

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: P1555005

Luminaire Tested: **AXCL8A**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1555005
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: AXCL8A
Description: Axcent Wall Mount Luminaire , Full Cutoff, 4000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9716 lumens
Efficiency: N/A
Efficacy: 148.8 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G1

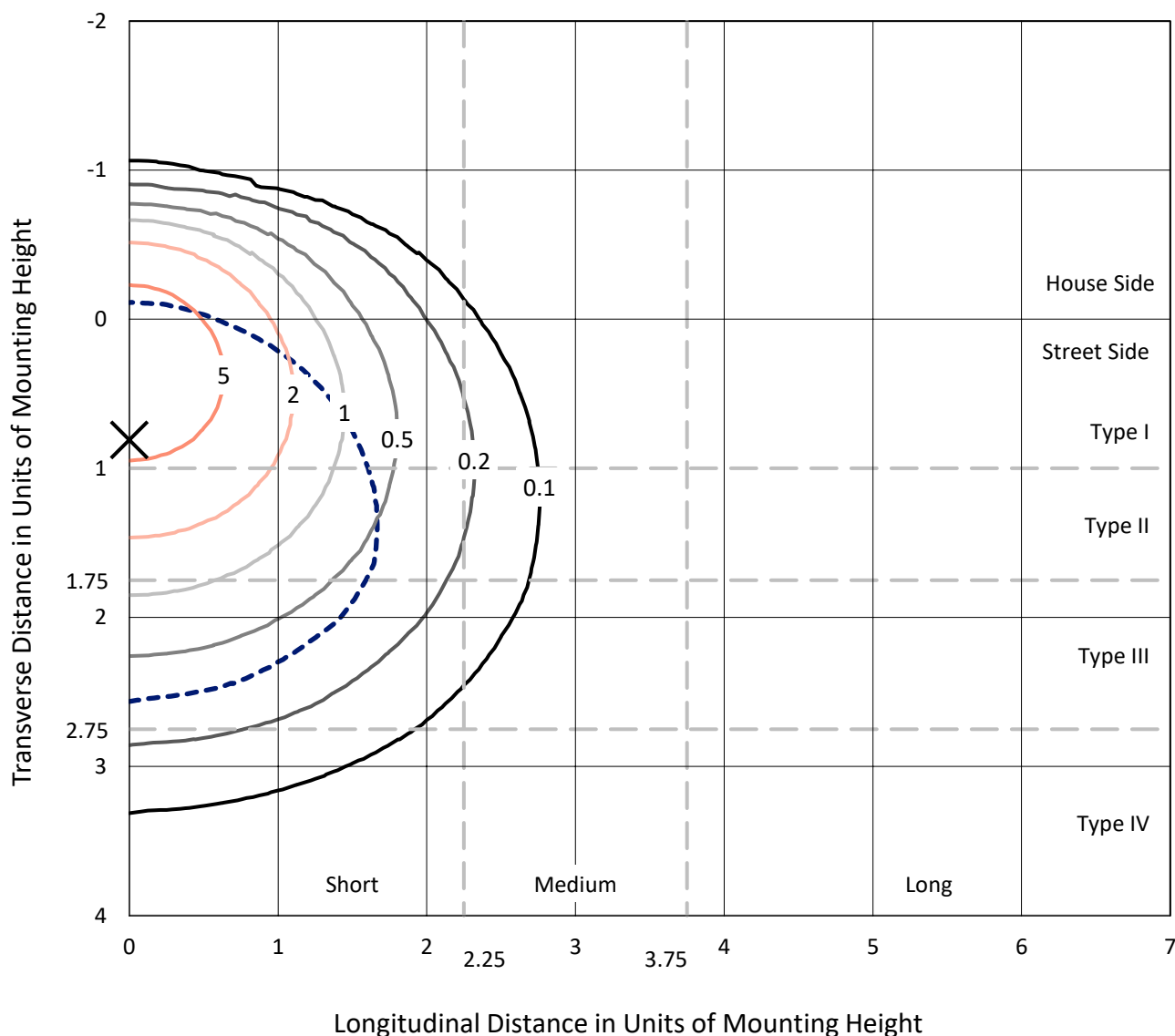
Input Watts (W): 65.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P1555005
 CATALOG NUMBER: AXCL8A

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

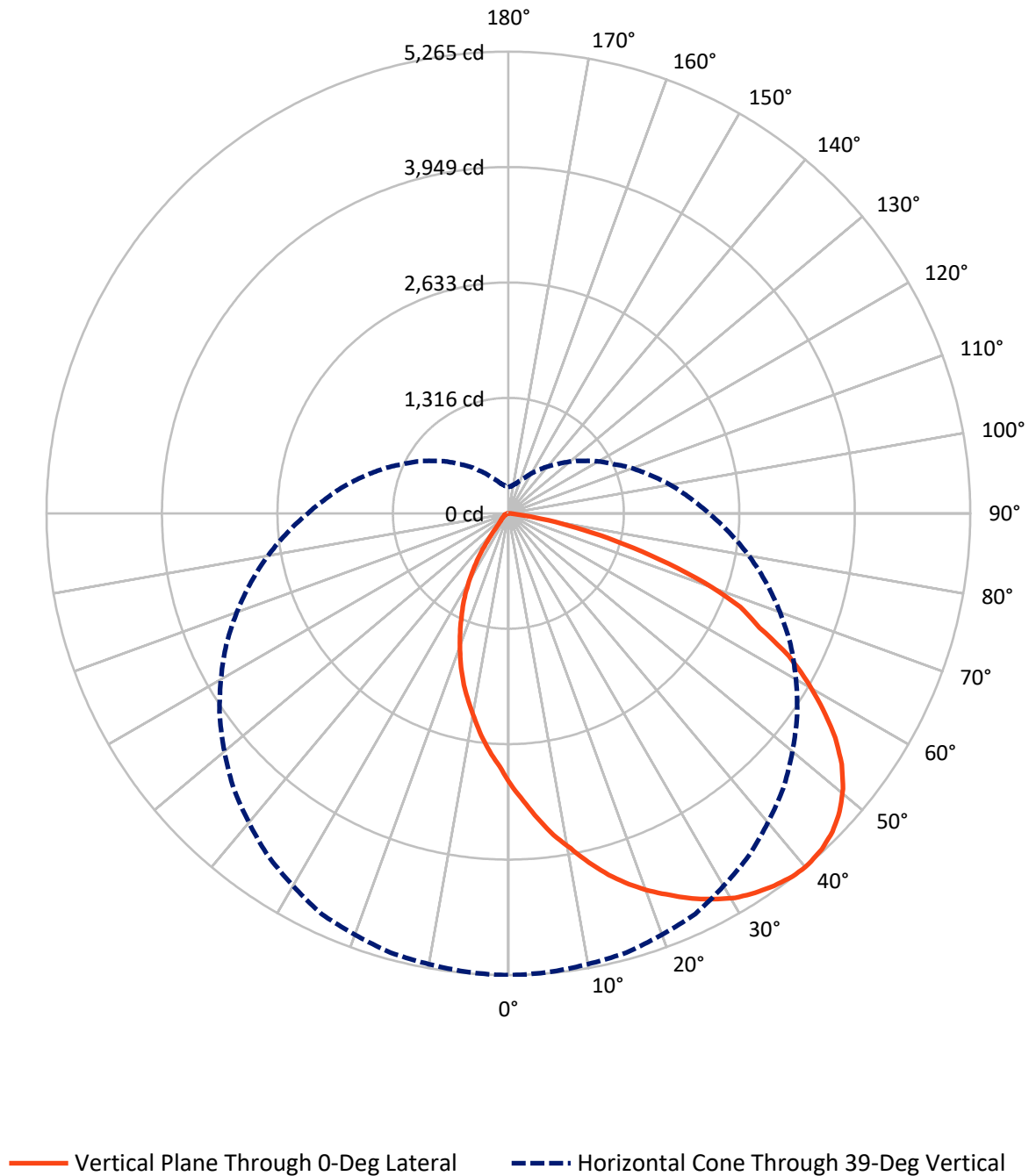
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 9.6 fc
 Type III - Short - N/A

REPORT NUMBER: P1555005
CATALOG NUMBER: AXCL8A

Luminous Intensity Polar Plot



REPORT NUMBER: P1555005
 CATALOG NUMBER: AXCL8A

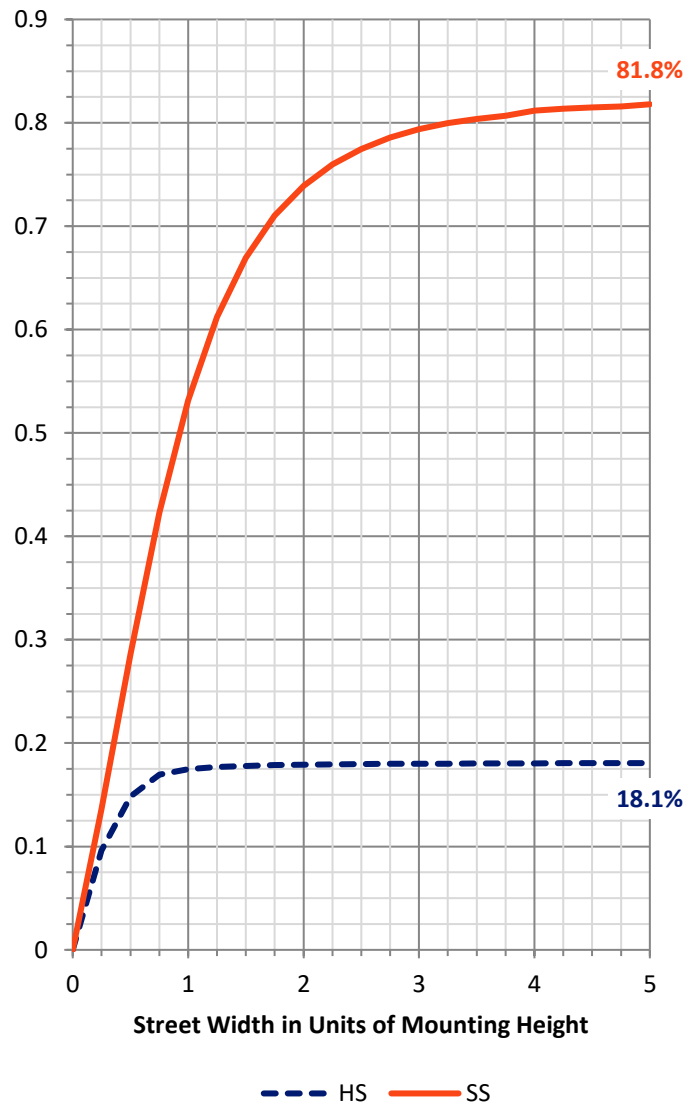
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1772.2	0.0	1772.2
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	7943.8	0.0	7943.8
	% Fixture	81.8	0.0	81.8
Total	Lumens	9716.0	0.0	9716.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	296.1	3.0
10°-20°	873.3	9.0
20°-30°	1362.6	14.0
30°-40°	1694.6	17.4
40°-50°	1823.9	18.8
50°-60°	1713.7	17.6
60°-70°	1298.1	13.4
70°-80°	601.0	6.2
80°-90°	52.7	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°	9716.0	100.0
0°-180°	9716.0	100.0

Coefficient of Utilization



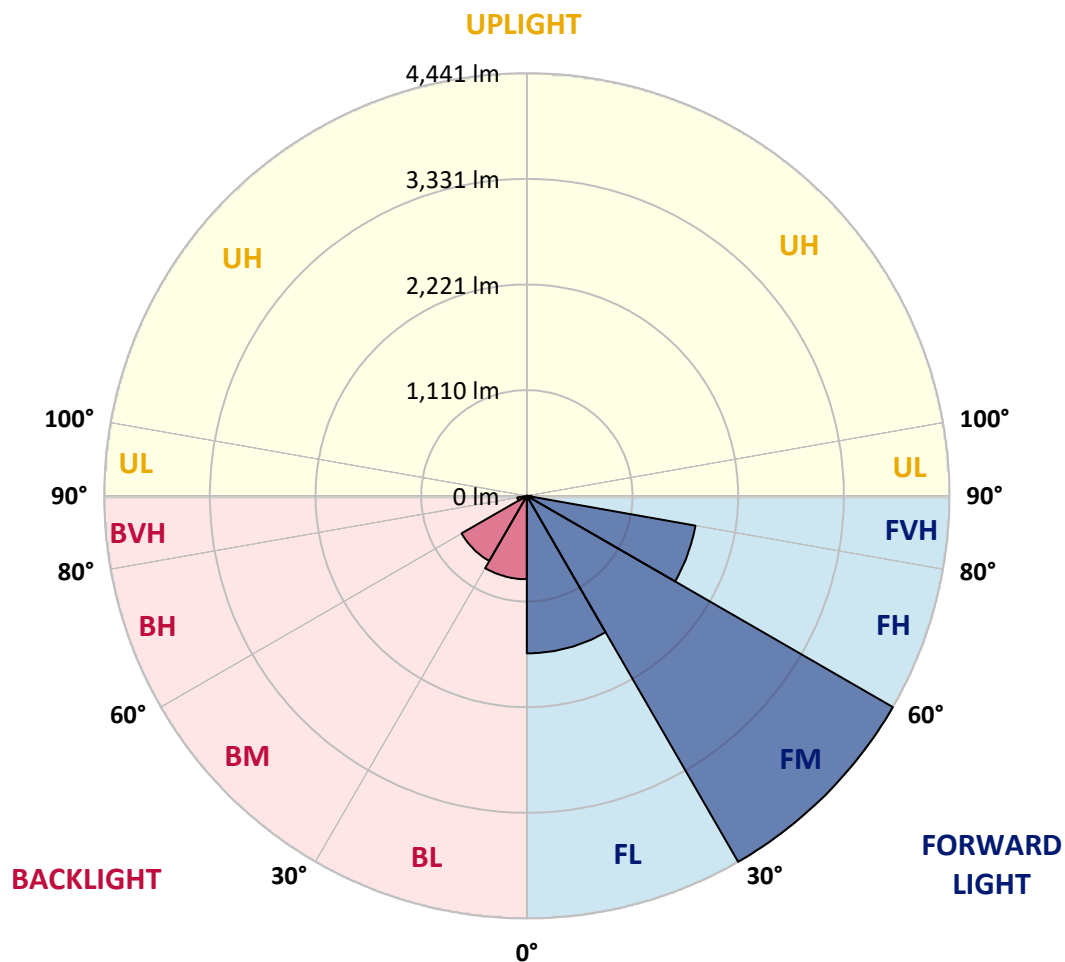
REPORT NUMBER: P1555005
 CATALOG NUMBER: AXCL8A

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1655.4	17.0			
FM	(30°-60°)	4441.2	45.7			
FH	(60°-80°)	1798.7	18.5			G1/1800
FVH	(80°-90°)	48.5	0.5			G1/100
BL	(0°-30°)	876.6	9.0	B2/1000		
BM	(30°-60°)	791.1	8.1	B1/1000		
BH	(60°-80°)	100.3	1.0	B0/110		G0/110
BVH	(80°-90°)	4.2	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-G1

Type III Short



REPORT NUMBER: P1555005

CATALOG NUMBER: AXCL8A

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5
2.5°	3283.8	3270.8	3277.6	3265.9	3264.6	3251.0	3226.3	3207.7	3184.2	3147.1	3108.2
5°	3496.5	3482.3	3488.5	3468.1	3455.7	3424.8	3374.7	3328.9	3275.7	3204.0	3132.9
7.5°	3704.9	3694.4	3696.3	3670.9	3644.9	3593.0	3519.4	3443.3	3356.8	3253.5	3145.9
10°	3885.5	3880.6	3888.0	3846.5	3810.1	3740.2	3645.6	3538.0	3418.0	3278.8	3140.3
12.5°	4085.9	4071.6	4078.5	4032.7	3984.5	3892.9	3773.0	3635.7	3481.1	3306.7	3131.7
15°	4278.2	4280.7	4277.0	4228.7	4167.5	4054.3	3908.4	3737.1	3546.6	3332.6	3121.1
17.5°	4446.4	4455.7	4453.2	4403.1	4319.6	4194.7	4026.5	3821.2	3593.0	3341.3	3090.2
20°	4597.3	4604.1	4599.8	4546.0	4450.7	4308.5	4118.0	3882.4	3616.5	3325.8	3041.4
22.5°	4730.3	4734.6	4730.9	4671.5	4565.1	4406.8	4195.3	3928.2	3627.6	3305.4	2991.9
25°	4867.5	4866.3	4863.2	4798.9	4682.6	4505.8	4269.5	3971.5	3643.1	3290.0	2945.5
27.5°	4982.6	4992.5	4984.4	4923.8	4797.0	4599.2	4335.1	4009.8	3655.5	3270.8	2893.6
30°	5090.2	5086.5	5080.3	5016.0	4882.4	4667.8	4377.8	4029.0	3650.5	3237.4	2831.7
32.5°	5160.1	5160.1	5145.8	5084.0	4946.1	4714.8	4402.5	4037.0	3633.2	3191.0	2755.0
35°	5217.0	5215.1	5201.5	5139.7	4998.0	4754.4	4422.9	4038.3	3610.3	3139.7	2673.4
37.5°	5255.9	5254.7	5241.7	5177.4	5030.2	4771.7	4432.2	4029.0	3576.3	3077.9	2585.0
39°	5265.2	5265.2	5252.8	5187.3	5040.7	4772.9	4432.2	4018.5	3549.1	3037.7	2528.7
40°	5264.0	5264.0	5251.6	5187.9	5040.1	4767.4	4426.0	4005.5	3528.1	3007.4	2489.7
42.5°	5238.0	5239.2	5226.8	5166.2	5019.7	4740.8	4391.4	3961.0	3463.7	2923.2	2385.2
45°	5179.8	5179.8	5168.7	5111.8	4961.5	4682.6	4331.4	3888.0	3381.5	2822.4	2272.1
47.5°	5080.9	5083.4	5071.0	5018.4	4866.3	4601.6	4251.6	3798.3	3280.7	2711.1	2143.4
50°	4943.0	4946.7	4934.3	4883.0	4744.5	4489.1	4142.1	3685.8	3155.2	2587.5	2004.9
52.5°	4756.9	4758.1	4752.5	4708.6	4583.7	4340.0	4001.8	3547.8	3016.6	2440.3	1857.1
55°	4522.5	4527.4	4520.0	4478.6	4374.7	4154.5	3831.1	3382.7	2853.4	2285.7	1695.7
57.5°	4231.2	4236.8	4231.8	4199.0	4118.0	3929.4	3626.4	3191.0	2689.5	2108.2	1526.2
60°	3925.7	3933.1	3927.6	3897.3	3819.3	3669.1	3392.6	2974.0	2479.8	1918.3	1351.9
62.5°	3589.3	3595.5	3590.5	3583.1	3509.5	3379.0	3140.9	2736.5	2265.3	1722.3	1174.4
65°	3145.9	3154.5	3137.2	3169.4	3156.4	3027.1	2842.2	2481.7	2021.6	1497.8	1000.6
67.5°	2852.8	2855.2	2829.3	2800.2	2709.3	2685.8	2526.2	2207.1	1771.1	1285.7	826.2
70°	2373.5	2327.1	2333.3	2372.2	2406.3	2275.2	2186.1	1907.8	1508.3	1063.7	659.2
72.5°	1801.4	1762.5	1772.4	1795.3	1854.0	1914.0	1778.6	1606.0	1241.2	858.4	493.5
75°	1268.4	1228.8	1240.5	1259.7	1304.9	1359.9	1394.5	1246.7	957.9	648.1	359.3
77.5°	791.0	779.2	765.6	778.0	812.6	861.5	903.5	896.1	685.8	452.7	235.0
80°	376.0	365.5	358.7	368.6	390.8	449.0	485.5	485.5	421.8	277.1	133.6
82.5°	69.3	67.4	66.8	75.4	85.3	134.2	176.9	197.3	191.1	128.0	55.0
85°	32.2	30.3	30.9	31.5	32.2	35.9	37.7	45.1	53.2	35.2	17.9
87.5°	11.1	11.7	11.7	13.0	12.4	13.6	14.2	15.5	14.2	11.1	9.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1555005

CATALOG NUMBER: AXCL8A

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5	3091.5
2.5°	3088.4	3071.1	3038.3	3003.6	2972.7	2938.7	2917.1	2905.3	2891.1	2893.6	2885.5
5°	3097.6	3061.8	2998.1	2934.4	2878.1	2821.2	2781.6	2754.4	2731.5	2729.7	2722.3
7.5°	3093.3	3039.5	2944.9	2853.4	2771.7	2690.7	2633.2	2594.3	2560.2	2554.1	2547.3
10°	3071.7	3003.6	2879.3	2756.9	2653.6	2551.0	2477.4	2424.8	2381.5	2371.0	2361.1
12.5°	3046.3	2964.7	2810.1	2662.9	2539.8	2426.0	2332.0	2265.3	2215.8	2191.7	2189.2
15°	3019.1	2920.8	2735.9	2568.9	2420.5	2296.2	2189.8	2111.9	2053.1	2025.3	2021.0
17.5°	2972.7	2857.7	2647.4	2456.3	2289.4	2152.1	2033.4	1946.2	1879.4	1848.4	1841.6
20°	2906.6	2779.2	2543.5	2329.6	2145.3	1992.5	1865.8	1771.8	1698.8	1661.1	1652.4
22.5°	2840.4	2699.4	2440.3	2205.3	2003.0	1835.5	1696.3	1595.5	1517.0	1475.5	1467.5
25°	2779.8	2628.3	2340.7	2086.5	1865.8	1682.1	1530.0	1413.1	1338.9	1293.7	1284.4
27.5°	2713.0	2547.9	2236.8	1963.5	1726.6	1527.5	1363.0	1238.1	1158.3	1109.4	1117.5
30°	2633.2	2454.5	2122.4	1823.7	1577.0	1366.7	1191.7	1061.2	978.3	925.1	933.2
32.5°	2542.3	2352.5	2000.0	1686.4	1430.4	1202.8	1026.6	887.4	802.1	753.2	752.0
35°	2447.7	2246.1	1870.7	1549.7	1280.1	1040.8	856.5	719.2	617.8	575.1	572.0
37.5°	2346.9	2134.8	1752.6	1411.2	1132.3	885.0	697.6	547.3	453.3	401.4	397.6
39°	2285.0	2068.6	1675.3	1325.9	1042.6	792.2	601.7	449.6	353.7	306.1	303.6
40°	2241.1	2022.8	1622.1	1269.6	983.3	732.2	537.4	384.7	294.4	249.8	246.7
42.5°	2132.3	1901.6	1489.1	1127.4	835.5	585.0	384.0	244.9	188.0	171.9	170.7
45°	2003.7	1768.7	1344.4	989.5	691.4	438.5	248.6	168.2	145.9	137.9	136.7
47.5°	1870.7	1630.8	1200.3	850.9	555.3	303.6	165.1	134.2	120.6	115.6	115.0
50°	1728.5	1486.7	1069.9	715.5	422.4	192.3	129.9	110.7	102.7	99.6	98.9
52.5°	1586.2	1338.9	925.8	578.2	296.2	136.7	107.6	94.6	89.7	87.8	87.2
55°	1421.1	1189.8	785.4	457.0	189.9	110.1	90.3	82.2	79.2	76.1	76.1
57.5°	1269.6	1038.9	654.9	337.7	126.2	90.3	77.3	71.7	68.0	65.6	64.9
60°	1107.6	888.7	526.9	229.4	98.3	75.4	67.4	63.1	59.4	56.9	56.3
62.5°	944.9	739.6	407.5	137.9	78.5	63.7	59.4	55.0	51.9	49.5	49.5
65°	786.6	599.2	297.5	90.9	63.7	54.4	50.7	47.6	45.1	43.3	43.3
67.5°	632.6	462.0	201.6	69.3	51.3	46.4	43.9	41.4	39.0	37.7	37.7
70°	487.9	343.8	121.2	51.9	42.1	39.0	37.7	35.2	34.0	32.2	32.2
72.5°	356.8	238.7	66.2	40.2	34.0	32.2	31.5	29.7	28.4	27.2	27.2
75°	250.5	151.5	41.4	30.9	26.6	26.0	26.0	24.7	23.5	22.3	22.3
77.5°	155.2	84.1	28.4	22.3	20.4	20.4	20.4	19.2	17.9	17.3	16.7
80°	82.9	40.2	19.2	16.1	14.8	14.8	14.8	14.2	13.0	12.4	11.7
82.5°	34.6	18.6	12.4	10.5	9.3	9.9	9.9	8.7	7.4	6.2	6.2
85°	13.0	10.5	8.7	7.4	6.8	6.2	5.6	4.3	3.1	2.5	2.5
87.5°	8.0	7.4	6.8	6.2	5.6	4.3	3.7	2.5	1.2	0.6	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)