

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: P1445090

Luminaire Tested: XAS300-SFPM (5000K-120W-T5)

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445090
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 (5000K-120W-T5)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 40% (120W)
OPTICS - TYPE 5
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 45535 (1 lamp)
Luminaire Lumens: 21048 lumens
Efficiency: 46.2%
Efficacy: 166.9 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B4 - U0 - G2

Input Watts (W): 126.1
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: 28.75 FT

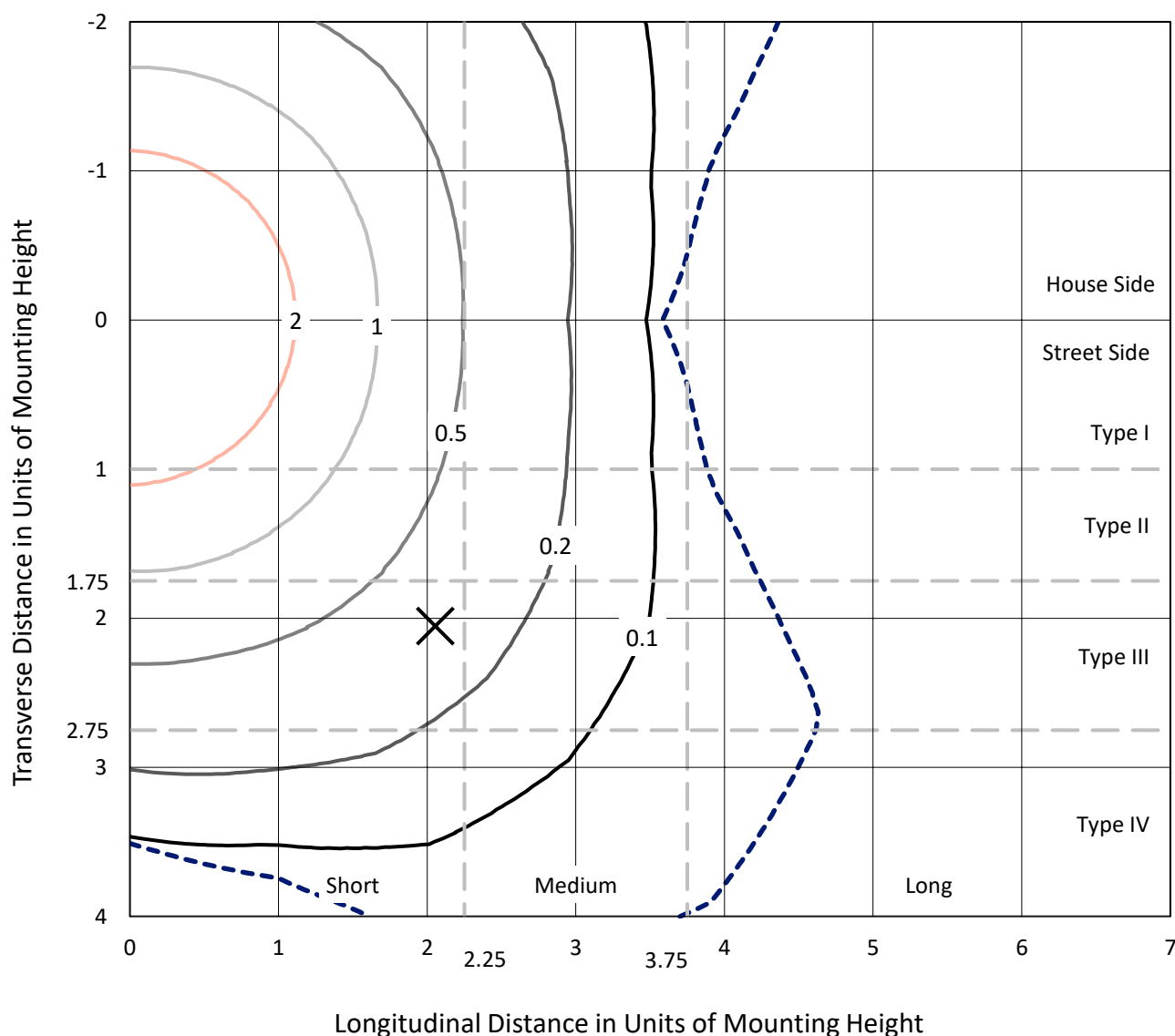
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

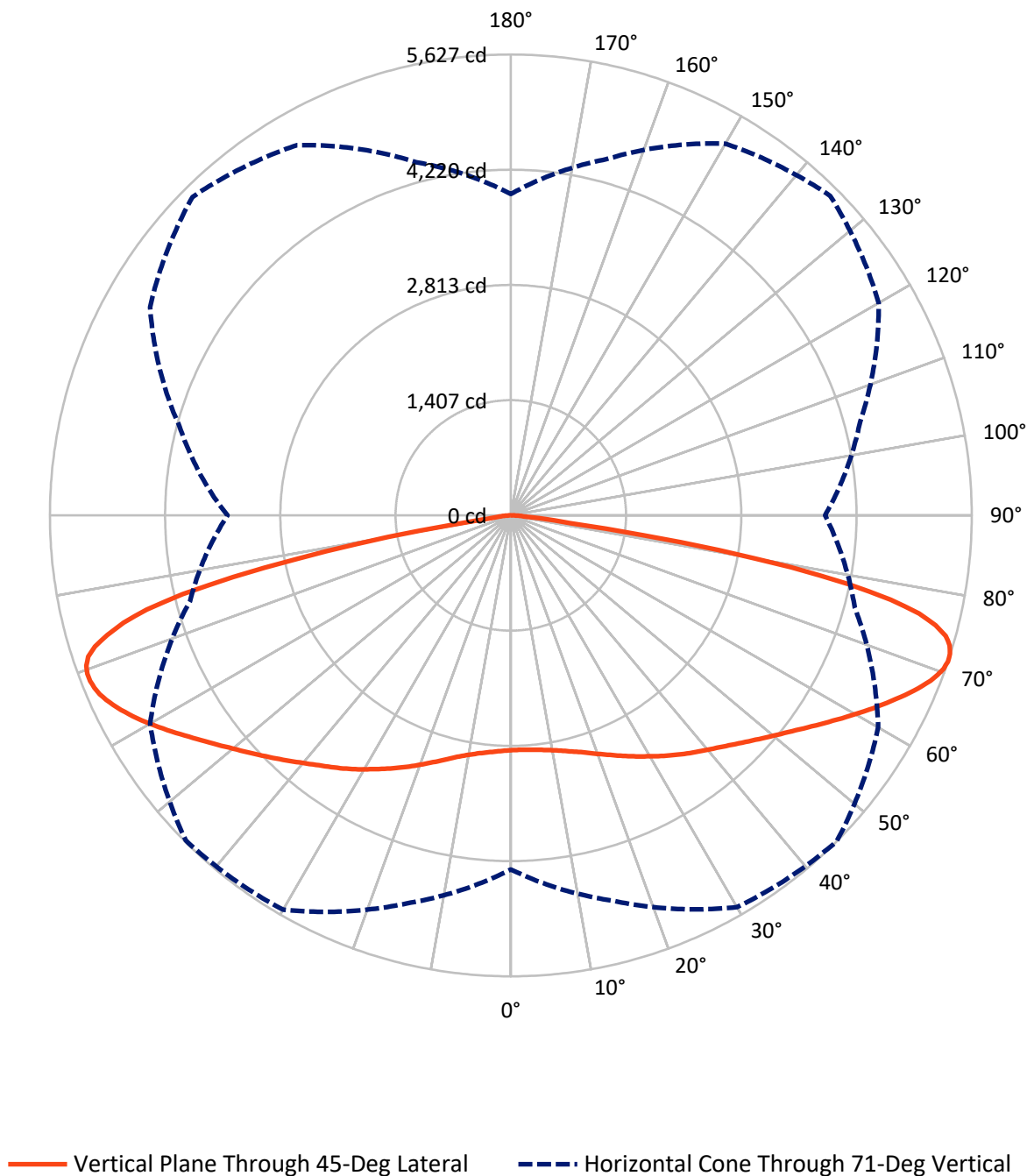


Based on 25 foot mounting height. Maximum calculated value = 4.6 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



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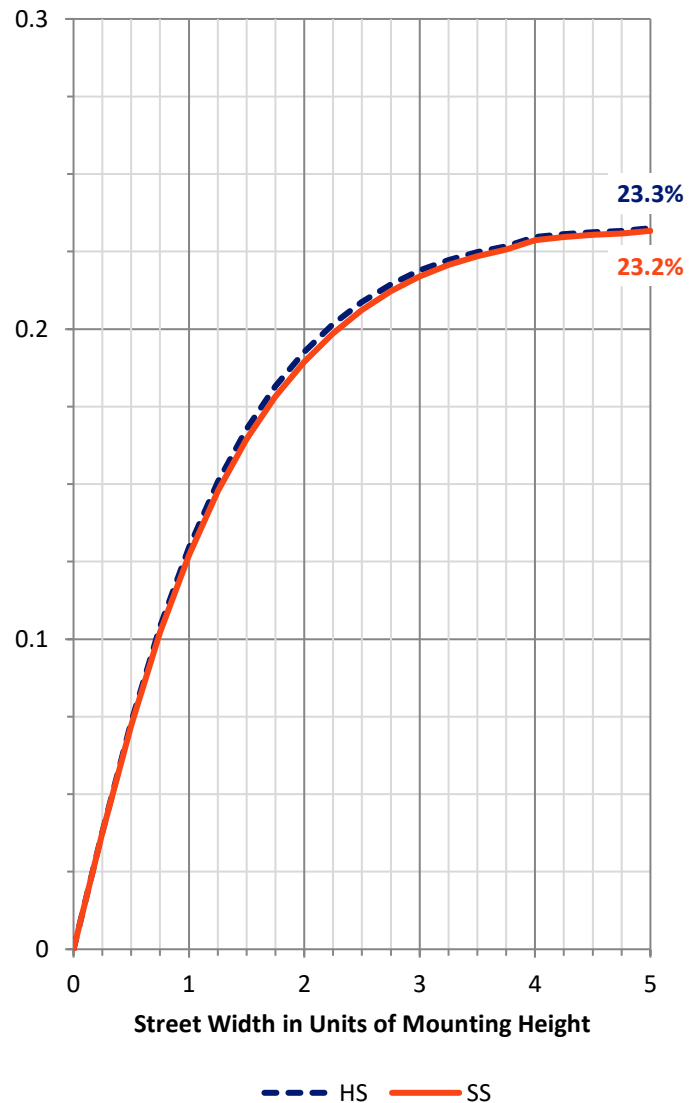
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10526.3	0.0	10526.3
	% Lamp	23.1	0.0	23.1
Street Side	Lumens	10521.7	0.0	10521.7
	% Lamp	23.1	0.0	23.1
Total	Lumens	21048.0	0.0	21048.0
	% Lamp	46.2	0.0	46.2

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	276.8	1.3	0.6
10°-20°	863.9	4.1	1.9
20°-30°	1539.6	7.3	3.4
30°-40°	2303.9	10.9	5.1
40°-50°	3153.8	15.0	6.9
50°-60°	4112.4	19.5	9.0
60°-70°	4958.0	23.6	10.9
70°-80°	3623.5	17.2	8.0
80°-90°	216.2	1.0	0.5
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°	21048.0	100.0	46.2
0°-180°	21048.0	100.0	46.2

Coefficient of Utilization



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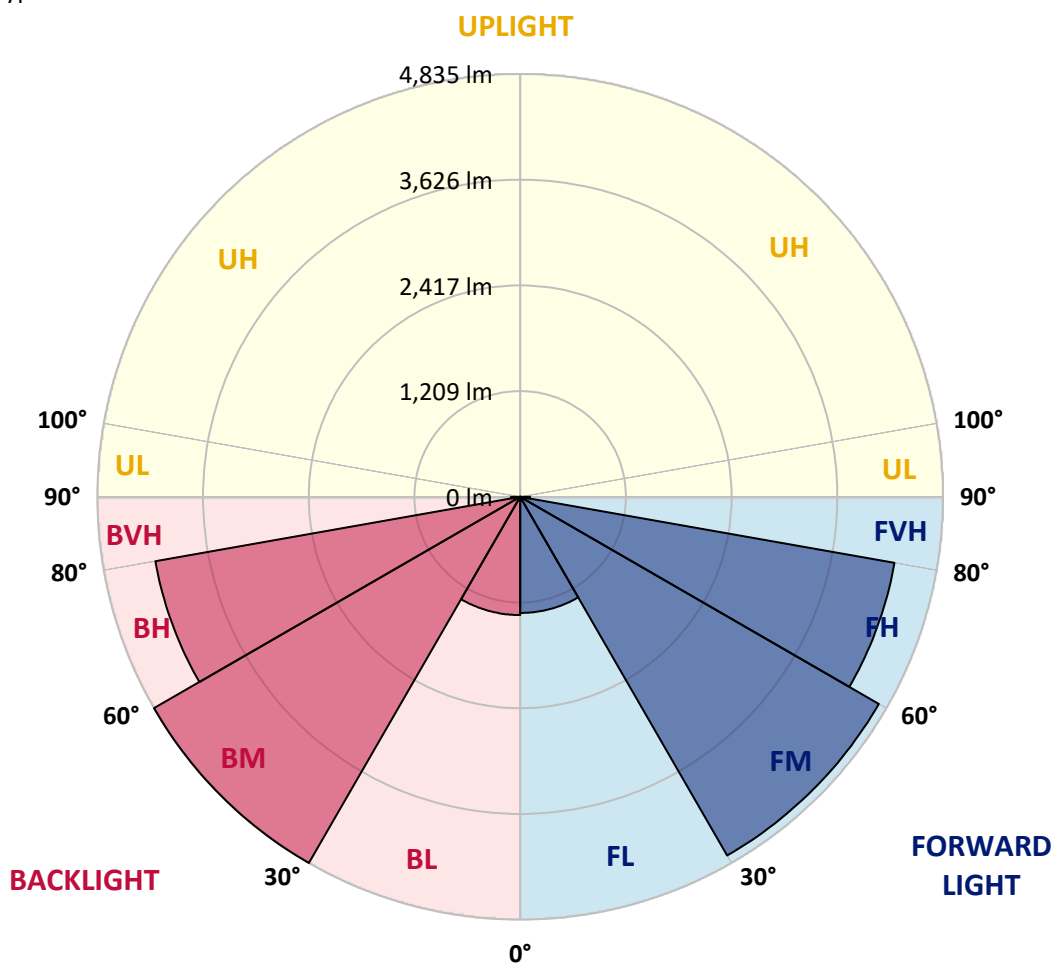
CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1328.1	2.9			
FM	(30°-60°)	4735.3	10.4			
FH	(60°-80°)	4345.9	9.5			G2/5000
FVH	(80°-90°)	112.5	0.2			G2/225
BL	(0°-30°)	1352.3	3.0	B3/2500		
BM	(30°-60°)	4834.8	10.6	B3/5000		
BH	(60°-80°)	4235.6	9.3	B4/5000		G2/5000
BVH	(80°-90°)	103.7	0.2			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		24487.0	53.8			

BUG Rating: B4-U0-G2

Type V Short



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CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0
1°	2864.5	2863.7	2863.9	2864.3	2864.8	2865.9	2863.5	2863.5	2864.0	2864.8	2865.1
2°	2864.3	2863.7	2863.7	2864.3	2865.2	2866.0	2864.0	2864.5	2865.5	2867.0	2867.7
3°	2866.0	2864.6	2865.0	2865.2	2867.1	2868.6	2866.6	2867.6	2869.1	2870.8	2871.9
4°	2867.9	2866.9	2867.5	2868.9	2870.7	2872.4	2870.7	2871.9	2874.3	2876.1	2877.2
5°	2870.7	2869.9	2871.2	2873.0	2876.2	2878.9	2877.4	2878.8	2880.4	2882.6	2884.9
6°	2875.4	2873.9	2876.2	2879.1	2883.5	2886.7	2885.5	2886.7	2888.1	2890.1	2893.1
7°	2880.8	2880.2	2882.2	2887.0	2891.7	2894.3	2893.8	2895.6	2896.8	2899.0	2902.8
8°	2887.3	2886.7	2890.4	2895.6	2900.3	2904.5	2903.9	2905.8	2908.0	2910.2	2914.8
9°	2895.5	2894.3	2899.2	2904.7	2911.4	2915.8	2915.3	2917.1	2920.5	2923.4	2927.9
10°	2905.4	2904.6	2909.7	2916.1	2924.2	2928.8	2928.1	2929.6	2933.9	2939.1	2943.1
11°	2917.8	2915.9	2922.1	2929.6	2937.7	2942.0	2942.0	2943.3	2948.4	2955.3	2959.9
12°	2931.2	2929.2	2935.3	2943.8	2952.2	2957.5	2958.1	2959.7	2965.7	2973.9	2978.8
13°	2946.3	2943.7	2949.6	2959.8	2968.3	2974.3	2975.9	2978.5	2984.8	2993.5	2999.4
14°	2963.3	2960.7	2965.2	2976.7	2986.1	2994.8	2996.6	2998.6	3005.9	3014.5	3022.1
15°	2982.7	2978.7	2983.2	2994.6	3006.0	3015.7	3018.7	3021.6	3028.7	3037.5	3045.6
16°	3002.7	2998.3	3003.4	3014.1	3027.5	3038.3	3042.9	3046.9	3052.8	3061.7	3070.1
17°	3023.8	3018.1	3024.7	3034.9	3050.1	3063.5	3069.1	3072.1	3078.9	3087.5	3095.9
18°	3045.3	3039.8	3045.9	3058.7	3073.8	3090.0	3096.7	3100.1	3106.1	3115.1	3123.4
19°	3067.6	3062.1	3069.7	3084.8	3098.8	3117.1	3126.1	3128.6	3134.4	3143.6	3151.2
20°	3091.2	3085.9	3094.2	3110.6	3125.5	3144.9	3156.1	3158.9	3163.6	3172.7	3179.4
21°	3114.9	3110.5	3119.7	3137.8	3153.0	3175.2	3186.6	3191.2	3193.9	3204.0	3208.6
22°	3139.0	3135.3	3146.4	3165.3	3181.8	3205.9	3217.7	3224.4	3226.0	3235.0	3237.2
23°	3164.6	3162.0	3173.8	3194.6	3212.9	3237.5	3248.2	3256.7	3259.1	3266.4	3267.5
24°	3191.0	3190.0	3201.7	3223.8	3243.7	3267.1	3277.1	3288.7	3292.5	3298.0	3297.0
25°	3219.7	3219.0	3230.9	3254.3	3274.9	3297.1	3305.6	3320.4	3325.5	3330.2	3328.0
26°	3248.5	3250.0	3260.4	3285.1	3305.3	3328.5	3335.2	3352.3	3359.2	3362.5	3359.3
27°	3279.9	3281.7	3291.5	3316.2	3335.8	3360.5	3366.2	3385.6	3392.7	3394.2	3390.5
28°	3312.7	3314.8	3323.1	3347.3	3366.6	3393.2	3399.3	3417.9	3426.0	3427.2	3422.4
29°	3346.7	3347.8	3355.7	3379.5	3397.8	3426.0	3433.9	3452.0	3461.0	3459.2	3454.9
30°	3383.5	3382.3	3388.6	3411.6	3430.4	3460.0	3471.3	3487.8	3495.6	3492.3	3488.4
31°	3421.7	3416.7	3422.6	3446.0	3462.7	3495.0	3508.7	3524.0	3532.4	3527.3	3522.6
32°	3460.2	3451.0	3455.8	3479.9	3496.4	3528.0	3545.1	3559.3	3568.1	3563.0	3559.0
33°	3501.5	3485.2	3489.3	3512.7	3530.7	3561.2	3582.0	3593.9	3603.2	3599.2	3593.2
34°	3544.9	3520.2	3523.3	3546.5	3564.0	3594.6	3619.5	3628.2	3636.4	3632.9	3629.2
35°	3588.7	3555.9	3559.4	3582.3	3596.6	3628.5	3657.7	3662.9	3669.0	3668.4	3666.5
36°	3632.4	3590.7	3594.1	3616.2	3629.5	3661.5	3696.5	3696.8	3703.1	3705.1	3703.7
37°	3677.9	3623.5	3628.9	3649.0	3662.9	3691.9	3736.1	3730.6	3738.7	3741.8	3742.6
38°	3724.1	3655.3	3662.4	3684.0	3696.5	3723.1	3776.5	3763.2	3773.9	3779.7	3780.9
39°	3770.4	3687.9	3695.9	3718.1	3730.1	3756.4	3820.0	3797.1	3808.9	3817.9	3818.7
40°	3818.3	3722.5	3729.7	3753.0	3764.5	3791.3	3866.7	3833.6	3845.9	3858.2	3858.5
41°	3867.9	3760.1	3765.9	3789.5	3801.4	3829.1	3912.4	3871.6	3884.5	3898.0	3897.5
42°	3915.9	3802.5	3804.1	3828.5	3839.8	3868.8	3955.5	3912.8	3923.6	3939.9	3938.9
43°	3960.4	3848.2	3844.1	3870.0	3882.4	3909.2	3999.3	3954.0	3966.3	3983.3	3981.9
44°	4002.1	3896.2	3886.9	3913.3	3926.7	3952.8	4043.5	3996.0	4010.3	4029.0	4026.7

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CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	4043.1	3943.6	3931.7	3958.3	3971.0	3998.5	4087.8	4039.4	4054.6	4076.0	4073.3
46°	4081.8	3993.9	3979.5	4006.2	4018.7	4045.8	4129.3	4086.5	4101.8	4124.3	4122.0
47°	4118.1	4047.2	4031.1	4054.0	4067.0	4095.3	4168.1	4135.7	4150.0	4174.6	4171.5
48°	4154.2	4103.5	4083.8	4104.6	4115.4	4144.6	4206.4	4185.9	4199.6	4226.5	4224.0
49°	4192.3	4162.4	4138.1	4157.3	4167.3	4194.8	4242.9	4235.2	4248.6	4278.0	4277.9
50°	4232.4	4224.4	4194.7	4211.0	4222.2	4247.7	4277.9	4286.3	4300.1	4331.6	4333.8
51°	4274.8	4287.7	4254.4	4267.1	4275.0	4299.7	4311.4	4336.9	4351.7	4386.4	4391.1
52°	4317.0	4352.8	4315.8	4326.4	4332.5	4353.3	4342.0	4388.8	4405.0	4442.8	4450.0
53°	4365.1	4420.1	4378.8	4390.5	4389.3	4403.4	4371.5	4437.3	4458.7	4501.2	4511.1
54°	4416.2	4486.1	4445.7	4455.2	4447.1	4450.4	4402.3	4484.2	4515.2	4560.5	4572.7
55°	4468.1	4550.8	4515.1	4523.1	4505.1	4495.8	4432.4	4528.5	4569.4	4623.3	4635.4
56°	4520.0	4614.1	4585.9	4593.6	4564.3	4542.3	4463.2	4571.9	4623.3	4687.1	4697.3
57°	4571.0	4674.2	4658.0	4664.5	4622.9	4587.5	4493.5	4612.9	4678.8	4755.1	4758.3
58°	4618.6	4731.5	4728.7	4739.8	4682.0	4627.5	4523.5	4650.6	4732.4	4824.0	4815.2
59°	4668.6	4781.9	4802.2	4815.2	4740.3	4662.6	4549.6	4685.7	4785.1	4894.7	4866.9
60°	4715.8	4830.9	4874.8	4893.3	4797.6	4693.6	4571.4	4716.7	4836.9	4966.8	4915.9
61°	4756.0	4873.0	4951.5	4972.3	4852.2	4718.1	4588.3	4741.2	4890.1	5040.3	4968.2
62°	4790.2	4909.5	5026.9	5050.5	4908.1	4734.7	4599.9	4761.6	4942.8	5111.9	5022.7
63°	4825.3	4944.6	5102.2	5129.0	4963.6	4747.7	4608.0	4778.7	4993.6	5182.2	5073.6
64°	4869.3	4978.3	5175.3	5208.5	5013.9	4754.6	4611.5	4789.3	5043.5	5251.5	5121.2
65°	4917.3	5018.1	5249.7	5289.4	5064.3	4759.2	4611.8	4797.1	5092.1	5314.4	5165.6
66°	4946.5	5060.6	5319.9	5366.2	5111.0	4761.1	4599.0	4798.5	5135.5	5373.6	5210.4
67°	4951.5	5093.9	5380.0	5437.4	5148.0	4751.8	4573.6	4787.0	5172.5	5423.5	5248.8
68°	4948.3	5104.5	5436.4	5505.8	5184.0	4718.6	4511.1	4759.7	5203.0	5466.5	5277.9
69°	4894.2	5088.8	5488.7	5562.6	5203.5	4657.6	4374.6	4701.0	5222.4	5497.0	5283.4
70°	4702.9	5031.5	5521.9	5605.1	5200.7	4535.3	4157.9	4591.8	5220.6	5516.4	5270.9
71°	4322.1	4873.0	5521.9	5626.9	5177.6	4346.6	3836.1	4413.9	5186.8	5515.5	5240.4
72°	3824.5	4572.4	5474.3	5620.9	5123.5	4094.3	3493.4	4153.7	5118.9	5491.4	5163.2
73°	3343.4	4154.8	5380.0	5588.5	5033.4	3795.0	3186.6	3833.1	5006.1	5422.1	5036.6
74°	2878.8	3688.5	5226.1	5510.8	4891.4	3499.4	2931.0	3500.9	4851.7	5299.1	4847.5
75°	2191.0	3170.8	4988.5	5356.9	4721.8	3207.1	2633.8	3190.2	4646.0	5110.1	4545.0
76°	1276.9	2497.3	4628.9	5126.3	4501.8	2837.0	2112.1	2861.7	4393.1	4852.2	4133.3
77°	502.4	1587.8	4145.9	4749.1	4207.6	2273.2	1486.8	2346.5	4077.3	4467.1	3639.2
78°	366.5	720.7	3544.4	4202.2	3774.8	1518.4	861.5	1662.7	3673.2	3916.9	3033.0
79°	243.5	511.9	2732.0	3476.8	3171.3	754.9	242.0	978.9	3099.7	3173.0	2222.4
80°	120.4	319.9	1692.4	2576.2	2347.9	537.2	137.2	301.1	2316.4	2311.2	1577.5
81°	106.9	127.9	801.4	1632.7	1372.2	331.7	121.1	150.2	1624.6	1624.9	932.6
82°	94.5	110.2	577.1	731.5	588.8	126.2	105.0	124.2	932.9	938.6	290.9
83°	82.5	94.3	356.2	536.6	424.6	102.5	89.0	107.1	246.5	253.0	157.3
84°	70.0	79.3	135.2	347.0	270.3	86.5	76.2	89.9	145.6	161.5	119.9
85°	57.1	64.6	102.1	157.5	115.9	71.1	63.2	74.3	114.2	134.6	82.9
86°	42.3	50.7	78.0	124.8	85.3	56.3	50.1	59.3	82.9	107.3	58.7
87°	28.8	37.6	59.1	93.0	65.4	43.0	36.5	45.9	62.8	80.0	41.1
88°	15.3	24.6	40.8	57.8	46.8	29.9	23.5	33.1	45.0	50.1	25.4
89°	6.3	11.6	21.8	30.4	25.6	16.9	16.5	23.0	30.9	34.4	18.0

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CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

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: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

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: P1445090
CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

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: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0	2865.0
1°	2866.2	2867.3	2868.0	2868.5	2868.8	2869.2	2869.4	2866.5	2866.4	2866.1	2865.2
2°	2868.8	2871.1	2872.2	2873.4	2873.3	2874.1	2873.7	2871.5	2870.4	2869.1	2867.2
3°	2873.9	2876.3	2878.2	2879.2	2879.7	2879.9	2879.5	2877.3	2875.1	2873.2	2870.4
4°	2880.0	2882.7	2884.9	2886.3	2887.3	2887.6	2886.5	2883.0	2881.0	2878.7	2875.0
5°	2886.8	2890.0	2892.7	2894.9	2895.8	2895.7	2894.1	2890.4	2887.1	2884.4	2880.4
6°	2894.9	2898.9	2901.6	2904.0	2905.3	2905.1	2903.5	2899.1	2895.6	2891.3	2886.0
7°	2905.2	2909.2	2912.1	2915.0	2916.2	2916.0	2913.9	2909.7	2905.0	2900.2	2893.4
8°	2917.3	2921.0	2924.3	2928.0	2928.6	2928.4	2926.3	2921.0	2916.1	2911.0	2902.4
9°	2931.5	2934.7	2938.4	2942.1	2943.0	2941.7	2938.8	2933.6	2928.8	2923.4	2913.2
10°	2946.1	2949.7	2953.3	2958.0	2958.9	2957.0	2954.1	2949.3	2943.4	2936.3	2925.6
11°	2963.8	2967.8	2971.3	2975.4	2977.1	2975.5	2972.0	2967.6	2961.3	2951.8	2940.0
12°	2983.3	2987.5	2991.1	2994.8	2997.7	2996.5	2992.7	2989.1	2981.6	2970.6	2955.5
13°	3004.6	3009.0	3012.2	3016.5	3019.9	3019.2	3015.1	3011.3	3003.5	2991.5	2973.5
14°	3026.7	3031.2	3034.9	3039.7	3044.0	3044.3	3038.9	3034.5	3026.2	3013.3	2993.3
15°	3050.4	3055.7	3058.7	3065.3	3070.3	3069.7	3064.4	3060.1	3050.8	3036.0	3015.9
16°	3076.5	3081.3	3085.1	3092.1	3099.6	3098.0	3091.8	3088.6	3077.4	3060.7	3039.6
17°	3102.8	3107.9	3112.1	3120.6	3129.1	3126.4	3120.6	3117.7	3106.4	3087.7	3064.3
18°	3129.7	3134.3	3139.3	3149.7	3159.3	3156.3	3151.2	3148.4	3135.4	3115.3	3090.0
19°	3157.9	3161.8	3167.2	3179.5	3190.1	3186.8	3182.2	3179.5	3165.5	3144.9	3116.8
20°	3186.2	3188.9	3196.5	3209.3	3222.2	3219.0	3214.8	3211.7	3197.0	3174.3	3144.4
21°	3214.8	3217.0	3227.1	3241.1	3256.4	3252.1	3248.7	3245.1	3230.9	3204.5	3173.7
22°	3243.4	3245.5	3257.1	3272.1	3289.7	3286.3	3283.8	3277.0	3263.8	3235.0	3203.3
23°	3272.9	3274.5	3288.0	3305.4	3323.5	3320.1	3318.6	3308.7	3297.3	3268.1	3234.5
24°	3303.1	3305.3	3320.0	3337.2	3356.6	3355.9	3353.0	3339.7	3330.1	3301.6	3265.5
25°	3334.5	3337.2	3353.1	3371.0	3389.8	3391.6	3386.5	3371.6	3363.5	3333.9	3296.7
26°	3366.4	3371.0	3387.3	3405.7	3423.2	3427.9	3422.4	3404.0	3397.0	3365.8	3326.8
27°	3399.4	3405.3	3422.6	3439.4	3455.8	3463.8	3457.4	3437.1	3431.4	3398.5	3357.9
28°	3434.0	3442.2	3458.4	3473.1	3490.6	3500.8	3493.7	3473.4	3466.1	3431.3	3391.3
29°	3469.3	3480.3	3495.6	3506.8	3525.4	3537.3	3530.7	3512.6	3501.3	3464.6	3424.4
30°	3505.0	3519.0	3532.5	3541.3	3561.0	3573.3	3568.6	3552.2	3537.7	3497.4	3458.1
31°	3540.5	3559.7	3569.3	3577.2	3597.5	3608.4	3606.2	3591.9	3573.3	3531.5	3492.4
32°	3576.6	3601.2	3606.8	3612.9	3633.4	3643.9	3641.5	3628.0	3607.2	3565.0	3528.8
33°	3612.4	3644.2	3643.8	3648.4	3669.0	3677.6	3676.8	3664.2	3639.7	3599.6	3564.8
34°	3649.9	3686.2	3679.9	3685.0	3704.4	3710.2	3709.9	3700.7	3672.4	3633.0	3600.7
35°	3686.5	3730.5	3716.2	3721.8	3739.5	3742.6	3743.0	3737.8	3702.5	3666.7	3636.0
36°	3724.2	3775.2	3753.2	3758.4	3774.0	3775.7	3773.5	3774.9	3730.7	3699.1	3670.6
37°	3761.1	3819.3	3789.0	3796.0	3808.5	3809.9	3804.3	3815.7	3761.8	3732.5	3706.0
38°	3796.4	3864.0	3823.1	3832.7	3845.2	3844.3	3836.8	3859.1	3794.4	3765.4	3742.3
39°	3831.7	3910.8	3858.8	3869.0	3885.0	3880.3	3869.6	3904.4	3827.8	3801.7	3777.9
40°	3870.2	3958.9	3897.4	3907.7	3925.4	3916.9	3905.7	3951.3	3863.8	3839.3	3813.7
41°	3910.9	4005.5	3940.2	3947.4	3966.5	3955.9	3942.5	4001.1	3904.5	3879.0	3852.5
42°	3952.5	4051.7	3983.9	3989.3	4010.4	3996.3	3984.5	4050.9	3948.5	3918.7	3895.0
43°	3994.5	4097.2	4029.1	4033.5	4055.4	4037.7	4032.4	4098.8	3996.9	3961.3	3938.6
44°	4040.7	4141.0	4076.0	4078.8	4101.5	4081.5	4081.0	4141.7	4045.6	4005.1	3984.5

REPORT NUMBER: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4088.5	4184.5	4124.8	4125.7	4149.4	4128.2	4131.2	4181.0	4094.2	4053.5	4032.6
46°	4141.1	4228.9	4176.9	4175.3	4195.7	4177.7	4178.7	4220.6	4142.9	4104.5	4082.8
47°	4195.7	4272.3	4233.3	4226.8	4245.3	4230.0	4229.9	4259.0	4193.5	4157.7	4134.0
48°	4254.8	4311.1	4289.8	4278.6	4294.6	4284.0	4283.0	4293.6	4245.4	4210.2	4186.8
49°	4314.1	4350.9	4348.5	4331.2	4347.0	4338.4	4336.7	4325.2	4299.0	4262.6	4241.2
50°	4372.9	4391.9	4407.5	4387.5	4401.4	4393.8	4391.3	4356.4	4352.8	4315.1	4298.2
51°	4431.9	4434.8	4466.3	4443.4	4456.9	4446.4	4443.3	4387.7	4406.6	4369.7	4357.9
52°	4491.8	4476.3	4526.0	4504.0	4516.2	4500.5	4494.8	4419.6	4455.3	4425.2	4418.9
53°	4552.2	4516.0	4585.6	4564.1	4576.2	4555.0	4542.2	4450.3	4502.6	4480.5	4482.6
54°	4610.0	4554.7	4641.4	4626.6	4638.6	4610.9	4586.3	4481.5	4548.7	4537.0	4549.4
55°	4663.1	4593.6	4692.2	4689.4	4702.9	4664.5	4626.1	4510.6	4590.8	4589.4	4618.0
56°	4707.0	4629.8	4736.1	4751.8	4769.0	4718.1	4662.2	4538.3	4628.4	4644.6	4689.0
57°	4744.0	4665.4	4776.3	4816.1	4839.2	4769.9	4696.4	4564.4	4660.3	4700.1	4761.1
58°	4777.3	4699.2	4811.5	4872.5	4908.5	4820.7	4726.0	4588.7	4689.0	4750.9	4832.7
59°	4808.2	4731.0	4843.4	4923.3	4978.8	4870.6	4751.8	4606.0	4713.9	4802.2	4904.9
60°	4836.4	4759.2	4869.7	4975.6	5052.3	4917.3	4771.7	4618.4	4733.8	4857.2	4979.7
61°	4858.6	4784.7	4890.1	5031.5	5122.1	4963.1	4787.0	4631.7	4748.2	4909.9	5056.5
62°	4874.8	4810.6	4907.6	5085.6	5191.0	5011.2	4796.2	4640.9	4760.6	4960.3	5133.7
63°	4893.3	4834.6	4926.1	5133.7	5255.7	5059.7	4803.2	4642.3	4769.9	5011.2	5210.9
64°	4910.4	4858.6	4947.4	5174.8	5319.5	5104.1	4805.5	4637.7	4774.0	5058.8	5285.7
65°	4926.1	4863.2	4961.2	5212.7	5377.3	5146.6	4800.4	4620.0	4769.0	5101.8	5354.6
66°	4932.1	4830.9	4956.6	5252.9	5429.0	5184.5	4783.7	4579.8	4753.7	5139.7	5419.3
67°	4917.3	4791.6	4934.9	5283.4	5472.9	5207.2	4744.5	4511.9	4712.6	5171.6	5481.3
68°	4890.1	4726.4	4903.9	5305.2	5502.5	5209.5	4687.6	4384.2	4645.1	5190.1	5538.1
69°	4830.0	4574.0	4834.6	5302.4	5519.2	5191.9	4592.9	4152.2	4529.8	5182.7	5579.7
70°	4709.8	4313.0	4696.4	5276.0	5519.6	5153.5	4433.7	3819.3	4333.8	5147.5	5606.5
71°	4501.1	3922.9	4463.2	5218.7	5497.4	5085.1	4185.4	3458.0	4055.6	5085.1	5612.1
72°	4165.9	3442.8	4101.8	5117.9	5440.1	4991.8	3864.8	3168.4	3731.3	4991.8	5589.0
73°	3712.1	2938.8	3655.8	4973.7	5323.2	4851.7	3541.7	2925.6	3428.1	4836.4	5520.6
74°	3199.1	2433.1	3153.0	4744.9	5138.3	4666.8	3242.9	2616.7	3129.0	4639.5	5390.2
75°	2655.6	1799.1	2582.8	4392.9	4907.2	4434.8	2899.4	2055.0	2770.0	4397.9	5190.1
76°	2040.0	1137.9	1951.4	3948.2	4589.1	4135.7	2388.0	1300.6	2220.1	4094.0	4893.3
77°	1451.7	477.7	1392.0	3414.4	4120.8	3727.9	1684.3	588.3	1496.7	3700.7	4433.9
78°	863.4	198.0	832.7	2746.5	3470.3	3171.1	980.6	429.2	742.8	3167.1	3744.5
79°	285.0	126.8	274.7	1910.5	2684.5	2437.3	280.0	275.0	525.7	2418.1	2883.5
80°	149.0	108.1	148.7	1223.9	1907.6	1719.2	150.5	120.7	326.9	1481.3	1953.5
81°	124.7	89.5	123.9	537.6	1130.8	1001.1	127.5	104.4	128.2	659.4	1010.8
82°	100.4	76.2	99.1	220.4	370.7	294.7	111.3	91.4	106.2	471.0	348.3
83°	76.2	63.9	74.5	171.9	187.2	162.0	95.2	78.4	90.9	296.5	255.5
84°	61.7	52.9	60.1	123.3	151.9	132.2	79.1	65.2	75.4	121.9	163.9
85°	47.4	40.5	45.6	75.3	123.6	102.3	64.3	51.4	60.5	91.0	137.1
86°	34.2	27.4	32.4	54.0	95.2	72.5	50.4	38.5	46.7	70.0	108.2
87°	24.2	19.0	22.9	36.1	67.0	53.7	37.5	25.6	33.5	51.9	74.2
88°	14.2	10.6	13.5	25.1	45.7	36.7	25.8	12.7	20.3	41.8	37.5
89°	4.3	2.3	4.2	14.2	24.5	25.5	14.2	4.0	7.1	31.8	28.5

REPORT NUMBER: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

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: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

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: P1445090
CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

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: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	2865.0	2865.0	2865.0
1°	2864.6	2863.7	2864.5
2°	2865.7	2864.3	2864.3
3°	2867.7	2866.1	2866.0
4°	2871.2	2869.1	2867.9
5°	2875.9	2872.5	2870.7
6°	2881.3	2877.0	2875.4
7°	2888.0	2883.0	2880.8
8°	2895.5	2889.7	2887.3
9°	2904.6	2898.3	2895.5
10°	2915.1	2908.8	2905.4
11°	2928.4	2920.4	2917.8
12°	2943.0	2934.5	2931.2
13°	2958.3	2949.3	2946.3
14°	2975.4	2966.2	2963.3
15°	2995.1	2985.5	2982.7
16°	3017.1	3006.3	3002.7
17°	3040.4	3028.1	3023.8
18°	3064.5	3050.3	3045.3
19°	3090.3	3074.0	3067.6
20°	3116.9	3098.4	3091.2
21°	3144.6	3123.9	3114.9
22°	3172.7	3150.1	3139.0
23°	3201.6	3178.7	3164.6
24°	3230.8	3208.1	3191.0
25°	3261.0	3239.2	3219.7
26°	3291.6	3271.1	3248.5
27°	3323.1	3303.4	3279.9
28°	3355.5	3336.0	3312.7
29°	3387.9	3369.4	3346.7
30°	3421.0	3403.5	3383.5
31°	3454.8	3438.3	3421.7
32°	3489.4	3471.4	3460.2
33°	3524.8	3506.6	3501.5
34°	3560.1	3542.5	3544.9
35°	3596.7	3578.4	3588.7
36°	3633.5	3612.8	3632.4
37°	3668.4	3646.1	3677.9
38°	3704.8	3678.5	3724.1
39°	3740.9	3711.2	3770.4
40°	3776.8	3746.4	3818.3
41°	3813.9	3786.3	3867.9
42°	3853.7	3829.2	3915.9
43°	3895.7	3874.8	3960.4
44°	3941.8	3922.9	4002.1

REPORT NUMBER: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	3989.8	3972.6	4043.1
46°	4042.5	4023.8	4081.8
47°	4096.3	4079.5	4118.1
48°	4150.2	4136.3	4154.2
49°	4207.3	4196.6	4192.3
50°	4264.5	4259.5	4232.4
51°	4325.9	4323.8	4274.8
52°	4389.0	4391.1	4317.0
53°	4452.6	4456.0	4365.1
54°	4521.1	4523.1	4416.2
55°	4589.5	4588.1	4468.1
56°	4659.4	4652.0	4520.0
57°	4730.1	4713.5	4571.0
58°	4802.7	4768.5	4618.6
59°	4876.7	4817.9	4668.6
60°	4952.9	4865.6	4715.8
61°	5027.3	4913.6	4756.0
62°	5101.8	4960.3	4790.2
63°	5177.1	4997.8	4825.3
64°	5250.6	5026.4	4869.3
65°	5324.6	5061.6	4917.3
66°	5395.8	5109.6	4946.5
67°	5458.6	5141.5	4951.5
68°	5503.0	5145.2	4948.3
69°	5547.4	5119.3	4894.2
70°	5573.3	5056.9	4702.9
71°	5558.5	4903.0	4322.1
72°	5483.6	4597.3	3824.5
73°	5378.2	4166.7	3343.4
74°	5215.5	3685.6	2878.8
75°	4912.2	3147.7	2191.0
76°	4496.9	2465.8	1276.9
77°	3996.5	1589.5	502.4
78°	3355.6	747.7	366.5
79°	2452.9	530.1	243.5
80°	1358.9	332.1	120.4
81°	603.9	134.1	106.9
82°	435.0	110.3	94.5
83°	278.9	94.4	82.5
84°	122.7	79.0	70.0
85°	93.7	63.3	57.1
86°	72.8	48.8	42.3
87°	53.6	35.6	28.8
88°	43.1	22.5	15.3
89°	32.7	9.4	6.3

REPORT NUMBER: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

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

REPORT NUMBER: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

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: P1445090

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)