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: P1199735

Luminaire Tested: GPC-SB2B-735-U-T3R-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199735
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2B-735-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9373 lumens
Efficiency:	N/A
Efficacy:	126.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - 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

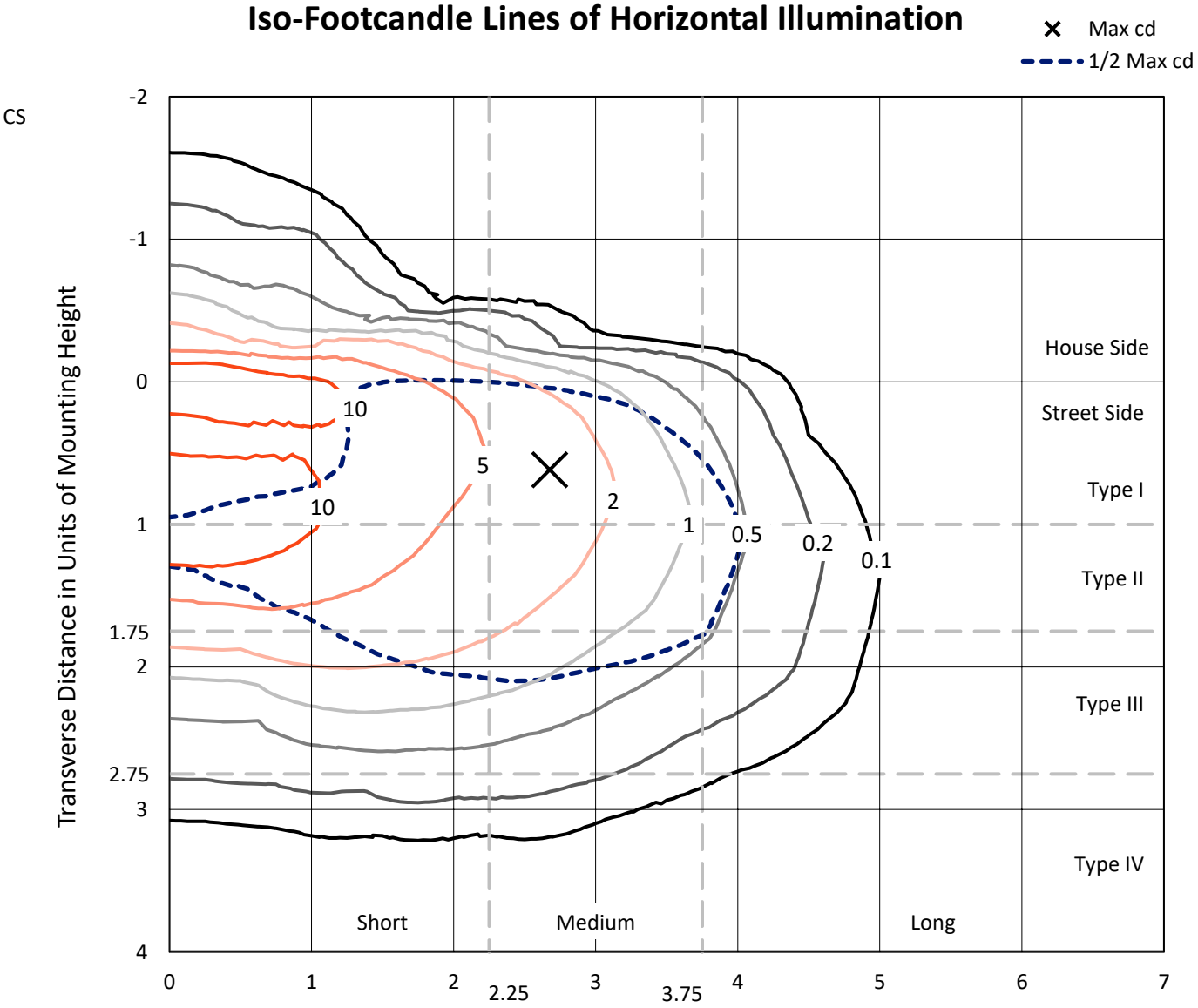


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Iso-Footcandle Lines of Horizontal Illumination



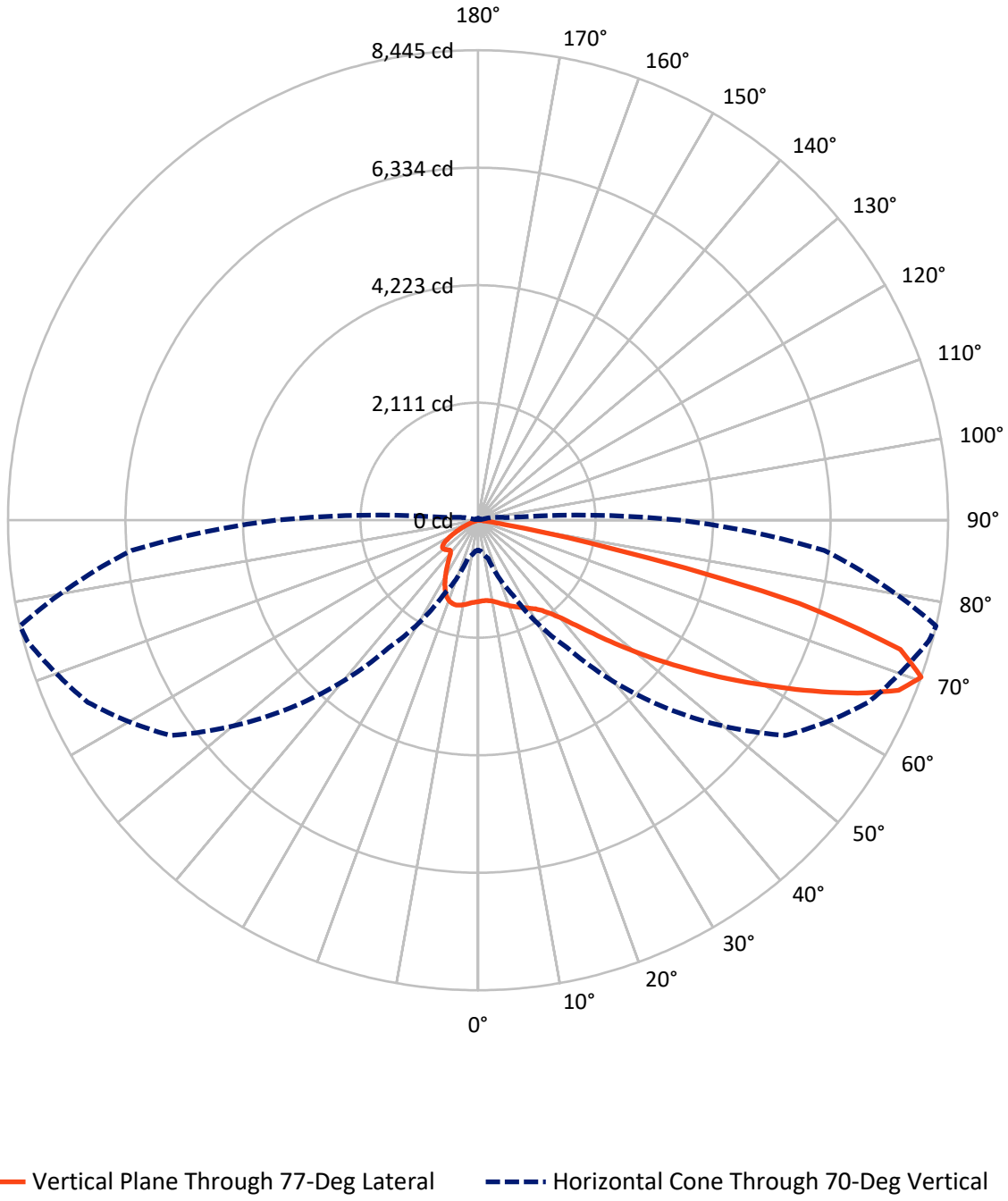
Based on 10 foot mounting height. Maximum calculated value = 17.2 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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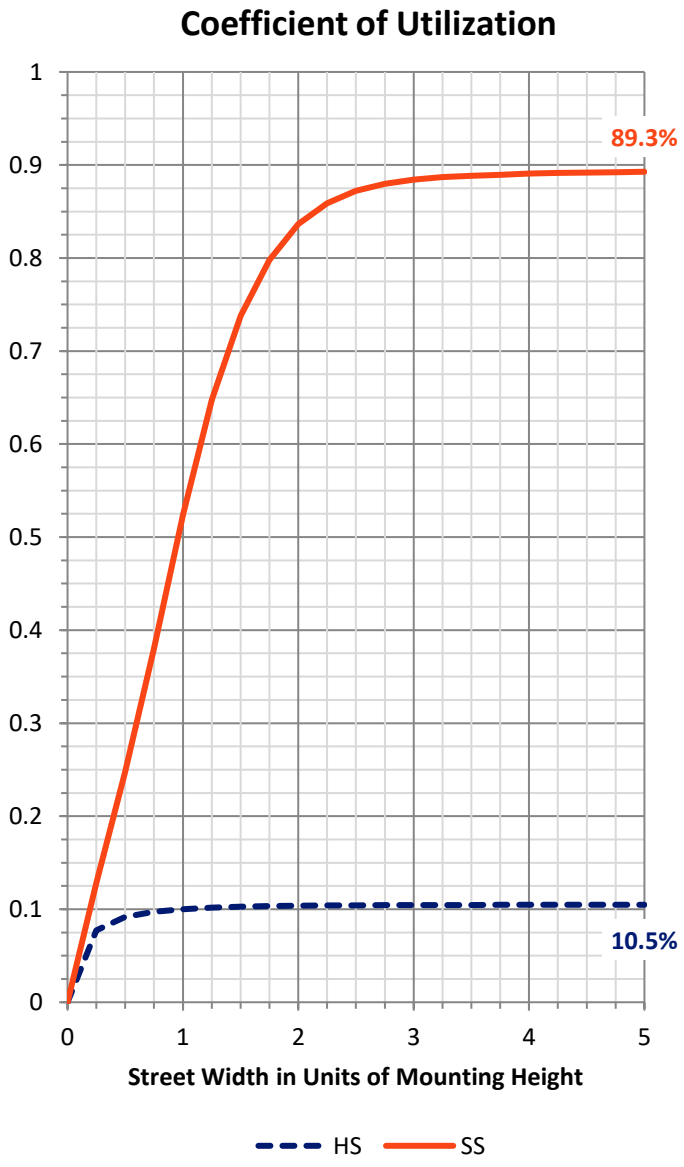
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	988.1	0.0	988.1
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	8385.0	0.0	8385.0
	% Fixture	89.5	0.0	89.5
Total	Lumens	9373.0	0.0	9373.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.0	1.3
10°-20°	299.1	3.2
20°-30°	462.7	4.9
30°-40°	839.5	9.0
40°-50°	1584.7	16.9
50°-60°	2289.7	24.4
60°-70°	2437.3	26.0
70°-80°	1291.6	13.8
80°-90°	42.4	0.5
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°	9373.0	100.0
0°-180°	9373.0	100.0



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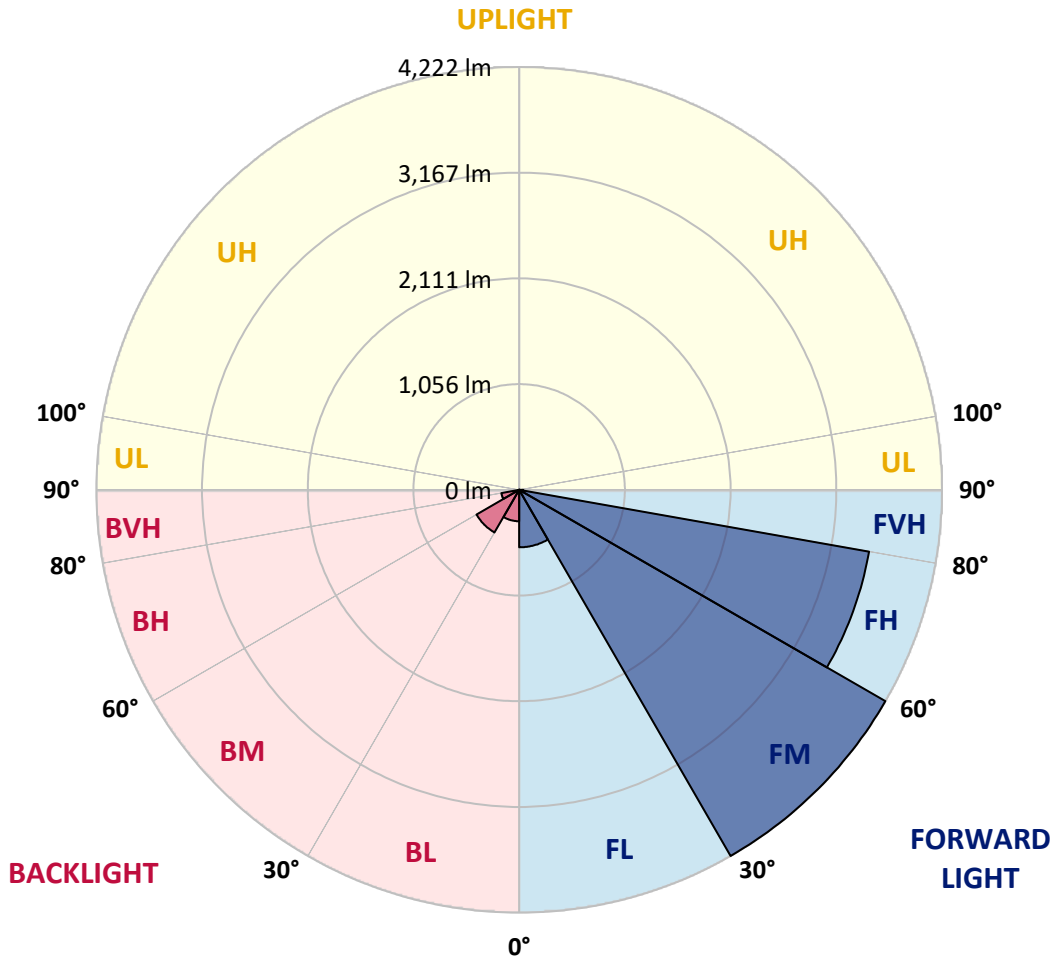
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	573.9	6.1			
FM	(30°-60°)	4222.0	45.0			
FH	(60°-80°)	3547.8	37.9			G2/5000
FVH	(80°-90°)	41.3	0.4			G1/100
BL	(0°-30°)	313.9	3.3	B1/500		
BM	(30°-60°)	491.9	5.2	B1/1000		
BH	(60°-80°)	181.1	1.9	B1/500		G1/500
BVH	(80°-90°)	1.1	0.0			G0/10
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°	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	*1462.0*	1462.0
2.5°	1372.6	1385.1	1383.3	1391.6	1394.5	1406.4	1418.2	1434.2	1452.0	*1451.4*	1463.2
5°	1295.1	1307.5	1310.5	1321.7	1335.9	1354.3	1378.6	1410.5	1443.7	*1449.0*	1472.7
7.5°	1203.4	1216.4	1224.1	1246.6	1272.6	1310.5	1350.1	1396.9	1452.0	*1459.7*	1505.2
10°	1111.6	1123.4	1133.5	1165.5	1206.9	1263.1	1327.7	1395.1	1469.1	*1480.4*	1544.9
12.5°	1054.8	1066.0	1077.3	1105.1	1156.6	1225.3	1312.9	1403.4	1497.5	*1513.5*	1598.8
15°	1034.7	1044.7	1053.6	1078.5	1126.4	1204.5	1309.9	1420.6	1533.6	*1554.9*	1663.9
17.5°	1037.6	1042.9	1048.9	1067.8	1114.6	1195.1	1315.2	1450.2	1576.3	*1595.2*	1729.0
20°	1054.8	1057.7	1058.3	1071.4	1112.8	1193.9	1325.9	1478.6	1616.5	*1642.0*	1793.5
22.5°	1076.7	1077.9	1076.7	1085.6	1124.0	1202.8	1340.1	1512.9	1661.5	*1685.2*	1858.6
25°	1179.1	1156.6	1128.2	1111.0	1143.0	1219.9	1361.4	1559.1	1710.6	*1733.7*	1921.9
27.5°	1496.9	1432.4	1330.6	1216.4	1182.0	1244.8	1391.0	1605.9	1760.3	*1781.1*	1990.0
30°	2013.1	1928.4	1755.6	1498.1	1307.5	1296.9	1429.5	1652.6	1813.0	*1835.5*	2062.8
32.5°	2530.4	2509.7	2310.2	1953.9	1589.9	1412.9	1493.4	1715.9	1882.9	*1900.6*	2161.1
35°	3053.7	3011.6	2848.3	2496.1	2024.9	1649.1	1599.9	1798.8	1974.6	*1994.7*	2304.3
37.5°	3454.4	3428.9	3327.7	3037.7	2541.1	2013.7	1782.2	1927.3	2107.8	*2130.3*	2487.8
40°	3808.4	3796.5	3762.2	3571.0	3118.2	2490.8	2065.8	2126.1	2292.5	*2319.1*	2712.7
42.5°	4086.5	4114.4	4133.9	4080.6	3713.1	3035.3	2447.0	2405.5	2550.0	*2577.2*	2999.2
45°	4371.3	4380.7	4459.5	4536.4	4303.8	3604.7	2876.7	2732.9	2870.2	*2903.9*	3342.5
47.5°	4554.2	4592.0	4730.5	4866.1	4800.4	4169.4	3338.4	3119.4	3241.3	*3304.6*	3727.3
50°	4567.8	4639.4	4830.0	5066.2	5162.1	4706.9	3840.3	3559.7	3689.4	*3759.2*	4138.0
52.5°	4341.1	4452.4	4747.7	5093.4	5357.4	5162.1	4359.4	4000.1	4166.5	*4257.6*	4564.2
55°	3328.3	3473.9	4438.1	4945.4	5365.1	5507.1	4864.9	4458.9	4698.0	*4801.0*	5024.7
57.5°	2899.8	2973.2	3489.3	4688.5	5222.4	5646.2	5321.9	4895.7	5276.3	*5404.1*	5459.8
60°	2412.6	2509.1	2926.4	4268.3	5028.9	5659.8	5725.5	5459.2	5903.1	*6047.0*	5858.7
62.5°	1639.6	1744.4	2159.3	3546.1	4764.3	5653.3	6056.4	6039.3	6599.8	*6754.3*	6196.7
65°	1015.7	1081.4	1354.9	2895.6	4394.3	5660.4	6402.7	6743.6	7335.0	*7491.8*	6458.3
67.5°	802.6	832.8	975.5	2223.2	3756.9	5500.6	6748.4	7406.0	8026.9	*8151.2*	6538.2
70°	*539.2*	*557.6*	*709.7*	*1490.4*	*2795.0*	*4763.1*	*6741.9*	*7738.6*	*8383.2*	*8445.4*	*6247.0*
72.5°	284.1	298.3	414.9	690.2	1688.1	3385.7	5682.9	7340.9	8028.7	*7935.2*	5339.6
75°	142.1	165.7	279.4	350.4	720.9	1888.2	3529.0	5787.7	6319.2	*5957.0*	3426.0
77.5°	107.7	130.2	230.8	230.8	251.0	635.7	1494.6	3156.7	2911.6	*2424.5*	1005.7
80°	68.7	88.8	201.8	174.6	104.8	161.6	389.5	884.3	618.5	*470.6*	182.9
82.5°	40.2	58.0	168.1	115.4	58.6	59.8	110.1	188.2	160.4	*124.9*	56.2
85°	16.0	37.9	115.4	45.6	23.1	14.8	33.1	40.2	33.1	*24.9*	14.2
87.5°	0.0	8.9	20.1	0.0	1.8	1.2	2.4	3.0	3.0	*2.4*	4.7
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°	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0
2.5°	1468.5	1469.7	1473.3	1473.9	1465.6	1454.9	1450.8	1449.0	1441.9	1441.3	1442.5
5°	1486.3	1491.6	1486.3	1470.9	1434.2	1382.7	1343.6	1311.7	1282.7	1273.8	1268.5
7.5°	1521.8	1527.1	1511.1	1450.8	1358.4	1256.0	1163.7	1098.6	1040.0	1018.1	1009.2
10°	1572.7	1579.8	1529.5	1407.6	1244.2	1079.6	923.4	813.3	727.5	692.5	677.7
12.5°	1636.6	1639.6	1539.6	1341.9	1095.6	860.6	639.3	521.5	445.1	416.7	407.8
15°	1707.1	1702.9	1540.7	1252.5	893.2	608.5	417.3	342.7	311.9	302.5	302.5
17.5°	1781.1	1763.9	1517.1	1123.4	671.2	416.1	309.6	291.8	286.5	284.1	283.5
20°	1853.9	1815.4	1473.9	954.8	481.8	310.8	281.2	275.8	272.9	271.7	270.5
22.5°	1920.2	1854.5	1399.9	758.8	349.8	274.6	265.8	261.0	255.7	253.3	252.7
25°	1984.7	1876.9	1295.7	575.9	280.0	256.9	249.8	240.9	233.8	230.8	229.7
27.5°	2047.4	1891.2	1165.5	426.2	249.8	240.3	227.3	214.9	209.5	208.4	207.2
30°	2114.3	1895.9	1017.5	317.9	231.4	219.6	200.7	186.5	183.5	184.1	184.1
32.5°	2196.0	1903.0	868.3	260.4	216.0	194.7	172.2	157.4	155.1	157.4	156.9
35°	2293.7	1917.2	724.5	239.7	202.4	169.3	145.0	132.6	130.2	132.0	131.4
37.5°	2426.2	1940.3	590.1	235.6	191.2	148.0	121.9	111.9	111.9	112.5	111.9
40°	2602.6	2001.8	470.0	232.6	185.3	132.0	103.0	98.8	100.6	101.8	101.8
42.5°	2817.5	2132.7	388.9	229.1	178.8	124.9	93.5	91.7	94.7	95.9	95.9
45°	3058.4	2298.4	360.5	223.2	172.8	129.6	89.4	87.0	90.6	91.2	91.7
47.5°	3307.6	2460.6	356.9	216.6	166.9	136.7	88.2	82.9	87.0	87.6	88.2
50°	3559.7	2566.5	360.5	206.6	157.4	136.7	88.8	78.7	82.3	84.1	84.6
52.5°	3813.7	2615.1	358.1	184.7	140.9	128.4	88.8	75.2	78.7	79.9	79.9
55°	4059.9	2605.6	322.0	152.1	119.6	113.6	86.4	72.2	74.6	75.2	75.2
57.5°	4254.7	2473.6	255.1	118.4	97.1	94.7	78.7	68.7	70.4	69.8	69.8
60°	4356.5	2183.6	182.3	91.2	76.4	74.6	69.3	63.9	65.1	62.2	61.6
62.5°	4357.6	1800.0	121.9	72.2	61.0	59.2	59.2	57.4	56.2	50.3	48.5
65°	4264.7	1374.4	81.1	57.4	49.1	46.2	49.7	49.1	45.0	36.7	35.5
67.5°	4054.0	900.9	61.6	45.0	37.9	36.1	39.7	41.4	38.5	30.8	30.2
70°	*3620.7*	*524.4*	*50.9*	*34.9*	*28.4*	*26.6*	*32.0*	*35.5*	*32.0*	*24.9*	*23.7*
72.5°	3007.5	282.9	41.4	26.0	19.5	17.8	25.5	29.0	25.5	18.3	17.8
75°	1951.5	151.5	32.0	17.2	10.1	11.2	18.9	21.3	17.8	11.8	10.7
77.5°	655.2	66.9	20.1	8.3	4.7	4.7	11.2	13.0	8.3	4.1	3.6
80°	146.2	27.8	8.3	3.6	1.8	1.8	2.4	2.4	1.2	0.0	0.0
82.5°	47.9	11.2	3.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	18.3	4.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.1	0.6	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)