

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: P508385

Luminaire Tested: **ASYX-X-L5-X-U-HSS-L35-1-UNV-X-X-X-STD**

Issue Date: 4/5/2021

Test Information

Test Method: LM-79-08
Report Number: P508385
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-L5-X-U-HSS-L35-1-UNV-X-X-X-STD
Description: AMETRIX ASYMMETRIC INDIRECT LED LUMINAIRE.
(5) 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

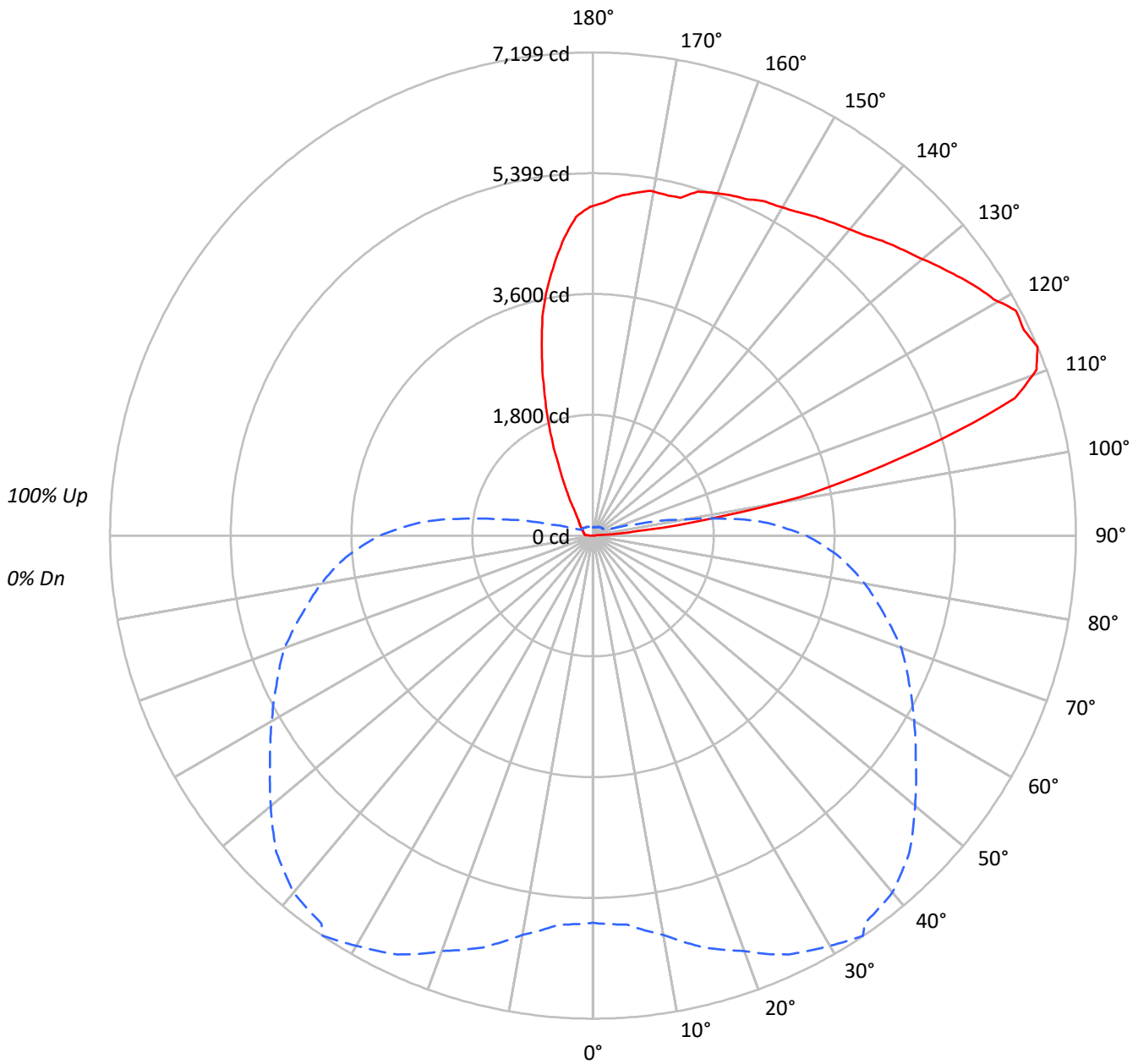
Lumens per Lamp: N/A
Luminaire Lumens: 16873.4 lumens
Efficiency: N/A
Efficacy: 62.5 lumens/watt
N/A
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
CIE Type: Indirect

Input Watts (W): 270.1
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: P508385
CATALOG NUMBER: ASYX-X-L5-X-U-HSS-L35-1-UNV-X-X-X-STD

Luminous Intensity Polar Plot



— Vertical Plane Through 34° Lateral - - - Horizontal Cone Through 112.5° Vertical



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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	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°	774	9271	10819
100°	31419	19005	5819
105°	96286	30188	3643
110°	110478	51792	2560
115°	100724	60562	2231
120°	86213	58597	2156
125°	72453	56248	2231
130°	65385	52706	2410
135°	57913	49150	2572
140°	53546	44929	2901
145°	49005	41605	3289
150°	46431	38498	4589
155°	43624	36638	6986
160°	41644	35694	11038
165°	39885	35283	17363
170°	38505	35222	25511
175°	36983	35157	31371



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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°	328.2	1.9
100°-110°	2056.5	12.2
110°-120°	3178.7	18.8
120°-130°	3067.7	18.2
130°-140°	2664.3	15.8
140°-150°	2196.0	13.0
150°-160°	1730.4	10.3
160°-170°	1200.5	7.1
170°-180°	451.2	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°	5563.3	33.0
90°-150°	13491.3	80.0
90°-180°	16873.0	100.0
0°-180°	16873.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
90°	0	0	0	0	0	
95°	9	84	113	103	131	159
105°	3473	5575	1089	141	131	3408
115°	5932	6767	3567	178	131	5769
125°	5791	6598	4496	235	178	5296
135°	5707	6054	4843	328	253	4438
145°	5594	5660	4749	666	375	3547
155°	5510	5434	4627	1633	882	2539
165°	5369	5219	4749	3229	2337	1525
175°	5134	5040	4881	4562	4355	492
180°	4900	4900	4900	4900	4900	



TEST NUMBER: P508385

CATALOG NUMBER: ASYX-X-L5-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	9.4	9.4	28.2	18.8	18.8	28.2	37.5	46.9	18.8
95°	9.4	9.4	18.8	244.0	732.1	807.2	769.7	741.5	647.6	563.2	140.8
97.5°	197.1	234.7	375.4	1004.3	2036.8	2346.5	2496.7	2046.2	1680.1	1558.1	835.4
100°	760.3	882.3	1220.2	2309.0	3444.7	3519.8	3491.6	3397.7	3125.5	2947.2	2262.0
102.5°	2027.4	2111.9	2581.2	3547.9	4167.4	4298.8	4298.8	4214.3	4186.2	4129.9	3914.0
105°	3472.8	3566.7	3942.1	4439.6	4815.0	4955.8	5030.9	5218.6	5406.4	5434.5	5641.0
107.5°	4439.6	4533.4	4824.4	5199.9	5687.9	5866.3	6082.1	6382.5	6617.1	6589.0	6542.1
110°	5265.6	5368.8	5641.0	6016.4	6373.1	6589.0	6795.5	6926.9	7058.3	6926.9	6861.2
112.5°	5772.4	5819.3	6044.6	6354.3	6589.0	6748.6	6889.3	7058.3	7199.1	7058.3	6945.7
115°	5932.0	5960.1	6157.2	6373.1	6626.5	6776.7	6880.0	7058.3	7114.6	7086.4	6992.6
117.5°	5922.6	6044.6	6213.5	6363.7	6607.8	6729.8	6833.0	6973.8	7142.8	7067.7	6973.8
120°	6007.1	6016.4	6194.8	6373.1	6551.4	6654.7	6654.7	6861.2	6936.3	6917.5	6898.7
122.5°	5978.9	6007.1	6157.2	6269.9	6457.6	6542.1	6626.5	6729.8	6814.3	6786.1	6786.1
125°	5791.2	5969.5	6054.0	6185.4	6363.7	6420.0	6504.5	6589.0	6664.1	6635.9	6626.5
127.5°	5903.8	5913.2	5988.3	6129.1	6241.7	6279.3	6373.1	6448.2	6523.3	6513.9	6532.7
130°	5856.9	5828.7	6007.1	6063.4	6147.8	6213.5	6260.5	6326.2	6382.5	6382.5	6401.3
132.5°	5819.3	5819.3	5875.7	5988.3	6063.4	6110.3	6185.4	6204.2	6269.9	6288.6	6251.1
135°	5706.7	5781.8	5866.3	5903.8	5988.3	6025.8	6063.4	6100.9	6157.2	6176.0	6110.3
137.5°	5594.1	5706.7	5819.3	5875.7	5941.4	5941.4	5941.4	5997.7	6025.8	6054.0	5988.3
140°	5716.1	5706.7	5809.9	5800.6	5838.1	5828.7	5894.4	5903.8	5941.4	5922.6	5885.0
142.5°	5687.9	5687.9	5716.1	5753.6	5744.2	5763.0	5809.9	5856.9	5856.9	5875.7	5809.9
145°	5594.1	5622.2	5669.2	5706.7	5706.7	5697.3	5753.6	5763.0	5781.8	5772.4	5734.9
147.5°	5631.6	5631.6	5631.6	5678.5	5678.5	5678.5	5687.9	5697.3	5697.3	5706.7	5678.5
150°	5603.5	5612.8	5631.6	5612.8	5659.8	5584.7	5631.6	5631.6	5631.6	5641.0	5622.2
152.5°	5415.7	5547.1	5594.1	5584.7	5547.1	5565.9	5575.3	5612.8	5594.1	5612.8	5556.5
155°	5509.6	5500.2	5509.6	5519.0	5490.8	5509.6	5519.0	5519.0	5509.6	5519.0	5472.1
157.5°	5481.4	5472.1	5519.0	5462.7	5490.8	5509.6	5472.1	5500.2	5472.1	5509.6	5490.8
160°	5453.3	5434.5	5472.1	5434.5	5472.1	5425.1	5397.0	5443.9	5415.7	5481.4	5387.6
162.5°	5415.7	5406.4	5443.9	5397.0	5359.4	5340.6	5368.8	5378.2	5359.4	5378.2	5331.3
165°	5368.8	5368.8	5368.8	5321.9	5350.0	5350.0	5312.5	5321.9	5199.9	5331.3	5274.9
167.5°	5331.3	5368.8	5321.9	5274.9	5331.3	5331.3	5265.6	5274.9	5190.5	5256.2	5228.0
170°	5284.3	5246.8	5256.2	5256.2	5303.1	5218.6	5171.7	5256.2	5209.2	5256.2	5209.2
172.5°	5171.7	5209.2	5209.2	5190.5	5162.3	5162.3	5152.9	5171.7	5143.5	5152.9	5124.8
175°	5134.2	5134.2	5152.9	5181.1	5124.8	5115.4	5059.1	5106.0	5077.8	5096.6	5068.5
177.5°	4993.4	5068.5	5059.1	4993.4	5030.9	4974.6	5002.8	5021.5	4965.2	5012.1	4965.2
180°	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5



TEST NUMBER: P508385

CATALOG NUMBER: ASYX-X-L5-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°	18.8	18.8	18.8	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
95°	84.5	112.6	272.2	225.3	168.9	159.6	178.3	159.6	140.8	122.0	112.6
97.5°	675.8	760.3	797.8	704.0	694.6	638.2	572.5	431.8	394.2	347.3	272.2
100°	1849.0	1642.6	1539.3	1370.4	1107.6	1004.3	919.8	760.3	619.5	544.4	459.9
102.5°	3538.5	3153.7	2656.2	2130.6	1736.4	1586.2	1417.3	1182.6	994.9	826.0	685.2
105°	5575.3	4843.2	3876.4	3172.5	2646.9	2318.3	2168.2	1792.7	1483.0	1295.3	1088.8
107.5°	6251.1	5781.8	5181.1	4449.0	3829.5	3529.1	3200.6	2703.2	2309.0	1961.7	1651.9
110°	6532.7	6129.1	5678.5	5246.8	4824.4	4552.2	4327.0	3820.1	3332.0	2900.3	2468.5
112.5°	6673.5	6269.9	5875.7	5528.4	5199.9	5049.7	4890.1	4486.5	4111.1	3698.1	3181.9
115°	6767.3	6448.2	6100.9	5734.9	5481.4	5321.9	5181.1	4815.0	4467.7	4092.3	3566.7
117.5°	6814.3	6495.1	6241.7	5941.4	5678.5	5547.1	5397.0	5068.5	4721.2	4373.9	3848.3
120°	6757.9	6542.1	6335.6	6082.1	5828.7	5697.3	5575.3	5246.8	4927.7	4599.2	4082.9
122.5°	6682.8	6560.8	6401.3	6147.8	5960.1	5847.5	5744.2	5415.7	5134.2	4758.7	4289.4
125°	6598.4	6476.4	6307.4	6147.8	5997.7	5913.2	5838.1	5547.1	5256.2	4937.0	4495.9
127.5°	6467.0	6354.3	6222.9	6091.5	5978.9	5894.4	5866.3	5612.8	5340.6	5059.1	4608.5
130°	6326.2	6232.3	6119.7	5988.3	5913.2	5819.3	5828.7	5603.5	5387.6	5124.8	4721.2
132.5°	6138.5	6072.8	6044.6	5903.8	5828.7	5781.8	5716.1	5565.9	5387.6	5181.1	4796.3
135°	6054.0	5988.3	5941.4	5819.3	5706.7	5687.9	5594.1	5509.6	5359.4	5209.2	4843.2
137.5°	5903.8	5866.3	5838.1	5706.7	5594.1	5594.1	5565.9	5453.3	5321.9	5115.4	4805.6
140°	5838.1	5791.2	5716.1	5612.8	5547.1	5490.8	5462.7	5368.8	5209.2	5049.7	4796.3
142.5°	5725.5	5687.9	5669.2	5575.3	5472.1	5415.7	5359.4	5256.2	5143.5	5030.9	4758.7
145°	5659.8	5650.4	5631.6	5537.8	5378.2	5350.0	5331.3	5218.6	5115.4	4937.0	4749.3
147.5°	5575.3	5584.7	5565.9	5453.3	5350.0	5284.3	5237.4	5134.2	5059.1	4908.9	4674.2
150°	5519.0	5528.4	5509.6	5368.8	5256.2	5228.0	5209.2	5106.0	4965.2	4843.2	4646.1
152.5°	5490.8	5462.7	5415.7	5359.4	5237.4	5171.7	5152.9	5040.3	4965.2	4815.0	4627.3
155°	5434.5	5397.0	5368.8	5274.9	5199.9	5134.2	5087.2	5021.5	4937.0	4786.9	4627.3
157.5°	5378.2	5340.6	5321.9	5303.1	5199.9	5106.0	5096.6	5021.5	4890.1	4777.5	4646.1
160°	5321.9	5228.0	5303.1	5190.5	5162.3	5087.2	5030.9	4984.0	4890.1	4786.9	4674.2
162.5°	5265.6	5237.4	5228.0	5162.3	5106.0	5059.1	4974.6	5002.8	4890.1	4796.3	4711.8
165°	5218.6	5190.5	5181.1	5162.3	5077.8	5040.3	5021.5	4965.2	4918.3	4824.4	4749.3
167.5°	5171.7	5124.8	5143.5	5124.8	5021.5	5049.7	5002.8	4965.2	4937.0	4862.0	4786.9
170°	5162.3	5068.5	5115.4	5106.0	5030.9	5021.5	4965.2	4955.8	4927.7	4871.3	4833.8
172.5°	5115.4	5049.7	5077.8	5049.7	5012.1	4984.0	4984.0	4993.4	4946.4	4908.9	4862.0
175°	5040.3	5002.8	5012.1	5040.3	4984.0	4965.2	4918.3	4955.8	4965.2	4899.5	4880.7
177.5°	4955.8	4993.4	4965.2	5002.8	4955.8	4946.4	4918.3	4946.4	4946.4	4890.1	4890.1
180°	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5



TEST NUMBER: P508385

CATALOG NUMBER: ASYX-X-L5-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°	28.2	37.5	37.5	46.9	56.3	56.3	65.7	65.7	75.1	84.5	93.9
95°	56.3	46.9	56.3	65.7	65.7	75.1	84.5	84.5	93.9	103.2	103.2
97.5°	112.6	75.1	75.1	75.1	84.5	84.5	93.9	103.2	112.6	112.6	112.6
100°	215.9	122.0	122.0	93.9	93.9	103.2	103.2	112.6	122.0	122.0	122.0
102.5°	375.4	225.3	178.3	122.0	112.6	112.6	122.0	122.0	131.4	131.4	131.4
105°	704.0	450.5	253.4	150.2	140.8	131.4	131.4	131.4	140.8	140.8	140.8
107.5°	1239.0	722.7	356.7	197.1	168.9	150.2	150.2	150.2	150.2	150.2	150.2
110°	1886.6	1060.6	488.1	253.4	206.5	178.3	168.9	168.9	159.6	159.6	159.6
112.5°	2477.9	1389.1	619.5	309.7	244.0	206.5	187.7	178.3	178.3	168.9	159.6
115°	2853.4	1633.2	750.9	356.7	281.6	234.7	197.1	197.1	187.7	178.3	168.9
117.5°	3125.5	1886.6	910.4	431.8	328.5	272.2	215.9	206.5	197.1	197.1	187.7
120°	3388.4	2149.4	1079.4	516.2	394.2	309.7	244.0	225.3	215.9	206.5	197.1
122.5°	3641.8	2402.8	1267.1	619.5	459.9	366.1	272.2	244.0	234.7	215.9	215.9
125°	3838.9	2665.6	1483.0	750.9	553.8	431.8	309.7	262.8	244.0	234.7	225.3
127.5°	4054.8	2928.4	1708.3	891.7	657.0	516.2	356.7	291.0	272.2	253.4	244.0
130°	4214.3	3181.9	1952.3	1079.4	807.2	619.5	422.4	328.5	291.0	272.2	262.8
132.5°	4336.3	3397.7	2196.3	1285.9	985.5	750.9	506.8	394.2	328.5	300.4	281.6
135°	4373.9	3585.5	2449.8	1511.1	1173.3	919.8	619.5	469.3	375.4	328.5	309.7
137.5°	4411.4	3735.6	2693.8	1764.6	1417.3	1126.3	750.9	563.2	450.5	384.8	337.9
140°	4392.7	3848.3	2928.4	2046.2	1670.7	1351.6	929.2	685.2	544.4	459.9	394.2
142.5°	4383.3	3942.1	3172.5	2309.0	1933.5	1614.4	1145.1	844.7	666.4	544.4	469.3
145°	4402.0	4007.8	3350.8	2590.5	2243.3	1914.7	1407.9	1032.5	816.6	666.4	581.9
147.5°	4336.3	4045.4	3566.7	2834.6	2515.5	2196.3	1689.5	1285.9	1023.1	835.4	713.3
150°	4392.7	4064.1	3660.5	3078.6	2778.3	2487.3	1999.2	1576.9	1276.5	1051.2	901.1
152.5°	4383.3	4082.9	3763.8	3294.5	3041.1	2768.9	2280.8	1867.8	1548.7	1314.0	1135.7
155°	4430.2	4092.3	3867.0	3510.4	3285.1	3041.1	2599.9	2205.7	1867.8	1633.2	1426.7
157.5°	4467.7	4214.3	3989.1	3707.5	3510.4	3303.9	2928.4	2562.4	2243.3	1999.2	1745.8
160°	4524.1	4280.0	4082.9	3867.0	3735.6	3519.8	3247.6	2956.6	2646.9	2384.1	2177.6
162.5°	4552.2	4383.3	4214.3	3998.4	3914.0	3763.8	3538.5	3322.7	3059.8	2815.8	2618.7
165°	4608.5	4439.6	4327.0	4148.6	4064.1	3932.7	3792.0	3594.8	3435.3	3228.8	3078.6
167.5°	4664.9	4552.2	4458.4	4317.6	4242.5	4148.6	4026.6	3895.2	3810.7	3651.2	3501.0
170°	4721.2	4627.3	4580.4	4514.7	4402.0	4327.0	4270.6	4176.8	4064.1	3989.1	3904.6
172.5°	4768.1	4730.6	4702.4	4683.6	4571.0	4514.7	4477.1	4373.9	4373.9	4270.6	4204.9
175°	4843.2	4721.2	4805.6	4758.7	4721.2	4674.2	4655.5	4627.3	4599.2	4561.6	4524.1
177.5°	4880.7	4862.0	4880.7	4862.0	4852.6	4805.6	4833.8	4805.6	4796.3	4786.9	4758.7
180°	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5



TEST NUMBER: P508385

CATALOG NUMBER: ASYX-X-L5-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°	103.2	103.2	112.6	112.6	112.6	112.6	122.0	112.6	103.2
95°	112.6	122.0	122.0	122.0	131.4	131.4	131.4	131.4	131.4
97.5°	122.0	122.0	131.4	131.4	131.4	140.8	140.8	140.8	140.8
100°	131.4	131.4	131.4	140.8	140.8	140.8	140.8	140.8	140.8
102.5°	131.4	131.4	131.4	140.8	140.8	140.8	140.8	140.8	140.8
105°	140.8	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4
107.5°	140.8	140.8	131.4	131.4	131.4	131.4	131.4	131.4	131.4
110°	150.2	140.8	131.4	131.4	131.4	131.4	131.4	131.4	122.0
112.5°	159.6	150.2	140.8	131.4	131.4	131.4	131.4	122.0	122.0
115°	168.9	159.6	150.2	150.2	140.8	140.8	140.8	131.4	131.4
117.5°	178.3	168.9	159.6	159.6	150.2	150.2	140.8	140.8	140.8
120°	187.7	187.7	178.3	168.9	168.9	159.6	159.6	150.2	150.2
122.5°	206.5	187.7	187.7	187.7	187.7	178.3	168.9	168.9	168.9
125°	215.9	206.5	206.5	206.5	197.1	197.1	187.7	178.3	178.3
127.5°	234.7	225.3	225.3	215.9	215.9	206.5	206.5	197.1	197.1
130°	253.4	244.0	234.7	234.7	234.7	225.3	225.3	215.9	215.9
132.5°	272.2	262.8	262.8	253.4	253.4	244.0	244.0	234.7	234.7
135°	300.4	281.6	281.6	281.6	272.2	262.8	262.8	262.8	253.4
137.5°	319.1	309.7	300.4	291.0	291.0	291.0	281.6	281.6	281.6
140°	366.1	337.9	328.5	319.1	319.1	309.7	309.7	309.7	309.7
142.5°	422.4	394.2	366.1	356.7	347.3	337.9	337.9	328.5	328.5
145°	516.2	469.3	431.8	422.4	403.6	384.8	384.8	375.4	375.4
147.5°	628.9	572.5	525.6	506.8	497.5	478.7	459.9	450.5	441.1
150°	788.4	704.0	657.0	638.2	619.5	581.9	563.2	553.8	553.8
152.5°	994.9	901.1	826.0	788.4	769.7	732.1	704.0	694.6	704.0
155°	1248.3	1135.7	1060.6	1013.7	976.1	929.2	910.4	901.1	882.3
157.5°	1605.0	1454.8	1342.2	1304.7	1257.7	1210.8	1182.6	1154.5	1135.7
160°	1989.8	1820.9	1717.6	1670.7	1614.4	1539.3	1501.8	1464.2	1445.4
162.5°	2412.2	2271.4	2149.4	2074.3	2046.2	1952.3	1914.7	1867.8	1877.2
165°	2881.5	2731.3	2637.5	2581.2	2506.1	2459.1	2431.0	2365.3	2337.1
167.5°	3379.0	3210.0	3163.1	3088.0	3022.3	2956.6	2956.6	2928.4	2900.3
170°	3754.4	3716.9	3660.5	3576.1	3566.7	3519.8	3519.8	3491.6	3501.0
172.5°	4111.1	4054.8	4054.8	4026.6	3998.4	3979.7	3932.7	3951.5	3951.5
175°	4467.7	4439.6	4420.8	4345.7	4364.5	4364.5	4336.3	4336.3	4355.1
177.5°	4758.7	4758.7	4739.9	4730.6	4721.2	4730.6	4739.9	4749.3	4730.6
180°	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5	4899.5

(END OF REPORT)