

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: P1445102

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

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445102
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA ()
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/5/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XAS300-SFPM (5000K-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: 45535 (1 lamp)
Luminaire Lumens: 37681.8 lumens
Efficiency: 82.8%
Efficacy: 151.8 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): 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

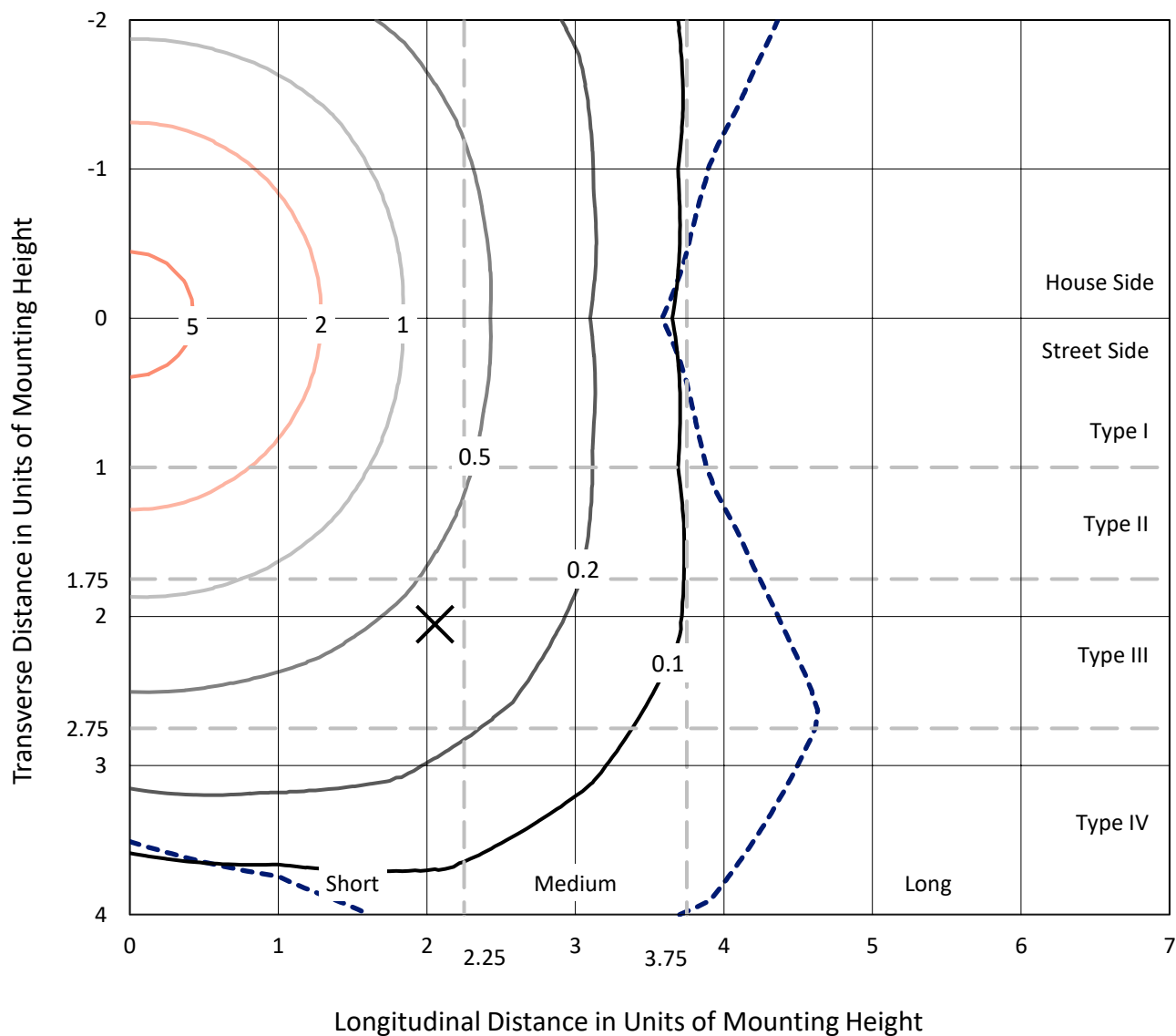
REPORT NUMBER: P1445102

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

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

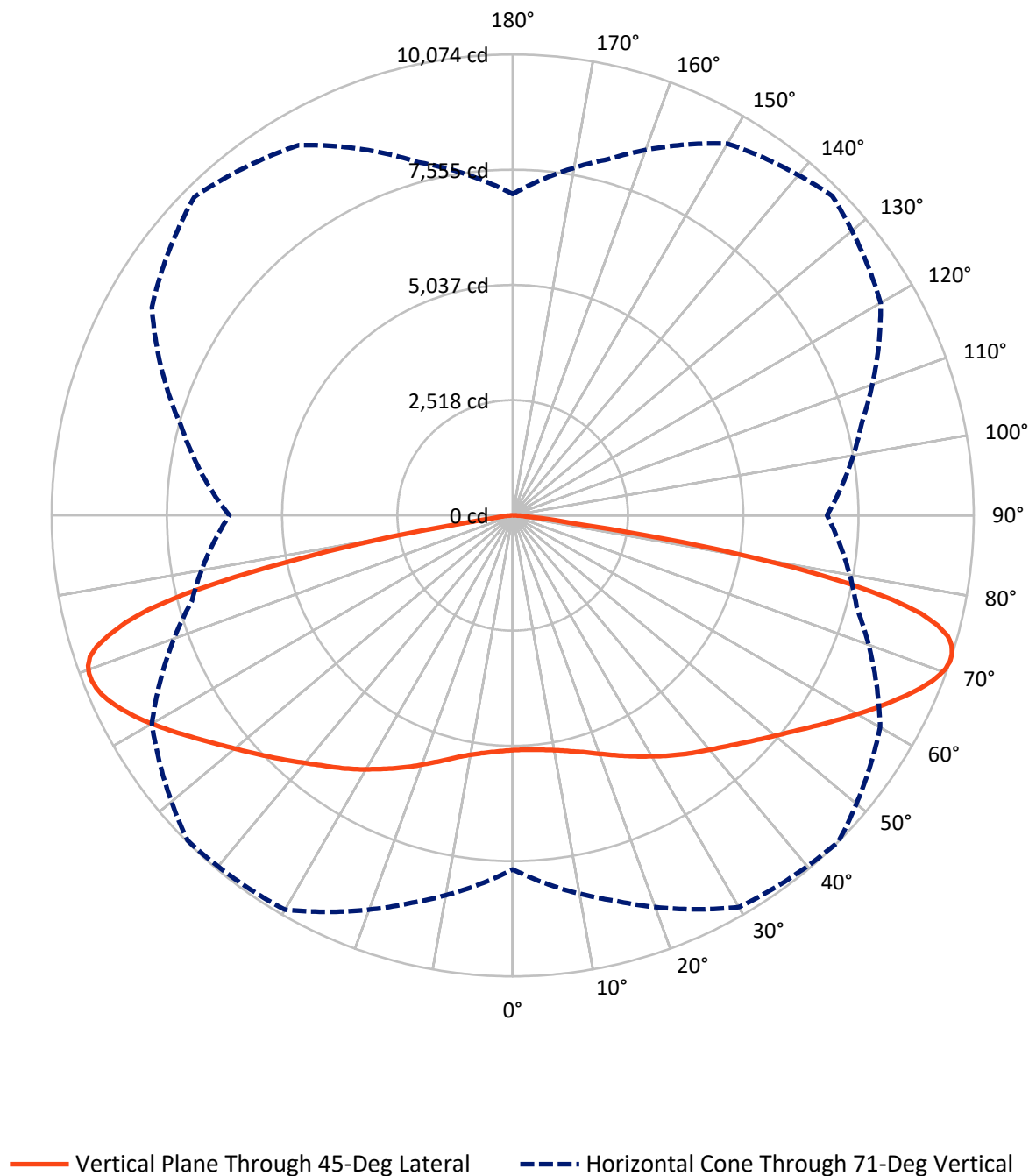


Based on 30 foot mounting height. Maximum calculated value = 5.7 fc
 Type V - Short - Semi-Cutoff

REPORT NUMBER: P1445102

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

Luminous Intensity Polar Plot



REPORT NUMBER: P1445102

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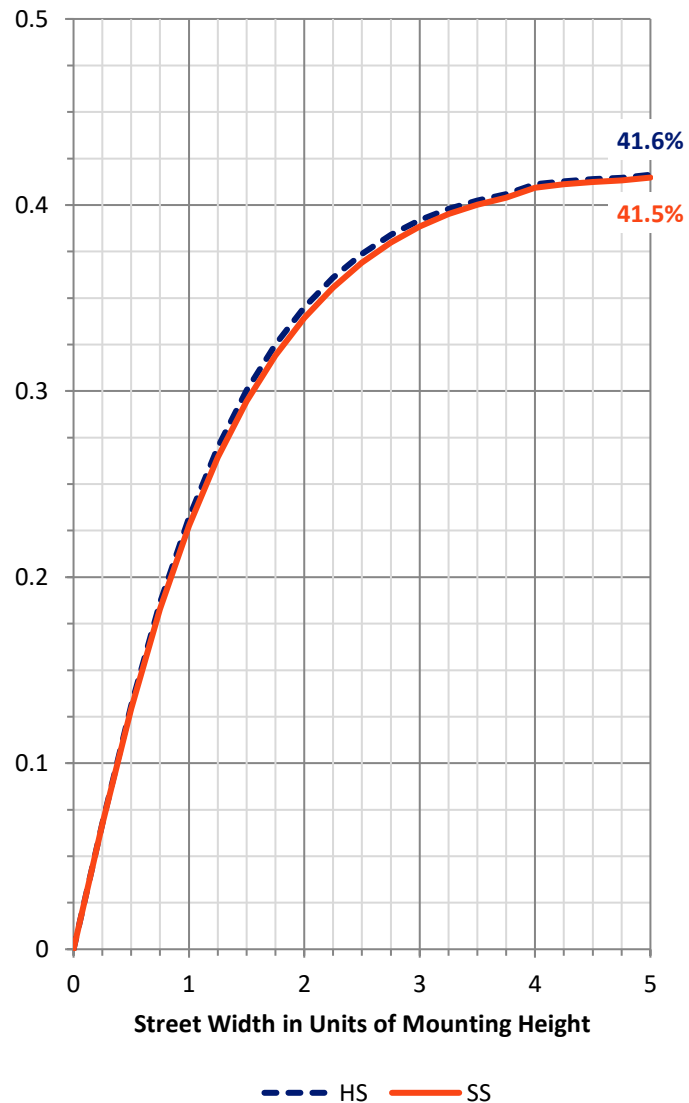
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18845.0	0.0	18845.0
	% Lamp	41.4	0.0	41.4
Street Side	Lumens	18836.8	0.0	18836.8
	% Lamp	41.4	0.0	41.4
Total	Lumens	37681.8	0.0	37681.8
	% Lamp	82.8	0.0	82.8

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	495.5	1.3	1.1
10°-20°	1546.6	4.1	3.4
20°-30°	2756.4	7.3	6.1
30°-40°	4124.7	10.9	9.1
40°-50°	5646.1	15.0	12.4
50°-60°	7362.4	19.5	16.2
60°-70°	8876.1	23.6	19.5
70°-80°	6487.0	17.2	14.2
80°-90°	387.0	1.0	0.8
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	82.8
0°-180°	37681.8	100.0	82.8

Coefficient of Utilization



REPORT NUMBER: P1445102

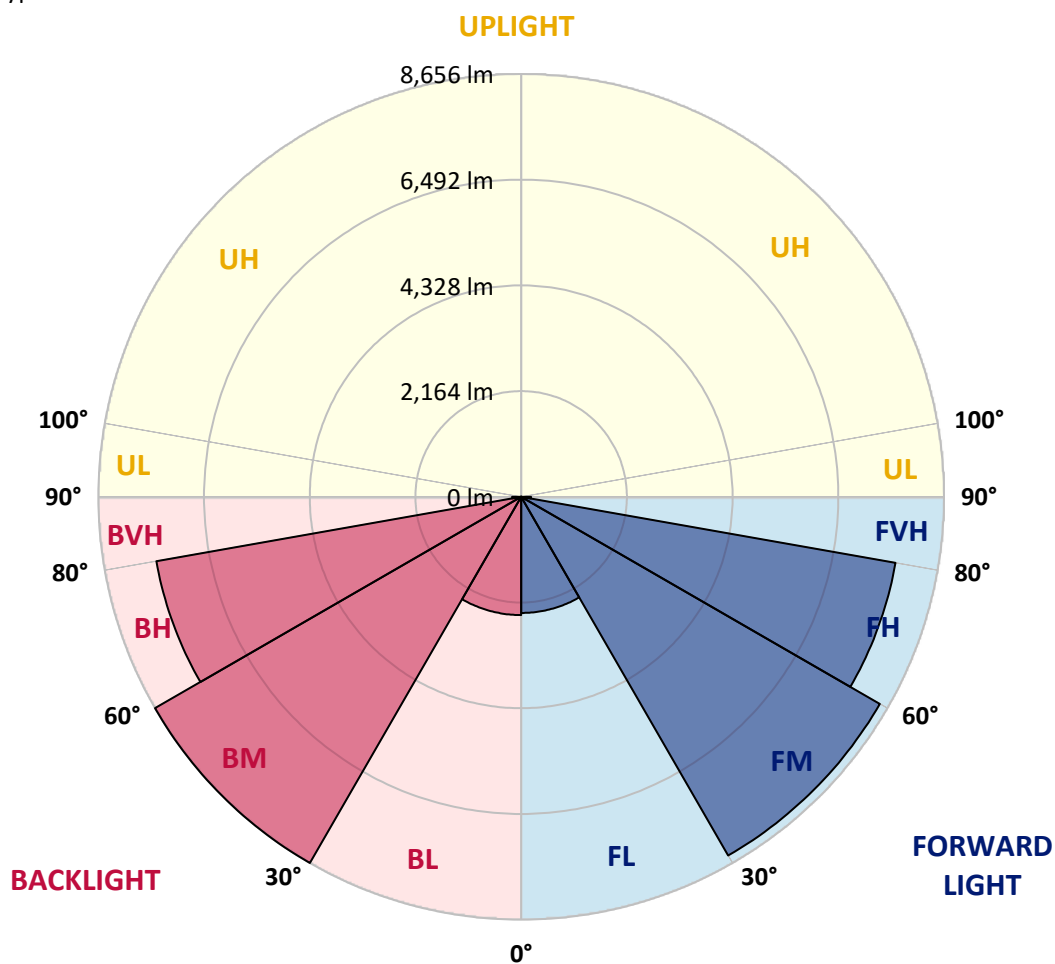
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T5)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2377.6	5.2			
FM	(30°-60°)	8477.6	18.6			
FH	(60°-80°)	7780.3	17.1			G4/12000
FVH	(80°-90°)	201.3	0.4			G2/225
BL	(0°-30°)	2420.9	5.3	B3/2500		
BM	(30°-60°)	8655.6	19.0	B5		
BH	(60°-80°)	7582.8	16.7	B5		G4/12000
BVH	(80°-90°)	185.7	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		7853.2	17.2			

BUG Rating: B5-U0-G4

Type V Short



REPORT NUMBER: P1445102

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

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1
1°	5128.3	5126.8	5127.1	5127.9	5128.8	5130.7	5126.5	5126.5	5127.4	5128.8	5129.3
2°	5127.9	5126.8	5126.8	5127.9	5129.5	5130.9	5127.4	5128.3	5130.0	5132.7	5134.1
3°	5130.9	5128.4	5129.2	5129.5	5132.8	5135.6	5132.0	5133.8	5136.5	5139.6	5141.5
4°	5134.4	5132.5	5133.6	5136.1	5139.4	5142.4	5139.4	5141.5	5145.7	5149.0	5150.9
5°	5139.4	5138.0	5140.3	5143.4	5149.1	5154.1	5151.4	5153.8	5156.7	5160.7	5164.7
6°	5147.7	5145.0	5149.1	5154.4	5162.2	5167.9	5165.8	5168.0	5170.5	5174.1	5179.5
7°	5157.5	5156.3	5159.9	5168.6	5176.9	5181.7	5180.7	5183.9	5186.0	5190.1	5196.8
8°	5169.0	5167.9	5174.5	5184.0	5192.4	5199.9	5198.7	5202.2	5206.1	5210.0	5218.3
9°	5183.7	5181.6	5190.4	5200.3	5212.2	5220.0	5219.2	5222.4	5228.5	5233.8	5241.8
10°	5201.4	5200.1	5209.2	5220.7	5235.2	5243.4	5242.1	5244.7	5252.5	5261.8	5269.0
11°	5223.6	5220.3	5231.4	5244.7	5259.4	5267.1	5267.0	5269.4	5278.4	5290.9	5299.1
12°	5247.7	5244.1	5255.0	5270.3	5285.3	5294.7	5295.9	5298.7	5309.5	5324.1	5332.9
13°	5274.7	5270.1	5280.6	5298.8	5314.1	5324.9	5327.6	5332.3	5343.6	5359.2	5369.8
14°	5305.1	5300.5	5308.5	5329.0	5345.9	5361.6	5364.7	5368.3	5381.3	5396.8	5410.5
15°	5339.8	5332.8	5340.7	5361.2	5381.6	5398.9	5404.3	5409.5	5422.3	5437.9	5452.4
16°	5375.6	5367.8	5376.9	5396.1	5420.1	5439.4	5447.6	5454.7	5465.3	5481.2	5496.4
17°	5413.5	5403.2	5415.1	5433.3	5460.4	5484.4	5494.5	5499.9	5512.1	5527.6	5542.5
18°	5451.9	5442.2	5453.0	5476.0	5502.9	5531.9	5543.9	5550.0	5560.7	5577.0	5591.7
19°	5491.9	5482.0	5495.7	5522.6	5547.8	5580.4	5596.6	5601.1	5611.4	5627.9	5641.6
20°	5534.1	5524.7	5539.5	5568.8	5595.6	5630.3	5650.4	5655.3	5663.7	5680.1	5692.1
21°	5576.6	5568.6	5585.1	5617.6	5644.7	5684.5	5704.9	5713.1	5717.9	5736.0	5744.2
22°	5619.7	5613.0	5632.9	5666.8	5696.3	5739.4	5760.5	5772.6	5775.5	5791.5	5795.5
23°	5665.5	5660.9	5682.1	5719.1	5752.0	5795.9	5815.1	5830.4	5834.7	5847.8	5849.8
24°	5712.8	5710.9	5731.9	5771.4	5807.1	5849.0	5866.9	5887.7	5894.5	5904.3	5902.6
25°	5764.1	5762.9	5784.3	5826.1	5863.0	5902.8	5917.9	5944.5	5953.5	5961.9	5958.0
26°	5815.6	5818.4	5837.1	5881.2	5917.3	5959.0	5971.0	6001.6	6013.9	6019.8	6014.0
27°	5872.0	5875.2	5892.8	5936.9	5972.0	6016.2	6026.5	6061.2	6073.9	6076.6	6069.9
28°	5930.7	5934.5	5949.2	5992.6	6027.1	6074.7	6085.7	6119.0	6133.5	6135.6	6127.0
29°	5991.6	5993.6	6007.7	6050.2	6082.9	6133.5	6147.6	6180.1	6196.1	6193.0	6185.2
30°	6057.4	6055.2	6066.5	6107.8	6141.4	6194.4	6214.6	6244.1	6258.1	6252.2	6245.2
31°	6125.7	6116.8	6127.4	6169.3	6199.2	6257.0	6281.6	6309.0	6324.0	6314.8	6306.4
32°	6194.6	6178.2	6186.8	6230.0	6259.4	6316.0	6346.7	6372.1	6388.0	6378.7	6371.7
33°	6268.7	6239.5	6246.9	6288.7	6320.9	6375.5	6412.7	6434.1	6450.7	6443.6	6432.8
34°	6346.3	6302.1	6307.8	6349.1	6380.5	6435.3	6480.0	6495.5	6510.2	6503.8	6497.2
35°	6424.7	6366.0	6372.4	6413.3	6438.9	6496.0	6548.3	6557.5	6568.6	6567.5	6564.0
36°	6503.1	6428.3	6434.4	6474.0	6497.9	6555.1	6617.8	6618.3	6629.6	6633.1	6630.6
37°	6584.5	6487.1	6496.8	6532.7	6557.5	6609.5	6688.7	6678.8	6693.2	6698.9	6700.4
38°	6667.2	6544.0	6556.8	6595.3	6617.8	6665.3	6761.0	6737.2	6756.3	6766.7	6768.9
39°	6750.0	6602.3	6616.8	6656.5	6677.9	6725.0	6838.8	6797.9	6819.0	6835.1	6836.6
40°	6835.7	6664.4	6677.2	6719.0	6739.6	6787.4	6922.5	6863.2	6885.1	6907.2	6907.7
41°	6924.6	6731.6	6742.0	6784.3	6805.6	6855.1	7004.2	6931.2	6954.2	6978.5	6977.7
42°	7010.6	6807.5	6810.3	6854.1	6874.3	6926.3	7081.4	7005.0	7024.4	7053.5	7051.7
43°	7090.3	6889.4	6882.1	6928.3	6950.6	6998.5	7159.9	7078.8	7100.7	7131.3	7128.7
44°	7164.9	6975.3	6958.7	7005.9	7029.8	7076.6	7238.9	7153.9	7179.5	7213.0	7209.0

REPORT NUMBER: P1445102

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

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	7238.3	7060.1	7038.8	7086.5	7109.2	7158.5	7318.3	7231.6	7258.8	7297.1	7292.4
46°	7307.6	7150.2	7124.5	7172.1	7194.6	7243.1	7392.5	7316.0	7343.4	7383.6	7379.6
47°	7372.6	7245.6	7216.7	7257.9	7281.1	7331.8	7462.0	7404.0	7429.6	7473.6	7468.1
48°	7437.2	7346.3	7311.1	7348.4	7367.8	7419.9	7530.7	7493.9	7518.5	7566.6	7562.1
49°	7505.3	7451.8	7408.3	7442.7	7460.5	7509.9	7596.0	7582.3	7606.2	7658.8	7658.6
50°	7577.1	7562.9	7509.7	7538.8	7558.9	7604.5	7658.6	7673.7	7698.5	7754.8	7758.7
51°	7653.0	7676.2	7616.6	7639.4	7653.5	7697.7	7718.6	7764.3	7790.7	7853.0	7861.3
52°	7728.6	7792.7	7726.4	7745.5	7756.5	7793.7	7773.3	7857.1	7886.1	7953.8	7966.7
53°	7814.7	7913.2	7839.2	7860.2	7858.0	7883.2	7826.1	7944.1	7982.4	8058.4	8076.1
54°	7906.2	8031.3	7959.0	7976.1	7961.6	7967.4	7881.3	8028.0	8083.5	8164.6	8186.5
55°	7999.2	8147.2	8083.3	8097.6	8065.3	8048.8	7935.2	8107.3	8180.5	8277.1	8298.6
56°	8092.1	8260.5	8210.0	8223.8	8171.4	8131.9	7990.3	8185.0	8277.1	8391.3	8409.5
57°	8183.4	8368.1	8339.1	8350.7	8276.2	8212.9	8044.6	8258.4	8376.4	8512.9	8518.7
58°	8268.6	8470.7	8465.7	8485.6	8382.2	8284.5	8098.2	8325.9	8472.4	8636.2	8620.5
59°	8358.2	8560.9	8597.3	8620.5	8486.4	8347.4	8145.0	8388.8	8566.7	8762.8	8713.2
60°	8442.6	8648.6	8727.3	8760.4	8589.1	8402.9	8184.1	8444.2	8659.4	8891.9	8800.9
61°	8514.6	8723.9	8864.6	8901.9	8686.7	8446.7	8214.3	8488.1	8754.6	9023.5	8894.4
62°	8575.8	8789.3	8999.5	9041.7	8786.8	8476.5	8235.0	8524.5	8848.9	9151.8	8992.1
63°	8638.7	8852.2	9134.4	9182.4	8886.1	8499.7	8249.7	8555.1	8939.9	9277.6	9083.1
64°	8717.3	8912.6	9265.2	9324.7	8976.3	8512.1	8255.8	8574.2	9029.3	9401.7	9168.3
65°	8803.4	8983.8	9398.4	9469.6	9066.5	8520.4	8256.4	8588.2	9116.2	9514.2	9247.8
66°	8855.5	9059.9	9524.2	9606.9	9150.1	8523.7	8233.5	8590.7	9194.0	9620.2	9328.0
67°	8864.6	9119.5	9631.8	9734.4	9216.3	8507.1	8188.0	8570.0	9260.2	9709.5	9396.7
68°	8858.8	9138.5	9732.7	9856.8	9280.9	8447.5	8076.1	8521.2	9314.8	9786.5	9448.9
69°	8762.0	9110.4	9826.2	9958.6	9315.6	8338.3	7831.7	8416.1	9349.6	9841.1	9458.8
70°	8419.4	9007.8	9885.8	10034.8	9310.7	8119.5	7443.7	8220.5	9346.3	9875.9	9436.5
71°	7737.8	8723.9	9885.8	10073.7	9269.3	7781.7	6867.8	7902.0	9285.8	9874.2	9381.8
72°	6846.9	8185.9	9800.6	10062.9	9172.5	7329.9	6254.2	7436.2	9164.2	9831.2	9243.6
73°	5985.5	7438.2	9631.8	10005.0	9011.1	6794.0	5704.9	6862.3	8962.3	9707.1	9016.9
74°	5153.8	6603.4	9356.2	9865.9	8757.0	6264.9	5247.4	6267.6	8685.9	9486.9	8678.4
75°	3922.5	5676.7	8930.8	9590.4	8453.3	5741.6	4715.2	5711.3	8317.6	9148.5	8136.8
76°	2286.0	4470.8	8287.0	9177.4	8059.4	5079.0	3781.3	5123.2	7865.0	8686.7	7399.8
77°	899.5	2842.7	7422.4	8502.2	7532.8	4069.6	2661.9	4200.8	7299.4	7997.4	6515.2
78°	656.2	1290.3	6345.5	7523.2	6758.0	2718.4	1542.4	2976.7	6576.1	7012.3	5430.0
79°	435.9	916.5	4891.1	6224.4	5677.5	1351.5	433.2	1752.5	5549.2	5680.5	3978.7
80°	215.6	572.8	3029.8	4612.1	4203.4	961.8	245.7	539.0	4147.0	4137.7	2824.2
81°	191.3	229.0	1434.7	2923.0	2456.6	593.9	216.8	269.0	2908.5	2909.1	1669.6
82°	169.2	197.3	1033.2	1309.5	1054.0	226.0	188.0	222.4	1670.1	1680.4	520.9
83°	147.6	168.9	637.6	960.7	760.2	183.5	159.3	191.7	441.4	452.9	281.7
84°	125.4	142.0	242.0	621.3	483.9	154.9	136.4	161.0	260.6	289.1	214.7
85°	102.3	115.7	182.8	281.9	207.5	127.2	113.2	133.1	204.4	241.0	148.4
86°	75.8	90.7	139.7	223.4	152.7	100.7	89.8	106.1	148.4	192.1	105.1
87°	51.5	67.4	105.9	166.5	117.1	77.0	65.4	82.1	112.4	143.2	73.6
88°	27.3	44.1	73.0	103.5	83.8	53.6	42.0	59.2	80.5	89.7	45.5
89°	11.2	20.8	39.1	54.4	45.8	30.2	29.5	41.1	55.4	61.7	32.2

REPORT NUMBER: P1445102

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: P1445102

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: P1445102
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: P1445102

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1	5129.1
1°	5131.3	5133.3	5134.5	5135.4	5135.9	5136.7	5137.0	5131.9	5131.7	5131.2	5129.5
2°	5135.9	5140.1	5142.0	5144.2	5144.1	5145.4	5144.7	5140.9	5138.9	5136.5	5133.2
3°	5145.1	5149.4	5152.9	5154.5	5155.4	5155.7	5155.2	5151.1	5147.3	5143.7	5138.9
4°	5156.1	5160.9	5164.9	5167.3	5169.0	5169.7	5167.6	5161.3	5157.7	5153.6	5147.1
5°	5168.2	5174.0	5178.7	5182.7	5184.3	5184.1	5181.3	5174.5	5168.7	5163.9	5156.7
6°	5182.6	5189.8	5194.6	5199.0	5201.3	5200.9	5198.1	5190.3	5184.0	5176.2	5166.8
7°	5201.2	5208.3	5213.4	5218.6	5220.8	5220.5	5216.7	5209.2	5200.7	5192.1	5179.9
8°	5222.9	5229.3	5235.4	5242.0	5243.0	5242.7	5238.9	5229.5	5220.7	5211.4	5196.1
9°	5248.3	5254.0	5260.6	5267.2	5268.9	5266.5	5261.3	5252.0	5243.4	5233.6	5215.4
10°	5274.4	5280.7	5287.2	5295.6	5297.2	5293.8	5288.7	5280.0	5269.5	5256.7	5237.7
11°	5305.9	5313.2	5319.4	5326.8	5329.9	5327.0	5320.7	5312.9	5301.6	5284.5	5263.5
12°	5340.9	5348.4	5354.9	5361.6	5366.7	5364.5	5357.8	5351.3	5338.0	5318.1	5291.2
13°	5379.1	5387.0	5392.6	5400.3	5406.4	5405.2	5397.8	5391.1	5377.1	5355.7	5323.4
14°	5418.7	5426.8	5433.4	5441.9	5449.7	5450.1	5440.4	5432.6	5417.7	5394.6	5358.9
15°	5461.1	5470.5	5475.8	5487.7	5496.6	5495.6	5486.2	5478.4	5461.8	5435.2	5399.3
16°	5507.7	5516.3	5523.3	5535.8	5549.2	5546.3	5535.2	5529.5	5509.4	5479.5	5441.7
17°	5555.0	5564.1	5571.6	5586.7	5601.9	5597.2	5586.8	5581.6	5561.2	5527.9	5486.0
18°	5603.0	5611.3	5620.2	5638.8	5656.0	5650.7	5641.5	5636.5	5613.2	5577.2	5532.0
19°	5653.5	5660.5	5670.2	5692.2	5711.2	5705.2	5697.0	5692.2	5667.1	5630.2	5579.9
20°	5704.2	5709.0	5722.6	5745.5	5768.5	5762.8	5755.3	5749.8	5723.4	5682.8	5629.4
21°	5755.4	5759.3	5777.4	5802.6	5829.9	5822.1	5816.0	5809.7	5784.2	5736.9	5681.7
22°	5806.5	5810.4	5831.1	5857.9	5889.4	5883.3	5878.9	5866.7	5843.2	5791.5	5734.8
23°	5859.3	5862.2	5886.5	5917.5	5949.9	5943.9	5941.2	5923.5	5903.0	5850.9	5790.6
24°	5913.5	5917.3	5943.7	5974.6	6009.3	6008.0	6002.7	5978.9	5961.9	5910.8	5846.1
25°	5969.6	5974.6	6003.0	6035.0	6068.7	6071.9	6062.8	6036.2	6021.6	5968.6	5902.0
26°	6026.7	6035.0	6064.2	6097.1	6128.5	6137.0	6127.0	6094.2	6081.5	6025.7	5956.0
27°	6085.9	6096.4	6127.4	6157.5	6186.8	6201.1	6189.8	6153.4	6143.2	6084.3	6011.6
28°	6147.7	6162.5	6191.4	6217.8	6249.1	6267.4	6254.7	6218.3	6205.2	6143.0	6071.3
29°	6210.9	6230.7	6258.0	6278.1	6311.4	6332.8	6320.8	6288.6	6268.4	6202.6	6130.7
30°	6274.9	6300.1	6324.1	6340.0	6375.2	6397.2	6388.7	6359.4	6333.5	6261.3	6191.0
31°	6338.6	6372.8	6390.0	6404.3	6440.5	6460.0	6456.1	6430.6	6397.1	6322.4	6252.3
32°	6403.1	6447.2	6457.1	6468.1	6504.7	6523.6	6519.2	6495.0	6458.0	6382.4	6317.5
33°	6467.2	6524.1	6523.3	6531.6	6568.5	6583.8	6582.4	6560.0	6516.1	6444.3	6381.9
34°	6534.3	6599.4	6588.0	6597.2	6631.8	6642.3	6641.8	6625.3	6574.7	6504.1	6446.2
35°	6599.8	6678.6	6653.0	6663.0	6694.7	6700.3	6700.9	6691.7	6628.4	6564.5	6509.5
36°	6667.3	6758.7	6719.2	6728.7	6756.5	6759.6	6755.6	6758.2	6679.0	6622.5	6571.4
37°	6733.4	6837.6	6783.3	6795.9	6818.2	6820.8	6810.7	6831.2	6734.7	6682.2	6634.8
38°	6796.6	6917.7	6844.4	6861.6	6884.0	6882.3	6868.9	6908.9	6793.0	6741.1	6699.8
39°	6859.7	7001.3	6908.2	6926.5	6955.2	6946.9	6927.6	6990.0	6852.8	6806.1	6763.4
40°	6928.7	7087.5	6977.4	6995.9	7027.6	7012.3	6992.3	7074.0	6917.3	6873.4	6827.5
41°	7001.7	7171.0	7054.0	7067.0	7101.1	7082.2	7058.1	7163.0	6990.1	6944.4	6897.1
42°	7076.1	7253.7	7132.3	7141.9	7179.7	7154.4	7133.3	7252.2	7068.9	7015.6	6973.1
43°	7151.3	7335.2	7213.2	7221.0	7260.3	7228.6	7219.1	7338.1	7155.6	7091.9	7051.1
44°	7234.0	7413.6	7297.1	7302.1	7342.8	7306.9	7306.2	7414.8	7242.7	7170.1	7133.3

REPORT NUMBER: P1445102

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	7319.6	7491.4	7384.5	7386.2	7428.5	7390.6	7396.0	7485.1	7329.8	7256.9	7219.5
46°	7413.7	7570.8	7477.8	7474.9	7511.5	7479.3	7481.1	7556.1	7417.0	7348.2	7309.3
47°	7511.4	7648.6	7578.7	7567.1	7600.3	7572.9	7572.7	7624.7	7507.5	7443.5	7401.0
48°	7617.4	7718.1	7679.9	7659.9	7688.6	7669.6	7667.7	7686.8	7600.5	7537.4	7495.5
49°	7723.4	7789.3	7785.0	7754.0	7782.4	7767.0	7763.9	7743.4	7696.5	7631.2	7592.9
50°	7828.6	7862.6	7890.6	7854.9	7879.8	7866.2	7861.6	7799.2	7792.8	7725.3	7694.9
51°	7934.4	7939.6	7995.9	7955.0	7979.1	7960.4	7954.7	7855.2	7889.0	7822.9	7801.8
52°	8041.6	8013.8	8102.7	8063.5	8085.2	8057.2	8046.9	7912.3	7976.3	7922.4	7911.0
53°	8149.6	8084.9	8209.5	8171.0	8192.7	8154.8	8131.8	7967.2	8060.9	8021.4	8025.2
54°	8253.2	8154.2	8309.3	8282.9	8304.4	8254.8	8210.8	8023.1	8143.5	8122.5	8144.7
55°	8348.2	8223.8	8400.4	8395.4	8419.4	8350.7	8282.0	8075.2	8218.8	8216.2	8267.6
56°	8426.9	8288.7	8479.0	8507.1	8537.7	8446.7	8346.6	8124.9	8286.2	8315.1	8394.6
57°	8493.1	8352.4	8551.0	8622.2	8663.5	8539.4	8407.8	8171.5	8343.3	8414.4	8523.7
58°	8552.6	8412.8	8613.9	8723.1	8787.7	8630.4	8460.8	8215.1	8394.6	8505.5	8651.9
59°	8608.1	8469.9	8671.0	8814.1	8913.4	8719.8	8507.1	8246.0	8439.3	8597.3	8781.0
60°	8658.6	8520.4	8718.1	8907.7	9045.0	8803.4	8542.7	8268.1	8474.9	8695.8	8915.1
61°	8698.3	8565.9	8754.6	9007.8	9170.0	8885.3	8570.0	8292.0	8500.5	8790.1	9052.5
62°	8727.3	8612.2	8786.0	9104.6	9293.3	8971.4	8586.6	8308.5	8522.8	8880.3	9190.7
63°	8760.4	8655.3	8819.1	9190.7	9409.1	9058.3	8599.0	8311.0	8539.4	8971.4	9328.9
64°	8791.0	8698.3	8857.2	9264.3	9523.3	9137.7	8603.1	8302.7	8546.8	9056.6	9462.9
65°	8819.1	8706.6	8882.0	9332.2	9626.8	9213.8	8594.0	8271.1	8537.7	9133.6	9586.2
66°	8829.9	8648.6	8873.7	9404.2	9719.5	9281.7	8564.2	8199.0	8510.4	9201.4	9702.1
67°	8803.4	8578.3	8834.8	9458.8	9798.1	9322.3	8493.9	8077.5	8436.8	9258.5	9813.0
68°	8754.6	8461.6	8779.4	9497.7	9851.1	9326.4	8392.1	7848.9	8316.0	9291.6	9914.8
69°	8647.0	8188.7	8655.3	9492.7	9880.8	9294.9	8222.6	7433.6	8109.6	9278.4	9989.3
70°	8431.8	7721.5	8407.8	9445.6	9881.7	9226.3	7937.5	6837.6	7758.8	9215.5	10037.2
71°	8058.2	7023.0	7990.4	9342.9	9842.0	9103.8	7493.1	6190.8	7260.6	9103.8	10047.2
72°	7458.1	6163.5	7343.3	9162.5	9739.3	8936.6	6919.1	5672.3	6680.0	8936.6	10005.8
73°	6645.7	5261.3	6544.9	8904.3	9530.0	8685.9	6340.6	5237.6	6137.2	8658.6	9883.3
74°	5727.2	4355.8	5644.7	8494.7	9199.0	8354.9	5805.6	4684.6	5601.8	8306.0	9650.0
75°	4754.3	3221.0	4623.9	7864.5	8785.2	7939.5	5190.7	3679.0	4959.1	7873.4	9291.6
76°	3652.2	2037.2	3493.5	7068.4	8215.7	7404.1	4275.2	2328.5	3974.7	7329.5	8760.4
77°	2599.0	855.2	2492.1	6112.6	7377.4	6674.0	3015.3	1053.2	2679.5	6625.2	7937.9
78°	1545.7	354.4	1490.8	4917.1	6212.8	5677.2	1755.5	768.4	1329.9	5670.1	6703.7
79°	510.3	226.9	491.7	3420.3	4805.9	4363.5	501.3	492.3	941.1	4329.1	5162.2
80°	266.7	193.5	266.2	2191.2	3415.2	3077.9	269.5	216.1	585.3	2651.9	3497.4
81°	223.2	160.2	221.8	962.4	2024.4	1792.3	228.2	186.8	229.5	1180.5	1809.7
82°	179.7	136.4	177.3	394.6	663.7	527.7	199.3	163.6	190.0	843.3	623.6
83°	136.4	114.4	133.4	307.7	335.1	290.1	170.5	140.3	162.8	530.7	457.5
84°	110.5	94.7	107.6	220.8	272.0	236.6	141.6	116.7	135.1	218.2	293.3
85°	84.9	72.4	81.6	134.8	221.2	183.2	115.1	92.0	108.2	162.9	245.4
86°	61.3	49.0	57.9	96.6	170.4	129.8	90.2	68.9	83.6	125.4	193.7
87°	43.4	34.0	41.0	64.7	119.9	96.1	67.0	45.8	59.9	92.9	132.8
88°	25.5	18.9	24.1	45.0	81.8	65.8	46.3	22.7	36.3	74.9	67.2
89°	7.7	4.1	7.5	25.4	43.8	45.6	25.5	7.2	12.7	56.9	51.1

REPORT NUMBER: P1445102

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: P1445102

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: P1445102
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: P1445102

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	5129.1	5129.1	5129.1
1°	5128.4	5126.8	5128.3
2°	5130.3	5127.9	5127.9
3°	5134.0	5131.2	5130.9
4°	5140.3	5136.5	5134.4
5°	5148.7	5142.5	5139.4
6°	5158.3	5150.7	5147.7
7°	5170.3	5161.5	5157.5
8°	5183.7	5173.4	5169.0
9°	5200.1	5188.8	5183.7
10°	5218.9	5207.5	5201.4
11°	5242.6	5228.3	5223.6
12°	5268.8	5253.6	5247.7
13°	5296.3	5280.0	5274.7
14°	5326.7	5310.3	5305.1
15°	5362.0	5344.9	5339.8
16°	5401.4	5382.2	5375.6
17°	5443.1	5421.2	5413.5
18°	5486.3	5460.9	5451.9
19°	5532.5	5503.3	5491.9
20°	5580.2	5546.9	5534.1
21°	5629.8	5592.6	5576.6
22°	5680.1	5639.6	5619.7
23°	5731.7	5690.7	5665.5
24°	5784.1	5743.4	5712.8
25°	5838.1	5799.1	5764.1
26°	5892.9	5856.1	5815.6
27°	5949.2	5913.9	5872.0
28°	6007.2	5972.4	5930.7
29°	6065.3	6032.1	5991.6
30°	6124.6	6093.2	6057.4
31°	6185.0	6155.6	6125.7
32°	6246.9	6214.8	6194.6
33°	6310.3	6277.8	6268.7
34°	6373.6	6342.1	6346.3
35°	6439.0	6406.4	6424.7
36°	6505.1	6467.9	6503.1
37°	6567.4	6527.6	6584.5
38°	6632.6	6585.5	6667.2
39°	6697.2	6644.1	6750.0
40°	6761.6	6707.1	6835.7
41°	6827.9	6778.6	6924.6
42°	6899.1	6855.3	7010.6
43°	6974.4	6936.9	7090.3
44°	7056.9	7023.1	7164.9

REPORT NUMBER: P1445102

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	7142.9	7112.1	7238.3
46°	7237.3	7203.7	7307.6
47°	7333.6	7303.5	7372.6
48°	7430.1	7405.2	7437.2
49°	7532.3	7513.0	7505.3
50°	7634.6	7625.6	7577.1
51°	7744.6	7740.7	7653.0
52°	7857.6	7861.2	7728.6
53°	7971.5	7977.4	7814.7
54°	8094.0	8097.6	7906.2
55°	8216.4	8213.9	7999.2
56°	8341.6	8328.4	8092.1
57°	8468.2	8438.4	8183.4
58°	8598.2	8536.9	8268.6
59°	8730.6	8625.5	8358.2
60°	8867.1	8710.7	8442.6
61°	9000.3	8796.8	8514.6
62°	9133.6	8880.3	8575.8
63°	9268.5	8947.4	8638.7
64°	9400.0	8998.7	8717.3
65°	9532.4	9061.6	8803.4
66°	9659.9	9147.6	8855.5
67°	9772.4	9204.7	8864.6
68°	9851.9	9211.4	8858.8
69°	9931.3	9165.0	8762.0
70°	9977.7	9053.3	8419.4
71°	9951.2	8777.7	7737.8
72°	9817.1	8230.5	6846.9
73°	9628.4	7459.5	5985.5
74°	9337.1	6598.3	5153.8
75°	8794.3	5635.2	3922.5
76°	8050.7	4414.4	2286.0
77°	7154.8	2845.7	899.5
78°	6007.5	1338.5	656.2
79°	4391.4	949.1	435.9
80°	2432.8	594.5	215.6
81°	1081.1	240.0	191.3
82°	778.8	197.5	169.2
83°	499.2	169.0	147.6
84°	219.7	141.4	125.4
85°	167.7	113.4	102.3
86°	130.3	87.3	75.8
87°	95.9	63.8	51.5
88°	77.1	40.3	27.3
89°	58.6	16.7	11.2

REPORT NUMBER: P1445102

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: P1445102

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: P1445102

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)