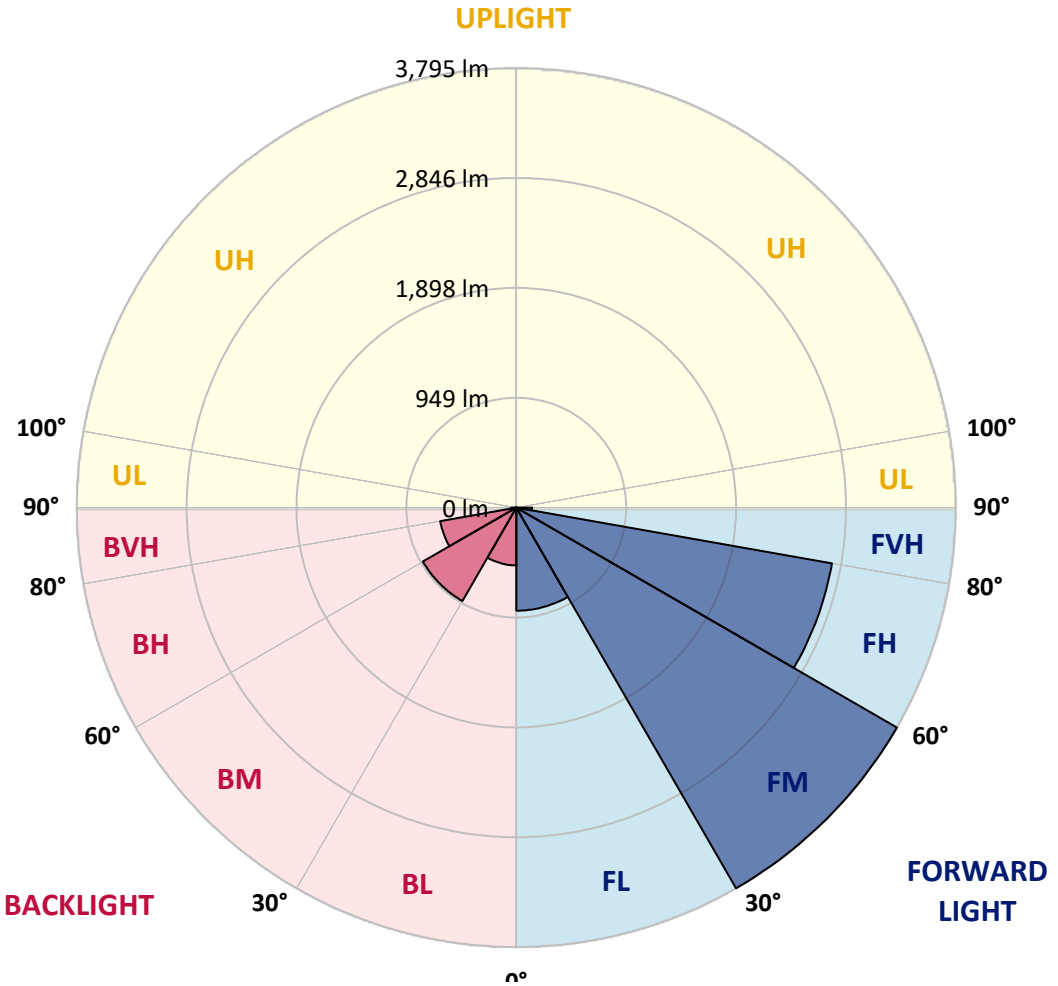
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	890.2	9.1			
FM	(30°-60°)	3795.3	39.0			
FH	(60°-80°)	2768.1	28.4			G2/5000
FVH	(80°-90°)	136.1	1.4			G2/225
BL	(0°-30°)	498.8	5.1	B1/500		
BM	(30°-60°)	931.3	9.6	B1/1000		
BH	(60°-80°)	666.7	6.9	B2/1000		G2/1000
BVH	(80°-90°)	44.6	0.5			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4	*1953.4*	1953.4
2.5°	1954.4	1945.2	1950.8	1948.8	1951.3	1954.4	1955.5	1957.0	1962.2	*1961.6*	1961.1
5°	1950.3	1941.1	1948.8	1946.2	1952.9	1960.1	1966.3	1971.9	1980.2	*1983.8*	1978.6
7.5°	1941.6	1935.4	1943.1	1950.8	1963.2	1974.0	1982.7	1995.6	2007.5	*2009.5*	2013.1
10°	1890.6	1886.0	1904.0	1924.1	1958.0	1987.4	2006.4	2021.4	2034.2	*2036.3*	2041.4
12.5°	1837.6	1831.9	1852.0	1879.3	1934.4	1987.4	2027.5	2047.1	2058.4	*2065.1*	2072.8
15°	1828.8	1824.2	1835.5	1859.2	1905.0	1973.5	2041.9	2078.0	2087.8	*2095.5*	2098.6
17.5°	1871.0	1862.3	1866.9	1875.2	1901.9	1960.6	2053.3	2113.0	2127.9	*2136.1*	2136.1
20°	1968.8	1956.5	1949.3	1932.8	1928.2	1962.7	2052.2	2155.2	2174.7	*2185.0*	2187.6
22.5°	2099.1	2090.8	2075.4	2033.7	1988.4	1987.9	2071.8	2209.2	2245.8	*2255.6*	2249.4
25°	2256.6	2244.2	2224.7	2168.0	2081.1	2037.8	2104.7	2278.2	2339.5	*2342.0*	2324.0
27.5°	2437.8	2419.2	2392.5	2317.8	2200.5	2116.1	2155.2	2357.5	2447.0	*2446.0*	2408.9
30°	2628.7	2610.2	2581.9	2491.3	2343.6	2221.6	2225.2	2442.9	2574.7	*2569.0*	2505.7
32.5°	2768.2	2754.3	2748.7	2678.7	2508.3	2346.1	2305.5	2537.6	2732.2	*2727.0*	2638.5
35°	2875.3	2857.3	2864.0	2828.4	2687.9	2485.6	2403.8	2650.4	2923.7	*2923.2*	2813.0
37.5°	2981.3	2965.4	2971.0	2947.4	2854.2	2662.7	2523.7	2788.3	3161.0	*3172.3*	3024.0
40°	3078.1	3061.1	3083.8	3061.6	2983.4	2851.1	2660.1	2944.3	3435.8	*3457.5*	3279.4
42.5°	3136.3	3122.9	3160.5	3161.0	3095.6	3010.1	2809.9	3116.2	3753.9	*3802.3*	3593.3
45°	3156.3	3151.7	3208.3	3220.2	3194.9	3102.3	2944.8	3303.5	4096.7	*4183.2*	3951.1
47.5°	3134.7	3126.0	3204.2	3248.0	3268.0	3145.5	3056.5	3506.4	4446.8	*4573.4*	4341.2
50°	3025.6	3008.6	3124.9	3217.1	3288.6	3173.8	3169.2	3740.6	4844.7	*4983.1*	4733.5
52.5°	2829.5	2816.6	2948.9	3109.0	3243.3	3187.7	3295.8	3996.4	5222.5	*5401.6*	5135.5
55°	2578.8	2561.8	2707.5	2916.5	3130.6	3183.1	3422.4	4282.6	5668.2	*5849.9*	5550.9
57.5°	2181.4	2147.5	2331.7	2578.8	2946.8	3177.4	3554.2	4567.2	6121.2	*6338.9*	5994.0
60°	1601.8	1551.4	1777.4	2070.2	2587.6	3122.4	3717.4	4886.3	6664.7	*6860.9*	6477.9
62.5°	932.7	903.4	1051.1	1324.4	1950.3	2798.1	3809.0	5257.5	7199.0	*7404.9*	6953.5
65°	724.2	716.0	728.9	750.0	1085.6	2095.0	3526.4	5619.3	7878.5	*8022.6*	7449.2
67.5°	662.5	656.3	661.9	622.3	550.8	1166.9	2789.8	5710.9	8606.3	*8693.8*	7883.1
70°	588.9	581.6	600.2	566.2	433.4	530.7	1802.6	5378.4	9185.4	*9349.6*	8213.1
72.5°	*479.7*	*471.5*	*514.7*	*499.3*	*364.9*	*340.8*	*905.4*	*4588.3*	*9124.6*	*9465.4*	*7976.8*
75°	368.5	363.9	415.4	428.3	297.5	268.2	434.4	3410.6	8029.8	*8373.1*	6874.8
77.5°	286.2	282.6	308.8	355.7	239.9	208.0	267.1	2163.4	6051.2	*6111.4*	4737.6
80°	214.6	204.3	228.5	275.4	186.8	151.8	181.2	1261.6	3825.0	*3467.2*	2062.0
82.5°	134.3	129.2	149.3	183.8	131.8	104.5	117.9	696.9	1532.9	*902.8*	397.9
85°	76.7	74.6	81.3	105.0	71.5	60.2	67.4	307.8	280.0	*192.5*	119.9
87.5°	30.9	29.9	37.1	46.8	26.3	22.1	23.7	74.1	61.8	*57.1*	39.6
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°	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4	1953.4
2.5°	1959.1	1959.1	1951.9	1940.5	1927.7	1919.4	1906.1	1902.4	1888.5	1884.4	1891.1
5°	1982.7	1978.6	1956.5	1924.6	1880.8	1840.7	1796.4	1768.6	1729.5	1715.6	1725.9
7.5°	2012.6	2001.3	1963.2	1893.2	1801.6	1711.5	1617.8	1546.8	1478.8	1454.6	1457.7
10°	2039.9	2023.9	1959.1	1836.6	1678.0	1522.1	1372.8	1268.3	1189.0	1156.6	1163.8
12.5°	2067.2	2037.8	1931.8	1742.4	1502.5	1290.9	1131.9	1050.6	1001.7	962.5	975.4
15°	2092.9	2051.7	1889.6	1616.3	1310.0	1095.3	978.0	913.1	874.0	848.3	852.9
17.5°	2122.8	2063.6	1826.3	1456.2	1126.7	960.0	864.2	825.1	817.4	814.3	816.4
20°	2164.4	2074.4	1742.9	1277.0	991.9	851.9	802.5	798.9	798.3	796.8	802.0
22.5°	2209.2	2087.2	1632.7	1114.4	877.1	784.5	775.7	768.5	763.9	763.3	769.0
25°	2262.2	2091.4	1494.8	981.1	779.3	752.5	742.2	731.4	728.3	728.3	731.4
27.5°	2313.7	2077.5	1334.2	865.3	724.2	723.2	709.8	706.2	705.7	707.2	711.4
30°	2365.2	2051.2	1174.6	758.2	692.3	692.3	687.7	690.3	692.3	697.5	701.1
32.5°	2434.7	2023.4	1041.3	678.9	664.5	659.4	664.0	669.2	671.2	677.9	683.6
35°	2536.6	2003.8	935.3	635.7	635.7	629.0	631.6	630.5	625.9	622.8	630.0
37.5°	2671.5	2002.8	847.8	615.6	611.5	610.5	611.0	604.3	586.3	564.7	565.2
40°	2833.6	2030.6	780.3	601.7	598.6	604.8	601.7	583.7	534.3	496.7	495.7
42.5°	3051.3	2109.9	737.1	584.7	594.0	601.7	589.4	527.1	493.6	468.4	467.4
45°	3307.7	2238.6	715.0	566.7	585.2	594.5	534.8	507.5	480.8	450.4	448.3
47.5°	3598.0	2400.7	709.8	549.7	565.7	571.4	511.6	499.3	468.9	436.0	433.4
50°	3914.0	2592.7	723.7	529.7	537.4	517.8	503.9	492.6	461.2	428.8	425.2
52.5°	4240.9	2804.3	751.5	502.4	509.1	487.5	500.8	491.1	456.6	412.8	409.7
55°	4562.1	3017.4	778.3	470.5	480.2	460.2	492.1	484.9	435.5	386.0	383.5
57.5°	4888.4	3229.4	804.5	442.2	452.4	433.9	478.2	468.4	411.8	361.3	360.3
60°	5227.6	3435.3	816.9	414.9	422.1	409.7	457.1	440.1	385.0	336.1	334.6
62.5°	5545.2	3606.7	796.8	387.6	392.2	387.1	429.3	406.6	358.3	307.8	307.3
65°	5863.8	3708.6	735.0	360.8	361.9	359.3	390.2	370.6	326.9	283.1	280.0
67.5°	6152.6	3765.8	636.7	332.0	329.4	328.4	353.6	331.5	296.5	258.4	255.3
70°	6213.8	3620.6	486.4	298.0	298.0	295.5	313.5	290.8	263.0	232.1	231.1
72.5°	*5675.4*	*3045.7*	*345.4*	*259.4*	*263.5*	*258.4*	*273.3*	*254.3*	*229.1*	*208.5*	*202.3*
75°	4576.5	2233.4	251.2	219.8	227.0	218.2	232.1	218.8	197.1	196.6	177.1
77.5°	3144.5	1381.0	182.2	181.2	186.3	175.0	191.0	183.8	164.2	155.4	145.7
80°	1341.9	550.8	132.8	140.0	140.0	129.7	148.2	150.3	133.3	129.2	129.2
82.5°	267.1	156.5	93.2	96.3	90.6	87.5	105.0	116.3	160.6	178.6	179.1
85°	80.3	57.6	56.1	52.5	46.3	46.8	61.8	116.8	144.1	82.4	71.0
87.5°	22.1	14.4	14.9	11.8	9.8	12.9	21.1	88.5	48.4	20.6	17.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)