

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: P1445060

Luminaire Tested: XAS300-SFPM (3000K-300W-T5)

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445060
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA ()
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/5/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XAS300-SFPM (3000K-300W-T5)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 100% (300W)
OPTICS - TYPE 5
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 45535 (1 lamp)
Luminaire Lumens: 40860 lumens
Efficiency: 89.7%
Efficacy: 137.0 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type V - Short - Semi-Cutoff
BUG Rating: B5 - U0 - G4

Input Watts (W): 298.2
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

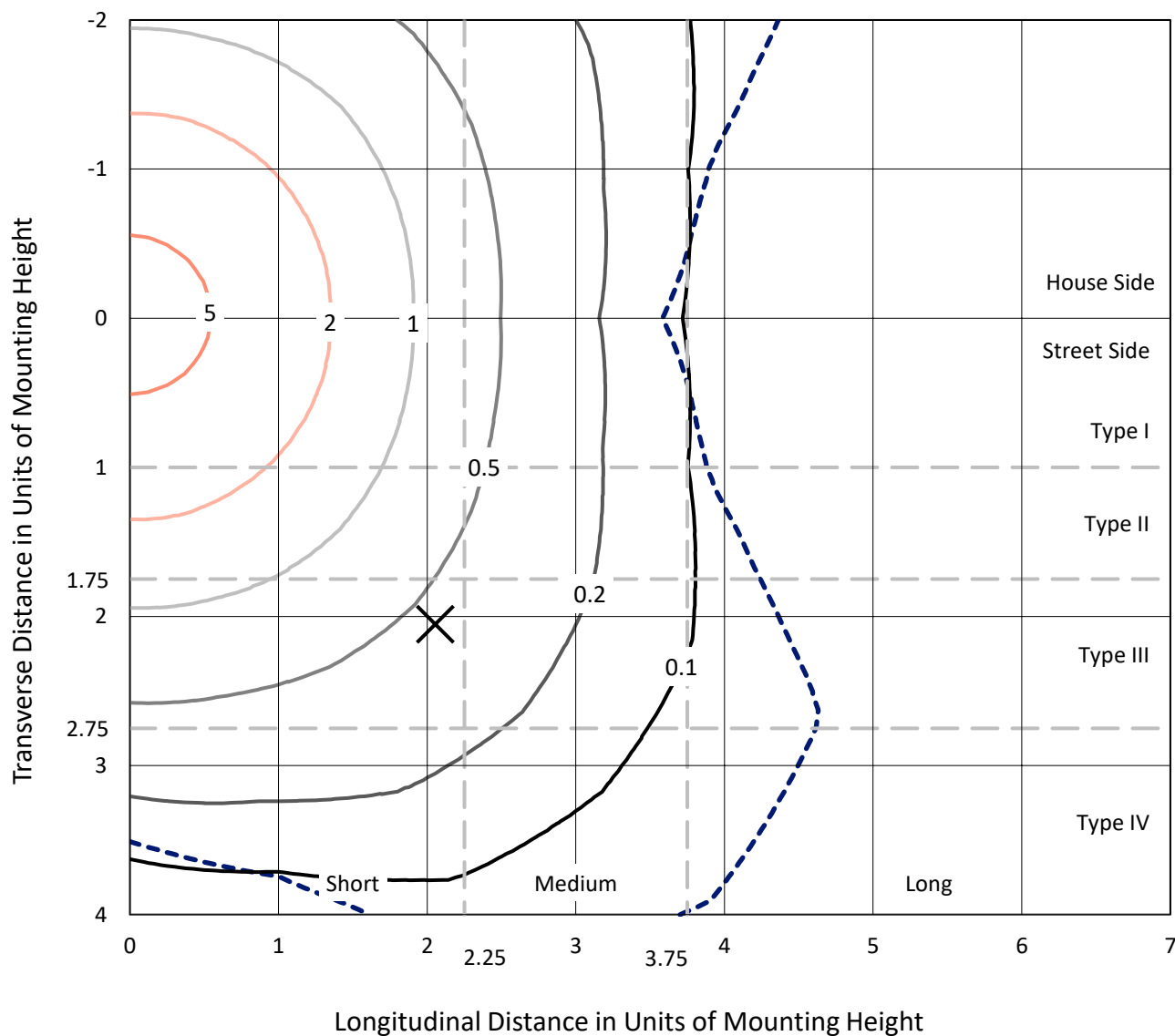
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

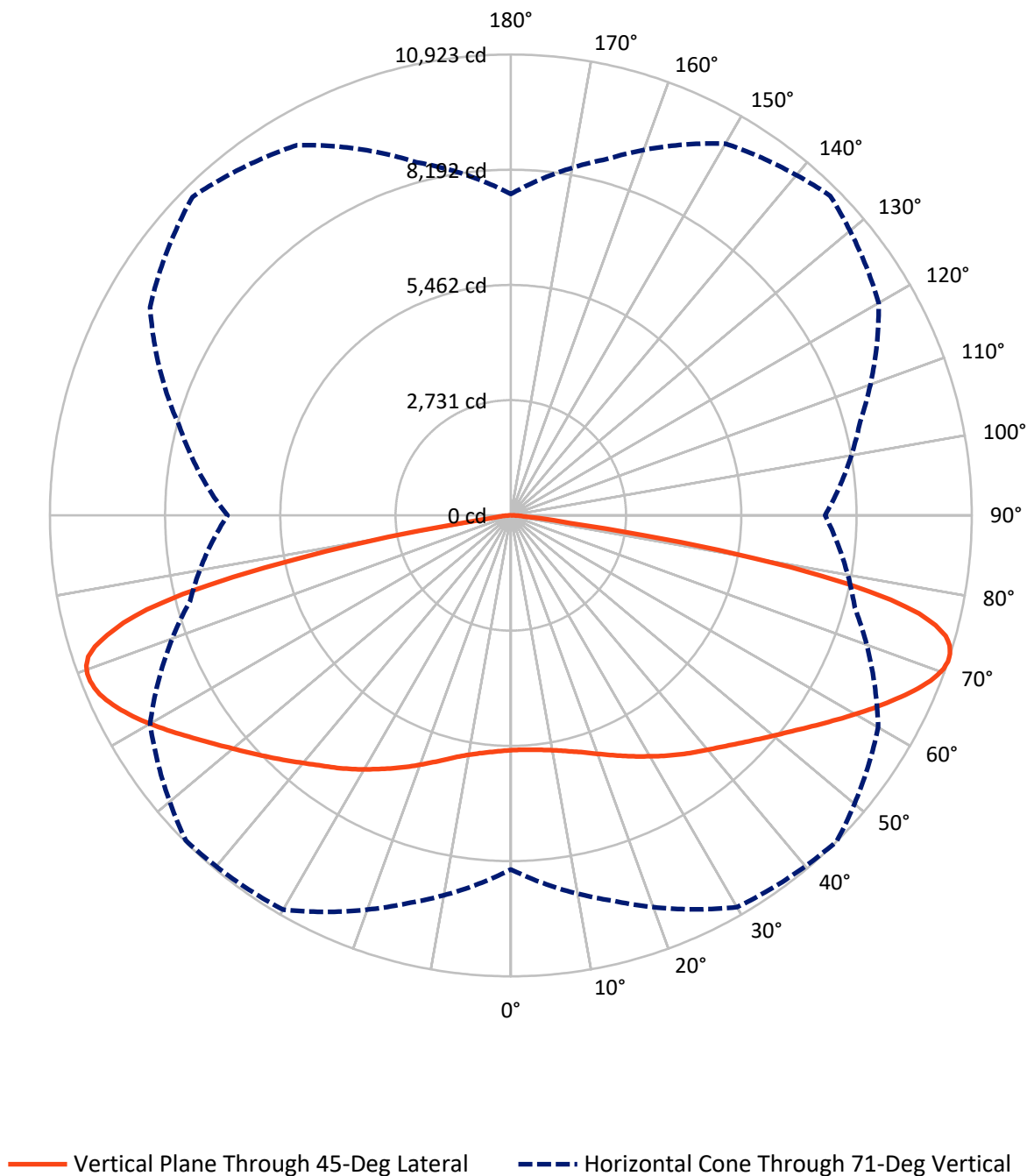


Based on 30 foot mounting height. Maximum calculated value = 6.2 fc
 Type V - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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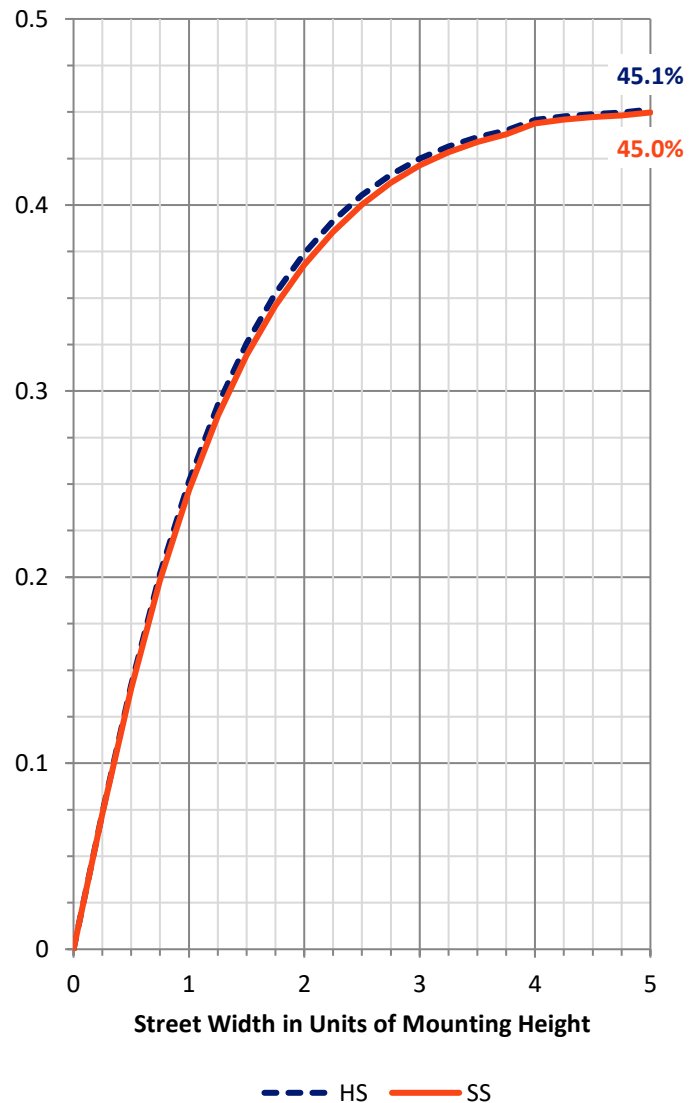
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20434.5	0.0	20434.5
	% Lamp	44.9	0.0	44.9
Street Side	Lumens	20425.5	0.0	20425.5
	% Lamp	44.9	0.0	44.9
Total	Lumens	40860.0	0.0	40860.0
	% Lamp	89.7	0.0	89.7

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	537.3	1.3	1.2
10°-20°	1677.1	4.1	3.7
20°-30°	2988.8	7.3	6.6
30°-40°	4472.6	10.9	9.8
40°-50°	6122.3	15.0	13.4
50°-60°	7983.3	19.5	17.5
60°-70°	9624.7	23.6	21.1
70°-80°	7034.1	17.2	15.4
80°-90°	419.7	1.0	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°	40860.0	100.0	89.7
0°-180°	40860.0	100.0	89.7

Coefficient of Utilization



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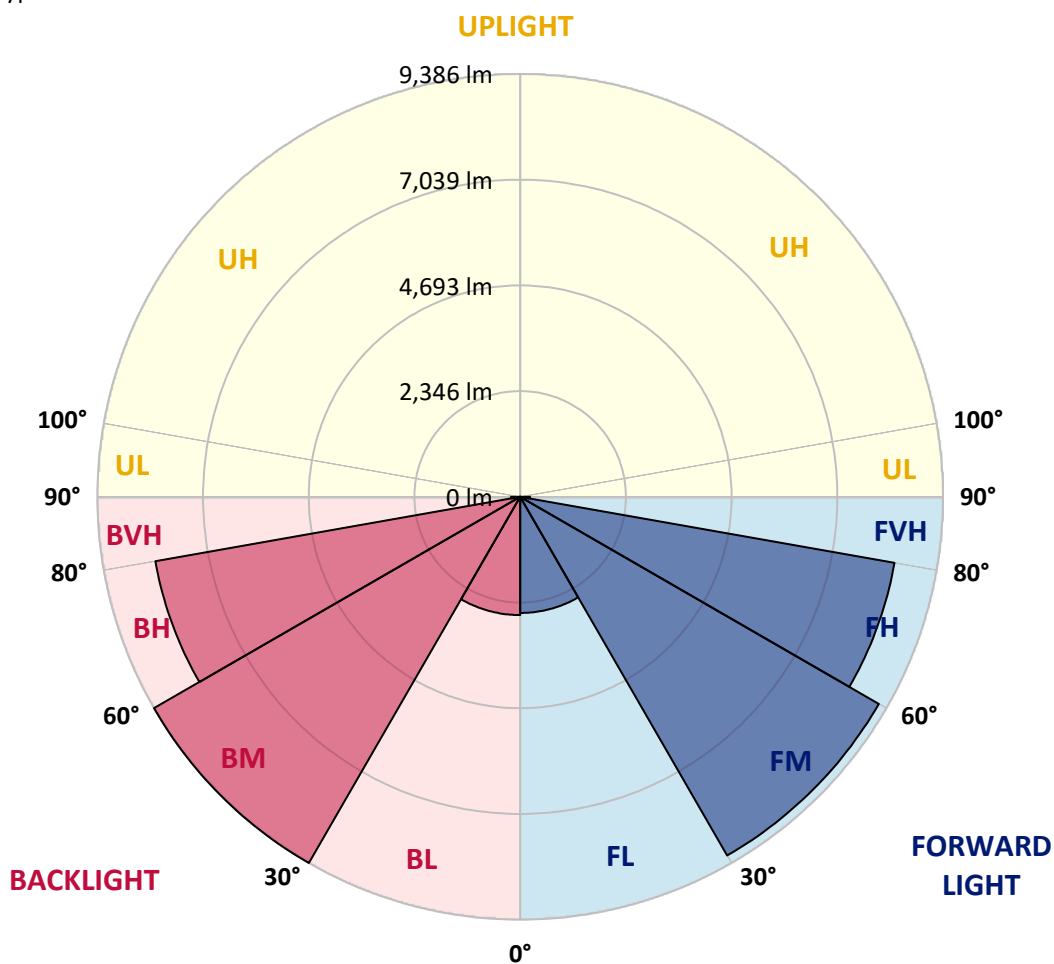
CATALOG NUMBER: XAS300-SFPM (3000K-300W-T5)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2578.1	5.7			
FM	(30°-60°)	9192.6	20.2			
FH	(60°-80°)	8436.5	18.5			G4/12000
FVH	(80°-90°)	218.3	0.5			G2/225
BL	(0°-30°)	2625.1	5.8	B4/5000		
BM	(30°-60°)	9385.6	20.6	B5		
BH	(60°-80°)	8222.4	18.1	B5		G4/12000
BVH	(80°-90°)	201.3	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		4675.0	10.3			

BUG Rating: B5-U0-G4

Type V Short



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CATALOG NUMBER: XAS300-SFPM (3000K-300W-T5)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7
1°	5560.8	5559.2	5559.5	5560.4	5561.3	5563.4	5558.9	5558.9	5559.8	5561.3	5562.0
2°	5560.4	5559.2	5559.2	5560.4	5562.1	5563.7	5559.8	5560.8	5562.7	5565.6	5567.1
3°	5563.7	5561.0	5561.8	5562.1	5565.7	5568.8	5564.8	5566.8	5569.7	5573.1	5575.2
4°	5567.4	5565.4	5566.5	5569.3	5572.8	5576.1	5572.8	5575.2	5579.7	5583.2	5585.4
5°	5572.8	5571.3	5573.8	5577.2	5583.4	5588.8	5585.8	5588.5	5591.7	5596.0	5600.3
6°	5581.9	5578.9	5583.4	5589.2	5597.6	5603.8	5601.5	5603.9	5606.6	5610.5	5616.3
7°	5592.5	5591.2	5595.1	5604.5	5613.6	5618.7	5617.7	5621.1	5623.4	5627.8	5635.1
8°	5605.0	5603.8	5611.0	5621.2	5630.3	5638.5	5637.2	5640.9	5645.2	5649.5	5658.4
9°	5620.9	5618.6	5628.2	5638.9	5651.8	5660.3	5659.4	5662.9	5669.5	5675.2	5683.9
10°	5640.1	5638.7	5648.6	5661.0	5676.7	5685.6	5684.3	5687.1	5695.5	5705.6	5713.4
11°	5664.2	5660.6	5672.6	5687.1	5702.9	5711.3	5711.2	5713.8	5723.6	5737.1	5746.0
12°	5690.3	5686.4	5698.2	5714.8	5731.1	5741.3	5742.5	5745.6	5757.3	5773.1	5782.7
13°	5719.6	5714.6	5726.0	5745.7	5762.3	5774.0	5777.0	5782.1	5794.3	5811.2	5822.6
14°	5752.6	5747.5	5756.2	5778.5	5796.8	5813.8	5817.2	5821.1	5835.2	5852.0	5866.8
15°	5790.2	5782.5	5791.1	5813.4	5835.5	5854.2	5860.1	5865.7	5879.6	5896.6	5912.3
16°	5829.0	5820.6	5830.4	5851.3	5877.3	5898.2	5907.1	5914.8	5926.3	5943.5	5959.9
17°	5870.1	5858.9	5871.8	5891.6	5921.0	5947.0	5958.0	5963.8	5977.0	5993.8	6009.9
18°	5911.8	5901.2	5912.9	5937.9	5967.0	5998.5	6011.5	6018.1	6029.8	6047.3	6063.3
19°	5955.1	5944.4	5959.2	5988.4	6015.7	6051.1	6068.6	6073.5	6084.7	6102.6	6117.4
20°	6000.9	5990.6	6006.7	6038.5	6067.5	6105.1	6126.9	6132.2	6141.4	6159.1	6172.2
21°	6046.9	6038.3	6056.1	6091.4	6120.7	6163.9	6186.1	6195.0	6200.2	6219.8	6228.7
22°	6093.6	6086.5	6108.0	6144.8	6176.7	6223.5	6246.4	6259.5	6262.6	6279.9	6284.3
23°	6143.4	6138.3	6161.3	6201.5	6237.1	6284.8	6305.6	6322.2	6326.9	6341.0	6343.2
24°	6194.7	6192.6	6215.3	6258.2	6296.9	6342.3	6361.8	6384.3	6391.6	6402.3	6400.4
25°	6250.2	6249.0	6272.1	6317.5	6357.5	6400.6	6417.0	6445.8	6455.6	6464.8	6460.5
26°	6306.1	6309.1	6329.4	6377.2	6416.4	6461.6	6474.6	6507.8	6521.1	6527.5	6521.2
27°	6367.2	6370.7	6389.8	6437.6	6475.6	6523.6	6534.8	6572.5	6586.2	6589.2	6581.8
28°	6430.9	6435.0	6451.0	6498.0	6535.4	6587.1	6599.0	6635.1	6650.8	6653.1	6643.8
29°	6496.9	6499.1	6514.4	6560.4	6596.0	6650.8	6666.1	6701.3	6718.7	6715.3	6706.9
30°	6568.3	6565.9	6578.1	6622.9	6659.3	6716.8	6738.7	6770.8	6785.9	6779.6	6771.9
31°	6642.4	6632.7	6644.2	6689.7	6722.0	6784.8	6811.4	6841.1	6857.4	6847.4	6838.3
32°	6717.1	6699.3	6708.6	6755.4	6787.4	6848.8	6882.0	6909.5	6926.7	6916.7	6909.1
33°	6797.4	6765.7	6773.7	6819.0	6854.0	6913.3	6953.6	6976.7	6994.7	6987.0	6975.4
34°	6881.6	6833.6	6839.8	6884.6	6918.7	6978.1	7026.5	7043.4	7059.3	7052.4	7045.2
35°	6966.6	6903.0	6909.9	6954.2	6981.9	7043.9	7100.6	7110.6	7122.6	7121.4	7117.6
36°	7051.5	6970.4	6977.1	7020.1	7045.9	7108.0	7175.9	7176.5	7188.8	7192.5	7189.8
37°	7139.8	7034.2	7044.7	7083.7	7110.6	7166.9	7252.8	7242.1	7257.8	7263.9	7265.5
38°	7229.5	7096.0	7109.8	7151.6	7176.0	7227.5	7331.2	7305.4	7326.1	7337.4	7339.8
39°	7319.3	7159.1	7174.8	7217.9	7241.2	7292.2	7415.6	7371.3	7394.2	7411.6	7413.2
40°	7412.3	7226.4	7240.3	7285.7	7308.0	7359.9	7506.4	7442.1	7465.9	7489.8	7490.3
41°	7508.7	7299.4	7310.6	7356.5	7379.6	7433.3	7595.0	7515.8	7540.8	7567.1	7566.2
42°	7601.9	7381.7	7384.7	7432.2	7454.1	7510.4	7678.6	7595.8	7616.9	7648.4	7646.5
43°	7688.3	7470.4	7462.5	7512.7	7536.8	7588.8	7763.8	7675.8	7699.6	7732.7	7729.9
44°	7769.2	7563.7	7545.6	7596.8	7622.7	7673.5	7849.5	7757.3	7785.0	7821.4	7817.0

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CATALOG NUMBER: XAS300-SFPM (3000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	7848.8	7655.5	7632.5	7684.2	7708.8	7762.2	7935.5	7841.6	7871.0	7912.5	7907.4
46°	7923.9	7753.3	7725.4	7777.0	7801.5	7853.9	8016.0	7933.1	7962.7	8006.3	8002.0
47°	7994.4	7856.7	7825.4	7870.0	7895.2	7950.1	8091.4	8028.5	8056.2	8103.9	8097.9
48°	8064.5	7965.9	7927.7	7968.2	7989.2	8045.7	8165.9	8125.9	8152.6	8204.8	8199.9
49°	8138.3	8080.3	8033.1	8070.5	8089.8	8143.3	8236.7	8221.8	8247.7	8304.8	8304.6
50°	8216.2	8200.8	8143.1	8174.7	8196.5	8245.9	8304.6	8320.9	8347.8	8408.9	8413.1
51°	8298.5	8323.6	8259.0	8283.7	8299.0	8346.9	8369.6	8419.2	8447.8	8515.3	8524.4
52°	8380.4	8450.0	8378.1	8398.7	8410.7	8451.0	8429.0	8519.8	8551.3	8624.7	8638.6
53°	8473.8	8580.6	8500.4	8523.2	8520.8	8548.1	8486.2	8614.1	8655.6	8738.1	8757.2
54°	8573.1	8708.7	8630.2	8648.8	8633.1	8639.4	8546.0	8705.1	8765.3	8853.2	8876.9
55°	8673.8	8834.4	8765.0	8780.5	8745.5	8727.6	8604.5	8791.1	8870.5	8975.2	8998.5
56°	8774.6	8957.2	8902.5	8917.4	8860.6	8817.8	8664.2	8875.3	8975.2	9099.0	9118.7
57°	8873.6	9073.9	9042.5	9055.0	8974.3	8905.6	8723.1	8955.0	9082.9	9230.9	9237.2
58°	8966.0	9185.1	9179.8	9201.3	9089.1	8983.2	8781.3	9028.1	9186.9	9364.6	9347.6
59°	9063.1	9283.0	9322.4	9347.6	9202.2	9051.4	8832.0	9096.3	9289.2	9501.9	9448.1
60°	9154.6	9378.1	9463.3	9499.2	9313.5	9111.6	8874.3	9156.4	9389.7	9641.9	9543.2
61°	9232.7	9459.7	9612.3	9652.7	9419.4	9159.1	8907.2	9204.0	9492.9	9784.6	9644.6
62°	9299.1	9530.6	9758.5	9804.3	9527.9	9191.4	8929.6	9243.5	9595.2	9923.7	9750.5
63°	9367.3	9598.8	9904.8	9956.9	9635.6	9216.6	8945.5	9276.7	9693.9	10060.1	9849.2
64°	9452.6	9664.3	10046.6	10111.2	9733.4	9230.0	8952.1	9297.3	9790.9	10194.7	9941.6
65°	9545.9	9741.5	10191.1	10268.2	9831.2	9239.0	8952.7	9312.6	9885.1	10316.7	10027.8
66°	9602.4	9824.1	10327.5	10417.2	9921.9	9242.6	8928.0	9315.3	9969.4	10431.6	10114.8
67°	9612.3	9888.7	10444.1	10555.4	9993.7	9224.6	8878.6	9292.8	10041.2	10528.5	10189.3
68°	9606.0	9909.3	10553.6	10688.2	10063.6	9160.0	8757.3	9239.9	10100.4	10611.9	10245.8
69°	9501.0	9878.8	10655.0	10798.6	10101.3	9041.6	8492.2	9125.9	10138.1	10671.1	10256.6
70°	9129.5	9767.5	10719.6	10881.1	10095.9	8804.3	8071.6	8913.9	10134.5	10708.8	10232.3
71°	8390.5	9459.7	10719.6	10923.3	10051.1	8438.0	7447.0	8568.5	10069.0	10707.0	10173.1
72°	7424.4	8876.3	10627.2	10911.6	9946.1	7948.1	6781.7	8063.4	9937.1	10660.4	10023.3
73°	6490.4	8065.5	10444.1	10848.8	9771.1	7367.1	6186.1	7441.1	9718.2	10525.8	9777.4
74°	5588.5	7160.3	10145.3	10698.1	9495.6	6793.3	5689.9	6796.3	9418.5	10287.1	9410.4
75°	4253.4	6155.5	9684.1	10399.2	9166.3	6225.8	5112.9	6193.0	9019.1	9920.1	8823.1
76°	2478.8	4847.9	8985.9	9951.5	8739.2	5507.4	4100.2	5555.3	8528.3	9419.4	8023.9
77°	975.3	3082.4	8048.4	9219.2	8168.1	4412.8	2886.4	4555.2	7915.1	8671.9	7064.7
78°	711.6	1399.1	6880.7	8157.7	7327.9	2947.7	1672.5	3227.7	7130.7	7603.7	5888.0
79°	472.7	993.8	5303.6	6749.4	6156.4	1465.5	469.7	1900.3	6017.3	6159.6	4314.3
80°	233.8	621.1	3285.3	5001.0	4557.9	1042.9	266.4	584.5	4496.7	4486.7	3062.4
81°	207.5	248.4	1555.7	3169.5	2663.7	644.0	235.1	291.7	3153.8	3154.4	1810.5
82°	183.5	213.9	1120.3	1419.9	1142.9	245.1	203.8	241.2	1810.9	1822.1	564.8
83°	160.1	183.1	691.4	1041.7	824.3	199.0	172.7	207.9	478.6	491.1	305.4
84°	136.0	154.0	262.4	673.7	524.7	168.0	148.0	174.6	282.6	313.5	232.8
85°	110.9	125.5	198.2	305.7	225.0	137.9	122.8	144.3	221.7	261.4	160.9
86°	82.2	98.3	151.5	242.3	165.6	109.2	97.4	115.1	160.9	208.4	113.9
87°	55.9	73.0	114.8	180.5	127.0	83.5	70.9	89.1	121.9	155.3	79.8
88°	29.6	47.8	79.2	112.2	90.9	58.1	45.6	64.2	87.3	97.2	49.4
89°	12.1	22.5	42.4	58.9	49.6	32.8	32.0	44.6	60.0	66.9	34.9

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CATALOG NUMBER: XAS300-SFPM (3000K-300W-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: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-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: P1445060
CATALOG NUMBER: XAS300-SFPM (3000K-300W-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: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7	5561.7
1°	5564.0	5566.3	5567.5	5568.5	5569.1	5570.0	5570.2	5564.8	5564.5	5563.9	5562.1
2°	5569.1	5573.6	5575.7	5578.1	5577.9	5579.4	5578.6	5574.4	5572.3	5569.7	5566.1
3°	5579.0	5583.7	5587.5	5589.2	5590.2	5590.6	5590.0	5585.6	5581.4	5577.6	5572.3
4°	5591.0	5596.2	5600.5	5603.2	5605.0	5605.7	5603.4	5596.6	5592.7	5588.3	5581.2
5°	5604.1	5610.3	5615.5	5619.8	5621.6	5621.4	5618.3	5611.0	5604.6	5599.5	5591.6
6°	5619.8	5627.6	5632.8	5637.5	5639.9	5639.6	5636.5	5628.0	5621.2	5612.8	5602.5
7°	5639.9	5647.6	5653.1	5658.8	5661.1	5660.8	5656.6	5648.6	5639.3	5630.0	5616.8
8°	5663.4	5670.4	5676.9	5684.1	5685.2	5684.9	5680.8	5670.5	5661.0	5651.0	5634.4
9°	5690.9	5697.1	5704.3	5711.5	5713.3	5710.7	5705.0	5695.0	5685.6	5675.0	5655.3
10°	5719.3	5726.1	5733.1	5742.2	5743.9	5740.3	5734.7	5725.4	5714.0	5700.1	5679.4
11°	5753.5	5761.4	5768.1	5776.1	5779.4	5776.3	5769.4	5761.0	5748.7	5730.2	5707.4
12°	5791.3	5799.5	5806.5	5813.8	5819.3	5817.0	5809.6	5802.6	5788.2	5766.7	5737.5
13°	5832.8	5841.3	5847.4	5855.8	5862.4	5861.1	5853.1	5845.8	5830.6	5807.4	5772.4
14°	5875.7	5884.5	5891.7	5900.9	5909.3	5909.8	5899.3	5890.8	5874.7	5849.6	5810.9
15°	5921.7	5931.9	5937.7	5950.5	5960.2	5959.1	5948.9	5940.5	5922.4	5893.6	5854.7
16°	5972.2	5981.6	5989.1	6002.7	6017.2	6014.1	6002.0	5995.8	5974.1	5941.6	5900.7
17°	6023.5	6033.3	6041.5	6057.9	6074.3	6069.2	6058.0	6052.4	6030.3	5994.1	5948.7
18°	6075.6	6084.6	6094.2	6114.4	6133.0	6127.3	6117.3	6111.9	6086.6	6047.6	5998.6
19°	6130.3	6137.9	6148.5	6172.3	6192.9	6186.4	6177.5	6172.3	6145.1	6105.0	6050.5
20°	6185.3	6190.6	6205.3	6230.1	6255.1	6248.9	6240.7	6234.7	6206.2	6162.1	6104.2
21°	6240.8	6245.0	6264.7	6292.0	6321.7	6313.1	6306.6	6299.7	6272.0	6220.8	6160.9
22°	6296.3	6300.5	6322.9	6352.0	6386.2	6379.5	6374.7	6361.5	6336.0	6280.0	6218.5
23°	6353.5	6356.7	6382.9	6416.6	6451.8	6445.2	6442.3	6423.1	6400.9	6344.4	6279.0
24°	6412.3	6416.4	6445.0	6478.5	6516.1	6514.7	6509.0	6483.2	6464.7	6409.3	6339.2
25°	6473.1	6478.5	6509.3	6544.0	6580.5	6584.0	6574.2	6545.3	6529.5	6472.0	6399.8
26°	6535.0	6544.0	6575.7	6611.3	6645.4	6654.6	6643.8	6608.2	6594.4	6533.9	6458.3
27°	6599.2	6610.6	6644.2	6676.8	6708.6	6724.1	6711.8	6672.4	6661.3	6597.4	6518.6
28°	6666.2	6682.3	6713.6	6742.2	6776.2	6796.0	6782.3	6742.8	6728.6	6661.1	6583.4
29°	6734.8	6756.2	6785.8	6807.7	6843.7	6866.9	6854.0	6819.0	6797.1	6725.7	6647.7
30°	6804.2	6831.4	6857.5	6874.7	6912.9	6936.8	6927.5	6895.8	6867.7	6789.3	6713.2
31°	6873.2	6910.3	6929.0	6944.4	6983.7	7004.8	7000.7	6972.9	6936.7	6855.7	6779.7
32°	6943.2	6991.0	7001.7	7013.7	7053.3	7073.8	7069.0	7042.8	7002.6	6920.7	6850.3
33°	7012.7	7074.3	7073.5	7082.5	7122.5	7139.1	7137.6	7113.3	7065.6	6987.8	6920.2
34°	7085.5	7156.0	7143.6	7153.7	7191.2	7202.5	7201.9	7184.1	7129.2	7052.7	6989.9
35°	7156.4	7241.9	7214.1	7225.0	7259.4	7265.4	7266.1	7256.1	7187.5	7118.1	7058.5
36°	7229.7	7328.7	7285.9	7296.2	7326.3	7329.7	7325.4	7328.2	7242.3	7181.0	7125.7
37°	7301.3	7414.3	7355.4	7369.0	7393.3	7396.0	7385.2	7407.3	7302.7	7245.8	7194.4
38°	7369.8	7501.1	7421.7	7440.4	7464.6	7462.8	7448.3	7491.6	7366.0	7309.6	7264.8
39°	7438.3	7591.8	7490.9	7510.7	7541.9	7532.8	7511.9	7579.5	7430.8	7380.2	7333.9
40°	7513.1	7685.2	7565.9	7585.9	7620.3	7603.7	7582.1	7670.6	7500.7	7453.1	7403.4
41°	7592.2	7775.8	7648.9	7663.0	7700.1	7679.5	7653.4	7767.2	7579.6	7530.1	7478.8
42°	7673.0	7865.5	7733.9	7744.3	7785.3	7757.8	7735.0	7863.9	7665.1	7607.4	7561.2
43°	7754.4	7953.8	7821.6	7830.1	7872.6	7838.2	7827.9	7957.0	7759.1	7690.0	7645.9
44°	7844.1	8038.9	7912.5	7918.0	7962.1	7923.2	7922.4	8040.1	7853.6	7774.9	7735.0

REPORT NUMBER: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	7937.0	8123.2	8007.3	8009.2	8055.0	8013.9	8019.8	8116.4	7948.0	7868.9	7828.4
46°	8039.0	8209.4	8108.5	8105.4	8145.0	8110.1	8112.0	8193.4	8042.6	7967.9	7925.7
47°	8145.0	8293.7	8217.9	8205.3	8241.3	8211.6	8211.4	8267.8	8140.6	8071.3	8025.3
48°	8259.8	8369.1	8327.7	8305.9	8337.1	8316.4	8314.4	8335.1	8241.5	8173.1	8127.6
49°	8374.9	8446.3	8441.6	8408.0	8438.7	8422.1	8418.7	8396.5	8345.6	8274.8	8233.3
50°	8488.9	8525.8	8556.1	8517.4	8544.4	8529.6	8524.6	8457.1	8450.1	8376.8	8343.9
51°	8603.6	8609.2	8670.3	8625.9	8652.0	8631.8	8625.6	8517.7	8554.4	8482.7	8459.8
52°	8719.8	8689.7	8786.1	8743.6	8767.2	8736.8	8725.6	8579.6	8649.0	8590.6	8578.3
53°	8837.0	8766.8	8902.0	8860.1	8883.7	8842.5	8817.6	8639.2	8740.8	8697.9	8702.0
54°	8949.2	8841.9	9010.2	8981.5	9004.8	8951.0	8903.3	8699.8	8830.3	8807.6	8831.7
55°	9052.3	8917.4	9108.9	9103.5	9129.5	9055.0	8980.6	8756.3	8912.0	8909.2	8964.9
56°	9137.6	8987.7	9194.1	9224.6	9257.8	9159.1	9050.5	8810.2	8985.0	9016.5	9102.6
57°	9209.4	9056.8	9272.2	9349.4	9394.2	9259.6	9117.0	8860.7	9047.0	9124.1	9242.6
58°	9274.0	9122.3	9340.4	9458.8	9528.8	9358.3	9174.4	8908.0	9102.6	9222.8	9381.7
59°	9334.1	9184.3	9402.3	9557.5	9665.2	9455.2	9224.6	8941.4	9151.1	9322.4	9521.7
60°	9388.8	9239.0	9453.5	9658.9	9807.9	9545.9	9263.2	8965.5	9189.6	9429.2	9667.0
61°	9431.9	9288.3	9492.9	9767.5	9943.4	9634.7	9292.8	8991.3	9217.5	9531.5	9816.0
62°	9463.3	9338.6	9527.0	9872.5	10077.1	9728.0	9310.8	9009.3	9241.7	9629.3	9965.8
63°	9499.2	9385.3	9562.9	9965.8	10202.7	9822.3	9324.2	9012.0	9259.6	9728.0	10115.7
64°	9532.4	9431.9	9604.2	10045.7	10326.6	9908.4	9328.7	9003.0	9267.7	9820.5	10261.1
65°	9562.9	9440.9	9631.1	10119.3	10438.7	9991.0	9318.9	8968.7	9257.8	9903.9	10394.8
66°	9574.6	9378.1	9622.2	10197.3	10539.2	10064.5	9286.5	8890.6	9228.2	9977.5	10520.4
67°	9545.9	9301.8	9580.0	10256.6	10624.5	10108.5	9210.3	8758.7	9148.4	10039.4	10640.6
68°	9492.9	9175.3	9519.9	10298.7	10681.9	10113.0	9099.9	8510.9	9017.3	10075.3	10751.0
69°	9376.3	8879.3	9385.3	10293.4	10714.2	10078.9	8916.1	8060.5	8793.6	10061.0	10831.8
70°	9143.0	8372.8	9117.0	10242.2	10715.1	10004.4	8607.0	7414.3	8413.2	9992.8	10883.8
71°	8737.8	7615.3	8664.3	10130.9	10672.0	9871.6	8125.0	6713.0	7873.0	9871.6	10894.6
72°	8087.2	6683.4	7962.6	9935.3	10560.8	9690.4	7502.6	6150.7	7243.4	9690.4	10849.7
73°	7206.3	5705.1	7096.9	9655.4	10333.7	9418.5	6875.4	5679.3	6654.8	9388.8	10716.9
74°	6210.3	4723.2	6120.7	9211.2	9974.8	9059.5	6295.3	5079.7	6074.3	9006.6	10463.9
75°	5155.3	3492.6	5013.9	8527.8	9526.1	8609.1	5628.5	3989.3	5377.4	8537.5	10075.3
76°	3960.2	2209.1	3788.1	7664.6	8908.7	8028.6	4635.7	2524.8	4309.9	7947.6	9499.2
77°	2818.2	927.3	2702.3	6628.2	7999.7	7236.9	3269.6	1142.0	2905.5	7184.0	8607.4
78°	1676.0	384.3	1616.6	5331.8	6736.9	6156.0	1903.5	833.2	1442.0	6148.3	7269.1
79°	553.4	246.1	533.2	3708.8	5211.3	4731.5	543.6	533.8	1020.5	4694.2	5597.6
80°	289.2	209.9	288.6	2376.0	3703.2	3337.5	292.2	234.3	634.7	2875.5	3792.3
81°	242.0	173.7	240.5	1043.6	2195.2	1943.5	247.4	202.6	248.9	1280.1	1962.3
82°	194.8	147.9	192.3	427.9	719.6	572.2	216.2	177.4	206.1	914.4	676.2
83°	147.9	124.1	144.6	333.7	363.3	314.5	184.9	152.1	176.5	575.5	496.0
84°	119.8	102.7	116.7	239.5	294.9	256.6	153.6	126.5	146.4	236.6	318.1
85°	92.1	78.5	88.5	146.2	239.8	198.6	124.8	99.8	117.4	176.7	266.1
86°	66.4	53.1	62.8	104.7	184.8	140.7	97.8	74.7	90.6	136.0	210.1
87°	47.0	36.8	44.5	70.1	130.0	104.2	72.7	49.7	65.0	100.7	144.0
88°	27.6	20.5	26.1	48.8	88.7	71.3	50.2	24.6	39.4	81.2	72.9
89°	8.4	4.5	8.1	27.5	47.5	49.5	27.7	7.8	13.8	61.8	55.4

REPORT NUMBER: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-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: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-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: P1445060
CATALOG NUMBER: XAS300-SFPM (3000K-300W-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: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	5561.7	5561.7	5561.7
1°	5561.0	5559.2	5560.8
2°	5563.0	5560.4	5560.4
3°	5567.0	5563.9	5563.7
4°	5573.8	5569.7	5567.4
5°	5583.0	5576.2	5572.8
6°	5593.4	5585.1	5581.9
7°	5606.4	5596.8	5592.5
8°	5620.9	5609.7	5605.0
9°	5638.7	5626.4	5620.9
10°	5659.1	5646.7	5640.1
11°	5684.8	5669.3	5664.2
12°	5713.2	5696.7	5690.3
13°	5743.0	5725.4	5719.6
14°	5776.0	5758.2	5752.6
15°	5814.2	5795.7	5790.2
16°	5856.9	5836.1	5829.0
17°	5902.1	5878.5	5870.1
18°	5949.0	5921.5	5911.8
19°	5999.2	5967.5	5955.1
20°	6050.8	6014.8	6000.9
21°	6104.6	6064.3	6046.9
22°	6159.1	6115.3	6093.6
23°	6215.1	6170.6	6143.4
24°	6271.9	6227.8	6194.7
25°	6330.4	6288.2	6250.2
26°	6389.9	6350.0	6306.1
27°	6451.0	6412.7	6367.2
28°	6513.9	6476.2	6430.9
29°	6576.9	6540.9	6496.9
30°	6641.1	6607.1	6568.3
31°	6706.6	6674.8	6642.4
32°	6773.8	6739.0	6717.1
33°	6842.6	6807.3	6797.4
34°	6911.1	6877.0	6881.6
35°	6982.1	6946.7	6966.6
36°	7053.7	7013.4	7051.5
37°	7121.3	7078.1	7139.8
38°	7192.0	7140.9	7229.5
39°	7262.1	7204.5	7319.3
40°	7331.9	7272.7	7412.3
41°	7403.8	7350.3	7508.7
42°	7481.0	7433.5	7601.9
43°	7562.6	7522.0	7688.3
44°	7652.0	7615.4	7769.2

REPORT NUMBER: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	7745.4	7711.9	7848.8
46°	7847.7	7811.2	7923.9
47°	7952.1	7919.5	7994.4
48°	8056.7	8029.7	8064.5
49°	8167.6	8146.7	8138.3
50°	8278.5	8268.8	8216.2
51°	8397.8	8393.6	8298.5
52°	8520.3	8524.3	8380.4
53°	8643.8	8650.2	8473.8
54°	8776.7	8780.5	8573.1
55°	8909.4	8906.7	8673.8
56°	9045.2	9030.8	8774.6
57°	9182.5	9150.2	8873.6
58°	9323.3	9256.9	8966.0
59°	9466.9	9353.0	9063.1
60°	9615.0	9445.4	9154.6
61°	9759.4	9538.7	9232.7
62°	9903.9	9629.3	9299.1
63°	10050.2	9702.0	9367.3
64°	10192.9	9757.7	9452.6
65°	10336.4	9825.8	9545.9
66°	10474.6	9919.2	9602.4
67°	10596.7	9981.1	9612.3
68°	10682.8	9988.3	9606.0
69°	10769.0	9938.0	9501.0
70°	10819.2	9816.9	9129.5
71°	10790.5	9518.1	8390.5
72°	10645.1	8924.7	7424.4
73°	10440.5	8088.7	6490.4
74°	10124.7	7154.8	5588.5
75°	9536.0	6110.5	4253.4
76°	8729.8	4786.8	2478.8
77°	7758.3	3085.7	975.3
78°	6514.1	1451.4	711.6
79°	4761.8	1029.2	472.7
80°	2638.0	644.7	233.8
81°	1172.3	260.3	207.5
82°	844.5	214.1	183.5
83°	541.3	183.3	160.1
84°	238.2	153.3	136.0
85°	181.9	122.9	110.9
86°	141.3	94.7	82.2
87°	104.0	69.2	55.9
88°	83.6	43.7	29.6
89°	63.5	18.2	12.1

REPORT NUMBER: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-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: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-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: P1445060

CATALOG NUMBER: XAS300-SFPM (3000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)