

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: P1554983

Luminaire Tested: **AXCL12A-C**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554983
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-C
Description: Axcent Wall Mount Luminaire , Full Cutoff, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16103 lumens
Efficiency: N/A
Efficacy: 139.7 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

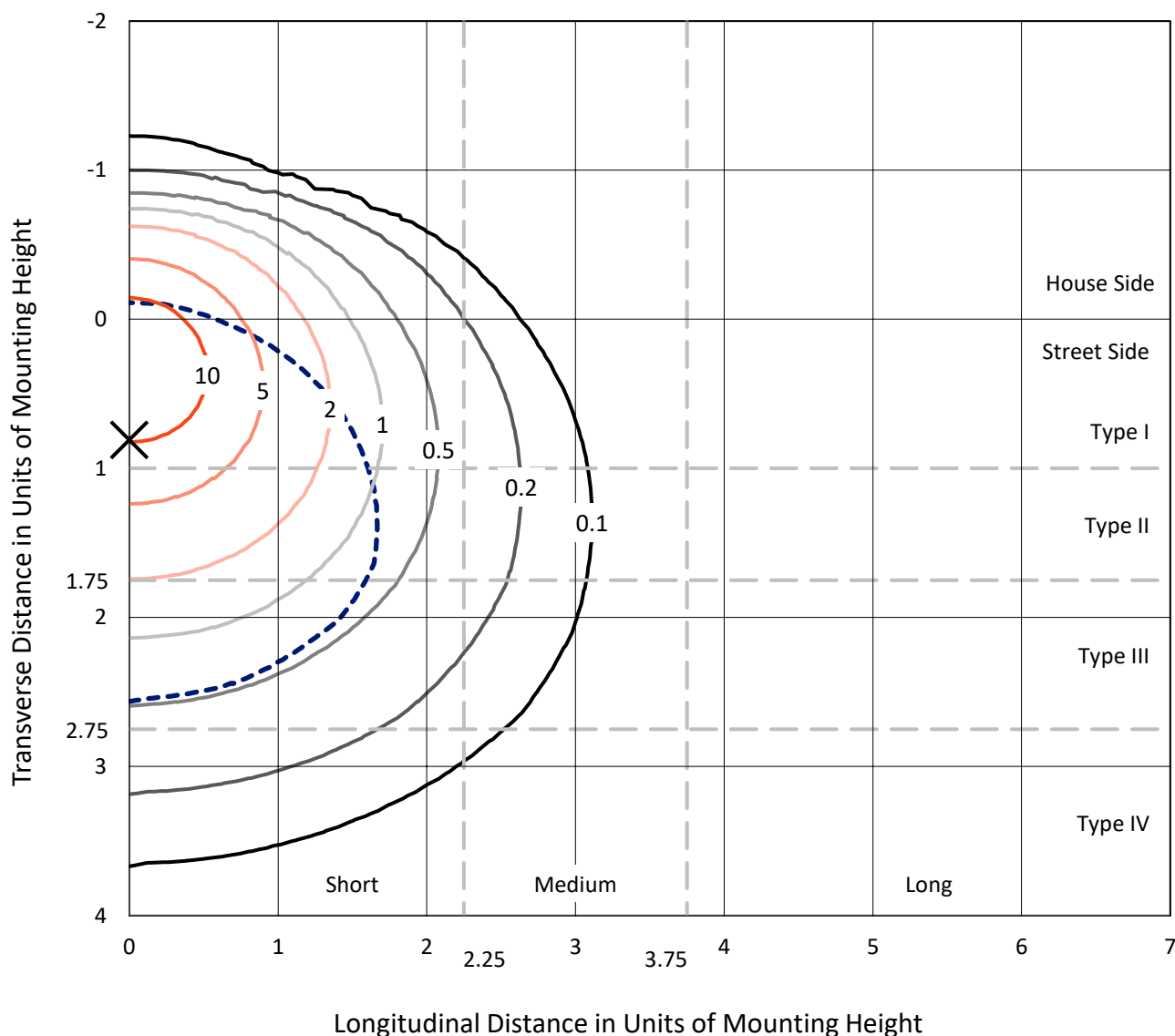
Input Watts (W): 115.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

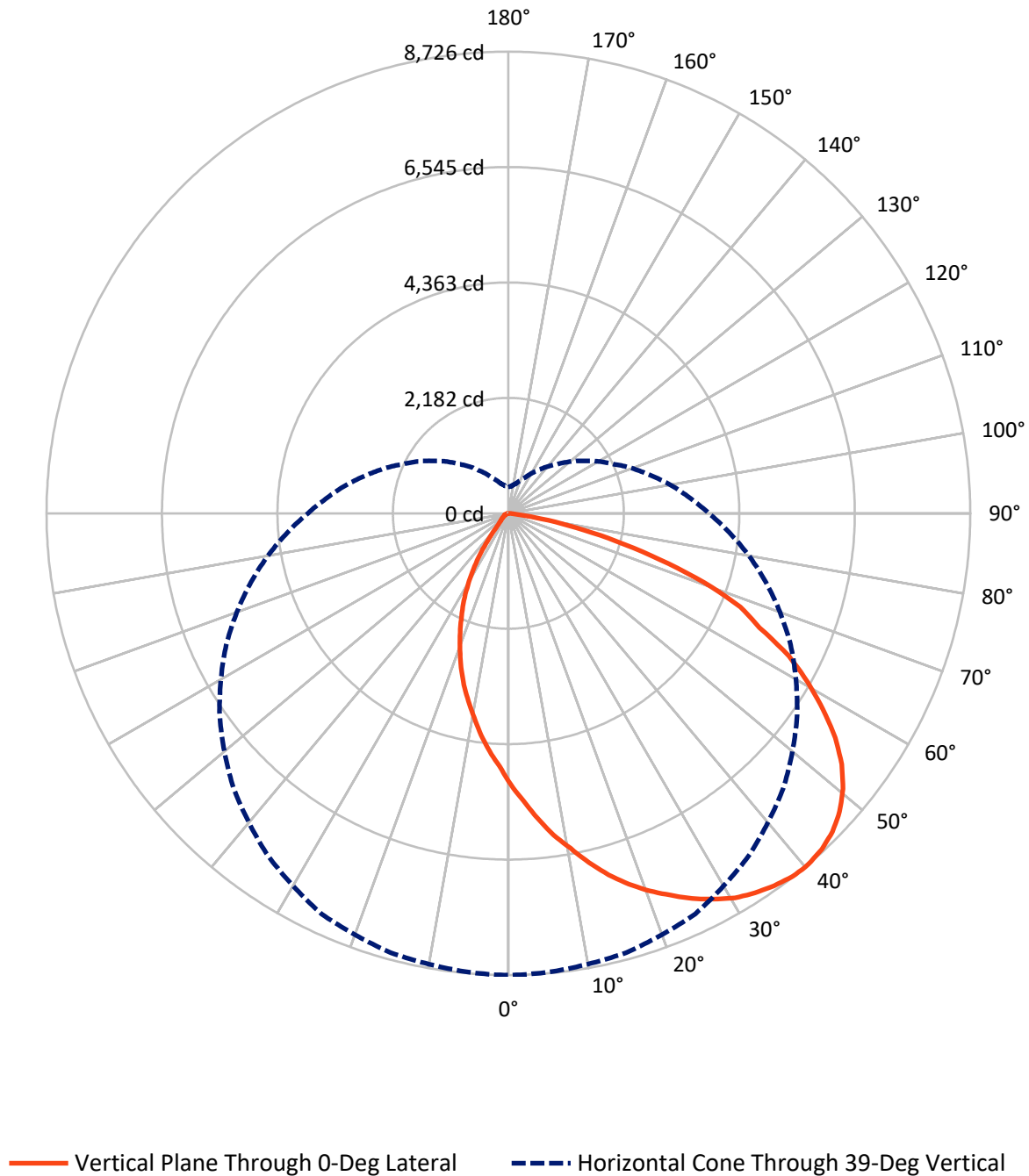
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 15.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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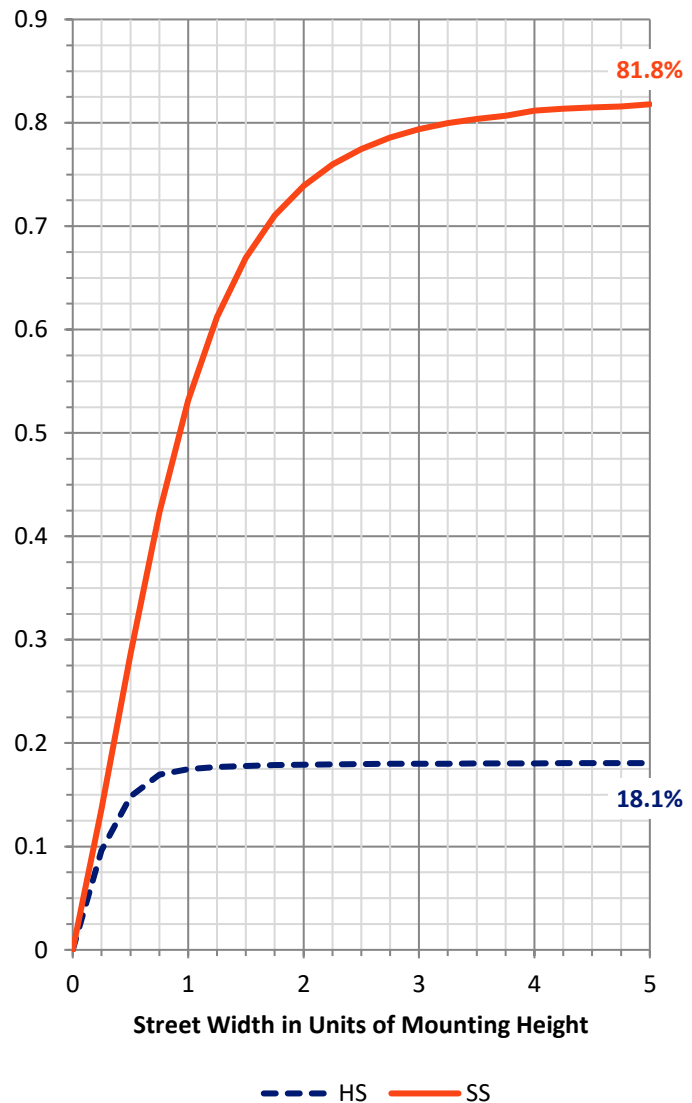
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2937.2	0.0	2937.2
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	13165.8	0.0	13165.8
	% Fixture	81.8	0.0	81.8
Total	Lumens	16103.0	0.0	16103.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	490.8	3.0
10°-20°	1447.3	9.0
20°-30°	2258.4	14.0
30°-40°	2808.6	17.4
40°-50°	3022.9	18.8
50°-60°	2840.2	17.6
60°-70°	2151.4	13.4
70°-80°	996.0	6.2
80°-90°	87.4	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°	16103.0	100.0
0°-180°	16103.0	100.0

Coefficient of Utilization



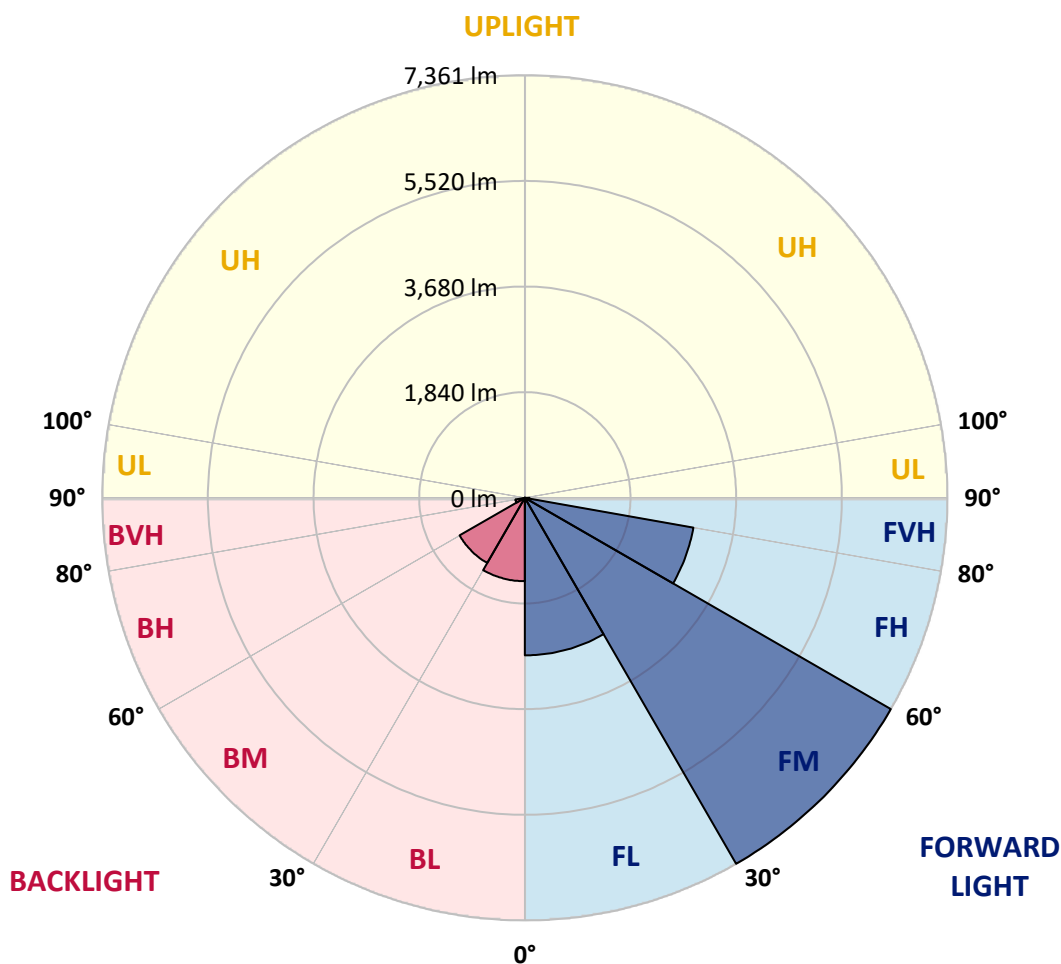
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2743.6	17.0			
FM	(30°-60°)	7360.6	45.7			
FH	(60°-80°)	2981.1	18.5			G2/5000
FVH	(80°-90°)	80.5	0.5			G1/100
BL	(0°-30°)	1452.8	9.0	B3/2500		
BM	(30°-60°)	1311.1	8.1	B2/2500		
BH	(60°-80°)	166.3	1.0	B1/500		G1/500
BVH	(80°-90°)	6.9	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°	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7
2.5°	5442.4	5420.9	5432.2	5412.7	5410.7	5388.1	5347.1	5316.4	5277.4	5215.9	5151.4
5°	5795.0	5771.5	5781.7	5747.9	5727.4	5676.1	5593.1	5517.3	5429.1	5310.2	5192.4
7.5°	6140.4	6123.0	6126.1	6084.1	6041.0	5954.9	5832.9	5706.9	5563.4	5392.2	5213.9
10°	6439.7	6431.5	6443.8	6375.1	6314.7	6198.9	6042.0	5863.7	5664.9	5434.2	5204.7
12.5°	6771.8	6748.2	6759.5	6683.7	6603.7	6452.0	6253.2	6025.6	5769.4	5480.4	5190.3
15°	7090.6	7094.7	7088.5	7008.6	6907.1	6719.5	6477.6	6193.7	5878.0	5523.4	5172.9
17.5°	7369.3	7384.7	7380.6	7297.6	7159.2	6952.2	6673.4	6333.1	5954.9	5537.8	5121.6
20°	7619.4	7630.7	7623.5	7534.4	7376.5	7140.8	6825.1	6434.6	5993.9	5512.1	5040.7
22.5°	7839.8	7847.0	7840.8	7742.4	7566.1	7303.7	6953.2	6510.4	6012.3	5478.3	4958.7
25°	8067.3	8065.3	8060.2	7953.6	7760.9	7467.7	7076.2	6582.2	6037.9	5452.7	4881.8
27.5°	8258.0	8274.4	8261.0	8160.6	7950.5	7622.5	7184.8	6645.7	6058.4	5420.9	4795.7
30°	8436.3	8430.2	8419.9	8313.3	8091.9	7736.3	7255.6	6677.5	6050.2	5365.6	4693.2
32.5°	8552.1	8552.1	8528.5	8426.1	8197.5	7814.2	7296.6	6690.8	6021.5	5288.7	4566.1
35°	8646.4	8643.3	8620.8	8518.3	8283.6	7879.8	7330.4	6692.9	5983.6	5203.6	4430.8
37.5°	8711.0	8708.9	8687.4	8580.8	8336.9	7908.5	7345.8	6677.5	5927.2	5101.1	4284.3
39°	8726.4	8726.4	8705.9	8597.2	8354.3	7910.5	7345.8	6660.1	5882.1	5034.5	4191.0
40°	8724.3	8724.3	8703.8	8598.2	8353.3	7901.3	7335.5	6638.6	5847.3	4984.3	4126.4
42.5°	8681.3	8683.3	8662.8	8562.4	8319.5	7857.2	7278.1	6564.8	5740.7	4844.9	3953.2
45°	8584.9	8584.9	8566.5	8472.2	8223.1	7760.9	7178.7	6443.8	5604.4	4677.8	3765.6
47.5°	8420.9	8425.0	8404.5	8317.4	8065.3	7626.6	7046.5	6295.2	5437.3	4493.3	3552.5
50°	8192.4	8198.5	8178.0	8092.9	7863.4	7440.1	6865.1	6108.7	5229.3	4288.4	3322.9
52.5°	7883.9	7885.9	7876.7	7803.9	7596.9	7193.0	6632.4	5880.1	4999.7	4044.4	3077.9
55°	7495.4	7503.6	7491.3	7422.6	7250.4	6885.6	6349.5	5606.4	4729.1	3788.2	2810.4
57.5°	7012.7	7021.9	7013.7	6959.4	6825.1	6512.5	6010.3	5288.7	4457.5	3494.0	2529.6
60°	6506.3	6518.6	6509.4	6459.2	6330.0	6081.0	5622.8	4928.9	4110.0	3179.4	2240.5
62.5°	5948.8	5959.0	5950.8	5938.5	5816.6	5600.3	5205.7	4535.4	3754.4	2854.5	1946.4
65°	5213.9	5228.2	5199.5	5252.8	5231.3	5017.1	4710.6	4113.1	3350.5	2482.4	1658.4
67.5°	4728.1	4732.2	4689.1	4640.9	4490.3	4451.3	4186.9	3658.0	2935.4	2130.9	1369.3
70°	3933.7	3856.9	3867.1	3931.7	3988.1	3770.8	3623.2	3161.9	2499.8	1762.9	1092.6
72.5°	2985.7	2921.1	2937.5	2975.4	3072.8	3172.2	2947.7	2661.8	2057.1	1422.6	817.9
75°	2102.2	2036.6	2056.0	2087.8	2162.6	2253.8	2311.2	2066.3	1587.6	1074.1	595.5
77.5°	1310.9	1291.4	1268.9	1289.4	1346.8	1427.7	1497.4	1485.1	1136.7	750.3	389.5
80°	623.2	605.7	594.5	610.9	647.8	744.1	804.6	804.6	699.0	459.2	221.4
82.5°	114.8	111.7	110.7	125.0	141.4	222.4	293.1	327.0	316.7	212.2	91.2
85°	53.3	50.2	51.2	52.3	53.3	59.4	62.5	74.8	88.1	58.4	29.7
87.5°	18.4	19.5	19.5	21.5	20.5	22.5	23.6	25.6	23.6	18.4	15.4
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°	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7	5123.7
2.5°	5118.6	5089.9	5035.5	4978.1	4926.9	4870.5	4834.7	4815.2	4791.6	4795.7	4782.4
5°	5133.9	5074.5	4968.9	4863.4	4770.1	4675.8	4610.2	4565.1	4527.2	4524.1	4511.8
7.5°	5126.8	5037.6	4880.8	4729.1	4593.8	4459.5	4364.2	4299.6	4243.3	4233.0	4221.7
10°	5090.9	4978.1	4772.1	4569.2	4398.0	4227.9	4105.9	4018.8	3947.1	3929.6	3913.2
12.5°	5048.9	4913.6	4657.3	4413.4	4209.4	4020.9	3865.1	3754.4	3672.4	3632.4	3628.3
15°	5003.8	4840.8	4534.3	4257.6	4011.6	3805.6	3629.3	3500.2	3402.8	3356.7	3349.5
17.5°	4926.9	4736.3	4387.8	4071.1	3794.3	3566.8	3370.0	3225.5	3114.8	3063.6	3052.3
20°	4817.2	4606.1	4215.6	3861.0	3555.5	3302.4	3092.3	2936.5	2815.5	2753.0	2738.6
22.5°	4707.6	4473.9	4044.4	3654.9	3319.8	3042.0	2811.4	2644.4	2514.2	2445.5	2432.2
25°	4607.1	4356.0	3879.4	3458.2	3092.3	2787.8	2535.7	2342.0	2219.0	2144.2	2128.8
27.5°	4496.4	4222.8	3707.2	3254.2	2861.6	2531.6	2259.0	2051.9	1919.7	1838.7	1852.1
30°	4364.2	4068.0	3517.6	3022.6	2613.6	2265.1	1975.1	1758.8	1621.5	1533.3	1546.6
32.5°	4213.5	3898.9	3314.7	2795.0	2370.7	1993.5	1701.4	1470.8	1329.4	1248.4	1246.3
35°	4056.7	3722.6	3100.5	2568.5	2121.6	1725.0	1419.5	1192.0	1023.9	953.2	948.1
37.5°	3889.7	3538.1	2904.7	2338.9	1876.7	1466.7	1156.1	907.1	751.3	665.2	659.0
39°	3787.2	3428.4	2776.6	2197.5	1728.1	1313.0	997.3	745.1	586.3	507.3	503.2
40°	3714.4	3352.6	2688.4	2104.2	1629.7	1213.5	890.7	637.5	487.9	414.1	409.0
42.5°	3534.0	3151.7	2468.1	1868.5	1384.7	969.6	636.5	405.9	311.6	284.9	282.9
45°	3320.8	2931.3	2228.2	1639.9	1145.9	726.7	412.0	278.8	241.9	228.6	226.5
47.5°	3100.5	2702.8	1989.4	1410.3	920.4	503.2	273.7	222.4	199.9	191.7	190.6
50°	2864.7	2464.0	1773.2	1185.9	700.0	318.8	215.2	183.5	170.1	165.0	164.0
52.5°	2629.0	2219.0	1534.3	958.3	490.9	226.5	178.3	156.8	148.6	145.5	144.5
55°	2355.3	1972.0	1301.7	757.4	314.7	182.4	149.6	136.3	131.2	126.1	126.1
57.5°	2104.2	1721.9	1085.4	559.6	209.1	149.6	128.1	118.9	112.7	108.6	107.6
60°	1835.7	1472.8	873.3	380.3	163.0	125.0	111.7	104.5	98.4	94.3	93.3
62.5°	1566.1	1225.8	675.4	228.6	130.2	105.6	98.4	91.2	86.1	82.0	82.0
65°	1303.7	993.2	493.0	150.7	105.6	90.2	84.0	78.9	74.8	71.7	71.7
67.5°	1048.5	765.6	334.1	114.8	85.1	76.9	72.8	68.7	64.6	62.5	62.5
70°	808.7	569.9	200.9	86.1	69.7	64.6	62.5	58.4	56.4	53.3	53.3
72.5°	591.4	395.6	109.7	66.6	56.4	53.3	52.3	49.2	47.1	45.1	45.1
75°	415.1	251.1	68.7	51.2	44.1	43.0	43.0	41.0	38.9	36.9	36.9
77.5°	257.3	139.4	47.1	36.9	33.8	33.8	33.8	31.8	29.7	28.7	27.7
80°	137.3	66.6	31.8	26.6	24.6	24.6	24.6	23.6	21.5	20.5	19.5
82.5°	57.4	30.7	20.5	17.4	15.4	16.4	16.4	14.3	12.3	10.2	10.2
85°	21.5	17.4	14.3	12.3	11.3	10.2	9.2	7.2	5.1	4.1	4.1
87.5°	13.3	12.3	11.3	10.2	9.2	7.2	6.1	4.1	2.0	1.0	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)