

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: P1554978

Luminaire Tested: **AXCL10A**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554978
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
Description: Axcent Wall Mount Luminaire , Full Cutoff, 4000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12719 lumens
Efficiency: N/A
Efficacy: 142.7 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

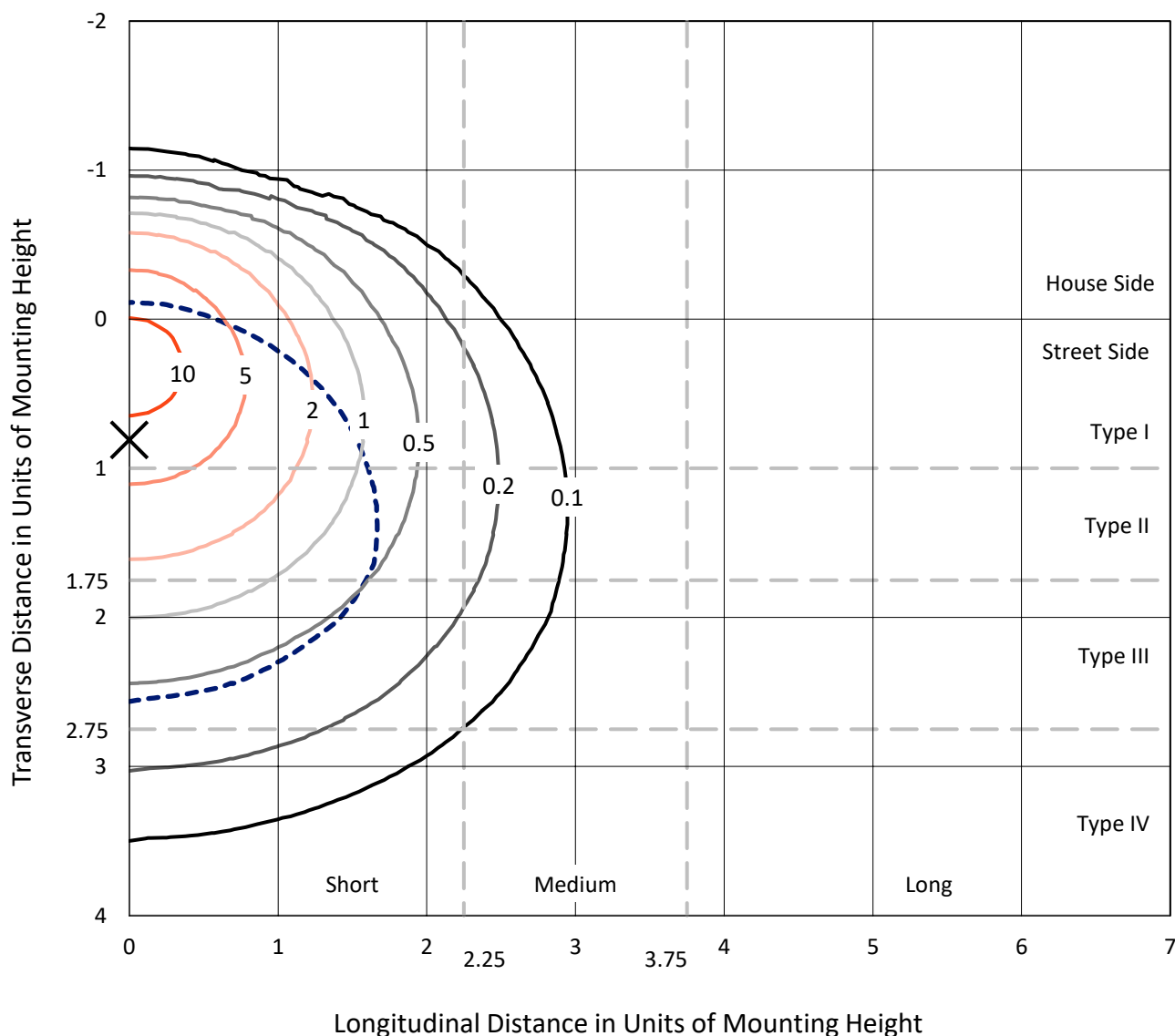
Input Watts (W): 89.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

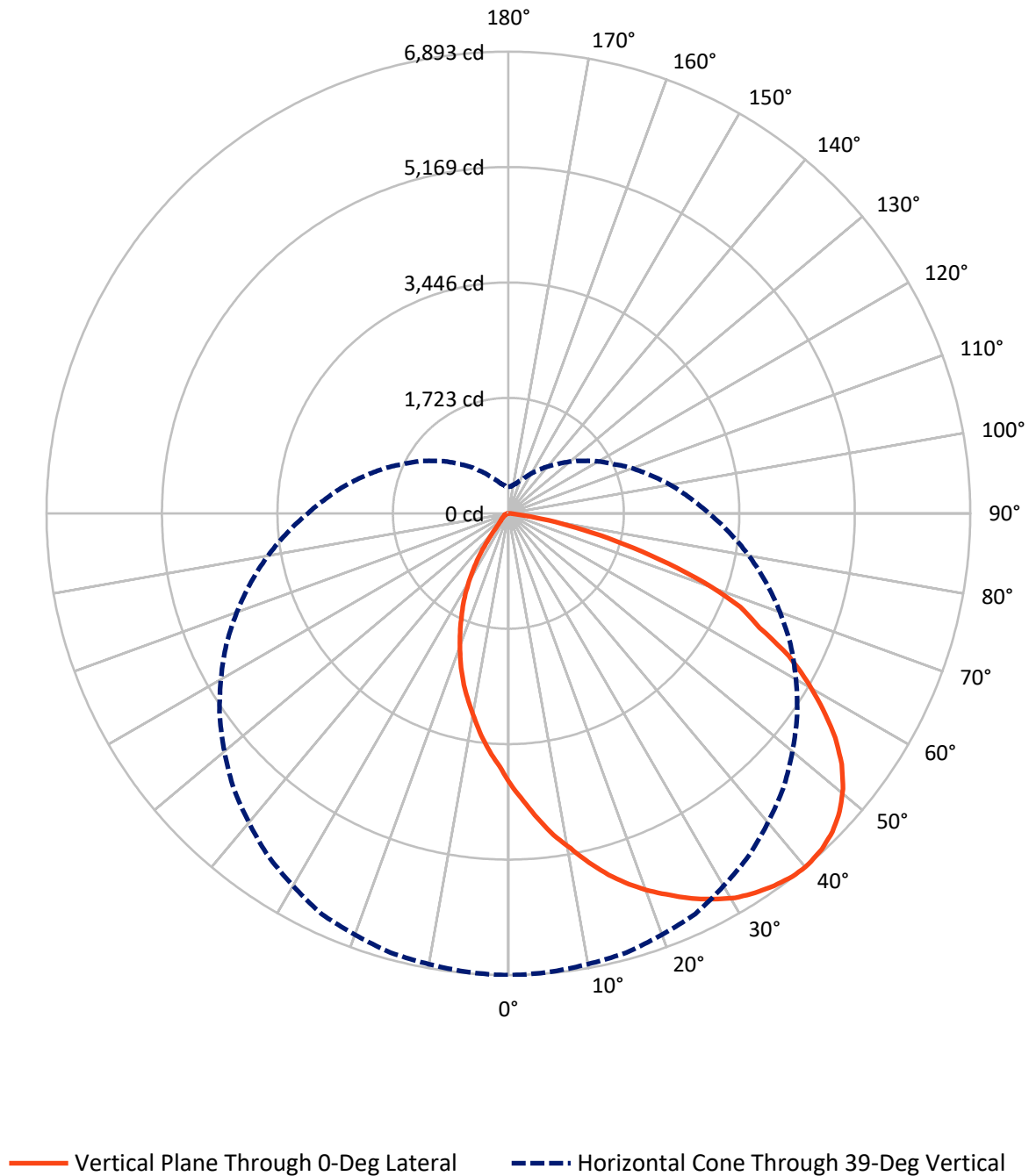
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 12.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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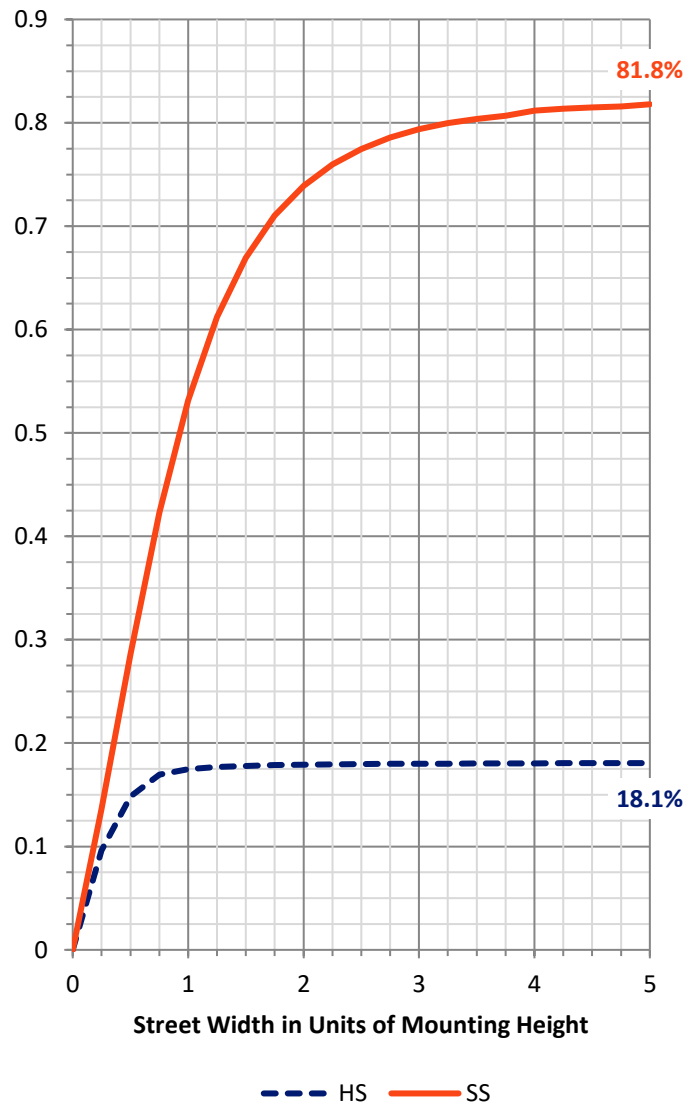
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2319.9	0.0	2319.9
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	10399.1	0.0	10399.1
	% Fixture	81.8	0.0	81.8
Total	Lumens	12719.0	0.0	12719.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	387.6	3.0
10°-20°	1143.2	9.0
20°-30°	1783.8	14.0
30°-40°	2218.4	17.4
40°-50°	2387.6	18.8
50°-60°	2243.4	17.6
60°-70°	1699.3	13.4
70°-80°	786.7	6.2
80°-90°	69.0	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°	12719.0	100.0
0°-180°	12719.0	100.0

Coefficient of Utilization



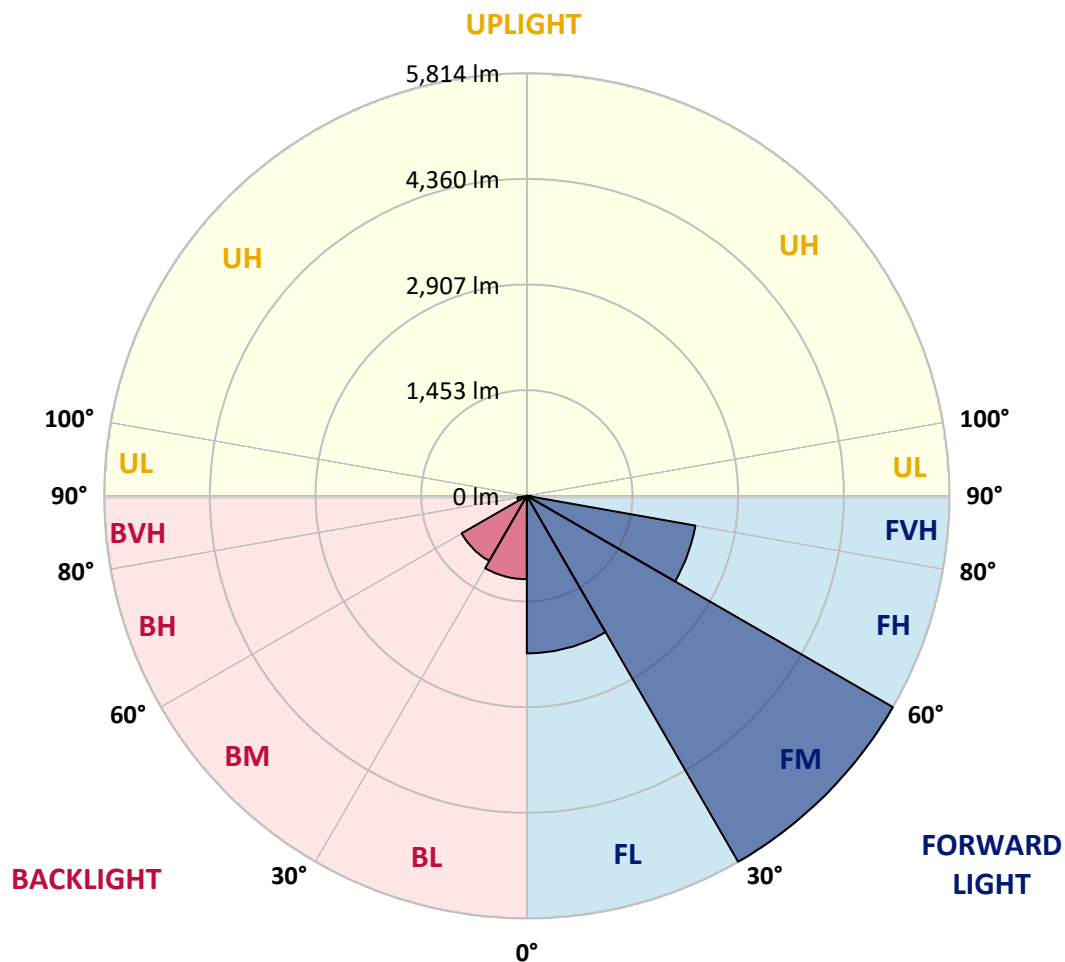
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2167.1	17.0			
FM	(30°-60°)	5813.8	45.7			
FH	(60°-80°)	2354.6	18.5			G2/5000
FVH	(80°-90°)	63.6	0.5			G1/100
BL	(0°-30°)	1147.5	9.0	B3/2500		
BM	(30°-60°)	1035.6	8.1	B2/2500		
BH	(60°-80°)	131.4	1.0	B1/500		G1/500
BVH	(80°-90°)	5.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0
2.5°	4298.7	4281.7	4290.6	4275.3	4273.6	4255.8	4223.4	4199.2	4168.4	4119.8	4068.8
5°	4577.2	4558.6	4566.7	4540.0	4523.8	4483.3	4417.7	4357.8	4288.2	4194.3	4101.2
7.5°	4850.0	4836.3	4838.7	4805.5	4771.5	4703.5	4607.2	4507.6	4394.3	4259.1	4118.2
10°	5086.4	5080.0	5089.7	5035.4	4987.7	4896.2	4772.3	4631.5	4474.4	4292.3	4110.9
12.5°	5348.7	5330.1	5339.0	5279.1	5216.0	5096.1	4939.1	4759.4	4557.0	4328.7	4099.6
15°	5600.5	5603.7	5598.9	5535.7	5455.6	5307.4	5116.4	4892.1	4642.8	4362.7	4085.8
17.5°	5820.7	5832.8	5829.6	5764.0	5654.7	5491.2	5271.0	5002.2	4703.5	4374.0	4045.3
20°	6018.2	6027.1	6021.5	5951.0	5826.4	5640.2	5390.8	5082.4	4734.3	4353.8	3981.4
22.5°	6192.3	6197.9	6193.1	6115.4	5976.1	5768.9	5492.0	5142.3	4748.8	4327.1	3916.6
25°	6372.0	6370.4	6366.3	6282.1	6129.9	5898.4	5589.2	5199.0	4769.1	4306.8	3855.9
27.5°	6522.6	6535.5	6525.0	6445.7	6279.7	6020.7	5675.0	5249.1	4785.3	4281.7	3787.9
30°	6663.4	6658.6	6650.5	6566.3	6391.4	6110.5	5730.8	5274.2	4778.8	4238.0	3706.9
32.5°	6754.9	6754.9	6736.3	6655.3	6474.8	6172.0	5763.2	5284.8	4756.1	4177.3	3606.6
35°	6829.4	6827.0	6809.2	6728.2	6542.8	6223.9	5789.9	5286.4	4726.2	4110.1	3499.7
37.5°	6880.4	6878.8	6861.8	6777.6	6584.9	6246.5	5802.1	5274.2	4681.7	4029.2	3383.9
39°	6892.5	6892.5	6876.4	6790.5	6598.7	6248.1	5802.1	5260.5	4646.0	3976.5	3310.3
40°	6890.9	6890.9	6874.7	6791.3	6597.9	6240.9	5794.0	5243.5	4618.5	3936.9	3259.3
42.5°	6856.9	6858.5	6842.4	6763.0	6571.1	6206.0	5748.6	5185.2	4534.3	3826.8	3122.4
45°	6780.8	6780.8	6766.3	6691.8	6495.1	6129.9	5670.1	5089.7	4426.6	3694.8	2974.3
47.5°	6651.3	6654.5	6638.3	6569.5	6370.4	6023.9	5565.7	4972.3	4294.7	3549.1	2805.9
50°	6470.8	6475.6	6459.4	6392.2	6210.9	5876.6	5422.4	4824.9	4130.3	3387.2	2624.6
52.5°	6227.1	6228.7	6221.4	6163.9	6000.4	5681.4	5238.6	4644.4	3949.0	3194.5	2431.1
55°	5920.3	5926.7	5917.0	5862.8	5726.8	5438.6	5015.2	4428.3	3735.3	2992.1	2219.8
57.5°	5539.0	5546.3	5539.8	5496.9	5390.8	5143.9	4747.2	4177.3	3520.8	2759.8	1998.0
60°	5139.0	5148.8	5141.5	5101.8	4999.8	4803.1	4441.2	3893.1	3246.3	2511.2	1769.7
62.5°	4698.7	4706.7	4700.3	4690.6	4594.2	4423.4	4111.7	3582.3	2965.4	2254.6	1537.3
65°	4118.2	4129.5	4106.9	4149.0	4132.0	3962.8	3720.7	3248.7	2646.4	1960.7	1309.9
67.5°	3734.5	3737.7	3703.7	3665.7	3546.7	3515.9	3307.0	2889.3	2318.6	1683.1	1081.6
70°	3107.1	3046.4	3054.4	3105.4	3150.0	2978.3	2861.8	2497.5	1974.5	1392.4	863.0
72.5°	2358.2	2307.2	2320.2	2350.1	2427.0	2505.6	2328.3	2102.4	1624.8	1123.7	646.0
75°	1660.4	1608.6	1624.0	1649.1	1708.2	1780.2	1825.5	1632.1	1254.0	848.4	470.4
77.5°	1035.4	1020.0	1002.2	1018.4	1063.8	1127.7	1182.8	1173.0	897.8	592.6	307.6
80°	492.2	478.4	469.5	482.5	511.6	587.7	635.5	635.5	552.1	362.7	174.9
82.5°	90.7	88.2	87.4	98.8	111.7	175.7	231.5	258.2	250.2	167.6	72.1
85°	42.1	39.7	40.5	41.3	42.1	47.0	49.4	59.1	69.6	46.1	23.5
87.5°	14.6	15.4	15.4	17.0	16.2	17.8	18.6	20.2	18.6	14.6	12.1
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°	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0	4047.0
2.5°	4042.9	4020.2	3977.3	3932.0	3891.5	3847.0	3818.7	3803.3	3784.7	3787.9	3777.4
5°	4055.1	4008.1	3924.7	3841.3	3767.7	3693.2	3641.4	3605.8	3575.8	3573.4	3563.7
7.5°	4049.4	3979.0	3855.1	3735.3	3628.4	3522.4	3447.1	3396.1	3351.6	3343.5	3334.6
10°	4021.1	3932.0	3769.3	3609.0	3473.8	3339.4	3243.1	3174.3	3117.6	3103.8	3090.9
12.5°	3987.9	3881.0	3678.6	3485.9	3324.8	3175.9	3052.8	2965.4	2900.6	2869.1	2865.8
15°	3952.2	3823.5	3581.5	3362.9	3168.6	3005.9	2866.6	2764.6	2687.7	2651.3	2645.6
17.5°	3891.5	3740.9	3465.7	3215.5	2997.0	2817.2	2661.8	2547.7	2460.2	2419.8	2410.9
20°	3804.9	3638.1	3329.7	3049.6	2808.3	2608.4	2442.4	2319.4	2223.8	2174.5	2163.1
22.5°	3718.3	3533.7	3194.5	2886.9	2622.1	2402.8	2220.6	2088.6	1985.8	1931.6	1921.1
25°	3638.9	3440.6	3064.2	2731.4	2442.4	2202.0	2002.8	1849.8	1752.7	1693.6	1681.4
27.5°	3551.5	3335.4	2928.2	2570.3	2260.3	1999.6	1784.3	1620.7	1516.3	1452.3	1462.9
30°	3447.1	3213.1	2778.4	2387.4	2064.4	1789.1	1560.0	1389.2	1280.7	1211.1	1221.6
32.5°	3328.1	3079.5	2618.1	2207.7	1872.5	1574.6	1343.9	1161.7	1050.0	986.0	984.4
35°	3204.2	2940.3	2448.9	2028.7	1675.8	1362.5	1121.2	941.5	808.7	752.9	748.8
37.5°	3072.3	2794.6	2294.3	1847.4	1482.3	1158.5	913.2	716.5	593.4	525.4	520.5
39°	2991.3	2708.0	2193.1	1735.7	1364.9	1037.0	787.7	588.5	463.1	400.7	397.5
40°	2933.8	2648.1	2123.5	1662.0	1287.2	958.5	703.5	503.5	385.3	327.1	323.0
42.5°	2791.3	2489.4	1949.4	1475.8	1093.7	765.8	502.7	320.6	246.1	225.1	223.4
45°	2623.0	2315.3	1760.0	1295.3	905.1	574.0	325.4	220.2	191.1	180.5	178.9
47.5°	2448.9	2134.8	1571.3	1113.9	727.0	397.5	216.2	175.7	157.9	151.4	150.6
50°	2262.7	1946.2	1400.5	936.7	552.9	251.8	170.0	144.9	134.4	130.3	129.5
52.5°	2076.5	1752.7	1211.9	756.9	387.8	178.9	140.9	123.9	117.4	115.0	114.1
55°	1860.4	1557.6	1028.1	598.3	248.5	144.1	118.2	107.7	103.6	99.6	99.6
57.5°	1662.0	1360.1	857.3	442.0	165.1	118.2	101.2	93.9	89.1	85.8	85.0
60°	1449.9	1163.3	689.7	300.3	128.7	98.8	88.2	82.6	77.7	74.5	73.7
62.5°	1237.0	968.2	533.5	180.5	102.8	83.4	77.7	72.1	68.0	64.8	64.8
65°	1029.8	784.5	389.4	119.0	83.4	71.2	66.4	62.3	59.1	56.7	56.7
67.5°	828.2	604.7	263.9	90.7	67.2	60.7	57.5	54.2	51.0	49.4	49.4
70°	638.7	450.1	158.7	68.0	55.0	51.0	49.4	46.1	44.5	42.1	42.1
72.5°	467.1	312.5	86.6	52.6	44.5	42.1	41.3	38.9	37.2	35.6	35.6
75°	327.9	198.3	54.2	40.5	34.8	34.0	34.0	32.4	30.8	29.1	29.1
77.5°	203.2	110.1	37.2	29.1	26.7	26.7	26.7	25.1	23.5	22.7	21.9
80°	108.5	52.6	25.1	21.0	19.4	19.4	19.4	18.6	17.0	16.2	15.4
82.5°	45.3	24.3	16.2	13.8	12.1	13.0	13.0	11.3	9.7	8.1	8.1
85°	17.0	13.8	11.3	9.7	8.9	8.1	7.3	5.7	4.0	3.2	3.2
87.5°	10.5	9.7	8.9	8.1	7.3	5.7	4.9	3.2	1.6	0.8	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)