

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: P1554997

Luminaire Tested: **AXCL6ARL-C**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554997
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1710-354-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: AXCL6ARL-C
Description: Axcent Wall Mount Luminaire , Refractive Lens, 5000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7714 lumens
Efficiency: N/A
Efficacy: 156.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.75' x L: 0.29' x H: 0.38')
IES Classification: Type IV - Short
BUG Rating: B1 - U4 - G4

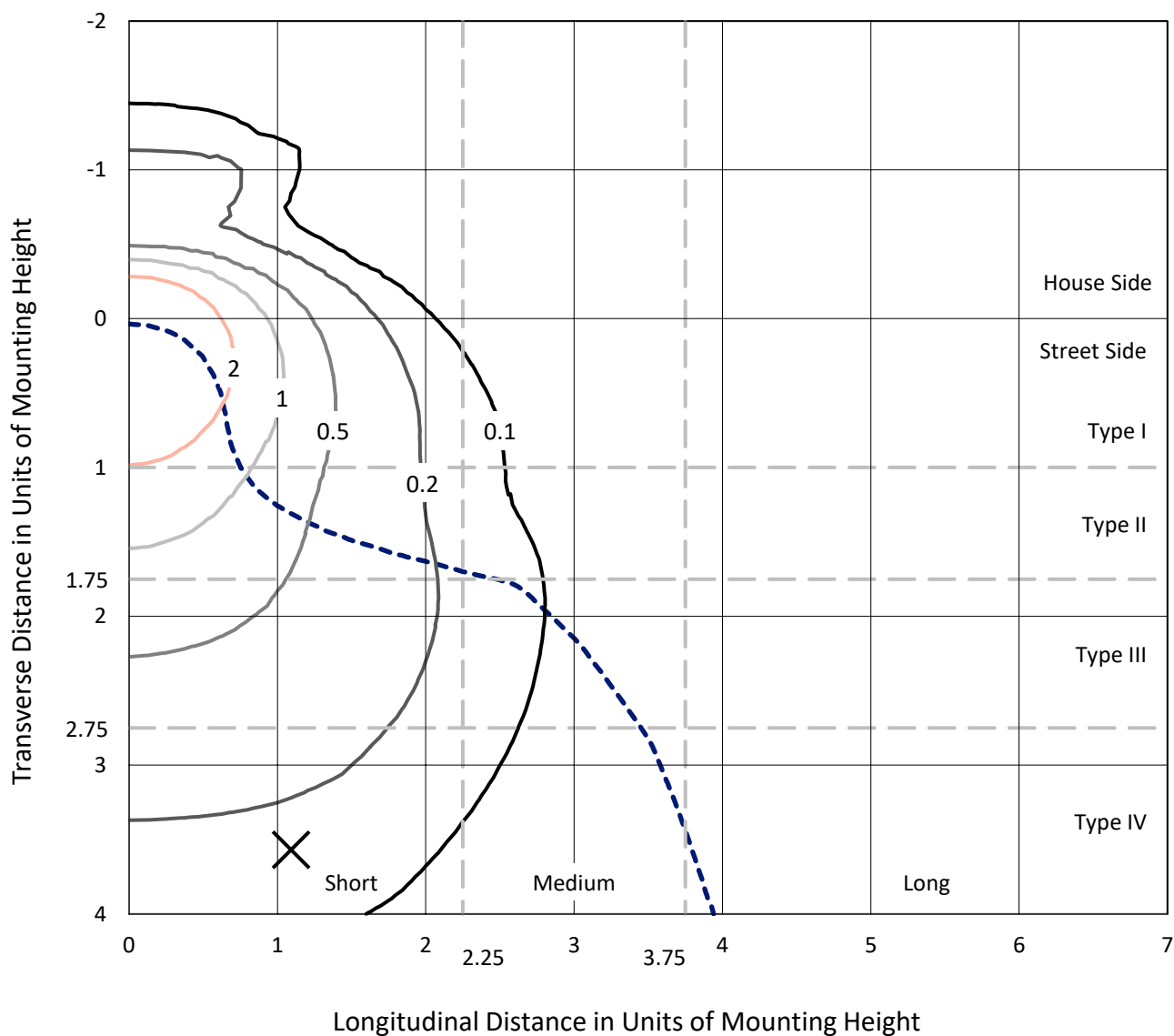
Input Watts (W): 49.4
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P1554997
 CATALOG NUMBER: AXCL6ARL-C

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

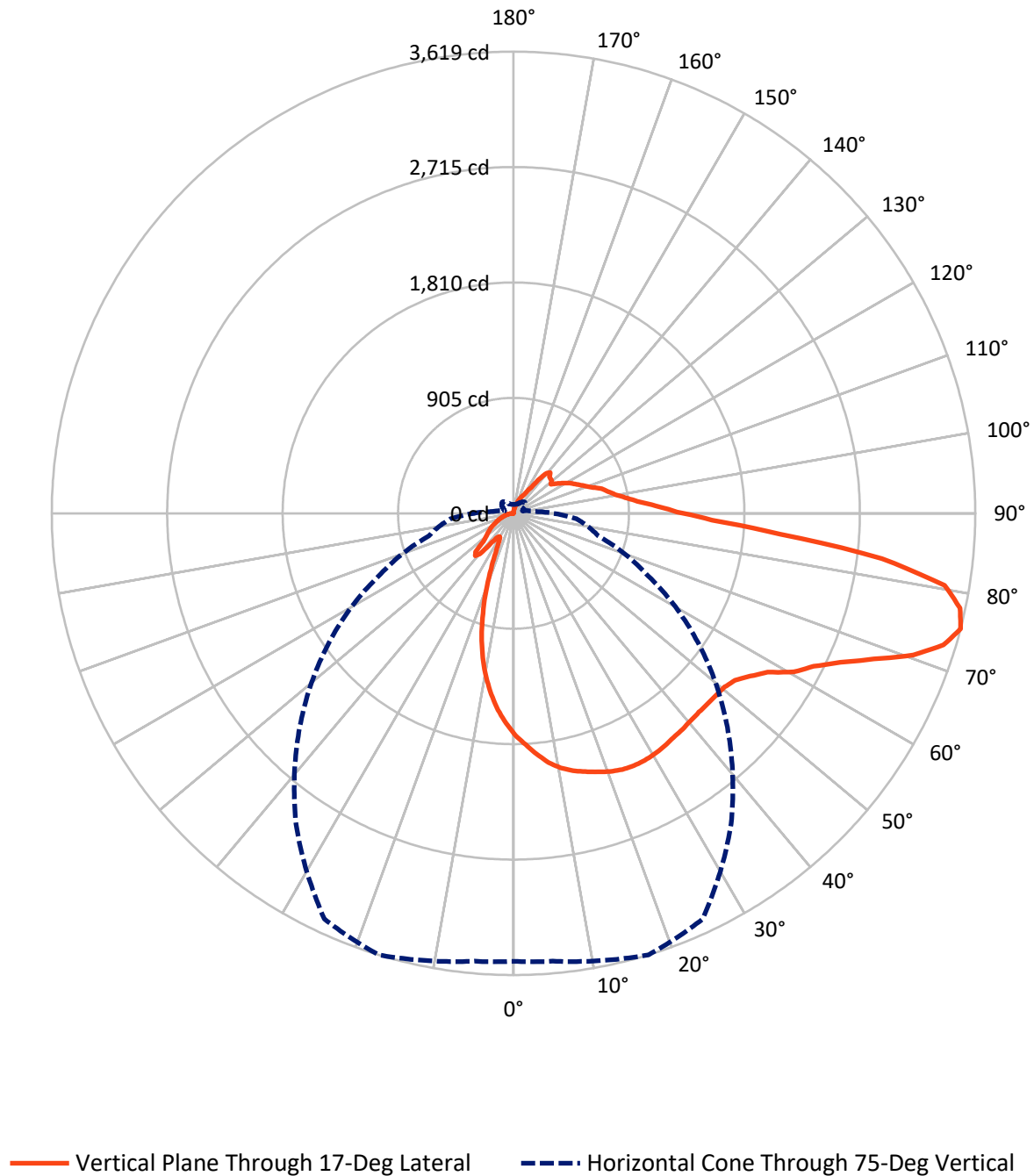


Based on 20 foot mounting height. Maximum calculated value = 4.8 fc

Type IV - Short - N/A

REPORT NUMBER: P1554997
CATALOG NUMBER: AXCL6ARL-C

Luminous Intensity Polar Plot



REPORT NUMBER: P1554997
 CATALOG NUMBER: AXCL6ARL-C

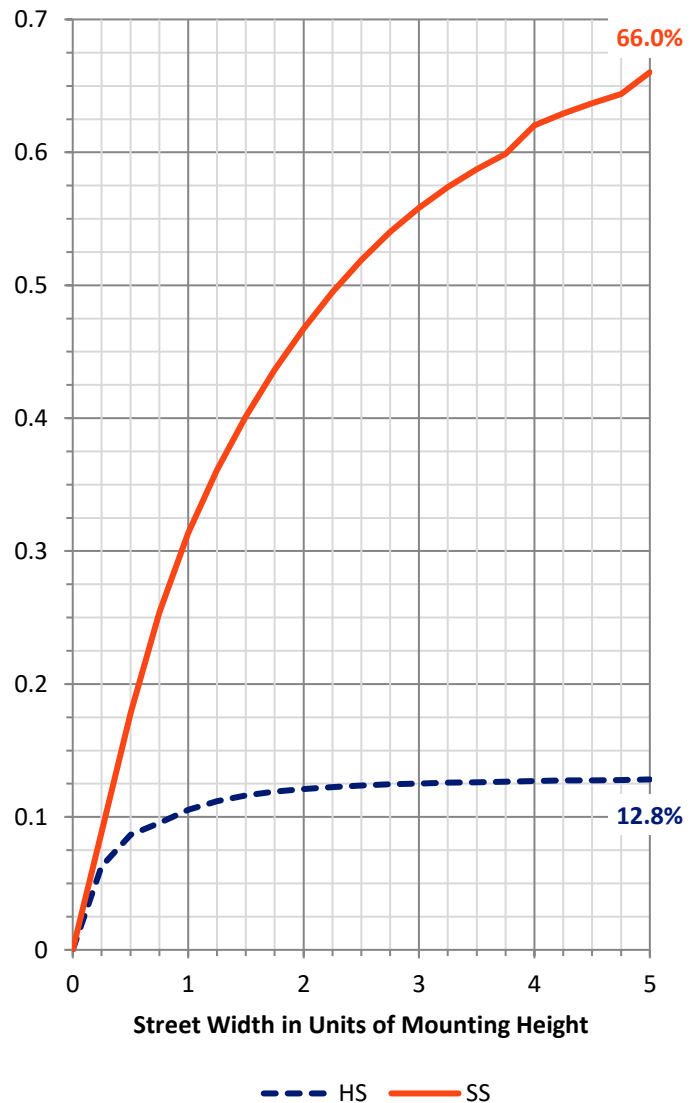
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1007.6	60.8	1068.5
	% Fixture	13.1	0.8	13.9
Street Side	Lumens	5571.6	1073.9	6645.5
	% Fixture	72.2	13.9	86.1
Total	Lumens	6579.3	1134.7	7714.0
	% Fixture	85.3	14.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.4	2.1
10°-20°	448.5	5.8
20°-30°	625.3	8.1
30°-40°	735.1	9.5
40°-50°	820.3	10.6
50°-60°	864.7	11.2
60°-70°	1011.8	13.1
70°-80°	1193.0	15.5
80°-90°	717.4	9.3
90°-100°	363.7	4.7
100°-110°	255.2	3.3
110°-120°	185.1	2.4
120°-130°	131.2	1.7
130°-140°	108.9	1.4
140°-150°	59.5	0.8
150°-160°	23.4	0.3
160°-170°	7.1	0.1
170°-180°	0.7	0.0
0°-90°	6579.3	85.3
0°-180°	7714.0	100.0

Coefficient of Utilization



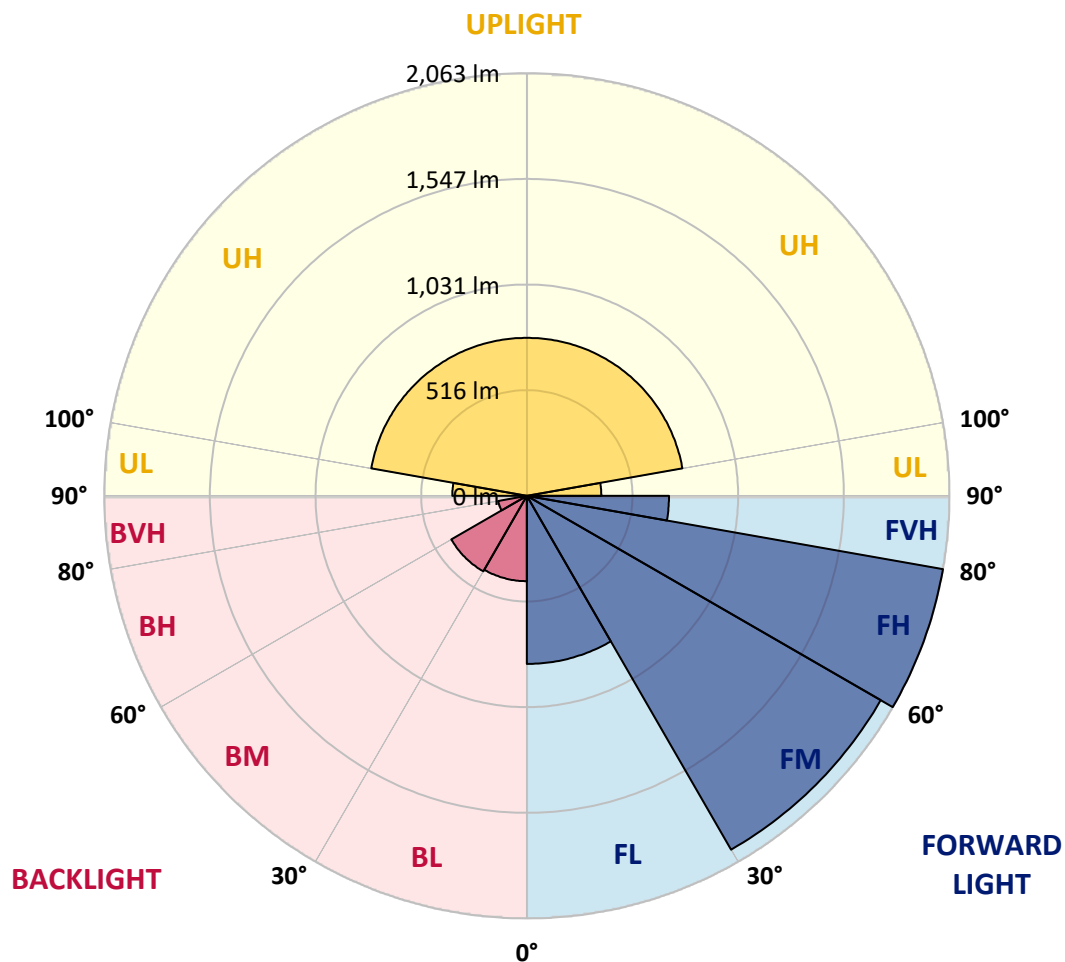
REPORT NUMBER: P1554997
 CATALOG NUMBER: AXCL6ARL-C

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	820.5	10.6			
FM	(30°-60°)	1994.4	25.9			
FH	(60°-80°)	2062.6	26.7			G2/5000
FVH	(80°-90°)	694.0	9.0			G4/750
BL	(0°-30°)	416.6	5.4	B1/500		
BM	(30°-60°)	425.5	5.5	B1/1000		
BH	(60°-80°)	142.1	1.8	B1/500		G1/500
BVH	(80°-90°)	23.3	0.3			G1/100
UL	(90°-100°)	363.7	4.7		U3/500	
UH	(100°-180°)	771.0	10.0		U4/1000	

BUG Rating: B1-U4-G4

Type IV Short





REPORT NUMBER: P1554997

CATALOG NUMBER: AXCL6ARL-C

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
0°	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7
2.5°	1826.0	1822.8	1818.4	1816.2	1810.8	1805.1	1797.0	1784.2	1772.6	1756.1	1745.0
5°	1904.2	1905.1	1897.6	1896.7	1882.4	1870.4	1847.7	1826.4	1804.6	1773.0	1746.4
7.5°	1987.4	1982.0	1974.5	1973.2	1956.7	1935.4	1907.3	1866.4	1827.3	1784.6	1742.3
10°	2044.3	2041.2	2032.7	2029.6	2017.6	1992.7	1953.1	1905.1	1850.0	1789.5	1732.6
12.5°	2084.3	2080.8	2071.9	2070.1	2055.9	2030.1	1990.0	1934.9	1867.3	1787.7	1715.7
15°	2118.1	2114.1	2103.9	2101.7	2081.7	2055.0	2011.8	1953.6	1877.1	1782.4	1694.3
17.5°	2152.8	2148.4	2135.5	2131.0	2108.8	2072.8	2021.2	1960.3	1879.8	1771.3	1668.5
20°	2183.9	2179.0	2164.8	2160.8	2131.9	2087.9	2024.7	1958.0	1874.4	1755.2	1635.2
22.5°	2204.4	2199.9	2184.4	2181.7	2150.6	2098.6	2026.1	1947.4	1860.6	1733.0	1596.0
25°	2214.2	2209.7	2195.5	2191.5	2158.1	2103.0	2023.0	1932.7	1838.4	1703.2	1552.5
27.5°	2216.8	2212.8	2196.8	2192.4	2156.8	2098.1	2014.5	1914.0	1806.8	1667.2	1503.1
30°	2212.4	2208.4	2191.9	2186.6	2147.5	2085.2	1996.7	1887.3	1768.6	1627.2	1451.1
32.5°	2206.2	2201.3	2180.4	2174.2	2130.6	2065.2	1969.6	1854.0	1725.5	1581.8	1388.8
35°	2196.4	2190.6	2165.3	2158.1	2110.6	2036.3	1936.7	1816.6	1682.8	1530.2	1331.4
37.5°	2198.6	2191.5	2159.9	2149.7	2091.0	2002.5	1900.7	1776.1	1635.6	1479.5	1269.6
40°	2192.4	2184.4	2147.0	2137.2	2076.8	1971.8	1851.7	1729.9	1591.6	1427.5	1212.7
42.5°	2197.3	2189.3	2144.8	2130.6	2053.6	1934.9	1806.8	1685.4	1536.9	1373.2	1142.4
45°	2208.4	2198.6	2147.0	2130.1	2037.2	1895.8	1765.5	1636.1	1489.3	1309.2	1078.9
47.5°	2206.6	2199.5	2148.4	2133.7	2030.5	1865.5	1720.6	1592.0	1429.3	1248.3	1012.1
50°	2236.4	2222.6	2159.0	2142.1	2027.8	1846.4	1681.9	1545.8	1368.8	1172.2	944.1
52.5°	2284.0	2268.9	2195.1	2172.8	2047.9	1836.2	1645.4	1497.8	1317.2	1107.3	881.0
55°	2381.4	2358.7	2276.9	2252.0	2103.0	1850.4	1610.3	1453.3	1263.0	1049.5	808.0
57.5°	2497.0	2493.5	2378.7	2348.9	2186.6	1888.2	1609.8	1398.6	1218.5	989.0	752.4
60°	2660.2	2648.7	2553.9	2524.6	2333.4	1968.7	1645.0	1361.2	1177.6	940.1	700.4
62.5°	2782.1	2759.8	2661.1	2639.3	2501.5	2111.5	1703.2	1358.6	1132.2	899.6	647.9
65°	2960.8	2933.7	2842.5	2816.3	2640.7	2284.9	1830.8	1386.1	1076.2	869.0	609.2
67.5°	3150.7	3136.5	3068.9	3045.3	2927.9	2541.0	2009.2	1472.0	1034.8	847.6	567.4
70°	3350.0	3341.9	3321.9	3325.9	3261.9	2855.4	2275.5	1636.1	1051.7	833.4	534.5
72.5°	3448.7	3441.1	3504.7	3524.7	3504.3	3041.3	2453.4	1857.5	1115.3	775.1	512.7
75°	3512.3	3524.7	3603.9	3619.4	3509.2	2973.3	2369.8	1763.7	1166.0	688.0	495.8
77.5°	3555.0	3562.5	3596.8	3578.1	3330.4	2700.2	2142.1	1588.9	1075.7	625.3	473.2
80°	3520.7	3522.1	3486.0	3426.0	3023.5	2375.2	1765.0	1279.0	916.5	533.6	404.7
82.5°	3304.6	3272.1	3033.8	2908.4	2432.5	1770.4	1180.2	896.1	745.8	478.5	277.1
85°	2679.3	2649.1	2194.2	2097.7	1728.6	1272.3	965.0	788.0	661.7	466.0	177.0
87.5°	1886.9	1860.2	1627.6	1556.5	1363.5	1062.8	865.4	720.4	596.3	434.0	108.1
90°	1494.6	1464.0	1314.1	1280.3	1152.2	950.3	781.8	650.6	532.8	368.7	88.9
92.5°	1242.1	1223.4	1128.7	1114.4	1021.5	862.3	719.1	594.1	470.5	290.8	79.6
95°	1053.5	1049.9	980.1	974.8	922.8	797.4	668.4	557.7	408.7	221.0	76.0
97.5°	927.7	916.5	877.4	884.1	851.6	734.2	616.4	521.6	347.8	180.1	80.5
100°	833.4	828.0	799.6	809.8	783.6	688.0	579.4	474.5	304.2	154.3	85.8
102.5°	769.8	764.9	746.2	759.1	736.0	642.2	544.3	430.5	274.4	151.2	90.3
105°	717.3	714.2	705.7	718.6	696.4	596.3	501.2	395.3	248.1	153.0	93.8
107.5°	666.2	660.8	647.5	655.9	627.0	548.8	456.3	362.4	239.7	156.1	95.6
110°	598.1	598.1	597.7	605.7	583.5	510.5	421.1	325.1	238.4	157.4	95.6



REPORT NUMBER: P1554997

CATALOG NUMBER: AXCL6ARL-C

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	17°	25°	35°	45°	55°	65°	75°	85°
112.5°	566.6	563.9	563.0	568.3	539.9	469.2	397.6	300.2	221.9	156.1	92.9
115°	534.5	531.4	532.8	533.2	505.2	434.9	365.5	286.8	209.0	150.8	88.1
117.5°	506.5	504.7	504.7	504.3	467.8	408.7	329.1	272.6	198.8	141.0	81.8
120°	472.3	470.1	467.4	467.4	436.7	371.8	310.4	244.1	186.3	134.3	76.0
122.5°	438.9	436.7	430.9	430.9	398.0	335.8	299.3	234.8	182.8	126.7	70.7
125°	407.8	406.0	401.1	398.5	362.9	340.6	276.2	227.2	176.5	122.7	65.4
127.5°	383.8	380.7	372.2	370.0	370.4	334.9	273.9	219.2	178.3	117.0	60.5
130°	401.6	394.9	394.5	393.6	376.2	322.4	283.7	232.1	177.9	113.4	55.6
132.5°	412.2	410.0	399.8	396.7	369.5	343.3	278.4	233.5	176.5	108.5	50.7
135°	414.5	412.2	402.0	401.6	391.8	343.8	302.0	241.9	172.5	102.3	45.8
137.5°	435.8	435.4	431.8	430.0	397.1	349.5	300.2	236.1	162.8	92.9	41.8
140°	427.8	426.0	411.4	407.8	383.3	349.1	289.1	217.9	141.4	80.5	38.2
142.5°	344.6	346.4	339.8	342.0	318.9	269.5	233.0	173.0	119.2	70.7	35.1
145°	268.2	268.2	255.3	249.5	233.9	218.3	186.8	141.4	102.7	64.0	32.0
147.5°	204.1	203.7	207.7	209.0	194.8	173.4	146.3	121.0	88.1	58.3	28.0
150°	180.5	178.3	169.0	168.5	165.4	146.3	130.3	110.7	79.6	52.5	25.3
152.5°	159.2	160.1	155.6	153.4	142.3	133.4	119.6	96.5	72.9	46.2	22.2
155°	135.2	135.6	133.9	134.3	131.2	120.1	102.3	83.2	64.5	40.9	20.5
157.5°	122.3	121.8	118.3	118.3	117.4	101.8	85.8	73.8	54.7	35.6	19.6
160°	107.6	107.2	103.2	100.5	94.3	82.3	73.4	59.1	46.7	30.7	18.7
162.5°	83.6	82.7	79.6	78.3	74.7	69.8	59.6	48.9	37.4	25.3	16.0
165°	68.9	68.9	67.2	67.6	63.1	54.3	47.6	38.7	29.4	19.1	12.9
167.5°	52.9	52.0	51.1	50.3	47.6	43.1	36.5	29.8	20.9	13.3	9.3
170°	40.5	40.5	39.1	38.7	36.0	32.5	26.7	19.1	13.8	7.6	6.2
172.5°	28.5	28.9	27.6	27.1	25.3	20.0	15.6	11.1	7.6	5.3	4.0
175°	14.2	13.3	10.2	10.2	8.9	8.0	6.2	4.9	4.0	3.6	3.1
177.5°	2.2	1.8	2.2	2.2	2.7	3.1	3.1	3.6	3.1	3.1	2.7
180°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3



REPORT NUMBER: P1554997

CATALOG NUMBER: AXCL6ARL-C

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7	1739.7
2.5°	1737.5	1729.5	1713.9	1700.5	1688.1	1675.2	1666.3	1656.1	1644.1	1641.4	1644.1
5°	1731.2	1715.2	1685.0	1654.7	1623.2	1600.9	1575.1	1557.8	1543.1	1536.5	1534.2
7.5°	1719.2	1696.5	1648.5	1602.7	1556.0	1514.2	1476.0	1450.2	1424.4	1416.4	1419.5
10°	1702.8	1669.9	1605.8	1543.6	1477.3	1419.0	1369.7	1323.0	1295.4	1276.7	1275.0
12.5°	1677.4	1637.8	1555.6	1474.6	1391.5	1315.0	1246.1	1195.4	1149.6	1133.5	1122.0
15°	1648.1	1599.6	1501.8	1396.4	1294.1	1205.1	1114.0	1045.5	984.1	962.8	948.6
17.5°	1612.9	1556.9	1439.1	1316.8	1191.8	1074.0	969.9	867.6	808.0	766.7	772.5
20°	1573.8	1509.8	1375.0	1229.6	1080.6	934.8	807.6	703.5	629.3	590.1	582.1
22.5°	1527.1	1456.0	1299.9	1135.8	965.9	793.4	646.6	533.2	453.6	421.6	413.1
25°	1479.1	1395.9	1222.9	1037.0	838.3	650.2	496.3	386.0	327.3	299.3	296.6
27.5°	1419.5	1335.0	1141.6	937.0	710.2	515.4	370.9	285.1	240.1	229.9	226.4
30°	1358.1	1264.7	1058.4	827.1	593.2	405.1	279.3	223.7	212.6	214.3	213.9
32.5°	1291.9	1191.8	966.3	720.9	476.7	308.6	219.7	210.8	216.1	225.9	227.7
35°	1227.4	1122.0	884.5	613.7	382.9	241.5	199.7	216.6	237.9	255.3	261.0
37.5°	1162.9	1046.4	793.4	519.9	307.7	202.3	201.9	237.0	307.3	381.1	396.2
40°	1092.6	977.9	706.6	433.6	249.9	185.9	216.6	303.3	434.9	474.9	475.8
42.5°	1027.3	899.2	625.7	363.3	209.0	187.2	237.0	414.9	456.3	458.0	455.4
45°	956.1	832.9	547.0	298.4	181.0	193.9	309.5	429.6	423.4	370.9	360.2
47.5°	891.2	760.4	476.3	249.0	167.7	203.2	384.2	401.6	300.2	285.9	285.1
50°	816.5	692.8	410.5	209.0	164.5	221.5	372.7	297.5	281.5	262.8	260.2
52.5°	756.0	623.9	347.8	181.0	164.1	265.5	336.2	278.4	251.7	239.3	238.8
55°	688.8	563.4	288.2	159.2	163.2	306.8	250.8	257.9	228.6	223.7	220.6
57.5°	620.8	493.6	238.8	143.2	161.9	284.2	235.2	228.1	209.0	193.9	193.0
60°	574.1	434.5	193.0	131.2	162.3	249.0	228.1	203.2	180.5	170.3	168.1
62.5°	514.5	383.8	158.3	123.2	163.2	196.6	213.9	179.2	157.4	149.0	147.2
65°	466.0	330.9	134.7	115.6	168.1	165.0	193.9	154.3	137.4	129.0	128.1
67.5°	422.0	282.8	114.3	109.4	172.1	155.2	172.1	134.3	118.7	112.5	110.7
70°	378.9	239.3	98.7	102.3	156.1	145.0	151.2	115.2	103.2	97.8	97.4
72.5°	344.6	198.8	84.5	94.7	133.4	135.2	127.6	99.2	88.5	82.7	82.7
75°	310.0	161.9	71.6	87.6	115.2	124.5	106.3	81.8	73.4	69.4	68.9
77.5°	274.4	117.0	62.3	83.6	101.8	113.0	89.4	67.2	60.0	56.9	57.4
80°	214.3	78.3	54.7	79.2	96.5	96.1	70.7	52.5	47.1	45.8	46.2
82.5°	144.5	49.4	46.2	64.9	84.0	78.7	51.1	39.1	34.7	33.8	33.4
85°	85.8	34.7	39.1	52.0	64.5	55.1	35.1	27.6	23.6	20.9	20.9
87.5°	50.3	28.9	32.5	46.2	44.9	34.2	22.7	16.5	12.0	9.8	9.3
90°	35.6	28.5	29.4	46.2	34.2	22.7	13.3	5.3	0.0	0.0	0.0
92.5°	36.5	31.6	31.1	49.4	34.2	22.2	12.9	5.3	0.0	0.0	0.0
95°	47.1	36.5	34.7	46.7	35.6	23.6	13.8	6.7	0.0	0.0	0.0
97.5°	56.0	41.4	38.2	44.5	36.5	24.5	14.2	6.2	0.0	0.0	0.0
100°	61.8	46.7	39.6	43.1	37.8	25.8	14.7	6.2	0.0	0.0	0.0
102.5°	67.2	52.0	42.2	44.0	39.6	26.2	15.1	6.7	0.0	0.0	0.0
105°	70.7	56.5	45.8	44.9	40.5	26.7	15.6	6.7	0.4	0.0	0.0
107.5°	72.0	58.7	48.9	44.5	42.7	26.7	15.1	6.7	0.4	0.0	0.0
110°	72.0	59.6	51.1	45.8	44.0	27.1	15.1	6.7	0.4	0.0	0.0

REPORT NUMBER: P1554997

CATALOG NUMBER: AXCL6ARL-C

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	69.4	58.7	51.1	46.7	41.8	28.0	14.7	6.2	0.4	0.0	0.0
115°	66.3	56.9	50.3	49.4	39.1	27.6	14.2	6.2	0.4	0.0	0.0
117.5°	61.8	54.3	48.9	50.3	37.4	26.2	13.8	5.8	0.4	0.0	0.0
120°	56.9	51.1	46.7	49.8	36.9	24.0	12.9	5.3	0.0	0.0	0.0
122.5°	52.5	47.1	44.0	47.1	36.0	22.2	12.0	4.4	0.0	0.0	0.0
125°	48.0	43.1	40.5	44.5	34.2	20.9	10.7	4.0	0.0	0.0	0.0
127.5°	44.0	39.6	36.9	42.2	31.1	19.6	9.3	3.1	0.0	0.0	0.0
130°	40.0	35.6	33.8	38.7	27.1	18.2	8.4	2.2	0.0	0.0	0.0
132.5°	36.5	32.5	30.7	35.6	24.5	17.3	7.1	1.8	0.0	0.0	0.0
135°	33.4	30.2	28.0	32.0	21.8	16.0	6.7	1.3	0.0	0.0	0.0
137.5°	30.7	28.5	27.1	28.9	18.7	14.7	5.8	0.9	0.0	0.0	0.0
140°	28.9	26.7	27.1	25.3	16.9	13.3	4.9	0.9	0.0	0.0	0.0
142.5°	27.1	25.3	26.7	22.2	15.1	11.6	4.0	0.4	0.0	0.0	0.0
145°	24.9	24.0	25.8	18.7	13.3	10.2	3.6	0.4	0.0	0.0	0.0
147.5°	23.1	22.7	24.5	15.6	11.6	8.9	2.7	0.0	0.0	0.0	0.0
150°	21.8	22.2	22.2	12.9	10.2	7.6	2.2	0.0	0.0	0.0	0.0
152.5°	20.5	20.9	19.6	10.7	8.4	6.2	1.3	0.0	0.0	0.0	0.0
155°	19.1	19.6	16.9	9.3	7.1	4.9	1.3	0.0	0.0	0.0	0.0
157.5°	18.2	18.2	14.7	8.0	5.3	3.6	0.9	0.0	0.0	0.0	0.0
160°	17.3	16.9	12.5	6.7	4.4	2.2	0.4	0.0	0.0	0.0	0.0
162.5°	15.6	13.8	10.2	5.8	3.6	1.8	0.4	0.0	0.0	0.0	0.0
165°	12.0	10.7	7.6	4.4	2.2	0.9	0.0	0.0	0.0	0.0	0.0
167.5°	8.4	7.6	4.9	3.1	1.8	0.9	0.0	0.0	0.0	0.0	0.0
170°	5.8	4.9	3.1	2.2	1.3	0.4	0.0	0.0	0.0	0.0	0.0
172.5°	3.6	3.1	2.2	1.8	0.9	0.4	0.0	0.0	0.0	0.0	0.0
175°	3.1	2.7	1.8	1.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	2.2	2.2	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
180°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

(END OF REPORT)