

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1445051

Luminaire Tested: XAS300-SFPM (3000K-240W-T3-HSS)

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445051
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA ()
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/5/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XAS300-SFPM (3000K-240W-T3-HSS)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 80% (240W)
OPTICS - TYPE 3 WITH HOUSE SIDE SHIELD
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 38376 (1 lamp)
Luminaire Lumens: 29959 lumens
Efficiency: 78.1%
Efficacy: 121.0 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type III - Short - Full Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 247.6
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: 28.75 FT

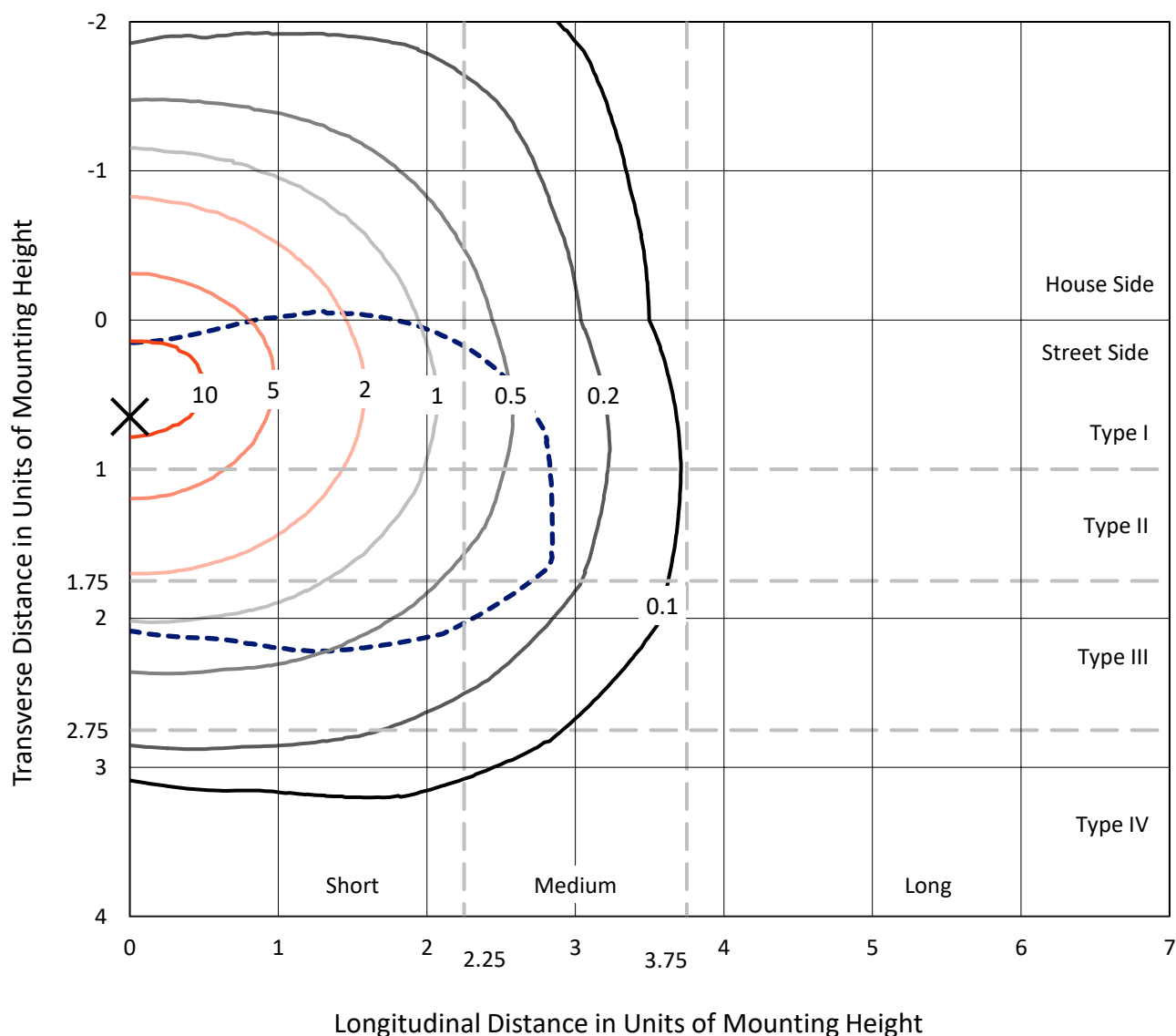
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

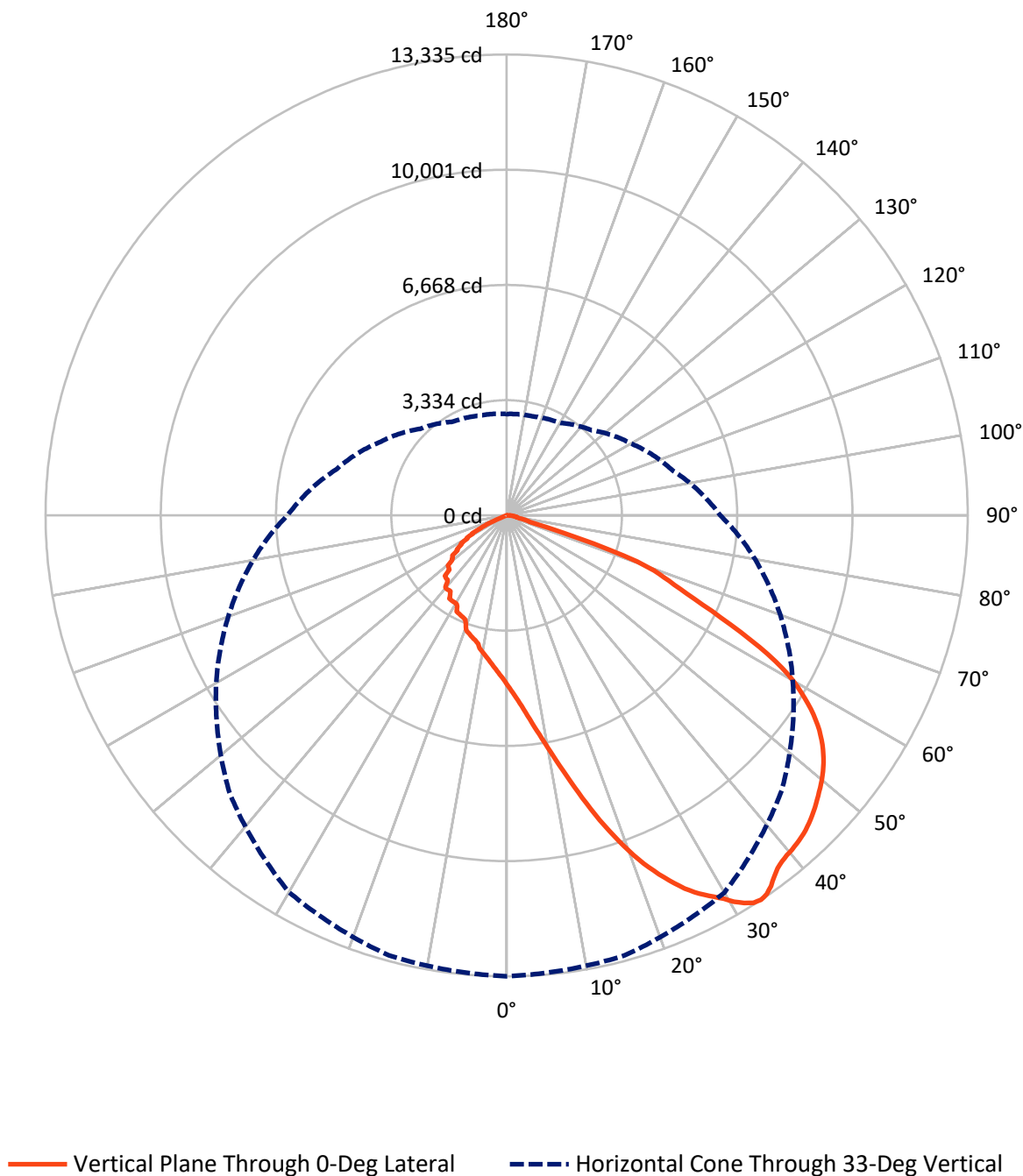


Based on 25 foot mounting height. Maximum calculated value = 14.1 fc
 Type III - Short - Full Cutoff

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Luminous Intensity Polar Plot



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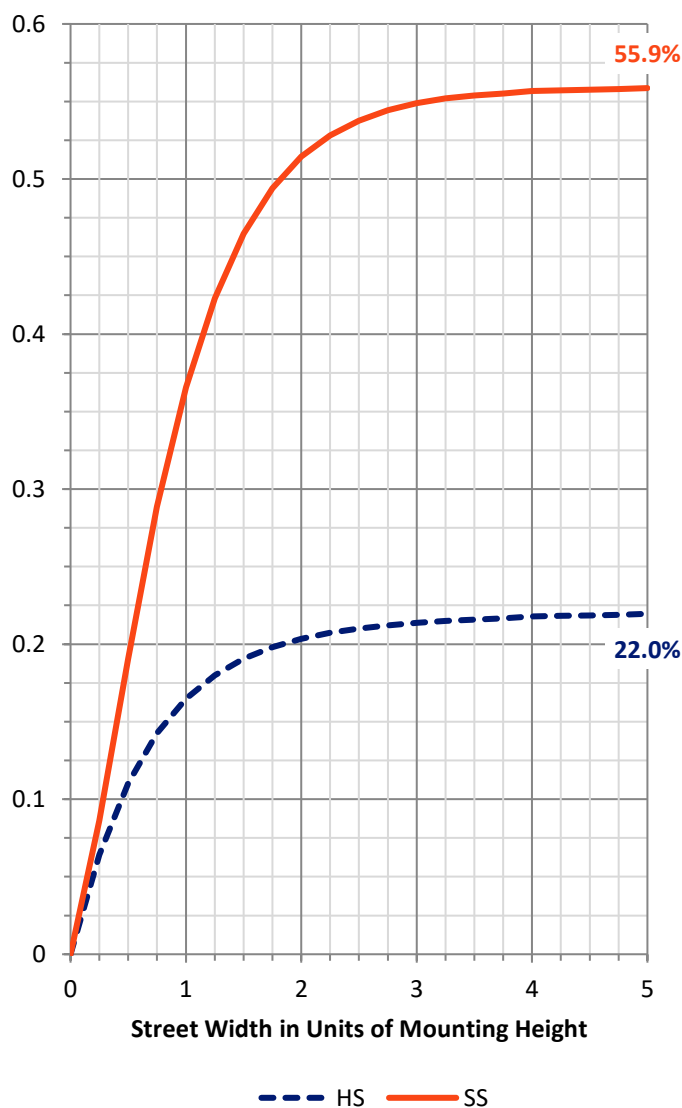
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8482.6	0.0	8482.6
	% Lamp	22.1	0.0	22.1
Street Side	Lumens	21476.4	0.0	21476.4
	% Lamp	56.0	0.0	56.0
Total	Lumens	29959.0	0.0	29959.0
	% Lamp	78.1	0.0	78.1

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	488.7	1.6	1.3
10°-20°	1645.7	5.5	4.3
20°-30°	3122.0	10.4	8.1
30°-40°	4599.6	15.4	12.0
40°-50°	5606.0	18.7	14.6
50°-60°	6132.2	20.5	16.0
60°-70°	5425.7	18.1	14.1
70°-80°	2687.8	9.0	7.0
80°-90°	251.5	0.8	0.7
90°-100°	0.0	0.0	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	29959.0	100.0	78.1
0°-180°	29959.0	100.0	78.1

Coefficient of Utilization



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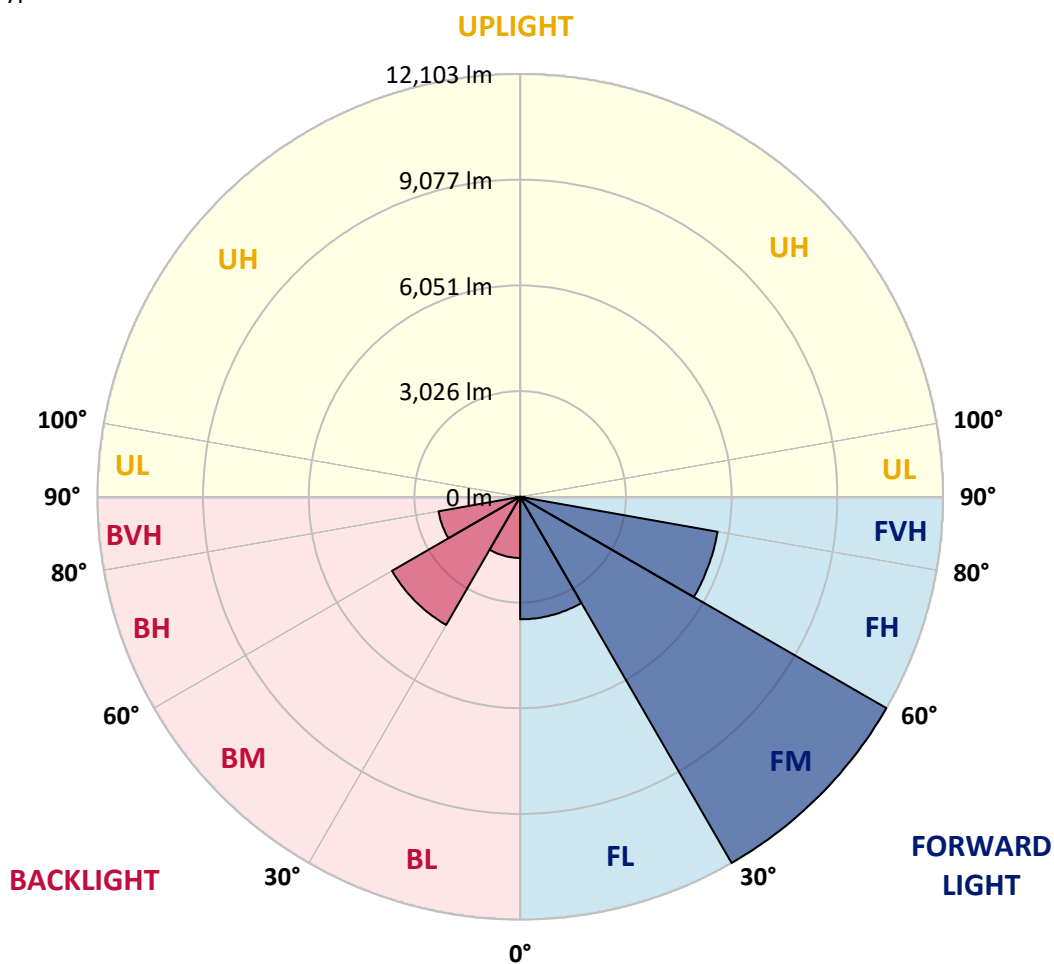
CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3506.2	9.1			
FM	(30°-60°)	12102.8	31.5			
FH	(60°-80°)	5739.7	15.0			G3/7500
FVH	(80°-90°)	127.6	0.3			G2/225
BL	(0°-30°)	1750.0	4.6	B3/2500		
BM	(30°-60°)	4235.0	11.0	B3/5000		
BH	(60°-80°)	2373.8	6.2	B3/2500		G3/2500
BVH	(80°-90°)	123.8	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		8417.0	21.9			

BUG Rating: B3-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4
1°	5058.7	5057.2	5045.4	5027.4	5002.7	4971.8	4924.3	4892.4	4862.5	4839.1	4821.7
2°	5203.0	5194.8	5166.4	5124.1	5069.2	5006.6	4924.7	4861.2	4804.2	4757.8	4723.6
3°	5359.1	5344.9	5298.5	5230.9	5142.2	5044.7	4929.5	4835.6	4752.8	4685.0	4635.1
4°	5535.0	5511.2	5446.0	5348.6	5224.8	5092.4	4940.7	4816.2	4705.5	4616.1	4553.8
5°	5727.2	5697.8	5607.3	5475.4	5317.8	5146.1	4958.2	4803.0	4664.2	4556.9	4478.3
6°	5938.0	5898.5	5785.7	5618.4	5417.0	5203.5	4976.6	4792.0	4628.3	4500.8	4404.8
7°	6164.2	6117.6	5978.0	5769.6	5523.2	5264.0	4998.4	4782.6	4595.3	4445.2	4337.4
8°	6407.9	6350.4	6184.0	5936.0	5637.0	5329.1	5023.0	4776.0	4564.4	4394.5	4276.3
9°	6670.3	6600.0	6406.7	6111.2	5759.6	5399.9	5051.8	4770.1	4533.4	4349.4	4218.2
10°	6949.4	6868.2	6639.4	6299.8	5888.1	5475.0	5081.3	4767.2	4502.3	4307.9	4163.5
11°	7249.9	7157.2	6895.2	6499.0	6025.3	5557.4	5114.7	4767.2	4475.1	4268.1	4112.6
12°	7571.9	7462.0	7163.8	6707.5	6169.2	5642.9	5138.7	4757.7	4452.1	4227.9	4067.2
13°	7917.5	7788.5	7442.1	6930.0	6325.3	5715.6	5161.8	4745.4	4418.9	4190.6	4023.9
14°	8274.3	8134.5	7736.9	7163.1	6487.2	5793.3	5194.5	4738.7	4388.0	4157.7	3960.7
15°	8646.6	8485.0	8043.2	7404.8	6638.3	5878.2	5230.0	4736.7	4358.4	4115.0	3875.5
16°	9026.8	8846.5	8355.4	7652.5	6799.1	5968.5	5277.4	4746.7	4334.7	4075.8	3835.9
17°	9408.6	9206.4	8674.7	7904.2	6962.6	6068.1	5318.7	4749.0	4318.9	4019.0	3805.5
18°	9778.6	9564.7	8987.8	8156.4	7124.5	6173.5	5365.6	4757.4	4298.6	3954.6	3777.9
19°	10143.2	9914.4	9299.3	8396.8	7298.7	6273.4	5420.5	4778.8	4287.1	3920.7	3754.8
20°	10492.9	10249.3	9600.6	8626.3	7468.6	6381.5	5481.0	4801.5	4283.6	3893.7	3729.9
21°	10823.9	10573.3	9887.9	8862.9	7648.4	6493.7	5542.6	4819.7	4283.3	3871.2	3701.2
22°	11127.6	10877.8	10163.5	9079.9	7814.4	6615.7	5593.8	4818.3	4271.9	3857.7	3669.2
23°	11422.7	11173.6	10435.1	9290.7	7989.3	6740.2	5623.3	4823.6	4248.4	3848.7	3641.5
24°	11695.9	11454.7	10695.9	9496.8	8160.3	6852.8	5662.4	4845.4	4221.5	3830.3	3503.3
25°	11958.2	11717.8	10948.0	9706.8	8325.8	6956.0	5718.8	4855.8	4203.8	3814.2	3398.5
26°	12180.7	11955.9	11194.7	9903.5	8496.7	7045.3	5777.3	4862.8	4185.1	3799.9	3375.5
27°	12375.9	12165.1	11428.9	10096.3	8666.9	7146.5	5814.7	4883.8	4187.6	3781.3	3359.5
28°	12554.6	12352.4	11645.9	10282.1	8835.6	7264.5	5869.3	4906.9	4191.6	3751.6	3342.6
29°	12744.3	12538.2	11838.0	10460.9	8989.3	7394.6	5934.9	4927.7	4188.3	3626.5	3319.5
30°	12968.4	12753.7	12035.5	10645.1	9135.3	7507.7	6007.4	4929.8	4169.6	3544.2	3296.2
31°	13151.8	12947.3	12242.4	10845.0	9257.1	7618.0	6076.2	4936.8	4167.3	3513.1	3281.1
32°	13288.5	13099.5	12434.4	11052.6	9393.7	7728.8	6129.9	4958.8	4170.0	3492.8	3262.9
33°	13335.3	13179.2	12596.8	11250.2	9557.7	7852.7	6178.9	4982.9	4157.0	3484.2	3089.5
34°	13290.8	13159.7	12685.8	11428.1	9724.0	7989.3	6242.1	4995.5	4152.9	3481.1	3053.8
35°	13167.5	13059.0	12673.3	11555.4	9880.9	8127.5	6317.6	5015.9	4156.4	3477.9	3039.2
36°	13009.0	12920.0	12587.4	11631.1	10022.2	8258.6	6392.7	5051.8	4152.4	3465.1	3031.5
37°	12867.7	12767.0	12469.5	11632.7	10108.0	8359.4	6446.3	5071.5	4148.1	3451.6	3035.8
38°	12789.6	12665.5	12352.4	11586.6	10155.7	8446.8	6499.3	5088.2	4132.1	3420.6	3038.3
39°	12744.3	12612.4	12271.3	11531.2	10161.9	8517.8	6577.0	5106.4	4023.3	3302.6	3031.9
40°	12710.8	12576.5	12226.0	11489.8	10139.3	8560.0	6646.8	5121.2	3965.6	3309.6	2997.2
41°	12671.7	12547.6	12197.1	11465.6	10133.8	8584.2	6695.8	5146.1	3983.8	3331.8	2878.1
42°	12621.8	12516.4	12170.6	11446.1	10149.4	8606.0	6725.7	5153.5	4008.2	3339.1	2882.8
43°	12558.5	12478.1	12142.5	11438.3	10170.5	8633.4	6742.1	5171.3	4012.7	3337.7	2877.5
44°	12481.3	12431.3	12109.7	11439.9	10197.8	8656.8	6749.7	5178.6	3999.9	3350.6	2849.4

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	12388.4	12372.0	12067.5	11438.3	10229.8	8691.1	6765.8	5208.4	4015.0	3361.8	2830.0
46°	12286.1	12298.6	12018.3	11425.0	10254.8	8737.2	6787.6	5207.0	4035.5	3329.1	2736.5
47°	12178.4	12222.1	11961.3	11406.3	10275.1	8787.2	6795.9	5150.7	4033.0	3191.3	2627.8
48°	12066.7	12138.5	11897.3	11390.7	10296.2	8830.9	6831.4	5148.9	4046.3	3175.2	2626.9
49°	11955.9	12048.8	11822.4	11365.7	10320.4	8864.4	6871.5	5172.0	3984.2	3183.2	2617.7
50°	11838.0	11955.1	11741.2	11323.5	10331.3	8893.3	6908.0	5196.6	3904.8	3179.9	2605.7
51°	11704.5	11846.6	11649.9	11273.6	10345.4	8919.1	6939.0	5198.8	3907.6	3162.9	2462.2
52°	11553.0	11721.7	11548.4	11217.4	10362.5	8932.4	6950.1	5211.8	3889.9	3090.7	2430.4
53°	11385.2	11579.6	11439.1	11158.0	10368.0	8936.3	6906.5	5235.0	3914.5	2998.5	2440.4
54°	11193.2	11407.1	11319.6	11089.3	10356.3	8943.3	6858.1	5210.6	3926.4	3003.9	2446.7
55°	10974.6	11206.4	11192.4	11006.6	10327.4	8936.3	6841.4	5205.8	3926.3	3000.2	2357.8
56°	10720.9	10973.0	11045.6	10912.1	10288.4	8915.2	6831.7	5194.1	3908.4	2979.8	2290.5
57°	10435.1	10707.6	10875.4	10809.1	10243.1	8894.9	6817.3	5183.5	3855.2	2841.3	2292.0
58°	10113.5	10407.8	10676.4	10697.4	10185.3	8883.2	6772.9	5134.7	3828.4	2866.7	2239.3
59°	9762.2	10077.6	10461.7	10569.4	10122.1	8862.9	6735.4	5085.0	3829.9	2903.2	2130.2
60°	9357.8	9713.8	10212.6	10423.4	10042.5	8830.9	6690.1	5067.1	3827.8	2933.1	2135.4
61°	8850.4	9288.3	9937.9	10249.3	9941.0	8777.0	6636.4	5020.9	3811.6	2835.2	2029.3
62°	8247.7	8787.2	9623.2	10047.1	9826.2	8703.6	6548.3	4975.6	3766.5	2825.1	2007.8
63°	7563.5	8215.7	9269.6	9813.7	9691.9	8588.9	6449.3	4914.7	3771.8	2836.1	1963.9
64°	6865.6	7605.9	8866.0	9557.7	9534.3	8435.9	6327.9	4835.8	3747.8	2780.9	1881.9
65°	6230.3	7003.1	8424.9	9274.3	9358.6	8254.0	6210.9	4785.9	3662.5	2787.0	1814.1
66°	5679.7	6415.7	7953.4	8947.2	9154.1	8090.8	6059.2	4702.8	3653.6	2739.2	1783.6
67°	5246.8	5881.7	7474.2	8590.4	8921.4	7906.6	5884.0	4601.2	3685.3	2732.7	1684.5
68°	4898.8	5417.3	6993.8	8187.6	8652.1	7684.2	5625.9	4474.8	3716.9	2738.0	1612.4
69°	4552.6	5017.7	6506.2	7752.2	8330.5	7417.3	5369.9	4321.1	3682.8	2727.4	1540.3
70°	4013.4	4606.0	6024.9	7300.6	7965.9	7076.1	4975.5	4099.8	3598.5	2738.9	1468.9
71°	3157.5	4070.5	5555.7	6840.8	7569.6	6635.1	4454.7	3796.7	3533.0	2733.0	1443.7
72°	2146.3	3329.5	5082.9	6382.9	7141.6	6144.1	3944.4	3476.7	3461.2	2793.8	1433.8
73°	1254.5	2430.9	4570.2	5917.4	6676.4	5549.3	3466.8	3194.2	3317.9	2768.1	1389.7
74°	708.4	1555.4	4008.5	5442.9	6150.9	4903.2	3026.3	2959.7	3169.4	2760.7	1395.7
75°	590.9	914.3	3382.1	4923.3	5572.1	4203.6	2501.3	2715.3	3035.5	2737.4	1367.1
76°	488.4	741.6	2684.7	4325.2	4907.3	3459.4	1759.1	2364.9	2923.0	2671.3	1298.6
77°	385.8	571.8	2024.6	3580.2	4159.4	2566.2	1018.8	1769.4	2818.7	2534.2	1195.2
78°	344.6	402.1	1517.3	2664.5	3318.3	1635.3	471.0	1173.9	2732.6	2311.9	1058.4
79°	317.0	354.7	1109.7	1697.4	2473.8	856.5	235.0	580.8	2477.7	1933.2	917.4
80°	292.1	318.4	799.6	919.1	1657.7	646.1	202.3	432.6	1837.3	1554.5	806.2
81°	268.7	286.3	639.7	715.7	937.7	437.4	169.6	284.3	1197.0	1178.1	823.6
82°	246.3	258.7	481.9	531.7	695.5	228.6	136.9	138.1	561.2	965.0	773.7
83°	223.6	234.8	324.1	347.7	459.6	189.3	117.0	109.6	421.6	823.3	619.5
84°	200.1	209.7	273.8	305.2	223.8	161.4	97.6	86.0	282.0	651.4	426.2
85°	176.6	184.4	218.2	266.2	176.1	133.4	78.8	66.7	143.0	463.8	281.6
86°	152.2	159.8	171.3	226.8	140.9	104.7	60.6	50.5	120.0	371.7	200.0
87°	127.1	136.5	141.3	182.7	110.7	78.7	43.2	37.1	93.9	279.6	118.6
88°	104.2	113.0	113.3	130.7	84.4	59.2	30.5	26.5	61.3	187.5	72.2
89°	85.9	89.5	85.7	77.0	64.8	39.8	17.8	15.8	42.4	95.5	49.3

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445051

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1445051
CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445051

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4	4931.4
1°	4812.4	4810.8	4819.0	4835.4	4857.0	4885.8	4916.2	4934.7	4964.2	4993.2	5019.0
2°	4705.0	4700.3	4713.1	4741.4	4781.6	4834.3	4893.3	4945.3	5006.3	5067.8	5121.9
3°	4606.3	4599.0	4614.7	4652.7	4710.6	4786.3	4874.3	4958.3	5052.7	5147.1	5233.7
4°	4516.0	4505.8	4525.8	4571.5	4645.2	4742.7	4857.6	4976.6	5105.1	5234.4	5354.0
5°	4430.7	4418.0	4441.0	4496.5	4584.7	4702.7	4844.3	4995.9	5158.6	5329.0	5486.7
6°	4349.2	4334.6	4359.3	4422.1	4526.4	4664.8	4834.0	5018.9	5216.7	5427.8	5628.6
7°	4273.0	4256.6	4283.6	4354.2	4468.1	4629.7	4825.1	5043.9	5279.9	5535.4	5779.2
8°	4203.3	4182.7	4212.9	4293.2	4416.5	4594.9	4817.6	5069.7	5346.7	5649.0	5940.0
9°	4134.7	4110.0	4143.8	4233.0	4370.6	4560.2	4810.2	5098.4	5416.6	5769.4	6113.8
10°	4070.0	4043.4	4079.4	4174.5	4326.4	4527.4	4806.6	5129.6	5491.2	5896.1	6297.8
11°	4012.9	3983.5	4018.9	4121.2	4283.4	4499.6	4805.8	5167.4	5571.4	6031.8	6494.7
12°	3961.9	3919.1	3963.4	4071.9	4243.0	4477.7	4794.1	5191.6	5656.6	6174.4	6701.8
13°	3866.6	3801.8	3869.0	4024.9	4202.9	4443.1	4787.7	5222.1	5729.2	6328.8	6923.2
14°	3791.4	3752.3	3792.1	3962.4	4168.0	4413.7	4781.1	5249.8	5807.6	6484.9	7153.1
15°	3751.9	3709.6	3749.8	3870.9	4125.1	4387.0	4781.4	5288.1	5889.0	6634.8	7398.4
16°	3714.4	3670.1	3711.2	3832.8	4088.3	4367.7	4785.3	5335.8	5979.7	6794.2	7648.6
17°	3681.6	3633.2	3678.4	3801.8	4040.9	4347.5	4793.1	5378.6	6085.5	6958.4	7908.9
18°	3646.2	3591.8	3642.3	3774.7	3978.3	4332.8	4806.5	5427.7	6179.8	7132.0	8158.7
19°	3610.6	3552.6	3607.8	3753.6	3937.7	4329.0	4829.4	5489.3	6286.7	7307.1	8403.1
20°	3574.7	3509.4	3575.1	3729.1	3912.8	4331.0	4853.4	5553.8	6394.2	7491.7	8647.4
21°	3534.2	3360.8	3538.8	3699.6	3896.7	4331.2	4869.9	5611.6	6515.6	7671.7	8879.3
22°	3352.1	3251.8	3367.2	3671.9	3887.0	4322.0	4874.9	5662.7	6640.5	7852.7	9101.0
23°	3281.3	3221.5	3296.1	3650.2	3878.2	4306.4	4890.9	5700.1	6761.7	8034.6	9321.9
24°	3255.3	3200.4	3273.2	3512.9	3861.6	4291.4	4920.1	5748.3	6874.4	8213.4	9539.7
25°	3238.7	3182.9	3257.4	3420.7	3845.8	4278.6	4932.4	5814.1	6974.2	8393.7	9741.9
26°	3223.2	3164.5	3243.7	3406.3	3836.3	4258.0	4949.6	5870.9	7077.6	8571.7	9948.0
27°	3206.3	3151.0	3229.1	3394.1	3815.2	4266.9	4977.6	5920.5	7192.6	8748.9	10147.1
28°	3193.9	3134.7	3217.9	3376.2	3789.7	4273.4	5005.5	5983.6	7324.8	8914.4	10348.5
29°	3179.3	2997.0	3204.7	3354.8	3669.0	4261.9	5023.3	6058.5	7458.0	9076.0	10543.7
30°	3021.6	2940.4	3044.5	3336.6	3589.3	4246.0	5027.9	6135.3	7571.6	9225.9	10741.9
31°	2976.1	2934.4	3000.6	3320.7	3557.8	4245.8	5047.9	6205.7	7703.6	9375.0	10953.5
32°	2968.0	2934.6	2992.8	3301.8	3543.7	4249.4	5078.4	6263.3	7846.5	9535.8	11147.1
33°	2962.9	2933.3	2988.5	3128.4	3539.5	4234.8	5111.4	6336.5	8001.8	9697.4	11336.0
34°	2957.1	2927.3	2981.9	3093.4	3537.3	4233.5	5125.5	6423.0	8140.8	9860.6	11494.5
35°	2946.8	2921.4	2971.6	3078.5	3534.1	4233.7	5156.3	6508.3	8263.3	10013.6	11599.9
36°	2935.3	2810.4	2958.6	3073.0	3519.2	4228.9	5192.9	6590.3	8370.3	10116.6	11637.4
37°	2819.4	2731.2	2827.9	3077.8	3507.2	4221.9	5216.6	6646.2	8458.5	10172.8	11624.1
38°	2726.0	2732.9	2749.5	3078.3	3470.8	4207.6	5236.9	6706.1	8526.4	10186.9	11570.2
39°	2719.6	2740.8	2742.3	3077.5	3356.9	4103.2	5242.2	6769.9	8573.3	10174.4	11508.6
40°	2718.0	2744.2	2737.2	3034.8	3375.7	4049.9	5248.3	6811.8	8601.4	10167.4	11465.6
41°	2703.8	2731.5	2720.5	2927.4	3399.4	4066.2	5254.1	6841.8	8615.4	10174.4	11440.6
42°	2674.2	2580.6	2690.9	2931.6	3397.7	4087.3	5261.5	6868.8	8640.4	10189.2	11435.9
43°	2525.4	2529.1	2545.2	2919.9	3401.3	4074.2	5277.9	6891.2	8666.9	10210.3	11446.1
44°	2466.7	2525.2	2492.8	2892.3	3412.0	4066.2	5294.2	6907.1	8703.6	10234.5	11450.8

REPORT NUMBER: P1445051

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2461.7	2516.7	2488.7	2873.7	3423.0	4081.9	5322.5	6933.4	8746.6	10257.9	11447.7
46°	2453.2	2500.9	2477.7	2759.4	3373.1	4108.3	5302.3	6951.0	8791.1	10288.4	11444.5
47°	2430.5	2284.5	2459.2	2681.8	3248.3	4112.3	5251.1	6966.9	8828.5	10322.7	11434.4
48°	2242.6	2263.9	2273.5	2681.5	3238.7	4127.0	5260.0	7003.6	8860.5	10350.0	11414.9
49°	2231.8	2247.4	2269.6	2667.2	3247.4	4047.3	5285.4	7036.2	8894.1	10371.1	11379.7
50°	2230.0	2231.1	2270.2	2660.0	3239.3	3995.8	5305.7	7063.8	8923.8	10392.2	11334.5
51°	2227.5	2053.8	2270.6	2509.0	3225.6	4000.1	5308.6	7085.5	8939.4	10403.1	11287.6
52°	2092.0	1990.8	2126.1	2488.6	3117.3	3991.7	5320.9	7083.6	8944.8	10404.7	11237.7
53°	2049.8	1978.0	2090.0	2500.8	3067.8	4018.5	5336.2	7024.8	8951.1	10393.8	11176.8
54°	2037.6	1952.2	2077.2	2511.9	3075.4	4021.4	5316.0	6971.2	8941.7	10366.4	11106.5
55°	2011.0	1744.8	2040.3	2400.8	3075.0	4022.4	5311.3	6951.4	8917.5	10329.0	11032.3
56°	1842.2	1743.6	1882.0	2356.8	3053.7	4016.8	5293.1	6938.0	8889.4	10289.2	10944.1
57°	1845.6	1642.1	1887.8	2357.8	2932.0	3947.4	5280.1	6918.2	8869.1	10237.6	10836.4
58°	1730.2	1542.0	1761.9	2281.3	2965.0	3937.7	5207.7	6868.5	8843.4	10174.4	10706.8
59°	1662.7	1546.1	1707.2	2207.0	3005.6	3938.1	5178.5	6821.0	8809.0	10100.2	10557.7
60°	1605.0	1322.1	1651.7	2220.3	3032.3	3932.4	5136.1	6759.7	8755.9	10008.1	10393.8
61°	1547.3	1324.9	1596.1	2104.0	2938.2	3903.9	5082.8	6708.7	8688.0	9904.3	10215.8
62°	1485.6	1123.1	1537.8	2094.5	2933.9	3857.3	5023.1	6623.5	8575.6	9777.8	10017.5
63°	1292.4	1115.3	1342.6	2035.7	2926.7	3854.0	4952.9	6520.8	8430.4	9629.5	9790.3
64°	1279.9	871.4	1316.0	1973.1	2890.7	3816.4	4876.7	6392.3	8253.2	9460.1	9528.8
65°	1085.7	772.0	1128.3	1894.7	2902.1	3721.7	4800.2	6264.2	8086.9	9267.3	9229.8
66°	943.4	624.9	972.2	1881.9	2854.6	3735.7	4706.5	6077.7	7900.3	9049.5	8901.9
67°	858.4	416.1	849.5	1783.1	2846.9	3759.1	4585.9	5875.4	7683.2	8805.1	8538.1
68°	679.0	207.4	700.8	1702.7	2839.0	3772.6	4434.8	5574.0	7434.6	8521.7	8157.2
69°	451.5	0.5	471.6	1622.4	2828.8	3693.6	4257.8	5244.2	7124.7	8201.7	7745.7
70°	437.4	0.4	453.7	1543.8	2842.4	3590.0	3986.3	4763.3	6748.6	7836.3	7298.5
71°	436.5	0.4	437.8	1521.4	2829.0	3493.0	3637.1	4204.7	6260.4	7435.6	6817.2
72°	415.3	0.4	405.2	1502.4	2883.5	3393.4	3310.2	3691.4	5734.9	7002.1	6344.2
73°	373.3	0.4	346.3	1443.9	2837.2	3234.7	3061.5	3228.9	5097.7	6505.9	5860.0
74°	321.5	0.4	274.7	1421.8	2771.9	3089.0	2841.6	2740.1	4418.6	5935.1	5367.3
75°	257.9	0.4	226.9	1363.6	2705.0	2977.5	2505.5	2080.8	3710.8	5289.7	4824.0
76°	193.9	0.4	209.8	1275.8	2561.6	2872.1	1898.7	1287.4	2928.0	4587.1	4223.5
77°	147.4	0.4	233.6	1160.9	2351.2	2761.8	1291.9	620.6	2020.9	3811.0	3459.2
78°	159.3	0.5	267.0	1025.8	2082.2	2527.6	691.8	407.4	1146.4	2973.6	2480.3
79°	220.1	0.6	215.2	914.5	1759.1	1909.1	289.3	205.9	842.6	2158.5	1504.1
80°	231.0	0.6	163.5	855.1	1436.1	1290.7	216.3	174.5	545.4	1395.7	767.0
81°	185.2	0.7	111.8	800.0	1117.4	672.4	144.6	151.9	248.1	762.3	615.3
82°	139.4	0.9	59.4	682.4	933.4	496.6	116.1	131.1	206.2	567.7	479.8
83°	93.7	1.0	31.3	440.7	722.9	320.9	94.2	111.5	177.5	387.5	344.2
84°	54.6	1.1	24.9	317.8	473.8	146.2	76.4	92.2	150.9	207.4	302.3
85°	33.1	1.3	18.5	194.9	338.6	121.1	60.4	73.6	124.0	163.2	263.1
86°	25.5	1.4	12.2	75.2	203.4	97.0	46.0	55.2	96.8	129.8	222.7
87°	17.9	1.6	10.3	44.0	69.4	71.8	33.5	36.9	72.6	101.3	177.0
88°	10.4	1.8	8.4	30.5	47.6	49.4	23.7	21.6	52.6	76.4	120.6
89°	6.5	2.1	5.8	17.0	25.8	26.9	13.9	9.5	32.6	59.5	68.0

REPORT NUMBER: P1445051

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445051

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1445051
CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445051

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	4931.4	4931.4	4931.4
1°	5040.2	5052.4	5058.7
2°	5165.7	5193.1	5203.0
3°	5301.6	5345.4	5359.1
4°	5451.2	5514.9	5535.0
5°	5615.4	5699.9	5727.2
6°	5792.1	5903.1	5938.0
7°	5985.0	6119.3	6164.2
8°	6186.5	6351.9	6407.9
9°	6407.7	6601.8	6670.3
10°	6639.7	6870.1	6949.4
11°	6889.5	7157.6	7249.9
12°	7153.9	7460.3	7571.9
13°	7435.1	7787.0	7917.5
14°	7728.1	8129.1	8274.3
15°	8036.2	8481.9	8646.6
16°	8352.3	8845.7	9026.8
17°	8682.5	9215.7	9408.6
18°	9003.4	9581.9	9778.6
19°	9317.2	9930.8	10143.2
20°	9623.2	10267.3	10492.9
21°	9919.1	10588.1	10823.9
22°	10195.5	10885.6	11127.6
23°	10463.2	11179.9	11422.7
24°	10720.9	11465.6	11695.9
25°	10976.9	11733.4	11958.2
26°	11230.6	11982.4	12180.7
27°	11469.5	12194.8	12375.9
28°	11680.3	12379.0	12554.6
29°	11875.5	12566.4	12744.3
30°	12073.8	12777.1	12968.4
31°	12280.6	12970.7	13151.8
32°	12464.1	13110.5	13288.5
33°	12587.4	13176.0	13335.3
34°	12642.9	13159.7	13290.8
35°	12621.0	13059.0	13167.5
36°	12550.7	12913.7	13009.0
37°	12437.5	12763.9	12867.7
38°	12331.4	12667.1	12789.6
39°	12261.9	12612.4	12744.3
40°	12218.2	12582.0	12710.8
41°	12190.1	12556.2	12671.7
42°	12159.6	12526.5	12621.8
43°	12129.2	12493.0	12558.5
44°	12098.7	12448.5	12481.3

REPORT NUMBER: P1445051

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	12062.0	12387.6	12388.4
46°	12020.7	12311.9	12286.1
47°	11974.6	12229.1	12178.4
48°	11918.4	12139.3	12066.7
49°	11845.8	12048.8	11955.9
50°	11758.4	11955.1	11838.0
51°	11663.1	11851.3	11704.5
52°	11556.2	11731.0	11553.0
53°	11445.3	11585.1	11385.2
54°	11329.8	11412.5	11193.2
55°	11207.2	11208.8	10974.6
56°	11063.6	10976.9	10720.9
57°	10894.9	10718.5	10435.1
58°	10691.2	10412.5	10113.5
59°	10466.4	10080.7	9762.2
60°	10214.2	9720.8	9357.8
61°	9926.9	9312.5	8850.4
62°	9609.2	8818.4	8247.7
63°	9257.9	8247.7	7563.5
64°	8877.7	7625.9	6865.6
65°	8448.3	7010.6	6230.3
66°	7984.6	6437.6	5679.7
67°	7505.6	5923.3	5246.8
68°	7011.5	5456.3	4898.8
69°	6543.4	5039.7	4552.6
70°	6097.0	4628.1	4013.4
71°	5633.9	4120.0	3157.5
72°	5128.7	3411.3	2146.3
73°	4622.4	2517.5	1254.5
74°	4089.2	1668.6	708.4
75°	3414.3	1015.3	590.9
76°	2688.6	815.1	488.4
77°	2056.2	616.5	385.8
78°	1553.6	417.9	344.6
79°	1147.5	361.7	317.0
80°	774.6	323.0	292.1
81°	623.7	290.0	268.7
82°	474.6	262.3	246.3
83°	325.5	240.2	223.6
84°	272.6	214.0	200.1
85°	215.7	186.3	176.6
86°	172.3	160.8	152.2
87°	140.8	136.5	127.1
88°	111.6	112.8	104.2
89°	83.0	89.1	85.9

REPORT NUMBER: P1445051

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	0.0	0.0	0.0
91°	0.0	0.0	0.0
92°	0.0	0.0	0.0
93°	0.0	0.0	0.0
94°	0.0	0.0	0.0
95°	0.0	0.0	0.0
96°	0.0	0.0	0.0
97°	0.0	0.0	0.0
98°	0.0	0.0	0.0
99°	0.0	0.0	0.0
100°	0.0	0.0	0.0
101°	0.0	0.0	0.0
102°	0.0	0.0	0.0
103°	0.0	0.0	0.0
104°	0.0	0.0	0.0
105°	0.0	0.0	0.0
106°	0.0	0.0	0.0
107°	0.0	0.0	0.0
108°	0.0	0.0	0.0
109°	0.0	0.0	0.0
110°	0.0	0.0	0.0
111°	0.0	0.0	0.0
112°	0.0	0.0	0.0
113°	0.0	0.0	0.0
114°	0.0	0.0	0.0
115°	0.0	0.0	0.0
116°	0.0	0.0	0.0
117°	0.0	0.0	0.0
118°	0.0	0.0	0.0
119°	0.0	0.0	0.0
120°	0.0	0.0	0.0
121°	0.0	0.0	0.0
122°	0.0	0.0	0.0
123°	0.0	0.0	0.0
124°	0.0	0.0	0.0
125°	0.0	0.0	0.0
126°	0.0	0.0	0.0
127°	0.0	0.0	0.0
128°	0.0	0.0	0.0
129°	0.0	0.0	0.0
130°	0.0	0.0	0.0
131°	0.0	0.0	0.0
132°	0.0	0.0	0.0
133°	0.0	0.0	0.0
134°	0.0	0.0	0.0

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CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	0.0	0.0	0.0
136°	0.0	0.0	0.0
137°	0.0	0.0	0.0
138°	0.0	0.0	0.0
139°	0.0	0.0	0.0
140°	0.0	0.0	0.0
141°	0.0	0.0	0.0
142°	0.0	0.0	0.0
143°	0.0	0.0	0.0
144°	0.0	0.0	0.0
145°	0.0	0.0	0.0
146°	0.0	0.0	0.0
147°	0.0	0.0	0.0
148°	0.0	0.0	0.0
149°	0.0	0.0	0.0
150°	0.0	0.0	0.0
151°	0.0	0.0	0.0
152°	0.0	0.0	0.0
153°	0.0	0.0	0.0
154°	0.0	0.0	0.0
155°	0.0	0.0	0.0
156°	0.0	0.0	0.0
157°	0.0	0.0	0.0
158°	0.0	0.0	0.0
159°	0.0	0.0	0.0
160°	0.0	0.0	0.0
161°	0.0	0.0	0.0
162°	0.0	0.0	0.0
163°	0.0	0.0	0.0
164°	0.0	0.0	0.0
165°	0.0	0.0	0.0
166°	0.0	0.0	0.0
167°	0.0	0.0	0.0
168°	0.0	0.0	0.0
169°	0.0	0.0	0.0
170°	0.0	0.0	0.0
171°	0.0	0.0	0.0
172°	0.0	0.0	0.0
173°	0.0	0.0	0.0
174°	0.0	0.0	0.0
175°	0.0	0.0	0.0
176°	0.0	0.0	0.0
177°	0.0	0.0	0.0
178°	0.0	0.0	0.0
179°	0.0	0.0	0.0

REPORT NUMBER: P1445051

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)