

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: P508433

Luminaire Tested: **ASYX-X-S2-X-U-HSS-L35-1-UNV-X-X-X-STD**

Issue Date: 4/5/2021

Test Information

Test Method: LM-79-08
Report Number: P508433
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-L35-1-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: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

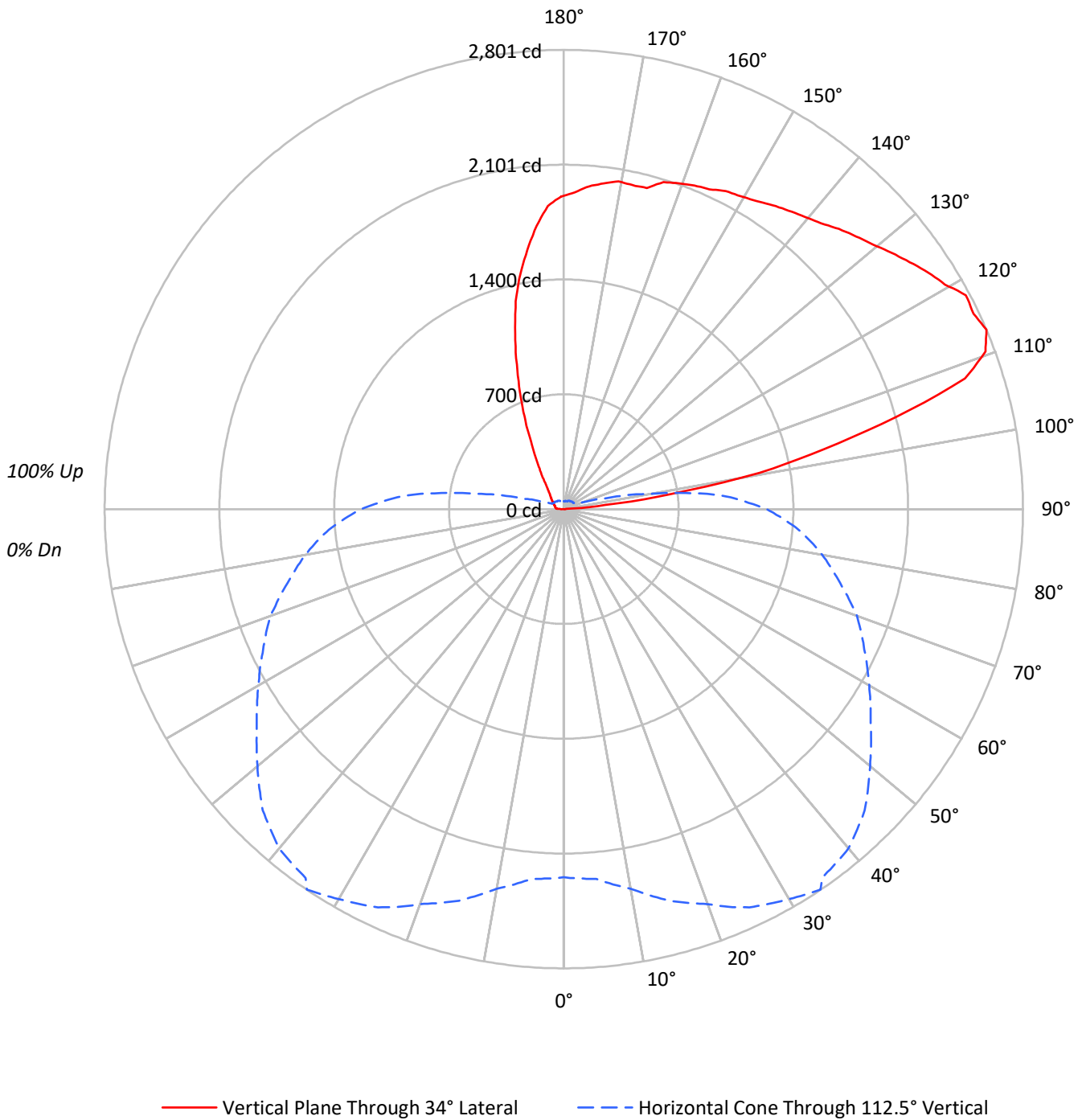
Lumens per Lamp: N/A
Luminaire Lumens: 6564.8 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
N/A
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
CIE Type: Indirect

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: P508433
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Luminous Intensity Polar Plot





TEST NUMBER: P508433

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L35-1-UNV-X-X-X-STD

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
95°	914	10819	12622
100°	36671	22179	6794
105°	112389	35234	4250
110°	128945	60451	2990
115°	117563	70688	2603
120°	100625	68394	2514
125°	84565	65652	2605
130°	76317	61517	2813
135°	67597	57367	3002
140°	62497	52442	3386
145°	57200	48561	3840
150°	54193	44934	5357
155°	50918	42763	8155
160°	48607	41663	12884
165°	46554	41182	20266
170°	44942	41112	29775
175°	43166	41035	36616



TEST NUMBER: P508433

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L35-1-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°	127.7	1.9
100°-110°	800.1	12.2
110°-120°	1236.7	18.8
120°-130°	1193.5	18.2
130°-140°	1036.6	15.8
140°-150°	854.4	13.0
150°-160°	673.2	10.3
160°-170°	467.1	7.1
170°-180°	175.5	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°	2164.5	33.0
90°-150°	5249.0	80.0
90°-180°	6565.0	100.0
0°-180°	6564.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
90°	0	0	0	0	0	
95°	4	33	44	40	51	62
105°	1351	2169	424	55	51	1326
115°	2308	2633	1388	69	51	2245
125°	2253	2567	1749	91	69	2060
135°	2220	2355	1884	128	99	1727
145°	2176	2202	1848	259	146	1380
155°	2144	2114	1800	635	343	988
165°	2089	2030	1848	1256	909	593
175°	1998	1961	1899	1775	1694	191
180°	1906	1906	1906	1906	1906	



TEST NUMBER: P508433

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L35-1-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	3.7	3.7	11.0	7.3	7.3	11.0	14.6	18.3	7.3
95°	3.7	3.7	7.3	94.9	284.8	314.1	299.4	288.5	252.0	219.1	54.8
97.5°	76.7	91.3	146.1	390.7	792.4	912.9	971.4	796.1	653.7	606.2	325.0
100°	295.8	343.3	474.7	898.3	1340.2	1369.4	1358.5	1321.9	1216.0	1146.7	880.1
102.5°	788.8	821.6	1004.2	1380.4	1621.4	1672.5	1672.5	1639.6	1628.7	1606.8	1522.8
105°	1351.2	1387.7	1533.7	1727.3	1873.4	1928.1	1957.3	2030.4	2103.4	2114.4	2194.7
107.5°	1727.3	1763.8	1877.0	2023.1	2213.0	2282.4	2366.3	2483.2	2574.5	2563.5	2545.3
110°	2048.6	2088.8	2194.7	2340.8	2479.6	2563.5	2643.9	2695.0	2746.1	2695.0	2669.4
112.5°	2245.8	2264.1	2351.7	2472.2	2563.5	2625.6	2680.4	2746.1	2800.9	2746.1	2702.3
115°	2307.9	2318.9	2395.6	2479.6	2578.1	2636.6	2676.7	2746.1	2768.0	2757.1	2720.6
117.5°	2304.3	2351.7	2417.5	2475.9	2570.8	2618.3	2658.5	2713.3	2779.0	2749.8	2713.3
120°	2337.1	2340.8	2410.2	2479.6	2548.9	2589.1	2589.1	2669.4	2698.7	2691.4	2684.0
122.5°	2326.2	2337.1	2395.6	2439.4	2512.4	2545.3	2578.1	2618.3	2651.2	2640.2	2640.2
125°	2253.1	2322.5	2355.4	2406.5	2475.9	2497.8	2530.7	2563.5	2592.8	2581.8	2578.1
127.5°	2297.0	2300.6	2329.8	2384.6	2428.4	2443.0	2479.6	2508.8	2538.0	2534.3	2541.6
130°	2278.7	2267.7	2337.1	2359.0	2391.9	2417.5	2435.7	2461.3	2483.2	2483.2	2490.5
132.5°	2264.1	2264.1	2286.0	2329.8	2359.0	2377.3	2406.5	2413.8	2439.4	2446.7	2432.1
135°	2220.3	2249.5	2282.4	2297.0	2329.8	2344.4	2359.0	2373.6	2395.6	2402.9	2377.3
137.5°	2176.5	2220.3	2264.1	2286.0	2311.6	2311.6	2311.6	2333.5	2344.4	2355.4	2329.8
140°	2223.9	2220.3	2260.4	2256.8	2271.4	2267.7	2293.3	2297.0	2311.6	2304.3	2289.7
142.5°	2213.0	2213.0	2223.9	2238.5	2234.9	2242.2	2260.4	2278.7	2278.7	2286.0	2260.4
145°	2176.5	2187.4	2205.7	2220.3	2220.3	2216.6	2238.5	2242.2	2249.5	2245.8	2231.2
147.5°	2191.1	2191.1	2191.1	2209.3	2209.3	2209.3	2213.0	2216.6	2216.6	2220.3	2209.3
150°	2180.1	2183.8	2191.1	2183.8	2202.0	2172.8	2191.1	2191.1	2191.1	2194.7	2187.4
152.5°	2107.1	2158.2	2176.5	2172.8	2158.2	2165.5	2169.1	2183.8	2176.5	2183.8	2161.8
155°	2143.6	2139.9	2143.6	2147.2	2136.3	2143.6	2147.2	2147.2	2143.6	2147.2	2129.0
157.5°	2132.6	2129.0	2147.2	2125.3	2136.3	2143.6	2129.0	2139.9	2129.0	2143.6	2136.3
160°	2121.7	2114.4	2129.0	2114.4	2129.0	2110.7	2099.8	2118.0	2107.1	2132.6	2096.1
162.5°	2107.1	2103.4	2118.0	2099.8	2085.2	2077.9	2088.8	2092.5	2085.2	2092.5	2074.2
165°	2088.8	2088.8	2088.8	2070.6	2081.5	2081.5	2066.9	2070.6	2023.1	2074.2	2052.3
167.5°	2074.2	2088.8	2070.6	2052.3	2074.2	2074.2	2048.6	2052.3	2019.4	2045.0	2034.0
170°	2055.9	2041.3	2045.0	2045.0	2063.2	2030.4	2012.1	2045.0	2026.7	2045.0	2026.7
172.5°	2012.1	2026.7	2026.7	2019.4	2008.5	2008.5	2004.8	2012.1	2001.2	2004.8	1993.9
175°	1997.5	1997.5	2004.8	2015.8	1993.9	1990.2	1968.3	1986.6	1975.6	1982.9	1972.0
177.5°	1942.7	1972.0	1968.3	1942.7	1957.3	1935.4	1946.4	1953.7	1931.8	1950.0	1931.8
180°	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2



TEST NUMBER: P508433

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L35-1-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°	7.3	7.3	7.3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
95°	32.9	43.8	105.9	87.6	65.7	62.1	69.4	62.1	54.8	47.5	43.8
97.5°	262.9	295.8	310.4	273.9	270.2	248.3	222.8	168.0	153.4	135.1	105.9
100°	719.4	639.1	598.9	533.2	430.9	390.7	357.9	295.8	241.0	211.8	178.9
102.5°	1376.7	1227.0	1033.5	829.0	675.6	617.1	551.4	460.1	387.1	321.4	266.6
105°	2169.1	1884.3	1508.2	1234.3	1029.8	902.0	843.6	697.5	577.0	503.9	423.6
107.5°	2432.1	2249.5	2015.8	1730.9	1489.9	1373.1	1245.3	1051.7	898.3	763.2	642.7
110°	2541.6	2384.6	2209.3	2041.3	1877.0	1771.1	1683.5	1486.3	1296.4	1128.4	960.4
112.5°	2596.4	2439.4	2286.0	2150.9	2023.1	1964.7	1902.6	1745.5	1599.5	1438.8	1237.9
115°	2632.9	2508.8	2373.6	2231.2	2132.6	2070.6	2015.8	1873.4	1738.2	1592.2	1387.7
117.5°	2651.2	2527.0	2428.4	2311.6	2209.3	2158.2	2099.8	1972.0	1836.8	1701.7	1497.2
120°	2629.3	2545.3	2464.9	2366.3	2267.7	2216.6	2169.1	2041.3	1917.2	1789.4	1588.5
122.5°	2600.1	2552.6	2490.5	2391.9	2318.9	2275.1	2234.9	2107.1	1997.5	1851.4	1668.9
125°	2567.2	2519.7	2454.0	2391.9	2333.5	2300.6	2271.4	2158.2	2045.0	1920.8	1749.2
127.5°	2516.1	2472.2	2421.1	2370.0	2326.2	2293.3	2282.4	2183.8	2077.9	1968.3	1793.0
130°	2461.3	2424.8	2381.0	2329.8	2300.6	2264.1	2267.7	2180.1	2096.1	1993.9	1836.8
132.5°	2388.3	2362.7	2351.7	2297.0	2267.7	2249.5	2223.9	2165.5	2096.1	2015.8	1866.1
135°	2355.4	2329.8	2311.6	2264.1	2220.3	2213.0	2176.5	2143.6	2085.2	2026.7	1884.3
137.5°	2297.0	2282.4	2271.4	2220.3	2176.5	2176.5	2165.5	2121.7	2070.6	1990.2	1869.7
140°	2271.4	2253.1	2223.9	2183.8	2158.2	2136.3	2125.3	2088.8	2026.7	1964.7	1866.1
142.5°	2227.6	2213.0	2205.7	2169.1	2129.0	2107.1	2085.2	2045.0	2001.2	1957.3	1851.4
145°	2202.0	2198.4	2191.1	2154.5	2092.5	2081.5	2074.2	2030.4	1990.2	1920.8	1847.8
147.5°	2169.1	2172.8	2165.5	2121.7	2081.5	2055.9	2037.7	1997.5	1968.3	1909.9	1818.6
150°	2147.2	2150.9	2143.6	2088.8	2045.0	2034.0	2026.7	1986.6	1931.8	1884.3	1807.6
152.5°	2136.3	2125.3	2107.1	2085.2	2037.7	2012.1	2004.8	1961.0	1931.8	1873.4	1800.3
155°	2114.4	2099.8	2088.8	2052.3	2023.1	1997.5	1979.3	1953.7	1920.8	1862.4	1800.3
157.5°	2092.5	2077.9	2070.6	2063.2	2023.1	1986.6	1982.9	1953.7	1902.6	1858.7	1807.6
160°	2070.6	2034.0	2063.2	2019.4	2008.5	1979.3	1957.3	1939.1	1902.6	1862.4	1818.6
162.5°	2048.6	2037.7	2034.0	2008.5	1986.6	1968.3	1935.4	1946.4	1902.6	1866.1	1833.2
165°	2030.4	2019.4	2015.8	2008.5	1975.6	1961.0	1953.7	1931.8	1913.5	1877.0	1847.8
167.5°	2012.1	1993.9	2001.2	1993.9	1953.7	1964.7	1946.4	1931.8	1920.8	1891.6	1862.4
170°	2008.5	1972.0	1990.2	1986.6	1957.3	1953.7	1931.8	1928.1	1917.2	1895.3	1880.7
172.5°	1990.2	1964.7	1975.6	1964.7	1950.0	1939.1	1939.1	1942.7	1924.5	1909.9	1891.6
175°	1961.0	1946.4	1950.0	1961.0	1939.1	1931.8	1913.5	1928.1	1931.8	1906.2	1898.9
177.5°	1928.1	1942.7	1931.8	1946.4	1928.1	1924.5	1913.5	1924.5	1924.5	1902.6	1902.6
180°	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2



TEST NUMBER: P508433

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L35-1-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°	11.0	14.6	14.6	18.3	21.9	21.9	25.6	25.6	29.2	32.9	36.5
95°	21.9	18.3	21.9	25.6	25.6	29.2	32.9	32.9	36.5	40.2	40.2
97.5°	43.8	29.2	29.2	29.2	32.9	32.9	36.5	40.2	43.8	43.8	43.8
100°	84.0	47.5	47.5	36.5	36.5	40.2	40.2	43.8	47.5	47.5	47.5
102.5°	146.1	87.6	69.4	47.5	43.8	43.8	47.5	47.5	51.1	51.1	51.1
105°	273.9	175.3	98.6	58.4	54.8	51.1	51.1	51.1	54.8	54.8	54.8
107.5°	482.0	281.2	138.8	76.7	65.7	58.4	58.4	58.4	58.4	58.4	58.4
110°	734.0	412.6	189.9	98.6	80.3	69.4	65.7	65.7	62.1	62.1	62.1
112.5°	964.1	540.5	241.0	120.5	94.9	80.3	73.0	69.4	69.4	65.7	62.1
115°	1110.1	635.4	292.1	138.8	109.6	91.3	76.7	76.7	73.0	69.4	65.7
117.5°	1216.0	734.0	354.2	168.0	127.8	105.9	84.0	80.3	76.7	76.7	73.0
120°	1318.3	836.3	420.0	200.8	153.4	120.5	94.9	87.6	84.0	80.3	76.7
122.5°	1416.9	934.9	493.0	241.0	178.9	142.4	105.9	94.9	91.3	84.0	84.0
125°	1493.6	1037.1	577.0	292.1	215.5	168.0	120.5	102.2	94.9	91.3	87.6
127.5°	1577.6	1139.4	664.6	346.9	255.6	200.8	138.8	113.2	105.9	98.6	94.9
130°	1639.6	1237.9	759.6	420.0	314.1	241.0	164.3	127.8	113.2	105.9	102.2
132.5°	1687.1	1321.9	854.5	500.3	383.4	292.1	197.2	153.4	127.8	116.9	109.6
135°	1701.7	1395.0	953.1	587.9	456.5	357.9	241.0	182.6	146.1	127.8	120.5
137.5°	1716.3	1453.4	1048.1	686.5	551.4	438.2	292.1	219.1	175.3	149.7	131.5
140°	1709.0	1497.2	1139.4	796.1	650.0	525.9	361.5	266.6	211.8	178.9	153.4
142.5°	1705.4	1533.7	1234.3	898.3	752.3	628.1	445.5	328.7	259.3	211.8	182.6
145°	1712.7	1559.3	1303.7	1007.9	872.8	745.0	547.8	401.7	317.7	259.3	226.4
147.5°	1687.1	1573.9	1387.7	1102.8	978.7	854.5	657.3	500.3	398.0	325.0	277.5
150°	1709.0	1581.2	1424.2	1197.8	1080.9	967.7	777.8	613.5	496.6	409.0	350.6
152.5°	1705.4	1588.5	1464.4	1281.8	1183.2	1077.3	887.4	726.7	602.5	511.2	441.9
155°	1723.6	1592.2	1504.5	1365.8	1278.1	1183.2	1011.5	858.2	726.7	635.4	555.1
157.5°	1738.2	1639.6	1552.0	1442.4	1365.8	1285.4	1139.4	996.9	872.8	777.8	679.2
160°	1760.2	1665.2	1588.5	1504.5	1453.4	1369.4	1263.5	1150.3	1029.8	927.5	847.2
162.5°	1771.1	1705.4	1639.6	1555.7	1522.8	1464.4	1376.7	1292.7	1190.5	1095.5	1018.8
165°	1793.0	1727.3	1683.5	1614.1	1581.2	1530.1	1475.3	1398.6	1336.5	1256.2	1197.8
167.5°	1814.9	1771.1	1734.6	1679.8	1650.6	1614.1	1566.6	1515.5	1482.6	1420.5	1362.1
170°	1836.8	1800.3	1782.1	1756.5	1712.7	1683.5	1661.6	1625.0	1581.2	1552.0	1519.1
172.5°	1855.1	1840.5	1829.5	1822.2	1778.4	1756.5	1741.9	1701.7	1701.7	1661.6	1636.0
175°	1884.3	1836.8	1869.7	1851.4	1836.8	1818.6	1811.3	1800.3	1789.4	1774.8	1760.2
177.5°	1898.9	1891.6	1898.9	1891.6	1888.0	1869.7	1880.7	1869.7	1866.1	1862.4	1851.4
180°	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2



TEST NUMBER: P508433

CATALOG NUMBER: ASYX-X-S2-X-U-HSS-L35-1-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°	40.2	40.2	43.8	43.8	43.8	43.8	47.5	43.8	40.2
95°	43.8	47.5	47.5	47.5	51.1	51.1	51.1	51.1	51.1
97.5°	47.5	47.5	51.1	51.1	51.1	54.8	54.8	54.8	54.8
100°	51.1	51.1	51.1	54.8	54.8	54.8	54.8	54.8	54.8
102.5°	51.1	51.1	51.1	54.8	54.8	54.8	54.8	54.8	54.8
105°	54.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
107.5°	54.8	54.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1
110°	58.4	54.8	51.1	51.1	51.1	51.1	51.1	51.1	47.5
112.5°	62.1	58.4	54.8	51.1	51.1	51.1	51.1	47.5	47.5
115°	65.7	62.1	58.4	58.4	54.8	54.8	54.8	51.1	51.1
117.5°	69.4	65.7	62.1	62.1	58.4	58.4	54.8	54.8	54.8
120°	73.0	73.0	69.4	65.7	65.7	62.1	62.1	58.4	58.4
122.5°	80.3	73.0	73.0	73.0	73.0	69.4	65.7	65.7	65.7
125°	84.0	80.3	80.3	80.3	76.7	76.7	73.0	69.4	69.4
127.5°	91.3	87.6	87.6	84.0	84.0	80.3	80.3	76.7	76.7
130°	98.6	94.9	91.3	91.3	91.3	87.6	87.6	84.0	84.0
132.5°	105.9	102.2	102.2	98.6	98.6	94.9	94.9	91.3	91.3
135°	116.9	109.6	109.6	109.6	105.9	102.2	102.2	102.2	98.6
137.5°	124.2	120.5	116.9	113.2	113.2	113.2	109.6	109.6	109.6
140°	142.4	131.5	127.8	124.2	124.2	120.5	120.5	120.5	120.5
142.5°	164.3	153.4	142.4	138.8	135.1	131.5	131.5	127.8	127.8
145°	200.8	182.6	168.0	164.3	157.0	149.7	149.7	146.1	146.1
147.5°	244.7	222.8	204.5	197.2	193.5	186.2	178.9	175.3	171.6
150°	306.7	273.9	255.6	248.3	241.0	226.4	219.1	215.5	215.5
152.5°	387.1	350.6	321.4	306.7	299.4	284.8	273.9	270.2	273.9
155°	485.7	441.9	412.6	394.4	379.8	361.5	354.2	350.6	343.3
157.5°	624.5	566.0	522.2	507.6	489.3	471.1	460.1	449.2	441.9
160°	774.2	708.4	668.3	650.0	628.1	598.9	584.3	569.7	562.4
162.5°	938.5	883.7	836.3	807.0	796.1	759.6	745.0	726.7	730.4
165°	1121.1	1062.7	1026.1	1004.2	975.0	956.8	945.8	920.2	909.3
167.5°	1314.6	1248.9	1230.6	1201.4	1175.9	1150.3	1150.3	1139.4	1128.4
170°	1460.7	1446.1	1424.2	1391.3	1387.7	1369.4	1369.4	1358.5	1362.1
172.5°	1599.5	1577.6	1577.6	1566.6	1555.7	1548.3	1530.1	1537.4	1537.4
175°	1738.2	1727.3	1720.0	1690.8	1698.1	1698.1	1687.1	1687.1	1694.4
177.5°	1851.4	1851.4	1844.1	1840.5	1836.8	1840.5	1844.1	1847.8	1840.5
180°	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2	1906.2

(END OF REPORT)