

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: P1445100

Luminaire Tested: XAS300-SFPM (5000K-240W-T4)

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445100
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-T4)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 80% (240W)
OPTICS - TYPE 4
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 46561 (1 lamp)
Luminaire Lumens: 38531.1 lumens
Efficiency: 82.8%
Efficacy: 158.7 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type IV - Short - Full Cutoff
BUG Rating: B5 - U0 - G5

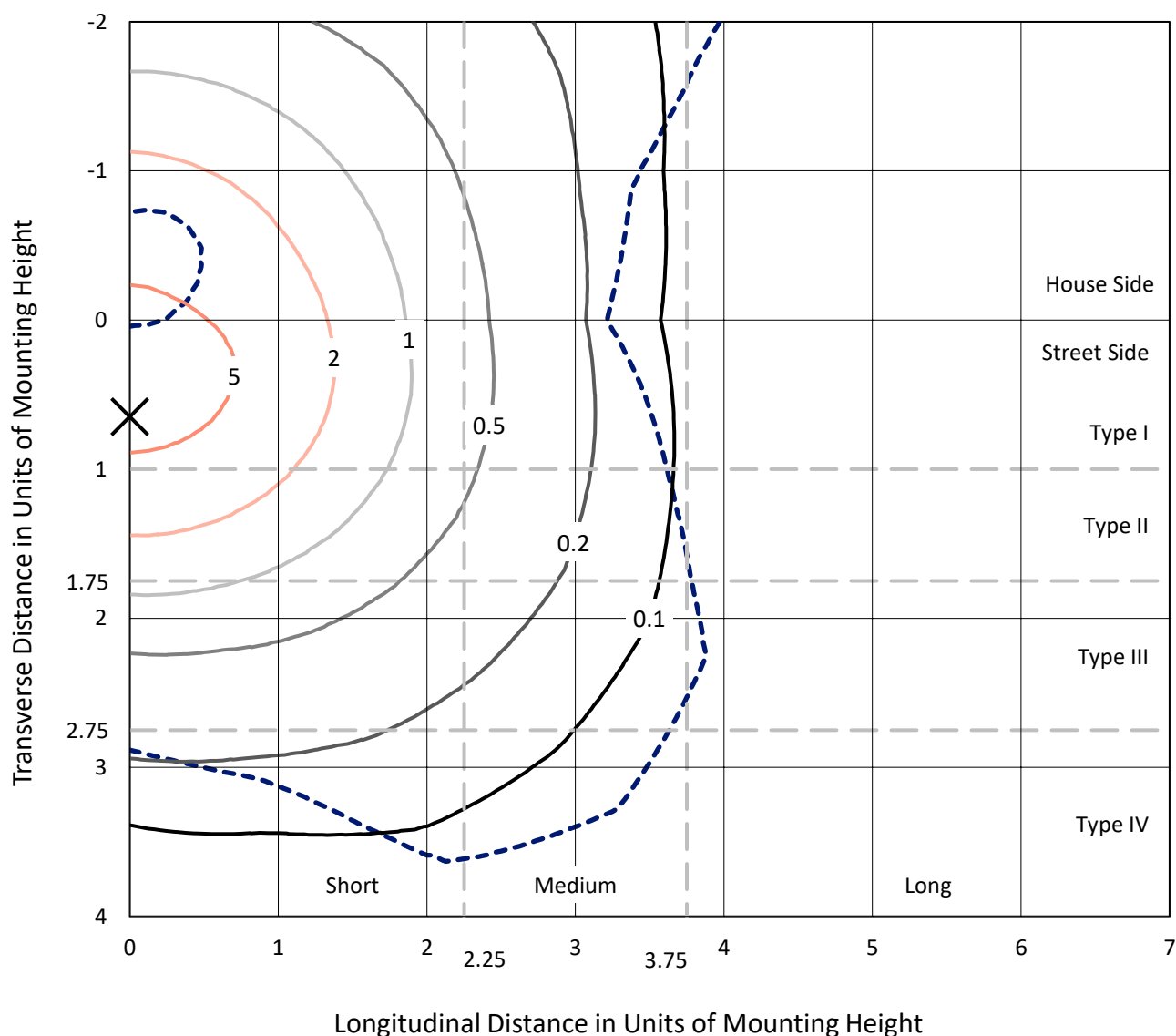
Input Watts (W): 242.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

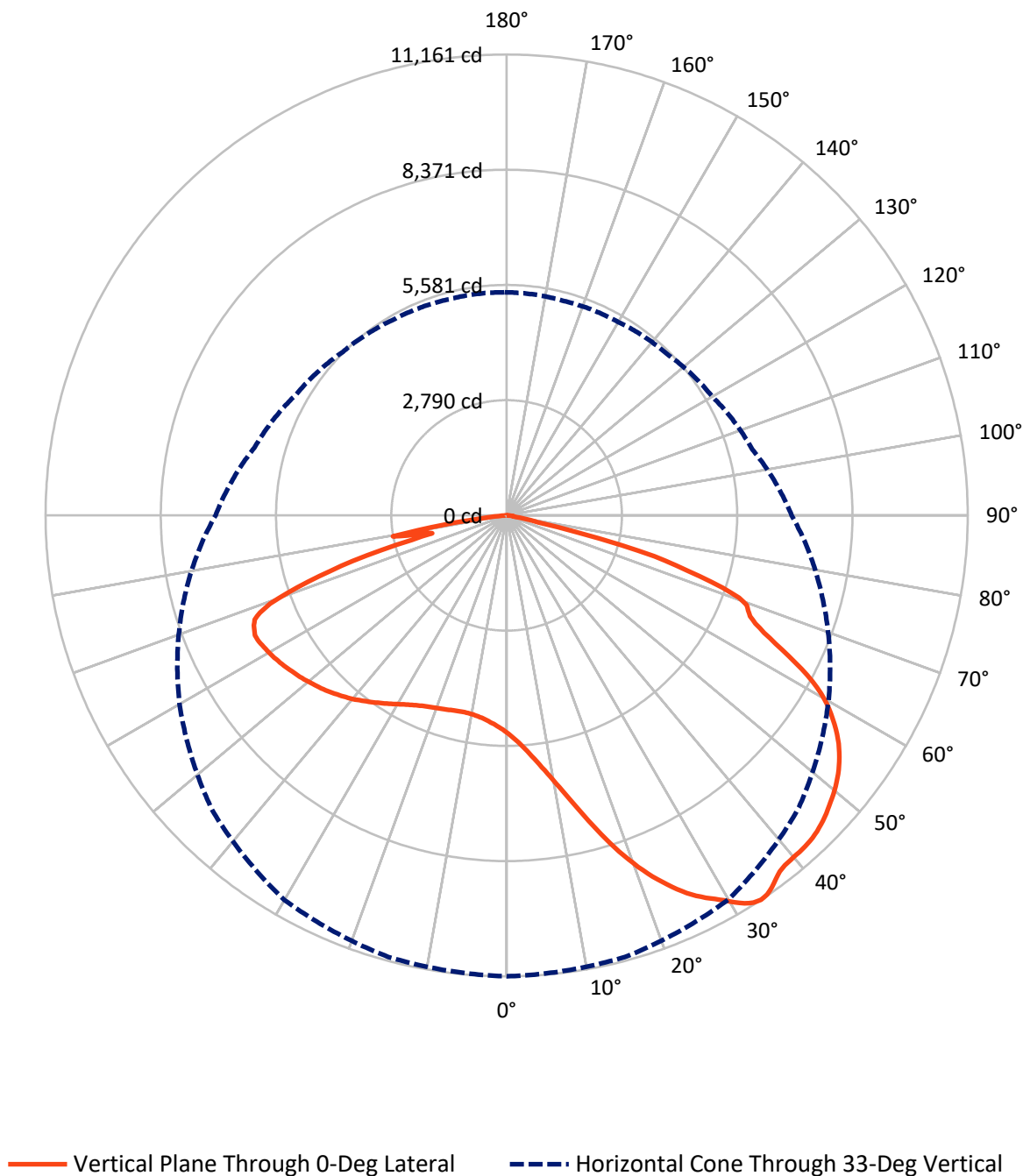


Based on 30 foot mounting height. Maximum calculated value = 8.4 fc
 Type IV - Short - Full Cutoff

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Luminous Intensity Polar Plot



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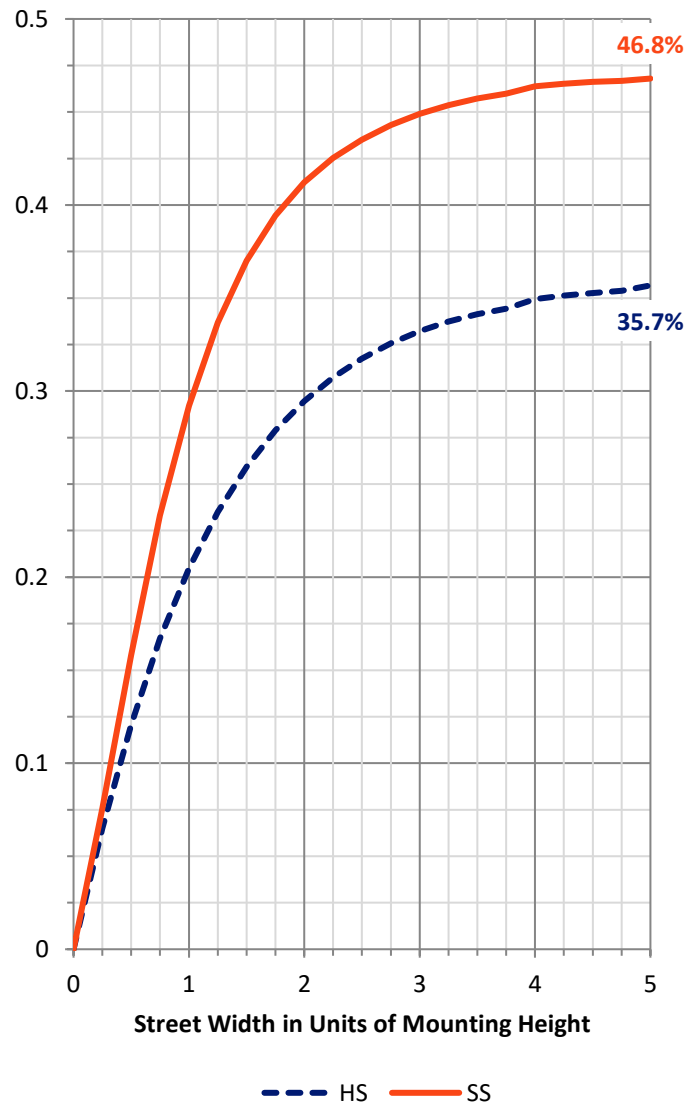
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16767.5	0.0	16767.5
	% Lamp	36.0	0.0	36.0
Street Side	Lumens	21763.6	0.0	21763.6
	% Lamp	46.7	0.0	46.7
Total	Lumens	38531.1	0.0	38531.1
	% Lamp	82.8	0.0	82.8

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	520.5	1.4	1.1
10°-20°	1721.9	4.5	3.7
20°-30°	3251.6	8.4	7.0
30°-40°	4900.1	12.7	10.5
40°-50°	6334.0	16.4	13.6
50°-60°	7586.2	19.7	16.3
60°-70°	8058.6	20.9	17.3
70°-80°	5522.1	14.3	11.9
80°-90°	636.1	1.7	1.4
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°	38531.1	100.0	82.8
0°-180°	38531.1	100.0	82.8

Coefficient of Utilization



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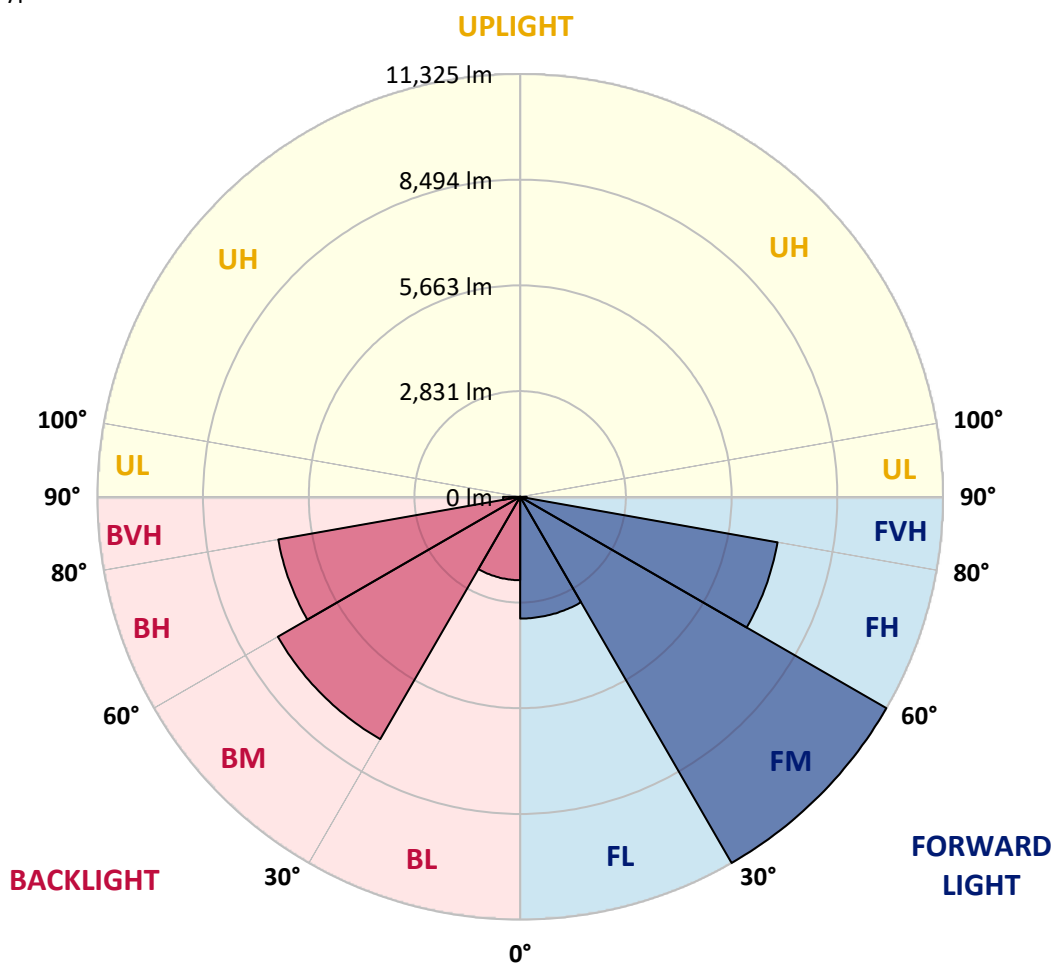
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3260.9	7.0			
FM	(30°-60°)	11325.2	24.3			
FH	(60°-80°)	7001.1	15.0			G3/7500
FVH	(80°-90°)	176.4	0.4			G2/225
BL	(0°-30°)	2233.1	4.8	B3/2500		
BM	(30°-60°)	7495.1	16.1	B4/8500		
BH	(60°-80°)	6579.6	14.1	B5		G5
BVH	(80°-90°)	459.7	1.0			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		8029.9	17.2			

BUG Rating: B5-U0-G5

Type IV Short



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CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3
1°	5368.1	5366.3	5360.7	5352.7	5338.0	5319.5	5282.5	5263.4	5246.9	5233.1	5224.0
2°	5457.1	5451.3	5436.7	5413.3	5379.4	5341.9	5285.0	5247.5	5213.6	5187.0	5169.1
3°	5557.9	5547.8	5521.9	5479.3	5426.9	5368.3	5292.0	5235.6	5186.2	5148.5	5122.6
4°	5670.7	5655.5	5616.6	5556.4	5481.0	5400.4	5302.1	5227.5	5164.6	5115.9	5083.0
5°	5795.2	5774.2	5719.3	5640.1	5543.5	5438.4	5317.9	5225.3	5147.4	5089.8	5049.9
6°	5933.1	5906.8	5839.1	5733.5	5610.7	5478.7	5336.4	5225.8	5133.7	5067.0	5019.0
7°	6082.1	6051.0	5964.8	5836.2	5682.6	5522.3	5356.0	5228.1	5124.6	5046.9	4991.7
8°	6240.7	6204.3	6101.7	5947.3	5760.1	5570.3	5379.6	5234.3	5118.6	5030.0	4969.6
9°	6416.3	6375.5	6252.1	6066.5	5845.2	5623.1	5406.7	5242.1	5113.3	5016.7	4951.5
10°	6606.1	6552.4	6409.2	6194.7	5936.9	5679.3	5437.7	5252.2	5109.2	5008.9	4938.7
11°	6811.6	6750.7	6582.3	6330.4	6033.7	5740.4	5470.2	5265.2	5107.9	5002.7	4930.6
12°	7032.4	6958.1	6763.7	6476.8	6137.3	5806.5	5506.4	5282.8	5111.1	5000.3	4926.9
13°	7270.8	7183.6	6960.6	6630.4	6246.1	5876.2	5549.2	5302.9	5118.1	5000.6	4927.7
14°	7522.2	7424.7	7164.8	6794.8	6364.9	5952.5	5596.9	5326.5	5127.3	5004.6	4932.6
15°	7783.8	7673.0	7377.5	6967.3	6487.5	6031.5	5646.1	5352.9	5139.2	5011.7	4940.3
16°	8053.0	7924.5	7597.9	7144.6	6618.3	6116.4	5699.4	5384.8	5154.5	5021.0	4950.9
17°	8318.4	8179.3	7822.8	7323.2	6753.2	6206.9	5757.6	5418.3	5174.5	5034.7	4965.2
18°	8580.8	8431.8	8046.8	7509.5	6891.4	6302.1	5819.4	5455.6	5196.3	5052.1	4982.2
19°	8836.5	8680.1	8271.7	7692.2	7031.2	6399.0	5881.1	5495.3	5222.0	5070.3	5000.7
20°	9085.6	8916.8	8487.3	7874.3	7174.4	6496.9	5945.6	5538.1	5249.7	5093.4	5022.4
21°	9318.9	9147.6	8700.8	8056.6	7319.9	6600.5	6012.8	5582.8	5280.1	5117.7	5043.3
22°	9539.9	9366.1	8901.0	8234.5	7464.1	6707.7	6080.9	5627.9	5313.4	5144.7	5067.4
23°	9744.3	9578.0	9098.8	8411.1	7612.2	6816.0	6148.7	5672.7	5347.8	5173.5	5092.4
24°	9942.1	9776.6	9288.3	8579.9	7753.0	6923.4	6214.5	5718.1	5383.7	5202.3	5119.2
25°	10130.8	9970.2	9475.3	8747.1	7894.8	7027.9	6281.3	5762.6	5420.4	5233.2	5146.6
26°	10290.5	10142.3	9655.8	8911.0	8032.4	7135.6	6350.4	5808.5	5458.9	5264.6	5174.3
27°	10437.0	10298.8	9831.2	9068.2	8169.3	7245.8	6419.7	5853.5	5497.4	5296.2	5203.5
28°	10568.5	10437.0	9992.6	9225.4	8305.2	7355.5	6492.1	5899.1	5536.7	5329.8	5232.8
29°	10709.2	10573.5	10145.7	9379.4	8436.0	7468.5	6568.3	5948.3	5578.0	5362.2	5265.7
30°	10876.4	10733.2	10295.4	9534.1	8566.7	7585.7	6648.1	6000.4	5619.8	5397.3	5298.9
31°	11016.2	10883.0	10460.1	9692.2	8703.3	7700.8	6729.7	6053.1	5663.0	5433.5	5334.6
32°	11120.5	11000.5	10612.4	9850.2	8843.9	7813.7	6815.3	6106.0	5707.0	5471.7	5370.7
33°	11161.1	11069.2	10739.0	10003.3	8996.2	7926.4	6899.0	6159.3	5750.9	5510.4	5406.6
34°	11137.9	11065.1	10824.2	10141.5	9144.3	8052.6	6986.4	6213.9	5791.4	5547.7	5442.2
35°	11058.4	11002.2	10840.0	10249.9	9273.4	8186.5	7077.0	6270.3	5832.8	5587.6	5481.8
36°	10953.3	10910.3	10801.1	10321.1	9389.3	8316.8	7171.1	6328.7	5875.0	5629.2	5524.1
37°	10864.8	10804.4	10734.9	10336.8	9476.2	8429.3	7264.2	6384.9	5920.7	5672.3	5572.5
38°	10823.4	10735.7	10666.2	10317.8	9543.2	8526.2	7361.6	6437.6	5966.8	5720.5	5622.8
39°	10808.5	10700.9	10616.5	10292.1	9574.7	8607.3	7461.0	6494.3	6014.2	5772.8	5675.4
40°	10803.6	10683.6	10592.5	10278.9	9584.6	8667.7	7551.1	6555.4	6063.9	5831.0	5730.4
41°	10799.4	10672.0	10585.1	10278.9	9599.5	8710.7	7627.7	6622.2	6116.1	5886.8	5784.5
42°	10787.0	10662.9	10584.3	10294.6	9628.4	8749.6	7690.3	6684.7	6172.7	5948.2	5840.6
43°	10763.0	10649.6	10583.4	10321.9	9664.0	8795.9	7741.5	6741.6	6233.1	6010.4	5893.9
44°	10724.9	10633.1	10580.1	10353.4	9707.1	8855.5	7792.0	6796.8	6297.3	6077.2	5946.8

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CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	10674.5	10604.9	10572.7	10382.3	9755.9	8921.7	7846.7	6855.0	6361.1	6143.5	5998.0
46°	10612.4	10568.5	10560.3	10406.3	9810.5	8987.9	7906.2	6916.7	6428.2	6209.4	6048.3
47°	10545.4	10529.6	10545.4	10423.7	9865.9	9056.6	7963.2	6984.9	6494.4	6273.5	6100.6
48°	10474.2	10485.8	10525.5	10436.1	9919.7	9126.1	8021.9	7057.1	6561.2	6337.6	6152.0
49°	10400.5	10440.3	10497.4	10444.4	9973.5	9193.2	8077.2	7129.5	6631.0	6400.5	6208.5
50°	10321.1	10393.1	10463.4	10447.7	10023.2	9260.2	8129.2	7205.3	6700.7	6462.7	6265.3
51°	10230.9	10338.5	10422.9	10446.9	10068.7	9322.3	8176.4	7280.9	6769.5	6526.1	6327.5
52°	10129.9	10271.4	10376.5	10441.1	10115.0	9384.3	8219.4	7356.1	6838.1	6591.2	6393.4
53°	10018.2	10196.1	10326.9	10434.5	10153.9	9438.9	8257.8	7428.3	6910.2	6659.0	6463.2
54°	9892.4	10099.3	10273.1	10420.4	10187.0	9489.4	8296.9	7496.0	6985.5	6730.6	6537.0
55°	9752.6	9985.9	10213.5	10401.4	10216.0	9534.1	8332.5	7559.9	7061.0	6805.0	6613.0
56°	9593.7	9855.2	10139.9	10372.4	10239.2	9573.0	8366.4	7621.2	7137.9	6884.4	6688.1
57°	9414.1	9704.6	10051.3	10334.3	10254.1	9606.1	8396.2	7680.4	7217.4	6970.1	6762.8
58°	9214.7	9530.8	9942.9	10288.8	10259.9	9631.8	8418.6	7734.0	7300.4	7060.6	6834.7
59°	9002.0	9333.0	9822.9	10237.5	10254.9	9646.7	8435.1	7782.8	7379.4	7152.8	6901.3
60°	8747.1	9112.1	9683.9	10176.3	10237.5	9650.0	8443.4	7826.6	7459.0	7249.6	6964.6
61°	8431.0	8854.7	9529.1	10100.1	10205.2	9634.2	8440.1	7860.7	7541.5	7350.0	7035.4
62°	8054.8	8546.0	9355.4	10009.1	10167.2	9599.5	8425.2	7886.7	7625.5	7452.8	7107.0
63°	7632.6	8189.6	9156.7	9899.9	10113.4	9557.3	8406.2	7907.2	7708.8	7556.4	7178.3
64°	7214.7	7812.6	8935.0	9774.1	10039.7	9496.0	8375.5	7913.9	7788.4	7663.3	7245.5
65°	6851.9	7459.8	8695.0	9626.8	9953.7	9417.4	8327.5	7911.9	7865.0	7766.6	7310.7
66°	6563.9	7136.6	8436.8	9459.6	9848.6	9327.2	8253.9	7902.4	7929.9	7869.4	7377.5
67°	6379.6	6865.7	8184.1	9263.5	9709.5	9199.0	8145.3	7863.2	7989.3	7962.5	7437.6
68°	6285.2	6667.1	7942.5	9040.9	9544.9	9025.2	7971.8	7790.1	8039.3	8053.0	7492.1
69°	6203.2	6527.8	7719.1	8794.3	9338.0	8799.2	7698.0	7653.0	8072.6	8131.4	7521.4
70°	5971.2	6405.4	7511.4	8527.8	9086.4	8481.5	7274.5	7415.5	8069.9	8200.7	7538.3
71°	5510.5	6189.8	7329.6	8255.5	8791.0	8051.1	6666.2	7062.2	8015.4	8248.4	7539.2
72°	4896.2	5817.0	7151.6	7977.6	8447.5	7518.7	6001.0	6600.3	7895.1	8269.6	7489.7
73°	4281.2	5294.0	6948.4	7708.1	8049.0	6897.1	5383.0	6079.3	7685.9	8235.2	7396.0
74°	3712.0	4712.1	6697.4	7428.1	7586.6	6250.8	4819.6	5583.9	7411.9	8131.2	7239.4
75°	2884.6	4072.2	6372.0	7089.8	7076.0	5571.1	4161.4	5108.4	7079.9	7936.7	6950.2
76°	1764.2	3279.5	5914.5	6707.2	6516.1	4834.2	3182.1	4503.5	6740.7	7625.6	6556.0
77°	780.8	2166.3	5326.8	6168.2	5886.2	3876.1	2065.7	3574.6	6361.8	7115.9	6116.8
78°	586.8	1048.5	4577.5	5444.6	5125.8	2662.9	956.6	2540.6	5886.0	6364.8	5564.0
79°	406.4	765.4	3616.7	4536.7	4219.5	1469.4	388.4	1506.5	5112.8	5366.4	4814.2
80°	225.9	498.8	2334.4	3431.6	3143.9	672.1	258.6	484.3	3908.8	4272.8	4044.5
81°	197.0	232.2	1182.3	2251.3	1917.2	462.3	223.4	292.9	2768.5	3297.8	3402.6
82°	173.4	198.9	864.1	1100.6	888.0	265.3	196.6	239.2	1628.2	2487.3	2995.3
83°	150.4	171.8	557.0	815.8	640.9	218.2	169.7	203.0	510.0	1985.4	2791.3
84°	127.3	145.1	249.9	539.9	417.4	182.6	142.9	166.7	335.6	1483.6	2114.8
85°	103.6	118.5	185.4	264.0	193.8	148.5	117.9	130.5	270.2	983.6	1438.3
86°	77.7	93.7	135.8	215.4	148.1	114.2	92.8	102.2	217.1	605.4	776.0
87°	56.3	70.5	101.4	165.0	112.1	83.4	66.9	76.7	163.9	421.1	541.7
88°	35.0	47.3	70.1	108.1	80.2	58.2	42.7	54.2	111.2	236.8	307.5
89°	13.7	24.1	38.8	57.5	44.9	33.1	29.9	37.7	75.9	52.9	78.1



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CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

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: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

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: P1445100
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

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: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3	5291.3
1°	5220.0	5220.3	5227.2	5237.7	5253.8	5271.3	5290.0	5290.6	5309.1	5326.6	5343.3
2°	5160.1	5159.6	5168.9	5187.4	5213.2	5246.0	5281.6	5301.1	5339.0	5375.0	5407.3
3°	5109.2	5106.3	5118.6	5142.4	5177.3	5223.6	5275.8	5314.4	5372.8	5429.1	5479.9
4°	5065.2	5062.5	5075.9	5104.0	5148.0	5205.6	5273.3	5330.4	5409.5	5488.3	5561.6
5°	5027.1	5022.5	5039.1	5072.1	5122.9	5190.8	5273.2	5348.6	5448.6	5550.8	5649.3
6°	4991.0	4986.4	5004.7	5042.6	5101.0	5179.1	5277.2	5371.0	5492.1	5620.4	5744.1
7°	4960.1	4954.2	4974.1	5017.2	5080.8	5169.5	5281.8	5395.0	5539.8	5695.2	5845.9
8°	4933.9	4926.7	4948.9	4996.5	5064.7	5161.7	5288.3	5420.9	5590.7	5775.7	5955.1
9°	4913.6	4904.9	4928.9	4977.7	5053.4	5156.4	5297.8	5449.8	5646.2	5861.5	6073.0
10°	4897.2	4889.0	4912.6	4964.0	5043.9	5154.3	5312.2	5484.9	5705.9	5954.2	6201.1
11°	4887.5	4878.9	4902.4	4956.0	5037.9	5157.9	5330.3	5524.9	5773.0	6054.5	6338.1
12°	4884.6	4874.5	4897.5	4951.7	5037.4	5164.4	5352.3	5569.1	5845.6	6161.5	6484.1
13°	4885.7	4874.4	4898.5	4952.3	5040.7	5175.9	5378.1	5615.8	5923.0	6276.0	6644.8
14°	4889.1	4878.6	4902.5	4958.2	5046.6	5189.4	5406.6	5664.2	6002.8	6399.0	6811.1
15°	4897.4	4885.6	4909.1	4966.4	5057.0	5206.8	5437.6	5719.0	6088.1	6526.7	6987.6
16°	4908.4	4896.4	4919.9	4977.7	5073.0	5227.5	5472.0	5777.6	6177.3	6663.3	7170.6
17°	4921.1	4909.7	4934.5	4992.6	5091.0	5251.9	5509.2	5838.6	6272.4	6802.8	7357.0
18°	4937.4	4924.7	4951.8	5012.0	5110.6	5278.2	5550.3	5903.8	6368.9	6948.3	7550.7
19°	4955.6	4940.1	4970.9	5033.9	5133.7	5307.0	5592.8	5969.1	6469.2	7095.4	7737.9
20°	4973.6	4956.4	4991.0	5058.2	5159.1	5339.5	5639.5	6036.9	6573.6	7244.5	7928.5
21°	4990.7	4972.9	5013.1	5084.9	5187.9	5374.7	5687.5	6106.8	6682.5	7396.9	8112.9
22°	5009.4	4989.9	5035.5	5111.9	5217.8	5412.1	5737.0	6175.6	6790.1	7546.6	8293.6
23°	5030.0	5010.4	5058.8	5141.3	5249.1	5451.0	5786.7	6244.8	6901.5	7698.4	8469.9
24°	5054.0	5034.5	5084.1	5172.1	5280.0	5492.1	5837.9	6313.3	7011.6	7846.7	8639.5
25°	5079.9	5061.2	5112.8	5205.2	5311.5	5534.6	5887.4	6384.5	7123.4	7993.2	8804.2
26°	5108.6	5092.5	5144.6	5237.9	5343.8	5576.1	5938.4	6454.1	7236.4	8133.0	8965.6
27°	5141.1	5127.9	5179.0	5269.6	5377.0	5618.4	5989.2	6527.7	7349.2	8274.0	9130.3
28°	5176.3	5166.6	5217.2	5301.6	5412.7	5661.7	6041.9	6605.8	7465.2	8411.1	9298.3
29°	5214.8	5208.6	5257.0	5335.8	5448.9	5703.8	6097.1	6686.7	7585.1	8551.0	9459.6
30°	5254.5	5254.7	5296.8	5369.6	5486.8	5746.8	6154.3	6771.9	7706.4	8696.6	9619.3
31°	5293.9	5300.6	5336.4	5404.4	5525.7	5788.9	6212.0	6861.4	7833.8	8848.9	9790.6
32°	5334.3	5351.3	5377.0	5439.4	5564.5	5831.8	6267.9	6950.1	7963.3	8997.9	9939.6
33°	5375.9	5402.4	5417.9	5475.6	5603.7	5873.1	6324.4	7045.4	8098.0	9141.9	10082.8
34°	5418.2	5452.0	5458.5	5511.7	5641.8	5911.9	6382.4	7140.8	8224.4	9275.9	10198.6
35°	5460.8	5504.6	5500.7	5550.8	5680.8	5952.0	6441.6	7236.1	8343.3	9394.3	10279.7
36°	5504.3	5559.4	5543.5	5593.3	5720.4	5994.5	6499.2	7327.0	8456.6	9486.9	10314.5
37°	5549.1	5612.4	5585.0	5641.7	5764.6	6037.7	6552.6	7422.4	8553.5	9542.4	10317.8
38°	5590.5	5664.4	5624.7	5692.9	5815.6	6083.3	6606.3	7511.3	8627.1	9568.9	10297.9
39°	5630.8	5719.7	5664.2	5747.7	5870.4	6131.4	6655.3	7590.9	8680.1	9585.4	10277.2
40°	5673.5	5775.1	5705.6	5802.6	5927.8	6179.6	6708.1	7661.0	8717.3	9602.8	10272.3
41°	5717.2	5825.8	5750.6	5857.9	5988.8	6231.6	6758.8	7724.9	8752.1	9628.4	10288.0
42°	5761.8	5877.2	5798.0	5912.0	6053.6	6285.8	6814.6	7784.4	8799.2	9662.4	10320.3
43°	5807.5	5926.1	5846.6	5964.8	6119.3	6342.4	6878.0	7844.8	8863.0	9703.8	10357.5
44°	5854.0	5974.5	5897.5	6018.3	6183.0	6406.8	6945.1	7903.5	8933.3	9755.9	10392.3

REPORT NUMBER: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	5902.9	6022.3	5948.4	6071.2	6246.9	6474.0	7012.3	7960.0	9000.3	9815.5	10422.1
46°	5953.9	6068.2	6003.0	6124.8	6309.3	6545.1	7077.2	8017.0	9065.7	9880.0	10446.9
47°	6009.8	6116.6	6059.9	6177.7	6371.8	6620.2	7147.5	8075.7	9131.1	9943.7	10464.3
48°	6071.1	6158.0	6120.7	6230.7	6432.5	6698.3	7225.6	8127.3	9201.4	10001.7	10475.8
49°	6135.7	6199.9	6184.1	6287.1	6494.3	6773.8	7303.5	8174.4	9271.8	10054.6	10484.9
50°	6199.4	6241.4	6251.0	6347.2	6557.3	6847.6	7381.4	8216.6	9336.3	10101.0	10489.1
51°	6265.2	6286.3	6316.9	6410.6	6620.9	6917.4	7458.1	8256.0	9397.6	10143.2	10489.1
52°	6332.3	6328.5	6385.7	6478.6	6688.4	6987.0	7531.7	8296.9	9452.2	10181.2	10485.8
53°	6399.7	6367.9	6453.3	6550.0	6757.4	7059.2	7599.1	8333.3	9501.0	10215.2	10480.0
54°	6466.6	6405.9	6518.3	6623.3	6830.6	7132.9	7660.5	8368.1	9542.4	10243.3	10467.6
55°	6527.0	6445.2	6576.3	6700.6	6909.5	7210.1	7716.6	8396.2	9576.3	10262.3	10449.4
56°	6579.3	6483.6	6627.7	6777.6	6992.9	7289.2	7767.9	8421.9	9601.1	10278.1	10420.4
57°	6623.0	6521.4	6675.7	6856.0	7081.5	7366.5	7814.6	8445.1	9612.7	10283.9	10382.3
58°	6665.5	6558.0	6718.8	6925.9	7176.0	7443.8	7857.0	8460.0	9619.3	10275.6	10326.1
59°	6705.6	6594.1	6758.8	6990.6	7273.0	7520.8	7892.7	8464.1	9615.2	10257.4	10264.8
60°	6743.1	6625.4	6793.4	7056.9	7372.9	7595.1	7919.3	8459.1	9594.5	10231.7	10191.2
61°	6774.1	6654.3	6822.4	7129.8	7474.4	7669.0	7936.5	8453.3	9560.6	10196.1	10114.2
62°	6799.0	6684.4	6849.3	7203.2	7578.3	7746.3	7944.6	8440.9	9515.9	10142.3	10023.2
63°	6828.0	6712.4	6878.4	7267.1	7678.7	7822.1	7947.6	8411.1	9456.3	10072.0	9912.3
64°	6854.4	6741.2	6909.4	7326.1	7783.4	7893.4	7940.1	8365.6	9380.2	9983.5	9773.3
65°	6878.6	6746.5	6930.6	7386.5	7885.2	7961.4	7919.7	8287.8	9275.1	9873.4	9606.9
66°	6892.1	6711.3	6929.2	7449.5	7979.2	8022.0	7873.5	8165.0	9133.6	9736.9	9413.3
67°	6885.2	6671.5	6912.0	7501.7	8069.4	8059.1	7789.6	7999.8	8945.7	9579.6	9202.3
68°	6865.2	6601.5	6886.6	7544.1	8146.3	8063.8	7658.2	7731.0	8704.9	9383.5	8971.4
69°	6804.4	6419.4	6814.4	7566.3	8210.3	8038.2	7452.1	7309.1	8397.9	9145.2	8724.8
70°	6669.9	6111.1	6656.7	7568.0	8256.8	7976.7	7118.8	6714.0	7976.8	8861.3	8452.5
71°	6430.4	5642.8	6388.0	7540.0	8279.6	7858.5	6649.0	6024.6	7421.5	8516.2	8165.7
72°	6042.1	5067.9	5968.8	7471.7	8259.0	7686.5	6133.3	5409.3	6796.9	8133.7	7876.6
73°	5504.0	4477.7	5451.9	7362.5	8155.0	7427.2	5652.9	4855.4	6127.4	7664.3	7574.7
74°	4917.7	3886.7	4863.5	7153.7	7955.4	7118.8	5193.2	4224.2	5470.1	7119.8	7248.9
75°	4308.5	3147.0	4232.1	6820.8	7669.7	6795.9	4559.3	3249.5	4729.8	6511.9	6858.9
76°	3656.6	2369.2	3572.6	6425.5	7235.2	6448.0	3618.3	2026.9	3794.3	5872.1	6397.1
77°	2921.1	1854.8	2882.4	5964.5	6575.6	5981.2	2560.7	947.8	2619.7	5137.1	5754.3
78°	2438.5	1945.1	2473.8	5371.2	5677.3	5242.1	1503.2	692.3	1423.4	4249.5	4857.5
79°	2522.1	2453.1	2660.2	4600.2	4684.2	4116.9	448.2	462.7	632.8	3223.7	3802.6
80°	3031.0	2799.9	3152.7	3804.3	3709.3	2908.5	292.2	233.1	449.7	2032.1	2633.2
81°	3207.4	2171.5	3144.3	3103.7	2881.6	1700.1	240.4	200.2	268.1	968.2	1457.0
82°	2425.7	1543.0	2359.8	2815.0	2293.4	515.3	206.2	174.4	221.9	706.9	1051.1
83°	1644.1	916.9	1575.2	2218.6	1705.2	346.0	172.1	149.3	187.9	458.6	666.6
84°	865.9	489.3	794.7	1622.3	1119.6	283.7	138.1	124.0	155.9	210.2	282.1
85°	457.6	295.0	442.7	1026.1	651.8	231.0	110.1	97.5	121.5	157.2	237.5
86°	366.6	103.3	354.6	570.8	459.0	178.2	84.8	73.2	91.1	120.1	191.3
87°	275.5	69.7	266.6	457.0	266.1	125.5	61.3	49.0	65.4	87.9	135.8
88°	184.4	36.0	178.5	343.1	74.9	95.3	42.3	24.8	39.7	56.0	74.2
89°	93.3	3.2	90.5	229.3	39.6	65.0	23.3	8.3	14.1	42.6	55.9

REPORT NUMBER: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

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: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

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: P1445100
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

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: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	5291.3	5291.3	5291.3
1°	5354.4	5364.3	5368.1
2°	5433.9	5451.8	5457.1
3°	5522.8	5549.6	5557.9
4°	5620.9	5658.6	5670.7
5°	5727.4	5778.8	5795.2
6°	5844.9	5911.2	5933.1
7°	5971.9	6054.8	6082.1
8°	6107.3	6207.9	6240.7
9°	6254.6	6375.7	6416.3
10°	6413.8	6559.8	6606.1
11°	6585.2	6756.2	6811.6
12°	6767.9	6965.0	7032.4
13°	6966.7	7191.6	7270.8
14°	7170.6	7429.2	7522.2
15°	7384.6	7676.8	7783.8
16°	7610.9	7934.9	8053.0
17°	7844.9	8191.8	8318.4
18°	8076.6	8452.5	8580.8
19°	8301.1	8699.1	8836.5
20°	8520.4	8936.6	9085.6
21°	8733.0	9160.9	9318.9
22°	8935.8	9376.0	9539.9
23°	9129.4	9588.7	9744.3
24°	9318.9	9793.1	9942.1
25°	9507.6	9990.1	10130.8
26°	9694.6	10169.7	10290.5
27°	9875.9	10327.7	10437.0
28°	10038.1	10465.1	10568.5
29°	10192.0	10607.4	10709.2
30°	10347.6	10763.8	10876.4
31°	10502.3	10908.7	11016.2
32°	10648.0	11014.6	11120.5
33°	10753.1	11066.7	11161.1
34°	10808.5	11056.8	11137.9
35°	10809.3	10991.4	11058.4
36°	10772.9	10891.3	10953.3
37°	10705.1	10793.6	10864.8
38°	10643.8	10729.1	10823.4
39°	10613.2	10700.9	10808.5
40°	10602.5	10686.9	10803.6
41°	10600.0	10680.2	10799.4
42°	10600.0	10672.8	10787.0
43°	10600.8	10663.7	10763.0
44°	10600.8	10648.0	10724.9

REPORT NUMBER: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	10598.3	10620.7	10674.5
46°	10593.4	10584.3	10612.4
47°	10582.6	10543.7	10545.4
48°	10566.9	10499.8	10474.2
49°	10539.6	10454.3	10400.5
50°	10506.5	10410.5	10321.1
51°	10464.3	10359.2	10230.9
52°	10415.4	10295.4	10129.9
53°	10364.1	10219.3	10018.2
54°	10311.2	10121.7	9892.4
55°	10250.8	10007.5	9752.6
56°	10177.9	9875.9	9593.7
57°	10087.7	9722.8	9414.1
58°	9976.8	9546.5	9214.7
59°	9854.4	9346.3	9002.0
60°	9713.7	9127.8	8747.1
61°	9549.8	8878.7	8431.0
62°	9371.1	8579.9	8054.8
63°	9182.4	8231.3	7632.6
64°	8973.0	7850.9	7214.7
65°	8738.8	7496.2	6851.9
66°	8486.4	7190.8	6563.9
67°	8236.5	6931.1	6379.6
68°	7988.3	6734.7	6285.2
69°	7772.6	6581.7	6203.2
70°	7583.6	6446.7	5971.2
71°	7387.9	6229.7	5510.5
72°	7164.6	5846.0	4896.2
73°	6952.8	5314.5	4281.2
74°	6683.2	4703.9	3712.0
75°	6282.5	4041.5	2884.6
76°	5752.4	3234.8	1764.2
77°	5139.6	2165.1	780.8
78°	4356.5	1087.8	586.8
79°	3272.2	785.7	406.4
80°	1900.4	512.5	225.9
81°	908.8	239.2	197.0
82°	677.9	198.6	173.4
83°	452.7	173.2	150.4
84°	227.6	145.2	127.3
85°	166.1	116.5	103.6
86°	124.9	90.6	77.7
87°	91.6	67.0	56.3
88°	73.4	43.5	35.0
89°	55.9	19.9	13.7

REPORT NUMBER: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

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: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

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: P1445100

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)