

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: P1554995

Luminaire Tested: **AXCL6A-W**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554995
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-W
Description: Axcent Wall Mount Luminaire , Full Cutoff, 3000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6502 lumens
Efficiency: N/A
Efficacy: 131.6 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

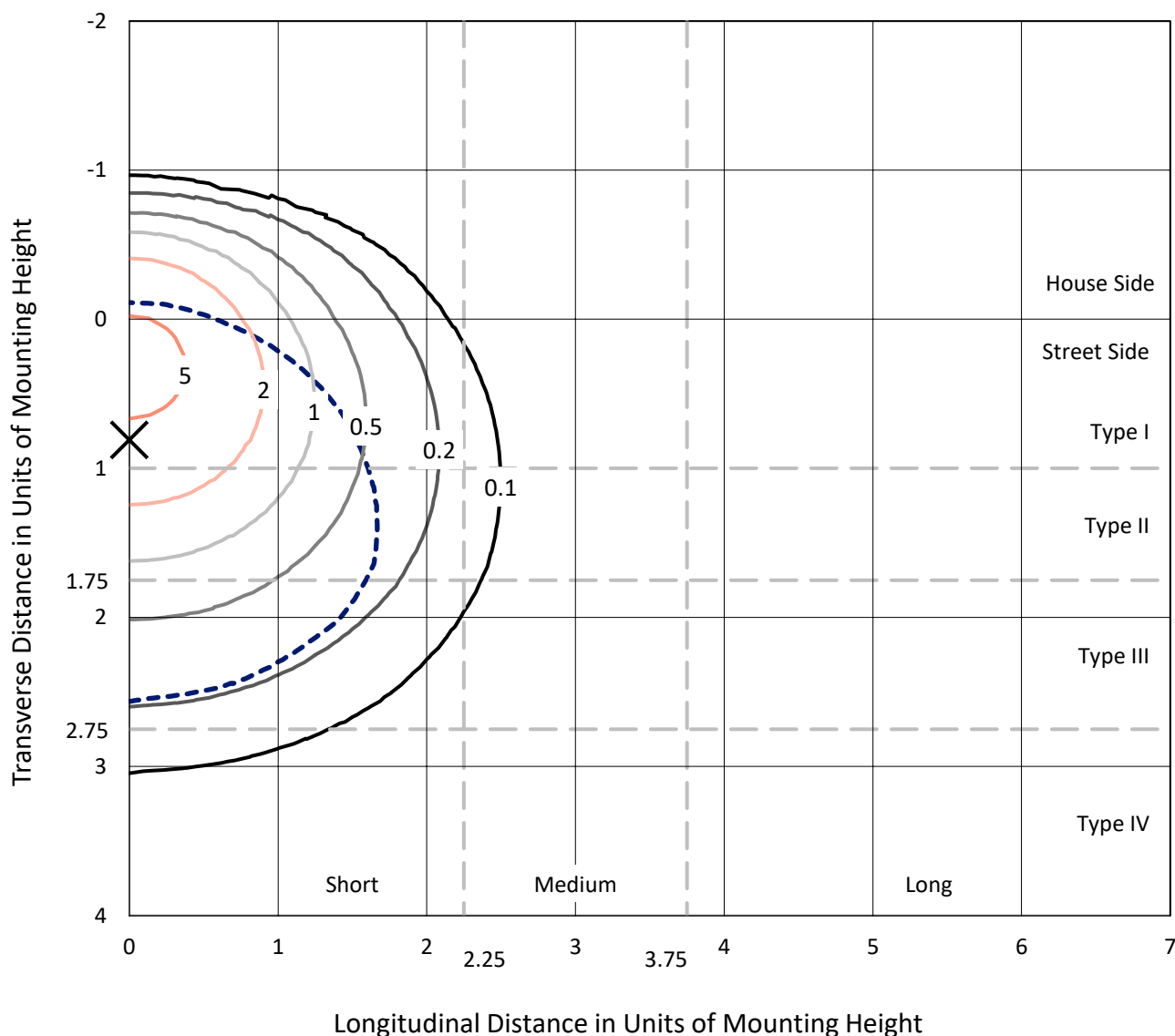
Input Watts (W): 49.4
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

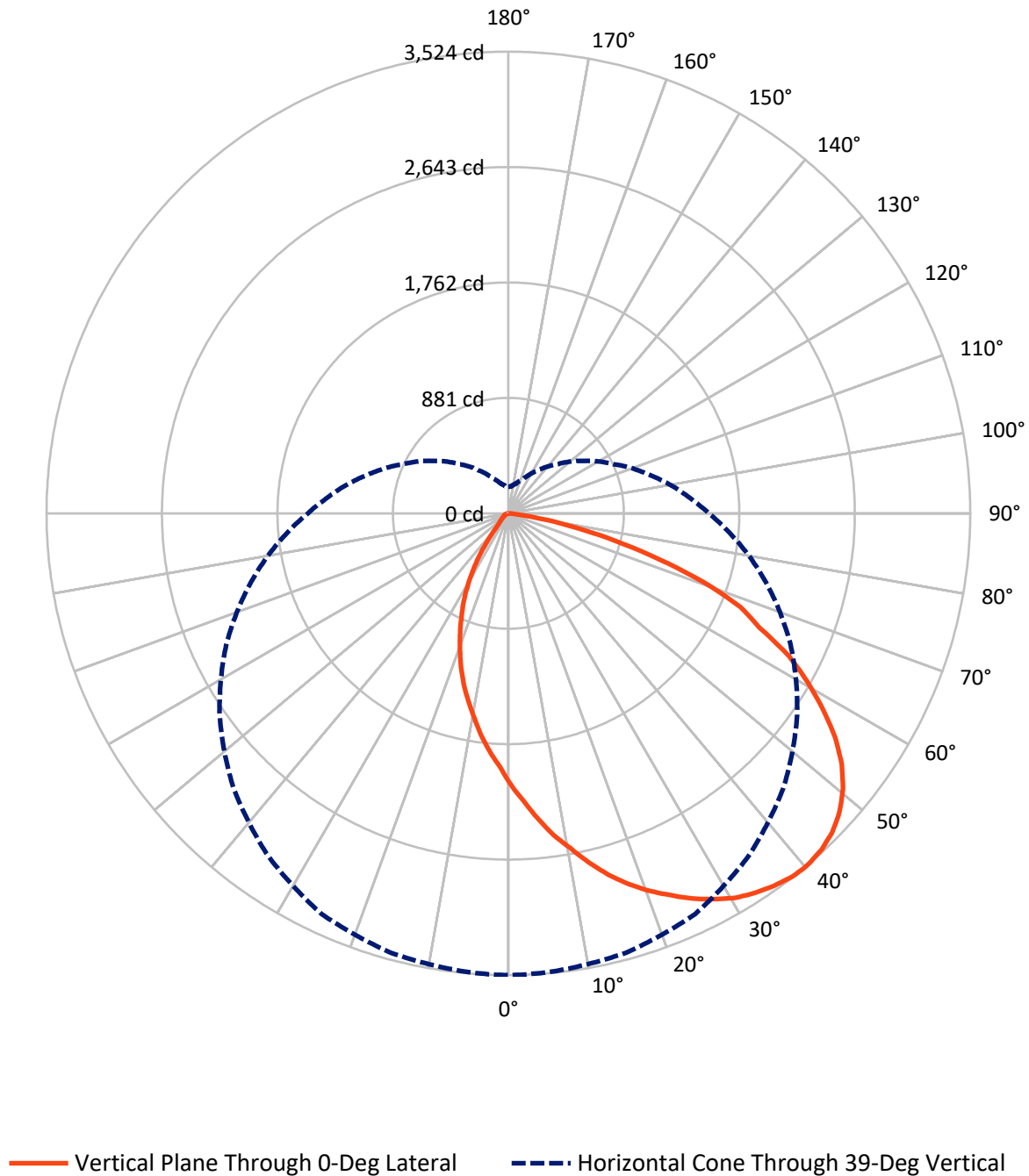
--- 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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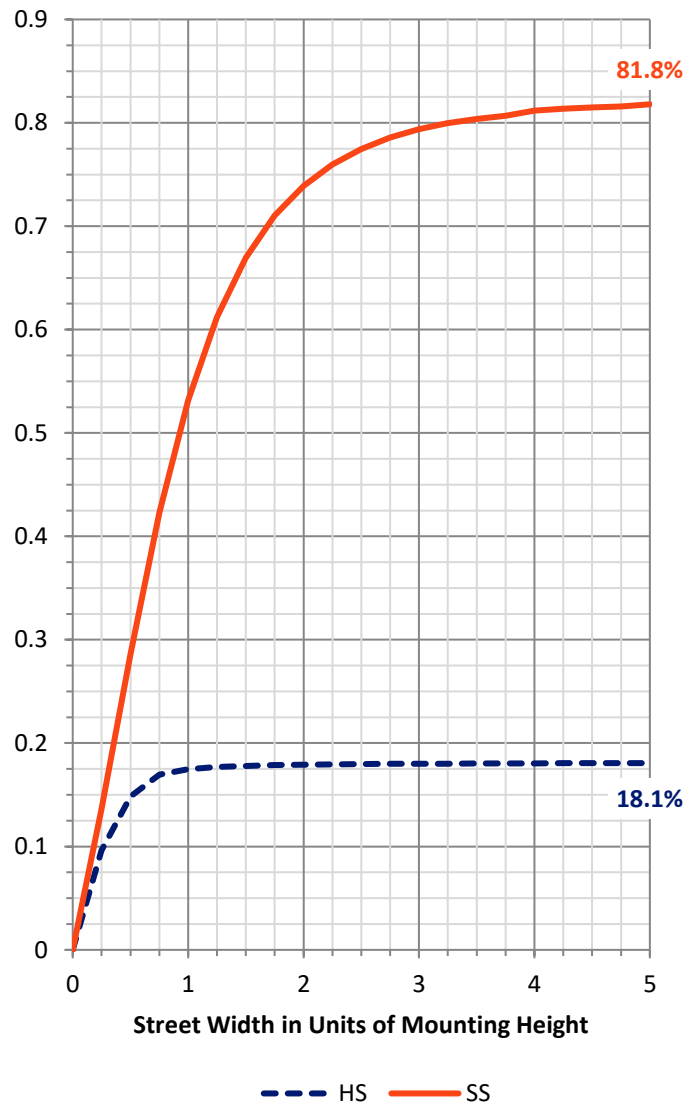
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1186.0	0.0	1186.0
	% Fixture	18.2	0.0	18.2
Street Side	Lumens	5316.0	0.0	5316.0
	% Fixture	81.8	0.0	81.8
Total	Lumens	6502.0	0.0	6502.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.2	3.0
10°-20°	584.4	9.0
20°-30°	911.9	14.0
30°-40°	1134.1	17.4
40°-50°	1220.6	18.8
50°-60°	1146.8	17.6
60°-70°	868.7	13.4
70°-80°	402.2	6.2
80°-90°	35.3	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°	6502.0	100.0
0°-180°	6502.0	100.0

Coefficient of Utilization



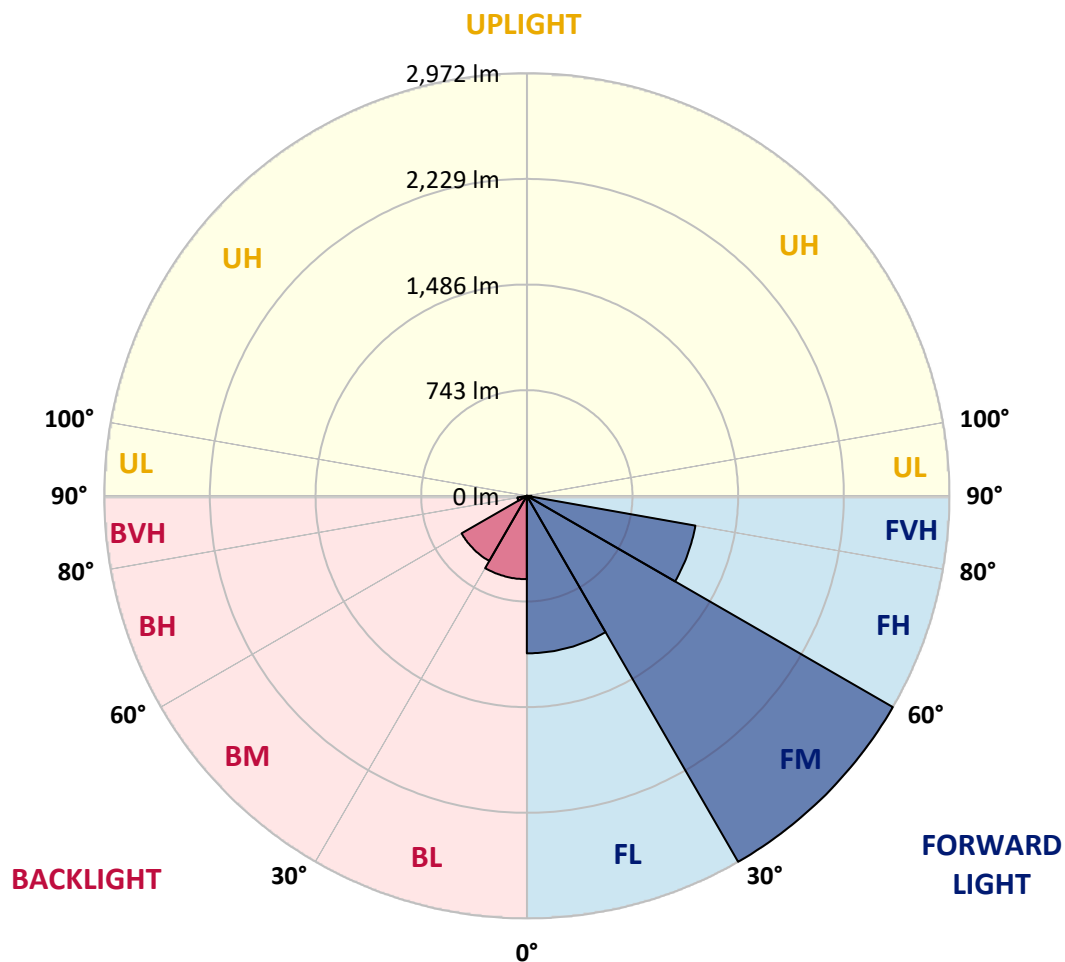
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1107.8	17.0			
FM	(30°-60°)	2972.0	45.7			
FH	(60°-80°)	1203.7	18.5			G1/1800
FVH	(80°-90°)	32.5	0.5			G1/100
BL	(0°-30°)	586.6	9.0	B2/1000		
BM	(30°-60°)	529.4	8.1	B1/1000		
BH	(60°-80°)	67.2	1.0	B0/110		G0/110
BVH	(80°-90°)	2.8	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°	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8
2.5°	2197.5	2188.8	2193.4	2185.5	2184.7	2175.6	2159.0	2146.6	2130.9	2106.1	2080.0
5°	2339.9	2330.4	2334.5	2320.9	2312.6	2291.9	2258.4	2227.7	2192.1	2144.1	2096.5
7.5°	2479.4	2472.3	2473.6	2456.6	2439.2	2404.5	2355.2	2304.3	2246.4	2177.2	2105.2
10°	2600.2	2596.9	2601.9	2574.1	2549.7	2502.9	2439.6	2367.6	2287.3	2194.2	2101.5
12.5°	2734.3	2724.8	2729.3	2698.7	2666.4	2605.2	2524.9	2433.0	2329.5	2212.8	2095.7
15°	2863.0	2864.6	2862.2	2829.9	2788.9	2713.2	2615.5	2500.9	2373.4	2230.2	2088.7
17.5°	2975.6	2981.8	2980.1	2946.6	2890.7	2807.1	2694.6	2557.2	2404.5	2236.0	2068.0
20°	3076.5	3081.1	3078.2	3042.2	2978.5	2883.3	2755.8	2598.1	2420.2	2225.7	2035.3
22.5°	3165.5	3168.4	3165.9	3126.2	3055.0	2949.1	2807.5	2628.8	2427.6	2212.0	2002.2
25°	3257.4	3256.6	3254.5	3211.5	3133.6	3015.3	2857.2	2657.7	2438.0	2201.7	1971.2
27.5°	3334.4	3341.0	3335.6	3295.0	3210.2	3077.8	2901.1	2683.4	2446.2	2188.8	1936.4
30°	3406.4	3403.9	3399.8	3356.7	3267.3	3123.7	2929.6	2696.2	2442.9	2166.5	1895.0
32.5°	3453.1	3453.1	3443.6	3402.2	3309.9	3155.2	2946.2	2701.6	2431.4	2135.5	1843.7
35°	3491.2	3490.0	3480.9	3439.5	3344.7	3181.7	2959.8	2702.4	2416.0	2101.1	1789.1
37.5°	3517.3	3516.5	3507.8	3464.7	3366.2	3193.2	2966.0	2696.2	2393.3	2059.7	1729.9
39°	3523.5	3523.5	3515.2	3471.3	3373.3	3194.1	2966.0	2689.2	2375.1	2032.8	1692.2
40°	3522.7	3522.7	3514.4	3471.8	3372.9	3190.3	2961.9	2680.5	2361.0	2012.5	1666.1
42.5°	3505.3	3506.1	3497.8	3457.3	3359.2	3172.6	2938.7	2650.7	2318.0	1956.3	1596.2
45°	3466.4	3466.4	3458.9	3420.9	3320.3	3133.6	2898.6	2601.9	2262.9	1888.8	1520.5
47.5°	3400.2	3401.8	3393.5	3358.4	3256.6	3079.4	2845.2	2541.8	2195.5	1814.3	1434.4
50°	3307.9	3310.4	3302.1	3267.7	3175.0	3004.1	2771.9	2466.5	2111.4	1731.5	1341.7
52.5°	3183.3	3184.1	3180.4	3151.0	3067.4	2904.4	2678.0	2374.2	2018.7	1633.0	1242.8
55°	3026.5	3029.8	3024.8	2997.1	2927.6	2780.2	2563.8	2263.7	1909.5	1529.6	1134.8
57.5°	2831.5	2835.3	2832.0	2810.0	2755.8	2629.6	2426.8	2135.5	1799.8	1410.8	1021.4
60°	2627.1	2632.1	2628.3	2608.1	2555.9	2455.4	2270.4	1990.2	1659.5	1283.8	904.7
62.5°	2402.0	2406.1	2402.8	2397.8	2348.6	2261.3	2101.9	1831.3	1515.9	1152.6	785.9
65°	2105.2	2111.0	2099.4	2121.0	2112.3	2025.8	1902.0	1660.8	1352.9	1002.3	669.6
67.5°	1909.1	1910.7	1893.3	1873.9	1813.1	1797.3	1690.6	1477.0	1185.3	860.4	552.9
70°	1588.3	1557.3	1561.4	1587.5	1610.3	1522.5	1462.9	1276.7	1009.4	711.8	441.2
72.5°	1205.5	1179.5	1186.1	1201.4	1240.7	1280.9	1190.2	1074.8	830.6	574.4	330.2
75°	848.8	822.3	830.2	843.0	873.2	910.0	933.2	834.3	641.0	433.7	240.4
77.5°	529.3	521.4	512.3	520.6	543.8	576.5	604.6	599.7	459.0	302.9	157.3
80°	251.6	244.6	240.0	246.7	261.6	300.5	324.9	324.9	282.2	185.4	89.4
82.5°	46.4	45.1	44.7	50.5	57.1	89.8	118.4	132.0	127.9	85.7	36.8
85°	21.5	20.3	20.7	21.1	21.5	24.0	25.2	30.2	35.6	23.6	12.0
87.5°	7.4	7.9	7.9	8.7	8.3	9.1	9.5	10.3	9.5	7.4	6.2
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°	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8	2068.8
2.5°	2066.8	2055.2	2033.2	2010.1	1989.4	1966.6	1952.1	1944.3	1934.7	1936.4	1931.0
5°	2073.0	2049.0	2006.3	1963.7	1926.0	1888.0	1861.5	1843.3	1828.0	1826.7	1821.8
7.5°	2070.1	2034.1	1970.7	1909.5	1854.9	1800.6	1762.2	1736.1	1713.3	1709.2	1704.6
10°	2055.6	2010.1	1926.9	1844.9	1775.8	1707.1	1657.9	1622.7	1593.7	1586.7	1580.1
12.5°	2038.6	1984.0	1880.5	1782.0	1699.7	1623.5	1560.6	1515.9	1482.8	1466.7	1465.0
15°	2020.4	1954.6	1830.9	1719.1	1619.8	1536.6	1465.4	1413.3	1374.0	1355.3	1352.5
17.5°	1989.4	1912.4	1771.7	1643.8	1532.1	1440.2	1360.7	1302.4	1257.7	1237.0	1232.4
20°	1945.1	1859.8	1702.2	1559.0	1435.6	1333.4	1248.6	1185.7	1136.8	1111.6	1105.8
22.5°	1900.8	1806.4	1633.0	1475.8	1340.5	1228.3	1135.2	1067.7	1015.2	987.4	982.1
25°	1860.2	1758.8	1566.4	1396.3	1248.6	1125.7	1023.9	945.6	896.0	865.8	859.6
27.5°	1815.5	1705.0	1496.9	1314.0	1155.5	1022.2	912.1	828.5	775.1	742.4	747.8
30°	1762.2	1642.6	1420.3	1220.4	1055.3	914.6	797.5	710.2	654.7	619.1	624.5
32.5°	1701.3	1574.3	1338.4	1128.6	957.2	804.9	687.0	593.9	536.8	504.1	503.2
35°	1638.0	1503.1	1251.9	1037.1	856.7	696.5	573.2	481.3	413.4	384.9	382.8
37.5°	1570.5	1428.6	1172.8	944.4	757.8	592.2	466.8	366.3	303.3	268.6	266.1
39°	1529.2	1384.3	1121.1	887.3	697.7	530.1	402.7	300.9	236.7	204.9	203.2
40°	1499.8	1353.7	1085.5	849.6	658.0	490.0	359.6	257.4	197.0	167.2	165.1
42.5°	1426.9	1272.6	996.5	754.4	559.1	391.5	257.0	163.9	125.8	115.0	114.2
45°	1340.9	1183.6	899.7	662.2	462.7	293.4	166.4	112.6	97.7	92.3	91.5
47.5°	1251.9	1091.3	803.3	569.5	371.6	203.2	110.5	89.8	80.7	77.4	77.0
50°	1156.7	994.9	716.0	478.8	282.7	128.7	86.9	74.1	68.7	66.6	66.2
52.5°	1061.5	896.0	619.5	386.9	198.2	91.5	72.0	63.3	60.0	58.8	58.4
55°	951.0	796.2	525.6	305.8	127.1	73.7	60.4	55.0	53.0	50.9	50.9
57.5°	849.6	695.3	438.3	226.0	84.4	60.4	51.7	48.0	45.5	43.9	43.5
60°	741.2	594.7	352.6	153.5	65.8	50.5	45.1	42.2	39.7	38.1	37.7
62.5°	632.4	495.0	272.7	92.3	52.6	42.6	39.7	36.8	34.8	33.1	33.1
65°	526.4	401.0	199.1	60.8	42.6	36.4	33.9	31.9	30.2	29.0	29.0
67.5°	423.4	309.1	134.9	46.4	34.3	31.0	29.4	27.7	26.1	25.2	25.2
70°	326.5	230.1	81.1	34.8	28.1	26.1	25.2	23.6	22.8	21.5	21.5
72.5°	238.8	159.7	44.3	26.9	22.8	21.5	21.1	19.9	19.0	18.2	18.2
75°	167.6	101.4	27.7	20.7	17.8	17.4	17.4	16.6	15.7	14.9	14.9
77.5°	103.9	56.3	19.0	14.9	13.7	13.7	13.7	12.8	12.0	11.6	11.2
80°	55.5	26.9	12.8	10.8	9.9	9.9	9.9	9.5	8.7	8.3	7.9
82.5°	23.2	12.4	8.3	7.0	6.2	6.6	6.6	5.8	5.0	4.1	4.1
85°	8.7	7.0	5.8	5.0	4.6	4.1	3.7	2.9	2.1	1.7	1.7
87.5°	5.4	5.0	4.6	4.1	3.7	2.9	2.5	1.7	0.8	0.4	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)