

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: P1554986

Luminaire Tested: **AXCL12A-W**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554986
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: AXCL12A-W
Description: Axcent Wall Mount Luminaire , Full Cutoff, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

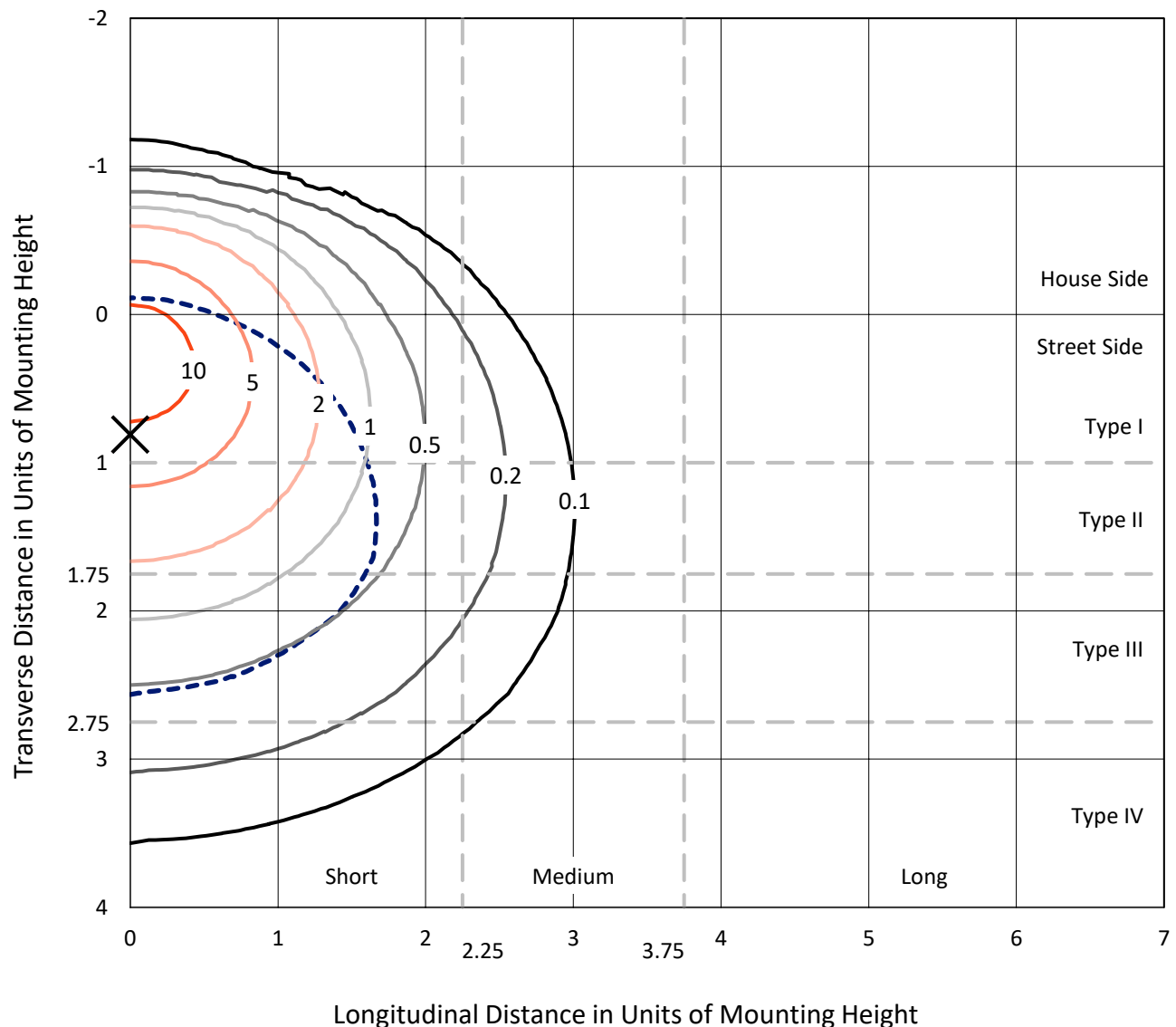
Lumens per Lamp: N/A
Luminaire Lumens: 13958 lumens
Efficiency: N/A
Efficacy: 121.1 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 115.3
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

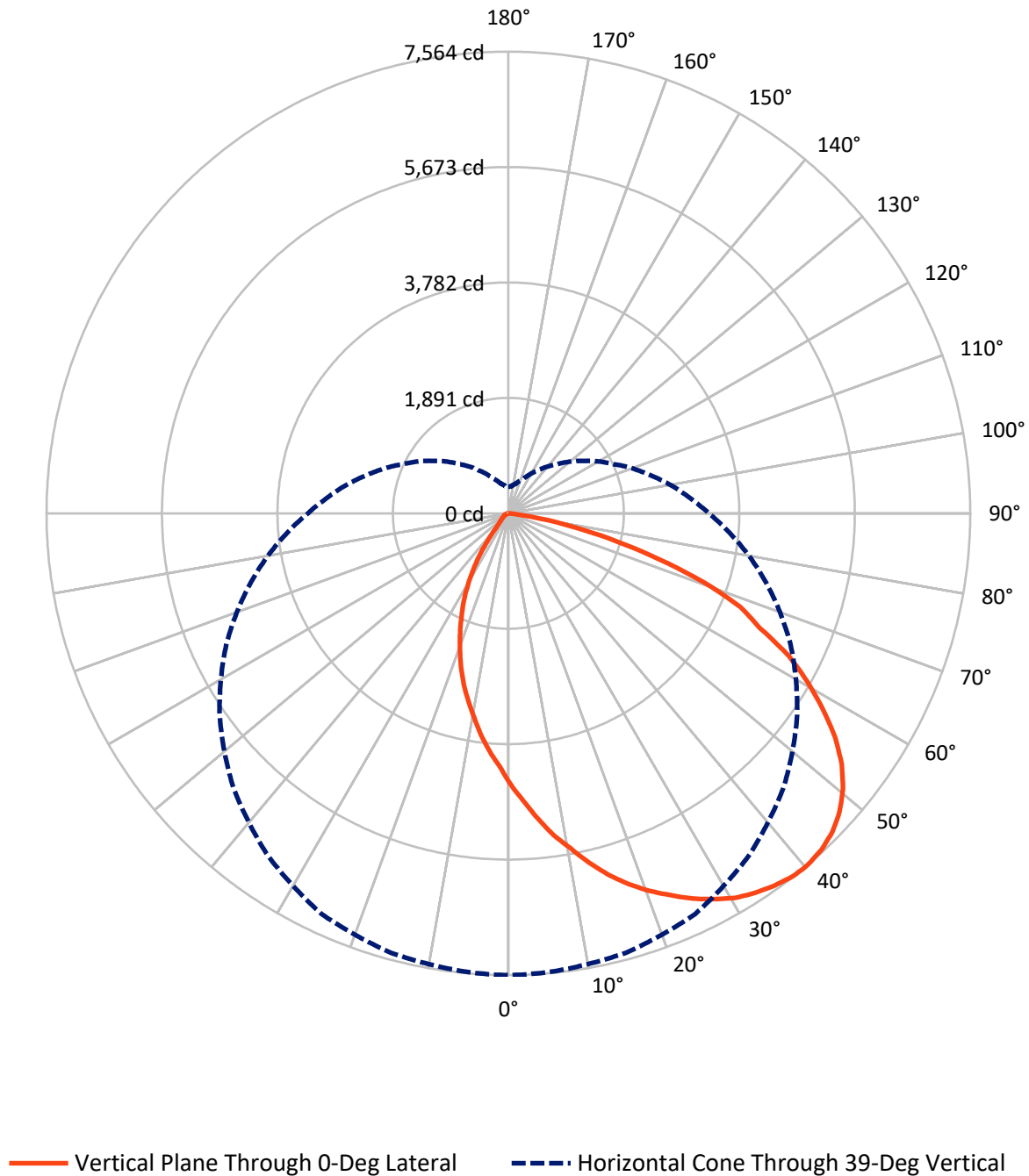
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 13.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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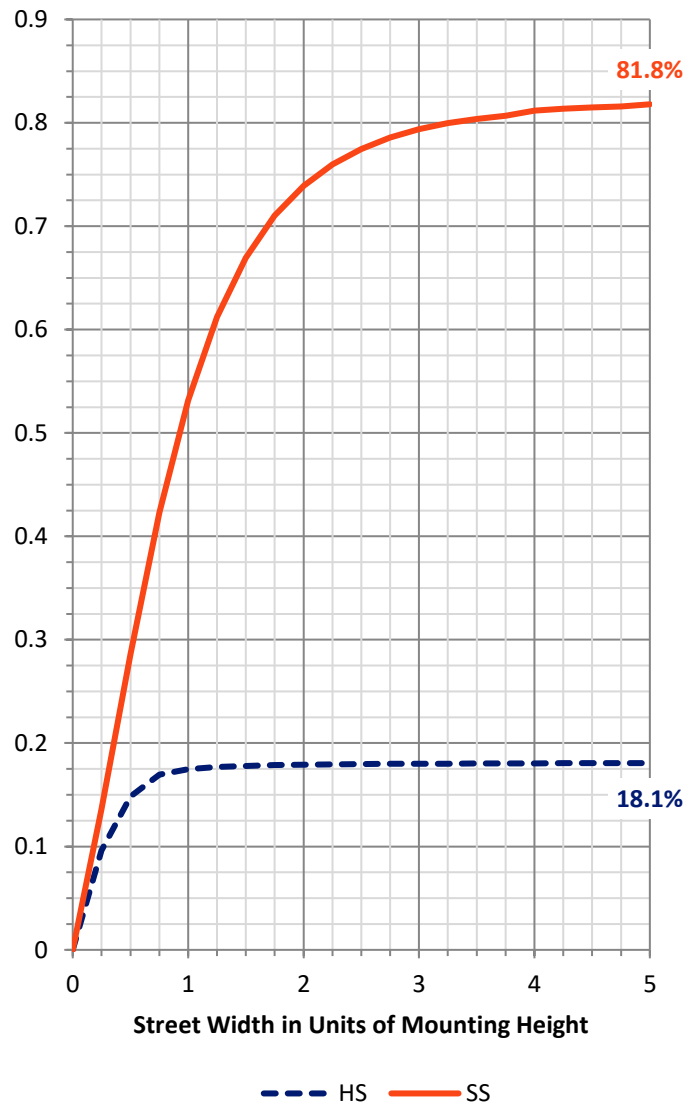
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2545.9	0.0	2545.9
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	11412.1	0.0	11412.1
	% Fixture	81.8	0.0	81.8
Total	Lumens	13958.0	0.0	13958.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	425.4	3.0
10°-20°	1254.5	9.0
20°-30°	1957.6	14.0
30°-40°	2434.5	17.4
40°-50°	2620.2	18.8
50°-60°	2461.9	17.6
60°-70°	1864.8	13.4
70°-80°	863.3	6.2
80°-90°	75.7	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°	13958.0	100.0
0°-180°	13958.0	100.0



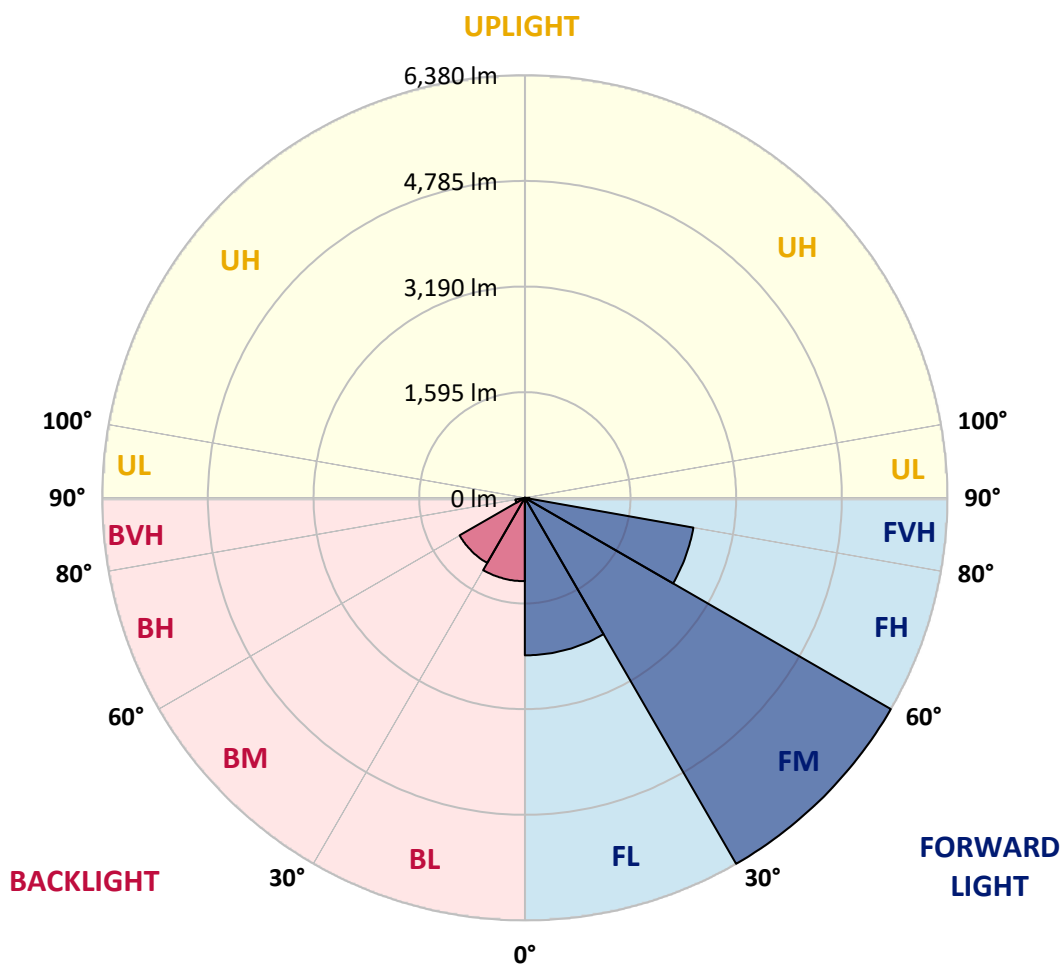
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2378.2	17.0			
FM	(30°-60°)	6380.1	45.7			
FH	(60°-80°)	2584.0	18.5			G2/5000
FVH	(80°-90°)	69.7	0.5			G1/100
BL	(0°-30°)	1259.3	9.0	B3/2500		
BM	(30°-60°)	1136.5	8.1	B2/2500		
BH	(60°-80°)	144.2	1.0	B1/500		G1/500
BVH	(80°-90°)	6.0	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°	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2
2.5°	4717.5	4698.8	4708.6	4691.7	4689.9	4670.4	4634.9	4608.2	4574.5	4521.1	4465.2
5°	5023.1	5002.7	5011.6	4982.2	4964.5	4920.0	4848.1	4782.3	4705.9	4602.9	4500.7
7.5°	5322.5	5307.4	5310.1	5273.6	5236.3	5161.7	5056.0	4946.7	4822.3	4674.0	4519.4
10°	5581.9	5574.8	5585.5	5525.9	5473.5	5373.1	5237.2	5082.6	4910.3	4710.4	4511.4
12.5°	5869.8	5849.3	5859.1	5793.4	5724.1	5592.6	5420.2	5223.0	5000.9	4750.4	4498.9
15°	6146.1	6149.6	6144.3	6075.0	5987.0	5824.5	5614.8	5368.7	5095.1	4787.7	4483.8
17.5°	6387.7	6401.0	6397.5	6325.5	6205.6	6026.1	5784.5	5489.5	5161.7	4800.1	4439.4
20°	6604.5	6614.3	6608.0	6530.7	6393.9	6189.6	5916.0	5577.5	5195.5	4777.9	4369.2
22.5°	6795.5	6801.7	6796.4	6711.1	6558.3	6330.8	6027.0	5643.2	5211.4	4748.6	4298.2
25°	6992.7	6990.9	6986.5	6894.1	6727.1	6473.0	6133.6	5705.4	5233.7	4726.4	4231.5
27.5°	7158.0	7172.2	7160.6	7073.6	6891.4	6607.1	6227.8	5760.5	5251.4	4698.8	4156.9
30°	7312.5	7307.2	7298.3	7205.9	7014.0	6705.8	6289.1	5788.0	5244.3	4650.9	4068.1
32.5°	7412.9	7412.9	7392.5	7303.7	7105.5	6773.3	6324.6	5799.6	5219.4	4584.2	3957.9
35°	7494.7	7492.0	7472.5	7383.6	7180.2	6830.1	6353.9	5801.4	5186.6	4510.5	3840.6
37.5°	7550.6	7548.9	7530.2	7437.8	7226.4	6855.0	6367.3	5788.0	5137.7	4421.6	3713.6
39°	7564.0	7564.0	7546.2	7452.0	7241.5	6856.8	6367.3	5772.9	5098.6	4363.9	3632.7
40°	7562.2	7562.2	7544.4	7452.9	7240.6	6848.8	6358.4	5754.3	5068.4	4320.4	3576.8
42.5°	7524.9	7526.7	7508.9	7421.8	7211.3	6810.6	6308.6	5690.3	4976.0	4199.5	3426.6
45°	7441.4	7441.4	7425.4	7343.6	7127.8	6727.1	6222.5	5585.5	4857.9	4054.7	3264.0
47.5°	7299.2	7302.8	7285.0	7209.5	6990.9	6610.7	6107.9	5456.6	4713.0	3894.8	3079.2
50°	7101.1	7106.4	7088.7	7014.9	6815.9	6449.0	5950.6	5295.0	4532.7	3717.1	2880.2
52.5°	6833.7	6835.5	6827.5	6764.4	6584.9	6234.9	5748.9	5096.8	4333.7	3505.7	2667.9
55°	6497.0	6504.1	6493.4	6433.9	6284.6	5968.4	5503.7	4859.6	4099.1	3283.6	2436.0
57.5°	6078.5	6086.5	6079.4	6032.3	5916.0	5645.0	5209.7	4584.2	3863.7	3028.6	2192.6
60°	5639.7	5650.3	5642.3	5598.8	5486.9	5271.0	4873.8	4272.4	3562.5	2755.9	1942.1
62.5°	5156.4	5165.2	5158.1	5147.5	5041.8	4854.3	4512.3	3931.2	3254.3	2474.2	1687.1
65°	4519.4	4531.8	4506.9	4553.1	4534.5	4348.8	4083.2	3565.2	2904.2	2151.7	1437.5
67.5°	4098.3	4101.8	4064.5	4022.7	3892.1	3858.4	3629.2	3170.8	2544.4	1847.0	1186.9
70°	3409.7	3343.1	3352.0	3408.0	3456.8	3268.5	3140.5	2740.8	2166.8	1528.1	947.1
72.5°	2588.0	2532.0	2546.2	2579.1	2663.5	2749.6	2555.1	2307.2	1783.0	1233.1	709.0
75°	1822.1	1765.3	1782.2	1809.7	1874.6	1953.6	2003.4	1791.0	1376.2	931.1	516.2
77.5°	1136.3	1119.4	1099.9	1117.6	1167.4	1237.6	1298.0	1287.3	985.3	650.3	337.6
80°	540.2	525.1	515.3	529.5	561.5	645.0	697.4	697.4	605.9	398.0	191.9
82.5°	99.5	96.8	95.9	108.4	122.6	192.8	254.1	283.4	274.5	183.9	79.1
85°	46.2	43.5	44.4	45.3	46.2	51.5	54.2	64.9	76.4	50.6	25.8
87.5°	16.0	16.9	16.9	18.7	17.8	19.5	20.4	22.2	20.4	16.0	13.3
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°	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2	4441.2
2.5°	4436.7	4411.9	4364.8	4315.0	4270.6	4221.7	4190.7	4173.8	4153.3	4156.9	4145.3
5°	4450.1	4398.5	4307.0	4215.5	4134.7	4053.0	3996.1	3957.0	3924.1	3921.5	3910.8
7.5°	4443.9	4366.6	4230.6	4099.1	3981.9	3865.5	3782.9	3726.9	3678.0	3669.2	3659.4
10°	4412.8	4315.0	4136.5	3960.6	3812.2	3664.7	3559.0	3483.5	3421.3	3406.2	3392.0
12.5°	4376.3	4259.1	4037.0	3825.5	3648.7	3485.3	3350.2	3254.3	3183.2	3148.5	3145.0
15°	4337.2	4196.0	3930.3	3690.5	3477.3	3298.7	3145.9	3033.9	2949.5	2909.6	2903.3
17.5°	4270.6	4105.4	3803.3	3528.8	3288.9	3091.7	2921.1	2795.8	2699.9	2655.5	2645.7
20°	4175.6	3992.5	3654.1	3346.7	3081.9	2862.5	2680.3	2545.3	2440.5	2386.3	2373.8
22.5°	4080.5	3877.9	3505.7	3168.1	2877.6	2636.8	2436.9	2292.1	2179.3	2119.8	2108.2
25°	3993.4	3775.8	3362.7	2997.5	2680.3	2416.5	2197.9	2030.0	1923.4	1858.6	1845.2
27.5°	3897.5	3660.3	3213.4	2820.7	2480.5	2194.4	1958.1	1778.6	1664.0	1593.8	1605.4
30°	3782.9	3526.1	3049.0	2619.9	2265.5	1963.4	1712.0	1524.5	1405.5	1329.1	1340.6
32.5°	3652.3	3379.5	2873.1	2422.7	2054.9	1728.0	1474.8	1274.9	1152.3	1082.1	1080.3
35°	3516.3	3226.7	2687.5	2226.4	1839.0	1495.2	1230.5	1033.2	887.5	826.2	821.8
37.5°	3371.5	3066.8	2517.8	2027.4	1626.7	1271.3	1002.1	786.2	651.2	576.6	571.3
39°	3282.7	2971.7	2406.7	1904.8	1497.9	1138.1	864.4	645.9	508.2	439.8	436.2
40°	3219.6	2906.0	2330.3	1823.9	1412.6	1051.9	772.0	552.6	422.9	358.9	354.5
42.5°	3063.3	2731.9	2139.3	1619.6	1200.2	840.4	551.7	351.8	270.1	247.0	245.2
45°	2878.5	2540.9	1931.4	1421.5	993.2	629.9	357.1	241.6	209.7	198.1	196.3
47.5°	2687.5	2342.8	1724.4	1222.5	797.8	436.2	237.2	192.8	173.2	166.1	165.2
50°	2483.1	2135.8	1537.0	1027.9	606.8	276.3	186.6	159.0	147.5	143.0	142.1
52.5°	2278.8	1923.4	1330.0	830.7	425.6	196.3	154.6	135.9	128.8	126.2	125.3
55°	2041.6	1709.3	1128.3	656.5	272.7	158.1	129.7	118.2	113.7	109.3	109.3
57.5°	1823.9	1492.5	940.8	485.1	181.2	129.7	111.1	103.1	97.7	94.2	93.3
60°	1591.2	1276.7	756.9	329.6	141.3	108.4	96.8	90.6	85.3	81.7	80.8
62.5°	1357.5	1062.5	585.5	198.1	112.8	91.5	85.3	79.1	74.6	71.1	71.1
65°	1130.1	860.9	427.3	130.6	91.5	78.2	72.9	68.4	64.9	62.2	62.2
67.5°	908.8	663.6	289.6	99.5	73.7	66.6	63.1	59.5	56.0	54.2	54.2
70°	701.0	494.0	174.1	74.6	60.4	56.0	54.2	50.6	48.9	46.2	46.2
72.5°	512.6	342.9	95.1	57.7	48.9	46.2	45.3	42.6	40.9	39.1	39.1
75°	359.8	217.7	59.5	44.4	38.2	37.3	37.3	35.5	33.8	32.0	32.0
77.5°	223.0	120.8	40.9	32.0	29.3	29.3	29.3	27.5	25.8	24.9	24.0
80°	119.0	57.7	27.5	23.1	21.3	21.3	21.3	20.4	18.7	17.8	16.9
82.5°	49.8	26.7	17.8	15.1	13.3	14.2	14.2	12.4	10.7	8.9	8.9
85°	18.7	15.1	12.4	10.7	9.8	8.9	8.0	6.2	4.4	3.6	3.6
87.5°	11.5	10.7	9.8	8.9	8.0	6.2	5.3	3.6	1.8	0.9	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)