

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: AMETRIX

Report Number: P508434

Luminaire Tested: **ASYX-X-S2-X-U-HSS-L40-1-UNV-X-X-X-STD**

Issue Date: 4/5/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P508434  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2006-840-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 4/5/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: AMETRIX  
Catalog Number: ASYX-X-S2-X-U-HSS-L40-1-UNV-X-X-X-STD  
Description: AMETRIX ASYMMETRIC INDIRECT LED LUMINAIRE.  
(2) AF LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

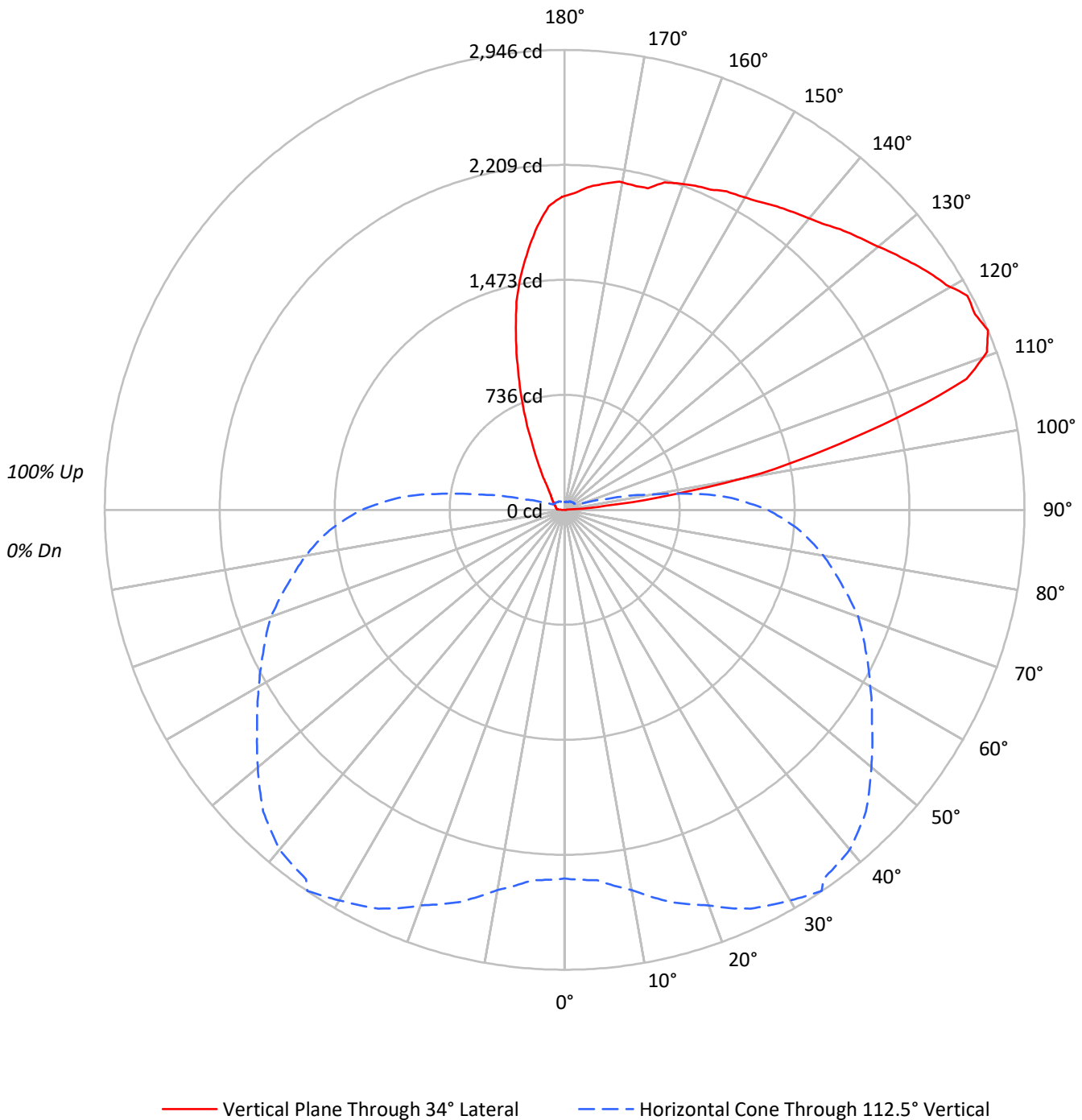
Lumens per Lamp: N/A  
Luminaire Lumens: 6904.4 lumens  
Efficiency: N/A  
Efficacy: 64.0 lumens/watt  
N/A  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
CIE Type: Indirect

Input Watts (W): 107.9  
Input Voltage (V): 120  
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: 24 FT



TEST NUMBER: P508434  
CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L40-1-UNV-X-X-X-STD

### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20								20				20				20
RC	80								50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7
3	72	63	57	51	61	54	49	44	37	34	31	21	20	18	7	6	6
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3
9	43	32	25	20	37	27	22	18	19	15	13	11	9	8	4	3	3
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
95°	939	11387	13289
100°	38568	23332	7141
105°	118195	37055	4475
110°	135617	63579	3141
115°	123645	74341	2741
120°	105831	71933	2648
125°	88941	69049	2740
130°	80265	64699	2957
135°	71092	60336	3157
140°	65732	55154	3561
145°	60156	51074	4037
150°	56997	47258	5633
155°	53552	44975	8575
160°	51120	43817	13551
165°	48963	43313	21313
170°	47268	43237	31317
175°	45398	43157	38511



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CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L40-1-UNV-X-X-X-STD

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	0.0	0.0
10°-20°	0.0	0.0
20°-30°	0.0	0.0
30°-40°	0.0	0.0
40°-50°	0.0	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	134.3	1.9
100°-110°	841.5	12.2
110°-120°	1300.7	18.8
120°-130°	1255.3	18.2
130°-140°	1090.2	15.8
140°-150°	898.6	13.0
150°-160°	708.1	10.3
160°-170°	491.2	7.1
170°-180°	184.6	2.7
0°-30°	0.0	0.0
0°-40°	0.0	0.0
0°-60°	0.0	0.0
0°-90°	0.0	0.0
90°-120°	2276.5	33.0
90°-150°	5520.5	80.0
90°-180°	6904.0	100.0
0°-180°	6904.4	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
90°	0	0	0	0	0	
95°	4	35	46	42	54	65
105°	1421	2281	446	58	54	1394
115°	2427	2769	1459	73	54	2361
125°	2370	2700	1840	96	73	2167
135°	2335	2477	1982	134	104	1816
145°	2289	2316	1943	273	154	1451
155°	2254	2224	1893	668	361	1039
165°	2197	2135	1943	1321	956	624
175°	2101	2062	1997	1867	1782	201
180°	2005	2005	2005	2005	2005	



TEST NUMBER: P508434

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L40-1-UNV-X-X-X-STD

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	34°	35°	40°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	3.8	3.8	11.5	7.7	7.7	11.5	15.4	19.2	7.7
95°	3.8	3.8	7.7	99.9	299.6	330.3	314.9	303.4	265.0	230.4	57.6
97.5°	80.7	96.0	153.6	410.9	833.4	960.2	1021.6	837.3	687.5	637.5	341.8
100°	311.1	361.0	499.3	944.8	1409.5	1440.2	1428.7	1390.3	1278.9	1206.0	925.6
102.5°	829.6	864.1	1056.2	1451.8	1705.2	1759.0	1759.0	1724.5	1712.9	1689.9	1601.6
105°	1421.0	1459.4	1613.1	1816.6	1970.3	2027.9	2058.6	2135.4	2212.2	2223.7	2308.2
107.5°	1816.6	1855.0	1974.1	2127.7	2327.4	2400.4	2488.7	2611.6	2707.7	2696.1	2676.9
110°	2154.6	2196.9	2308.2	2461.9	2607.8	2696.1	2780.6	2834.4	2888.2	2834.4	2807.5
112.5°	2362.0	2381.2	2473.4	2600.1	2696.1	2761.4	2819.0	2888.2	2945.8	2888.2	2842.1
115°	2427.3	2438.8	2519.5	2607.8	2711.5	2773.0	2815.2	2888.2	2911.2	2899.7	2861.3
117.5°	2423.5	2473.4	2542.5	2604.0	2703.8	2753.7	2796.0	2853.6	2922.7	2892.0	2853.6
120°	2458.0	2461.9	2534.8	2607.8	2680.8	2723.0	2723.0	2807.5	2838.2	2830.6	2822.9
122.5°	2446.5	2458.0	2519.5	2565.6	2642.4	2676.9	2711.5	2753.7	2788.3	2776.8	2776.8
125°	2369.7	2442.7	2477.2	2531.0	2604.0	2627.0	2661.6	2696.1	2726.9	2715.3	2711.5
127.5°	2415.8	2419.6	2450.3	2507.9	2554.0	2569.4	2607.8	2638.5	2669.3	2665.4	2673.1
130°	2396.6	2385.0	2458.0	2481.1	2515.6	2542.5	2561.7	2588.6	2611.6	2611.6	2619.3
132.5°	2381.2	2381.2	2404.2	2450.3	2481.1	2500.3	2531.0	2538.7	2565.6	2573.2	2557.9
135°	2335.1	2365.8	2400.4	2415.8	2450.3	2465.7	2481.1	2496.4	2519.5	2527.1	2500.3
137.5°	2289.0	2335.1	2381.2	2404.2	2431.1	2431.1	2431.1	2454.2	2465.7	2477.2	2450.3
140°	2339.0	2335.1	2377.4	2373.5	2388.9	2385.0	2411.9	2415.8	2431.1	2423.5	2408.1
142.5°	2327.4	2327.4	2339.0	2354.3	2350.5	2358.2	2377.4	2396.6	2396.6	2404.2	2377.4
145°	2289.0	2300.6	2319.8	2335.1	2335.1	2331.3	2354.3	2358.2	2365.8	2362.0	2346.6
147.5°	2304.4	2304.4	2304.4	2323.6	2323.6	2323.6	2327.4	2331.3	2331.3	2335.1	2323.6
150°	2292.9	2296.7	2304.4	2296.7	2315.9	2285.2	2304.4	2304.4	2304.4	2308.2	2300.6
152.5°	2216.1	2269.8	2289.0	2285.2	2269.8	2277.5	2281.3	2296.7	2289.0	2296.7	2273.7
155°	2254.5	2250.6	2254.5	2258.3	2246.8	2254.5	2258.3	2258.3	2254.5	2258.3	2239.1
157.5°	2242.9	2239.1	2258.3	2235.3	2246.8	2254.5	2239.1	2250.6	2239.1	2254.5	2246.8
160°	2231.4	2223.7	2239.1	2223.7	2239.1	2219.9	2208.4	2227.6	2216.1	2242.9	2204.5
162.5°	2216.1	2212.2	2227.6	2208.4	2193.0	2185.3	2196.9	2200.7	2193.0	2200.7	2181.5
165°	2196.9	2196.9	2196.9	2177.6	2189.2	2189.2	2173.8	2177.6	2127.7	2181.5	2158.4
167.5°	2181.5	2196.9	2177.6	2158.4	2181.5	2181.5	2154.6	2158.4	2123.9	2150.8	2139.2
170°	2162.3	2146.9	2150.8	2150.8	2170.0	2135.4	2116.2	2150.8	2131.6	2150.8	2131.6
172.5°	2116.2	2131.6	2131.6	2123.9	2112.4	2112.4	2108.5	2116.2	2104.7	2108.5	2097.0
175°	2100.8	2100.8	2108.5	2120.0	2097.0	2093.2	2070.1	2089.3	2077.8	2085.5	2074.0
177.5°	2043.2	2074.0	2070.1	2043.2	2058.6	2035.5	2047.1	2054.7	2031.7	2050.9	2031.7
180°	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8



TEST NUMBER: P508434

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L40-1-UNV-X-X-X-STD

**CANDELA DISTRIBUTION (continued):**

	45°	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	7.7	7.7	7.7	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
95°	34.6	46.1	111.4	92.2	69.1	65.3	73.0	65.3	57.6	49.9	46.1
97.5°	276.5	311.1	326.5	288.0	284.2	261.2	234.3	176.7	161.3	142.1	111.4
100°	756.6	672.1	629.9	560.7	453.2	410.9	376.4	311.1	253.5	222.8	188.2
102.5°	1447.9	1290.5	1086.9	871.8	710.5	649.1	579.9	483.9	407.1	338.0	280.4
105°	2281.3	1981.8	1586.2	1298.1	1083.1	948.6	887.2	733.6	606.8	530.0	445.5
107.5°	2557.9	2365.8	2120.0	1820.5	1567.0	1444.1	1309.7	1106.1	944.8	802.7	676.0
110°	2673.1	2507.9	2323.6	2146.9	1974.1	1862.7	1770.5	1563.1	1363.4	1186.8	1010.1
112.5°	2730.7	2565.6	2404.2	2262.1	2127.7	2066.3	2001.0	1835.8	1682.2	1513.2	1302.0
115°	2769.1	2638.5	2496.4	2346.6	2242.9	2177.6	2120.0	1970.3	1828.2	1674.5	1459.4
117.5°	2788.3	2657.7	2554.0	2431.1	2323.6	2269.8	2208.4	2074.0	1931.8	1789.7	1574.7
120°	2765.3	2676.9	2592.4	2488.7	2385.0	2331.3	2281.3	2146.9	2016.3	1881.9	1670.7
122.5°	2734.5	2684.6	2619.3	2515.6	2438.8	2392.7	2350.5	2216.1	2100.8	1947.2	1755.2
125°	2700.0	2650.0	2580.9	2515.6	2454.2	2419.6	2388.9	2269.8	2150.8	2020.2	1839.7
127.5°	2646.2	2600.1	2546.4	2492.6	2446.5	2411.9	2400.4	2296.7	2185.3	2070.1	1885.8
130°	2588.6	2550.2	2504.1	2450.3	2419.6	2381.2	2385.0	2292.9	2204.5	2097.0	1931.8
132.5°	2511.8	2484.9	2473.4	2415.8	2385.0	2365.8	2339.0	2277.5	2204.5	2120.0	1962.6
135°	2477.2	2450.3	2431.1	2381.2	2335.1	2327.4	2289.0	2254.5	2193.0	2131.6	1981.8
137.5°	2415.8	2400.4	2388.9	2335.1	2289.0	2289.0	2277.5	2231.4	2177.6	2093.2	1966.4
140°	2388.9	2369.7	2339.0	2296.7	2269.8	2246.8	2235.3	2196.9	2131.6	2066.3	1962.6
142.5°	2342.8	2327.4	2319.8	2281.3	2239.1	2216.1	2193.0	2150.8	2104.7	2058.6	1947.2
145°	2315.9	2312.1	2304.4	2266.0	2200.7	2189.2	2181.5	2135.4	2093.2	2020.2	1943.4
147.5°	2281.3	2285.2	2277.5	2231.4	2189.2	2162.3	2143.1	2100.8	2070.1	2008.7	1912.6
150°	2258.3	2262.1	2254.5	2196.9	2150.8	2139.2	2131.6	2089.3	2031.7	1981.8	1901.1
152.5°	2246.8	2235.3	2216.1	2193.0	2143.1	2116.2	2108.5	2062.4	2031.7	1970.3	1893.4
155°	2223.7	2208.4	2196.9	2158.4	2127.7	2100.8	2081.6	2054.7	2020.2	1958.7	1893.4
157.5°	2200.7	2185.3	2177.6	2170.0	2127.7	2089.3	2085.5	2054.7	2001.0	1954.9	1901.1
160°	2177.6	2139.2	2170.0	2123.9	2112.4	2081.6	2058.6	2039.4	2001.0	1958.7	1912.6
162.5°	2154.6	2143.1	2139.2	2112.4	2089.3	2070.1	2035.5	2047.1	2001.0	1962.6	1928.0
165°	2135.4	2123.9	2120.0	2112.4	2077.8	2062.4	2054.7	2031.7	2012.5	1974.1	1943.4
167.5°	2116.2	2097.0	2104.7	2097.0	2054.7	2066.3	2047.1	2031.7	2020.2	1989.5	1958.7
170°	2112.4	2074.0	2093.2	2089.3	2058.6	2054.7	2031.7	2027.9	2016.3	1993.3	1977.9
172.5°	2093.2	2066.3	2077.8	2066.3	2050.9	2039.4	2039.4	2043.2	2024.0	2008.7	1989.5
175°	2062.4	2047.1	2050.9	2062.4	2039.4	2031.7	2012.5	2027.9	2031.7	2004.8	1997.1
177.5°	2027.9	2043.2	2031.7	2047.1	2027.9	2024.0	2012.5	2024.0	2024.0	2001.0	2001.0
180°	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8



TEST NUMBER: P508434

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L40-1-UNV-X-X-X-STD

**CANDELA DISTRIBUTION (continued):**

	95°	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	11.5	15.4	15.4	19.2	23.0	23.0	26.9	26.9	30.7	34.6	38.4
95°	23.0	19.2	23.0	26.9	26.9	30.7	34.6	34.6	38.4	42.2	42.2
97.5°	46.1	30.7	30.7	30.7	34.6	34.6	38.4	42.2	46.1	46.1	46.1
100°	88.3	49.9	49.9	38.4	38.4	42.2	42.2	46.1	49.9	49.9	49.9
102.5°	153.6	92.2	73.0	49.9	46.1	46.1	49.9	49.9	53.8	53.8	53.8
105°	288.0	184.4	103.7	61.5	57.6	53.8	53.8	53.8	57.6	57.6	57.6
107.5°	507.0	295.7	145.9	80.7	69.1	61.5	61.5	61.5	61.5	61.5	61.5
110°	772.0	434.0	199.7	103.7	84.5	73.0	69.1	69.1	65.3	65.3	65.3
112.5°	1013.9	568.4	253.5	126.7	99.9	84.5	76.8	73.0	73.0	69.1	65.3
115°	1167.6	668.3	307.3	145.9	115.2	96.0	80.7	80.7	76.8	73.0	69.1
117.5°	1278.9	772.0	372.5	176.7	134.4	111.4	88.3	84.5	80.7	80.7	76.8
120°	1386.5	879.5	441.7	211.2	161.3	126.7	99.9	92.2	88.3	84.5	80.7
122.5°	1490.2	983.2	518.5	253.5	188.2	149.8	111.4	99.9	96.0	88.3	88.3
125°	1570.8	1090.7	606.8	307.3	226.6	176.7	126.7	107.5	99.9	96.0	92.2
127.5°	1659.2	1198.3	699.0	364.9	268.8	211.2	145.9	119.1	111.4	103.7	99.9
130°	1724.5	1302.0	798.9	441.7	330.3	253.5	172.8	134.4	119.1	111.4	107.5
132.5°	1774.4	1390.3	898.7	526.2	403.3	307.3	207.4	161.3	134.4	122.9	115.2
135°	1789.7	1467.1	1002.4	618.3	480.1	376.4	253.5	192.0	153.6	134.4	126.7
137.5°	1805.1	1528.6	1102.3	722.0	579.9	460.9	307.3	230.4	184.4	157.5	138.3
140°	1797.4	1574.7	1198.3	837.3	683.6	553.1	380.2	280.4	222.8	188.2	161.3
142.5°	1793.6	1613.1	1298.1	944.8	791.2	660.6	468.6	345.7	272.7	222.8	192.0
145°	1801.3	1640.0	1371.1	1060.0	917.9	783.5	576.1	422.5	334.1	272.7	238.1
147.5°	1774.4	1655.3	1459.4	1159.9	1029.3	898.7	691.3	526.2	418.6	341.8	291.9
150°	1797.4	1663.0	1497.9	1259.7	1136.8	1017.8	818.1	645.2	522.3	430.2	368.7
152.5°	1793.6	1670.7	1540.1	1348.1	1244.4	1133.0	933.3	764.3	633.7	537.7	464.7
155°	1812.8	1674.5	1582.3	1436.4	1344.2	1244.4	1063.9	902.6	764.3	668.3	583.8
157.5°	1828.2	1724.5	1632.3	1517.1	1436.4	1351.9	1198.3	1048.5	917.9	818.1	714.4
160°	1851.2	1751.3	1670.7	1582.3	1528.6	1440.2	1328.9	1209.8	1083.1	975.5	891.0
162.5°	1862.7	1793.6	1724.5	1636.1	1601.6	1540.1	1447.9	1359.6	1252.1	1152.2	1071.5
165°	1885.8	1816.6	1770.5	1697.6	1663.0	1609.2	1551.6	1471.0	1405.7	1321.2	1259.7
167.5°	1908.8	1862.7	1824.3	1766.7	1736.0	1697.6	1647.6	1593.9	1559.3	1494.0	1432.6
170°	1931.8	1893.4	1874.2	1847.4	1801.3	1770.5	1747.5	1709.1	1663.0	1632.3	1597.7
172.5°	1951.1	1935.7	1924.2	1916.5	1870.4	1847.4	1832.0	1789.7	1789.7	1747.5	1720.6
175°	1981.8	1931.8	1966.4	1947.2	1931.8	1912.6	1905.0	1893.4	1881.9	1866.6	1851.2
177.5°	1997.1	1989.5	1997.1	1989.5	1985.6	1966.4	1977.9	1966.4	1962.6	1958.7	1947.2
180°	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8





TEST NUMBER: P508434

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L40-1-UNV-X-X-X-STD

**CANDELA DISTRIBUTION (continued):**

	145°	150°	155°	157.5°	160°	165°	170°	175°	180°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	42.2	42.2	46.1	46.1	46.1	46.1	49.9	46.1	42.2
95°	46.1	49.9	49.9	49.9	53.8	53.8	53.8	53.8	53.8
97.5°	49.9	49.9	53.8	53.8	53.8	57.6	57.6	57.6	57.6
100°	53.8	53.8	53.8	57.6	57.6	57.6	57.6	57.6	57.6
102.5°	53.8	53.8	53.8	57.6	57.6	57.6	57.6	57.6	57.6
105°	57.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
107.5°	57.6	57.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8
110°	61.5	57.6	53.8	53.8	53.8	53.8	53.8	53.8	49.9
112.5°	65.3	61.5	57.6	53.8	53.8	53.8	53.8	49.9	49.9
115°	69.1	65.3	61.5	61.5	57.6	57.6	57.6	53.8	53.8
117.5°	73.0	69.1	65.3	65.3	61.5	61.5	57.6	57.6	57.6
120°	76.8	76.8	73.0	69.1	69.1	65.3	65.3	61.5	61.5
122.5°	84.5	76.8	76.8	76.8	76.8	73.0	69.1	69.1	69.1
125°	88.3	84.5	84.5	84.5	80.7	80.7	76.8	73.0	73.0
127.5°	96.0	92.2	92.2	88.3	88.3	84.5	84.5	80.7	80.7
130°	103.7	99.9	96.0	96.0	96.0	92.2	92.2	88.3	88.3
132.5°	111.4	107.5	107.5	103.7	103.7	99.9	99.9	96.0	96.0
135°	122.9	115.2	115.2	115.2	111.4	107.5	107.5	107.5	103.7
137.5°	130.6	126.7	122.9	119.1	119.1	119.1	115.2	115.2	115.2
140°	149.8	138.3	134.4	130.6	130.6	126.7	126.7	126.7	126.7
142.5°	172.8	161.3	149.8	145.9	142.1	138.3	138.3	134.4	134.4
145°	211.2	192.0	176.7	172.8	165.1	157.5	157.5	153.6	153.6
147.5°	257.3	234.3	215.1	207.4	203.6	195.9	188.2	184.4	180.5
150°	322.6	288.0	268.8	261.2	253.5	238.1	230.4	226.6	226.6
152.5°	407.1	368.7	338.0	322.6	314.9	299.6	288.0	284.2	288.0
155°	510.8	464.7	434.0	414.8	399.4	380.2	372.5	368.7	361.0
157.5°	656.8	595.3	549.2	533.9	514.6	495.4	483.9	472.4	464.7
160°	814.2	745.1	702.8	683.6	660.6	629.9	614.5	599.1	591.5
162.5°	987.0	929.4	879.5	848.8	837.3	798.9	783.5	764.3	768.1
165°	1179.1	1117.6	1079.2	1056.2	1025.5	1006.3	994.7	967.8	956.3
167.5°	1382.6	1313.5	1294.3	1263.6	1236.7	1209.8	1209.8	1198.3	1186.8
170°	1536.3	1520.9	1497.9	1463.3	1459.4	1440.2	1440.2	1428.7	1432.6
172.5°	1682.2	1659.2	1659.2	1647.6	1636.1	1628.4	1609.2	1616.9	1616.9
175°	1828.2	1816.6	1808.9	1778.2	1785.9	1785.9	1774.4	1774.4	1782.1
177.5°	1947.2	1947.2	1939.5	1935.7	1931.8	1935.7	1939.5	1943.4	1935.7
180°	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8	2004.8

(END OF REPORT)