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: P1198414

Luminaire Tested: GPC-SB1C-827-U-T2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198414
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-827-U-T2-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4781 lumens
Efficiency:	N/A
Efficacy:	87.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

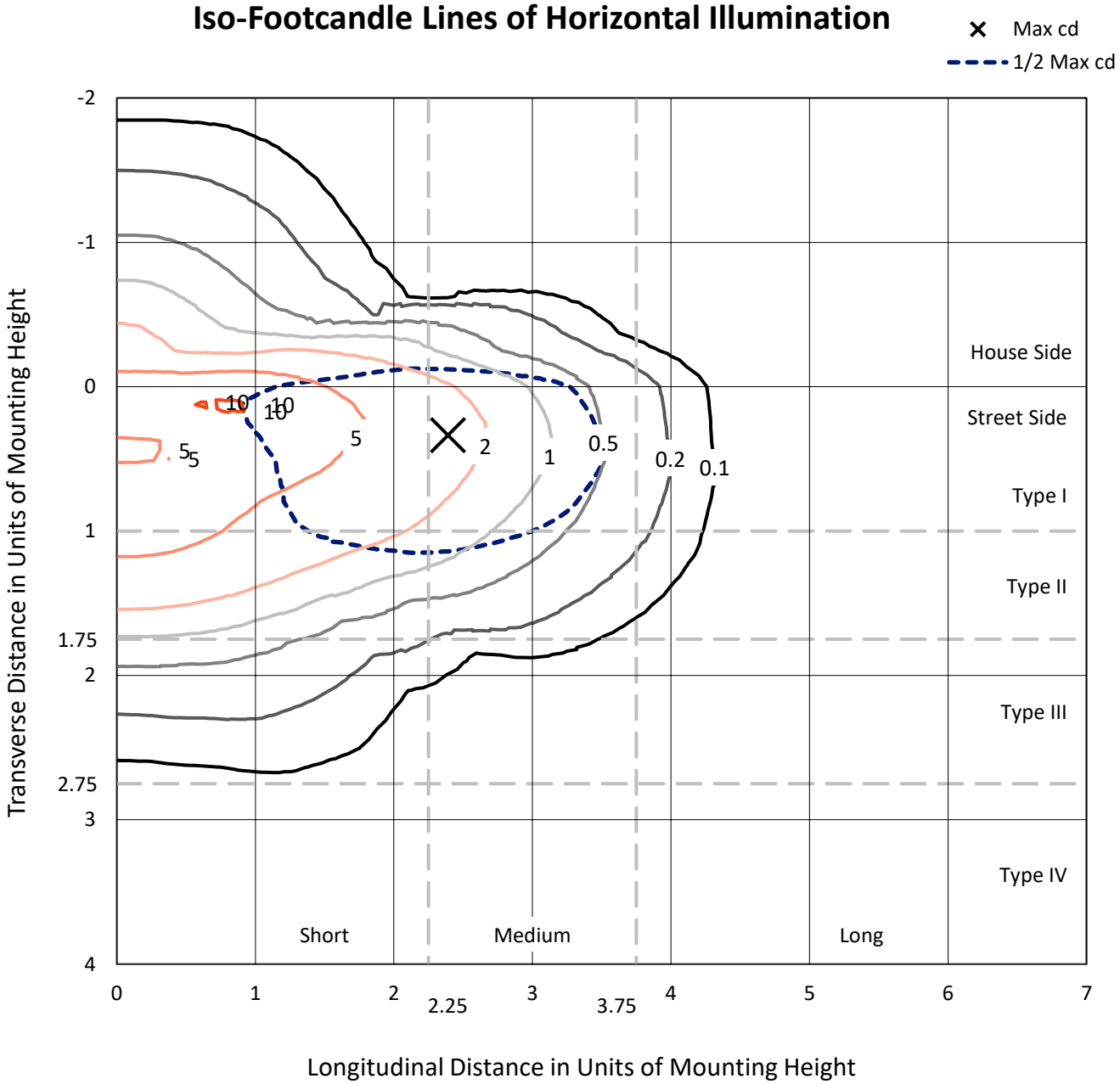


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Iso-Footcandle Lines of Horizontal Illumination



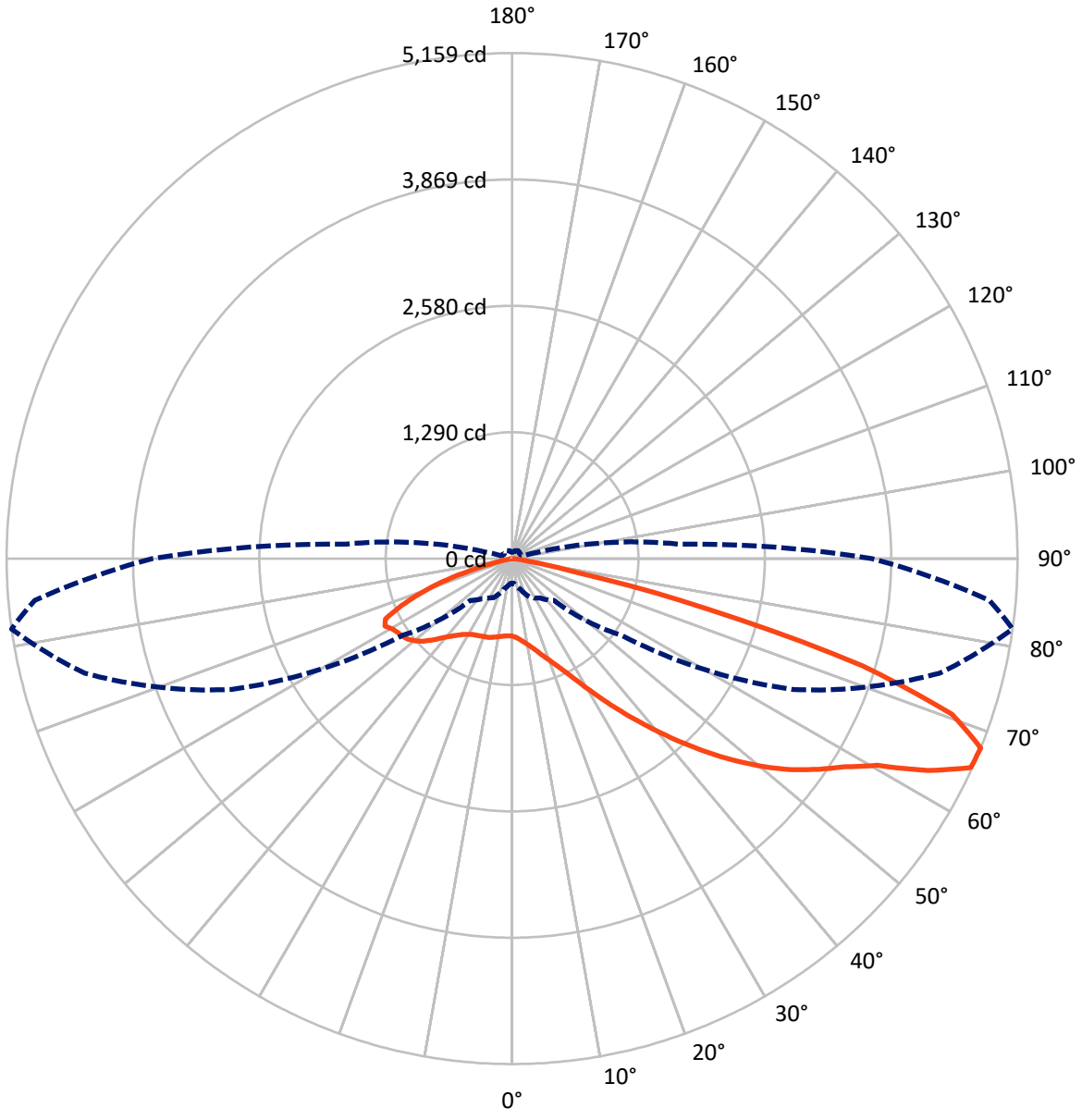
Based on 10 foot mounting height. Maximum calculated value = 10.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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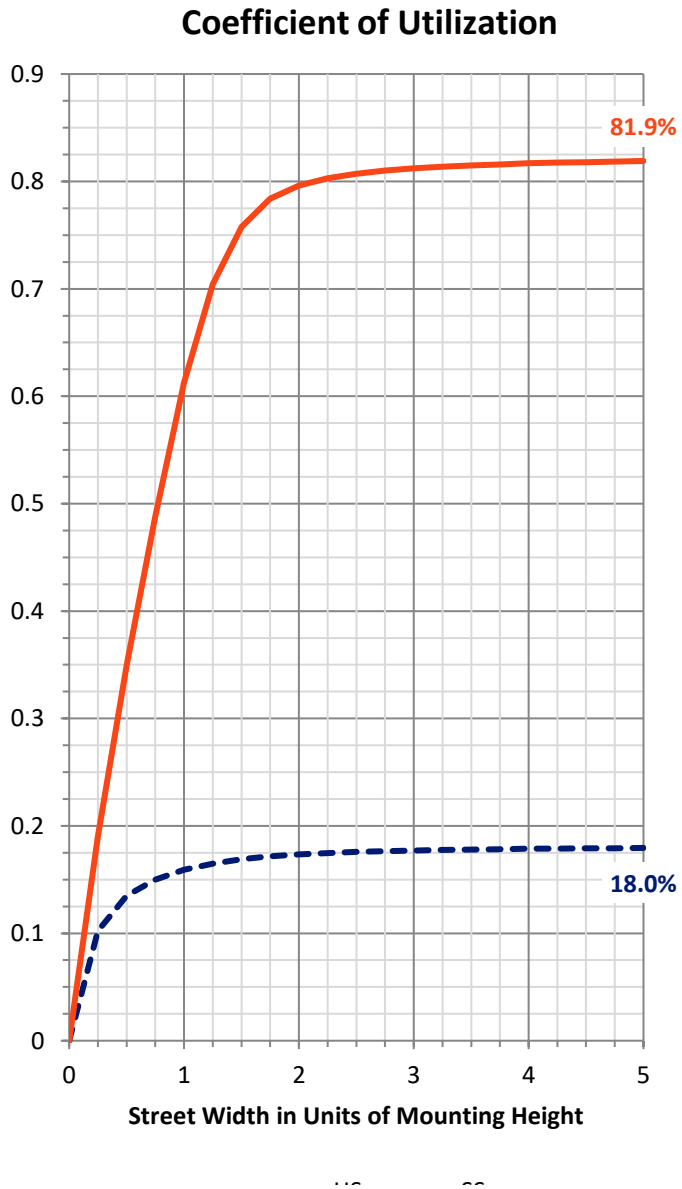
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	866.0	0.0	866.0
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	3915.0	0.0	3915.0
	% Fixture	81.9	0.0	81.9
Total	Lumens	4781.0	0.0	4781.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.6	1.5
10°-20°	183.4	3.8
20°-30°	293.7	6.1
30°-40°	519.4	10.9
40°-50°	910.0	19.0
50°-60°	1213.6	25.4
60°-70°	1129.8	23.6
70°-80°	433.6	9.1
80°-90°	26.9	0.6
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°	4781.0	100.0
0°-180°	4781.0	100.0



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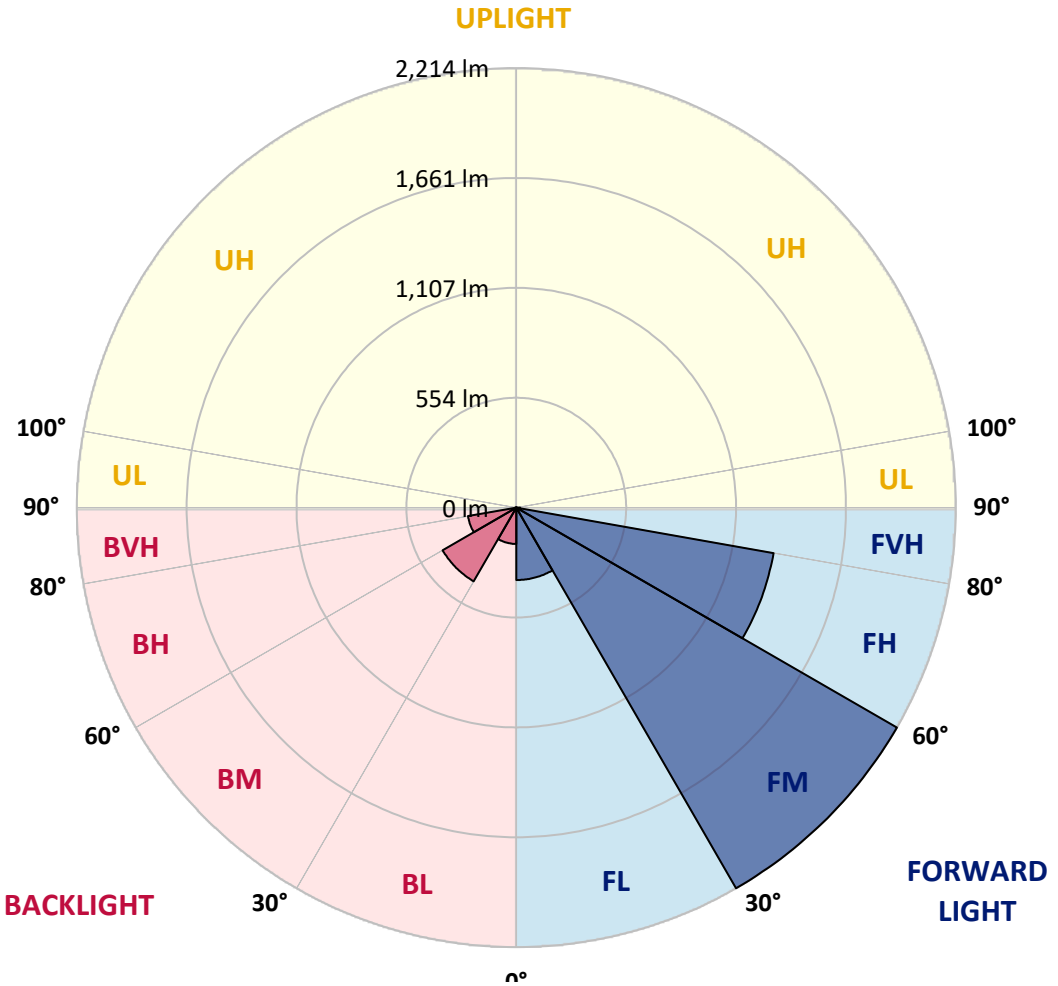
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	364.7	7.6			
FM	(30°-60°)	2214.4	46.3			
FH	(60°-80°)	1316.3	27.5			G1/1800
FVH	(80°-90°)	19.6	0.4			G1/100
BL	(0°-30°)	182.9	3.8	B1/500		
BM	(30°-60°)	428.6	9.0	B1/1000		
BH	(60°-80°)	247.2	5.2	B1/500		G1/500
BVH	(80°-90°)	7.3	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	*792.0*	792.0
2.5°	837.1	842.0	839.2	837.8	835.4	832.0	829.2	820.6	811.7	*805.8*	803.8
5°	854.0	858.8	858.5	859.9	861.6	862.6	861.9	852.3	839.6	*829.6*	823.7
7.5°	839.6	845.1	849.5	856.4	868.5	881.2	887.4	885.3	872.3	*858.5*	851.3
10°	798.6	804.4	815.1	831.3	856.8	884.3	907.4	918.0	909.8	*894.6*	884.6
12.5°	723.6	729.4	750.4	785.5	828.2	876.0	920.1	948.7	950.7	*935.6*	923.9
15°	639.2	645.1	667.4	711.5	776.6	853.3	927.0	981.0	999.3	*986.2*	972.1
17.5°	586.9	592.1	608.9	644.4	712.2	807.9	924.6	1015.4	1057.1	*1046.8*	1029.9
20°	571.1	575.5	583.5	608.2	664.7	760.7	908.7	1047.8	1119.4	*1113.6*	1094.6
22.5°	587.9	592.1	594.5	605.5	640.9	729.7	888.8	1080.9	1191.7	*1192.4*	1169.3
25°	626.8	631.0	628.2	635.1	650.6	720.1	881.2	1119.7	1282.6	*1290.1*	1264.0
27.5°	690.8	691.2	684.7	684.3	686.7	734.6	889.1	1161.4	1397.2	*1411.3*	1378.9
30°	819.2	814.1	789.0	761.8	749.4	777.9	911.1	1210.6	1532.5	*1557.6*	1517.0
32.5°	1017.2	1009.6	963.5	898.4	833.0	847.8	950.7	1266.7	1679.8	*1725.2*	1675.7
35°	1232.0	1229.9	1181.7	1085.0	970.7	947.3	1015.1	1340.4	1840.5	*1912.8*	1854.0
37.5°	1431.6	1430.6	1403.0	1289.1	1150.0	1086.0	1118.4	1436.8	2012.7	*2117.3*	2047.8
40°	1614.0	1617.1	1589.6	1487.7	1347.6	1264.0	1258.8	1555.9	2204.0	*2340.0*	2257.4
42.5°	1771.7	1775.1	1747.3	1671.9	1542.8	1460.9	1431.3	1701.8	2391.0	*2579.2*	2481.5
45°	1878.8	1900.1	1896.0	1835.7	1743.1	1658.1	1638.5	1884.9	2604.0	*2832.9*	2718.3
47.5°	1909.0	1928.7	1959.6	1967.9	1911.5	1827.8	1851.2	2105.6	2819.5	*3087.0*	2956.5
50°	1834.3	1852.6	1917.0	2002.7	2041.9	2016.1	2058.1	2342.1	3040.1	*3340.3*	3190.2
52.5°	1687.0	1705.6	1786.8	1922.5	2082.5	2163.8	2265.7	2575.1	3253.9	*3580.2*	3411.6
55°	1473.9	1493.6	1597.9	1751.4	2005.1	2224.7	2438.8	2807.8	3449.8	*3796.1*	3611.2
57.5°	1184.1	1198.6	1307.0	1521.8	1810.3	2164.1	2566.5	3061.8	3634.3	*4008.1*	3809.1
60°	771.7	784.5	910.5	1150.0	1487.4	1961.7	2592.0	3345.1	3879.4	*4283.8*	4075.9
62.5°	513.2	521.8	596.5	772.4	1047.5	1573.1	2442.9	3571.3	4238.7	*4763.7*	4533.4
65°	352.1	360.7	435.4	558.0	676.7	1040.6	2014.4	3541.3	4564.4	*5144.7*	4872.4
67.5°	*251.3*	*258.5*	*321.8*	*437.5*	*489.8*	*604.5*	*1365.5*	*3158.6*	*4517.5*	*5159.2*	*4890.7*
70°	180.0	184.2	236.5	340.8	389.3	363.2	759.3	2415.7	3955.4	*4764.0*	4518.2
72.5°	126.0	127.4	164.2	259.5	313.6	265.0	361.4	1610.6	2991.6	*3739.3*	3502.8
75°	85.4	87.1	110.5	190.4	251.6	202.4	191.4	863.6	1756.2	*2069.8*	1855.3
77.5°	52.3	53.0	71.3	130.1	188.3	154.2	123.2	365.9	679.5	*667.1*	568.7
80°	29.6	29.6	45.4	80.9	128.4	99.5	86.4	155.6	215.1	*189.0*	166.6
82.5°	16.5	16.9	33.0	50.3	85.0	58.9	47.5	71.9	92.9	*82.3*	71.6
85°	6.9	7.6	20.3	23.8	40.6	29.3	19.3	30.3	34.4	*30.6*	22.4
87.5°	0.7	1.0	6.2	4.5	4.8	5.9	2.8	5.9	4.8	*4.8*	3.4
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°	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0	792.0
2.5°	797.2	792.0	779.0	763.8	743.9	734.2	721.1	712.2	704.6	705.3	698.4
5°	812.7	799.6	770.4	733.9	688.4	656.1	621.7	597.9	578.6	574.5	565.2
7.5°	834.0	813.4	762.1	696.4	619.6	561.4	509.4	476.1	452.3	444.7	437.2
10°	861.6	831.6	751.4	649.2	538.7	464.7	408.9	382.8	366.6	361.1	357.0
12.5°	893.6	852.6	737.3	591.7	455.4	384.1	348.7	335.6	330.5	328.7	327.7
15°	933.9	878.8	716.0	523.6	384.8	334.9	319.8	318.1	318.7	318.1	317.7
17.5°	981.7	907.4	681.2	453.3	337.3	309.8	304.3	305.7	307.4	307.0	306.4
20°	1034.0	935.6	636.8	391.0	305.0	291.9	288.8	290.2	291.6	290.9	290.5
22.5°	1093.6	965.9	587.6	342.5	283.3	275.4	271.9	272.3	272.3	270.9	270.2
25°	1164.8	999.3	536.0	308.1	266.8	260.6	256.4	255.1	253.0	248.9	248.2
27.5°	1249.9	1034.7	486.4	284.0	253.7	247.8	243.0	239.6	234.4	227.5	226.8
30°	1345.6	1077.8	444.4	268.8	243.4	237.5	232.0	226.8	219.3	210.7	210.0
32.5°	1458.1	1123.9	413.8	258.9	234.1	227.9	221.3	215.1	206.9	198.3	198.6
35°	1592.4	1179.6	395.9	252.0	226.8	218.6	211.4	204.5	198.3	190.7	190.0
37.5°	1738.0	1238.8	390.3	248.5	222.0	209.3	201.0	196.2	195.5	191.0	190.7
40°	1897.3	1309.1	394.5	246.5	216.9	200.3	191.4	190.4	192.1	184.2	184.5
42.5°	2066.0	1392.4	401.4	244.1	209.6	191.4	182.8	182.8	181.4	170.4	170.4
45°	2248.4	1488.4	408.2	238.2	201.0	182.4	175.9	173.5	167.6	157.0	156.6
47.5°	2432.3	1586.2	413.4	227.5	190.7	174.9	169.0	163.5	154.9	145.3	144.9
50°	2606.8	1673.9	407.9	211.7	179.0	167.6	161.4	153.9	144.6	138.0	137.0
52.5°	2762.7	1750.0	384.5	193.1	166.6	160.1	154.6	146.6	139.1	132.2	131.5
55°	2898.3	1811.6	343.2	175.6	155.6	153.5	148.0	138.0	127.7	121.9	121.2
57.5°	3028.4	1858.4	291.6	161.1	145.6	146.3	138.0	129.1	119.4	113.2	112.6
60°	3201.6	1921.1	239.2	147.7	134.9	137.0	128.0	121.5	109.5	101.5	100.5
62.5°	3478.3	2018.5	190.0	131.1	122.5	123.2	119.4	111.5	97.1	87.8	87.1
65°	3698.0	1982.7	149.7	113.2	108.4	109.5	109.5	100.9	85.4	74.7	73.7
67.5°	*3673.2*	*1697.7*	*119.4*	*95.7*	*95.0*	*95.7*	*98.1*	*90.9*	*75.7*	*67.1*	*65.7*
70°	3383.7	1350.4	95.7	79.5	82.6	80.9	87.8	83.0	68.2	59.6	58.5
72.5°	2761.0	972.8	73.0	65.7	63.3	66.1	79.2	74.7	56.8	47.2	46.1
75°	1613.4	519.1	54.4	52.0	45.8	55.1	70.2	63.7	43.4	34.8	33.7
77.5°	525.3	181.1	39.9	38.2	34.1	44.4	59.9	53.7	35.5	27.5	26.5
80°	140.8	54.7	27.2	25.1	22.0	33.0	47.5	42.7	25.5	17.9	17.6
82.5°	56.5	23.1	15.8	14.1	12.0	22.7	37.5	34.4	18.9	11.4	11.4
85°	18.2	7.6	5.9	4.5	5.5	14.1	22.4	23.4	13.4	5.9	4.5
87.5°	2.4	1.0	1.0	1.4	1.0	2.4	6.9	6.5	3.8	0.7	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


HS
SS

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(END OF REPORT)