

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: P508449

Luminaire Tested: **ASYX-X-S3-X-U-HSS-L35-1-UNV-X-X-X-STD**

Issue Date: 4/5/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P508449  
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-S3-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**

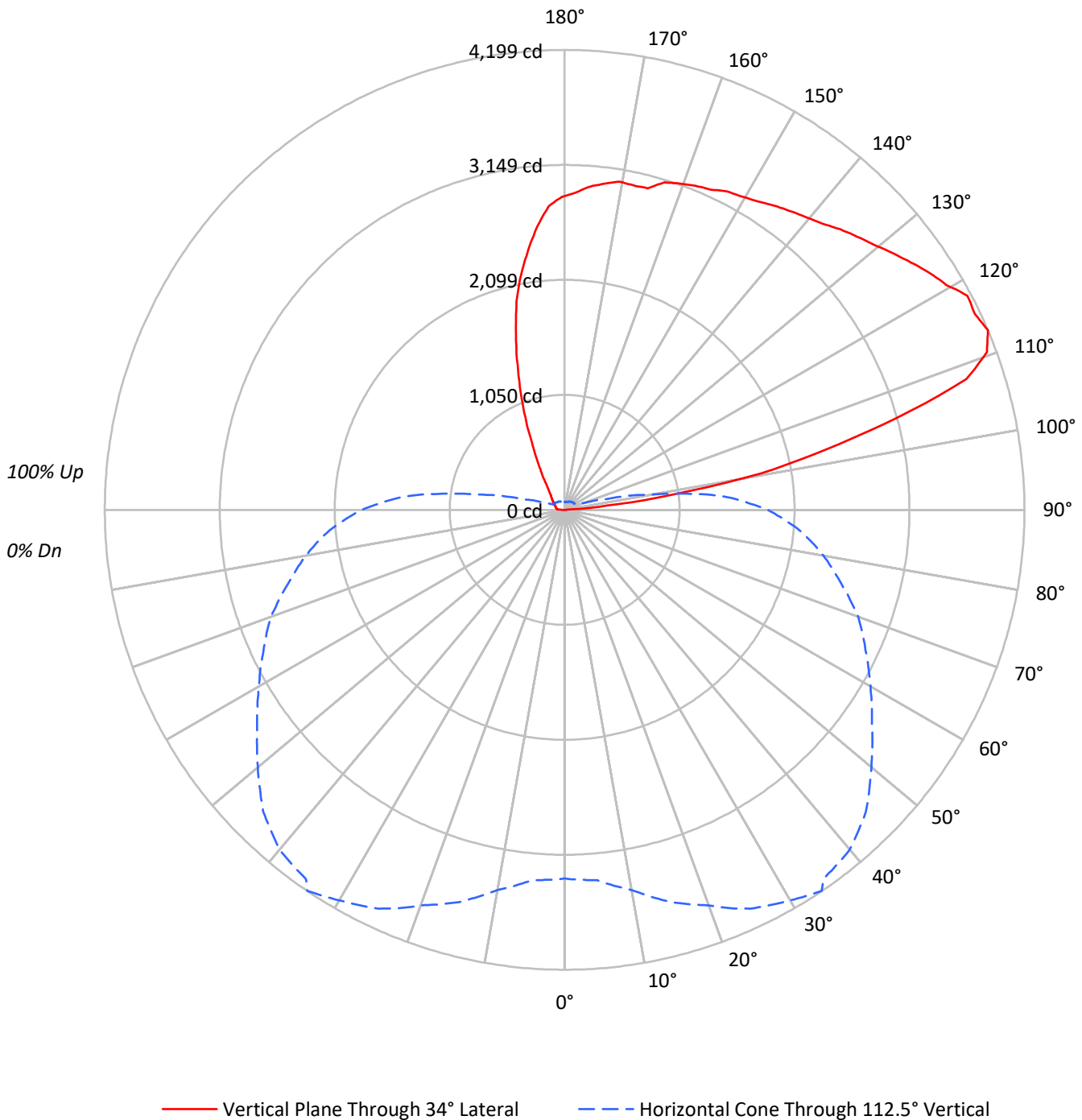
Lumens per Lamp: N/A  
Luminaire Lumens: 9841.5 lumens  
Efficiency: N/A  
Efficacy: 61.4 lumens/watt  
N/A  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
CIE Type: Indirect

Input Watts (W): 160.2  
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: P508449  
CATALOG NUMBER: ASYX-X-S3-X-U-HSS-L35-1-UNV-X-X-X-STD

### Luminous Intensity Polar Plot





TEST NUMBER: P508449

CATALOG NUMBER: ASYX-X-S3-X-U-HSS-L35-1-UNV-X-X-X-STD

**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	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°	906	10819	12614
100°	36647	22167	6786
105°	112317	35212	4248
110°	128874	60417	2988
115°	117493	70646	2601
120°	100567	68355	2514
125°	84516	65615	2602
130°	76271	61481	2811
135°	67557	57334	3000
140°	62461	52409	3385
145°	57166	48533	3837
150°	54161	44907	5353
155°	50888	42739	8149
160°	48577	41639	12877
165°	46527	41159	20253
170°	44916	41086	29759
175°	43141	41012	36594



TEST NUMBER: P508449

CATALOG NUMBER: ASYX-X-S3-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°	191.4	1.9
100°-110°	1199.4	12.2
110°-120°	1854.0	18.8
120°-130°	1789.2	18.2
130°-140°	1554.0	15.8
140°-150°	1280.8	13.0
150°-160°	1009.3	10.3
160°-170°	700.2	7.1
170°-180°	263.2	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°	3244.8	33.0
90°-150°	7868.9	80.0
90°-180°	9841.0	100.0
0°-180°	9841.5	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
90°	0	0	0	0	0	
95°	6	49	66	60	77	93
105°	2026	3252	635	82	77	1988
115°	3460	3947	2080	104	77	3365
125°	3378	3848	2622	137	104	3089
135°	3328	3531	2825	192	148	2588
145°	3263	3301	2770	389	219	2069
155°	3214	3170	2699	953	515	1481
165°	3131	3044	2770	1883	1363	889
175°	2994	2940	2847	2661	2540	287
180°	2858	2858	2858	2858	2858	



TEST NUMBER: P508449

CATALOG NUMBER: ASYX-X-S3-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	5.5	5.5	16.4	10.9	10.9	16.4	21.9	27.4	10.9
95°	5.5	5.5	10.9	142.3	427.0	470.8	448.9	432.5	377.7	328.5	82.1
97.5°	115.0	136.9	219.0	585.8	1188.0	1368.6	1456.2	1193.4	979.9	908.8	487.2
100°	443.4	514.6	711.7	1346.7	2009.1	2052.9	2036.5	1981.7	1823.0	1719.0	1319.3
102.5°	1182.5	1231.7	1505.5	2069.3	2430.7	2507.3	2507.3	2458.0	2441.6	2408.8	2282.8
105°	2025.5	2080.3	2299.3	2589.4	2808.4	2890.5	2934.3	3043.8	3153.3	3169.7	3290.1
107.5°	2589.4	2644.2	2813.9	3032.8	3317.5	3421.5	3547.4	3722.6	3859.5	3843.1	3815.7
110°	3071.2	3131.4	3290.1	3509.1	3717.1	3843.1	3963.5	4040.1	4116.8	4040.1	4001.8
112.5°	3366.8	3394.2	3525.5	3706.2	3843.1	3936.1	4018.2	4116.8	4198.9	4116.8	4051.1
115°	3459.8	3476.3	3591.2	3717.1	3865.0	3952.5	4012.8	4116.8	4149.6	4133.2	4078.5
117.5°	3454.4	3525.5	3624.1	3711.7	3854.0	3925.2	3985.4	4067.5	4166.0	4122.3	4067.5
120°	3503.6	3509.1	3613.1	3717.1	3821.2	3881.4	3881.4	4001.8	4045.6	4034.7	4023.7
122.5°	3487.2	3503.6	3591.2	3656.9	3766.4	3815.7	3865.0	3925.2	3974.4	3958.0	3958.0
125°	3377.7	3481.7	3531.0	3607.7	3711.7	3744.5	3793.8	3843.1	3886.9	3870.4	3865.0
127.5°	3443.4	3448.9	3492.7	3574.8	3640.5	3662.4	3717.1	3760.9	3804.7	3799.3	3810.2
130°	3416.0	3399.6	3503.6	3536.5	3585.8	3624.1	3651.4	3689.8	3722.6	3722.6	3733.6
132.5°	3394.2	3394.2	3427.0	3492.7	3536.5	3563.9	3607.7	3618.6	3656.9	3667.9	3646.0
135°	3328.5	3372.3	3421.5	3443.4	3492.7	3514.6	3536.5	3558.4	3591.2	3602.2	3563.9
137.5°	3262.8	3328.5	3394.2	3427.0	3465.3	3465.3	3465.3	3498.2	3514.6	3531.0	3492.7
140°	3333.9	3328.5	3388.7	3383.2	3405.1	3399.6	3437.9	3443.4	3465.3	3454.4	3432.5
142.5°	3317.5	3317.5	3333.9	3355.8	3350.4	3361.3	3388.7	3416.0	3416.0	3427.0	3388.7
145°	3262.8	3279.2	3306.6	3328.5	3328.5	3323.0	3355.8	3361.3	3372.3	3366.8	3344.9
147.5°	3284.7	3284.7	3284.7	3312.0	3312.0	3312.0	3317.5	3323.0	3323.0	3328.5	3312.0
150°	3268.2	3273.7	3284.7	3273.7	3301.1	3257.3	3284.7	3284.7	3284.7	3290.1	3279.2
152.5°	3158.8	3235.4	3262.8	3257.3	3235.4	3246.3	3251.8	3273.7	3262.8	3273.7	3240.9
155°	3213.5	3208.0	3213.5	3219.0	3202.5	3213.5	3219.0	3219.0	3213.5	3219.0	3191.6
157.5°	3197.1	3191.6	3219.0	3186.1	3202.5	3213.5	3191.6	3208.0	3191.6	3213.5	3202.5
160°	3180.6	3169.7	3191.6	3169.7	3191.6	3164.2	3147.8	3175.2	3158.8	3197.1	3142.3
162.5°	3158.8	3153.3	3175.2	3147.8	3125.9	3115.0	3131.4	3136.9	3125.9	3136.9	3109.5
165°	3131.4	3131.4	3131.4	3104.0	3120.4	3120.4	3098.5	3104.0	3032.8	3109.5	3076.6
167.5°	3109.5	3131.4	3104.0	3076.6	3109.5	3109.5	3071.2	3076.6	3027.4	3065.7	3049.3
170°	3082.1	3060.2	3065.7	3065.7	3093.1	3043.8	3016.4	3065.7	3038.3	3065.7	3038.3
172.5°	3016.4	3038.3	3038.3	3027.4	3010.9	3010.9	3005.5	3016.4	3000.0	3005.5	2989.0
175°	2994.5	2994.5	3005.5	3021.9	2989.0	2983.6	2950.7	2978.1	2961.7	2972.6	2956.2
177.5°	2912.4	2956.2	2950.7	2912.4	2934.3	2901.5	2917.9	2928.8	2896.0	2923.3	2896.0
180°	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7



TEST NUMBER: P508449

CATALOG NUMBER: ASYX-X-S3-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°	10.9	10.9	10.9	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
95°	49.3	65.7	158.8	131.4	98.5	93.1	104.0	93.1	82.1	71.2	65.7
97.5°	394.2	443.4	465.3	410.6	405.1	372.3	333.9	251.8	229.9	202.6	158.8
100°	1078.5	958.0	897.8	799.3	646.0	585.8	536.5	443.4	361.3	317.5	268.2
102.5°	2063.9	1839.4	1549.3	1242.7	1012.8	925.2	826.6	689.8	580.3	481.8	399.6
105°	3251.8	2824.8	2260.9	1850.4	1543.8	1352.2	1264.6	1045.6	865.0	755.5	635.0
107.5°	3646.0	3372.3	3021.9	2594.9	2233.6	2058.4	1866.8	1576.6	1346.7	1144.2	963.5
110°	3810.2	3574.8	3312.0	3060.2	2813.9	2655.1	2523.7	2228.1	1943.4	1691.6	1439.8
112.5°	3892.3	3656.9	3427.0	3224.4	3032.8	2945.2	2852.2	2616.8	2397.8	2156.9	1855.8
115°	3947.1	3760.9	3558.4	3344.9	3197.1	3104.0	3021.9	2808.4	2605.8	2386.9	2080.3
117.5°	3974.4	3788.3	3640.5	3465.3	3312.0	3235.4	3147.8	2956.2	2753.6	2551.1	2244.5
120°	3941.6	3815.7	3695.2	3547.4	3399.6	3323.0	3251.8	3060.2	2874.1	2682.5	2381.4
122.5°	3897.8	3826.6	3733.6	3585.8	3476.3	3410.6	3350.4	3158.8	2994.5	2775.5	2501.8
125°	3848.5	3777.4	3678.8	3585.8	3498.2	3448.9	3405.1	3235.4	3065.7	2879.6	2622.3
127.5°	3771.9	3706.2	3629.6	3552.9	3487.2	3437.9	3421.5	3273.7	3115.0	2950.7	2687.9
130°	3689.8	3635.0	3569.3	3492.7	3448.9	3394.2	3399.6	3268.2	3142.3	2989.0	2753.6
132.5°	3580.3	3542.0	3525.5	3443.4	3399.6	3372.3	3333.9	3246.3	3142.3	3021.9	2797.4
135°	3531.0	3492.7	3465.3	3394.2	3328.5	3317.5	3262.8	3213.5	3125.9	3038.3	2824.8
137.5°	3443.4	3421.5	3405.1	3328.5	3262.8	3262.8	3246.3	3180.6	3104.0	2983.6	2802.9
140°	3405.1	3377.7	3333.9	3273.7	3235.4	3202.5	3186.1	3131.4	3038.3	2945.2	2797.4
142.5°	3339.4	3317.5	3306.6	3251.8	3191.6	3158.8	3125.9	3065.7	3000.0	2934.3	2775.5
145°	3301.1	3295.6	3284.7	3229.9	3136.9	3120.4	3109.5	3043.8	2983.6	2879.6	2770.1
147.5°	3251.8	3257.3	3246.3	3180.6	3120.4	3082.1	3054.7	2994.5	2950.7	2863.1	2726.3
150°	3219.0	3224.4	3213.5	3131.4	3065.7	3049.3	3038.3	2978.1	2896.0	2824.8	2709.8
152.5°	3202.5	3186.1	3158.8	3125.9	3054.7	3016.4	3005.5	2939.8	2896.0	2808.4	2698.9
155°	3169.7	3147.8	3131.4	3076.6	3032.8	2994.5	2967.1	2928.8	2879.6	2792.0	2698.9
157.5°	3136.9	3115.0	3104.0	3093.1	3032.8	2978.1	2972.6	2928.8	2852.2	2786.5	2709.8
160°	3104.0	3049.3	3093.1	3027.4	3010.9	2967.1	2934.3	2906.9	2852.2	2792.0	2726.3
162.5°	3071.2	3054.7	3049.3	3010.9	2978.1	2950.7	2901.5	2917.9	2852.2	2797.4	2748.2
165°	3043.8	3027.4	3021.9	3010.9	2961.7	2939.8	2928.8	2896.0	2868.6	2813.9	2770.1
167.5°	3016.4	2989.0	3000.0	2989.0	2928.8	2945.2	2917.9	2896.0	2879.6	2835.8	2792.0
170°	3010.9	2956.2	2983.6	2978.1	2934.3	2928.8	2896.0	2890.5	2874.1	2841.2	2819.3
172.5°	2983.6	2945.2	2961.7	2945.2	2923.3	2906.9	2906.9	2912.4	2885.0	2863.1	2835.8
175°	2939.8	2917.9	2923.3	2939.8	2906.9	2896.0	2868.6	2890.5	2896.0	2857.7	2846.7
177.5°	2890.5	2912.4	2896.0	2917.9	2890.5	2885.0	2868.6	2885.0	2885.0	2852.2	2852.2
180°	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7



TEST NUMBER: P508449

CATALOG NUMBER: ASYX-X-S3-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°	16.4	21.9	21.9	27.4	32.8	32.8	38.3	38.3	43.8	49.3	54.7
95°	32.8	27.4	32.8	38.3	38.3	43.8	49.3	49.3	54.7	60.2	60.2
97.5°	65.7	43.8	43.8	43.8	49.3	49.3	54.7	60.2	65.7	65.7	65.7
100°	125.9	71.2	71.2	54.7	54.7	60.2	60.2	65.7	71.2	71.2	71.2
102.5°	219.0	131.4	104.0	71.2	65.7	65.7	71.2	71.2	76.6	76.6	76.6
105°	410.6	262.8	147.8	87.6	82.1	76.6	76.6	76.6	82.1	82.1	82.1
107.5°	722.6	421.5	208.0	115.0	98.5	87.6	87.6	87.6	87.6	87.6	87.6
110°	1100.4	618.6	284.7	147.8	120.4	104.0	98.5	98.5	93.1	93.1	93.1
112.5°	1445.3	810.2	361.3	180.7	142.3	120.4	109.5	104.0	104.0	98.5	93.1
115°	1664.2	952.6	438.0	208.0	164.2	136.9	115.0	115.0	109.5	104.0	98.5
117.5°	1823.0	1100.4	531.0	251.8	191.6	158.8	125.9	120.4	115.0	115.0	109.5
120°	1976.3	1253.6	629.6	301.1	229.9	180.7	142.3	131.4	125.9	120.4	115.0
122.5°	2124.1	1401.5	739.0	361.3	268.2	213.5	158.8	142.3	136.9	125.9	125.9
125°	2239.0	1554.7	865.0	438.0	323.0	251.8	180.7	153.3	142.3	136.9	131.4
127.5°	2365.0	1708.0	996.3	520.1	383.2	301.1	208.0	169.7	158.8	147.8	142.3
130°	2458.0	1855.8	1138.7	629.6	470.8	361.3	246.3	191.6	169.7	158.8	153.3
132.5°	2529.2	1981.7	1281.0	750.0	574.8	438.0	295.6	229.9	191.6	175.2	164.2
135°	2551.1	2091.2	1428.8	881.4	684.3	536.5	361.3	273.7	219.0	191.6	180.7
137.5°	2573.0	2178.8	1571.2	1029.2	826.6	656.9	438.0	328.5	262.8	224.5	197.1
140°	2562.0	2244.5	1708.0	1193.4	974.4	788.3	542.0	399.6	317.5	268.2	229.9
142.5°	2556.6	2299.3	1850.4	1346.7	1127.7	941.6	667.9	492.7	388.7	317.5	273.7
145°	2567.5	2337.6	1954.4	1510.9	1308.4	1116.8	821.2	602.2	476.3	388.7	339.4
147.5°	2529.2	2359.5	2080.3	1653.3	1467.1	1281.0	985.4	750.0	596.7	487.2	416.1
150°	2562.0	2370.4	2135.0	1795.6	1620.4	1450.7	1166.1	919.7	744.5	613.1	525.5
152.5°	2556.6	2381.4	2195.2	1921.5	1773.7	1615.0	1330.3	1089.4	903.3	766.4	662.4
155°	2583.9	2386.9	2255.5	2047.4	1916.1	1773.7	1516.4	1286.5	1089.4	952.6	832.1
157.5°	2605.8	2458.0	2326.6	2162.4	2047.4	1927.0	1708.0	1494.5	1308.4	1166.1	1018.2
160°	2638.7	2496.3	2381.4	2255.5	2178.8	2052.9	1894.2	1724.4	1543.8	1390.5	1270.1
162.5°	2655.1	2556.6	2458.0	2332.1	2282.8	2195.2	2063.9	1938.0	1784.7	1642.3	1527.4
165°	2687.9	2589.4	2523.7	2419.7	2370.4	2293.8	2211.7	2096.7	2003.6	1883.2	1795.6
167.5°	2720.8	2655.1	2600.4	2518.2	2474.4	2419.7	2348.5	2271.9	2222.6	2129.6	2042.0
170°	2753.6	2698.9	2671.5	2633.2	2567.5	2523.7	2490.9	2436.1	2370.4	2326.6	2277.4
172.5°	2781.0	2759.1	2742.7	2731.7	2666.1	2633.2	2611.3	2551.1	2551.1	2490.9	2452.5
175°	2824.8	2753.6	2802.9	2775.5	2753.6	2726.3	2715.3	2698.9	2682.5	2660.6	2638.7
177.5°	2846.7	2835.8	2846.7	2835.8	2830.3	2802.9	2819.3	2802.9	2797.4	2792.0	2775.5
180°	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7





TEST NUMBER: P508449

CATALOG NUMBER: ASYX-X-S3-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°	60.2	60.2	65.7	65.7	65.7	65.7	71.2	65.7	60.2
95°	65.7	71.2	71.2	71.2	76.6	76.6	76.6	76.6	76.6
97.5°	71.2	71.2	76.6	76.6	76.6	82.1	82.1	82.1	82.1
100°	76.6	76.6	76.6	82.1	82.1	82.1	82.1	82.1	82.1
102.5°	76.6	76.6	76.6	82.1	82.1	82.1	82.1	82.1	82.1
105°	82.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
107.5°	82.1	82.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6
110°	87.6	82.1	76.6	76.6	76.6	76.6	76.6	76.6	71.2
112.5°	93.1	87.6	82.1	76.6	76.6	76.6	76.6	71.2	71.2
115°	98.5	93.1	87.6	87.6	82.1	82.1	82.1	76.6	76.6
117.5°	104.0	98.5	93.1	93.1	87.6	87.6	82.1	82.1	82.1
120°	109.5	109.5	104.0	98.5	98.5	93.1	93.1	87.6	87.6
122.5°	120.4	109.5	109.5	109.5	109.5	104.0	98.5	98.5	98.5
125°	125.9	120.4	120.4	120.4	115.0	115.0	109.5	104.0	104.0
127.5°	136.9	131.4	131.4	125.9	125.9	120.4	120.4	115.0	115.0
130°	147.8	142.3	136.9	136.9	136.9	131.4	131.4	125.9	125.9
132.5°	158.8	153.3	153.3	147.8	147.8	142.3	142.3	136.9	136.9
135°	175.2	164.2	164.2	164.2	158.8	153.3	153.3	153.3	147.8
137.5°	186.1	180.7	175.2	169.7	169.7	164.2	164.2	164.2	164.2
140°	213.5	197.1	191.6	186.1	186.1	180.7	180.7	180.7	180.7
142.5°	246.3	229.9	213.5	208.0	202.6	197.1	197.1	191.6	191.6
145°	301.1	273.7	251.8	246.3	235.4	224.5	224.5	219.0	219.0
147.5°	366.8	333.9	306.6	295.6	290.1	279.2	268.2	262.8	257.3
150°	459.9	410.6	383.2	372.3	361.3	339.4	328.5	323.0	323.0
152.5°	580.3	525.5	481.8	459.9	448.9	427.0	410.6	405.1	410.6
155°	728.1	662.4	618.6	591.2	569.3	542.0	531.0	525.5	514.6
157.5°	936.1	848.5	782.8	760.9	733.6	706.2	689.8	673.4	662.4
160°	1160.6	1062.0	1001.8	974.4	941.6	897.8	875.9	854.0	843.1
162.5°	1406.9	1324.8	1253.6	1209.9	1193.4	1138.7	1116.8	1089.4	1094.9
165°	1680.7	1593.1	1538.3	1505.5	1461.7	1434.3	1417.9	1379.6	1363.1
167.5°	1970.8	1872.3	1844.9	1801.1	1762.8	1724.4	1724.4	1708.0	1691.6
170°	2189.8	2167.9	2135.0	2085.8	2080.3	2052.9	2052.9	2036.5	2042.0
172.5°	2397.8	2365.0	2365.0	2348.5	2332.1	2321.2	2293.8	2304.7	2304.7
175°	2605.8	2589.4	2578.5	2534.7	2545.6	2545.6	2529.2	2529.2	2540.1
177.5°	2775.5	2775.5	2764.6	2759.1	2753.6	2759.1	2764.6	2770.1	2759.1
180°	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7	2857.7

(END OF REPORT)