

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: P1554974

Luminaire Tested: **AXCL10A-C**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554974
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-C
Description: Axcent Wall Mount Luminaire , Full Cutoff, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

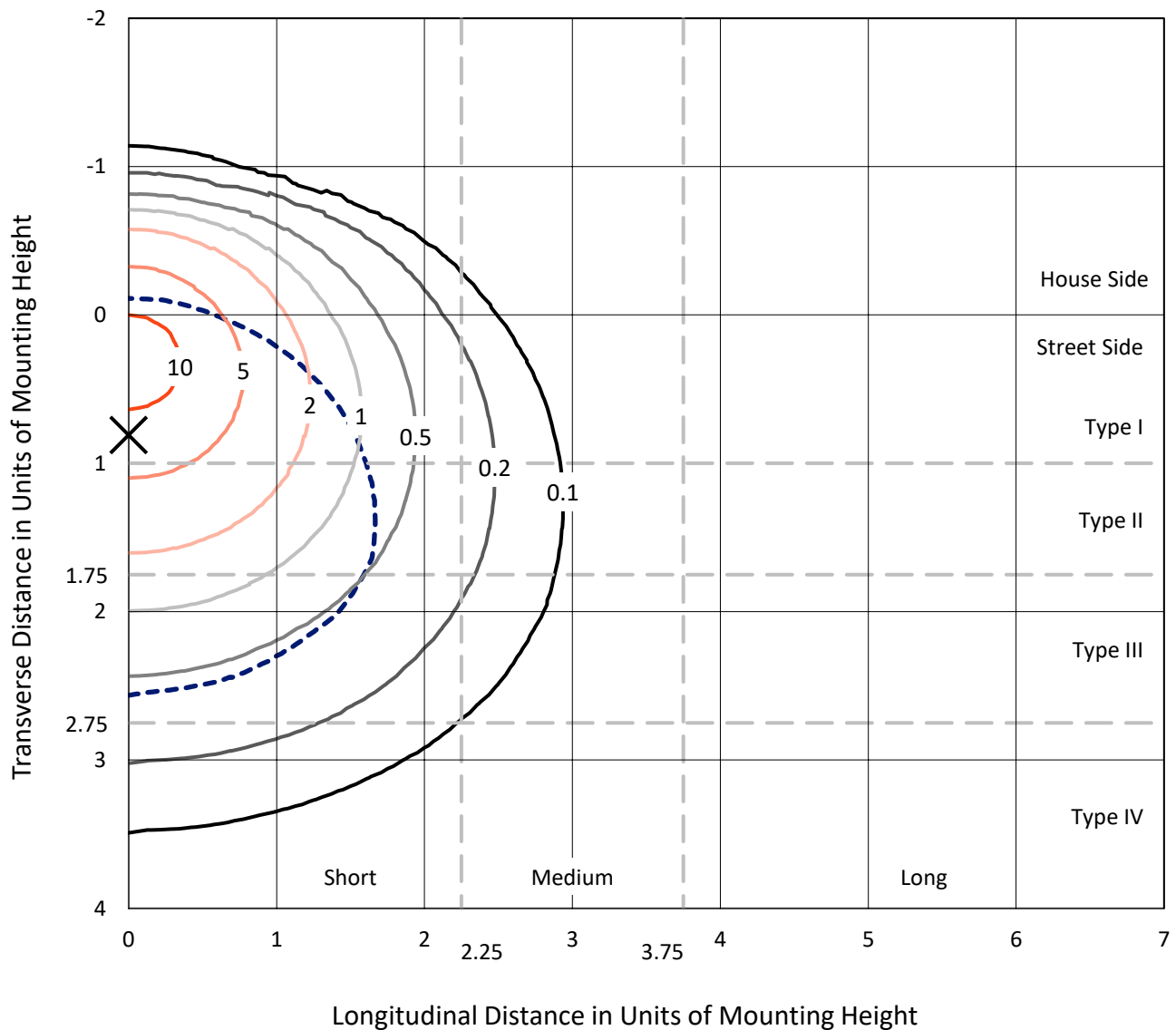
Lumens per Lamp: N/A
Luminaire Lumens: 12564 lumens
Efficiency: N/A
Efficacy: 141.0 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

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

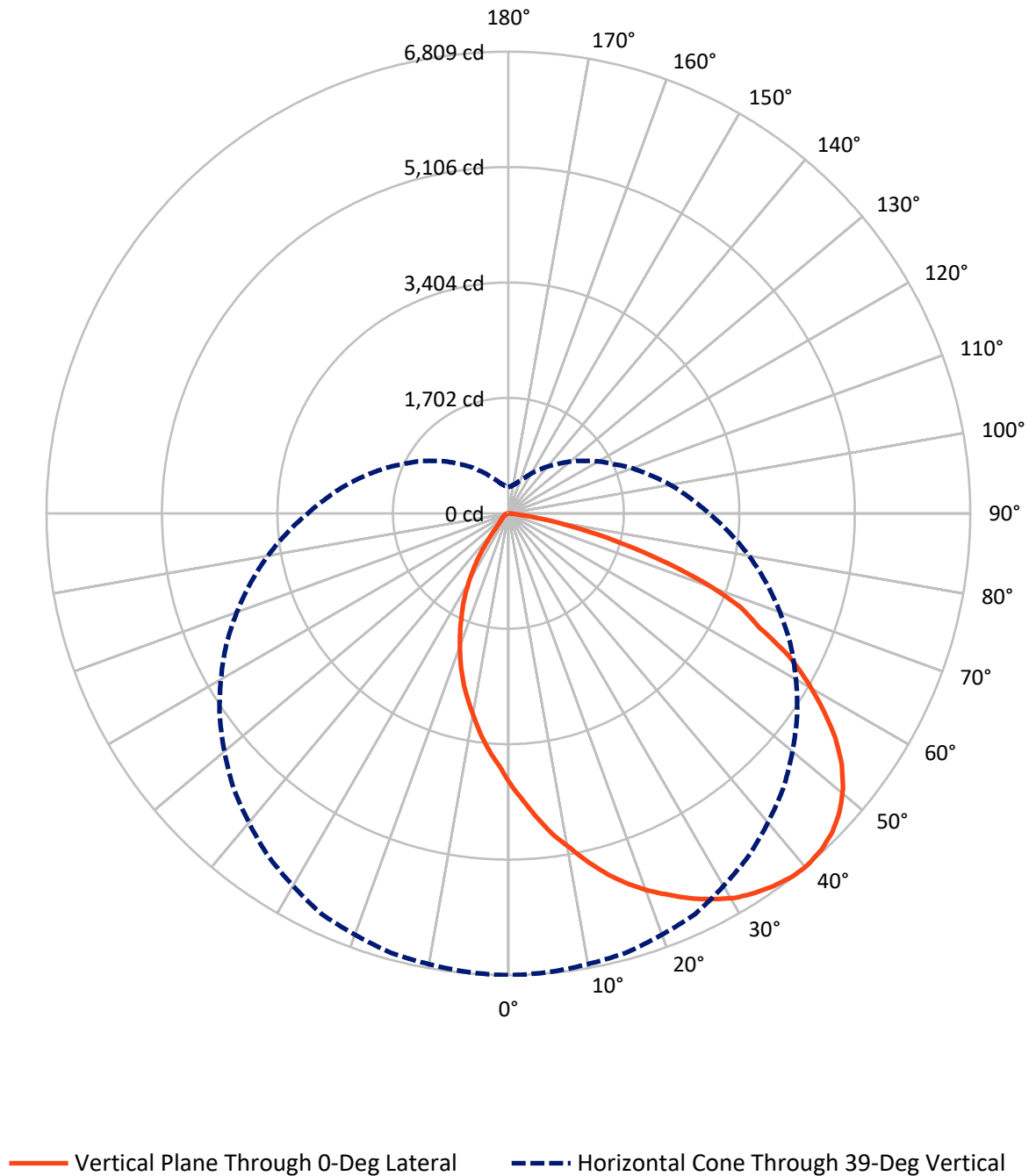
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 12.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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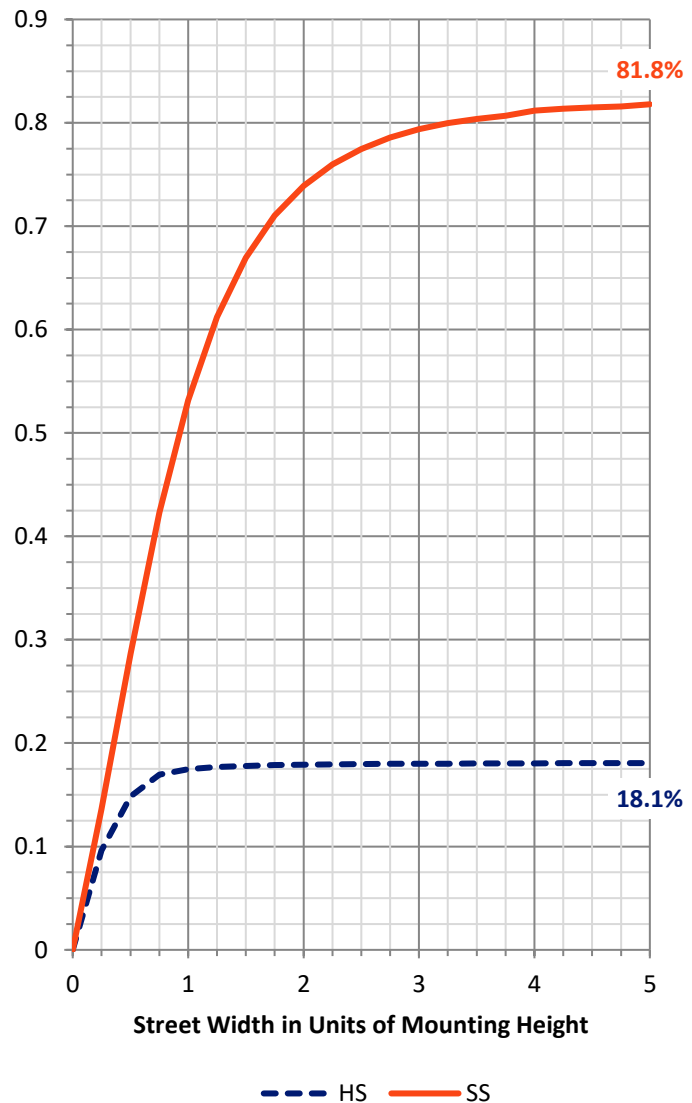
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2291.7	0.0	2291.7
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	10272.3	0.0	10272.3
	% Fixture	81.8	0.0	81.8
Total	Lumens	12564.0	0.0	12564.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	382.9	3.0
10°-20°	1129.2	9.0
20°-30°	1762.0	14.0
30°-40°	2191.4	17.4
40°-50°	2358.5	18.8
50°-60°	2216.0	17.6
60°-70°	1678.6	13.4
70°-80°	777.1	6.2
80°-90°	68.2	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°	12564.0	100.0
0°-180°	12564.0	100.0



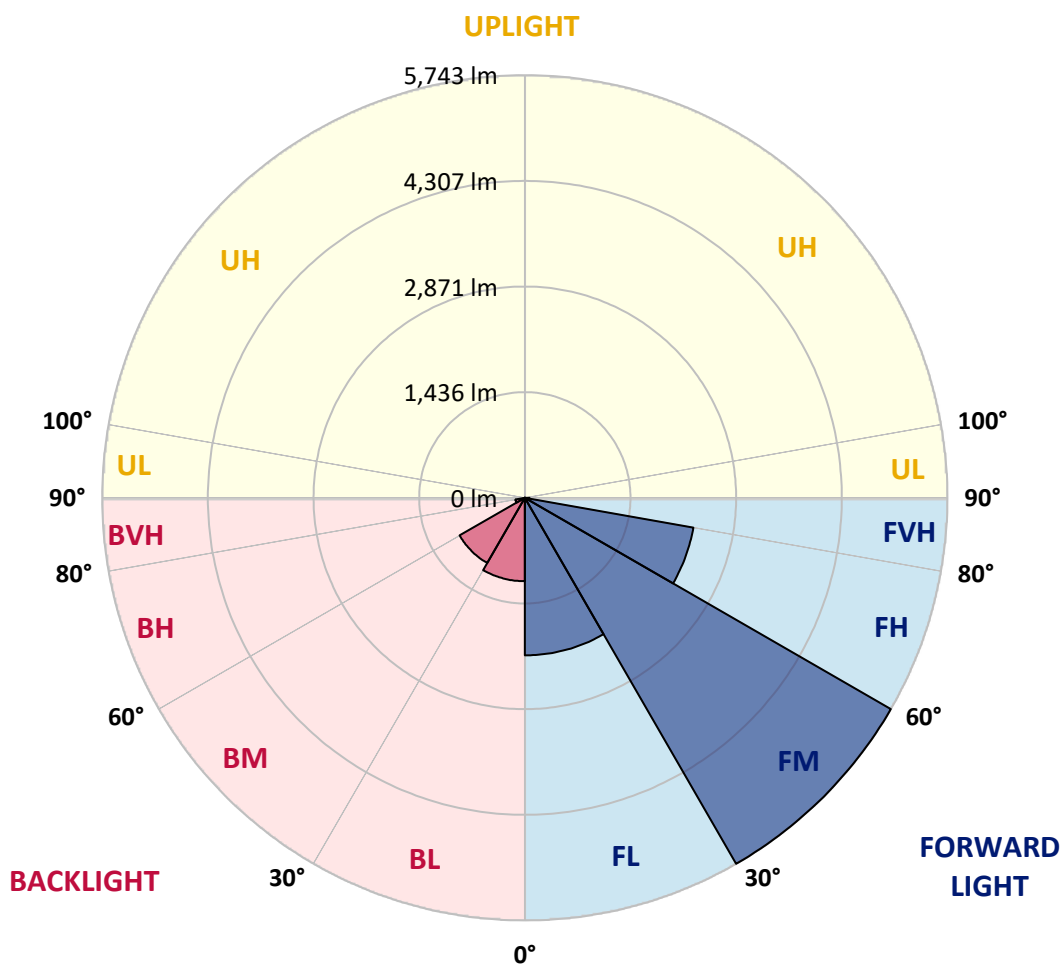
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2140.7	17.0			
FM	(30°-60°)	5743.0	45.7			
FH	(60°-80°)	2325.9	18.5			G2/5000
FVH	(80°-90°)	62.8	0.5			G1/100
BL	(0°-30°)	1133.5	9.0	B3/2500		
BM	(30°-60°)	1023.0	8.1	B2/2500		
BH	(60°-80°)	129.8	1.0	B1/500		G1/500
BVH	(80°-90°)	5.4	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°	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6
2.5°	4246.3	4229.6	4238.3	4223.2	4221.6	4204.0	4172.0	4148.0	4117.6	4069.6	4019.2
5°	4521.4	4503.0	4511.0	4484.7	4468.7	4428.7	4363.9	4304.7	4235.9	4143.2	4051.2
7.5°	4790.9	4777.3	4779.7	4746.9	4713.4	4646.2	4551.0	4452.7	4340.7	4207.2	4068.0
10°	5024.4	5018.0	5027.6	4974.1	4926.9	4836.5	4714.2	4575.0	4419.9	4239.9	4060.8
12.5°	5283.5	5265.1	5273.9	5214.8	5152.4	5034.0	4878.9	4701.4	4501.4	4275.9	4049.6
15°	5532.2	5535.4	5530.6	5468.3	5389.1	5242.8	5054.0	4832.5	4586.2	4309.5	4036.0
17.5°	5749.8	5761.8	5758.6	5693.8	5585.8	5424.3	5206.8	4941.3	4646.2	4320.7	3996.0
20°	5944.9	5953.7	5948.1	5878.5	5755.4	5571.4	5325.1	5020.4	4676.6	4300.7	3932.9
22.5°	6116.8	6122.4	6117.6	6040.8	5903.3	5698.6	5425.1	5079.6	4691.0	4274.3	3868.9
25°	6294.3	6292.7	6288.7	6205.6	6055.2	5826.5	5521.0	5135.6	4711.0	4254.3	3808.9
27.5°	6443.1	6455.9	6445.5	6367.1	6203.2	5947.3	5605.8	5185.2	4727.0	4229.6	3741.7
30°	6582.2	6577.4	6569.4	6486.3	6313.5	6036.0	5661.0	5210.0	4720.6	4186.4	3661.8
32.5°	6672.6	6672.6	6654.2	6574.2	6395.9	6096.8	5693.0	5220.4	4698.2	4126.4	3562.6
35°	6746.2	6743.8	6726.2	6646.2	6463.1	6148.0	5719.4	5222.0	4668.6	4060.0	3457.1
37.5°	6796.6	6795.0	6778.2	6695.0	6504.7	6170.4	5731.4	5210.0	4624.6	3980.0	3342.7
39°	6808.5	6808.5	6792.6	6707.8	6518.3	6172.0	5731.4	5196.4	4589.4	3928.1	3269.9
40°	6806.9	6806.9	6791.0	6708.6	6517.5	6164.8	5723.4	5179.6	4562.2	3888.9	3219.5
42.5°	6773.4	6775.0	6759.0	6680.6	6491.1	6130.4	5678.6	5122.0	4479.1	3780.1	3084.4
45°	6698.2	6698.2	6683.8	6610.2	6415.9	6055.2	5601.0	5027.6	4372.7	3649.8	2938.1
47.5°	6570.2	6573.4	6557.4	6489.5	6292.7	5950.5	5497.9	4911.7	4242.3	3505.8	2771.7
50°	6391.9	6396.7	6380.7	6314.3	6135.2	5804.9	5356.3	4766.1	4080.0	3345.9	2592.6
52.5°	6151.2	6152.8	6145.6	6088.8	5927.3	5612.2	5174.8	4587.8	3900.9	3155.6	2401.5
55°	5848.1	5854.5	5844.9	5791.3	5657.0	5372.3	4954.1	4374.3	3689.8	2955.6	2192.7
57.5°	5471.5	5478.7	5472.3	5429.9	5325.1	5081.2	4689.4	4126.4	3477.8	2726.1	1973.6
60°	5076.4	5086.0	5078.8	5039.6	4938.9	4744.6	4387.1	3845.7	3206.8	2480.6	1748.1
62.5°	4641.4	4649.4	4643.0	4633.4	4538.2	4369.5	4061.6	3538.6	2929.3	2227.1	1518.6
65°	4068.0	4079.2	4056.8	4098.4	4081.6	3914.5	3675.4	3209.1	2614.2	1936.8	1293.9
67.5°	3689.0	3692.2	3658.6	3621.0	3503.4	3473.0	3266.7	2854.1	2290.3	1662.6	1068.4
70°	3069.2	3009.2	3017.2	3067.6	3111.6	2942.1	2826.9	2467.0	1950.4	1375.5	852.5
72.5°	2329.5	2279.1	2291.9	2321.5	2397.5	2475.0	2299.9	2076.8	1605.0	1110.0	638.2
75°	1640.2	1589.0	1604.2	1629.0	1687.3	1758.5	1803.3	1612.2	1238.7	838.1	464.6
77.5°	1022.8	1007.6	990.0	1006.0	1050.8	1114.0	1168.3	1158.7	886.9	585.4	303.9
80°	486.2	472.6	463.8	476.6	505.4	580.6	627.8	627.8	545.4	358.3	172.7
82.5°	89.6	87.2	86.4	97.6	110.4	173.5	228.7	255.1	247.1	165.5	71.2
85°	41.6	39.2	40.0	40.8	41.6	46.4	48.8	58.4	68.8	45.6	23.2
87.5°	14.4	15.2	15.2	16.8	16.0	17.6	18.4	20.0	18.4	14.4	12.0
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°	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6	3997.6
2.5°	3993.6	3971.3	3928.9	3884.1	3844.1	3800.1	3772.1	3756.9	3738.5	3741.7	3731.3
5°	4005.6	3959.3	3876.9	3794.5	3721.7	3648.2	3597.0	3561.8	3532.2	3529.8	3520.2
7.5°	4000.0	3930.5	3808.1	3689.8	3584.2	3479.4	3405.1	3354.7	3310.7	3302.7	3293.9
10°	3972.1	3884.1	3723.3	3565.0	3431.5	3298.7	3203.6	3135.6	3079.6	3066.0	3053.2
12.5°	3939.3	3833.7	3633.8	3443.5	3284.3	3137.2	3015.6	2929.3	2865.3	2834.1	2830.9
15°	3904.1	3776.9	3537.8	3321.9	3130.0	2969.2	2831.7	2730.9	2655.0	2619.0	2613.4
17.5°	3844.1	3695.4	3423.5	3176.4	2960.4	2782.9	2629.4	2516.6	2430.3	2390.3	2381.5
20°	3758.5	3593.8	3289.1	3012.4	2774.1	2576.6	2412.7	2291.1	2196.7	2148.0	2136.8
22.5°	3673.0	3490.6	3155.6	2851.7	2590.2	2373.5	2193.5	2063.2	1961.6	1908.1	1897.7
25°	3594.6	3398.7	3026.8	2698.1	2412.7	2175.2	1978.4	1827.3	1731.3	1672.9	1661.0
27.5°	3508.2	3294.7	2892.5	2539.0	2232.7	1975.2	1762.5	1601.0	1497.8	1434.6	1445.0
30°	3405.1	3174.0	2744.5	2358.3	2039.2	1767.3	1541.0	1372.3	1265.1	1196.3	1206.7
32.5°	3287.5	3042.0	2586.2	2180.8	1849.7	1555.4	1327.5	1147.6	1037.2	974.0	972.4
35°	3165.2	2904.5	2419.1	2004.0	1655.4	1345.9	1107.6	930.0	798.9	743.7	739.7
37.5°	3034.8	2760.5	2266.3	1824.9	1464.2	1144.4	902.0	707.7	586.2	519.0	514.2
39°	2954.8	2675.0	2166.4	1714.5	1348.3	1024.4	778.1	581.4	457.4	395.8	392.6
40°	2898.1	2615.8	2097.6	1641.8	1271.5	946.8	694.9	497.4	380.7	323.1	319.1
42.5°	2757.3	2459.0	1925.6	1457.8	1080.4	756.5	496.6	316.7	243.1	222.3	220.7
45°	2591.0	2287.1	1738.5	1279.5	894.1	567.0	321.5	217.5	188.7	178.3	176.7
47.5°	2419.1	2108.8	1552.2	1100.4	718.1	392.6	213.5	173.5	155.9	149.5	148.7
50°	2235.1	1922.5	1383.5	925.2	546.2	248.7	167.9	143.1	132.7	128.7	128.0
52.5°	2051.2	1731.3	1197.1	747.7	383.1	176.7	139.1	122.4	116.0	113.6	112.8
55°	1837.7	1538.6	1015.6	591.0	245.5	142.3	116.8	106.4	102.4	98.4	98.4
57.5°	1641.8	1343.5	846.9	436.6	163.1	116.8	100.0	92.8	88.0	84.8	84.0
60°	1432.2	1149.2	681.3	296.7	127.2	97.6	87.2	81.6	76.8	73.6	72.8
62.5°	1221.9	956.4	527.0	178.3	101.6	82.4	76.8	71.2	67.2	64.0	64.0
65°	1017.2	774.9	384.7	117.6	82.4	70.4	65.6	61.6	58.4	56.0	56.0
67.5°	818.1	597.4	260.7	89.6	66.4	60.0	56.8	53.6	50.4	48.8	48.8
70°	631.0	444.6	156.7	67.2	54.4	50.4	48.8	45.6	44.0	41.6	41.6
72.5°	461.4	308.7	85.6	52.0	44.0	41.6	40.8	38.4	36.8	35.2	35.2
75°	323.9	195.9	53.6	40.0	34.4	33.6	33.6	32.0	30.4	28.8	28.8
77.5°	200.7	108.8	36.8	28.8	26.4	26.4	26.4	24.8	23.2	22.4	21.6
80°	107.2	52.0	24.8	20.8	19.2	19.2	19.2	18.4	16.8	16.0	15.2
82.5°	44.8	24.0	16.0	13.6	12.0	12.8	12.8	11.2	9.6	8.0	8.0
85°	16.8	13.6	11.2	9.6	8.8	8.0	7.2	5.6	4.0	3.2	3.2
87.5°	10.4	9.6	8.8	8.0	7.2	5.6	4.8	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)