

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: P1554992

Luminaire Tested: **AXCL6A-C**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554992
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: AXCL6A-C
Description: Axcent Wall Mount Luminaire , Full Cutoff, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7501 lumens
Efficiency: N/A
Efficacy: 151.8 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

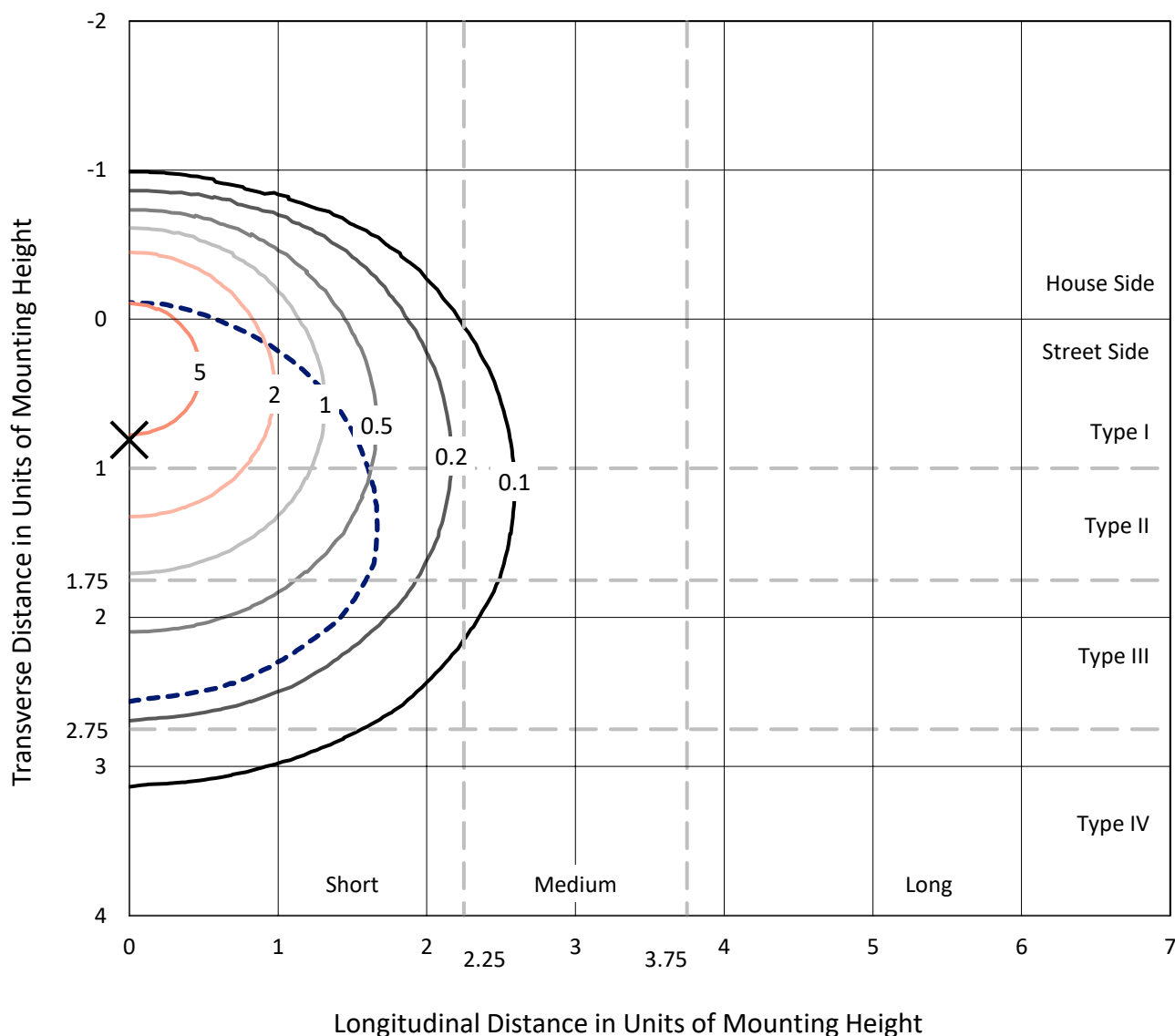
Input Watts (W): 49.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

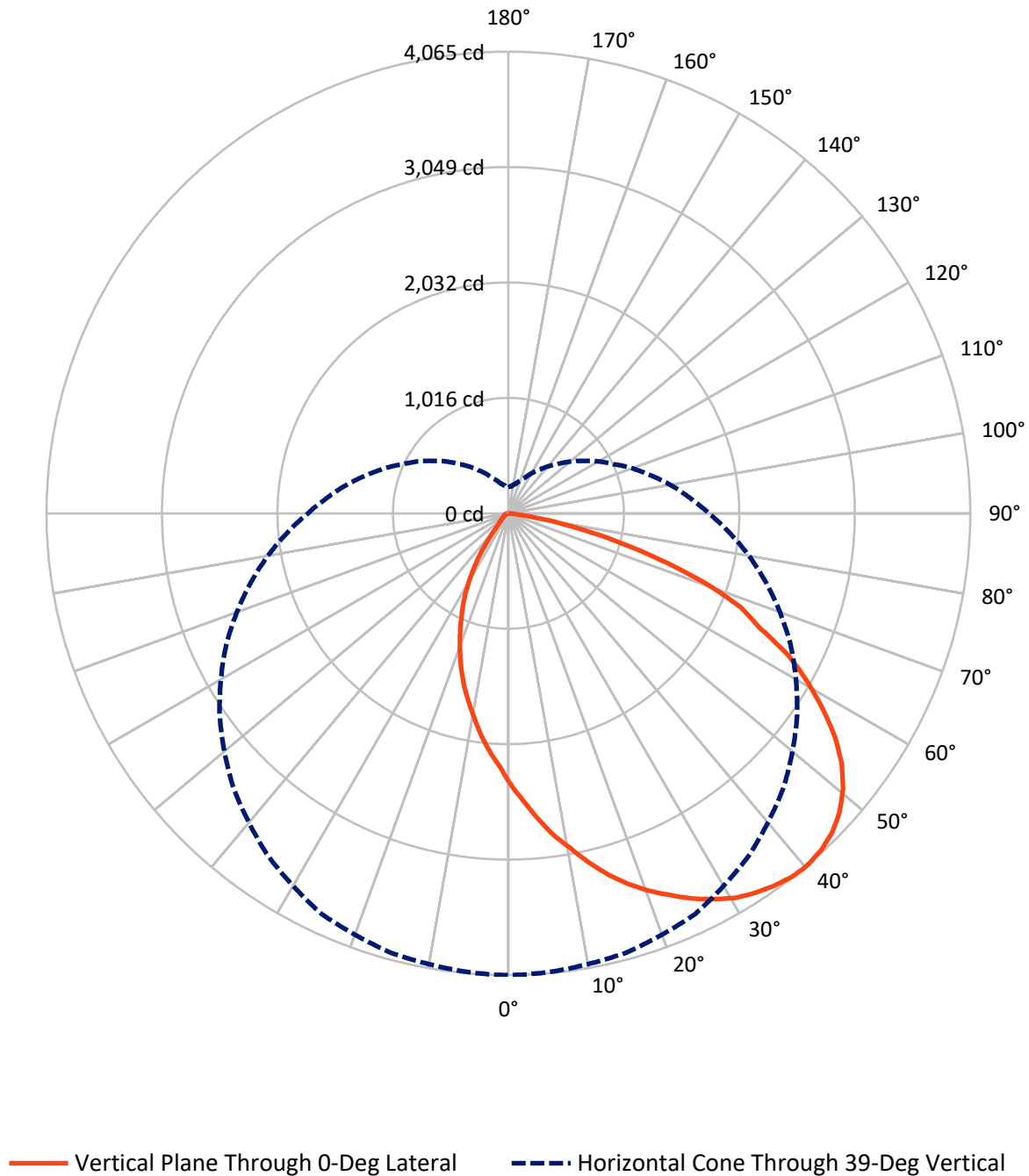
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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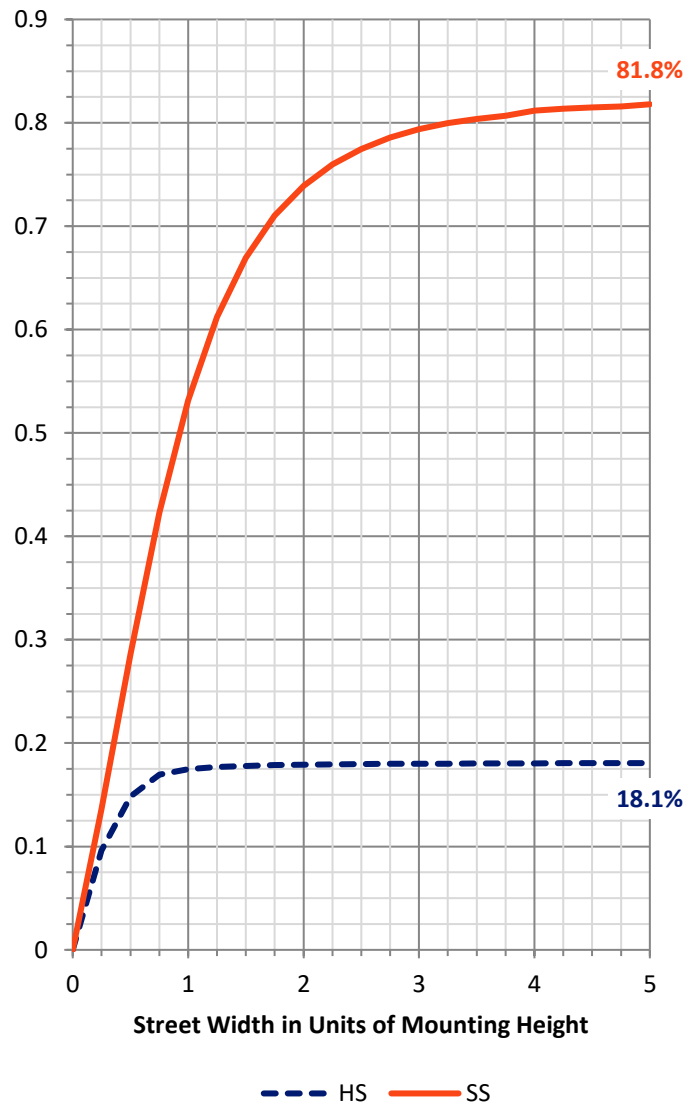
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1368.2	0.0	1368.2
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	6132.8	0.0	6132.8
	% Fixture	81.8	0.0	81.8
Total	Lumens	7501.0	0.0	7501.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	228.6	3.0
10°-20°	674.2	9.0
20°-30°	1052.0	14.0
30°-40°	1308.3	17.4
40°-50°	1408.1	18.8
50°-60°	1323.0	17.6
60°-70°	1002.2	13.4
70°-80°	464.0	6.2
80°-90°	40.7	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°	7501.0	100.0
0°-180°	7501.0	100.0



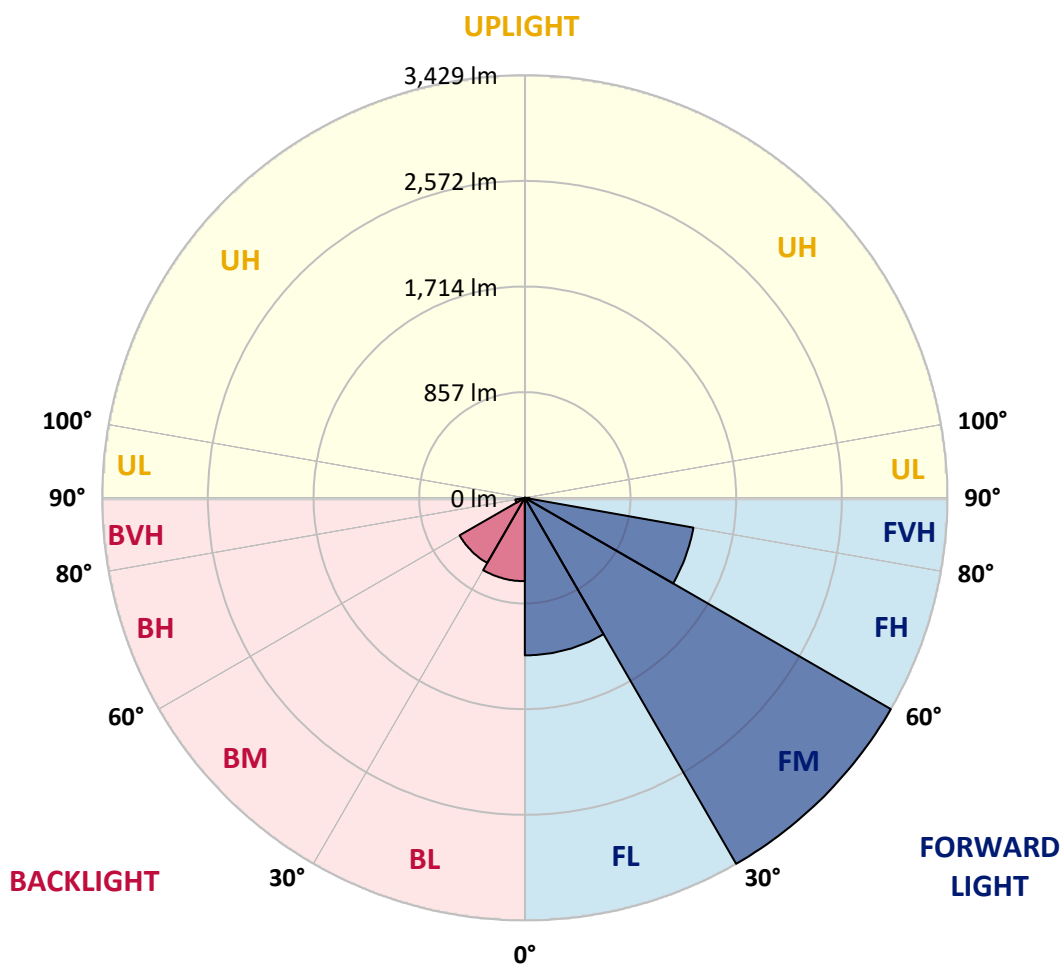
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1278.0	17.0			
FM	(30°-60°)	3428.7	45.7			
FH	(60°-80°)	1388.6	18.5			G1/1800
FVH	(80°-90°)	37.5	0.5			G1/100
BL	(0°-30°)	676.7	9.0	B2/1000		
BM	(30°-60°)	610.7	8.1	B1/1000		
BH	(60°-80°)	77.5	1.0	B0/110		G0/110
BVH	(80°-90°)	3.2	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





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7
2.5°	2535.2	2525.1	2530.4	2521.3	2520.4	2509.9	2490.8	2476.4	2458.3	2429.7	2399.6
5°	2699.4	2688.4	2693.2	2677.4	2667.9	2644.0	2605.3	2570.0	2529.0	2473.6	2418.7
7.5°	2860.3	2852.2	2853.6	2834.0	2814.0	2773.9	2717.1	2658.3	2591.5	2511.8	2428.7
10°	2999.7	2995.9	3001.6	2969.6	2941.5	2887.5	2814.5	2731.4	2638.8	2531.3	2424.4
12.5°	3154.4	3143.4	3148.7	3113.3	3076.1	3005.4	2912.8	2806.8	2687.5	2552.8	2417.7
15°	3302.9	3304.8	3301.9	3264.7	3217.4	3130.0	3017.4	2885.1	2738.1	2572.9	2409.6
17.5°	3432.7	3439.9	3438.0	3399.3	3334.9	3238.4	3108.6	2950.1	2773.9	2579.6	2385.7
20°	3549.2	3554.5	3551.1	3509.6	3436.1	3326.3	3179.2	2997.3	2792.0	2567.6	2348.0
22.5°	3651.9	3655.2	3652.4	3606.5	3524.4	3402.2	3238.9	3032.7	2800.6	2551.9	2309.8
25°	3757.9	3756.9	3754.5	3704.9	3615.1	3478.6	3296.2	3066.1	2812.6	2539.9	2274.0
27.5°	3846.7	3854.3	3848.1	3801.3	3703.4	3550.7	3346.8	3095.7	2822.1	2525.1	2233.9
30°	3929.7	3926.9	3922.1	3872.5	3769.3	3603.7	3379.7	3110.5	2818.3	2499.4	2186.2
32.5°	3983.7	3983.7	3972.7	3925.0	3818.5	3639.9	3398.8	3116.7	2804.9	2463.6	2127.0
35°	4027.6	4026.2	4015.7	3967.9	3858.6	3670.5	3414.6	3117.6	2787.3	2423.9	2063.9
37.5°	4057.7	4056.7	4046.7	3997.1	3883.4	3683.9	3421.8	3110.5	2761.0	2376.2	1995.7
39°	4064.9	4064.9	4055.3	4004.7	3891.6	3684.8	3421.8	3102.4	2740.0	2345.1	1952.2
40°	4063.9	4063.9	4054.4	4005.2	3891.1	3680.5	3417.0	3092.3	2723.8	2321.8	1922.1
42.5°	4043.9	4044.8	4035.3	3988.5	3875.3	3660.0	3390.2	3058.0	2674.1	2256.8	1841.5
45°	3999.0	3999.0	3990.4	3946.5	3830.4	3615.1	3343.9	3001.6	2610.6	2179.0	1754.1
47.5°	3922.6	3924.5	3914.9	3874.4	3756.9	3552.6	3282.3	2932.4	2532.8	2093.1	1654.8
50°	3816.1	3819.0	3809.4	3769.8	3662.9	3465.7	3197.8	2845.5	2435.9	1997.6	1547.8
52.5°	3672.4	3673.4	3669.1	3635.2	3538.7	3350.6	3089.5	2739.0	2328.9	1883.9	1433.7
55°	3491.5	3495.3	3489.6	3457.6	3377.4	3207.4	2957.7	2611.6	2202.9	1764.6	1309.1
57.5°	3266.6	3270.9	3267.1	3241.8	3179.2	3033.6	2799.7	2463.6	2076.4	1627.6	1178.3
60°	3030.7	3036.5	3032.2	3008.8	2948.6	2832.6	2619.2	2296.0	1914.5	1481.0	1043.7
62.5°	2771.0	2775.8	2772.0	2766.2	2709.4	2608.7	2424.9	2112.6	1748.8	1329.6	906.6
65°	2428.7	2435.4	2422.0	2446.8	2436.8	2337.0	2194.3	1915.9	1560.7	1156.3	772.5
67.5°	2202.4	2204.3	2184.3	2161.8	2091.6	2073.5	1950.3	1704.0	1367.4	992.6	637.8
70°	1832.4	1796.6	1801.4	1831.4	1857.7	1756.5	1687.7	1472.9	1164.5	821.2	508.9
72.5°	1390.8	1360.7	1368.3	1386.0	1431.3	1477.7	1373.1	1239.9	958.2	662.7	381.0
75°	979.2	948.7	957.7	972.5	1007.4	1049.9	1076.6	962.5	739.5	500.3	277.4
77.5°	610.6	601.6	591.1	600.6	627.3	665.1	697.5	691.8	529.5	349.5	181.4
80°	290.3	282.2	276.9	284.5	301.7	346.6	374.8	374.8	325.6	213.9	103.1
82.5°	53.5	52.0	51.6	58.2	65.9	103.6	136.5	152.3	147.5	98.8	42.5
85°	24.8	23.4	23.9	24.3	24.8	27.7	29.1	34.9	41.1	27.2	13.8
87.5°	8.6	9.1	9.1	10.0	9.5	10.5	11.0	11.9	11.0	8.6	7.2
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°	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7	2386.7
2.5°	2384.3	2370.9	2345.6	2318.9	2295.0	2268.8	2252.0	2243.0	2232.0	2233.9	2227.7
5°	2391.5	2363.8	2314.6	2265.4	2222.0	2178.0	2147.5	2126.5	2108.8	2107.4	2101.7
7.5°	2388.1	2346.6	2273.5	2202.9	2139.9	2077.3	2032.9	2002.8	1976.6	1971.8	1966.5
10°	2371.4	2318.9	2222.9	2128.4	2048.7	1969.4	1912.6	1872.0	1838.6	1830.5	1822.8
12.5°	2351.8	2288.8	2169.5	2055.8	1960.8	1873.0	1800.4	1748.8	1710.6	1692.0	1690.1
15°	2330.8	2254.9	2112.2	1983.3	1868.7	1772.7	1690.6	1630.4	1585.1	1563.6	1560.2
17.5°	2295.0	2206.2	2043.9	1896.4	1767.5	1661.5	1569.8	1502.5	1450.9	1427.0	1421.8
20°	2243.9	2145.6	1963.7	1798.5	1656.2	1538.3	1440.4	1367.8	1311.5	1282.4	1275.7
22.5°	2192.8	2084.0	1883.9	1702.5	1546.4	1417.0	1309.6	1231.8	1171.1	1139.2	1132.9
25°	2146.1	2029.1	1807.1	1610.9	1440.4	1298.6	1181.2	1090.9	1033.6	998.8	991.6
27.5°	2094.5	1967.0	1726.9	1515.8	1333.0	1179.3	1052.3	955.8	894.2	856.5	862.7
30°	2032.9	1894.9	1638.5	1407.9	1217.5	1055.1	920.0	819.3	755.3	714.2	720.4
32.5°	1962.7	1816.2	1544.0	1302.0	1104.3	928.6	792.5	685.1	619.2	581.5	580.6
35°	1889.7	1734.0	1444.2	1196.4	988.3	803.5	661.2	555.3	477.0	444.0	441.6
37.5°	1811.9	1648.1	1353.0	1089.5	874.2	683.2	538.5	422.5	350.0	309.9	307.0
39°	1764.1	1597.0	1293.4	1023.6	805.0	611.6	464.5	347.1	273.1	236.3	234.4
40°	1730.2	1561.7	1252.3	980.2	759.1	565.3	414.9	297.0	227.3	192.9	190.5
42.5°	1646.2	1468.1	1149.7	870.4	645.0	451.7	296.5	189.1	145.1	132.7	131.8
45°	1546.9	1365.5	1037.9	763.9	533.8	338.5	191.9	129.9	112.7	106.5	105.5
47.5°	1444.2	1259.0	926.7	656.9	428.7	234.4	127.5	103.6	93.1	89.3	88.8
50°	1334.4	1147.7	826.0	552.4	326.1	148.5	100.3	85.5	79.3	76.9	76.4
52.5°	1224.6	1033.6	714.7	446.4	228.7	105.5	83.1	73.0	69.2	67.8	67.3
55°	1097.1	918.6	606.3	352.8	146.6	85.0	69.7	63.5	61.1	58.7	58.7
57.5°	980.2	802.1	505.6	260.7	97.4	69.7	59.7	55.4	52.5	50.6	50.1
60°	855.1	686.1	406.8	177.1	75.9	58.2	52.0	48.7	45.8	43.9	43.4
62.5°	729.5	571.0	314.6	106.5	60.6	49.2	45.8	42.5	40.1	38.2	38.2
65°	607.3	462.6	229.6	70.2	49.2	42.0	39.1	36.8	34.9	33.4	33.4
67.5°	488.4	356.6	155.6	53.5	39.6	35.8	33.9	32.0	30.1	29.1	29.1
70°	376.7	265.5	93.6	40.1	32.5	30.1	29.1	27.2	26.3	24.8	24.8
72.5°	275.5	184.3	51.1	31.0	26.3	24.8	24.3	22.9	22.0	21.0	21.0
75°	193.4	117.0	32.0	23.9	20.5	20.1	20.1	19.1	18.1	17.2	17.2
77.5°	119.8	64.9	22.0	17.2	15.8	15.8	15.8	14.8	13.8	13.4	12.9
80°	64.0	31.0	14.8	12.4	11.5	11.5	11.5	11.0	10.0	9.5	9.1
82.5°	26.7	14.3	9.5	8.1	7.2	7.6	7.6	6.7	5.7	4.8	4.8
85°	10.0	8.1	6.7	5.7	5.3	4.8	4.3	3.3	2.4	1.9	1.9
87.5°	6.2	5.7	5.3	4.8	4.3	3.3	2.9	1.9	1.0	0.5	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)