

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: P1445054

Luminaire Tested: XAS300-SFPM (3000K-240W-T5)

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445054
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-240W-T5)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 80% (240W)
OPTICS - TYPE 5
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 45535 (1 lamp)
Luminaire Lumens: 35547.3 lumens
Efficiency: 78.1%
Efficacy: 143.5 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B5 - U0 - G3

Input Watts (W): 247.8
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

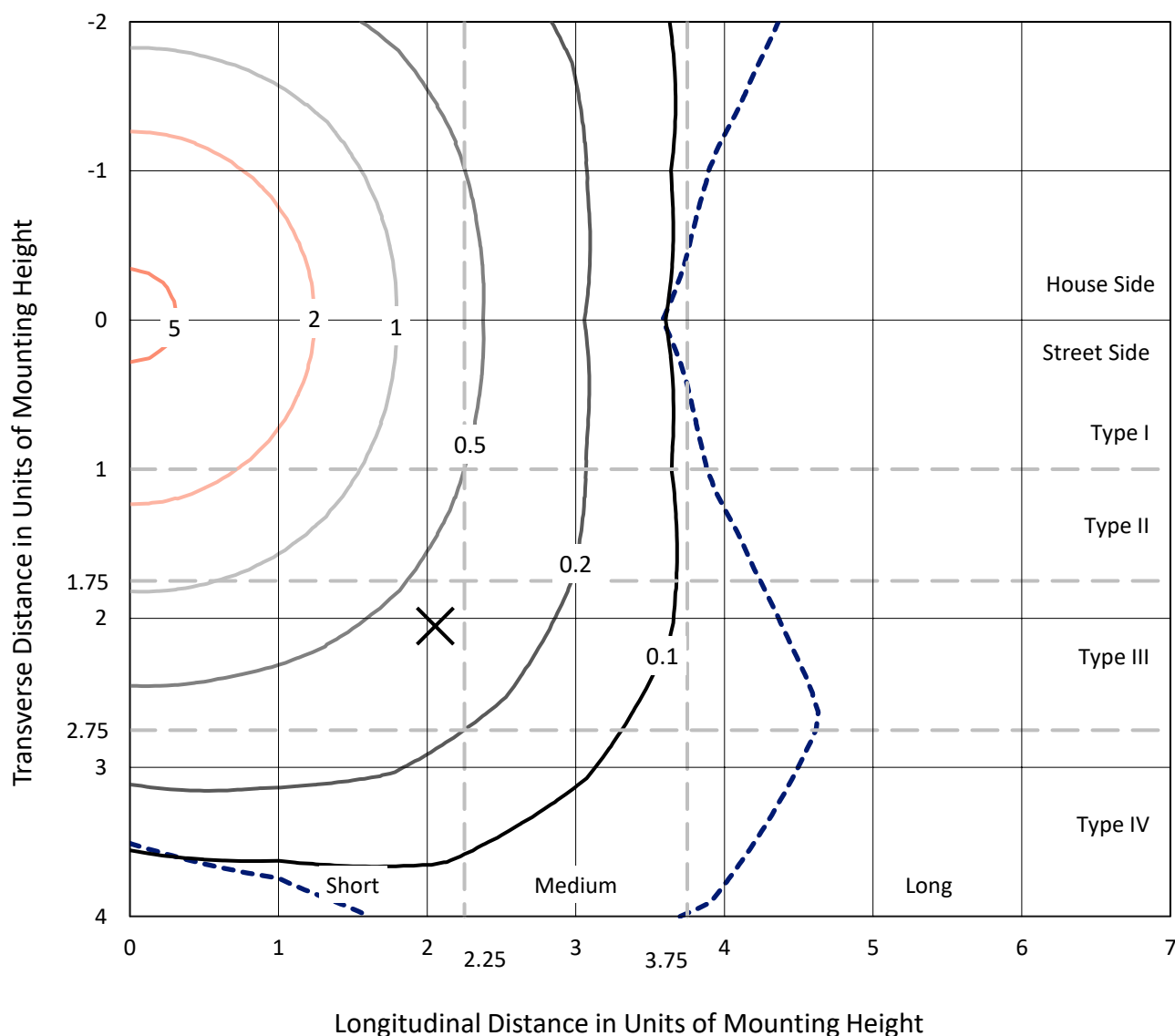
REPORT NUMBER: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

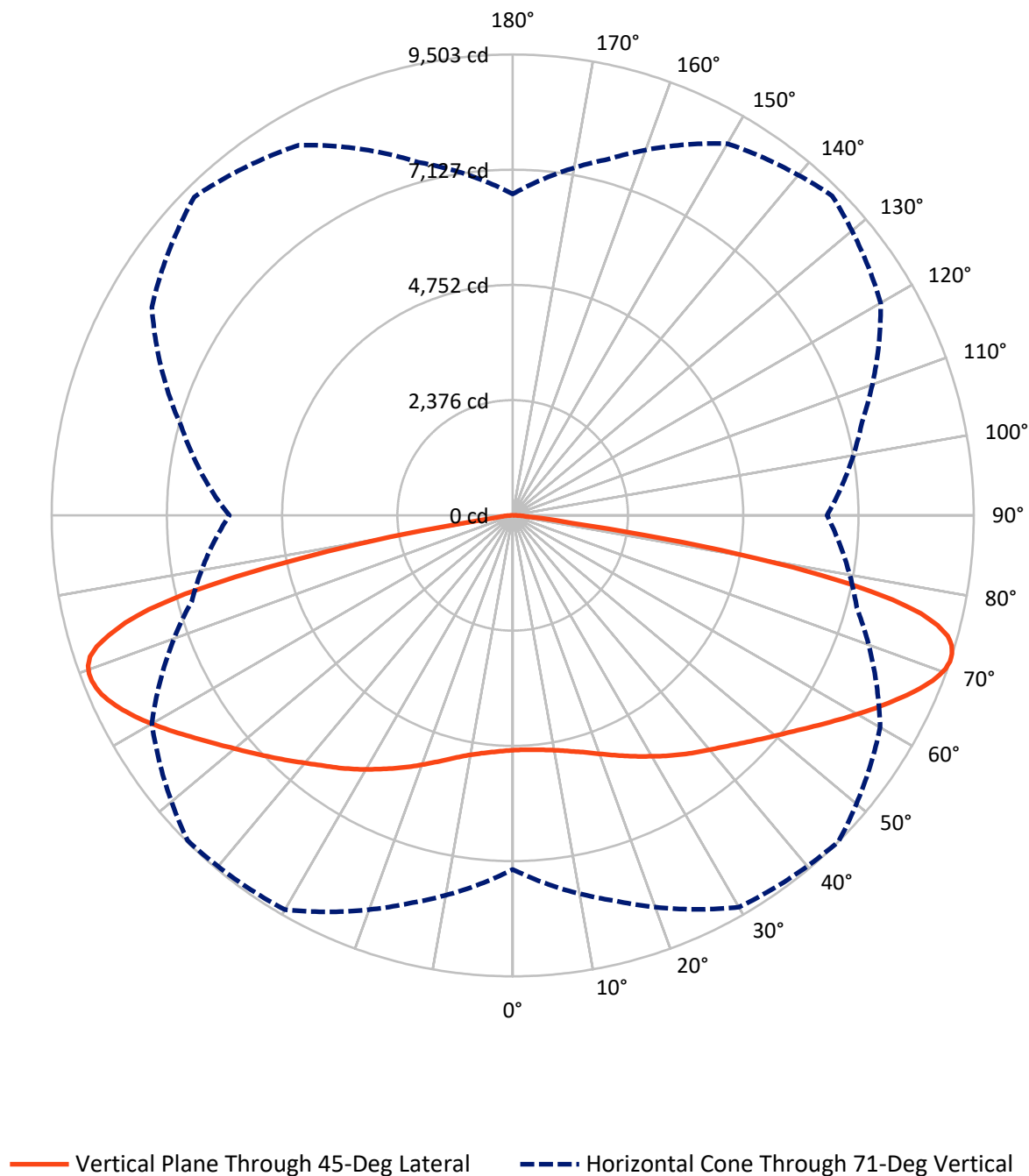


Based on 30 foot mounting height. Maximum calculated value = 5.4 fc
 Type V - Short - Full Cutoff

REPORT NUMBER: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

Luminous Intensity Polar Plot



REPORT NUMBER: P1445054

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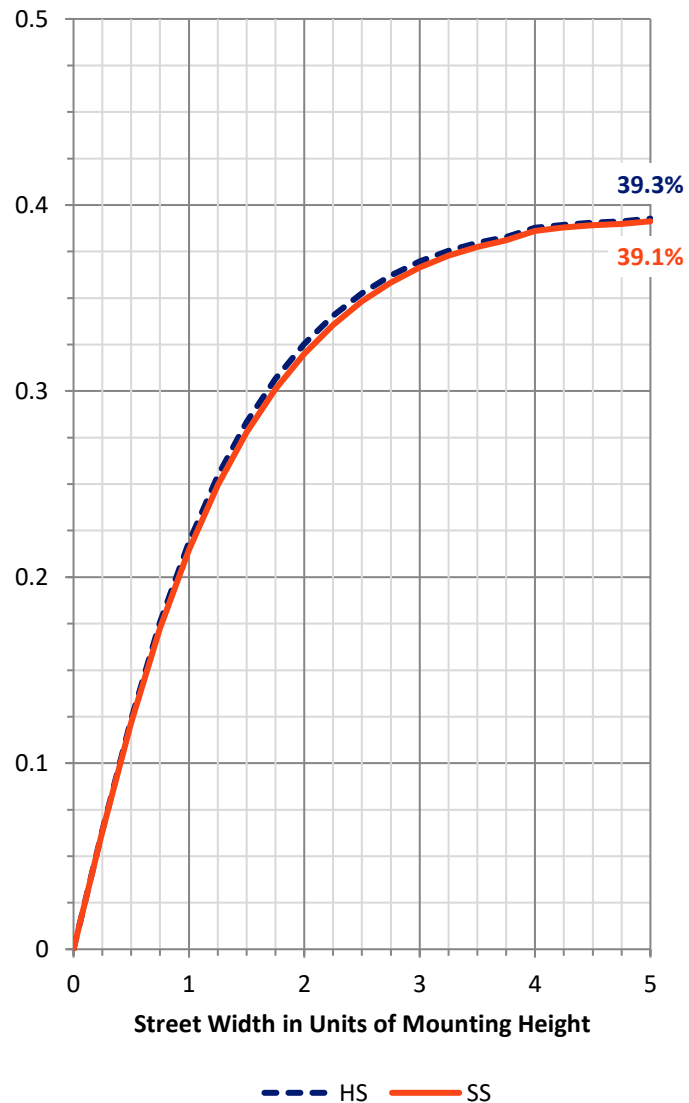
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17777.5	0.0	17777.5
	% Lamp	39.0	0.0	39.0
Street Side	Lumens	17769.8	0.0	17769.8
	% Lamp	39.0	0.0	39.0
Total	Lumens	35547.3	0.0	35547.3
	% Lamp	78.1	0.0	78.1

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	467.4	1.3	1.0
10°-20°	1459.0	4.1	3.2
20°-30°	2600.2	7.3	5.7
30°-40°	3891.0	10.9	8.5
40°-50°	5326.3	15.0	11.7
50°-60°	6945.3	19.5	15.3
60°-70°	8373.3	23.6	18.4
70°-80°	6119.5	17.2	13.4
80°-90°	365.1	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°	35547.3	100.0	78.1
0°-180°	35547.3	100.0	78.1

Coefficient of Utilization



REPORT NUMBER: P1445054

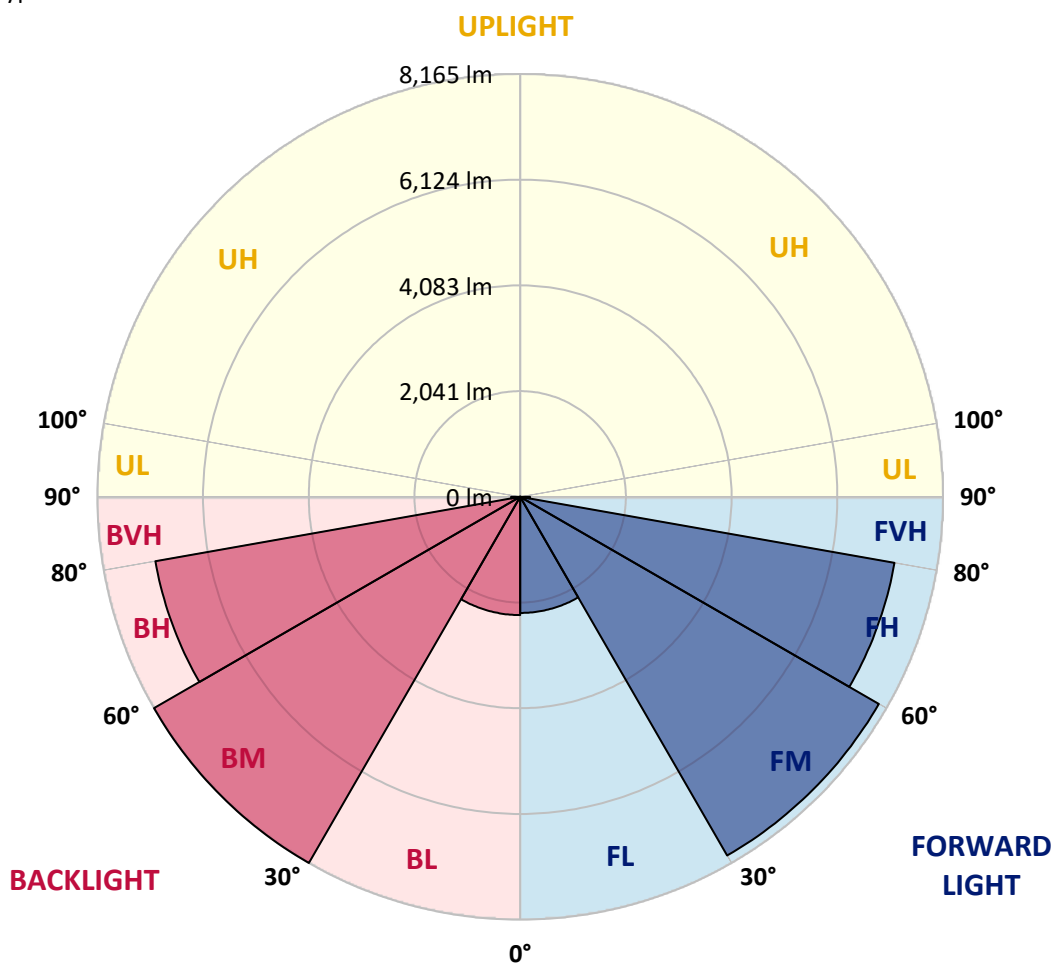
CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2242.9	4.9			
FM	(30°-60°)	7997.3	17.6			
FH	(60°-80°)	7339.6	16.1			G3/7500
FVH	(80°-90°)	189.9	0.4			G2/225
BL	(0°-30°)	2283.8	5.0	B3/2500		
BM	(30°-60°)	8165.3	17.9	B4/8500		
BH	(60°-80°)	7153.3	15.7	B5		G3/7500
BVH	(80°-90°)	175.2	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		9987.7	21.9			

BUG Rating: B5-U0-G3

Type V Short



REPORT NUMBER: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6
1°	4837.8	4836.4	4836.7	4837.5	4838.2	4840.0	4836.1	4836.1	4836.9	4838.2	4838.8
2°	4837.4	4836.4	4836.4	4837.4	4838.9	4840.3	4836.9	4837.8	4839.4	4841.9	4843.2
3°	4840.3	4837.9	4838.6	4838.9	4842.1	4844.7	4841.3	4843.0	4845.5	4848.5	4850.3
4°	4843.6	4841.8	4842.8	4845.2	4848.2	4851.1	4848.2	4850.3	4854.2	4857.3	4859.2
5°	4848.2	4846.9	4849.1	4852.1	4857.4	4862.1	4859.6	4861.9	4864.6	4868.4	4872.1
6°	4856.1	4853.5	4857.4	4862.4	4869.8	4875.2	4873.2	4875.2	4877.6	4881.0	4886.1
7°	4865.3	4864.2	4867.6	4875.8	4883.7	4888.1	4887.3	4890.2	4892.3	4896.1	4902.4
8°	4876.2	4875.2	4881.4	4890.3	4898.3	4905.4	4904.2	4907.5	4911.2	4914.9	4922.7
9°	4890.1	4888.1	4896.4	4905.7	4916.9	4924.4	4923.6	4926.6	4932.3	4937.3	4944.9
10°	4906.8	4905.5	4914.1	4925.0	4938.6	4946.4	4945.2	4947.6	4955.0	4963.8	4970.6
11°	4927.7	4924.6	4935.0	4947.6	4961.4	4968.7	4968.6	4970.9	4979.4	4991.2	4998.9
12°	4950.4	4947.1	4957.3	4971.7	4985.9	4994.8	4995.9	4998.5	5008.7	5022.5	5030.8
13°	4976.0	4971.6	4981.5	4998.7	5013.1	5023.3	5025.8	5030.3	5040.9	5055.7	5065.6
14°	5004.6	5000.2	5007.8	5027.2	5043.1	5057.8	5060.8	5064.2	5076.5	5091.1	5104.0
15°	5037.3	5030.7	5038.2	5057.5	5076.7	5093.1	5098.1	5103.0	5115.1	5129.9	5143.6
16°	5071.1	5063.8	5072.3	5090.5	5113.1	5131.3	5139.0	5145.7	5155.7	5170.7	5185.0
17°	5106.9	5097.1	5108.4	5125.5	5151.1	5173.8	5183.3	5188.4	5199.8	5214.4	5228.5
18°	5143.1	5133.9	5144.1	5165.8	5191.2	5218.6	5229.9	5235.6	5245.8	5261.1	5274.9
19°	5180.8	5171.5	5184.4	5209.8	5233.5	5264.3	5279.6	5283.8	5293.5	5309.1	5322.0
20°	5220.6	5211.7	5225.7	5253.3	5278.6	5311.3	5330.3	5334.9	5342.9	5358.3	5369.6
21°	5260.7	5253.2	5268.7	5299.4	5324.9	5362.5	5381.7	5389.5	5394.0	5411.1	5418.8
22°	5301.3	5295.1	5313.8	5345.8	5373.6	5414.3	5434.2	5445.6	5448.3	5463.4	5467.2
23°	5344.6	5340.2	5360.2	5395.2	5426.2	5467.6	5485.7	5500.2	5504.2	5516.6	5518.4
24°	5389.2	5387.4	5407.2	5444.5	5478.2	5517.7	5534.6	5554.2	5560.6	5569.9	5568.2
25°	5437.6	5436.5	5456.6	5496.1	5530.8	5568.4	5582.7	5607.7	5616.3	5624.2	5620.5
26°	5486.2	5488.8	5506.4	5548.0	5582.1	5621.4	5632.7	5661.6	5673.2	5678.8	5673.3
27°	5539.4	5542.4	5559.0	5600.6	5633.7	5675.4	5685.1	5717.9	5729.8	5732.4	5726.0
28°	5594.7	5598.3	5612.2	5653.1	5685.7	5730.6	5741.0	5772.4	5786.0	5788.1	5780.0
29°	5652.2	5654.0	5667.4	5707.4	5738.3	5786.0	5799.4	5830.0	5845.1	5842.2	5834.8
30°	5714.3	5712.2	5722.8	5761.8	5793.5	5843.5	5862.6	5890.4	5903.6	5898.1	5891.4
31°	5778.7	5770.3	5780.3	5819.9	5848.0	5902.6	5925.8	5951.6	5965.8	5957.1	5949.2
32°	5843.7	5828.2	5836.3	5877.1	5904.9	5958.3	5987.2	6011.1	6026.1	6017.4	6010.7
33°	5913.6	5886.1	5893.0	5932.4	5962.9	6014.4	6049.4	6069.6	6085.3	6078.6	6068.4
34°	5986.8	5945.1	5950.5	5989.5	6019.1	6070.8	6112.9	6127.6	6141.4	6135.4	6129.2
35°	6060.8	6005.4	6011.4	6050.0	6074.1	6128.1	6177.4	6186.1	6196.5	6195.4	6192.2
36°	6134.7	6064.1	6069.9	6107.3	6129.8	6183.8	6242.9	6243.4	6254.1	6257.3	6255.0
37°	6211.5	6119.6	6128.8	6162.6	6186.1	6235.1	6309.8	6300.4	6314.1	6319.5	6320.8
38°	6289.5	6173.3	6185.4	6221.7	6243.0	6287.8	6378.0	6355.5	6373.6	6383.4	6385.4
39°	6367.6	6228.3	6242.0	6279.4	6299.6	6344.1	6451.4	6412.8	6432.8	6447.9	6449.3
40°	6448.5	6286.8	6298.9	6338.4	6357.8	6402.9	6530.4	6474.4	6495.1	6516.0	6516.4
41°	6532.4	6350.3	6360.1	6400.0	6420.1	6466.8	6607.5	6538.6	6560.3	6583.2	6582.4
42°	6613.5	6421.9	6424.6	6465.9	6484.9	6533.9	6680.2	6608.2	6626.5	6653.9	6652.3
43°	6688.7	6499.1	6492.2	6535.9	6556.9	6602.1	6754.3	6677.8	6698.5	6727.3	6724.9
44°	6759.0	6580.2	6564.5	6609.0	6631.6	6675.8	6828.9	6748.7	6772.8	6804.4	6800.6

REPORT NUMBER: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	6828.3	6660.2	6640.1	6685.1	6706.5	6753.0	6903.7	6822.0	6847.6	6883.7	6879.3
46°	6893.7	6745.2	6720.9	6765.9	6787.1	6832.8	6973.8	6901.6	6927.4	6965.3	6961.6
47°	6954.9	6835.2	6807.9	6846.7	6868.7	6916.5	7039.3	6984.6	7008.7	7050.3	7045.0
48°	7015.9	6930.2	6896.9	6932.1	6950.4	6999.6	7104.1	7069.4	7092.6	7138.0	7133.7
49°	7080.2	7029.6	6988.7	7021.1	7037.9	7084.5	7165.7	7152.8	7175.3	7225.0	7224.8
50°	7147.9	7134.5	7084.3	7111.8	7130.7	7173.8	7224.8	7239.0	7262.4	7315.5	7319.2
51°	7219.5	7241.4	7185.2	7206.6	7220.0	7261.7	7281.4	7324.5	7349.4	7408.1	7416.0
52°	7290.8	7351.3	7288.7	7306.7	7317.1	7352.2	7333.0	7412.0	7439.4	7503.3	7515.4
53°	7372.0	7464.9	7395.2	7415.0	7412.9	7436.7	7382.8	7494.1	7530.2	7602.0	7618.6
54°	7458.4	7576.3	7508.1	7524.3	7510.6	7516.1	7434.8	7573.2	7625.6	7702.1	7722.7
55°	7546.1	7685.7	7625.4	7638.9	7608.4	7592.8	7485.7	7648.1	7717.1	7808.2	7828.5
56°	7633.7	7792.6	7745.0	7757.9	7708.5	7671.3	7537.7	7721.3	7808.2	7915.9	7933.1
57°	7719.8	7894.1	7866.8	7877.7	7807.4	7747.7	7588.9	7790.6	7901.9	8030.7	8036.2
58°	7800.2	7990.9	7986.2	8004.9	7907.3	7815.2	7639.5	7854.3	7992.4	8147.0	8132.2
59°	7884.7	8076.0	8110.3	8132.2	8005.7	7874.6	7683.6	7913.6	8081.4	8266.5	8219.6
60°	7964.3	8158.7	8232.9	8264.1	8102.5	7926.9	7720.5	7965.9	8168.9	8388.2	8302.4
61°	8032.3	8229.8	8362.5	8397.6	8194.6	7968.2	7749.0	8007.3	8258.6	8512.4	8390.6
62°	8090.0	8291.4	8489.7	8529.5	8289.1	7996.3	7768.5	8041.6	8347.6	8633.4	8482.7
63°	8149.4	8350.8	8617.0	8662.2	8382.8	8018.2	7782.4	8070.5	8433.5	8752.0	8568.6
64°	8223.5	8407.8	8740.3	8796.5	8467.9	8029.9	7788.1	8088.5	8517.8	8869.1	8649.0
65°	8304.7	8474.9	8866.0	8933.1	8553.0	8037.7	7788.7	8101.7	8599.8	8975.3	8723.9
66°	8353.9	8546.7	8984.7	9062.7	8631.8	8040.8	7767.1	8104.1	8673.2	9075.2	8799.6
67°	8362.5	8602.9	9086.2	9183.0	8694.3	8025.2	7724.2	8084.6	8735.6	9159.5	8864.4
68°	8357.0	8620.9	9181.4	9298.5	8755.1	7969.0	7618.7	8038.5	8787.2	9232.1	8913.6
69°	8265.7	8594.3	9269.6	9394.5	8787.9	7866.0	7388.0	7939.4	8819.9	9283.7	8923.0
70°	7942.5	8497.5	9325.8	9466.3	8783.3	7659.6	7022.1	7754.9	8816.8	9316.4	8901.9
71°	7299.5	8229.8	9325.8	9503.0	8744.2	7340.9	6478.7	7454.4	8759.8	9314.9	8850.4
72°	6459.1	7722.2	9245.4	9492.9	8652.9	6914.7	5899.9	7015.0	8645.1	9274.3	8720.0
73°	5646.5	7016.8	9086.2	9438.2	8500.7	6409.2	5381.7	6473.6	8454.6	9157.2	8506.1
74°	4861.9	6229.3	8826.2	9307.1	8261.0	5910.0	4950.1	5912.6	8193.9	8949.5	8186.8
75°	3700.3	5355.1	8424.9	9047.1	7974.5	5416.3	4448.1	5387.8	7846.5	8630.2	7675.9
76°	2156.5	4217.5	7817.6	8657.6	7602.9	4791.3	3567.1	4833.0	7419.4	8194.6	6980.6
77°	848.5	2681.7	7001.9	8020.5	7106.1	3839.1	2511.1	3962.9	6885.9	7544.3	6146.2
78°	619.1	1217.2	5986.1	7097.0	6375.1	2564.4	1455.0	2808.0	6203.5	6615.0	5122.4
79°	411.2	864.6	4614.0	5871.8	5355.9	1275.0	408.6	1653.2	5234.9	5358.7	3753.4
80°	203.4	540.3	2858.2	4350.8	3965.3	907.3	231.8	508.5	3912.1	3903.3	2664.3
81°	180.5	216.1	1353.4	2757.4	2317.4	560.2	204.5	253.7	2743.7	2744.3	1575.1
82°	159.6	186.1	974.7	1235.3	994.3	213.2	177.3	209.8	1575.5	1585.2	491.4
83°	139.3	159.3	601.5	906.3	717.1	173.1	150.3	180.8	416.4	427.2	265.7
84°	118.3	134.0	228.3	586.1	456.5	146.1	128.7	151.9	245.8	272.8	202.5
85°	96.5	109.2	172.4	265.9	195.8	120.0	106.8	125.5	192.8	227.4	140.0
86°	71.5	85.6	131.8	210.8	144.1	95.0	84.7	100.1	140.0	181.3	99.1
87°	48.6	63.5	99.9	157.0	110.5	72.7	61.7	77.5	106.0	135.1	69.4
88°	25.8	41.6	68.9	97.6	79.1	50.6	39.7	55.8	75.9	84.6	42.9
89°	10.6	19.6	36.9	51.3	43.2	28.5	27.8	38.8	52.2	58.2	30.3

REPORT NUMBER: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1445054
CATALOG NUMBER: XAS300-SFPM (3000K-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: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6	4838.6
1°	4840.6	4842.5	4843.6	4844.5	4845.0	4845.7	4846.0	4841.2	4841.0	4840.5	4838.9
2°	4845.0	4848.9	4850.7	4852.8	4852.7	4853.9	4853.2	4849.6	4847.8	4845.5	4842.4
3°	4853.6	4857.7	4861.0	4862.5	4863.4	4863.7	4863.1	4859.3	4855.7	4852.4	4847.8
4°	4864.0	4868.5	4872.3	4874.6	4876.2	4876.8	4874.9	4868.9	4865.6	4861.7	4855.5
5°	4875.5	4880.9	4885.3	4889.1	4890.6	4890.5	4887.8	4881.4	4875.9	4871.4	4864.6
6°	4889.1	4895.9	4900.4	4904.5	4906.6	4906.3	4903.7	4896.2	4890.3	4883.0	4874.1
7°	4906.6	4913.3	4918.1	4923.0	4925.1	4924.7	4921.2	4914.1	4906.1	4898.0	4886.5
8°	4927.0	4933.1	4938.8	4945.0	4946.0	4945.7	4942.2	4933.3	4925.0	4916.2	4901.8
9°	4951.0	4956.4	4962.6	4968.8	4970.4	4968.1	4963.2	4954.5	4946.4	4937.2	4920.0
10°	4975.6	4981.6	4987.7	4995.6	4997.1	4993.9	4989.1	4980.9	4971.0	4958.9	4941.0
11°	5005.4	5012.3	5018.1	5025.1	5027.9	5025.2	5019.3	5011.9	5001.2	4985.2	4965.3
12°	5038.3	5045.4	5051.5	5057.8	5062.7	5060.7	5054.3	5048.2	5035.6	5016.9	4991.5
13°	5074.4	5081.8	5087.1	5094.4	5100.2	5099.0	5092.0	5085.7	5072.5	5052.3	5021.9
14°	5111.7	5119.4	5125.6	5133.6	5141.0	5141.4	5132.2	5124.8	5110.9	5089.0	5055.3
15°	5151.8	5160.7	5165.7	5176.8	5185.2	5184.3	5175.4	5168.1	5152.4	5127.3	5093.4
16°	5195.7	5203.8	5210.4	5222.2	5234.8	5232.2	5221.6	5216.2	5197.3	5169.1	5133.5
17°	5240.3	5248.9	5256.0	5270.3	5284.5	5280.1	5270.3	5265.4	5246.2	5214.8	5175.3
18°	5285.6	5293.4	5301.8	5319.4	5335.6	5330.6	5321.9	5317.2	5295.2	5261.3	5218.7
19°	5333.3	5339.8	5349.0	5369.8	5387.7	5382.1	5374.2	5369.8	5346.1	5311.2	5263.8
20°	5381.1	5385.6	5398.4	5420.1	5441.8	5436.4	5429.3	5424.1	5399.2	5360.9	5310.5
21°	5429.4	5433.0	5450.1	5473.9	5499.7	5492.3	5486.6	5480.6	5456.5	5412.0	5359.9
22°	5477.6	5481.3	5500.8	5526.1	5555.8	5550.1	5545.8	5534.4	5512.2	5463.5	5409.9
23°	5527.4	5530.1	5553.0	5582.3	5612.9	5607.2	5604.6	5587.9	5568.6	5519.5	5462.6
24°	5578.5	5582.1	5607.0	5636.2	5668.9	5667.6	5662.7	5640.2	5624.1	5576.0	5514.9
25°	5631.5	5636.2	5662.9	5693.1	5724.9	5728.0	5719.4	5694.2	5680.5	5630.5	5567.7
26°	5685.3	5693.1	5720.7	5751.7	5781.4	5789.3	5780.0	5749.0	5737.0	5684.3	5618.6
27°	5741.2	5751.1	5780.3	5808.7	5836.3	5849.8	5839.1	5804.9	5795.2	5739.6	5671.1
28°	5799.5	5813.4	5840.7	5865.6	5895.1	5912.4	5900.4	5866.1	5853.7	5795.0	5727.4
29°	5859.1	5877.8	5903.5	5922.5	5953.9	5974.0	5962.8	5932.3	5913.3	5851.2	5783.4
30°	5919.5	5943.2	5965.8	5980.8	6014.1	6034.8	6026.8	5999.2	5974.7	5906.6	5840.3
31°	5979.5	6011.8	6028.1	6041.5	6075.7	6094.0	6090.4	6066.3	6034.8	5964.3	5898.2
32°	6040.4	6082.0	6091.4	6101.7	6136.3	6154.1	6149.9	6127.1	6092.1	6020.9	5959.6
33°	6100.9	6154.5	6153.8	6161.6	6196.4	6210.9	6209.6	6188.4	6146.9	6079.3	6020.4
34°	6164.2	6225.6	6214.8	6223.5	6256.2	6266.0	6265.5	6250.0	6202.2	6135.7	6081.1
35°	6226.0	6300.3	6276.1	6285.6	6315.5	6320.7	6321.3	6312.6	6253.0	6192.6	6140.8
36°	6289.7	6375.8	6338.6	6347.5	6373.7	6376.7	6373.0	6375.4	6300.7	6247.3	6199.2
37°	6352.0	6450.2	6399.0	6410.9	6432.0	6434.4	6424.9	6444.2	6353.2	6303.7	6259.0
38°	6411.6	6525.8	6456.7	6473.0	6494.0	6492.5	6479.8	6517.5	6408.2	6359.2	6320.3
39°	6471.2	6604.7	6516.9	6534.2	6561.2	6553.4	6535.2	6594.0	6464.6	6420.6	6380.3
40°	6536.2	6686.0	6582.2	6599.6	6629.5	6615.0	6596.2	6673.3	6525.4	6484.0	6440.8
41°	6605.0	6764.8	6654.4	6666.6	6698.9	6681.0	6658.3	6757.3	6594.1	6551.0	6506.4
42°	6675.3	6842.8	6728.3	6737.4	6773.0	6749.2	6729.2	6841.4	6668.5	6618.2	6578.1
43°	6746.2	6919.7	6804.6	6812.0	6849.0	6819.1	6810.1	6922.4	6750.2	6690.1	6651.7
44°	6824.2	6993.7	6883.7	6888.5	6926.8	6893.0	6892.3	6994.8	6832.5	6764.0	6729.2

REPORT NUMBER: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	6905.0	7067.0	6966.2	6967.8	7007.7	6972.0	6977.0	7061.1	6914.6	6845.8	6810.5
46°	6993.7	7142.0	7054.2	7051.5	7086.0	7055.6	7057.3	7128.1	6996.9	6931.9	6895.2
47°	7085.9	7215.4	7149.4	7138.5	7169.8	7143.9	7143.8	7192.8	7082.2	7021.8	6981.8
48°	7185.9	7280.9	7244.9	7226.0	7253.1	7235.1	7233.3	7251.4	7169.9	7110.4	7070.9
49°	7285.9	7348.1	7344.0	7314.7	7341.5	7327.0	7324.1	7304.8	7260.5	7198.9	7162.7
50°	7385.2	7417.2	7443.6	7409.9	7433.4	7420.6	7416.2	7357.4	7351.4	7287.7	7259.0
51°	7484.9	7489.8	7542.9	7504.4	7527.1	7509.4	7504.1	7410.2	7442.1	7379.8	7359.9
52°	7586.0	7559.9	7643.7	7606.7	7627.2	7600.8	7591.1	7464.1	7524.4	7473.6	7462.9
53°	7688.0	7626.9	7744.5	7708.1	7728.7	7692.8	7671.1	7515.9	7604.3	7567.0	7570.6
54°	7785.6	7692.3	7838.6	7813.7	7834.0	7787.2	7745.7	7568.6	7682.2	7662.4	7683.4
55°	7875.3	7757.9	7924.5	7919.8	7942.5	7877.7	7812.9	7617.8	7753.2	7750.8	7799.2
56°	7949.5	7819.1	7998.7	8025.2	8054.1	7968.2	7873.8	7664.6	7816.8	7844.1	7919.1
57°	8012.0	7879.2	8066.6	8133.7	8172.8	8055.7	7931.5	7708.6	7870.7	7937.8	8040.8
58°	8068.2	7936.2	8125.9	8229.0	8289.9	8141.5	7981.5	7749.7	7919.1	8023.7	8161.8
59°	8120.5	7990.1	8179.8	8314.9	8408.5	8225.9	8025.2	7778.8	7961.2	8110.3	8283.6
60°	8168.1	8037.7	8224.3	8403.1	8532.7	8304.7	8058.8	7799.8	7994.8	8203.2	8410.1
61°	8205.6	8080.7	8258.6	8497.5	8650.5	8382.0	8084.6	7822.3	8019.0	8292.2	8539.7
62°	8232.9	8124.4	8288.3	8588.9	8766.9	8463.2	8100.2	7837.9	8040.1	8377.3	8670.1
63°	8264.1	8165.0	8319.5	8670.1	8876.2	8545.1	8111.9	7840.2	8055.7	8463.2	8800.4
64°	8293.0	8205.6	8355.4	8739.5	8983.9	8620.1	8115.8	7832.4	8062.7	8543.6	8926.9
65°	8319.5	8213.4	8378.9	8803.5	9081.5	8691.9	8107.2	7802.6	8054.1	8616.2	9043.2
66°	8329.7	8158.7	8371.1	8871.5	9168.9	8755.9	8079.1	7734.6	8028.4	8680.2	9152.5
67°	8304.7	8092.4	8334.4	8923.0	9243.1	8794.2	8012.7	7619.9	7958.9	8734.1	9257.1
68°	8258.6	7982.3	8282.1	8959.7	9293.0	8798.1	7916.7	7404.3	7844.9	8765.3	9353.1
69°	8157.2	7724.8	8165.0	8955.0	9321.1	8768.4	7756.8	7012.5	7650.2	8752.8	9423.4
70°	7954.2	7284.1	7931.5	8910.5	9321.9	8703.6	7487.9	6450.3	7319.3	8693.5	9468.7
71°	7601.7	6625.2	7537.8	8813.7	9284.4	8588.1	7068.6	5840.1	6849.3	8588.1	9478.0
72°	7035.7	5814.4	6927.3	8643.5	9187.6	8430.4	6527.1	5351.0	6301.6	8430.4	9439.0
73°	6269.3	4963.3	6174.1	8399.9	8990.1	8193.9	5981.4	4940.9	5789.6	8168.1	9323.5
74°	5402.8	4109.1	5324.9	8013.5	8677.9	7881.6	5476.7	4419.3	5284.5	7835.5	9103.3
75°	4485.0	3038.5	4362.0	7419.0	8287.5	7489.8	4896.6	3470.6	4678.2	7427.4	8765.3
76°	3445.3	1921.8	3295.6	6668.0	7750.4	6984.7	4033.0	2196.6	3749.5	6914.3	8264.1
77°	2451.8	806.7	2351.0	5766.4	6959.5	6295.9	2844.5	993.6	2527.7	6249.9	7488.2
78°	1458.1	334.3	1406.4	4638.6	5860.9	5355.6	1656.0	724.9	1254.5	5348.9	6323.9
79°	481.4	214.1	463.9	3226.6	4533.7	4116.3	472.9	464.4	887.8	4083.9	4869.8
80°	251.6	182.6	251.1	2067.0	3221.7	2903.5	254.2	203.9	552.2	2501.6	3299.2
81°	210.6	151.2	209.2	907.9	1909.7	1690.8	215.3	176.3	216.5	1113.6	1707.2
82°	169.5	128.7	167.3	372.3	626.1	497.8	188.0	154.3	179.3	795.5	588.2
83°	128.6	108.0	125.8	290.3	316.1	273.6	160.8	132.3	153.5	500.7	431.5
84°	104.2	89.3	101.5	208.3	256.6	223.2	133.6	110.1	127.4	205.9	276.7
85°	80.1	68.3	77.0	127.2	208.7	172.8	108.6	86.8	102.1	153.7	231.5
86°	57.8	46.2	54.6	91.1	160.7	122.4	85.1	65.0	78.8	118.3	182.8
87°	40.9	32.0	38.7	61.0	113.1	90.7	63.3	43.2	56.6	87.6	125.3
88°	24.0	17.9	22.7	42.5	77.2	62.0	43.7	21.4	34.3	70.7	63.4
89°	7.3	3.9	7.1	23.9	41.3	43.1	24.1	6.8	12.0	53.7	48.2

REPORT NUMBER: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1445054
CATALOG NUMBER: XAS300-SFPM (3000K-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: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	4838.6	4838.6	4838.6
1°	4837.9	4836.4	4837.8
2°	4839.7	4837.4	4837.4
3°	4843.2	4840.5	4840.3
4°	4849.1	4845.5	4843.6
5°	4857.1	4851.2	4848.2
6°	4866.1	4858.9	4856.1
7°	4877.4	4869.1	4865.3
8°	4890.1	4880.3	4876.2
9°	4905.5	4894.8	4890.1
10°	4923.3	4912.5	4906.8
11°	4945.7	4932.2	4927.7
12°	4970.3	4956.0	4950.4
13°	4996.3	4980.9	4976.0
14°	5025.0	5009.5	5004.6
15°	5058.2	5042.2	5037.3
16°	5095.4	5077.3	5071.1
17°	5134.7	5114.1	5106.9
18°	5175.5	5151.6	5143.1
19°	5219.1	5191.6	5180.8
20°	5264.1	5232.7	5220.6
21°	5310.9	5275.8	5260.7
22°	5358.3	5320.1	5301.3
23°	5407.0	5368.3	5344.6
24°	5456.5	5418.0	5389.2
25°	5507.4	5470.6	5437.6
26°	5559.1	5524.4	5486.2
27°	5612.2	5578.9	5539.4
28°	5666.9	5634.1	5594.7
29°	5721.7	5690.4	5652.2
30°	5777.6	5748.0	5714.3
31°	5834.6	5806.9	5778.7
32°	5893.1	5862.8	5843.7
33°	5952.9	5922.2	5913.6
34°	6012.5	5982.9	5986.8
35°	6074.3	6043.5	6060.8
36°	6136.6	6101.5	6134.7
37°	6195.4	6157.8	6211.5
38°	6256.9	6212.4	6289.5
39°	6317.8	6267.7	6367.6
40°	6378.6	6327.1	6448.5
41°	6441.1	6394.6	6532.4
42°	6508.3	6466.9	6613.5
43°	6579.3	6544.0	6688.7
44°	6657.1	6625.3	6759.0

REPORT NUMBER: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	6738.3	6709.2	6828.3
46°	6827.3	6795.6	6893.7
47°	6918.2	6889.8	6954.9
48°	7009.2	6985.7	7015.9
49°	7105.6	7087.4	7080.2
50°	7202.1	7193.7	7147.9
51°	7305.9	7302.3	7219.5
52°	7412.5	7415.9	7290.8
53°	7519.9	7525.5	7372.0
54°	7635.5	7638.9	7458.4
55°	7751.0	7748.6	7546.1
56°	7869.1	7856.6	7633.7
57°	7988.5	7960.4	7719.8
58°	8111.1	8053.3	7800.2
59°	8236.0	8136.9	7884.7
60°	8364.8	8217.3	7964.3
61°	8490.5	8298.5	8032.3
62°	8616.2	8377.3	8090.0
63°	8743.4	8440.5	8149.4
64°	8867.6	8488.9	8223.5
65°	8992.5	8548.3	8304.7
66°	9112.7	8629.5	8353.9
67°	9218.9	8683.3	8362.5
68°	9293.8	8689.6	8357.0
69°	9368.8	8645.9	8265.7
70°	9412.5	8540.5	7942.5
71°	9387.5	8280.5	7299.5
72°	9261.0	7764.3	6459.1
73°	9083.0	7037.0	5646.5
74°	8808.2	6224.5	4861.9
75°	8296.1	5316.0	3700.3
76°	7594.7	4164.4	2156.5
77°	6749.5	2684.5	848.5
78°	5667.2	1262.7	619.1
79°	4142.7	895.3	411.2
80°	2295.0	560.9	203.4
81°	1019.9	226.4	180.5
82°	734.7	186.3	159.6
83°	471.0	159.4	139.3
84°	207.2	133.4	118.3
85°	158.2	107.0	96.5
86°	123.0	82.4	71.5
87°	90.4	60.2	48.6
88°	72.7	38.0	25.8
89°	55.3	15.8	10.6

REPORT NUMBER: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1445054

CATALOG NUMBER: XAS300-SFPM (3000K-240W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)