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: P1197832

Luminaire Tested: GPC-SB1B-735-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197832
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-735-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5812 lumens
Efficiency:	N/A
Efficacy:	146.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

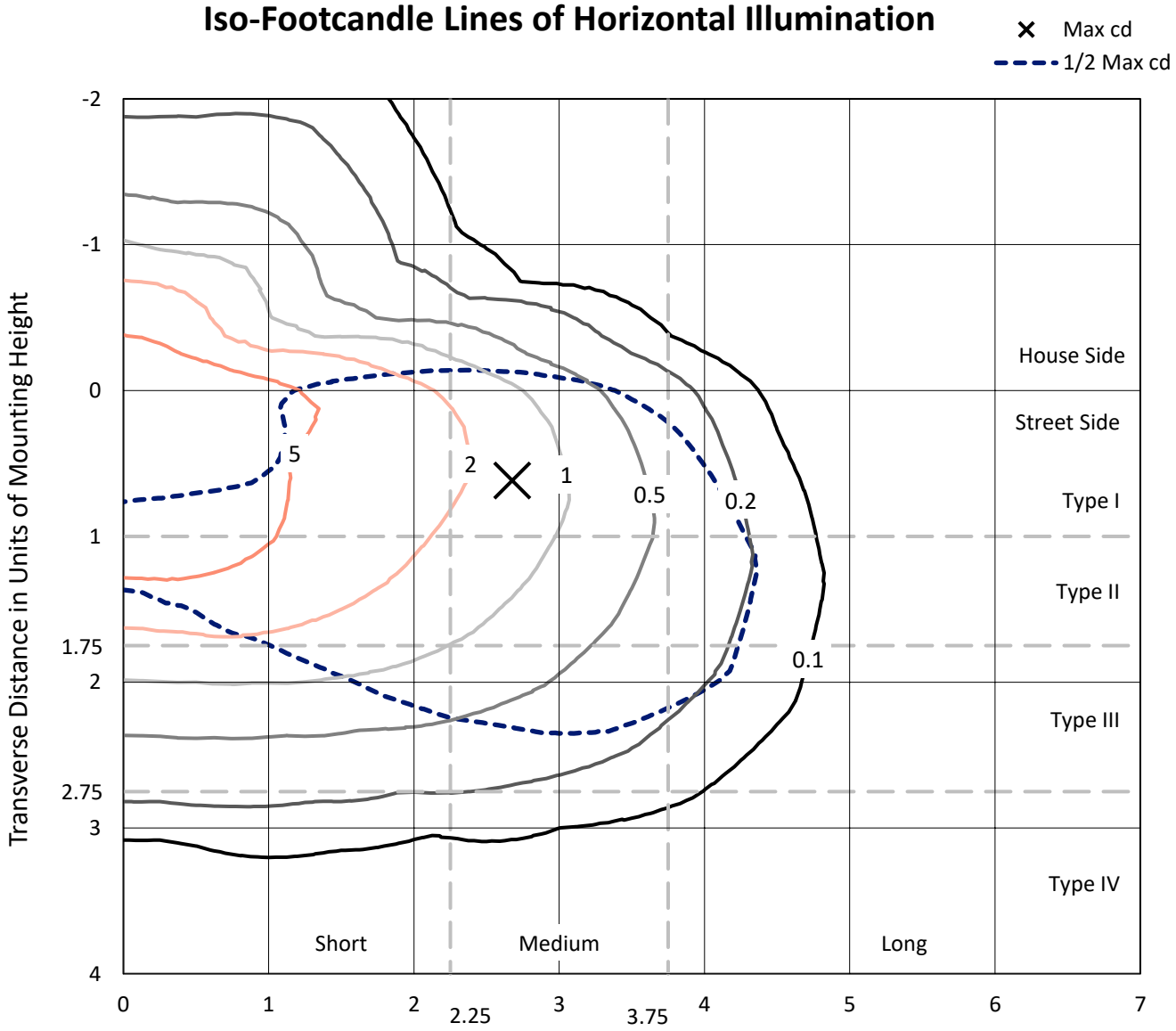


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Iso-Footcandle Lines of Horizontal Illumination



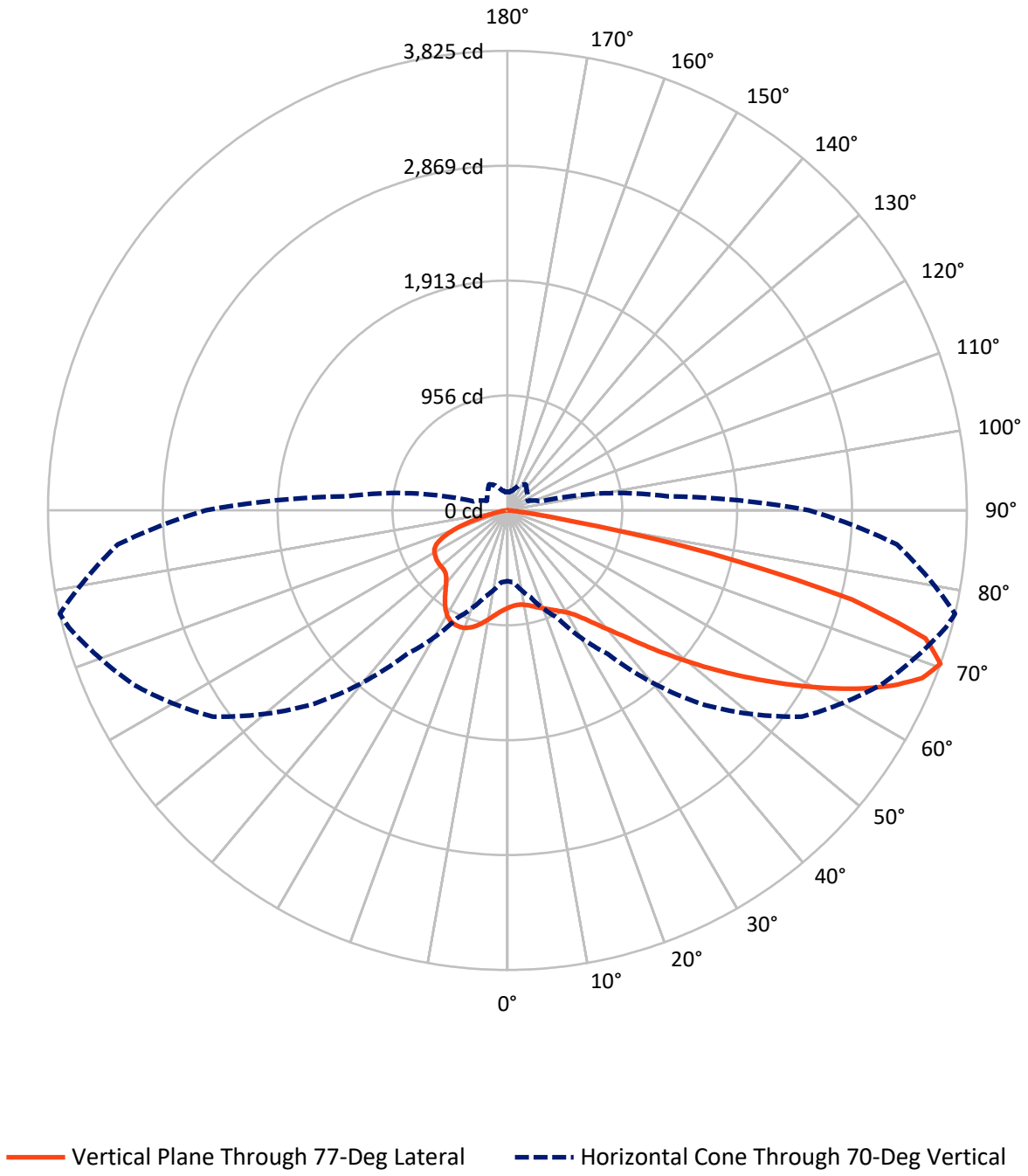
Based on 10 foot mounting height. Maximum calculated value = 9.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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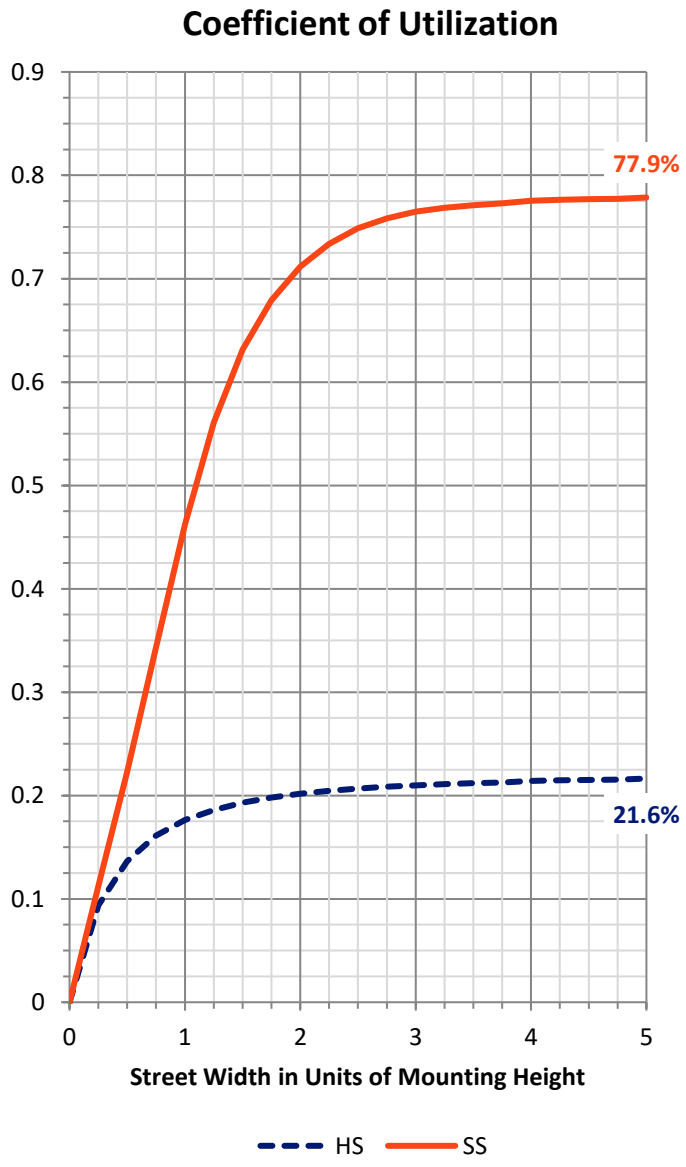
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1272.7	0.0	1272.7
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	4539.3	0.0	4539.3
	% Fixture	78.1	0.0	78.1
Total	Lumens	5812.0	0.0	5812.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.3	1.3
10°-20°	223.2	3.8
20°-30°	381.7	6.6
30°-40°	613.8	10.6
40°-50°	958.3	16.5
50°-60°	1280.0	22.0
60°-70°	1364.3	23.5
70°-80°	839.9	14.5
80°-90°	73.6	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°	5812.0	100.0
0°-180°	5812.0	100.0



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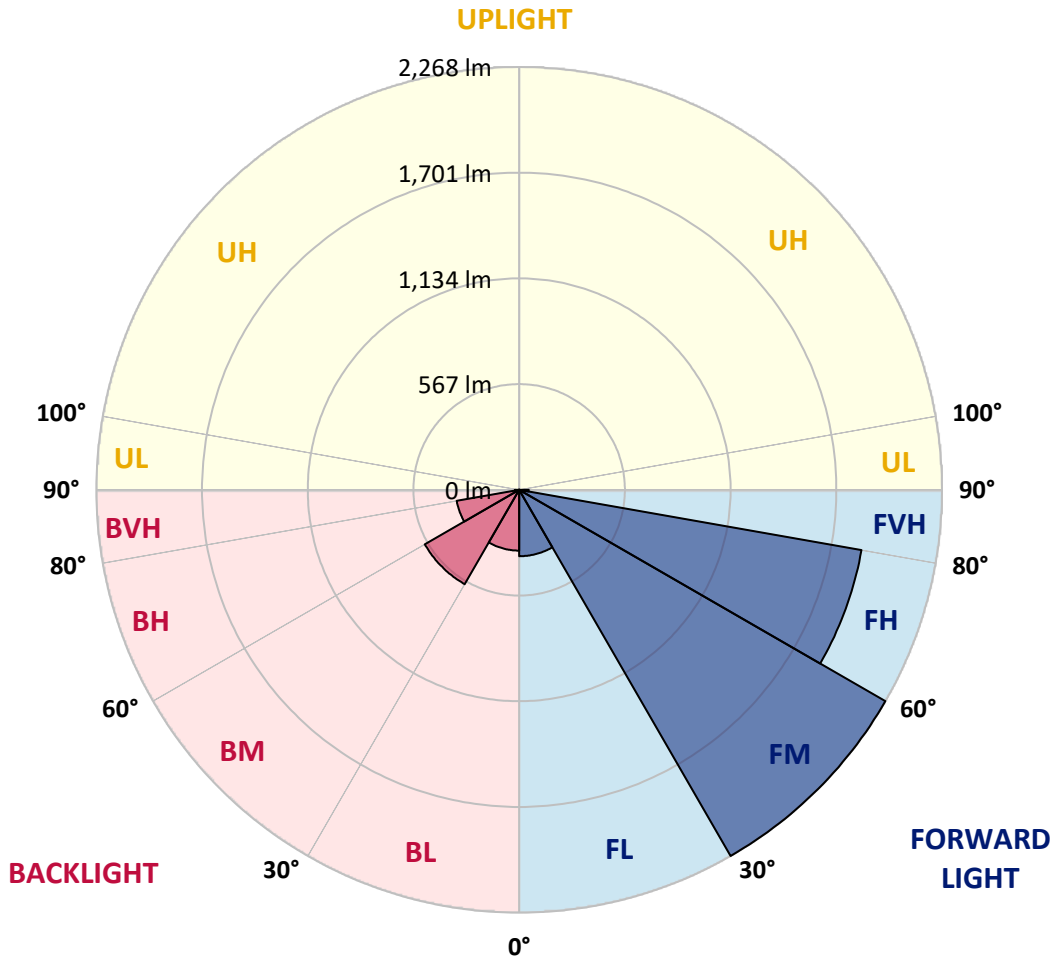
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	356.1	6.1			
FM	(30°-60°)	2267.7	39.0			
FH	(60°-80°)	1864.0	32.1			G2/5000
FVH	(80°-90°)	51.5	0.9			G1/100
BL	(0°-30°)	326.1	5.6	B1/500		
BM	(30°-60°)	584.3	10.1	B1/1000		
BH	(60°-80°)	340.1	5.9	B1/500		G1/500
BVH	(80°-90°)	22.1	0.4			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	810.8	810.8	810.8	810.8	810.8	810.8	810.8	810.8	810.8	*810.8*	810.8
2.5°	747.4	747.1	751.0	752.2	759.3	764.4	773.9	784.0	797.1	*798.6*	806.7
5°	704.3	704.3	708.7	713.5	722.7	732.8	747.4	765.0	787.6	*791.2*	811.1
7.5°	667.7	670.0	673.9	683.1	693.8	708.4	730.8	755.8	785.5	*791.2*	823.3
10°	638.2	640.9	645.6	653.1	669.1	689.4	718.6	750.7	790.6	*799.5*	841.2
12.5°	629.0	631.6	634.3	640.0	654.9	678.7	713.5	753.1	802.8	*811.7*	865.6
15°	650.4	653.7	651.6	650.1	657.8	679.6	715.9	761.7	818.0	*830.8*	895.7
17.5°	699.8	701.0	696.2	682.2	681.0	692.7	727.2	773.6	837.0	*851.0*	926.0
20°	779.6	777.5	767.7	740.0	724.2	721.8	746.5	791.5	856.7	*871.5*	958.8
22.5°	887.9	885.5	865.9	822.1	787.0	763.8	774.5	814.7	878.7	*895.4*	990.6
25°	1023.1	1019.8	990.9	931.4	876.9	819.5	812.6	845.4	905.8	*921.3*	1024.0
27.5°	1180.8	1178.1	1146.9	1068.3	989.7	895.7	859.9	881.4	934.1	*951.6*	1061.5
30°	1350.5	1358.2	1302.9	1218.3	1118.9	995.1	923.6	925.7	970.7	*986.4*	1107.0
32.5°	1549.9	1563.3	1496.6	1389.5	1253.7	1103.1	1004.0	987.6	1024.0	*1037.0*	1164.4
35°	1747.6	1762.7	1707.4	1588.9	1432.6	1230.5	1087.9	1058.8	1094.8	*1109.1*	1240.6
37.5°	1918.4	1938.7	1910.1	1807.1	1624.0	1384.1	1197.5	1142.4	1182.0	*1199.9*	1343.0
40°	2053.3	2084.2	2082.1	2017.8	1849.7	1570.5	1336.5	1245.7	1290.4	*1309.7*	1467.2
42.5°	2162.8	2189.6	2212.8	2209.5	2085.1	1782.1	1499.9	1380.0	1413.9	*1436.2*	1606.8
45°	2238.4	2267.0	2317.0	2370.9	2311.6	2008.6	1687.1	1539.2	1570.2	*1603.8*	1773.2
47.5°	2306.0	2338.4	2403.3	2488.7	2503.9	2236.0	1892.2	1724.6	1752.9	*1787.7*	1940.2
50°	2311.9	2339.9	2440.5	2561.7	2640.5	2454.5	2112.5	1932.7	1959.2	*1996.4*	2119.0
52.5°	2168.2	2212.2	2387.8	2559.6	2703.4	2637.3	2331.3	2149.1	2178.9	*2223.5*	2304.2
55°	1683.0	1747.6	2233.3	2479.8	2681.0	2755.4	2539.3	2379.2	2417.3	*2464.0*	2490.5
57.5°	1449.6	1477.9	1772.9	2334.6	2579.2	2786.1	2715.0	2611.7	2673.0	*2724.2*	2687.6
60°	1302.9	1326.4	1500.8	2108.6	2445.3	2737.6	2850.7	2828.4	2934.3	*2995.4*	2889.1
62.5°	1145.7	1168.0	1326.7	1760.7	2273.8	2656.9	2936.4	3028.4	3202.2	*3268.9*	3079.0
65°	989.7	1008.8	1160.9	1479.4	2055.9	2576.3	2980.8	3201.3	3450.2	*3519.2*	3236.8
67.5°	815.9	831.7	975.4	1248.1	1791.0	2465.8	3002.8	3337.4	3666.0	*3725.2*	3314.7
70°	*588.8*	*601.0*	*749.5*	*987.0*	*1458.5*	*2275.9*	*2993.9*	*3433.8*	*3777.9*	*3825.2*	*3255.8*
72.5°	278.3	289.3	463.8	640.9	1030.2	1906.2	2813.2	3357.3	3664.2	*3640.7*	2895.0
75°	148.5	158.1	266.4	351.5	544.1	1306.7	2302.1	2892.1	3076.9	*2962.6*	2139.6
77.5°	100.6	108.1	164.9	211.0	248.5	620.3	1479.7	2002.4	1926.5	*1737.7*	1071.6
80°	79.8	87.5	135.1	142.9	120.3	224.1	611.4	926.9	665.9	*532.5*	304.8
82.5°	61.3	70.0	113.7	103.6	65.5	92.0	178.0	293.2	170.6	*129.8*	73.8
85°	37.5	46.7	89.3	66.1	36.9	42.0	60.4	81.6	52.1	*43.5*	26.5
87.5°	19.1	26.8	45.2	24.1	16.7	9.8	16.1	16.1	13.7	*11.9*	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°	810.8	810.8	810.8	810.8	810.8	810.8	810.8	810.8	810.8	810.8	810.8
2.5°	813.8	819.8	829.9	839.4	846.8	854.0	861.1	865.0	866.2	871.0	873.6
5°	823.3	834.3	854.0	872.4	884.1	891.2	896.3	899.2	899.8	901.3	903.7
7.5°	840.9	858.5	885.8	904.3	912.9	912.3	910.2	902.8	899.8	897.1	897.7
10°	865.6	888.8	922.4	935.2	929.9	915.6	897.1	875.4	865.3	855.5	852.5
12.5°	896.3	925.7	958.8	958.2	931.7	895.1	852.2	818.9	797.7	782.5	779.0
15°	933.5	967.4	992.7	972.5	914.4	848.6	785.8	742.4	723.3	706.6	704.9
17.5°	971.9	1008.2	1019.8	968.0	871.0	779.9	708.7	674.5	655.7	646.8	649.5
20°	1009.4	1045.4	1035.9	942.4	804.9	701.9	638.5	619.7	615.9	617.9	617.1
22.5°	1049.0	1081.1	1039.1	893.0	720.6	622.1	587.3	587.9	596.5	602.8	604.3
25°	1089.4	1111.2	1030.5	821.5	630.1	563.5	554.8	564.4	581.3	593.5	596.8
27.5°	1128.4	1138.0	1011.7	733.1	552.5	521.5	523.0	542.6	568.2	585.2	589.4
30°	1172.5	1161.8	975.7	633.7	498.6	485.5	498.0	520.9	546.5	561.7	565.3
32.5°	1222.2	1182.3	918.6	541.7	460.5	456.6	477.1	492.0	503.3	507.8	510.2
35°	1284.1	1211.2	845.4	477.1	426.2	435.5	455.1	447.7	443.2	440.8	443.2
37.5°	1364.5	1250.2	759.6	435.2	398.6	420.3	428.3	405.1	387.6	378.9	381.0
40°	1461.2	1307.3	677.2	402.7	381.0	407.2	393.2	365.2	342.9	330.7	331.6
42.5°	1568.7	1367.2	607.8	378.3	371.2	396.5	367.3	334.0	298.0	294.1	298.0
45°	1681.5	1428.8	560.5	359.6	366.4	387.3	352.4	298.6	273.0	288.7	297.1
47.5°	1794.3	1485.3	531.9	345.6	364.0	376.8	339.3	278.9	260.8	283.7	294.4
50°	1919.9	1535.9	519.1	335.5	361.4	372.7	319.7	273.8	248.0	263.1	274.4
52.5°	2044.6	1575.2	509.6	325.3	357.5	369.4	310.2	267.9	232.5	233.4	239.6
55°	2169.1	1600.8	499.2	311.9	348.9	362.3	309.3	261.3	220.9	216.7	219.7
57.5°	2301.8	1615.4	486.4	297.1	334.0	344.1	308.4	256.3	217.3	210.4	211.3
60°	2436.9	1636.8	469.7	278.9	314.0	322.4	306.3	254.5	215.2	203.6	204.5
62.5°	2558.1	1644.3	449.8	261.6	288.4	300.9	301.8	253.0	209.6	189.6	189.6
65°	2637.6	1612.1	414.9	242.0	260.8	278.9	293.2	248.0	199.4	179.5	179.5
67.5°	2634.3	1520.4	360.5	216.7	234.0	254.5	280.7	239.3	187.2	167.0	167.9
70°	*2511.7*	*1339.5*	*291.4*	*187.2*	*204.5*	*228.3*	*264.6*	*226.5*	*172.6*	*153.3*	*155.1*
72.5°	2154.2	1048.4	211.6	152.7	170.3	201.2	243.8	211.0	157.8	141.1	140.2
75°	1538.9	663.5	143.5	117.3	132.5	170.6	217.9	192.9	144.1	141.7	133.6
77.5°	786.1	317.0	95.0	85.7	92.3	134.5	183.1	172.3	146.2	117.0	104.2
80°	255.7	117.0	59.8	58.3	61.3	89.6	141.7	141.4	110.7	79.5	70.2
82.5°	81.6	50.3	39.0	37.5	36.0	56.3	98.8	111.9	74.7	50.3	50.0
85°	32.4	30.1	22.9	21.1	15.2	26.5	51.8	74.4	55.7	36.3	37.2
87.5°	11.9	11.9	6.3	4.5	3.3	8.9	14.0	22.3	31.8	18.8	18.5
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)