

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: P1436819

Luminaire Tested: XAS300-SFPM (5000K-120W-T3)

Issue Date: 3/25/2026

Test Information

Test Method: LM-79-2024
Report Number: P1436819
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA ()
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 3/25/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XAS300-SFPM (5000K-120W-T3)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 40% (120W)
OPTICS - TYPE 3
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

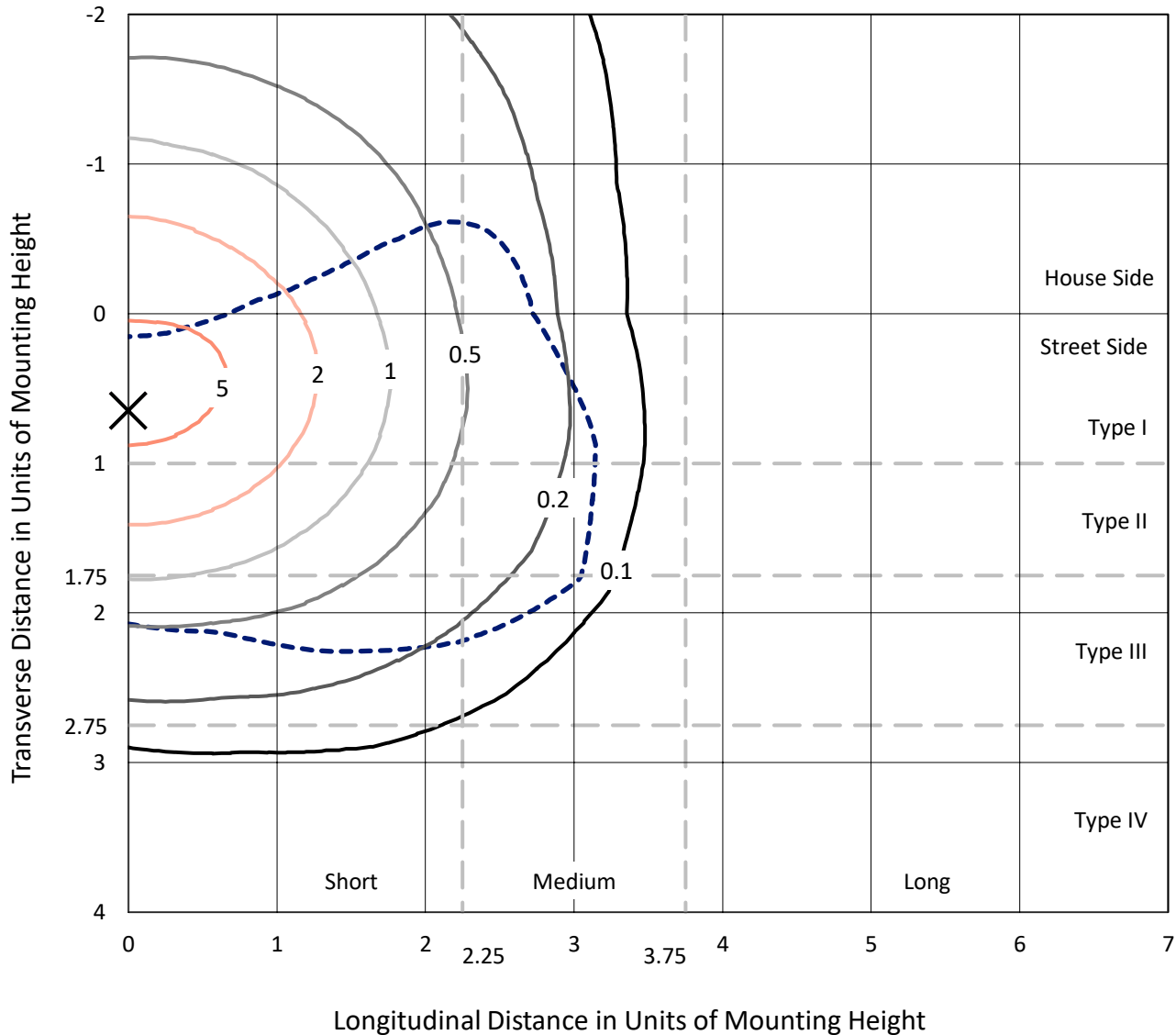
Lumens per Lamp: 45292 (1 lamp)
Luminaire Lumens: 20935.7 lumens
Efficiency: 46.2%
Efficacy: 166.0 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type III - Short - Full Cutoff
BUG Rating: B4 - U0 - G4

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

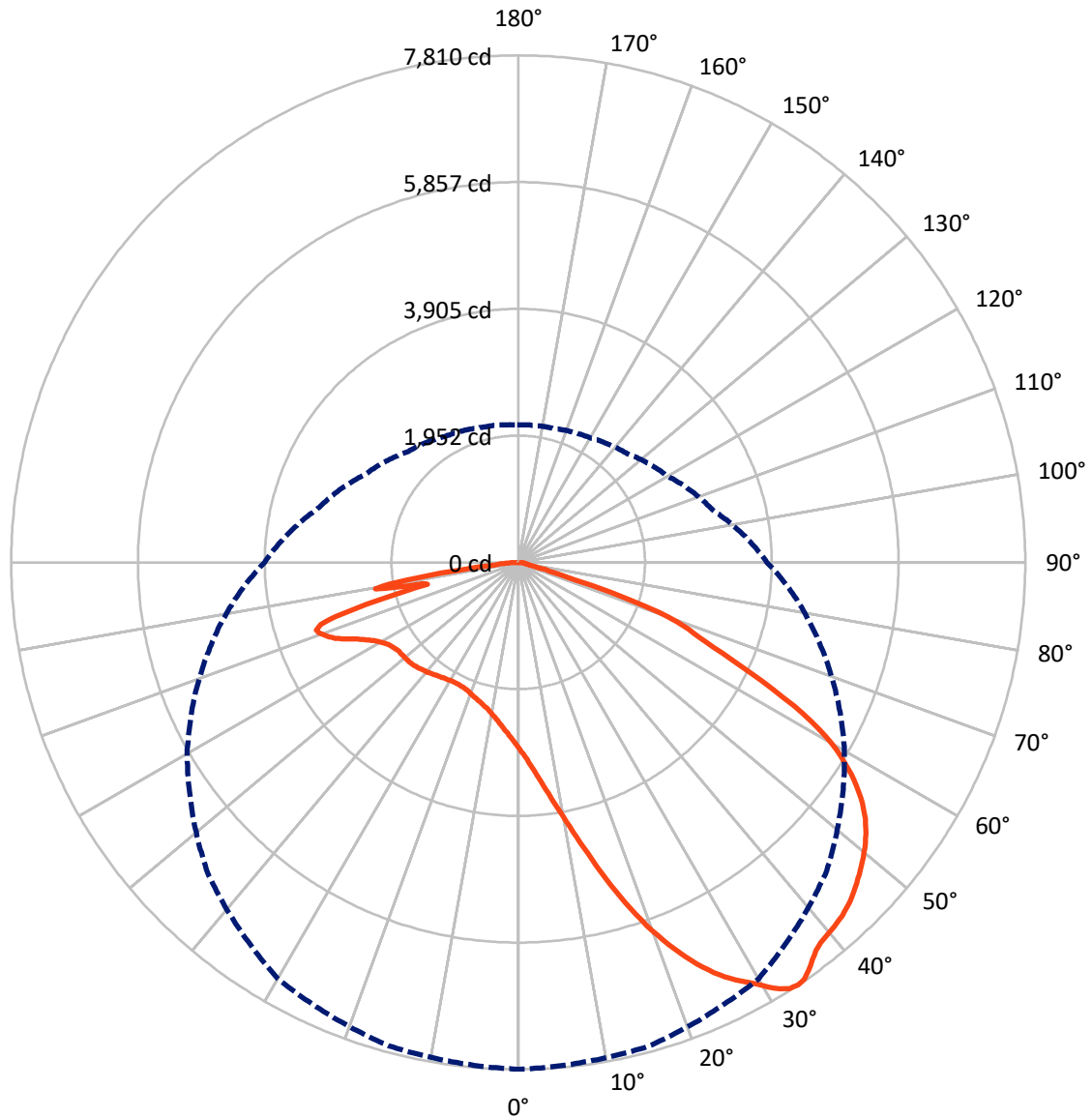
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.2 fc
 Type III - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 33-Deg Vertical

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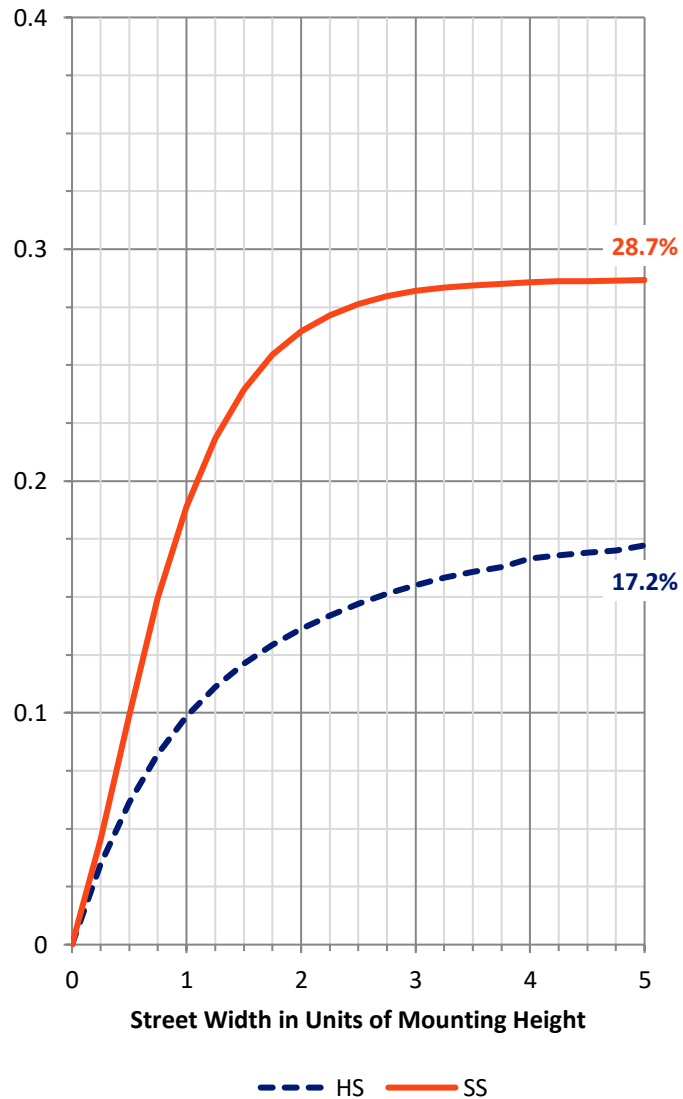
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7938.8	0.0	7938.8
	% Lamp	17.5	0.0	17.5
Street Side	Lumens	12996.9	0.0	12996.9
	% Lamp	28.7	0.0	28.7
Total	Lumens	20935.7	0.0	20935.7
	% Lamp	46.2	0.0	46.2

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	285.7	1.4	0.6
10°-20°	971.0	4.6	2.1
20°-30°	1880.4	9.0	4.2
30°-40°	2843.1	13.6	6.3
40°-50°	3588.4	17.1	7.9
50°-60°	4139.2	19.8	9.1
60°-70°	4126.2	19.7	9.1
70°-80°	2690.8	12.9	5.9
80°-90°	410.8	2.0	0.9
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°	20935.7	100.0	46.2
0°-180°	20935.7	100.0	46.2

Coefficient of Utilization



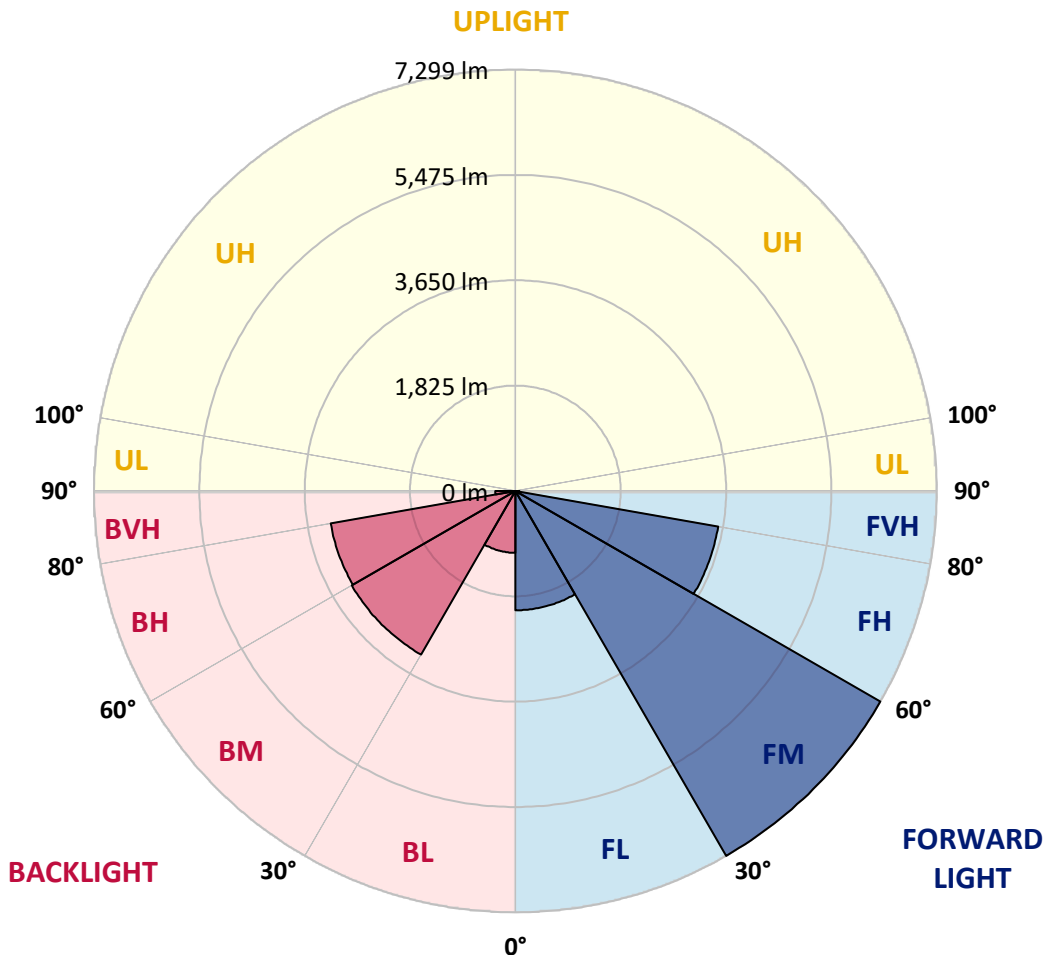
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2066.0	4.6			
FM (30°-60°)	7299.5	16.1			
FH (60°-80°)	3568.2	7.9			G2/5000
FVH (80°-90°)	63.2	0.1			G1/100
BL (0°-30°)	1071.1	2.4	B3/2500		
BM (30°-60°)	3271.2	7.2	B3/5000		
BH (60°-80°)	3248.9	7.2	B4/5000		G4/5000
BVH (80°-90°)	347.6	0.8			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	24356.3	53.8			

BUG Rating: B4-U0-G4
 Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8
1°	2954.7	2953.8	2947.0	2937.1	2923.2	2906.7	2874.1	2855.7	2840.2	2827.0	2817.7
2°	3037.3	3033.2	3017.6	2992.4	2961.2	2926.1	2874.6	2838.3	2806.8	2780.5	2762.1
3°	3129.0	3119.9	3093.4	3053.1	3003.2	2948.4	2877.3	2823.8	2776.7	2738.6	2711.0
4°	3231.5	3216.6	3178.8	3121.9	3050.5	2974.5	2883.3	2811.9	2750.8	2700.7	2666.0
5°	3342.4	3323.8	3271.9	3194.5	3103.5	3004.8	2892.7	2803.6	2726.9	2667.0	2624.5
6°	3465.7	3441.7	3375.5	3276.8	3160.3	3036.6	2903.0	2796.5	2706.4	2636.2	2583.5
7°	3597.5	3570.4	3488.3	3365.4	3220.9	3071.0	2914.8	2791.0	2687.5	2605.2	2544.0
8°	3740.0	3704.1	3607.8	3461.2	3286.4	3108.4	2929.3	2787.5	2670.2	2575.8	2508.4
9°	3893.5	3851.8	3738.2	3563.1	3356.4	3149.3	2946.2	2785.0	2652.7	2548.8	2474.7
10°	4058.1	4008.8	3873.9	3673.4	3432.1	3193.2	2965.1	2784.3	2637.0	2524.9	2443.9
11°	4236.6	4178.7	4022.5	3790.2	3511.5	3240.2	2984.9	2784.7	2621.7	2501.9	2415.6
12°	4422.1	4356.3	4178.9	3912.1	3596.9	3290.3	3007.5	2787.4	2608.9	2480.7	2390.7
13°	4624.7	4550.7	4343.0	4041.3	3687.4	3343.2	3033.0	2791.2	2597.8	2461.0	2367.7
14°	4838.3	4753.2	4518.0	4177.9	3783.1	3399.8	3062.1	2797.0	2587.5	2443.3	2347.3
15°	5056.9	4961.2	4697.3	4318.8	3880.8	3458.0	3092.3	2805.0	2579.9	2427.4	2329.7
16°	5279.7	5172.0	4881.3	4465.6	3984.2	3519.8	3124.7	2814.7	2573.9	2413.1	2312.6
17°	5503.0	5383.7	5066.6	4612.7	4091.4	3586.6	3158.6	2825.5	2568.8	2400.8	2298.1
18°	5722.1	5595.0	5253.4	4762.5	4201.5	3655.0	3194.8	2838.5	2565.3	2390.7	2285.2
19°	5936.1	5799.8	5435.5	4911.8	4309.9	3724.8	3232.4	2853.5	2565.0	2381.7	2274.3
20°	6140.4	5999.4	5613.0	5057.9	4420.6	3796.0	3271.3	2869.6	2566.0	2375.3	2265.2
21°	6335.5	6191.3	5785.4	5203.5	4531.6	3869.5	3310.6	2886.7	2568.0	2370.2	2256.3
22°	6513.0	6368.8	5947.2	5344.4	4641.4	3942.7	3350.7	2904.7	2572.4	2366.2	2248.6
23°	6686.3	6542.6	6105.3	5482.2	4754.2	4018.8	3390.1	2922.3	2577.1	2363.8	2243.1
24°	6846.7	6704.4	6259.2	5614.4	4860.9	4092.0	3429.7	2939.8	2582.7	2362.1	2237.7
25°	7000.2	6862.0	6408.1	5744.7	4965.9	4166.2	3469.4	2956.0	2589.3	2361.8	2233.0
26°	7132.4	7001.1	6552.7	5871.4	5070.3	4243.5	3509.3	2973.3	2597.0	2361.4	2228.2
27°	7248.4	7125.0	6691.0	5993.0	5176.2	4321.2	3549.8	2990.5	2604.3	2361.4	2224.0
28°	7352.9	7234.6	6817.1	6115.9	5277.0	4397.5	3592.1	3007.0	2611.4	2362.0	2220.4
29°	7462.9	7339.9	6935.5	6235.2	5375.9	4478.3	3636.2	3024.6	2618.6	2362.1	2218.3
30°	7595.6	7465.7	7056.6	6355.8	5474.3	4561.2	3682.4	3043.4	2626.8	2362.6	2217.3
31°	7704.2	7582.2	7184.6	6479.2	5577.0	4642.3	3730.3	3062.8	2635.8	2364.4	2216.7
32°	7783.2	7671.8	7304.8	6600.8	5685.6	4722.7	3780.0	3083.9	2645.6	2367.5	2216.4
33°	7809.6	7720.8	7405.1	6717.8	5801.6	4803.2	3831.1	3104.1	2655.1	2370.4	2215.8
34°	7783.7	7711.6	7467.1	6826.4	5914.8	4894.7	3883.8	3128.5	2664.2	2374.4	2215.8
35°	7710.7	7651.0	7474.0	6908.2	6009.1	4990.8	3938.2	3154.4	2674.9	2379.8	2217.8
36°	7615.9	7571.5	7435.2	6955.4	6092.8	5086.0	3993.8	3181.8	2688.0	2386.6	2223.4
37°	7532.7	7479.1	7373.2	6961.8	6153.8	5164.2	4050.8	3206.4	2701.9	2396.1	2232.9
38°	7486.0	7416.7	7309.0	6937.3	6195.0	5231.7	4109.0	3231.1	2716.7	2409.2	2246.6
39°	7458.7	7383.4	7259.5	6906.8	6210.2	5284.8	4167.9	3257.6	2732.6	2425.7	2261.8
40°	7437.5	7361.2	7232.7	6886.0	6205.1	5319.9	4218.3	3285.7	2750.3	2444.8	2279.0
41°	7413.4	7343.2	7217.4	6874.0	6203.8	5338.4	4257.9	3318.2	2770.4	2466.1	2296.1
42°	7383.4	7323.3	7206.4	6873.5	6212.1	5354.6	4287.0	3346.0	2791.8	2488.2	2312.0
43°	7346.0	7300.7	7193.4	6882.3	6225.5	5375.4	4307.8	3368.1	2816.7	2512.4	2326.0
44°	7300.7	7272.9	7177.7	6892.5	6242.6	5406.8	4327.6	3388.2	2842.0	2536.2	2339.0



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CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	7245.2	7237.3	7157.8	6899.4	6266.2	5441.1	4351.2	3410.8	2867.5	2560.5	2350.3
46°	7183.7	7194.8	7132.9	6902.2	6292.0	5475.3	4378.8	3434.8	2892.9	2584.1	2360.0
47°	7119.5	7147.6	7101.9	6900.3	6320.7	5510.4	4407.1	3462.4	2917.7	2606.1	2369.3
48°	7053.8	7098.7	7067.2	6892.5	6346.1	5544.1	4435.4	3492.3	2943.9	2627.4	2378.6
49°	6987.3	7044.6	7023.8	6880.0	6368.8	5577.4	4462.4	3524.5	2971.2	2647.7	2390.4
50°	6916.1	6988.2	6976.6	6862.0	6386.3	5608.4	4488.6	3560.3	2998.2	2666.0	2403.3
51°	6837.5	6924.4	6923.5	6839.8	6402.1	5636.1	4511.6	3596.2	3025.1	2685.3	2418.9
52°	6748.3	6850.0	6863.8	6812.1	6415.0	5661.1	4532.0	3630.7	3051.4	2705.2	2436.6
53°	6648.9	6765.8	6801.9	6781.6	6421.5	5681.4	4550.2	3665.4	3081.8	2727.2	2458.5
54°	6531.9	6664.6	6734.4	6743.6	6422.9	5698.1	4566.0	3698.4	3115.3	2751.4	2482.6
55°	6403.9	6544.9	6659.1	6697.9	6420.1	5710.5	4580.2	3730.1	3148.9	2779.3	2509.3
56°	6254.1	6408.1	6571.7	6644.7	6410.4	5718.4	4593.2	3762.3	3184.1	2810.3	2536.8
57°	6085.4	6253.2	6470.5	6583.7	6393.7	5721.6	4602.5	3793.2	3223.0	2845.2	2566.5
58°	5893.6	6076.6	6353.5	6513.5	6366.9	5719.3	4607.4	3821.4	3263.8	2883.3	2600.7
59°	5689.7	5882.0	6223.6	6436.3	6331.8	5710.5	4608.5	3845.2	3306.3	2924.1	2636.9
60°	5445.2	5666.6	6078.0	6348.4	6286.5	5693.4	4604.7	3868.5	3348.8	2967.8	2676.6
61°	5145.2	5419.8	5914.4	6246.7	6229.2	5664.8	4593.8	3888.6	3395.1	3015.9	2719.9
62°	4789.8	5122.6	5731.3	6128.9	6164.0	5624.1	4574.8	3903.8	3442.9	3068.4	2767.3
63°	4387.4	4790.2	5519.6	5996.2	6087.7	5577.9	4555.0	3914.1	3490.5	3124.9	2816.2
64°	3979.6	4430.5	5286.7	5847.4	5998.5	5520.6	4527.4	3918.4	3534.6	3187.2	2869.7
65°	3598.1	4070.8	5022.3	5679.6	5899.6	5451.2	4489.2	3916.5	3577.3	3254.5	2932.9
66°	3273.6	3727.4	4744.0	5489.1	5785.4	5373.1	4435.4	3909.0	3612.9	3324.8	3009.7
67°	3019.8	3411.4	4462.8	5274.6	5648.6	5271.9	4360.5	3884.6	3648.8	3399.8	3097.4
68°	2817.4	3136.4	4175.2	5036.6	5494.2	5141.1	4251.8	3840.8	3679.6	3480.4	3196.6
69°	2611.9	2901.7	3889.1	4776.3	5310.2	4981.6	4091.1	3759.1	3705.8	3565.6	3309.2
70°	2290.0	2664.5	3604.5	4501.3	5094.4	4783.7	3851.4	3616.6	3721.1	3655.4	3432.8
71°	1787.1	2354.2	3329.9	4222.7	4852.2	4528.6	3525.2	3407.7	3712.4	3751.0	3565.3
72°	1186.9	1921.6	3050.1	3945.8	4579.7	4229.1	3166.8	3154.2	3671.1	3846.6	3689.2
73°	665.8	1393.2	2748.4	3668.8	4285.2	3869.1	2811.6	2903.0	3588.8	3945.9	3821.4
74°	505.2	871.6	2408.6	3382.4	3950.5	3462.5	2474.9	2699.2	3476.0	4032.9	3956.6
75°	348.1	489.4	2031.0	3063.5	3590.6	3004.8	2089.9	2514.5	3347.4	4086.2	4063.0
76°	191.0	381.8	1606.2	2708.5	3185.0	2525.1	1545.9	2229.4	3247.0	4084.7	4126.9
77°	161.0	280.7	1199.4	2254.9	2726.3	1966.9	1002.0	1760.1	3165.8	4015.4	4106.1
78°	140.3	179.6	881.6	1704.6	2212.9	1347.3	463.4	1255.1	3063.1	3855.2	3929.5
79°	125.6	151.7	635.7	1094.0	1669.2	770.6	203.9	750.1	2798.5	3567.2	3506.6
80°	112.9	131.8	447.7	586.5	1155.5	392.3	143.1	253.3	2252.0	3095.6	3029.8
81°	100.8	114.6	317.0	447.4	664.5	270.2	123.8	164.6	1599.6	2510.6	2630.8
82°	89.3	99.9	187.9	316.3	481.0	153.6	108.8	133.7	947.1	1915.1	2356.3
83°	77.4	87.6	151.6	185.3	304.2	125.1	93.9	110.4	308.8	1449.4	2205.6
84°	65.7	74.3	124.8	158.7	127.4	104.7	79.0	87.3	205.1	1112.5	1670.9
85°	53.6	61.5	93.5	136.0	98.5	85.3	65.0	69.2	167.7	775.6	1136.1
86°	41.3	48.9	65.7	113.4	76.4	64.9	51.0	53.4	135.3	439.2	601.9
87°	29.0	36.9	48.9	87.3	56.7	46.7	36.8	39.7	102.9	303.2	325.2
88°	16.7	24.8	34.0	57.7	39.4	32.5	23.4	27.5	70.8	167.3	243.9
89°	7.8	12.8	19.2	30.6	22.1	18.4	16.4	19.1	47.9	33.3	162.6



REPORT NUMBER: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

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: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

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: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

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: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8	2880.8
1°	2813.3	2813.3	2818.2	2827.6	2841.0	2857.7	2875.3	2880.0	2897.7	2915.5	2930.5
2°	2751.6	2750.1	2757.7	2774.4	2799.0	2829.5	2864.1	2886.2	2922.7	2958.9	2989.7
3°	2696.1	2693.1	2702.7	2724.6	2759.2	2803.0	2854.3	2894.7	2950.6	3006.1	3054.5
4°	2646.3	2641.7	2653.3	2680.4	2723.1	2779.1	2845.3	2904.2	2980.0	3057.2	3126.7
5°	2598.2	2592.7	2606.6	2638.4	2689.3	2755.4	2837.8	2915.2	3011.3	3111.8	3202.6
6°	2552.3	2544.3	2559.9	2597.6	2656.9	2734.7	2832.3	2929.0	3045.2	3168.9	3284.9
7°	2507.9	2498.7	2516.1	2558.1	2624.9	2715.5	2827.2	2943.2	3082.3	3231.0	3373.4
8°	2467.6	2456.5	2475.4	2522.9	2594.7	2696.0	2823.3	2958.5	3120.7	3297.6	3466.7
9°	2429.0	2416.3	2436.8	2487.7	2567.2	2677.0	2820.6	2975.5	3161.6	3367.8	3568.4
10°	2393.8	2380.1	2401.1	2455.0	2541.4	2660.0	2820.2	2994.9	3206.6	3442.1	3676.4
11°	2362.0	2346.8	2369.0	2425.6	2517.5	2645.8	2821.8	3017.8	3256.1	3522.6	3791.4
12°	2335.0	2317.0	2339.0	2398.7	2495.4	2634.0	2825.8	3043.0	3308.5	3607.6	3913.6
13°	2310.1	2289.8	2313.5	2373.8	2474.9	2624.1	2831.6	3069.3	3362.9	3699.7	4043.7
14°	2286.6	2265.4	2289.5	2353.0	2456.6	2615.6	2838.4	3097.1	3419.9	3795.1	4181.6
15°	2266.7	2243.7	2267.6	2333.6	2441.3	2608.9	2846.5	3127.8	3478.9	3894.9	4322.9
16°	2247.9	2223.9	2248.6	2315.8	2428.7	2603.4	2856.8	3161.4	3541.5	3998.8	4471.7
17°	2230.9	2206.5	2231.8	2301.5	2418.6	2600.9	2870.0	3195.8	3608.1	4108.1	4622.9
18°	2215.9	2190.0	2217.1	2288.5	2409.5	2600.4	2884.6	3232.7	3676.0	4217.8	4778.2
19°	2201.8	2173.1	2203.5	2278.8	2402.2	2602.2	2901.4	3271.6	3746.3	4330.1	4930.7
20°	2187.2	2155.9	2190.8	2270.9	2397.0	2606.3	2919.5	3311.2	3817.6	4444.9	5081.0
21°	2172.4	2140.6	2178.4	2265.1	2394.0	2612.9	2939.8	3351.9	3892.2	4560.6	5228.9
22°	2158.9	2126.1	2167.8	2260.3	2392.1	2619.9	2960.4	3392.2	3967.0	4676.0	5368.9
23°	2147.4	2114.1	2158.1	2256.5	2392.0	2628.0	2980.6	3433.3	4045.7	4790.7	5509.5
24°	2137.3	2104.7	2149.8	2253.1	2392.2	2637.5	3000.2	3473.6	4123.0	4903.9	5641.7
25°	2129.9	2097.8	2143.5	2251.6	2392.4	2646.8	3020.3	3515.6	4200.2	5013.9	5771.1
26°	2125.0	2093.3	2140.3	2250.0	2393.2	2656.2	3040.8	3557.0	4278.3	5119.8	5898.7
27°	2122.2	2091.0	2139.2	2248.2	2393.7	2665.3	3060.2	3600.4	4358.1	5228.4	6028.6
28°	2121.6	2091.5	2140.0	2246.2	2394.7	2674.5	3080.3	3645.6	4440.2	5333.8	6160.8
29°	2122.2	2093.8	2141.8	2245.1	2396.6	2682.6	3101.1	3693.4	4527.0	5439.7	6287.4
30°	2123.8	2097.3	2144.2	2244.0	2398.7	2690.9	3123.5	3743.2	4612.6	5550.6	6412.7
31°	2126.5	2102.6	2146.3	2243.1	2401.9	2699.1	3147.3	3796.2	4705.6	5667.1	6544.0
32°	2130.0	2109.4	2149.2	2242.0	2405.0	2707.0	3171.5	3851.4	4799.0	5781.3	6659.5
33°	2133.6	2117.4	2152.8	2241.9	2409.1	2715.9	3196.2	3909.8	4896.5	5889.4	6767.2
34°	2138.0	2125.0	2156.7	2242.8	2413.7	2724.6	3222.8	3970.1	4990.4	5987.4	6855.5
35°	2142.6	2134.5	2161.2	2245.7	2419.9	2736.0	3252.3	4029.9	5075.4	6075.2	6913.3
36°	2148.5	2145.2	2166.6	2252.0	2427.6	2748.0	3280.8	4084.4	5156.8	6140.4	6931.3
37°	2155.2	2155.8	2172.6	2263.6	2438.6	2761.3	3305.8	4138.8	5225.2	6175.1	6923.9
38°	2161.3	2167.5	2178.2	2278.2	2454.3	2775.7	3329.9	4192.0	5272.3	6185.3	6896.7
39°	2166.9	2180.1	2182.7	2295.7	2473.1	2790.9	3349.7	4234.2	5303.3	6185.3	6866.6
40°	2173.3	2193.8	2187.4	2313.7	2493.8	2806.7	3371.7	4266.9	5319.5	6184.3	6850.9
41°	2179.3	2203.7	2192.9	2329.4	2516.2	2824.6	3390.9	4294.9	5332.0	6191.3	6851.8
42°	2184.8	2215.0	2199.1	2345.1	2539.8	2844.0	3411.9	4320.1	5352.3	6204.2	6862.9
43°	2190.2	2226.5	2206.7	2358.7	2563.1	2865.3	3436.0	4346.4	5385.1	6222.7	6877.7
44°	2195.2	2237.9	2214.0	2372.5	2585.9	2889.4	3461.8	4374.0	5420.7	6248.1	6890.2



REPORT NUMBER: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	2200.8	2248.3	2221.3	2384.8	2608.8	2916.5	3487.1	4401.3	5455.4	6279.1	6898.5
46°	2206.4	2257.4	2228.6	2395.5	2629.6	2945.3	3512.7	4428.5	5487.3	6311.5	6899.9
47°	2214.3	2265.8	2237.5	2405.5	2649.8	2976.3	3541.8	4457.1	5518.2	6342.4	6895.7
48°	2225.3	2270.6	2249.0	2415.9	2668.1	3007.9	3575.9	4482.3	5550.6	6368.8	6886.0
49°	2237.8	2274.5	2262.7	2427.2	2686.2	3037.9	3610.5	4505.0	5582.5	6391.0	6872.2
50°	2250.8	2278.7	2278.2	2441.2	2704.1	3066.7	3645.7	4525.0	5612.1	6406.2	6853.2
51°	2265.5	2282.6	2295.1	2457.4	2722.8	3094.2	3681.2	4542.2	5637.0	6415.5	6831.0
52°	2282.7	2285.6	2313.2	2476.3	2743.8	3122.8	3716.6	4558.6	5656.9	6421.0	6803.7
53°	2302.5	2288.9	2333.0	2498.0	2766.9	3152.7	3751.1	4573.5	5671.7	6422.9	6770.9
54°	2324.4	2295.6	2354.2	2523.1	2793.4	3185.4	3783.1	4585.6	5680.5	6419.2	6732.6
55°	2349.1	2305.9	2378.0	2550.3	2823.1	3220.4	3811.6	4594.5	5684.2	6408.5	6688.6
56°	2376.4	2321.0	2405.2	2579.5	2856.6	3259.4	3839.7	4602.4	5681.4	6390.0	6634.1
57°	2406.7	2339.9	2434.5	2611.8	2894.6	3300.9	3864.2	4606.9	5673.1	6365.5	6567.1
58°	2438.9	2365.0	2467.6	2647.3	2937.0	3343.7	3886.3	4608.9	5659.7	6329.0	6487.1
59°	2476.4	2395.5	2502.6	2686.6	2982.9	3386.1	3906.7	4602.5	5638.9	6284.6	6399.3
60°	2514.1	2432.3	2539.7	2728.5	3032.2	3429.4	3923.1	4590.5	5607.5	6233.3	6303.6
61°	2553.1	2477.1	2580.8	2776.3	3086.2	3471.1	3934.2	4578.3	5570.0	6173.2	6199.1
62°	2595.8	2529.9	2628.6	2826.1	3144.0	3513.3	3939.6	4562.7	5525.6	6100.7	6082.6
63°	2650.2	2591.1	2687.2	2874.2	3205.0	3554.5	3942.6	4538.9	5469.2	6014.7	5948.1
64°	2714.1	2663.7	2753.8	2929.4	3272.6	3593.4	3937.8	4505.5	5402.2	5918.1	5787.3
65°	2786.7	2749.2	2828.4	2997.3	3342.8	3631.1	3924.4	4451.0	5319.5	5803.4	5603.8
66°	2870.4	2846.1	2913.0	3078.8	3416.2	3668.3	3900.8	4372.2	5210.4	5671.2	5399.4
67°	2968.1	2950.6	3010.4	3168.0	3491.8	3696.1	3855.7	4264.3	5072.6	5525.2	5180.8
68°	3072.4	3054.5	3116.1	3268.7	3572.4	3711.1	3782.8	4101.3	4907.6	5350.9	4943.2
69°	3175.0	3129.3	3213.2	3381.9	3656.2	3714.5	3658.7	3861.2	4715.3	5146.6	4687.6
70°	3267.4	3196.4	3299.9	3506.4	3744.3	3697.4	3452.4	3538.1	4470.2	4913.6	4409.8
71°	3353.2	3257.7	3382.1	3634.1	3834.6	3654.6	3184.2	3170.2	4161.1	4648.8	4120.6
72°	3430.3	3280.3	3452.3	3759.7	3925.3	3583.7	2927.7	2816.8	3809.7	4361.1	3829.9
73°	3462.1	3190.1	3478.0	3889.4	4002.8	3475.6	2731.5	2481.9	3396.8	4027.7	3530.0
74°	3391.9	2942.4	3382.9	4008.4	4039.2	3353.0	2559.7	2117.5	2957.0	3651.0	3218.7
75°	3178.3	2433.8	3129.4	4099.3	4032.9	3254.5	2279.9	1590.5	2471.7	3238.5	2876.7
76°	2793.6	1837.3	2731.8	4136.2	3963.8	3199.2	1790.0	974.5	1937.1	2795.8	2486.9
77°	2262.4	1436.2	2225.7	4087.4	3826.4	3116.9	1270.0	452.6	1340.8	2300.1	1992.9
78°	1892.9	1518.3	1932.3	3846.3	3604.1	2853.0	750.0	339.3	764.0	1770.2	1360.2
79°	1977.5	1942.0	2096.7	3385.5	3255.9	2331.8	231.3	234.2	382.5	1264.0	779.4
80°	2414.6	2238.3	2501.9	2869.4	2781.1	1646.7	164.1	129.1	265.2	773.0	383.4
81°	2571.6	2021.0	2510.9	2408.8	2203.5	961.6	133.3	110.9	154.5	392.5	290.5
82°	2030.2	1470.2	1854.0	2216.2	1654.2	286.9	113.1	96.3	126.4	259.5	200.1
83°	1468.4	919.4	1233.2	1985.1	1259.2	204.3	93.0	82.1	107.2	134.0	172.1
84°	906.6	374.5	621.1	1467.7	864.3	170.9	73.1	67.9	89.0	105.3	149.0
85°	354.3	299.8	337.7	950.3	473.8	139.7	57.5	53.3	69.6	81.0	126.7
86°	249.2	225.2	234.3	440.7	329.9	108.4	43.6	40.0	51.2	61.1	102.8
87°	144.2	150.5	130.9	353.0	186.0	77.3	31.2	26.8	36.6	43.6	74.7
88°	41.9	75.8	28.4	265.3	44.4	58.6	21.7	13.6	22.1	35.2	41.1
89°	21.8	1.3	15.1	177.5	23.4	39.9	12.1	4.4	7.5	26.9	31.2



REPORT NUMBER: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

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: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

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: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

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: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	2880.8	2880.8	2880.8
1°	2942.6	2951.6	2954.7
2°	3014.8	3031.3	3037.3
3°	3094.5	3120.9	3129.0
4°	3181.7	3219.3	3231.5
5°	3278.4	3327.1	3342.4
6°	3382.2	3446.2	3465.7
7°	3493.4	3572.1	3597.5
8°	3612.9	3706.8	3740.0
9°	3739.5	3854.9	3893.5
10°	3876.1	4012.5	4058.1
11°	4024.7	4182.8	4236.6
12°	4179.5	4359.3	4422.1
13°	4345.7	4552.7	4624.7
14°	4518.6	4752.8	4838.3
15°	4698.2	4958.0	5056.9
16°	4884.0	5174.3	5279.7
17°	5075.4	5391.6	5503.0
18°	5266.3	5604.7	5722.1
19°	5451.7	5809.5	5936.1
20°	5630.1	6007.3	6140.4
21°	5801.6	6194.0	6335.5
22°	5963.8	6367.8	6513.0
23°	6120.5	6541.6	6686.3
24°	6271.2	6707.6	6846.7
25°	6421.5	6868.5	7000.2
26°	6571.7	7009.4	7132.4
27°	6715.9	7134.7	7248.4
28°	6845.8	7244.7	7352.9
29°	6969.7	7354.3	7462.9
30°	7090.8	7478.6	7595.6
31°	7214.2	7592.3	7704.2
32°	7327.0	7674.1	7783.2
33°	7406.5	7711.1	7809.6
34°	7445.3	7698.2	7783.7
35°	7438.9	7636.7	7710.7
36°	7401.0	7550.7	7615.9
37°	7335.3	7463.4	7532.7
38°	7277.1	7407.0	7486.0
39°	7241.9	7375.5	7458.7
40°	7222.1	7357.0	7437.5
41°	7211.0	7341.3	7413.4
42°	7199.4	7324.7	7383.4
43°	7186.5	7303.0	7346.0
44°	7172.1	7276.2	7300.7

REPORT NUMBER: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	7153.2	7239.2	7245.2
46°	7130.5	7194.3	7183.7
47°	7103.3	7144.0	7119.5
48°	7069.1	7089.9	7053.8
49°	7027.5	7036.2	6987.3
50°	6979.4	6979.9	6916.1
51°	6923.0	6920.7	6837.5
52°	6859.2	6847.7	6748.3
53°	6794.5	6760.8	6648.9
54°	6726.1	6656.7	6531.9
55°	6650.3	6534.7	6403.9
56°	6562.5	6399.3	6254.1
57°	6458.4	6245.4	6085.4
58°	6337.8	6065.1	5893.6
59°	6202.8	5867.7	5689.7
60°	6049.4	5651.8	5445.2
61°	5873.7	5404.5	5145.2
62°	5682.3	5113.3	4789.8
63°	5477.1	4780.5	4387.4
64°	5245.1	4410.9	3979.6
65°	4989.4	4055.1	3598.1
66°	4707.9	3720.5	3273.6
67°	4422.5	3411.9	3019.8
68°	4131.9	3141.9	2817.4
69°	3854.4	2895.5	2611.9
70°	3587.0	2654.5	2290.0
71°	3310.1	2350.6	1787.1
72°	3002.7	1916.8	1186.9
73°	2692.2	1390.0	665.8
74°	2360.9	893.1	505.2
75°	1946.2	519.1	348.1
76°	1509.0	406.2	191.0
77°	1144.0	294.9	161.0
78°	843.4	183.7	140.3
79°	606.9	152.6	125.6
80°	463.1	131.5	112.9
81°	319.8	114.0	100.8
82°	176.5	99.9	89.3
83°	144.8	88.8	77.4
84°	116.4	75.0	65.7
85°	83.4	60.2	53.6
86°	61.1	47.5	41.3
87°	44.2	35.2	29.0
88°	28.7	23.0	16.7
89°	13.2	10.8	7.8



REPORT NUMBER: P1436819
CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

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: P1436819

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

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: P1436819
CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)