

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: P1554977

Luminaire Tested: **AXCL10A-W**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554977
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: AXCL10A-W
Description: Axcent Wall Mount Luminaire , Full Cutoff, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

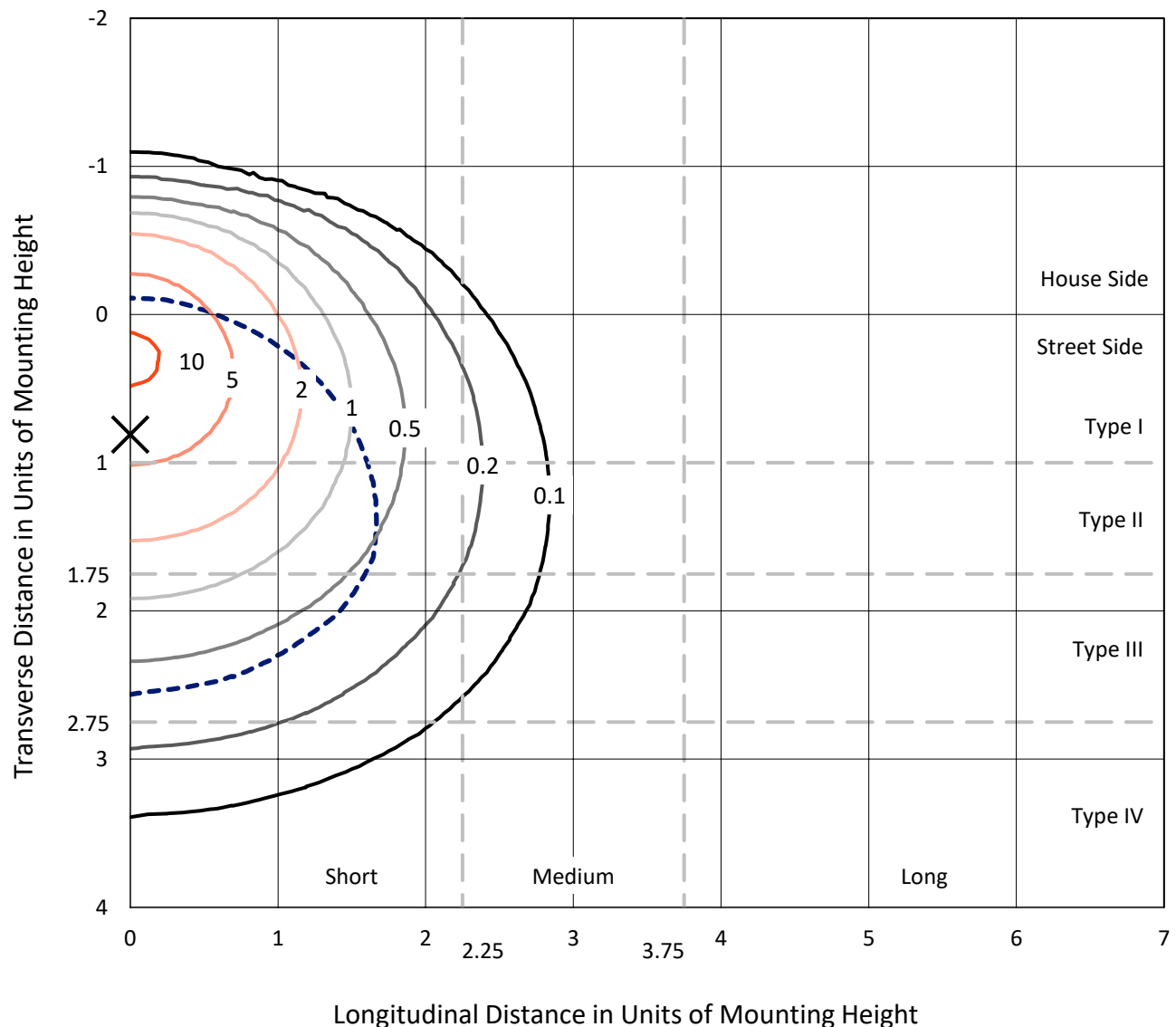
Lumens per Lamp: N/A
Luminaire Lumens: 10890 lumens
Efficiency: N/A
Efficacy: 122.2 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

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

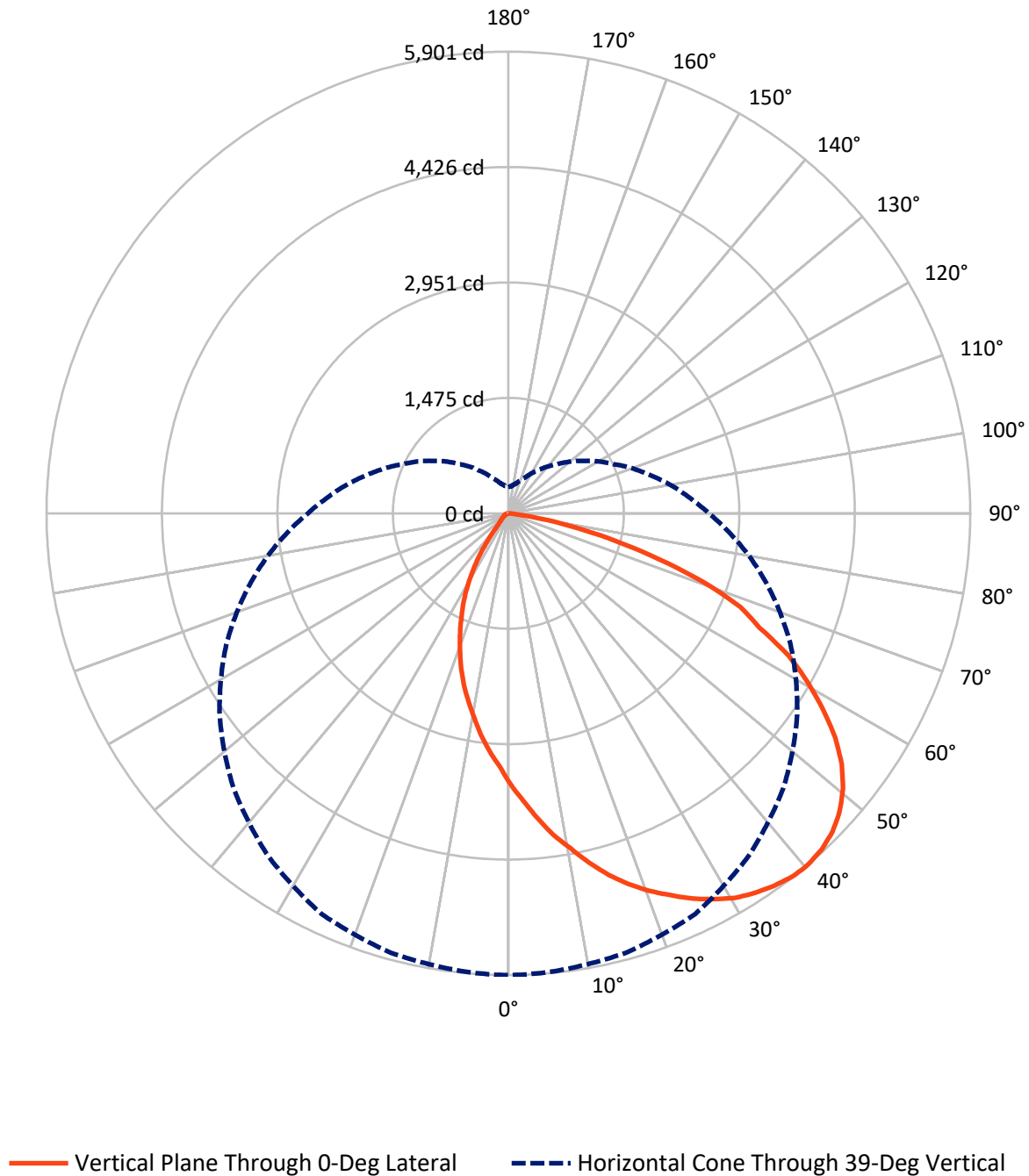
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 10.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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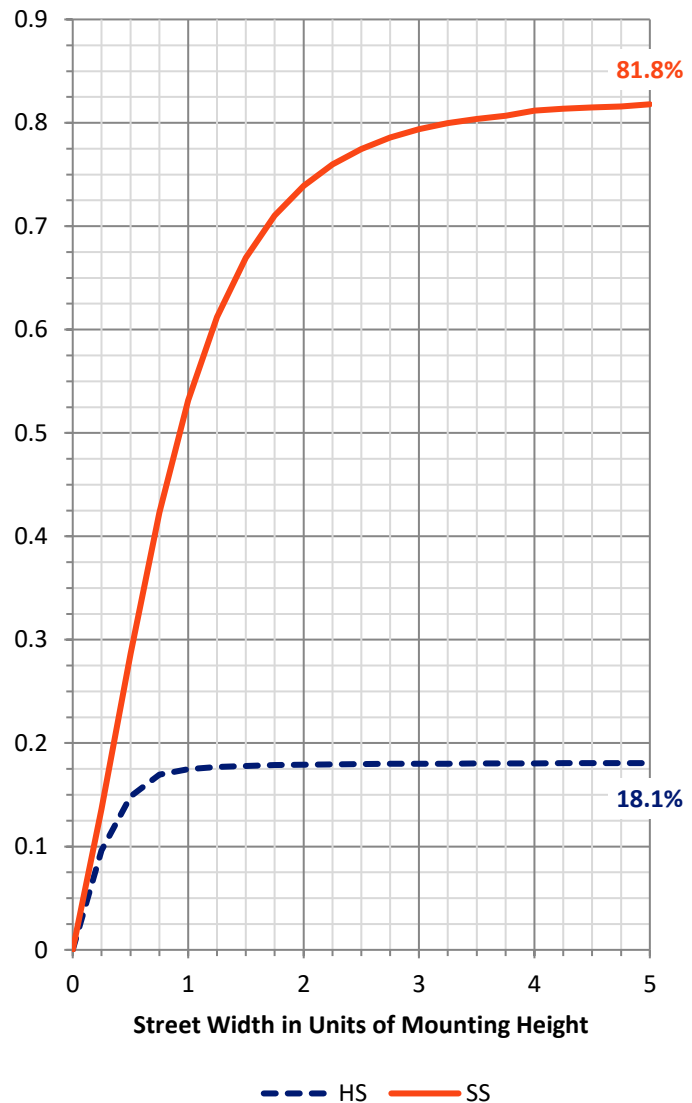
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1986.3	0.0	1986.3
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	8903.7	0.0	8903.7
	% Fixture	81.8	0.0	81.8
Total	Lumens	10890.0	0.0	10890.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	331.9	3.0
10°-20°	978.8	9.0
20°-30°	1527.3	14.0
30°-40°	1899.4	17.4
40°-50°	2044.3	18.8
50°-60°	1920.8	17.6
60°-70°	1455.0	13.4
70°-80°	673.6	6.2
80°-90°	59.1	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°	10890.0	100.0
0°-180°	10890.0	100.0



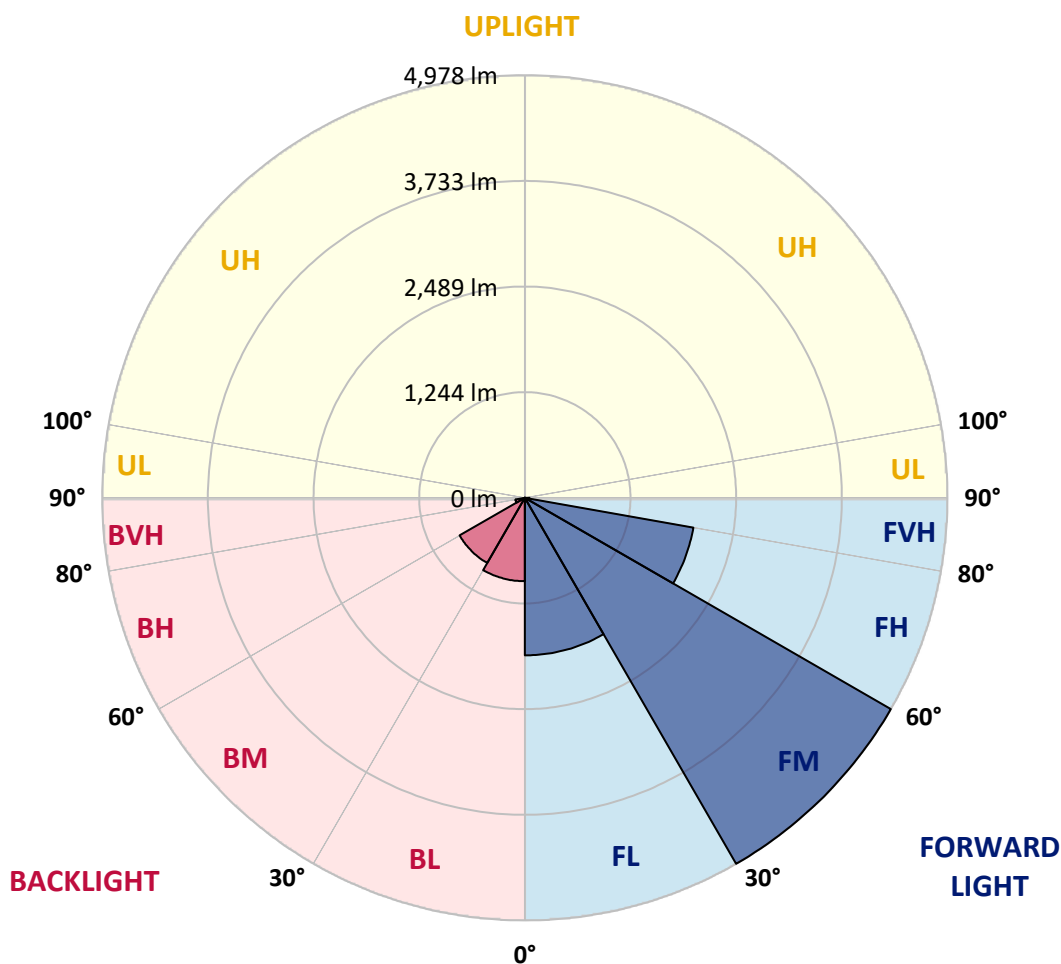
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1855.4	17.0			
FM	(30°-60°)	4977.8	45.7			
FH	(60°-80°)	2016.0	18.5			G2/5000
FVH	(80°-90°)	54.4	0.5			G1/100
BL	(0°-30°)	982.5	9.0	B2/1000		
BM	(30°-60°)	886.7	8.1	B1/1000		
BH	(60°-80°)	112.5	1.0	B1/500		G1/500
BVH	(80°-90°)	4.7	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-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0
2.5°	3680.6	3666.0	3673.6	3660.5	3659.1	3643.8	3616.1	3595.3	3569.0	3527.4	3483.7
5°	3919.0	3903.1	3910.0	3887.1	3873.3	3838.6	3782.5	3731.2	3671.6	3591.2	3511.4
7.5°	4152.6	4140.8	4142.9	4114.5	4085.4	4027.1	3944.7	3859.4	3762.4	3646.6	3526.0
10°	4355.0	4349.5	4357.8	4311.3	4270.4	4192.1	4086.1	3965.5	3831.0	3675.0	3519.8
12.5°	4579.6	4563.6	4571.3	4520.0	4465.9	4363.3	4228.8	4075.0	3901.7	3706.2	3510.1
15°	4795.1	4797.9	4793.8	4739.7	4671.1	4544.2	4380.6	4188.6	3975.2	3735.3	3498.3
17.5°	4983.7	4994.1	4991.3	4935.2	4841.6	4701.6	4513.0	4282.9	4027.1	3745.0	3463.6
20°	5152.8	5160.4	5155.6	5095.3	4988.5	4829.1	4615.6	4351.5	4053.5	3727.7	3408.9
22.5°	5301.8	5306.7	5302.5	5236.0	5116.8	4939.3	4702.3	4402.8	4066.0	3704.8	3353.4
25°	5455.7	5454.3	5450.8	5378.8	5248.5	5050.2	4785.4	4451.3	4083.3	3687.5	3301.4
27.5°	5584.6	5595.7	5586.7	5518.8	5376.7	5154.9	4858.9	4494.3	4097.1	3666.0	3243.2
30°	5705.2	5701.1	5694.1	5622.1	5472.3	5231.8	4906.7	4515.8	4091.6	3628.6	3173.9
32.5°	5783.6	5783.6	5767.6	5698.3	5543.7	5284.5	4934.5	4524.8	4072.2	3576.6	3087.9
35°	5847.3	5845.2	5830.0	5760.7	5602.0	5328.9	4957.3	4526.2	4046.5	3519.1	2996.4
37.5°	5891.0	5889.6	5875.1	5803.0	5638.0	5348.3	4967.7	4515.8	4008.4	3449.8	2897.3
39°	5901.4	5901.4	5887.5	5814.1	5649.8	5349.7	4967.7	4504.0	3977.9	3404.7	2834.2
40°	5900.0	5900.0	5886.1	5814.7	5649.1	5343.4	4960.8	4489.5	3954.4	3370.7	2790.6
42.5°	5870.9	5872.3	5858.4	5790.5	5626.2	5313.6	4922.0	4439.6	3882.3	3276.5	2673.4
45°	5805.7	5805.7	5793.3	5729.5	5561.1	5248.5	4854.7	4357.8	3790.1	3163.5	2546.6
47.5°	5694.8	5697.6	5683.7	5624.8	5454.3	5157.7	4765.3	4257.3	3677.1	3038.7	2402.4
50°	5540.3	5544.4	5530.6	5473.0	5317.8	5031.5	4642.6	4131.1	3536.4	2900.1	2247.2
52.5°	5331.6	5333.0	5326.8	5277.6	5137.6	4864.5	4485.3	3976.5	3381.1	2735.1	2081.5
55°	5068.9	5074.5	5066.2	5019.7	4903.3	4656.5	4294.0	3791.5	3198.1	2561.8	1900.6
57.5°	4742.5	4748.7	4743.2	4706.4	4615.6	4404.2	4064.6	3576.6	3014.5	2362.9	1710.7
60°	4400.1	4408.4	4402.1	4368.2	4280.8	4112.4	3802.6	3333.3	2779.5	2150.1	1515.2
62.5°	4023.0	4029.9	4024.4	4016.1	3933.6	3787.3	3520.5	3067.1	2539.0	1930.4	1316.3
65°	3526.0	3535.7	3516.3	3552.3	3537.8	3392.9	3185.7	2781.6	2265.9	1678.8	1121.5
67.5°	3197.5	3200.2	3171.1	3138.5	3036.6	3010.3	2831.5	2473.8	1985.2	1441.0	926.0
70°	2660.3	2608.3	2615.2	2658.9	2697.0	2550.1	2450.2	2138.3	1690.6	1192.2	738.9
72.5°	2019.1	1975.4	1986.5	2012.2	2078.0	2145.3	1993.5	1800.1	1391.1	962.1	553.1
75°	1421.6	1377.3	1390.4	1411.9	1462.5	1524.2	1563.0	1397.4	1073.7	726.4	402.7
77.5°	886.5	873.4	858.1	872.0	910.8	965.5	1012.7	1004.4	768.7	507.4	263.4
80°	421.4	409.6	402.0	413.1	438.1	503.2	544.1	544.1	472.7	310.5	149.7
82.5°	77.6	75.6	74.9	84.6	95.7	150.4	198.2	221.1	214.2	143.5	61.7
85°	36.0	34.0	34.7	35.4	36.0	40.2	42.3	50.6	59.6	39.5	20.1
87.5°	12.5	13.2	13.2	14.6	13.9	15.2	15.9	17.3	15.9	12.5	10.4
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°	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0	3465.0
2.5°	3461.5	3442.1	3405.4	3366.6	3331.9	3293.8	3269.5	3256.4	3240.4	3243.2	3234.2
5°	3471.9	3431.7	3360.3	3288.9	3225.9	3162.1	3117.7	3087.2	3061.6	3059.5	3051.2
7.5°	3467.1	3406.8	3300.7	3198.1	3106.7	3015.9	2951.4	2907.7	2869.6	2862.7	2855.0
10°	3442.8	3366.6	3227.3	3090.0	2974.3	2859.2	2776.7	2717.8	2669.3	2657.5	2646.4
12.5°	3414.4	3322.9	3149.6	2984.7	2846.7	2719.2	2613.8	2539.0	2483.5	2456.5	2453.7
15°	3383.9	3273.7	3066.4	2879.3	2712.9	2573.6	2454.4	2367.1	2301.2	2270.0	2265.2
17.5°	3331.9	3203.0	2967.3	2753.2	2566.0	2412.1	2279.0	2181.3	2106.5	2071.8	2064.2
20°	3257.8	3115.0	2850.9	2611.1	2404.5	2233.3	2091.2	1985.8	1904.1	1861.8	1852.1
22.5°	3183.6	3025.6	2735.1	2471.7	2245.1	2057.2	1901.3	1788.3	1700.3	1653.8	1644.8
25°	3115.7	2945.8	2623.5	2338.7	2091.2	1885.3	1714.8	1583.8	1500.6	1450.0	1439.7
27.5°	3040.8	2855.7	2507.1	2200.7	1935.2	1712.1	1527.7	1387.7	1298.3	1243.5	1252.5
30°	2951.4	2751.1	2378.9	2044.1	1767.5	1531.8	1335.7	1189.4	1096.5	1036.9	1045.9
32.5°	2849.5	2636.7	2241.6	1890.2	1603.2	1348.2	1150.6	994.7	899.0	844.2	842.9
35°	2743.4	2517.5	2096.7	1737.0	1434.8	1166.6	960.0	806.1	692.4	644.6	641.2
37.5°	2630.5	2392.7	1964.4	1581.7	1269.1	991.9	781.9	613.4	508.1	449.8	445.7
39°	2561.2	2318.6	1877.7	1486.1	1168.6	887.9	674.4	503.9	396.5	343.1	340.3
40°	2511.9	2267.3	1818.1	1423.0	1102.1	820.7	602.3	431.1	329.9	280.0	276.6
42.5°	2389.9	2131.4	1669.1	1263.6	936.4	655.7	430.4	274.5	210.7	192.7	191.3
45°	2245.8	1982.4	1506.9	1109.0	774.9	491.4	278.6	188.5	163.6	154.6	153.2
47.5°	2096.7	1827.8	1345.4	953.8	622.4	340.3	185.1	150.4	135.2	129.6	128.9
50°	1937.3	1666.3	1199.1	802.0	473.4	215.6	145.6	124.1	115.1	111.6	110.9
52.5°	1777.9	1500.6	1037.6	648.1	332.0	153.2	120.6	106.1	100.5	98.4	97.7
55°	1592.8	1333.6	880.3	512.2	212.8	123.4	101.2	92.2	88.7	85.3	85.3
57.5°	1423.0	1164.5	734.0	378.5	141.4	101.2	86.6	80.4	76.2	73.5	72.8
60°	1241.4	996.0	590.6	257.2	110.2	84.6	75.6	70.7	66.5	63.8	63.1
62.5°	1059.1	829.0	456.8	154.6	88.0	71.4	66.5	61.7	58.2	55.5	55.5
65°	881.7	671.7	333.4	101.9	71.4	61.0	56.8	53.4	50.6	48.5	48.5
67.5°	709.1	517.8	226.0	77.6	57.5	52.0	49.2	46.4	43.7	42.3	42.3
70°	546.9	385.4	135.9	58.2	47.1	43.7	42.3	39.5	38.1	36.0	36.0
72.5°	399.9	267.6	74.2	45.1	38.1	36.0	35.4	33.3	31.9	30.5	30.5
75°	280.7	169.8	46.4	34.7	29.8	29.1	29.1	27.7	26.3	25.0	25.0
77.5°	174.0	94.3	31.9	25.0	22.9	22.9	22.9	21.5	20.1	19.4	18.7
80°	92.9	45.1	21.5	18.0	16.6	16.6	16.6	15.9	14.6	13.9	13.2
82.5°	38.8	20.8	13.9	11.8	10.4	11.1	11.1	9.7	8.3	6.9	6.9
85°	14.6	11.8	9.7	8.3	7.6	6.9	6.2	4.9	3.5	2.8	2.8
87.5°	9.0	8.3	7.6	6.9	6.2	4.9	4.2	2.8	1.4	0.7	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)