

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMARK

Report Number: P1554981

Luminaire Tested: **AXCL10ARL**

Issue Date: 9/1/2026



Test Information

Test Method: LM-79-08
Report Number: P1554981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1710-354-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: AXCL10ARL
Description: Axcent Wall Mount Luminaire , Refractive Lens, 4000K LEDs
Light Source: -
Ballast/Driver: -

Summary

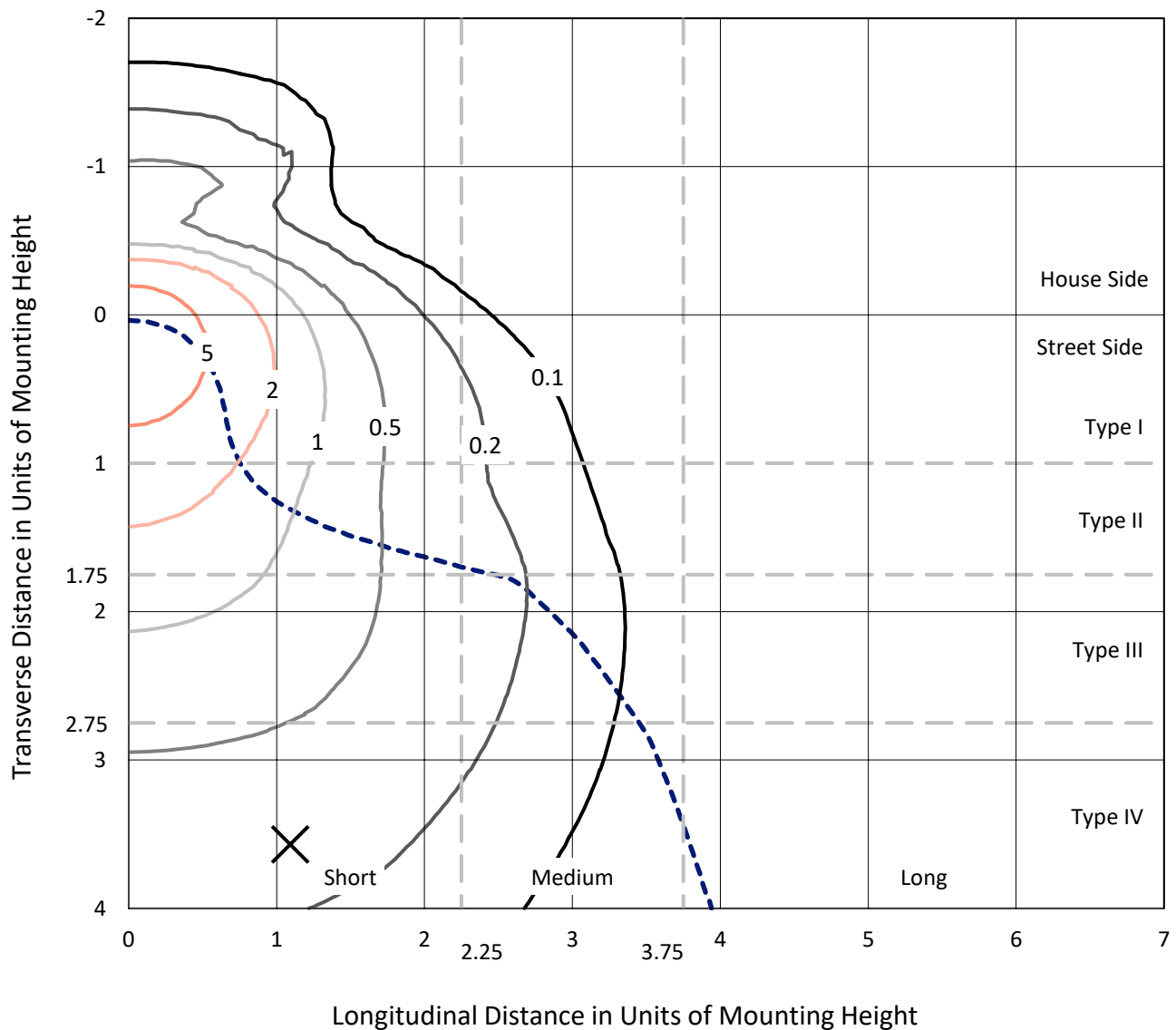
Lumens per Lamp: N/A
Luminaire Lumens: 13665 lumens
Efficiency: N/A
Efficacy: 153.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.75' x L: 0.29' x H: 0.38')
IES Classification: Type IV - Short
BUG Rating: B2 - U5 - G5

Input Watts (W): 89.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

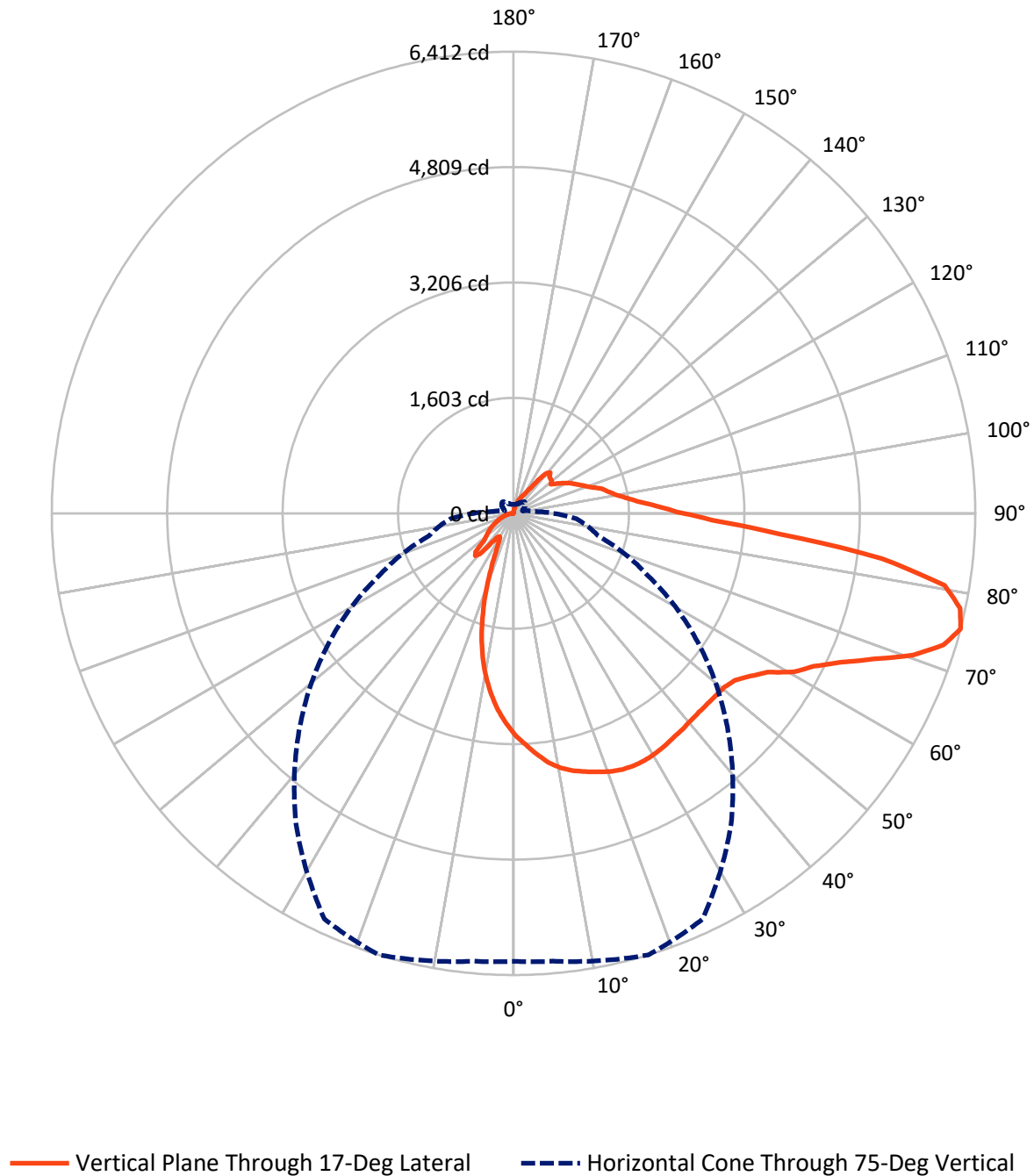
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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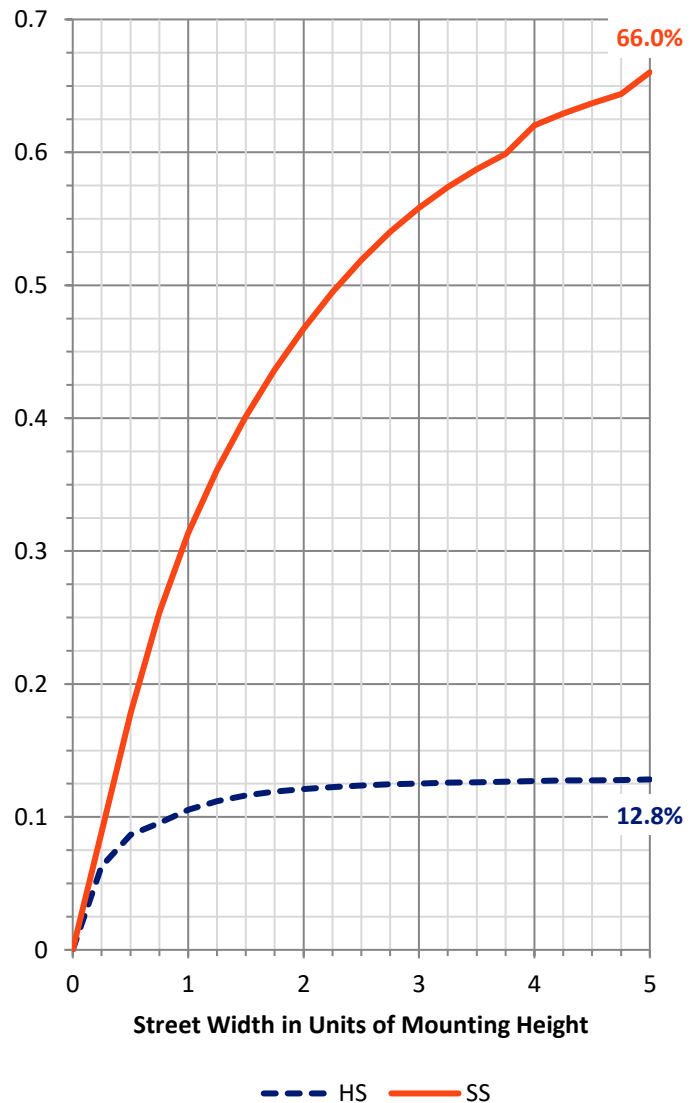
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1785.0	107.8	1892.8
	% Fixture	13.1	0.8	13.9
Street Side	Lumens	9869.9	1902.3	11772.2
	% Fixture	72.2	13.9	86.1
Total	Lumens	11654.9	2010.1	13665.0
	% Fixture	85.3	14.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	289.4	2.1
10°-20°	794.4	5.8
20°-30°	1107.8	8.1
30°-40°	1302.1	9.5
40°-50°	1453.1	10.6
50°-60°	1531.7	11.2
60°-70°	1792.3	13.1
70°-80°	2113.3	15.5
80°-90°	1270.8	9.3
90°-100°	644.3	4.7
100°-110°	452.1	3.3
110°-120°	327.9	2.4
120°-130°	232.4	1.7
130°-140°	192.9	1.4
140°-150°	105.3	0.8
150°-160°	41.4	0.3
160°-170°	12.6	0.1
170°-180°	1.2	0.0
0°-90°	11654.9	85.3
0°-180°	13665.0	100.0

Coefficient of Utilization



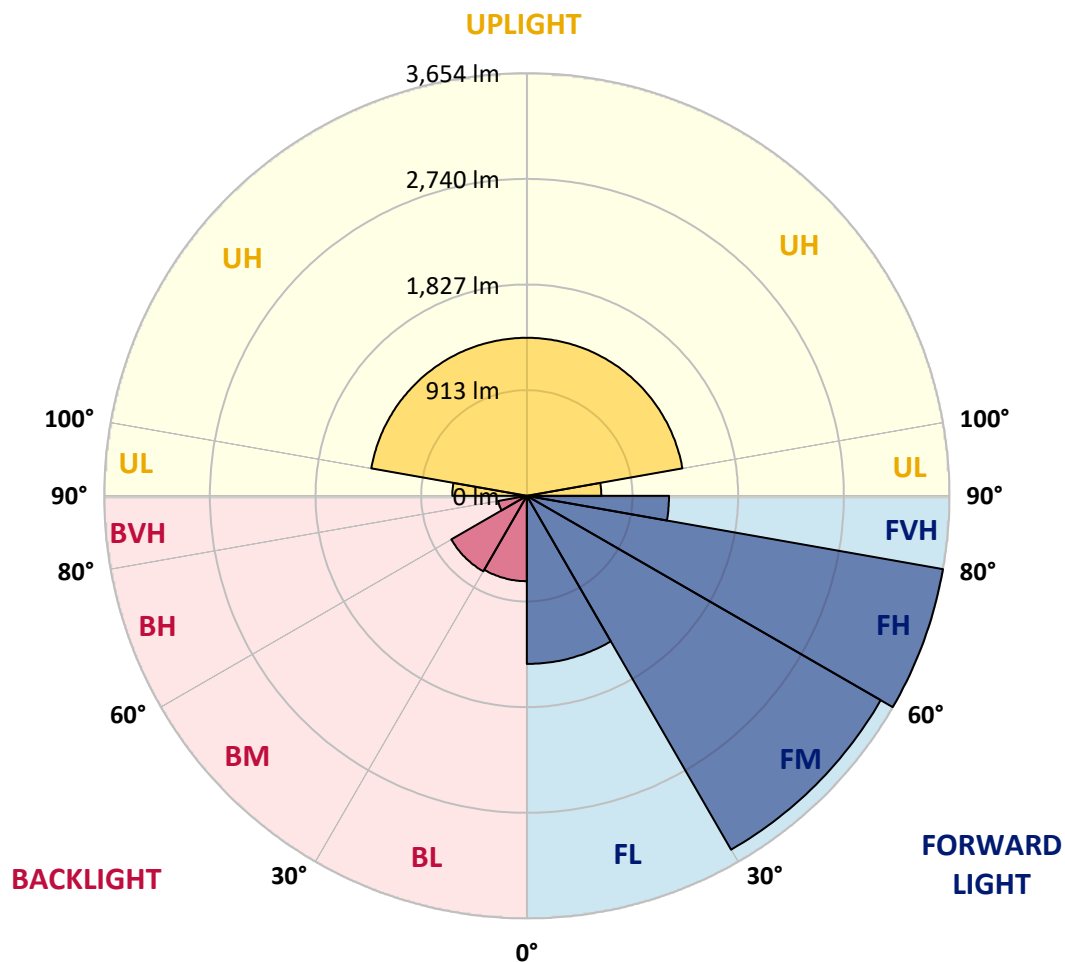
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1453.6	10.6			
FM	(30°-60°)	3533.1	25.9			
FH	(60°-80°)	3653.8	26.7			G2/5000
FVH	(80°-90°)	1229.5	9.0			G5
BL	(0°-30°)	738.0	5.4	B2/1000		
BM	(30°-60°)	753.8	5.5	B1/1000		
BH	(60°-80°)	251.8	1.8	B1/500		G1/500
BVH	(80°-90°)	41.3	0.3			G1/100
UL	(90°-100°)	644.3	4.7		U4/1000	
UH	(100°-180°)	1365.8	10.0		U5	

BUG Rating: B2-U5-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
0°	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8
2.5°	3234.6	3229.1	3221.2	3217.3	3207.8	3197.6	3183.4	3160.5	3140.1	3110.9	3091.2
5°	3373.2	3374.8	3361.4	3359.8	3334.6	3313.4	3273.2	3235.4	3196.8	3140.8	3093.6
7.5°	3520.6	3511.1	3497.7	3495.3	3466.2	3428.4	3378.8	3306.3	3237.0	3161.3	3086.5
10°	3621.4	3615.9	3600.9	3595.4	3574.1	3530.0	3459.9	3374.8	3277.1	3170.0	3069.2
12.5°	3692.3	3686.0	3670.2	3667.1	3641.9	3596.2	3525.3	3427.6	3307.9	3166.8	3039.2
15°	3752.2	3745.1	3727.0	3723.0	3687.6	3640.3	3563.9	3460.7	3325.2	3157.4	3001.4
17.5°	3813.6	3805.7	3782.9	3775.0	3735.6	3671.8	3580.4	3472.5	3329.9	3137.7	2955.7
20°	3868.7	3860.1	3834.9	3827.8	3776.6	3698.6	3586.7	3468.6	3320.5	3109.3	2896.6
22.5°	3905.0	3897.1	3869.5	3864.8	3809.7	3717.5	3589.1	3449.7	3296.0	3069.9	2827.3
25°	3922.3	3914.4	3889.2	3882.1	3823.1	3725.4	3583.6	3423.7	3256.7	3017.2	2750.1
27.5°	3927.0	3920.0	3891.6	3883.7	3820.7	3716.7	3568.6	3390.6	3200.7	2953.4	2662.7
30°	3919.2	3912.1	3882.9	3873.5	3804.2	3693.9	3537.1	3343.3	3133.0	2882.5	2570.5
32.5°	3908.1	3899.5	3862.4	3851.4	3774.2	3658.4	3489.0	3284.2	3056.6	2802.1	2460.2
35°	3890.8	3880.6	3835.7	3823.1	3738.8	3607.2	3430.7	3218.0	2980.9	2710.7	2358.6
37.5°	3894.7	3882.1	3826.2	3808.1	3704.1	3547.3	3366.9	3146.4	2897.4	2620.9	2249.1
40°	3883.7	3869.5	3803.4	3786.0	3678.9	3493.0	3280.3	3064.4	2819.4	2528.7	2148.3
42.5°	3892.4	3878.2	3799.4	3774.2	3637.9	3427.6	3200.7	2985.7	2722.5	2432.6	2023.8
45°	3912.1	3894.7	3803.4	3773.4	3608.8	3358.3	3127.5	2898.2	2638.2	2319.2	1911.1
47.5°	3908.9	3896.3	3805.7	3779.7	3597.0	3304.7	3047.9	2820.2	2531.9	2211.3	1793.0
50°	3961.7	3937.3	3824.6	3794.7	3592.2	3270.8	2979.4	2738.3	2424.8	2076.6	1672.4
52.5°	4046.0	4019.2	3888.4	3849.1	3627.7	3252.7	2914.8	2653.2	2333.4	1961.6	1560.6
55°	4218.5	4178.3	4033.4	3989.3	3725.4	3277.9	2852.5	2574.4	2237.3	1859.1	1431.4
57.5°	4423.3	4417.0	4213.8	4161.0	3873.5	3344.9	2851.7	2477.5	2158.5	1752.0	1332.9
60°	4712.5	4692.0	4524.2	4472.2	4133.4	3487.5	2914.0	2411.4	2086.0	1665.4	1240.7
62.5°	4928.3	4888.9	4714.0	4675.4	4431.2	3740.3	3017.2	2406.6	2005.7	1593.7	1147.8
65°	5245.0	5196.9	5035.4	4989.0	4677.8	4047.6	3243.3	2455.5	1906.4	1539.3	1079.2
67.5°	5581.4	5556.2	5436.4	5394.7	5186.7	4501.3	3559.2	2607.5	1833.1	1501.5	1005.2
70°	5934.3	5920.1	5884.7	5891.7	5778.3	5058.3	4031.0	2898.2	1863.1	1476.3	946.9
72.5°	6109.2	6095.8	6208.4	6243.9	6207.6	5387.6	4346.1	3290.5	1975.7	1373.1	908.3
75°	6221.8	6243.9	6384.1	6411.7	6216.3	5267.0	4198.0	3124.3	2065.5	1218.7	878.4
77.5°	6297.5	6310.8	6371.5	6338.4	5899.6	4783.4	3794.7	2814.7	1905.6	1107.6	838.2
80°	6236.8	6239.2	6175.3	6069.0	5356.1	4207.5	3126.7	2265.6	1623.6	945.3	716.9
82.5°	5853.9	5796.4	5374.2	5152.0	4309.1	3136.1	2090.7	1587.4	1321.1	847.6	490.8
85°	4746.3	4692.8	3886.9	3715.9	3062.1	2253.8	1709.5	1395.9	1172.2	825.6	313.5
87.5°	3342.5	3295.3	2883.2	2757.2	2415.3	1882.8	1533.0	1276.2	1056.4	768.9	191.4
90°	2647.7	2593.3	2327.9	2268.0	2041.1	1683.5	1384.9	1152.5	943.8	653.1	157.6
92.5°	2200.2	2167.2	1999.4	1974.2	1809.5	1527.5	1273.8	1052.5	833.5	515.2	141.0
95°	1866.2	1859.9	1736.3	1726.8	1634.6	1412.5	1184.0	987.9	724.0	391.5	134.7
97.5°	1643.3	1623.6	1554.3	1566.1	1508.6	1300.6	1091.9	924.1	616.0	319.0	142.6
100°	1476.3	1466.8	1416.4	1434.5	1388.1	1218.7	1026.5	840.6	538.8	273.4	152.0
102.5°	1363.6	1355.0	1321.9	1344.7	1303.8	1137.5	964.2	762.6	486.1	267.8	159.9
105°	1270.7	1265.2	1250.2	1273.0	1233.7	1056.4	887.8	700.3	439.6	271.0	166.2
107.5°	1180.1	1170.6	1147.0	1162.0	1110.8	972.1	808.3	642.0	424.6	276.5	169.4
110°	1059.6	1059.6	1058.8	1072.9	1033.6	904.4	746.0	575.9	422.2	278.9	169.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
112.5°	1003.6	998.9	997.3	1006.8	956.4	831.1	704.3	531.7	393.1	276.5	164.6
115°	946.9	941.4	943.8	944.5	894.9	770.4	647.5	508.1	370.3	267.1	156.0
117.5°	897.3	894.1	894.1	893.3	828.7	724.0	583.0	482.9	352.1	249.7	145.0
120°	836.6	832.7	827.9	827.9	773.6	658.6	549.9	432.5	330.1	237.9	134.7
122.5°	777.5	773.6	763.4	763.4	705.1	594.8	530.2	415.9	323.8	224.5	125.3
125°	722.4	719.2	710.6	705.8	642.8	603.4	489.2	402.6	312.7	217.4	115.8
127.5°	679.8	674.3	659.4	655.4	656.2	593.2	485.3	388.4	315.9	207.2	107.1
130°	711.4	699.5	698.8	697.2	666.5	571.1	502.6	411.2	315.1	200.9	98.5
132.5°	730.3	726.3	708.2	702.7	654.6	608.2	493.1	413.6	312.7	192.2	89.8
135°	734.2	730.3	712.1	711.4	694.0	608.9	534.9	428.5	305.7	181.2	81.1
137.5°	772.0	771.2	764.9	761.8	703.5	619.2	531.7	418.3	288.3	164.6	74.1
140°	757.8	754.7	728.7	722.4	679.1	618.4	512.1	386.0	250.5	142.6	67.7
142.5°	610.5	613.7	601.9	605.8	564.8	477.4	412.8	306.4	211.1	125.3	62.2
145°	475.0	475.0	452.2	441.9	414.4	386.8	330.9	250.5	182.0	113.4	56.7
147.5°	361.6	360.8	367.9	370.3	345.0	307.2	259.2	214.3	156.0	103.2	49.6
150°	319.8	315.9	299.4	298.6	293.1	259.2	230.8	196.2	141.0	93.0	44.9
152.5°	282.0	283.6	275.7	271.8	252.1	236.3	211.9	170.9	129.2	81.9	39.4
155°	239.5	240.3	237.1	237.9	232.4	212.7	181.2	147.3	114.2	72.5	36.2
157.5°	216.6	215.8	209.5	209.5	208.0	180.4	152.0	130.8	96.9	63.0	34.7
160°	190.6	189.9	182.8	178.0	167.0	145.7	130.0	104.8	82.7	54.4	33.1
162.5°	148.1	146.5	141.0	138.6	132.3	123.7	105.6	86.7	66.2	44.9	28.4
165°	122.1	122.1	119.0	119.7	111.9	96.1	84.3	68.5	52.0	33.9	22.8
167.5°	93.7	92.2	90.6	89.0	84.3	76.4	64.6	52.8	37.0	23.6	16.5
170°	71.7	71.7	69.3	68.5	63.8	57.5	47.3	33.9	24.4	13.4	11.0
172.5°	50.4	51.2	48.8	48.1	44.9	35.4	27.6	19.7	13.4	9.5	7.1
175°	25.2	23.6	18.1	18.1	15.8	14.2	11.0	8.7	7.1	6.3	5.5
177.5°	3.9	3.2	3.9	3.9	4.7	5.5	5.5	6.3	5.5	5.5	4.7
180°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8	3081.8
2.5°	3077.8	3063.6	3036.1	3012.4	2990.4	2967.5	2951.8	2933.7	2912.4	2907.7	2912.4
5°	3066.8	3038.4	2984.9	2931.3	2875.4	2836.0	2790.3	2759.6	2733.6	2721.8	2717.8
7.5°	3045.5	3005.4	2920.3	2839.1	2756.4	2682.4	2614.6	2568.9	2523.2	2509.1	2514.6
10°	3016.4	2958.1	2844.6	2734.4	2617.0	2513.8	2426.3	2343.6	2294.8	2261.7	2258.5
12.5°	2971.5	2901.4	2755.6	2612.3	2464.9	2329.4	2207.3	2117.5	2036.4	2008.0	1987.5
15°	2919.5	2833.6	2660.3	2473.6	2292.4	2134.9	1973.4	1852.1	1743.3	1705.5	1680.3
17.5°	2857.3	2758.0	2549.2	2332.6	2111.2	1902.5	1718.1	1536.9	1431.4	1358.1	1368.4
20°	2787.9	2674.5	2435.8	2178.2	1914.3	1655.9	1430.6	1246.3	1114.7	1045.4	1031.2
22.5°	2705.2	2579.2	2302.7	2012.0	1711.0	1405.4	1145.4	944.5	803.5	746.8	731.8
25°	2620.1	2472.8	2166.4	1837.1	1485.0	1151.7	879.2	683.8	579.8	530.2	525.4
27.5°	2514.6	2364.9	2022.2	1659.8	1258.1	913.0	657.0	505.0	425.4	407.3	401.0
30°	2405.9	2240.4	1874.9	1465.3	1050.9	717.7	494.7	396.2	376.6	379.7	378.9
32.5°	2288.5	2111.2	1711.8	1277.0	844.5	546.7	389.2	373.4	382.9	400.2	403.3
35°	2174.3	1987.5	1566.9	1087.1	678.3	427.8	353.7	383.6	421.5	452.2	462.4
37.5°	2060.0	1853.6	1405.4	920.9	545.1	358.4	357.6	419.9	544.4	675.1	701.9
40°	1935.6	1732.3	1251.8	768.1	442.7	329.3	383.6	537.3	770.4	841.3	842.9
42.5°	1819.8	1592.9	1108.4	643.6	370.3	331.7	419.9	735.0	808.3	811.4	806.7
45°	1693.7	1475.5	969.0	528.6	320.6	343.5	548.3	761.0	750.0	657.0	638.1
47.5°	1578.7	1347.1	843.7	441.2	297.0	360.0	680.6	711.4	531.7	506.5	505.0
50°	1446.3	1227.3	727.1	370.3	291.5	392.3	660.2	527.0	498.7	465.6	460.8
52.5°	1339.2	1105.2	616.0	320.6	290.7	470.3	595.6	493.1	445.9	423.8	423.0
55°	1220.3	998.1	510.5	282.0	289.1	543.6	444.3	456.9	404.9	396.2	390.7
57.5°	1099.7	874.4	423.0	253.7	286.7	503.4	416.7	404.1	370.3	343.5	341.9
60°	1017.0	769.7	341.9	232.4	287.5	441.2	404.1	360.0	319.8	301.7	297.8
62.5°	911.5	679.8	280.4	218.2	289.1	348.2	378.9	317.5	278.9	263.9	260.8
65°	825.6	586.1	238.7	204.8	297.8	292.3	343.5	273.4	243.4	228.5	226.9
67.5°	747.6	501.0	202.5	193.8	304.9	274.9	304.9	237.9	210.3	199.3	196.2
70°	671.2	423.8	174.9	181.2	276.5	256.8	267.8	204.0	182.8	173.3	172.5
72.5°	610.5	352.1	149.7	167.8	236.3	239.5	226.1	175.7	156.8	146.5	146.5
75°	549.1	286.7	126.8	155.2	204.0	220.6	188.3	145.0	130.0	122.9	122.1
77.5°	486.1	207.2	110.3	148.1	180.4	200.1	158.3	119.0	106.3	100.8	101.6
80°	379.7	138.6	96.9	140.2	170.9	170.2	125.3	93.0	83.5	81.1	81.9
82.5°	256.0	87.4	81.9	115.0	148.9	139.4	90.6	69.3	61.4	59.9	59.1
85°	152.0	61.4	69.3	92.2	114.2	97.7	62.2	48.8	41.8	37.0	37.0
87.5°	89.0	51.2	57.5	81.9	79.6	60.7	40.2	29.1	21.3	17.3	16.5
90°	63.0	50.4	52.0	81.9	60.7	40.2	23.6	9.5	0.0	0.0	0.0
92.5°	64.6	55.9	55.1	87.4	60.7	39.4	22.8	9.5	0.0	0.0	0.0
95°	83.5	64.6	61.4	82.7	63.0	41.8	24.4	11.8	0.0	0.0	0.0
97.5°	99.3	73.3	67.7	78.8	64.6	43.3	25.2	11.0	0.0	0.0	0.0
100°	109.5	82.7	70.1	76.4	67.0	45.7	26.0	11.0	0.0	0.0	0.0
102.5°	119.0	92.2	74.8	78.0	70.1	46.5	26.8	11.8	0.0	0.0	0.0
105°	125.3	100.0	81.1	79.6	71.7	47.3	27.6	11.8	0.8	0.0	0.0
107.5°	127.6	104.0	86.7	78.8	75.6	47.3	26.8	11.8	0.8	0.0	0.0
110°	127.6	105.6	90.6	81.1	78.0	48.1	26.8	11.8	0.8	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	122.9	104.0	90.6	82.7	74.1	49.6	26.0	11.0	0.8	0.0	0.0
115°	117.4	100.8	89.0	87.4	69.3	48.8	25.2	11.0	0.8	0.0	0.0
117.5°	109.5	96.1	86.7	89.0	66.2	46.5	24.4	10.2	0.8	0.0	0.0
120°	100.8	90.6	82.7	88.2	65.4	42.5	22.8	9.5	0.0	0.0	0.0
122.5°	93.0	83.5	78.0	83.5	63.8	39.4	21.3	7.9	0.0	0.0	0.0
125°	85.1	76.4	71.7	78.8	60.7	37.0	18.9	7.1	0.0	0.0	0.0
127.5°	78.0	70.1	65.4	74.8	55.1	34.7	16.5	5.5	0.0	0.0	0.0
130°	70.9	63.0	59.9	68.5	48.1	32.3	15.0	3.9	0.0	0.0	0.0
132.5°	64.6	57.5	54.4	63.0	43.3	30.7	12.6	3.2	0.0	0.0	0.0
135°	59.1	53.6	49.6	56.7	38.6	28.4	11.8	2.4	0.0	0.0	0.0
137.5°	54.4	50.4	48.1	51.2	33.1	26.0	10.2	1.6	0.0	0.0	0.0
140°	51.2	47.3	48.1	44.9	29.9	23.6	8.7	1.6	0.0	0.0	0.0
142.5°	48.1	44.9	47.3	39.4	26.8	20.5	7.1	0.8	0.0	0.0	0.0
145°	44.1	42.5	45.7	33.1	23.6	18.1	6.3	0.8	0.0	0.0	0.0
147.5°	41.0	40.2	43.3	27.6	20.5	15.8	4.7	0.0	0.0	0.0	0.0
150°	38.6	39.4	39.4	22.8	18.1	13.4	3.9	0.0	0.0	0.0	0.0
152.5°	36.2	37.0	34.7	18.9	15.0	11.0	2.4	0.0	0.0	0.0	0.0
155°	33.9	34.7	29.9	16.5	12.6	8.7	2.4	0.0	0.0	0.0	0.0
157.5°	32.3	32.3	26.0	14.2	9.5	6.3	1.6	0.0	0.0	0.0	0.0
160°	30.7	29.9	22.1	11.8	7.9	3.9	0.8	0.0	0.0	0.0	0.0
162.5°	27.6	24.4	18.1	10.2	6.3	3.2	0.8	0.0	0.0	0.0	0.0
165°	21.3	18.9	13.4	7.9	3.9	1.6	0.0	0.0	0.0	0.0	0.0
167.5°	15.0	13.4	8.7	5.5	3.2	1.6	0.0	0.0	0.0	0.0	0.0
170°	10.2	8.7	5.5	3.9	2.4	0.8	0.0	0.0	0.0	0.0	0.0
172.5°	6.3	5.5	3.9	3.2	1.6	0.8	0.0	0.0	0.0	0.0	0.0
175°	5.5	4.7	3.2	2.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	3.9	3.9	2.4	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
180°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4

(END OF REPORT)