

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: P508353

Luminaire Tested: **ASYX-X-L3-X-U-HSS-L35-1-UNV-X-X-X-STD**

Issue Date: 4/5/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P508353  
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-L3-X-U-HSS-L35-1-UNV-X-X-X-STD  
Description: AMETRIX ASYMMETRIC INDIRECT LED LUMINAIRE.  
(3) 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**

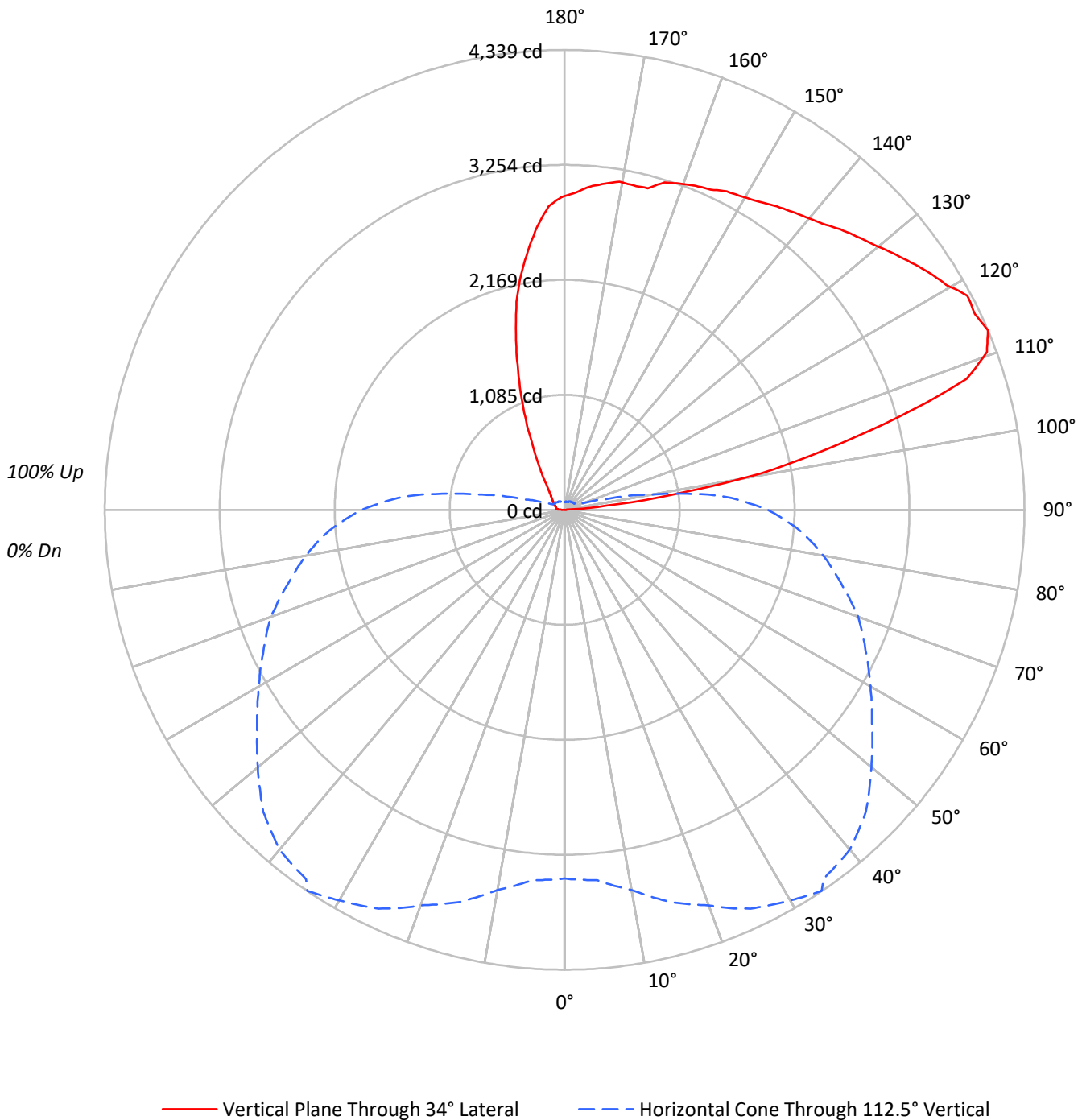
Lumens per Lamp: N/A  
Luminaire Lumens: 10168.8 lumens  
Efficiency: N/A  
Efficacy: 61.6 lumens/watt  
N/A  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
CIE Type: Indirect

Input Watts (W): 165.2  
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: P508353  
CATALOG NUMBER: ASYX-X-L3-X-U-HSS-L35-1-UNV-X-X-X-STD

### Luminous Intensity Polar Plot





TEST NUMBER: P508353

CATALOG NUMBER: ASYX-X-L3-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°	704	8386	9781
100°	28402	17183	5256
105°	87041	27290	3294
110°	99869	46820	2313
115°	91051	54747	2017
120°	77935	52971	1948
125°	65496	50847	2017
130°	59107	47645	2179
135°	52353	44431	2324
140°	48404	40615	2623
145°	44300	37610	2974
150°	41972	34801	4148
155°	39435	33120	6315
160°	37645	32267	9978
165°	36055	31895	15696
170°	34808	31840	23061
175°	33432	31782	28359



TEST NUMBER: P508353

CATALOG NUMBER: ASYX-X-L3-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°	197.8	1.9
100°-110°	1239.3	12.2
110°-120°	1915.6	18.8
120°-130°	1848.8	18.2
130°-140°	1605.7	15.8
140°-150°	1323.4	13.0
150°-160°	1042.8	10.3
160°-170°	723.5	7.1
170°-180°	271.9	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°	3352.8	33.0
90°-150°	8130.6	80.0
90°-180°	10169.0	100.0
0°-180°	10168.8	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
90°	0	0	0	0	0	
95°	6	51	68	62	79	96
105°	2093	3360	656	85	79	2054
115°	3575	4078	2150	108	79	3477
125°	3490	3976	2710	141	108	3192
135°	3439	3648	2919	198	153	2674
145°	3371	3411	2862	402	226	2137
155°	3320	3275	2789	984	532	1530
165°	3236	3145	2862	1946	1408	919
175°	3094	3038	2941	2749	2625	297
180°	2953	2953	2953	2953	2953	



TEST NUMBER: P508353

CATALOG NUMBER: ASYX-X-L3-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	5.7	5.7	17.0	11.3	11.3	17.0	22.6	28.3	11.3
95°	5.7	5.7	11.3	147.1	441.2	486.5	463.8	446.9	390.3	339.4	84.8
97.5°	118.8	141.4	226.3	605.2	1227.5	1414.1	1504.6	1233.1	1012.5	939.0	503.4
100°	458.2	531.7	735.3	1391.5	2075.9	2121.2	2104.2	2047.7	1883.6	1776.1	1363.2
102.5°	1221.8	1272.7	1555.5	2138.2	2511.5	2590.7	2590.7	2539.8	2522.8	2488.9	2358.8
105°	2092.9	2149.5	2375.7	2675.5	2901.8	2986.6	3031.9	3145.0	3258.2	3275.1	3399.6
107.5°	2675.5	2732.1	2907.5	3133.7	3427.9	3535.3	3665.4	3846.4	3987.8	3970.9	3942.6
110°	3173.3	3235.5	3399.6	3625.8	3840.8	3970.9	4095.3	4174.5	4253.7	4174.5	4134.9
112.5°	3478.8	3507.0	3642.8	3829.5	3970.9	4067.0	4151.9	4253.7	4338.6	4253.7	4185.8
115°	3574.9	3591.9	3710.7	3840.8	3993.5	4084.0	4146.2	4253.7	4287.6	4270.7	4214.1
117.5°	3569.3	3642.8	3744.6	3835.1	3982.2	4055.7	4117.9	4202.8	4304.6	4259.4	4202.8
120°	3620.2	3625.8	3733.3	3840.8	3948.3	4010.5	4010.5	4134.9	4180.2	4168.9	4157.5
122.5°	3603.2	3620.2	3710.7	3778.6	3891.7	3942.6	3993.5	4055.7	4106.6	4089.7	4089.7
125°	3490.1	3597.5	3648.5	3727.6	3835.1	3869.1	3920.0	3970.9	4016.1	3999.2	3993.5
127.5°	3558.0	3563.6	3608.9	3693.7	3761.6	3784.2	3840.8	3886.0	3931.3	3925.6	3936.9
130°	3529.7	3512.7	3620.2	3654.1	3705.0	3744.6	3772.9	3812.5	3846.4	3846.4	3857.7
132.5°	3507.0	3507.0	3541.0	3608.9	3654.1	3682.4	3727.6	3739.0	3778.6	3789.9	3767.2
135°	3439.2	3484.4	3535.3	3558.0	3608.9	3631.5	3654.1	3676.7	3710.7	3722.0	3682.4
137.5°	3371.3	3439.2	3507.0	3541.0	3580.6	3580.6	3580.6	3614.5	3631.5	3648.5	3608.9
140°	3444.8	3439.2	3501.4	3495.7	3518.4	3512.7	3552.3	3558.0	3580.6	3569.3	3546.6
142.5°	3427.9	3427.9	3444.8	3467.4	3461.8	3473.1	3501.4	3529.7	3529.7	3541.0	3501.4
145°	3371.3	3388.3	3416.5	3439.2	3439.2	3433.5	3467.4	3473.1	3484.4	3478.8	3456.1
147.5°	3393.9	3393.9	3393.9	3422.2	3422.2	3422.2	3427.9	3433.5	3433.5	3439.2	3422.2
150°	3376.9	3382.6	3393.9	3382.6	3410.9	3365.6	3393.9	3393.9	3393.9	3399.6	3388.3
152.5°	3263.8	3343.0	3371.3	3365.6	3343.0	3354.3	3360.0	3382.6	3371.3	3382.6	3348.7
155°	3320.4	3314.7	3320.4	3326.0	3309.1	3320.4	3326.0	3326.0	3320.4	3326.0	3297.8
157.5°	3303.4	3297.8	3326.0	3292.1	3309.1	3320.4	3297.8	3314.7	3297.8	3320.4	3309.1
160°	3286.4	3275.1	3297.8	3275.1	3297.8	3269.5	3252.5	3280.8	3263.8	3303.4	3246.8
162.5°	3263.8	3258.2	3280.8	3252.5	3229.9	3218.6	3235.5	3241.2	3229.9	3241.2	3212.9
165°	3235.5	3235.5	3235.5	3207.2	3224.2	3224.2	3201.6	3207.2	3133.7	3212.9	3179.0
167.5°	3212.9	3235.5	3207.2	3179.0	3212.9	3212.9	3173.3	3179.0	3128.1	3167.7	3150.7
170°	3184.6	3162.0	3167.7	3167.7	3195.9	3145.0	3116.7	3167.7	3139.4	3167.7	3139.4
172.5°	3116.7	3139.4	3139.4	3128.1	3111.1	3111.1	3105.4	3116.7	3099.8	3105.4	3088.5
175°	3094.1	3094.1	3105.4	3122.4	3088.5	3082.8	3048.9	3077.1	3060.2	3071.5	3054.5
177.5°	3009.3	3054.5	3048.9	3009.3	3031.9	2998.0	3014.9	3026.2	2992.3	3020.6	2992.3
180°	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7



TEST NUMBER: P508353

CATALOG NUMBER: ASYX-X-L3-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°	11.3	11.3	11.3	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
95°	50.9	67.9	164.0	135.8	101.8	96.2	107.5	96.2	84.8	73.5	67.9
97.5°	407.3	458.2	480.8	424.2	418.6	384.6	345.0	260.2	237.6	209.3	164.0
100°	1114.3	989.9	927.7	825.9	667.5	605.2	554.3	458.2	373.3	328.1	277.2
102.5°	2132.5	1900.6	1600.8	1284.0	1046.5	956.0	854.1	712.7	599.6	497.8	412.9
105°	3360.0	2918.8	2336.1	1911.9	1595.1	1397.2	1306.7	1080.4	893.7	780.6	656.2
107.5°	3767.2	3484.4	3122.4	2681.2	2307.9	2126.9	1928.9	1629.1	1391.5	1182.2	995.5
110°	3936.9	3693.7	3422.2	3162.0	2907.5	2743.4	2607.7	2302.2	2008.1	1747.9	1487.7
112.5°	4021.8	3778.6	3541.0	3331.7	3133.7	3043.2	2947.0	2703.8	2477.6	2228.7	1917.6
115°	4078.4	3886.0	3676.7	3456.1	3303.4	3207.2	3122.4	2901.8	2692.5	2466.2	2149.5
117.5°	4106.6	3914.3	3761.6	3580.6	3422.2	3343.0	3252.5	3054.5	2845.2	2635.9	2319.2
120°	4072.7	3942.6	3818.2	3665.4	3512.7	3433.5	3360.0	3162.0	2969.7	2771.7	2460.6
122.5°	4027.4	3953.9	3857.7	3705.0	3591.9	3524.0	3461.8	3263.8	3094.1	2867.9	2585.0
125°	3976.5	3903.0	3801.2	3705.0	3614.5	3563.6	3518.4	3343.0	3167.7	2975.3	2709.5
127.5°	3897.3	3829.5	3750.3	3671.1	3603.2	3552.3	3535.3	3382.6	3218.6	3048.9	2777.4
130°	3812.5	3755.9	3688.1	3608.9	3563.6	3507.0	3512.7	3376.9	3246.8	3088.5	2845.2
132.5°	3699.4	3659.8	3642.8	3558.0	3512.7	3484.4	3444.8	3354.3	3246.8	3122.4	2890.5
135°	3648.5	3608.9	3580.6	3507.0	3439.2	3427.9	3371.3	3320.4	3229.9	3139.4	2918.8
137.5°	3558.0	3535.3	3518.4	3439.2	3371.3	3371.3	3354.3	3286.4	3207.2	3082.8	2896.1
140°	3518.4	3490.1	3444.8	3382.6	3343.0	3309.1	3292.1	3235.5	3139.4	3043.2	2890.5
142.5°	3450.5	3427.9	3416.5	3360.0	3297.8	3263.8	3229.9	3167.7	3099.8	3031.9	2867.9
145°	3410.9	3405.2	3393.9	3337.3	3241.2	3224.2	3212.9	3145.0	3082.8	2975.3	2862.2
147.5°	3360.0	3365.6	3354.3	3286.4	3224.2	3184.6	3156.3	3094.1	3048.9	2958.4	2816.9
150°	3326.0	3331.7	3320.4	3235.5	3167.7	3150.7	3139.4	3077.1	2992.3	2918.8	2800.0
152.5°	3309.1	3292.1	3263.8	3229.9	3156.3	3116.7	3105.4	3037.6	2992.3	2901.8	2788.7
155°	3275.1	3252.5	3235.5	3179.0	3133.7	3094.1	3065.8	3026.2	2975.3	2884.8	2788.7
157.5°	3241.2	3218.6	3207.2	3195.9	3133.7	3077.1	3071.5	3026.2	2947.0	2879.2	2800.0
160°	3207.2	3150.7	3195.9	3128.1	3111.1	3065.8	3031.9	3003.6	2947.0	2884.8	2816.9
162.5°	3173.3	3156.3	3150.7	3111.1	3077.1	3048.9	2998.0	3014.9	2947.0	2890.5	2839.6
165°	3145.0	3128.1	3122.4	3111.1	3060.2	3037.6	3026.2	2992.3	2964.0	2907.5	2862.2
167.5°	3116.7	3088.5	3099.8	3088.5	3026.2	3043.2	3014.9	2992.3	2975.3	2930.1	2884.8
170°	3111.1	3054.5	3082.8	3077.1	3031.9	3026.2	2992.3	2986.6	2969.7	2935.7	2913.1
172.5°	3082.8	3043.2	3060.2	3043.2	3020.6	3003.6	3003.6	3009.3	2981.0	2958.4	2930.1
175°	3037.6	3014.9	3020.6	3037.6	3003.6	2992.3	2964.0	2986.6	2992.3	2952.7	2941.4
177.5°	2986.6	3009.3	2992.3	3014.9	2986.6	2981.0	2964.0	2981.0	2981.0	2947.0	2947.0
180°	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7



TEST NUMBER: P508353

CATALOG NUMBER: ASYX-X-L3-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°	17.0	22.6	22.6	28.3	33.9	33.9	39.6	39.6	45.3	50.9	56.6
95°	33.9	28.3	33.9	39.6	39.6	45.3	50.9	50.9	56.6	62.2	62.2
97.5°	67.9	45.3	45.3	45.3	50.9	50.9	56.6	62.2	67.9	67.9	67.9
100°	130.1	73.5	73.5	56.6	56.6	62.2	62.2	67.9	73.5	73.5	73.5
102.5°	226.3	135.8	107.5	73.5	67.9	67.9	73.5	73.5	79.2	79.2	79.2
105°	424.2	271.5	152.7	90.5	84.8	79.2	79.2	79.2	84.8	84.8	84.8
107.5°	746.7	435.6	214.9	118.8	101.8	90.5	90.5	90.5	90.5	90.5	90.5
110°	1137.0	639.2	294.1	152.7	124.4	107.5	101.8	101.8	96.2	96.2	96.2
112.5°	1493.3	837.2	373.3	186.7	147.1	124.4	113.1	107.5	107.5	101.8	96.2
115°	1719.6	984.2	452.5	214.9	169.7	141.4	118.8	118.8	113.1	107.5	101.8
117.5°	1883.6	1137.0	548.7	260.2	198.0	164.0	130.1	124.4	118.8	118.8	113.1
120°	2042.0	1295.3	650.5	311.1	237.6	186.7	147.1	135.8	130.1	124.4	118.8
122.5°	2194.7	1448.1	763.6	373.3	277.2	220.6	164.0	147.1	141.4	130.1	130.1
125°	2313.5	1606.5	893.7	452.5	333.7	260.2	186.7	158.4	147.1	141.4	135.8
127.5°	2443.6	1764.8	1029.5	537.4	396.0	311.1	214.9	175.4	164.0	152.7	147.1
130°	2539.8	1917.6	1176.6	650.5	486.5	373.3	254.5	198.0	175.4	164.0	158.4
132.5°	2613.3	2047.7	1323.6	774.9	593.9	452.5	305.5	237.6	198.0	181.0	169.7
135°	2635.9	2160.8	1476.4	910.7	707.1	554.3	373.3	282.8	226.3	198.0	186.7
137.5°	2658.6	2251.3	1623.4	1063.4	854.1	678.8	452.5	339.4	271.5	231.9	203.6
140°	2647.3	2319.2	1764.8	1233.1	1006.9	814.5	560.0	412.9	328.1	277.2	237.6
142.5°	2641.6	2375.7	1911.9	1391.5	1165.2	972.9	690.1	509.1	401.6	328.1	282.8
145°	2652.9	2415.3	2019.4	1561.2	1351.9	1153.9	848.5	622.2	492.1	401.6	350.7
147.5°	2613.3	2438.0	2149.5	1708.3	1515.9	1323.6	1018.2	774.9	616.6	503.4	429.9
150°	2647.3	2449.3	2206.0	1855.3	1674.3	1499.0	1204.8	950.3	769.3	633.5	543.0
152.5°	2641.6	2460.6	2268.3	1985.4	1832.7	1668.7	1374.5	1125.6	933.3	791.9	684.4
155°	2669.9	2466.2	2330.5	2115.5	1979.8	1832.7	1566.9	1329.3	1125.6	984.2	859.8
157.5°	2692.5	2539.8	2404.0	2234.3	2115.5	1991.1	1764.8	1544.2	1351.9	1204.8	1052.1
160°	2726.4	2579.4	2460.6	2330.5	2251.3	2121.2	1957.2	1781.8	1595.1	1436.8	1312.3
162.5°	2743.4	2641.6	2539.8	2409.7	2358.8	2268.3	2132.5	2002.4	1844.0	1697.0	1578.2
165°	2777.4	2675.5	2607.7	2500.2	2449.3	2370.1	2285.2	2166.4	2070.3	1945.8	1855.3
167.5°	2811.3	2743.4	2686.8	2602.0	2556.7	2500.2	2426.6	2347.5	2296.5	2200.4	2109.9
170°	2845.2	2788.7	2760.4	2720.8	2652.9	2607.7	2573.7	2517.2	2449.3	2404.0	2353.1
172.5°	2873.5	2850.9	2833.9	2822.6	2754.7	2720.8	2698.2	2635.9	2635.9	2573.7	2534.1
175°	2918.8	2845.2	2896.1	2867.9	2845.2	2816.9	2805.6	2788.7	2771.7	2749.1	2726.4
177.5°	2941.4	2930.1	2941.4	2930.1	2924.4	2896.1	2913.1	2896.1	2890.5	2884.8	2867.9
180°	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7





TEST NUMBER: P508353

CATALOG NUMBER: ASYX-X-L3-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°	62.2	62.2	67.9	67.9	67.9	67.9	73.5	67.9	62.2
95°	67.9	73.5	73.5	73.5	79.2	79.2	79.2	79.2	79.2
97.5°	73.5	73.5	79.2	79.2	79.2	84.8	84.8	84.8	84.8
100°	79.2	79.2	79.2	84.8	84.8	84.8	84.8	84.8	84.8
102.5°	79.2	79.2	79.2	84.8	84.8	84.8	84.8	84.8	84.8
105°	84.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
107.5°	84.8	84.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2
110°	90.5	84.8	79.2	79.2	79.2	79.2	79.2	79.2	73.5
112.5°	96.2	90.5	84.8	79.2	79.2	79.2	79.2	73.5	73.5
115°	101.8	96.2	90.5	90.5	84.8	84.8	84.8	79.2	79.2
117.5°	107.5	101.8	96.2	96.2	90.5	90.5	84.8	84.8	84.8
120°	113.1	113.1	107.5	101.8	101.8	96.2	96.2	90.5	90.5
122.5°	124.4	113.1	113.1	113.1	113.1	107.5	101.8	101.8	101.8
125°	130.1	124.4	124.4	124.4	118.8	118.8	113.1	107.5	107.5
127.5°	141.4	135.8	135.8	130.1	130.1	124.4	124.4	118.8	118.8
130°	152.7	147.1	141.4	141.4	141.4	135.8	135.8	130.1	130.1
132.5°	164.0	158.4	158.4	152.7	152.7	147.1	147.1	141.4	141.4
135°	181.0	169.7	169.7	169.7	164.0	158.4	158.4	158.4	152.7
137.5°	192.3	186.7	181.0	175.4	175.4	175.4	169.7	169.7	169.7
140°	220.6	203.6	198.0	192.3	192.3	186.7	186.7	186.7	186.7
142.5°	254.5	237.6	220.6	214.9	209.3	203.6	203.6	198.0	198.0
145°	311.1	282.8	260.2	254.5	243.2	231.9	231.9	226.3	226.3
147.5°	379.0	345.0	316.8	305.5	299.8	288.5	277.2	271.5	265.9
150°	475.1	424.2	396.0	384.6	373.3	350.7	339.4	333.7	333.7
152.5°	599.6	543.0	497.8	475.1	463.8	441.2	424.2	418.6	424.2
155°	752.3	684.4	639.2	610.9	588.3	560.0	548.7	543.0	531.7
157.5°	967.3	876.8	808.9	786.3	758.0	729.7	712.7	695.8	684.4
160°	1199.2	1097.4	1035.1	1006.9	972.9	927.7	905.0	882.4	871.1
162.5°	1453.7	1368.9	1295.3	1250.1	1233.1	1176.6	1153.9	1125.6	1131.3
165°	1736.6	1646.0	1589.5	1555.5	1510.3	1482.0	1465.0	1425.4	1408.5
167.5°	2036.3	1934.5	1906.2	1861.0	1821.4	1781.8	1781.8	1764.8	1747.9
170°	2262.6	2240.0	2206.0	2155.1	2149.5	2121.2	2121.2	2104.2	2109.9
172.5°	2477.6	2443.6	2443.6	2426.6	2409.7	2398.4	2370.1	2381.4	2381.4
175°	2692.5	2675.5	2664.2	2619.0	2630.3	2630.3	2613.3	2613.3	2624.6
177.5°	2867.9	2867.9	2856.5	2850.9	2845.2	2850.9	2856.5	2862.2	2850.9
180°	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7	2952.7

(END OF REPORT)