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: P1200684

Luminaire Tested: GPC-SB2D-735-U-T2R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200684
	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-SB2D-735-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II ROADWAY OPTIC
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20724 lumens
Efficiency:	N/A
Efficacy:	140.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - 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

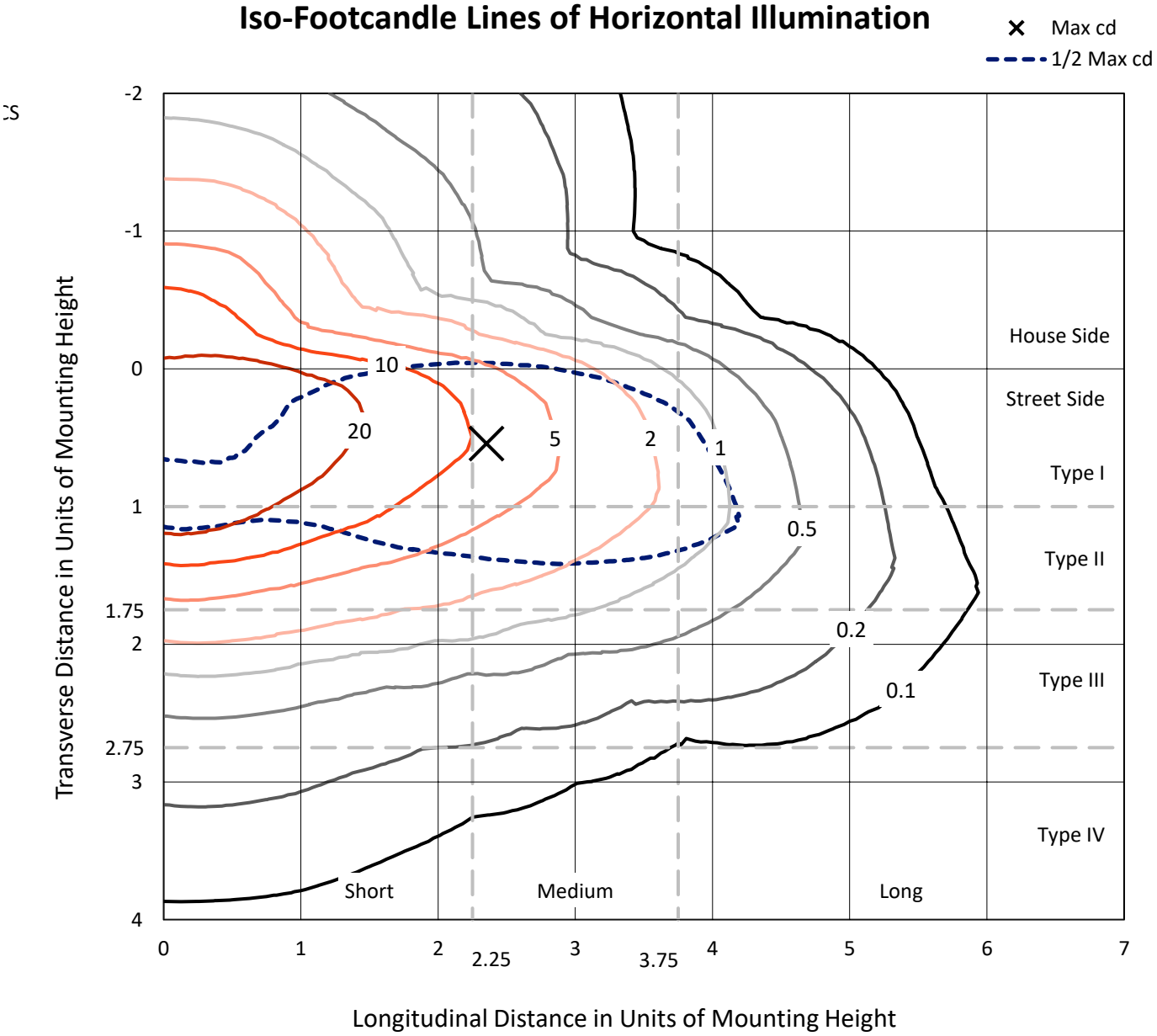


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Iso-Footcandle Lines of Horizontal Illumination



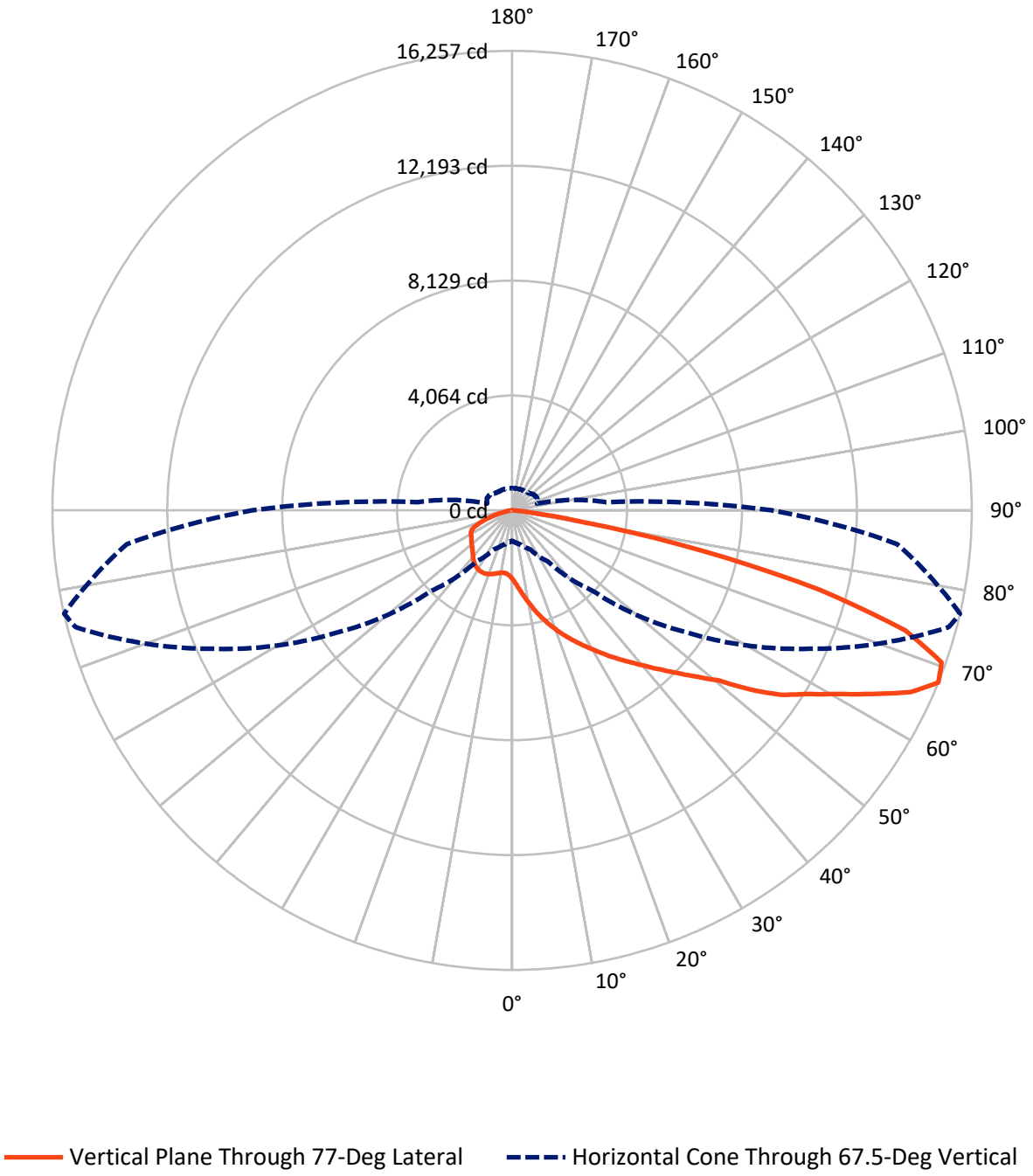
Based on 10 foot mounting height. Maximum calculated value = 47.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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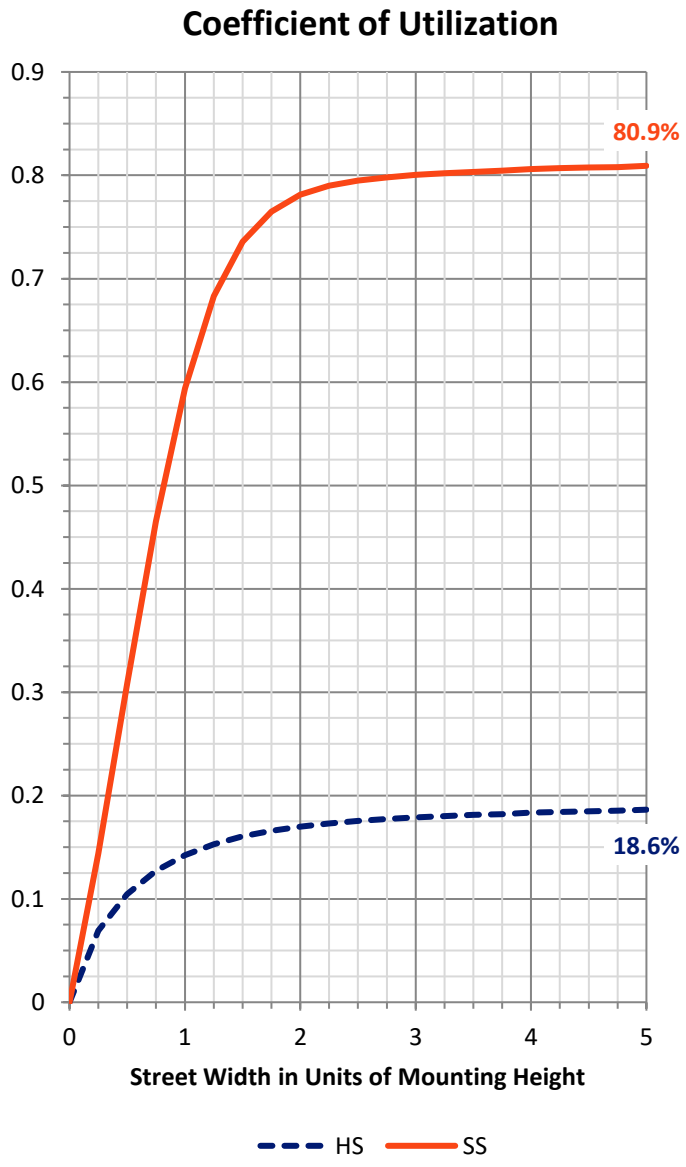
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3920.1	0.0	3920.1
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	16803.8	0.0	16803.8
	% Fixture	81.1	0.0	81.1
Total	Lumens	20724.0	0.0	20724.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.6	1.3
10°-20°	936.3	4.5
20°-30°	1767.9	8.5
30°-40°	2848.1	13.7
40°-50°	3895.6	18.8
50°-60°	4394.3	21.2
60°-70°	4101.5	19.8
70°-80°	2248.3	10.8
80°-90°	271.2	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°	20724.0	100.0
0°-180°	20724.0	100.0



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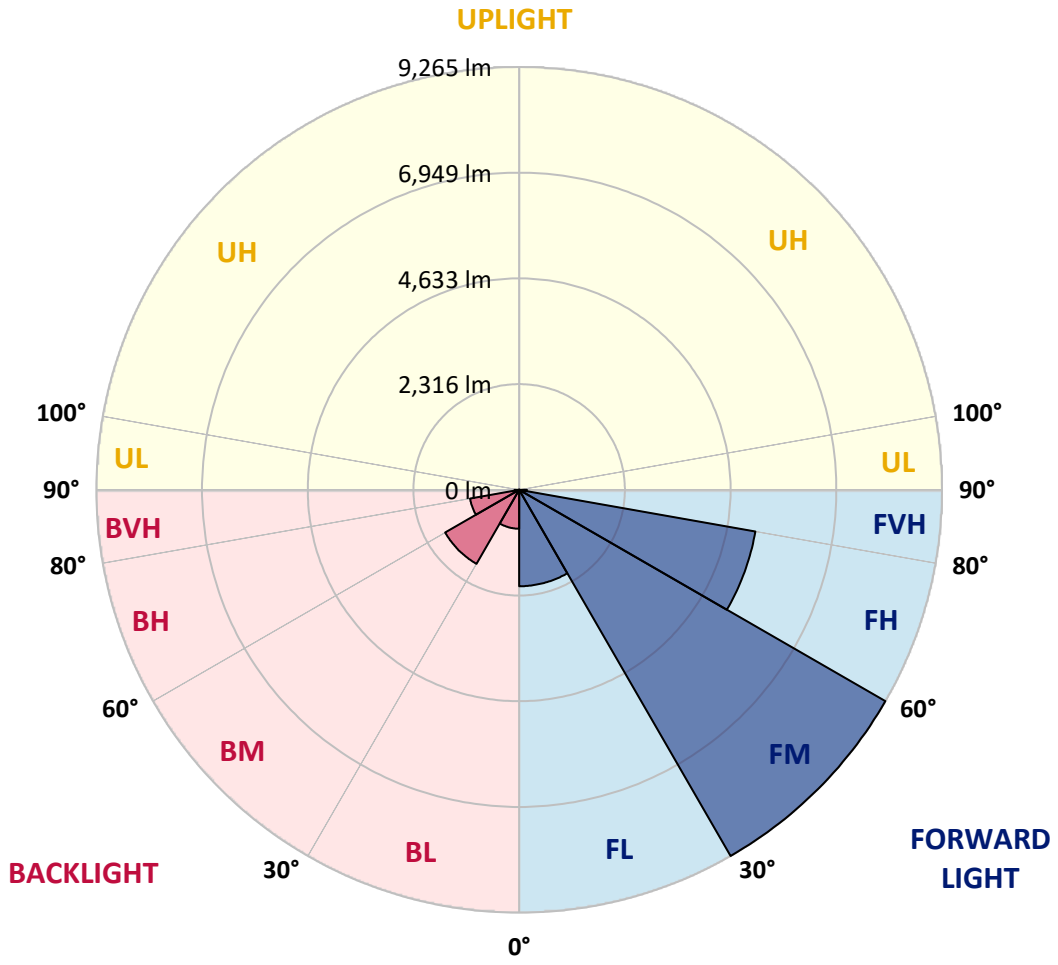
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2112.6	10.2			
FM	(30°-60°)	9265.5	44.7			
FH	(60°-80°)	5256.2	25.4			G3/7500
FVH	(80°-90°)	169.6	0.8			G2/225
BL	(0°-30°)	852.3	4.1	B2/1000		
BM	(30°-60°)	1872.6	9.0	B2/2500		
BH	(60°-80°)	1093.7	5.3	B3/2500		G3/2500
BVH	(80°-90°)	101.6	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6	*2431.6*	2431.6
2.5°	3044.5	3065.9	3039.2	3039.2	2949.3	2902.3	2812.4	2743.9	2620.9	*2599.5*	2518.2
5°	3598.7	3625.4	3588.0	3571.9	3466.0	3368.7	3217.8	3069.1	2849.8	*2827.4*	2635.9
7.5°	4027.7	4061.9	4028.7	4011.6	3917.5	3808.4	3631.8	3424.3	3115.1	*3071.3*	2794.2
10°	4377.5	4382.8	4372.1	4378.5	4304.7	4214.9	4034.1	3792.3	3406.1	*3346.2*	2985.7
12.5°	4575.4	4600.0	4621.4	4659.9	4647.0	4591.4	4428.8	4140.0	3714.2	*3637.2*	3194.3
15°	4668.4	4711.2	4759.4	4848.2	4919.8	4933.7	4809.6	4513.3	4027.7	*3934.6*	3405.1
17.5°	4701.6	4742.3	4818.2	4946.6	5100.6	5204.4	5148.8	4876.0	4337.9	*4230.9*	3626.5
20°	4869.6	4881.3	4927.3	5049.3	5216.2	5388.4	5430.1	5224.7	4644.9	*4524.0*	3855.4
22.5°	5229.0	5205.5	5218.3	5273.9	5393.7	5560.6	5655.8	5532.8	4960.5	*4821.4*	4086.5
25°	5822.7	5754.2	5685.8	5621.6	5682.6	5776.7	5884.8	5840.9	5291.0	*5114.5*	4319.7
27.5°	6572.6	6489.2	6338.3	6127.6	6053.8	6086.9	6135.1	6126.5	5597.0	*5418.3*	4560.4
30°	7310.8	7213.4	7033.7	6728.8	6534.1	6446.4	6410.0	6385.4	5929.7	*5739.3*	4803.2
32.5°	7900.2	7823.2	7646.7	7305.4	7023.0	6873.2	6752.3	6664.6	6277.4	*6086.9*	5060.0
35°	8415.8	8344.1	8142.0	7769.7	7462.7	7303.3	7144.9	6957.7	6638.9	*6446.4*	5336.0
37.5°	8886.5	8814.8	8537.8	8150.5	7841.4	7731.2	7590.0	7272.2	7001.6	*6819.7*	5628.0
40°	9183.9	9167.9	8909.0	8470.4	8149.4	8094.9	8047.8	7637.0	7403.8	*7234.8*	5948.9
42.5°	9259.9	9295.2	9089.8	8729.3	8423.3	8379.4	8489.6	8050.0	7855.3	*7693.7*	6312.7
45°	9076.9	9178.6	9043.8	8798.8	8618.0	8594.5	8881.2	8501.4	8354.8	*8207.2*	6751.3
47.5°	8613.7	8786.0	8730.3	8696.1	8670.4	8772.0	9225.6	8980.7	8920.7	*8792.4*	7251.9
50°	7678.8	8005.0	8102.4	8318.5	8566.7	8910.0	9539.1	9503.8	9581.9	*9452.4*	7861.7
52.5°	6062.3	6511.6	7076.5	7617.8	8247.9	8864.0	9883.5	10254.7	10584.2	*10513.6*	8830.9
55°	5004.3	5206.5	5640.9	6633.6	7629.5	8670.4	10038.6	10861.3	11579.1	*11516.0*	9565.8
57.5°	4191.3	4372.1	4639.6	5468.6	6694.6	8230.7	10134.9	11231.4	12260.5	*12254.1*	10291.1
60°	3319.5	3511.0	3784.8	4372.1	5602.3	7471.2	10113.5	11652.9	13130.3	*13183.7*	11175.8
62.5°	2335.3	2546.0	2849.8	3397.6	4486.6	6487.0	9677.1	11957.8	14154.0	*14299.5*	12240.2
65°	1535.1	1674.2	1903.1	2375.9	3343.0	5221.5	8843.7	11997.4	15249.5	*15495.5*	13239.4
67.5°	*1076.2*	*1129.7*	*1264.5*	*1521.2*	*2203.7*	*4004.1*	*7516.1*	*11587.7*	*15980.1*	*16257.2*	*13672.6*
70°	839.8	866.5	935.0	1037.7	1384.3	2692.6	5759.6	10522.2	15823.9	*16112.8*	13220.1
72.5°	725.3	751.0	776.6	789.5	928.6	1662.4	3901.4	8797.7	14353.0	*14548.8*	11494.6
75°	657.9	664.3	685.7	681.4	708.2	1078.3	2251.8	6410.0	11324.5	*11257.1*	8485.4
77.5°	553.1	561.6	596.9	591.6	629.0	737.1	1169.2	4136.8	7341.8	*6883.9*	4723.0
80°	468.6	472.8	511.3	504.9	546.6	533.8	596.9	2108.5	3114.1	*2638.0*	1361.8
82.5°	162.6	201.1	390.5	402.2	417.2	323.1	344.5	860.1	951.0	*728.5*	285.6
85°	79.2	84.5	199.0	282.4	281.3	162.6	168.0	307.0	299.5	*235.3*	95.2
87.5°	12.8	16.0	23.5	110.2	87.7	42.8	57.8	59.9	62.0	*53.5*	21.4
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°	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6	2431.6
2.5°	2458.3	2404.8	2292.5	2188.7	2107.4	2029.3	1985.5	1948.0	1926.6	1922.4	1922.4
5°	2524.6	2414.5	2210.1	2037.9	1925.6	1842.1	1798.3	1770.5	1756.5	1748.0	1746.9
7.5°	2619.8	2458.3	2167.3	1971.6	1853.9	1794.0	1771.5	1767.2	1766.2	1767.2	1770.5
10°	2751.4	2530.0	2163.1	1955.5	1857.1	1823.9	1822.9	1823.9	1828.2	1829.3	1830.4
12.5°	2893.7	2603.8	2180.2	1969.4	1897.8	1879.6	1876.4	1875.3	1878.5	1880.6	1881.7
15°	3048.8	2701.1	2209.1	1999.4	1942.7	1923.4	1920.2	1913.8	1912.7	1911.7	1910.6
17.5°	3208.2	2797.4	2241.2	2031.5	1971.6	1944.8	1933.1	1918.1	1906.3	1903.1	1906.3
20°	3369.8	2892.6	2263.6	2047.5	1973.7	1936.3	1912.7	1887.1	1866.7	1855.0	1859.2
22.5°	3542.0	2992.1	2277.5	2043.2	1954.5	1903.1	1860.3	1830.4	1799.3	1779.0	1780.1
25°	3709.9	3078.8	2276.5	2020.8	1917.0	1851.8	1797.2	1758.7	1715.9	1694.5	1694.5
27.5°	3871.5	3156.9	2249.7	1981.2	1863.5	1790.8	1725.5	1679.5	1637.8	1617.5	1616.4
30°	4038.4	3222.1	2208.0	1923.4	1800.4	1720.2	1648.5	1608.9	1571.5	1552.2	1551.2
32.5°	4204.2	3282.0	2149.2	1851.8	1727.7	1650.6	1580.0	1543.7	1521.2	1521.2	1522.3
35°	4379.6	3323.8	2071.1	1768.3	1650.6	1576.8	1521.2	1499.8	1497.7	1484.8	1481.6
37.5°	4564.7	3350.5	1975.9	1682.7	1574.7	1505.2	1488.0	1462.4	1441.0	1413.2	1408.9
40°	4759.4	3377.2	1861.4	1593.9	1494.5	1455.9	1448.5	1414.2	1353.2	1284.8	1275.2
42.5°	4995.8	3395.4	1742.6	1505.2	1409.9	1397.1	1407.8	1349.0	1251.6	1200.3	1201.3
45°	5269.6	3425.4	1633.5	1417.4	1323.3	1323.3	1368.2	1291.2	1211.0	1178.9	1184.2
47.5°	5624.8	3494.9	1531.9	1321.2	1243.1	1264.5	1280.5	1221.7	1176.7	1137.2	1136.1
50°	6138.3	3661.8	1427.1	1223.8	1182.1	1224.9	1202.4	1168.2	1115.8	1083.7	1080.5
52.5°	6775.9	3760.2	1334.0	1136.1	1129.7	1172.5	1140.4	1108.3	1068.7	1025.9	1017.3
55°	7210.2	3778.4	1255.9	1071.9	1094.4	1090.1	1078.3	1049.4	1028.0	971.3	972.4
57.5°	7695.9	3814.8	1191.7	1033.4	1071.9	1024.8	1020.6	995.9	968.1	929.6	916.8
60°	8276.7	3871.5	1136.1	1018.4	1052.6	982.0	960.6	951.0	923.2	903.9	909.3
62.5°	8910.0	3922.8	1079.4	1020.6	1030.2	940.3	908.2	905.0	887.9	881.5	881.5
65°	9342.2	3782.7	1008.8	1018.4	994.9	897.5	856.9	855.8	841.9	839.8	838.7
67.5°	*9191.4*	*3338.7*	*913.6*	*988.5*	*958.5*	*854.7*	*809.8*	*805.5*	*787.3*	*788.4*	*788.4*
70°	8436.1	2705.4	782.0	914.6	913.6	816.2	760.6	746.7	722.1	726.4	730.6
72.5°	7019.8	2004.7	605.5	791.6	841.9	780.9	703.9	681.4	650.4	654.7	653.6
75°	5069.6	1362.9	440.7	602.3	732.8	739.2	648.3	609.8	572.3	578.7	580.9
77.5°	2594.2	772.4	324.1	415.1	575.5	671.8	598.0	546.6	538.1	598.0	589.4
80°	846.2	387.3	224.7	291.0	377.6	549.9	524.2	465.3	463.2	477.1	409.7
82.5°	252.5	163.7	144.4	191.5	208.6	421.5	452.5	352.0	302.7	318.8	329.5
85°	86.7	79.2	82.4	95.2	99.5	247.1	316.6	233.2	220.4	242.8	239.6
87.5°	20.3	27.8	23.5	21.4	21.4	59.9	123.0	97.3	134.8	89.9	86.7
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)