

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: P1436835

Luminaire Tested: XAS300-SFPM (5000K-240W-T5)

Issue Date: 3/25/2026

Test Information

Test Method: LM-79-2024
Report Number: P1436835
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-240W-T5)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 80% (240W)
OPTICS - TYPE 5
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

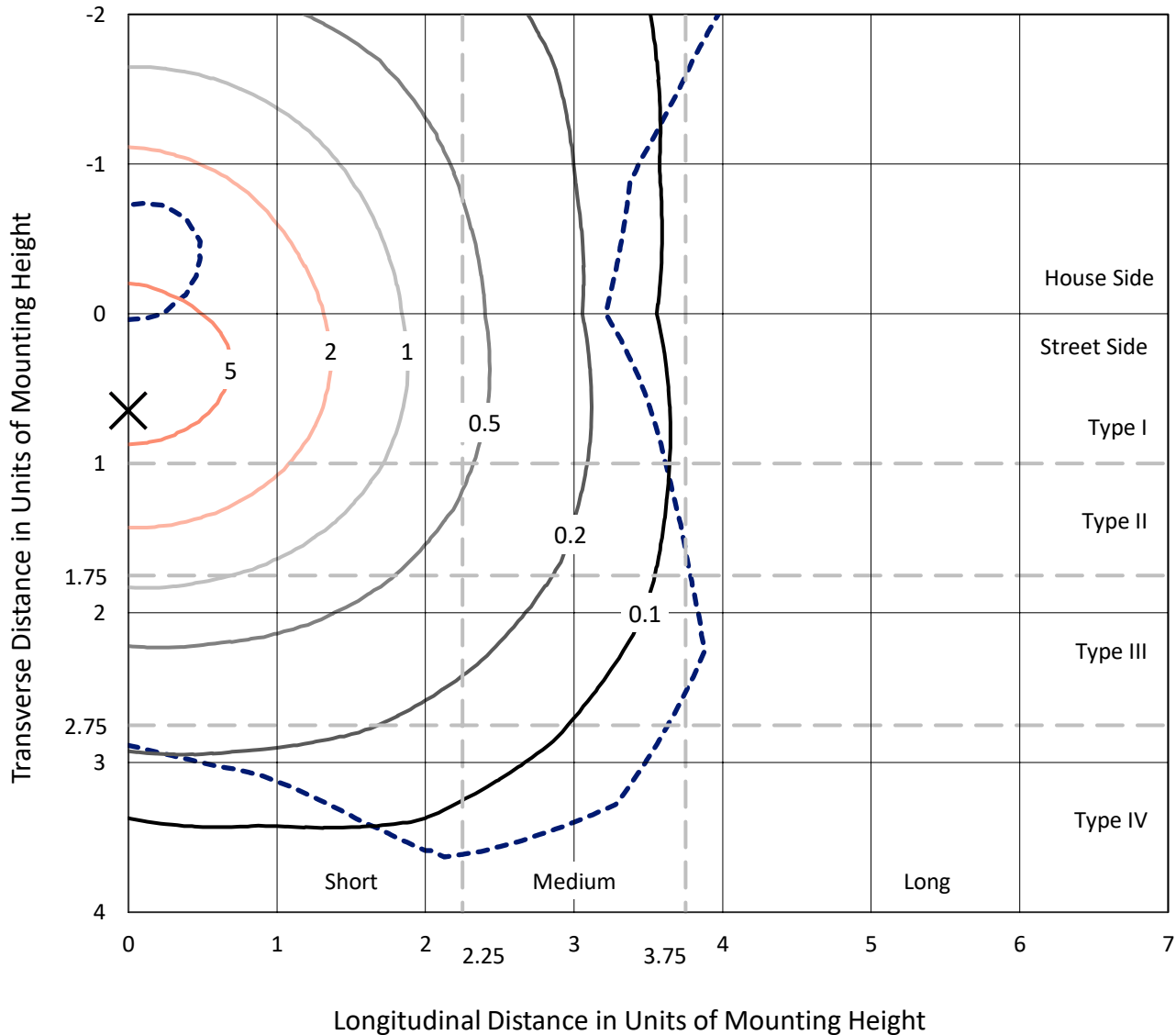
Lumens per Lamp: 46561 (1 lamp)
Luminaire Lumens: 37681.8 lumens
Efficiency: 80.9%
Efficacy: 151.8 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type IV - Short - Full Cutoff
BUG Rating: B5 - U0 - G5

Input Watts (W): 248.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1436835
 CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

Iso-Footcandle Lines of Horizontal Illumination

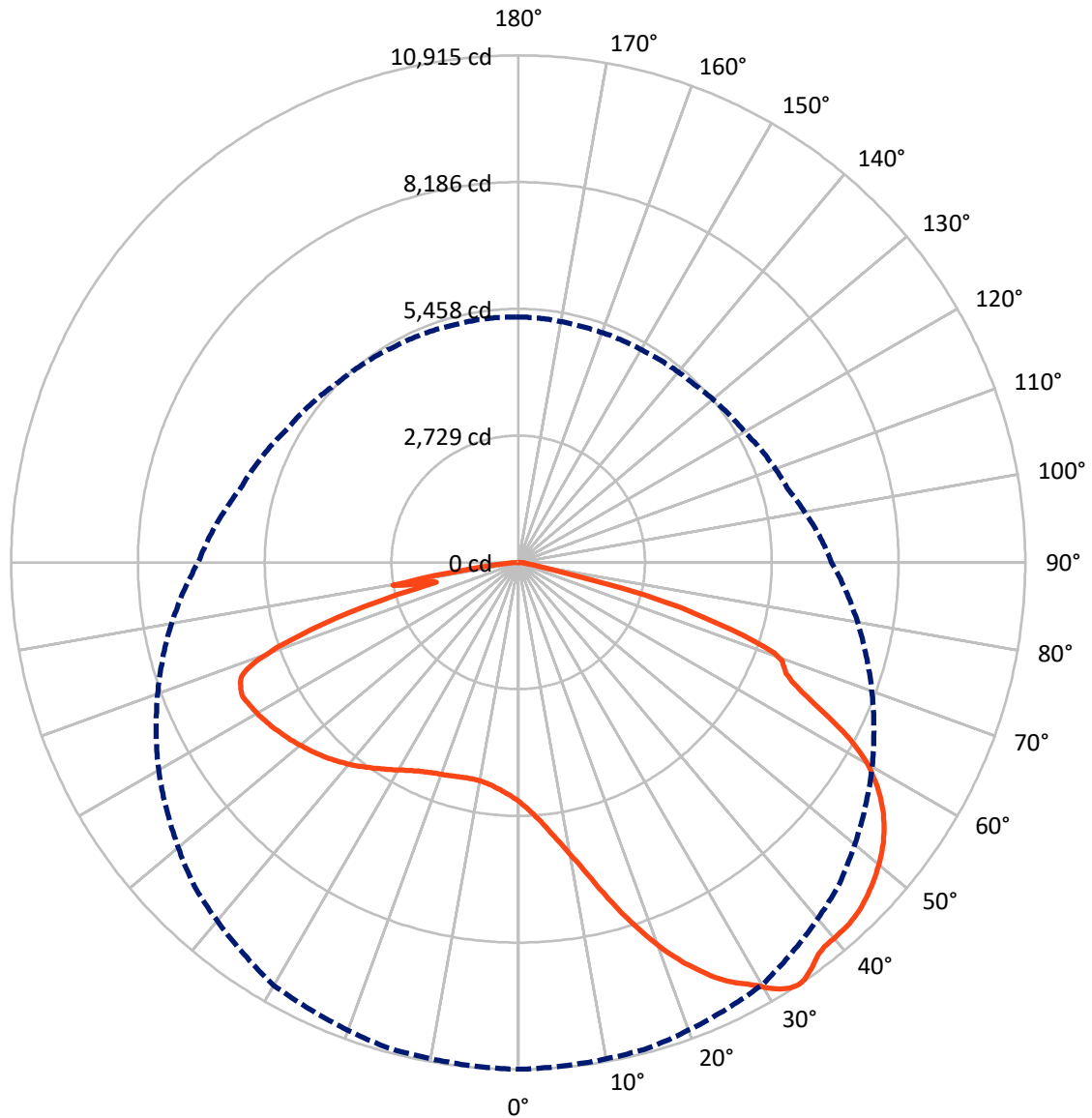
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 8.2 fc
 Type IV - Short - Full Cutoff

REPORT NUMBER: P1436835
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

Luminous Intensity Polar Plot



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

REPORT NUMBER: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

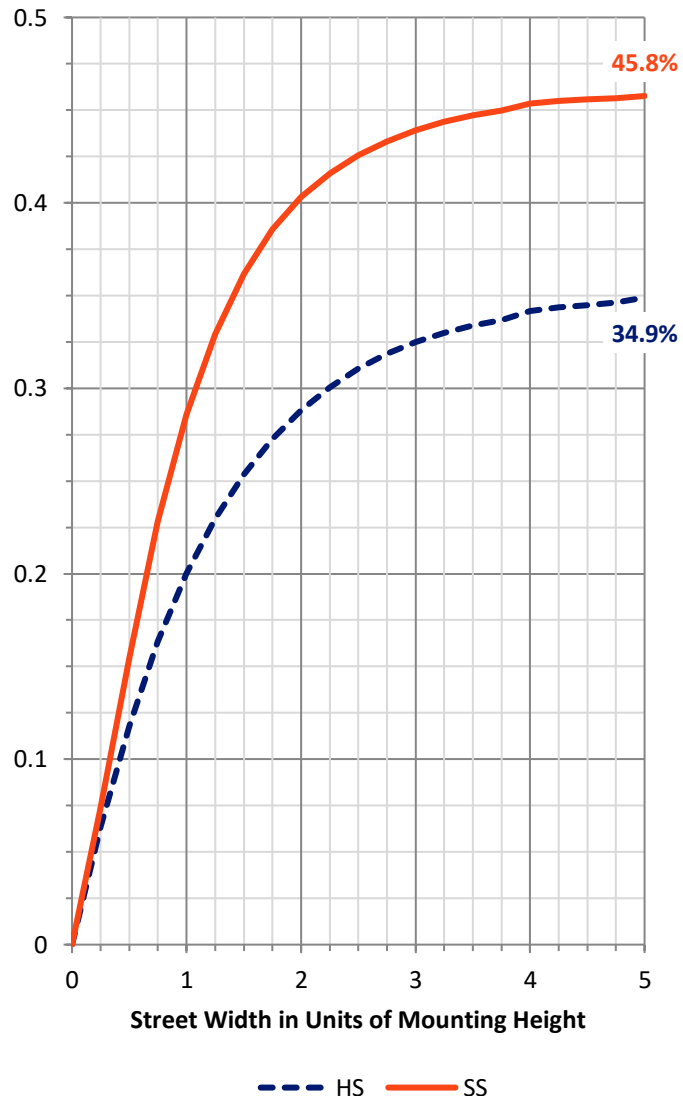
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16398.0	0.0	16398.0
	% Lamp	35.2	0.0	35.2
Street Side	Lumens	21283.9	0.0	21283.9
	% Lamp	45.7	0.0	45.7
Total	Lumens	37681.8	0.0	37681.8
	% Lamp	80.9	0.0	80.9

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	509.0	1.4	1.1
10°-20°	1684.0	4.5	3.6
20°-30°	3179.9	8.4	6.8
30°-40°	4792.1	12.7	10.3
40°-50°	6194.4	16.4	13.3
50°-60°	7419.0	19.7	15.9
60°-70°	7881.0	20.9	16.9
70°-80°	5400.4	14.3	11.6
80°-90°	622.1	1.7	1.3
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°	37681.8	100.0	80.9
0°-180°	37681.8	100.0	80.9

Coefficient of Utilization



REPORT NUMBER: P1436835

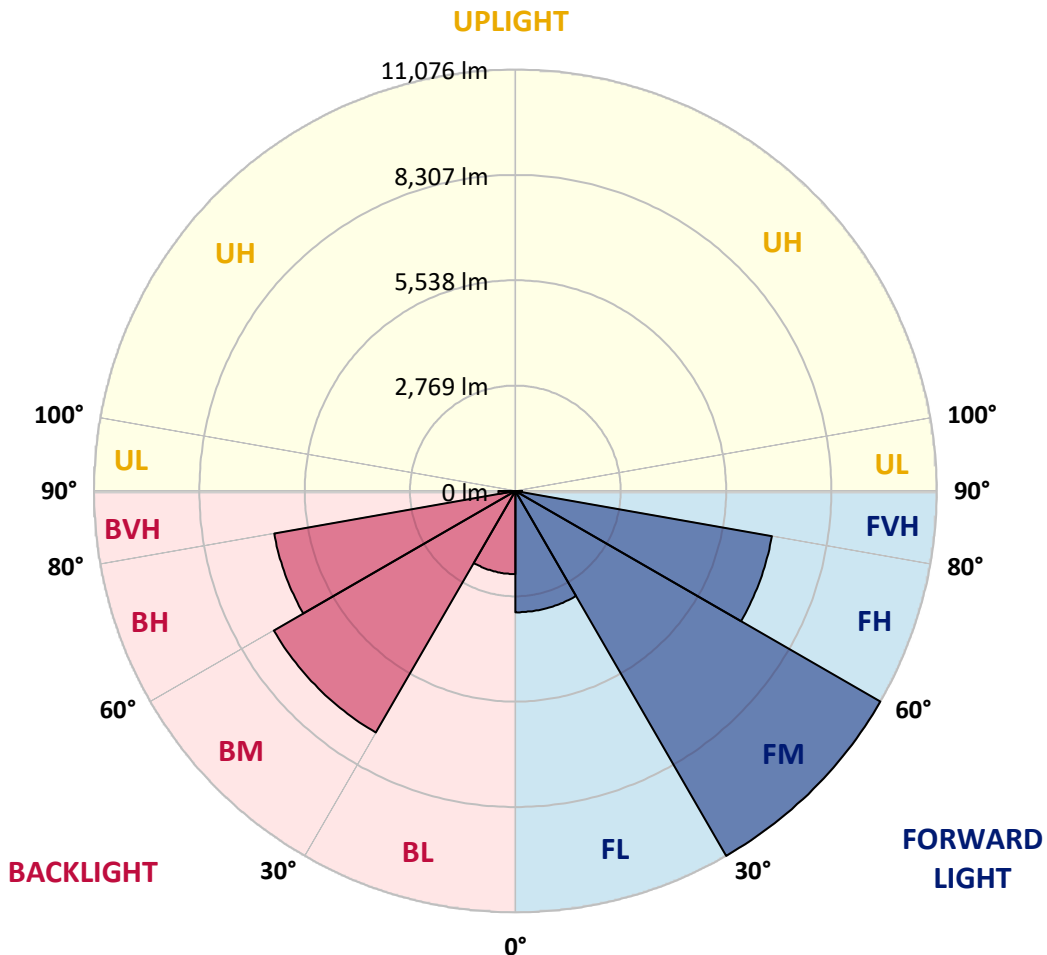
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3189.0	6.8			
FM (30°-60°)	11075.6	23.8			
FH (60°-80°)	6846.8	14.7			G3/7500
FVH (80°-90°)	172.5	0.4			G2/225
BL (0°-30°)	2183.9	4.7	B3/2500		
BM (30°-60°)	7329.9	15.7	B4/8500		
BH (60°-80°)	6434.6	13.8	B5		G5
BVH (80°-90°)	449.6	1.0			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	8879.2	19.1			

BUG Rating: B5-U0-G5

Type IV Short



REPORT NUMBER: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7
1°	5249.8	5248.0	5242.6	5234.7	5220.3	5202.3	5166.1	5147.4	5131.2	5117.8	5108.9
2°	5336.8	5331.2	5316.9	5294.0	5260.9	5224.1	5168.5	5131.9	5098.7	5072.7	5055.1
3°	5435.3	5425.5	5400.2	5358.5	5307.2	5249.9	5175.3	5120.2	5071.9	5035.1	5009.7
4°	5545.7	5530.8	5492.8	5433.9	5360.2	5281.3	5185.3	5112.3	5050.8	5003.2	4971.0
5°	5667.5	5646.9	5593.2	5515.8	5421.3	5318.5	5200.7	5110.1	5033.9	4977.6	4938.6
6°	5802.4	5776.6	5710.4	5607.2	5487.1	5357.9	5218.8	5110.7	5020.6	4955.3	4908.3
7°	5948.0	5917.6	5833.4	5707.6	5557.3	5400.6	5238.0	5112.8	5011.6	4935.7	4881.7
8°	6103.2	6067.6	5967.2	5816.2	5633.1	5447.6	5261.0	5118.9	5005.8	4919.1	4860.1
9°	6274.9	6234.9	6114.3	5932.7	5716.3	5499.1	5287.5	5126.6	5000.6	4906.1	4842.4
10°	6460.5	6408.0	6268.0	6058.2	5806.1	5554.2	5317.8	5136.4	4996.5	4898.5	4829.8
11°	6661.4	6601.9	6437.3	6190.8	5900.7	5613.9	5349.6	5149.2	4995.3	4892.5	4821.9
12°	6877.4	6804.7	6614.6	6334.0	6002.0	5678.5	5385.0	5166.3	4998.4	4890.1	4818.3
13°	7110.5	7025.2	6807.2	6484.3	6108.4	5746.7	5426.8	5186.0	5005.3	4890.4	4819.1
14°	7356.4	7261.0	7006.8	6645.0	6224.6	5821.3	5473.5	5209.1	5014.3	4894.2	4823.9
15°	7612.2	7503.9	7214.9	6813.7	6344.5	5898.6	5521.7	5234.9	5025.9	4901.2	4831.4
16°	7875.5	7749.8	7430.4	6987.1	6472.5	5981.6	5573.8	5266.1	5040.9	4910.4	4841.8
17°	8135.1	7999.0	7650.4	7161.7	6604.3	6070.1	5630.7	5298.9	5060.4	4923.7	4855.8
18°	8391.6	8246.0	7869.5	7344.0	6739.5	6163.1	5691.1	5335.4	5081.8	4940.7	4872.4
19°	8641.7	8488.8	8089.4	7522.6	6876.2	6258.0	5751.5	5374.2	5106.9	4958.6	4890.4
20°	8885.3	8720.2	8300.2	7700.7	7016.2	6353.7	5814.5	5416.0	5134.0	4981.2	4911.7
21°	9113.5	8946.0	8509.0	7879.0	7158.6	6455.0	5880.3	5459.8	5163.7	5004.9	4932.1
22°	9329.6	9159.7	8704.8	8053.0	7299.6	6559.9	5946.8	5503.8	5196.3	5031.3	4955.7
23°	9529.5	9366.8	8898.3	8225.7	7444.4	6665.8	6013.2	5547.7	5229.9	5059.4	4980.2
24°	9722.9	9561.1	9083.6	8390.8	7582.1	6770.8	6077.5	5592.1	5265.0	5087.6	5006.3
25°	9907.5	9750.5	9266.5	8554.3	7720.8	6873.0	6142.8	5635.6	5300.9	5117.9	5033.1
26°	10063.7	9918.8	9442.9	8714.6	7855.3	6978.4	6210.4	5680.5	5338.6	5148.5	5060.2
27°	10206.9	10071.7	9614.5	8868.3	7989.3	7086.1	6278.2	5724.5	5376.3	5179.4	5088.8
28°	10335.6	10206.9	9772.3	9022.1	8122.1	7193.4	6349.0	5769.1	5414.6	5212.3	5117.5
29°	10473.2	10340.4	9922.0	9172.6	8250.0	7303.9	6423.5	5817.2	5455.0	5244.0	5149.7
30°	10636.6	10496.6	10068.5	9324.0	8377.9	7418.5	6501.6	5868.2	5496.0	5278.3	5182.1
31°	10773.4	10643.1	10229.6	9478.5	8511.4	7531.0	6581.4	5919.6	5538.2	5313.7	5217.0
32°	10875.4	10758.0	10378.5	9633.1	8649.0	7641.5	6665.1	5971.4	5581.2	5351.1	5252.4
33°	10915.0	10825.2	10502.3	9782.8	8797.9	7751.7	6746.9	6023.5	5624.2	5388.9	5287.4
34°	10892.4	10821.2	10585.7	9918.0	8942.8	7875.1	6832.4	6077.0	5663.7	5425.4	5322.3
35°	10814.7	10759.7	10601.0	10024.0	9069.0	8006.0	6921.0	6132.1	5704.3	5464.5	5361.0
36°	10711.9	10669.8	10563.0	10093.6	9182.3	8133.5	7013.1	6189.2	5745.6	5505.1	5402.3
37°	10625.3	10566.2	10498.3	10109.0	9267.3	8243.5	7104.1	6244.2	5790.2	5547.3	5449.7
38°	10584.8	10499.1	10431.1	10090.4	9332.9	8338.2	7199.3	6295.7	5835.3	5594.5	5498.9
39°	10570.3	10465.1	10382.5	10065.3	9363.6	8417.5	7296.6	6351.2	5881.7	5645.6	5550.3
40°	10565.4	10448.1	10359.1	10052.3	9373.3	8476.6	7384.7	6410.9	5930.2	5702.5	5604.1
41°	10561.4	10436.7	10351.8	10052.3	9387.9	8518.7	7459.6	6476.2	5981.3	5757.0	5657.0
42°	10549.2	10427.8	10351.0	10067.7	9416.2	8556.7	7520.8	6537.4	6036.7	5817.1	5711.9
43°	10525.8	10414.9	10350.1	10094.4	9451.0	8602.1	7570.8	6593.1	6095.7	5877.9	5764.0
44°	10488.5	10398.7	10346.9	10125.2	9493.1	8660.3	7620.2	6647.0	6158.5	5943.3	5815.7



REPORT NUMBER: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	10439.2	10371.2	10339.6	10153.5	9540.8	8725.1	7673.8	6703.9	6220.9	6008.1	5865.8
46°	10378.5	10335.6	10327.5	10177.0	9594.3	8789.8	7731.9	6764.2	6286.5	6072.5	5914.9
47°	10312.9	10297.5	10312.9	10194.0	9648.5	8857.0	7787.7	6830.9	6351.2	6135.2	5966.2
48°	10243.3	10254.7	10293.5	10206.1	9701.1	8925.0	7845.0	6901.6	6416.5	6197.9	6016.4
49°	10171.3	10210.1	10266.0	10214.2	9753.7	8990.5	7899.2	6972.4	6484.8	6259.4	6071.6
50°	10093.6	10164.0	10232.8	10217.4	9802.3	9056.1	7950.0	7046.5	6553.0	6320.2	6127.2
51°	10005.4	10110.6	10193.1	10216.6	9846.8	9116.8	7996.2	7120.4	6620.2	6382.2	6188.1
52°	9906.7	10045.0	10147.8	10210.9	9892.1	9177.5	8038.2	7194.0	6687.4	6445.9	6252.5
53°	9797.4	9971.4	10099.3	10204.5	9930.1	9230.9	8075.8	7264.5	6757.9	6512.2	6320.7
54°	9674.4	9876.7	10046.7	10190.7	9962.5	9280.3	8114.1	7330.8	6831.6	6582.3	6392.9
55°	9537.6	9765.8	9988.4	10172.1	9990.8	9324.0	8148.9	7393.3	6905.4	6655.0	6467.3
56°	9382.2	9638.0	9916.4	10143.8	10013.5	9362.0	8182.0	7453.3	6980.5	6732.7	6540.7
57°	9206.6	9490.7	9829.8	10106.5	10028.0	9394.4	8211.2	7511.1	7058.3	6816.4	6613.8
58°	9011.6	9320.7	9723.7	10062.0	10033.7	9419.5	8233.0	7563.6	7139.5	6905.0	6684.1
59°	8803.6	9127.3	9606.4	10011.9	10028.9	9434.0	8249.2	7611.2	7216.8	6995.1	6749.2
60°	8554.3	8911.2	9470.4	9952.0	10011.9	9437.3	8257.3	7654.1	7294.6	7089.8	6811.1
61°	8245.2	8659.5	9319.1	9877.5	9980.3	9421.9	8254.1	7687.5	7375.2	7188.0	6880.4
62°	7877.2	8357.6	9149.1	9788.5	9943.1	9387.9	8239.5	7712.9	7457.5	7288.6	6950.4
63°	7464.3	8009.1	8954.9	9681.7	9890.5	9346.6	8220.9	7732.9	7538.9	7389.9	7020.0
64°	7055.6	7640.4	8738.0	9558.7	9818.4	9286.7	8190.9	7739.4	7616.7	7494.4	7085.8
65°	6700.8	7295.4	8503.3	9414.6	9734.3	9209.8	8144.0	7737.5	7691.7	7595.5	7149.6
66°	6419.2	6979.2	8250.8	9251.1	9631.5	9121.6	8072.0	7728.3	7755.1	7696.0	7214.9
67°	6239.0	6714.4	8003.7	9059.3	9495.5	8996.2	7965.8	7689.9	7813.2	7787.0	7273.7
68°	6146.6	6520.1	7767.4	8841.6	9334.5	8826.2	7796.1	7618.4	7862.1	7875.5	7327.0
69°	6066.4	6383.9	7548.9	8600.4	9132.2	8605.3	7528.3	7484.3	7894.6	7952.2	7355.6
70°	5839.6	6264.2	7345.9	8339.8	8886.1	8294.5	7114.2	7252.1	7892.1	8019.9	7372.2
71°	5389.1	6053.3	7168.1	8073.5	8597.2	7873.6	6519.2	6906.5	7838.7	8066.6	7373.0
72°	4788.3	5688.8	6994.0	7801.7	8261.3	7353.0	5868.7	6454.8	7721.1	8087.3	7324.6
73°	4186.8	5177.3	6795.2	7538.2	7871.6	6745.1	5264.3	5945.3	7516.5	8053.7	7233.0
74°	3630.2	4608.2	6549.8	7264.4	7419.3	6113.1	4713.4	5460.8	7248.5	7951.9	7079.8
75°	2821.1	3982.5	6231.5	6933.5	6920.0	5448.3	4069.7	4995.8	6923.8	7761.8	6797.0
76°	1725.3	3207.3	5784.2	6559.4	6372.4	4727.6	3111.9	4404.2	6592.2	7457.5	6411.5
77°	763.6	2118.6	5209.4	6032.3	5756.5	3790.7	2020.2	3495.8	6221.6	6959.1	5981.9
78°	573.9	1025.4	4476.6	5324.6	5012.8	2604.2	935.5	2484.6	5756.2	6224.5	5441.3
79°	397.4	748.5	3537.0	4436.7	4126.5	1437.0	379.9	1473.3	5000.1	5248.2	4708.1
80°	221.0	487.8	2283.0	3355.9	3074.6	657.3	252.9	473.6	3822.7	4178.6	3955.4
81°	192.7	227.1	1156.2	2201.7	1874.9	452.1	218.5	286.5	2707.4	3225.1	3327.6
82°	169.6	194.5	845.1	1076.4	868.4	259.4	192.2	234.0	1592.3	2432.5	2929.3
83°	147.1	168.0	544.7	797.8	626.8	213.4	166.0	198.5	498.8	1941.7	2729.8
84°	124.5	141.9	244.4	528.0	408.2	178.6	139.7	163.0	328.2	1450.9	2068.2
85°	101.3	115.9	181.3	258.2	189.5	145.2	115.3	127.6	264.3	961.9	1406.6
86°	75.9	91.6	132.8	210.7	144.9	111.7	90.7	100.0	212.3	592.1	758.9
87°	55.0	68.9	99.2	161.3	109.6	81.6	65.4	75.1	160.3	411.9	529.8
88°	34.2	46.2	68.6	105.7	78.5	57.0	41.7	53.0	108.8	231.6	300.7
89°	13.4	23.6	37.9	56.3	43.9	32.4	29.3	36.9	74.2	51.8	76.4



REPORT NUMBER: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-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: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-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: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-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: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7	5174.7
1°	5105.0	5105.2	5111.9	5122.2	5138.0	5155.1	5173.4	5174.0	5192.1	5209.1	5225.5
2°	5046.3	5045.8	5055.0	5073.0	5098.3	5130.4	5165.2	5184.3	5221.4	5256.5	5288.1
3°	4996.6	4993.7	5005.8	5029.1	5063.1	5108.5	5159.5	5197.2	5254.4	5309.4	5359.1
4°	4953.6	4950.9	4964.0	4991.5	5034.5	5090.8	5157.1	5212.9	5290.2	5367.4	5439.0
5°	4916.3	4911.8	4928.1	4960.3	5010.0	5076.3	5156.9	5230.8	5328.5	5428.5	5524.8
6°	4881.0	4876.5	4894.4	4931.5	4988.5	5064.9	5160.9	5252.6	5371.0	5496.5	5617.5
7°	4850.8	4845.0	4864.5	4906.6	4968.8	5055.5	5165.4	5276.1	5417.7	5569.7	5717.1
8°	4825.1	4818.1	4839.8	4886.4	4953.1	5047.9	5171.8	5301.4	5467.5	5648.4	5823.8
9°	4805.3	4796.8	4820.3	4867.9	4942.0	5042.8	5181.0	5329.7	5521.8	5732.3	5939.1
10°	4789.3	4781.3	4804.3	4854.6	4932.8	5040.7	5195.1	5364.0	5580.1	5822.9	6064.4
11°	4779.8	4771.4	4794.4	4846.7	4926.9	5044.2	5212.8	5403.1	5645.8	5921.0	6198.4
12°	4776.9	4767.1	4789.5	4842.5	4926.4	5050.6	5234.3	5446.4	5716.7	6025.7	6341.2
13°	4778.0	4766.9	4790.5	4843.2	4929.6	5061.8	5259.6	5492.0	5792.5	6137.7	6498.4
14°	4781.3	4771.1	4794.5	4848.9	4935.4	5075.0	5287.4	5539.3	5870.5	6257.9	6661.0
15°	4789.4	4778.0	4800.9	4856.9	4945.6	5092.0	5317.8	5592.9	5953.9	6382.8	6833.6
16°	4800.2	4788.5	4811.5	4868.0	4961.2	5112.3	5351.3	5650.3	6041.1	6516.4	7012.5
17°	4812.7	4801.5	4825.7	4882.6	4978.7	5136.1	5387.8	5709.9	6134.2	6652.9	7194.8
18°	4828.6	4816.1	4842.6	4901.5	4998.0	5161.9	5428.0	5773.6	6228.5	6795.1	7384.3
19°	4846.4	4831.2	4861.3	4923.0	5020.5	5190.0	5469.5	5837.6	6326.6	6939.0	7567.4
20°	4864.0	4847.1	4881.0	4946.7	5045.3	5221.9	5515.2	5903.8	6428.7	7084.8	7753.7
21°	4880.7	4863.3	4902.6	4972.8	5073.6	5256.2	5562.2	5972.2	6535.2	7233.9	7934.1
22°	4899.0	4879.9	4924.5	4999.2	5102.8	5292.8	5610.6	6039.5	6640.5	7380.3	8110.8
23°	4919.1	4900.0	4947.3	5028.0	5133.4	5330.9	5659.1	6107.1	6749.4	7528.7	8283.2
24°	4942.6	4923.5	4972.0	5058.0	5163.6	5371.1	5709.2	6174.2	6857.0	7673.8	8449.1
25°	4967.9	4949.7	5000.1	5090.5	5194.4	5412.6	5757.6	6243.8	6966.4	7817.0	8610.2
26°	4996.0	4980.3	5031.2	5122.5	5226.1	5453.2	5807.5	6311.8	7076.9	7953.7	8768.0
27°	5027.8	5014.8	5064.8	5153.5	5258.5	5494.6	5857.2	6383.8	7187.2	8091.6	8929.0
28°	5062.2	5052.7	5102.2	5184.8	5293.4	5536.9	5908.7	6460.2	7300.6	8225.7	9093.3
29°	5099.8	5093.8	5141.1	5218.2	5328.8	5578.1	5962.7	6539.3	7417.9	8362.5	9251.1
30°	5138.7	5138.9	5180.1	5251.2	5365.8	5620.1	6018.6	6622.7	7536.5	8504.9	9407.3
31°	5177.2	5183.7	5218.8	5285.3	5403.9	5661.3	6075.1	6710.2	7661.1	8653.9	9574.8
32°	5216.8	5233.3	5258.4	5319.5	5441.8	5703.2	6129.7	6796.9	7787.8	8799.5	9720.5
33°	5257.4	5283.4	5298.5	5354.9	5480.2	5743.6	6185.0	6890.1	7919.5	8940.3	9860.5
34°	5298.7	5331.8	5338.2	5390.2	5517.4	5781.6	6241.7	6983.4	8043.2	9071.5	9973.8
35°	5340.4	5383.3	5379.4	5428.5	5555.6	5820.8	6299.6	7076.6	8159.4	9187.2	10053.1
36°	5383.0	5436.9	5421.3	5470.0	5594.3	5862.3	6355.9	7165.5	8270.2	9277.8	10087.1
37°	5426.8	5488.7	5461.9	5517.3	5637.5	5904.7	6408.1	7258.8	8364.9	9332.0	10090.4
38°	5467.2	5539.5	5500.7	5567.4	5687.4	5949.2	6460.6	7345.8	8437.0	9357.9	10070.9
39°	5506.6	5593.6	5539.3	5621.0	5741.0	5996.3	6508.6	7423.6	8488.8	9374.1	10050.7
40°	5548.5	5647.8	5579.9	5674.7	5797.1	6043.4	6560.2	7492.1	8525.2	9391.1	10045.9
41°	5591.1	5697.4	5623.8	5728.8	5856.8	6094.2	6609.8	7554.6	8559.2	9416.2	10061.2
42°	5634.8	5747.7	5670.2	5781.7	5920.2	6147.2	6664.3	7612.8	8605.3	9449.4	10092.8
43°	5679.5	5795.5	5717.7	5833.4	5984.4	6202.6	6726.4	7671.8	8667.6	9489.9	10129.2
44°	5725.0	5842.8	5767.5	5885.6	6046.7	6265.6	6792.1	7729.3	8736.4	9540.8	10163.2



REPORT NUMBER: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	5772.8	5889.6	5817.3	5937.4	6109.2	6331.3	6857.7	7784.6	8802.0	9599.1	10192.3
46°	5822.7	5934.4	5870.7	5989.8	6170.2	6400.8	6921.2	7840.3	8865.9	9662.2	10216.6
47°	5877.3	5981.8	5926.3	6041.5	6231.4	6474.3	6989.9	7897.7	8929.8	9724.6	10233.6
48°	5937.3	6022.3	5985.8	6093.4	6290.7	6550.6	7066.3	7948.1	8998.6	9781.2	10244.9
49°	6000.5	6063.2	6047.8	6148.5	6351.2	6624.5	7142.6	7994.2	9067.4	9833.0	10253.8
50°	6062.7	6103.8	6113.2	6207.3	6412.7	6696.6	7218.7	8035.5	9130.5	9878.3	10257.9
51°	6127.1	6147.8	6177.6	6269.3	6475.0	6764.9	7293.7	8074.0	9190.4	9919.6	10257.9
52°	6192.7	6189.0	6245.0	6335.8	6540.9	6833.0	7365.7	8114.1	9243.8	9956.8	10254.7
53°	6258.6	6227.6	6311.1	6405.6	6608.4	6903.6	7431.6	8149.7	9291.6	9990.0	10249.0
54°	6324.0	6264.7	6374.6	6477.3	6680.1	6975.7	7491.6	8183.7	9332.0	10017.5	10236.8
55°	6383.1	6303.2	6431.4	6552.9	6757.2	7051.2	7546.5	8211.2	9365.2	10036.1	10219.0
56°	6434.3	6340.7	6481.6	6628.2	6838.8	7128.6	7596.7	8236.3	9389.5	10051.5	10190.7
57°	6477.0	6377.7	6528.5	6704.9	6925.4	7204.2	7642.3	8258.9	9400.8	10057.2	10153.5
58°	6518.6	6413.5	6570.7	6773.3	7017.9	7279.7	7683.8	8273.5	9407.3	10049.1	10098.5
59°	6557.8	6448.8	6609.8	6836.5	7112.7	7355.0	7718.7	8277.5	9403.3	10031.3	10038.6
60°	6594.5	6479.3	6643.6	6901.3	7210.4	7427.7	7744.8	8272.7	9383.0	10006.2	9966.5
61°	6624.8	6507.6	6672.0	6972.7	7309.7	7500.0	7761.6	8267.0	9349.9	9971.4	9891.3
62°	6649.1	6537.0	6698.3	7044.4	7411.3	7575.5	7769.5	8254.9	9306.2	9918.8	9802.3
63°	6677.5	6564.5	6726.8	7106.9	7509.4	7649.7	7772.4	8225.7	9247.9	9850.0	9693.8
64°	6703.3	6592.6	6757.1	7164.7	7611.9	7719.4	7765.1	8181.2	9173.4	9763.4	9557.8
65°	6727.0	6597.8	6777.8	7223.7	7711.4	7785.9	7745.1	8105.1	9070.6	9655.8	9395.2
66°	6740.2	6563.3	6776.4	7285.3	7803.3	7845.2	7699.9	7985.0	8932.3	9522.2	9205.8
67°	6733.5	6524.4	6759.6	7336.3	7891.5	7881.5	7617.9	7823.4	8748.5	9368.5	8999.4
68°	6713.9	6456.0	6734.8	7377.8	7966.8	7886.1	7489.4	7560.6	8513.0	9176.7	8773.6
69°	6654.4	6277.9	6664.2	7399.5	8029.3	7861.0	7287.8	7148.0	8212.8	8943.6	8532.5
70°	6522.9	5976.4	6509.9	7401.2	8074.8	7800.9	6961.9	6566.0	7801.0	8666.0	8266.2
71°	6288.7	5518.5	6247.2	7373.8	8097.1	7685.3	6502.4	5891.8	7257.9	8328.5	7985.7
72°	5908.9	4956.2	5837.2	7307.0	8077.0	7517.0	5998.1	5290.1	6647.1	7954.4	7703.0
73°	5382.7	4379.0	5331.8	7200.2	7975.3	7263.5	5528.3	4748.4	5992.3	7495.3	7407.7
74°	4809.4	3801.0	4756.3	6996.0	7780.1	6961.9	5078.8	4131.1	5349.6	6962.8	7089.2
75°	4213.5	3077.6	4138.8	6670.4	7500.6	6646.1	4458.8	3177.9	4625.6	6368.4	6707.7
76°	3576.0	2316.9	3493.8	6283.9	7075.7	6305.8	3538.5	1982.2	3710.6	5742.6	6256.1
77°	2856.7	1813.9	2818.9	5833.0	6430.7	5849.4	2504.3	926.9	2562.0	5023.9	5627.5
78°	2384.8	1902.2	2419.2	5252.8	5552.1	5126.5	1470.1	677.0	1392.0	4155.8	4750.4
79°	2466.5	2399.0	2601.6	4498.8	4581.0	4026.1	438.4	452.5	618.9	3152.6	3718.7
80°	2964.2	2738.2	3083.2	3720.4	3627.5	2844.4	285.8	228.0	439.7	1987.3	2575.2
81°	3136.7	2123.6	3075.0	3035.3	2818.1	1662.6	235.1	195.8	262.2	946.9	1424.9
82°	2372.2	1508.9	2307.8	2753.0	2242.9	504.0	201.7	170.6	217.1	691.3	1028.0
83°	1607.8	896.7	1540.5	2169.7	1667.6	338.3	168.3	146.0	183.7	448.5	651.9
84°	846.9	478.5	777.2	1586.6	1094.9	277.5	135.1	121.3	152.5	205.6	275.8
85°	447.6	288.5	432.9	1003.5	637.4	225.9	107.6	95.3	118.8	153.8	232.2
86°	358.5	101.0	346.8	558.3	448.8	174.3	82.9	71.6	89.1	117.4	187.1
87°	269.4	68.1	260.7	446.9	260.2	122.7	60.0	47.9	63.9	85.9	132.8
88°	180.3	35.2	174.6	335.6	73.3	93.2	41.4	24.3	38.8	54.8	72.6
89°	91.2	3.1	88.5	224.2	38.7	63.6	22.8	8.1	13.8	41.6	54.7



REPORT NUMBER: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-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: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-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: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-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: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	5174.7	5174.7	5174.7
1°	5236.4	5246.0	5249.8
2°	5314.1	5331.6	5336.8
3°	5401.1	5427.3	5435.3
4°	5497.0	5533.8	5545.7
5°	5601.2	5651.4	5667.5
6°	5716.1	5780.9	5802.4
7°	5840.2	5921.3	5948.0
8°	5972.6	6071.1	6103.2
9°	6116.8	6235.2	6274.9
10°	6272.4	6415.2	6460.5
11°	6440.0	6607.3	6661.4
12°	6618.7	6811.5	6877.4
13°	6813.1	7033.1	7110.5
14°	7012.5	7265.4	7356.4
15°	7221.8	7507.6	7612.2
16°	7443.1	7760.0	7875.5
17°	7672.0	8011.3	8135.1
18°	7898.5	8266.2	8391.6
19°	8118.1	8507.4	8641.7
20°	8332.6	8739.6	8885.3
21°	8540.6	8959.0	9113.5
22°	8738.8	9169.4	9329.6
23°	8928.2	9377.4	9529.5
24°	9113.5	9577.3	9722.9
25°	9298.1	9769.9	9907.5
26°	9481.0	9945.5	10063.7
27°	9658.2	10100.1	10206.9
28°	9816.8	10234.4	10335.6
29°	9967.3	10373.6	10473.2
30°	10119.5	10526.6	10636.6
31°	10270.8	10668.2	10773.4
32°	10413.3	10771.8	10875.4
33°	10516.1	10822.8	10915.0
34°	10570.3	10813.1	10892.4
35°	10571.1	10749.1	10814.7
36°	10535.5	10651.2	10711.9
37°	10469.1	10555.7	10625.3
38°	10409.2	10492.6	10584.8
39°	10379.3	10465.1	10570.3
40°	10368.8	10451.3	10565.4
41°	10366.3	10444.8	10561.4
42°	10366.3	10437.6	10549.2
43°	10367.1	10428.7	10525.8
44°	10367.1	10413.3	10488.5



REPORT NUMBER: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	10364.7	10386.6	10439.2
46°	10359.9	10351.0	10378.5
47°	10349.3	10311.3	10312.9
48°	10334.0	10268.4	10243.3
49°	10307.3	10223.9	10171.3
50°	10274.9	10181.0	10093.6
51°	10233.6	10130.8	10005.4
52°	10185.9	10068.5	9906.7
53°	10135.7	9994.1	9797.4
54°	10083.9	9898.6	9674.4
55°	10024.8	9786.9	9537.6
56°	9953.6	9658.2	9382.2
57°	9865.4	9508.5	9206.6
58°	9756.9	9336.1	9011.6
59°	9637.2	9140.2	8803.6
60°	9499.6	8926.6	8554.3
61°	9339.3	8683.0	8245.2
62°	9164.5	8390.8	7877.2
63°	8980.0	8049.9	7464.3
64°	8775.2	7677.8	7055.6
65°	8546.2	7331.0	6700.8
66°	8299.4	7032.3	6419.2
67°	8055.0	6778.3	6239.0
68°	7812.2	6586.3	6146.6
69°	7601.3	6436.6	6066.4
70°	7416.4	6304.6	5839.6
71°	7225.0	6092.4	5389.1
72°	7006.7	5717.1	4788.3
73°	6799.6	5197.3	4186.8
74°	6535.9	4600.2	3630.2
75°	6144.1	3952.5	2821.1
76°	5625.6	3163.5	1725.3
77°	5026.3	2117.4	763.6
78°	4260.5	1063.8	573.9
79°	3200.1	768.4	397.4
80°	1858.6	501.2	221.0
81°	888.8	233.9	192.7
82°	662.9	194.2	169.6
83°	442.8	169.4	147.1
84°	222.6	142.0	124.5
85°	162.5	114.0	101.3
86°	122.1	88.6	75.9
87°	89.6	65.5	55.0
88°	71.8	42.5	34.2
89°	54.6	19.5	13.4



REPORT NUMBER: P1436835
CATALOG NUMBER: XAS300-SFPM (5000K-240W-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: P1436835

CATALOG NUMBER: XAS300-SFPM (5000K-240W-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: P1436835
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)