

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: P1555001

Luminaire Tested: **AXCL8A-C**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1555001
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29584)
Test Lab: INNOVATION CENTER
Issue Date: 9/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: AXCL8A-C
Description: Axcent Wall Mount Luminaire , Full Cutoff, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9598 lumens
Efficiency: N/A
Efficacy: 147.0 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G1

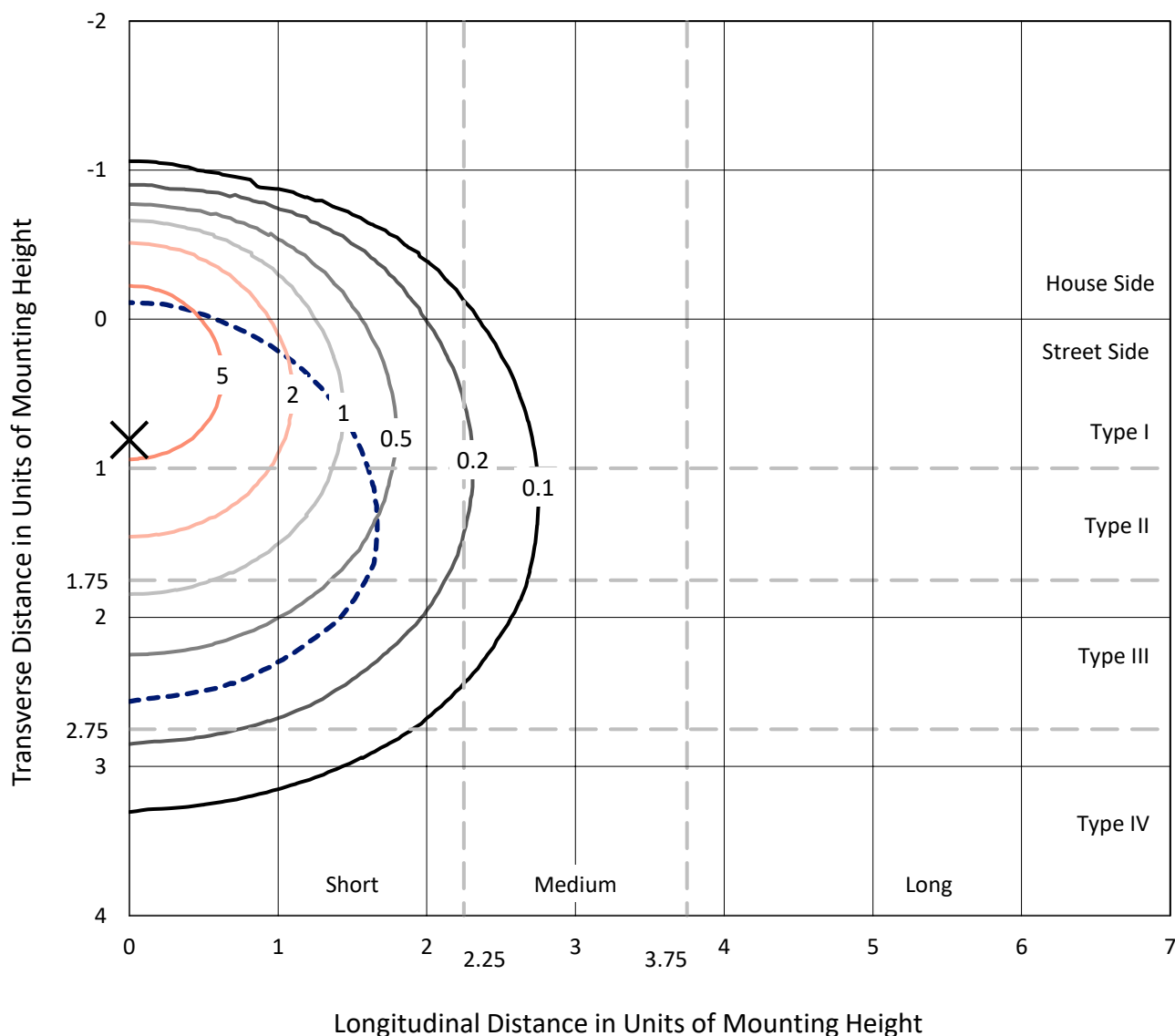
Input Watts (W): 65.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

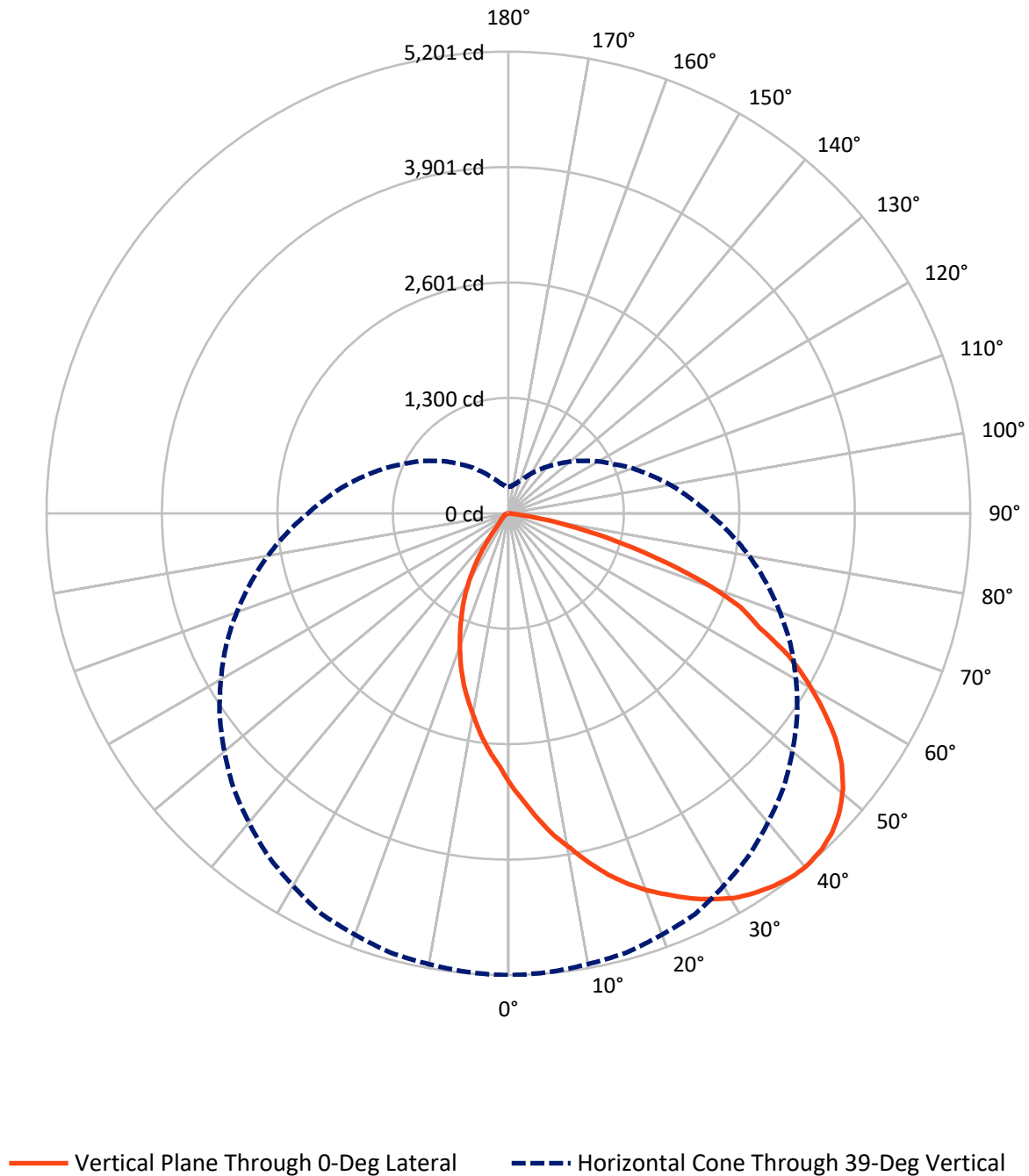
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 9.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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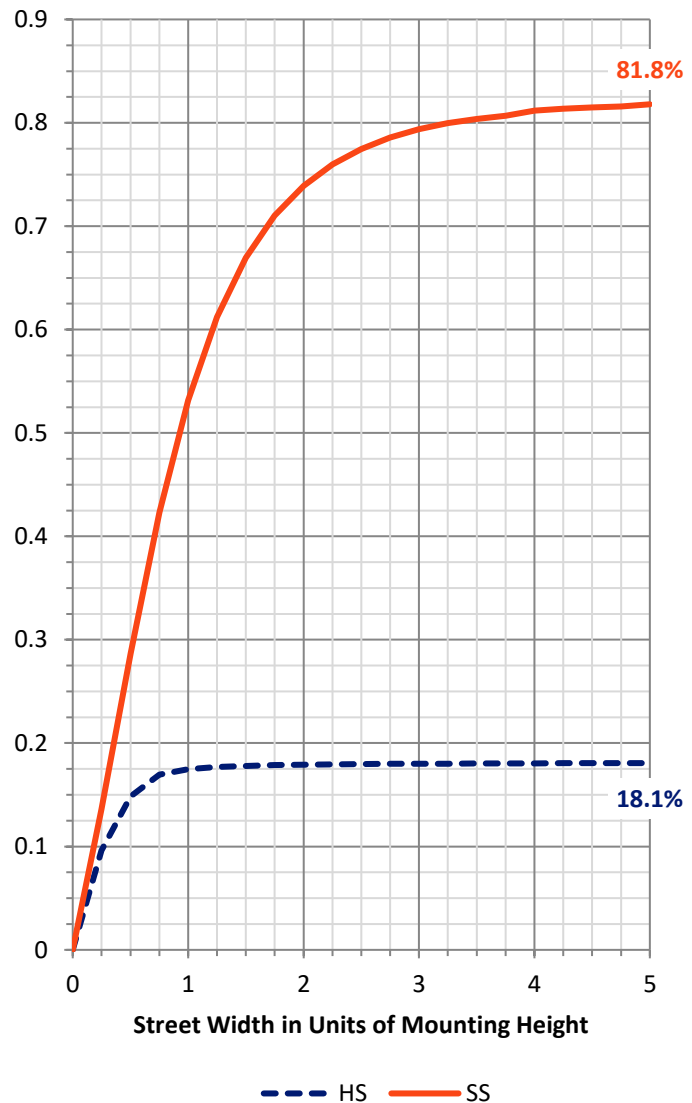
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1750.7	0.0	1750.7
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	7847.3	0.0	7847.3
	% Fixture	81.8	0.0	81.8
Total	Lumens	9598.0	0.0	9598.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	292.5	3.0
10°-20°	862.7	9.0
20°-30°	1346.1	14.0
30°-40°	1674.1	17.4
40°-50°	1801.7	18.8
50°-60°	1692.9	17.6
60°-70°	1282.3	13.4
70°-80°	593.7	6.2
80°-90°	52.1	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°	9598.0	100.0
0°-180°	9598.0	100.0

Coefficient of Utilization



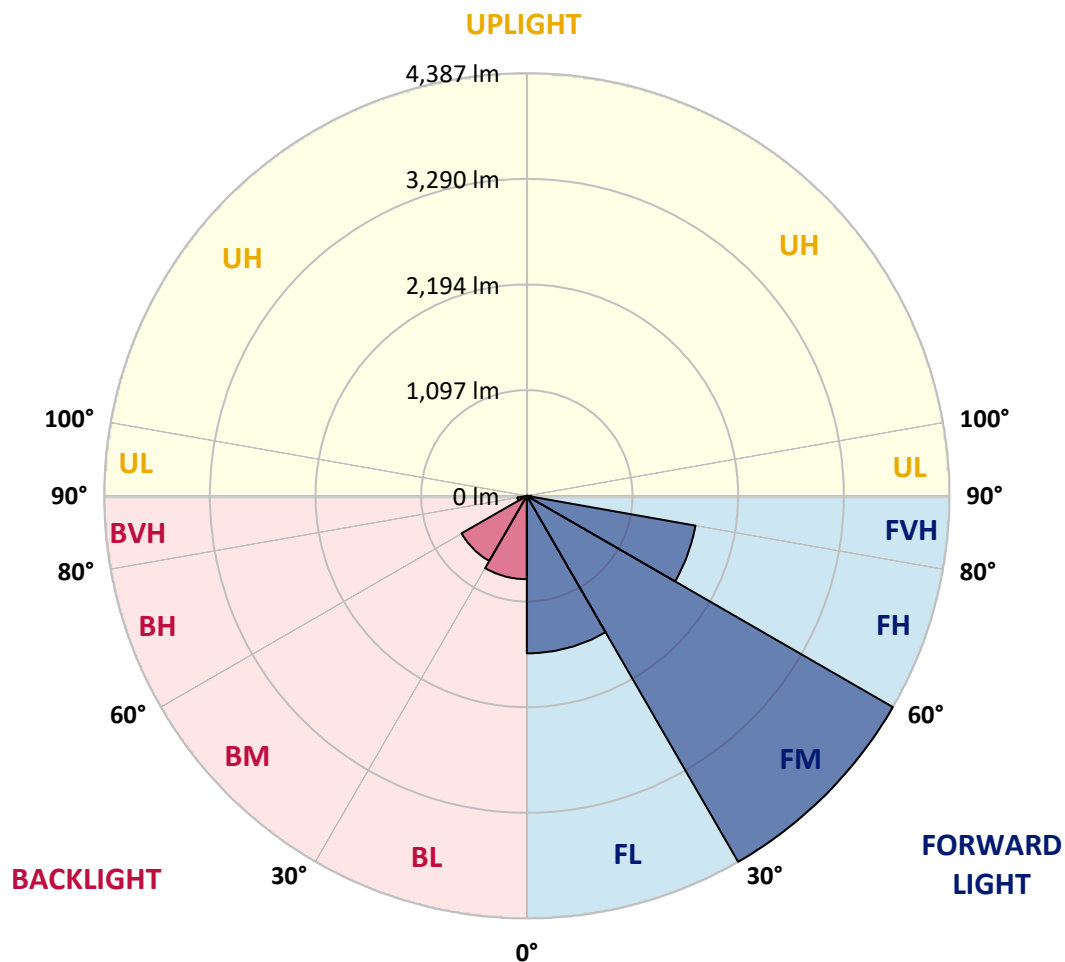
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1635.3	17.0			
FM	(30°-60°)	4387.2	45.7			
FH	(60°-80°)	1776.9	18.5			G1/1800
FVH	(80°-90°)	48.0	0.5			G1/100
BL	(0°-30°)	865.9	9.0	B2/1000		
BM	(30°-60°)	781.5	8.1	B1/1000		
BH	(60°-80°)	99.1	1.0	B0/110		G0/110
BVH	(80°-90°)	4.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9
2.5°	3243.9	3231.1	3237.8	3226.2	3225.0	3211.5	3187.1	3168.8	3145.5	3108.9	3070.4
5°	3454.1	3440.0	3446.1	3426.0	3413.7	3383.2	3333.7	3288.5	3236.0	3165.1	3094.8
7.5°	3659.9	3649.5	3651.4	3626.3	3600.7	3549.4	3476.7	3401.5	3316.0	3214.0	3107.7
10°	3838.3	3833.4	3840.8	3799.8	3763.8	3694.8	3601.3	3495.0	3376.5	3239.0	3102.2
12.5°	4036.2	4022.2	4028.9	3983.7	3936.1	3845.6	3727.1	3591.5	3438.8	3266.5	3093.6
15°	4226.2	4228.7	4225.0	4177.4	4116.9	4005.1	3860.9	3691.7	3503.5	3292.2	3083.2
17.5°	4392.4	4401.6	4399.1	4349.6	4267.2	4143.8	3977.6	3774.8	3549.4	3300.7	3052.7
20°	4541.5	4548.2	4543.9	4490.8	4396.7	4256.2	4068.0	3835.3	3572.6	3285.4	3004.4
22.5°	4672.8	4677.1	4673.4	4614.8	4509.7	4353.3	4144.4	3880.5	3583.6	3265.3	2955.6
25°	4808.4	4807.2	4804.2	4740.6	4625.8	4451.1	4217.7	3923.2	3598.8	3250.0	2909.7
27.5°	4922.1	4931.8	4923.9	4864.0	4738.8	4543.3	4282.4	3961.1	3611.1	3231.1	2858.4
30°	5028.4	5024.7	5018.6	4955.0	4823.1	4611.1	4324.6	3980.0	3606.2	3198.1	2797.3
32.5°	5097.4	5097.4	5083.3	5022.2	4886.0	4657.5	4349.0	3988.0	3589.1	3152.3	2721.6
35°	5153.6	5151.8	5138.3	5077.2	4937.3	4696.6	4369.2	3989.2	3566.5	3101.6	2640.9
37.5°	5192.1	5190.9	5178.0	5114.5	4969.1	4713.7	4378.4	3980.0	3532.9	3040.5	2553.6
39°	5201.2	5201.2	5189.0	5124.3	4979.5	4715.0	4378.4	3969.7	3506.0	3000.8	2498.0
40°	5200.0	5200.0	5187.8	5124.9	4978.9	4709.5	4372.2	3956.8	3485.2	2970.8	2459.5
42.5°	5174.4	5175.6	5163.4	5103.5	4958.7	4683.2	4338.0	3912.8	3421.7	2887.7	2356.3
45°	5116.9	5116.9	5105.9	5049.7	4901.3	4625.8	4278.8	3840.8	3340.4	2788.2	2244.5
47.5°	5019.2	5021.6	5009.4	4957.5	4807.2	4545.7	4200.0	3752.2	3240.9	2678.2	2117.4
50°	4883.0	4886.6	4874.4	4823.7	4686.9	4434.6	4091.8	3641.0	3116.8	2556.0	1980.6
52.5°	4699.1	4700.3	4694.8	4651.4	4528.0	4287.3	3953.2	3504.8	2980.0	2410.6	1834.5
55°	4467.5	4472.4	4465.1	4424.2	4321.5	4104.1	3784.6	3341.6	2818.7	2257.9	1675.1
57.5°	4179.8	4185.3	4180.4	4148.0	4068.0	3881.7	3582.3	3152.3	2656.8	2082.6	1507.7
60°	3878.0	3885.4	3879.9	3849.9	3772.9	3624.5	3351.4	2937.8	2449.7	1895.0	1335.4
62.5°	3545.7	3551.8	3546.9	3539.6	3466.9	3338.0	3102.8	2703.3	2237.7	1701.4	1160.1
65°	3107.7	3116.2	3099.1	3130.9	3118.1	2990.4	2807.7	2451.6	1997.0	1479.6	988.4
67.5°	2818.1	2820.5	2794.9	2766.2	2676.4	2653.2	2495.5	2180.3	1749.6	1270.1	816.2
70°	2344.7	2298.8	2304.9	2343.4	2377.0	2247.5	2159.5	1884.6	1490.0	1050.8	651.2
72.5°	1779.6	1741.1	1750.9	1773.5	1831.5	1890.8	1757.0	1586.5	1226.1	847.9	487.5
75°	1253.0	1213.9	1225.5	1244.4	1289.0	1343.4	1377.6	1231.6	946.3	640.2	354.9
77.5°	781.3	769.7	756.3	768.5	802.7	851.0	892.5	885.2	677.5	447.2	232.1
80°	371.4	361.0	354.3	364.1	386.1	443.5	479.6	479.6	416.6	273.7	132.0
82.5°	68.4	66.6	66.0	74.5	84.3	132.6	174.7	194.9	188.8	126.5	54.4
85°	31.8	29.9	30.5	31.2	31.8	35.4	37.3	44.6	52.5	34.8	17.7
87.5°	11.0	11.6	11.6	12.8	12.2	13.4	14.1	15.3	14.1	11.0	9.2
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°	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9	3053.9
2.5°	3050.9	3033.8	3001.4	2967.2	2936.6	2903.0	2881.6	2870.0	2856.0	2858.4	2850.5
5°	3060.0	3024.6	2961.7	2898.7	2843.2	2786.9	2747.9	2721.0	2698.4	2696.5	2689.2
7.5°	3055.7	3002.6	2909.1	2818.7	2738.1	2658.0	2601.2	2562.7	2529.1	2523.0	2516.3
10°	3034.4	2967.2	2844.4	2723.4	2621.4	2520.0	2447.3	2395.4	2352.6	2342.2	2332.4
12.5°	3009.3	2928.7	2776.0	2630.6	2509.0	2396.6	2303.7	2237.7	2188.9	2165.0	2162.6
15°	2982.4	2885.3	2702.6	2537.7	2391.1	2268.3	2163.2	2086.2	2028.2	2000.7	1996.4
17.5°	2936.6	2823.0	2615.3	2426.5	2261.6	2125.9	2008.7	1922.5	1856.5	1826.0	1819.3
20°	2871.3	2745.4	2512.7	2301.3	2119.2	1968.3	1843.1	1750.2	1678.2	1640.9	1632.3
22.5°	2805.9	2666.6	2410.6	2178.5	1978.7	1813.2	1675.7	1576.1	1498.5	1457.6	1449.7
25°	2746.0	2596.3	2312.3	2061.2	1843.1	1661.7	1511.4	1395.9	1322.6	1278.0	1268.8
27.5°	2680.0	2516.9	2209.6	1939.6	1705.6	1508.9	1346.4	1223.0	1144.2	1096.0	1103.9
30°	2601.2	2424.7	2096.6	1801.6	1557.8	1350.1	1177.2	1048.3	966.5	913.9	921.9
32.5°	2511.4	2323.9	1975.7	1665.9	1413.0	1188.2	1014.1	876.6	792.3	744.1	742.9
35°	2418.0	2218.8	1848.0	1530.9	1264.6	1028.2	846.1	710.5	610.3	568.1	565.1
37.5°	2318.4	2108.8	1731.3	1394.1	1118.6	874.2	689.1	540.7	447.8	396.5	392.8
39°	2257.3	2043.5	1654.9	1309.8	1030.0	782.6	594.4	444.1	349.4	302.4	300.0
40°	2213.9	1998.3	1602.4	1254.2	971.3	723.3	530.9	380.0	290.8	246.8	243.8
42.5°	2106.4	1878.5	1471.1	1113.7	825.3	577.9	379.4	241.9	185.7	169.8	168.6
45°	1979.3	1747.2	1328.1	977.4	683.0	433.1	245.6	166.2	144.2	136.2	135.0
47.5°	1848.0	1611.0	1185.8	840.6	548.6	300.0	163.1	132.6	119.1	114.2	113.6
50°	1707.5	1468.6	1056.9	706.8	417.2	190.0	128.3	109.4	101.4	98.4	97.7
52.5°	1567.0	1322.6	914.5	571.2	292.6	135.0	106.3	93.5	88.6	86.7	86.1
55°	1403.9	1175.4	775.8	451.5	187.5	108.7	89.2	81.3	78.2	75.1	75.1
57.5°	1254.2	1026.3	646.9	333.6	124.6	89.2	76.4	70.9	67.2	64.8	64.1
60°	1094.1	877.9	520.5	226.6	97.1	74.5	66.6	62.3	58.6	56.2	55.6
62.5°	933.5	730.6	402.6	136.2	77.6	62.9	58.6	54.4	51.3	48.9	48.9
65°	777.1	592.0	293.8	89.8	62.9	53.8	50.1	47.0	44.6	42.8	42.8
67.5°	625.0	456.3	199.2	68.4	50.7	45.8	43.4	40.9	38.5	37.3	37.3
70°	482.0	339.7	119.7	51.3	41.5	38.5	37.3	34.8	33.6	31.8	31.8
72.5°	352.5	235.8	65.4	39.7	33.6	31.8	31.2	29.3	28.1	26.9	26.9
75°	247.4	149.7	40.9	30.5	26.3	25.7	25.7	24.4	23.2	22.0	22.0
77.5°	153.3	83.1	28.1	22.0	20.2	20.2	20.2	18.9	17.7	17.1	16.5
80°	81.9	39.7	18.9	15.9	14.7	14.7	14.7	14.1	12.8	12.2	11.6
82.5°	34.2	18.3	12.2	10.4	9.2	9.8	9.8	8.6	7.3	6.1	6.1
85°	12.8	10.4	8.6	7.3	6.7	6.1	5.5	4.3	3.1	2.4	2.4
87.5°	7.9	7.3	6.7	6.1	5.5	4.3	3.7	2.4	1.2	0.6	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)