

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: P1436837

Luminaire Tested: XAS300-SFPM (5000K-300W-T3)

Issue Date: 3/25/2026

Test Information

Test Method: LM-79-2024
Report Number: P1436837
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA ()
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 3/25/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XAS300-SFPM (5000K-300W-T3)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 100% (300W)
OPTICS - TYPE 3
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

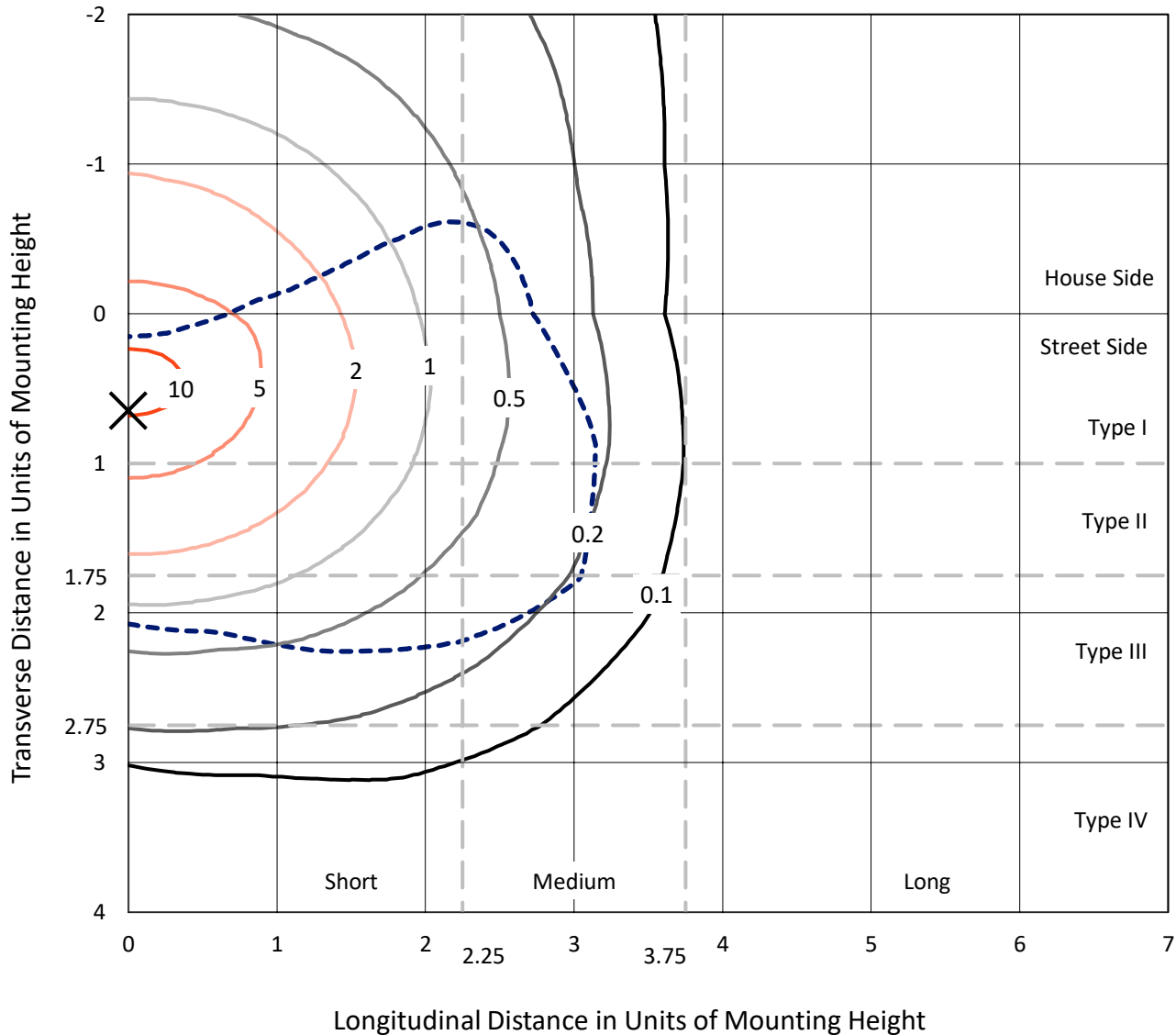
Lumens per Lamp: 45292 (1 lamp)
Luminaire Lumens: 43470.1 lumens
Efficiency: 96.0%
Efficacy: 145.0 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B5 - U0 - G5

Input Watts (W): 299.8
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

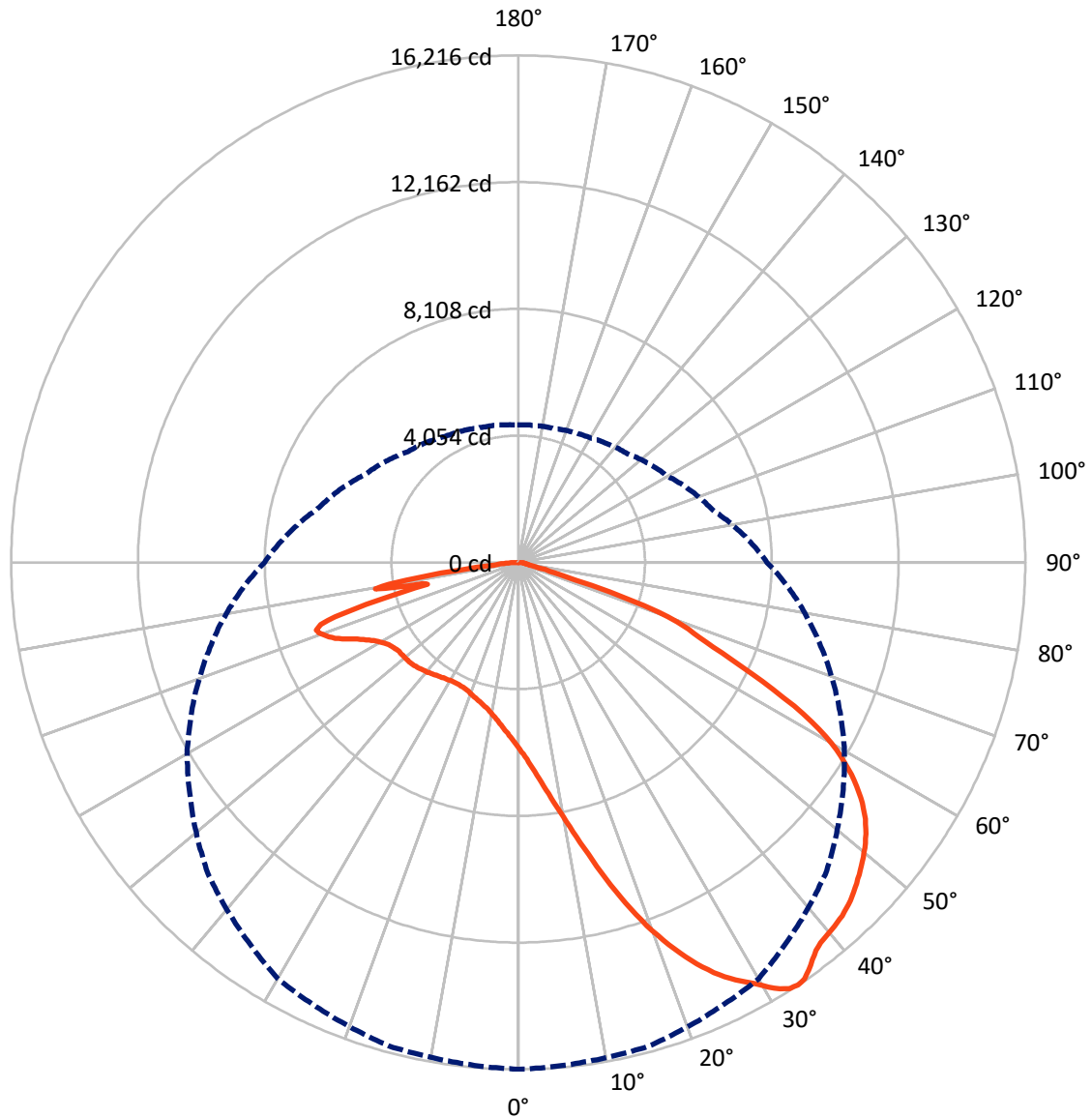
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 11.9 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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

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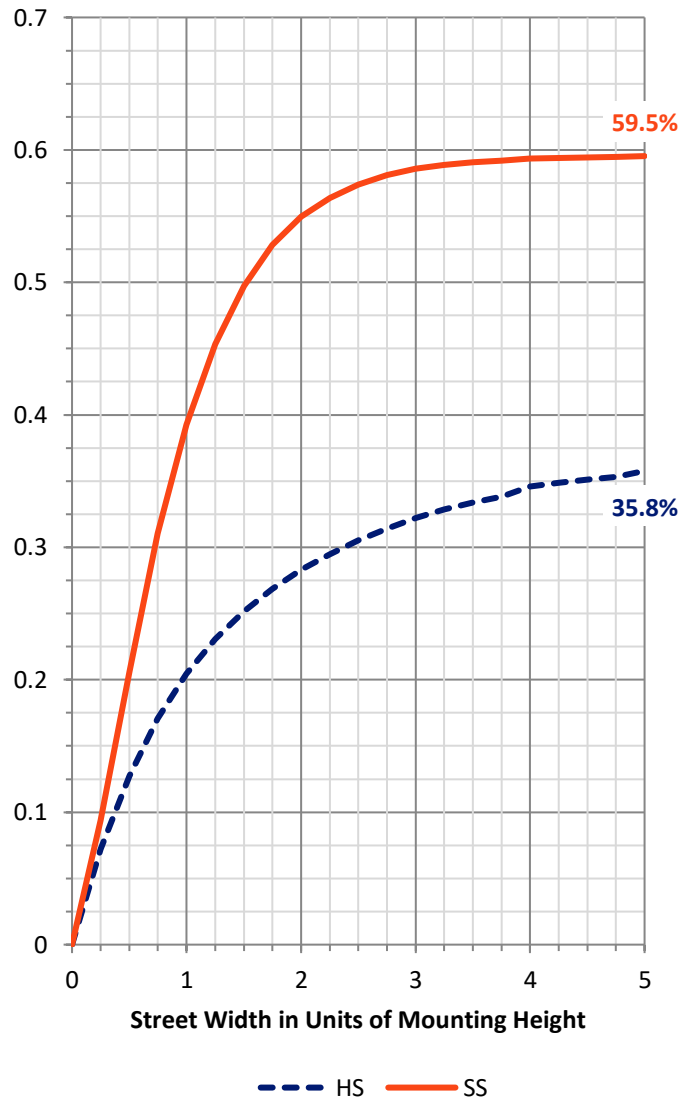
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16483.9	0.0	16483.9
	% Lamp	36.4	0.0	36.4
Street Side	Lumens	26986.2	0.0	26986.2
	% Lamp	59.6	0.0	59.6
Total	Lumens	43470.1	0.0	43470.1
	% Lamp	96.0	0.0	96.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	593.2	1.4	1.3
10°-20°	2016.1	4.6	4.5
20°-30°	3904.5	9.0	8.6
30°-40°	5903.3	13.6	13.0
40°-50°	7450.8	17.1	16.5
50°-60°	8594.5	19.8	19.0
60°-70°	8567.5	19.7	18.9
70°-80°	5587.1	12.9	12.3
80°-90°	853.1	2.0	1.9
90°-100°	0.0	0.0	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	43470.1	100.0	96.0
0°-180°	43470.1	100.0	96.0

Coefficient of Utilization



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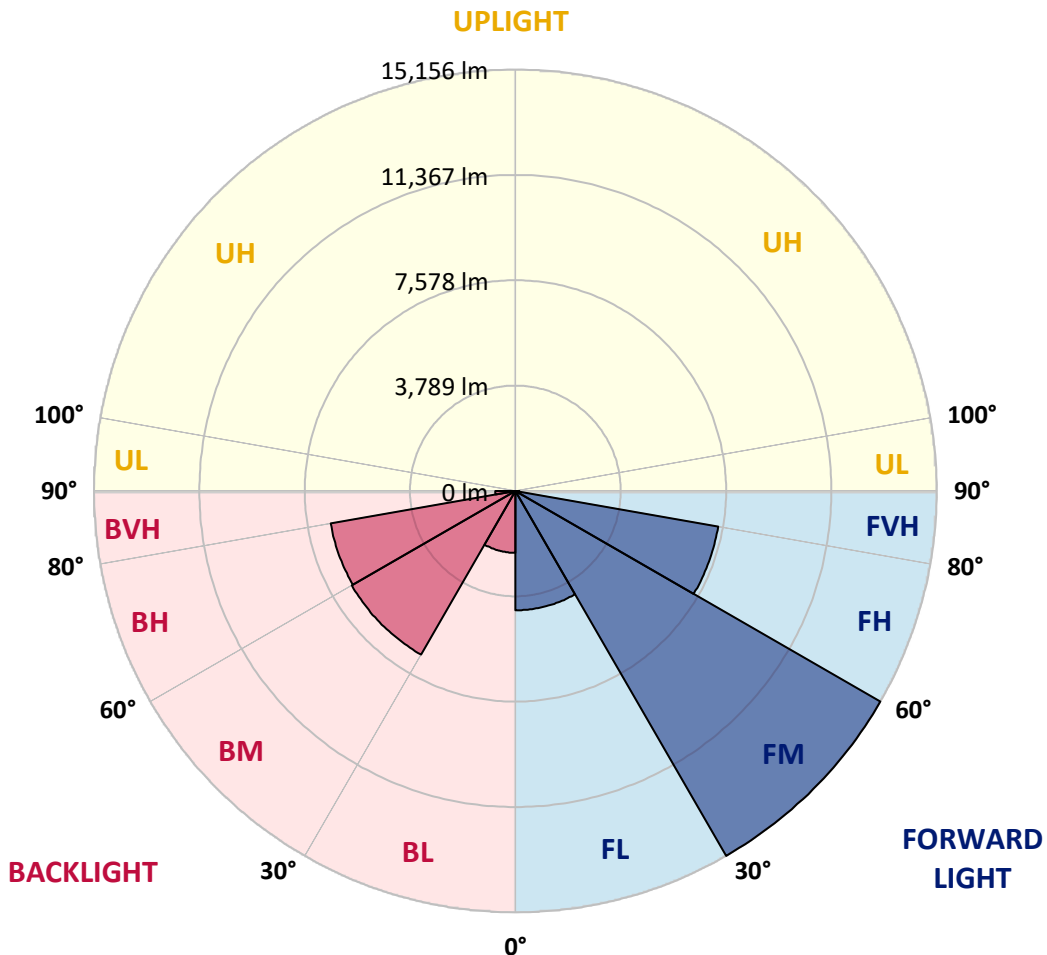
CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4289.8	9.5			
FM (30°-60°)	15156.3	33.5			
FH (60°-80°)	7408.9	16.4			G3/7500
FVH (80°-90°)	131.3	0.3			G2/225
BL (0°-30°)	2224.0	4.9	B3/2500		
BM (30°-60°)	6792.2	15.0	B4/8500		
BH (60°-80°)	6745.8	14.9	B5		G5
BVH (80°-90°)	721.8	1.6			G4/750
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	1821.9	4.0			

BUG Rating: B5-U0-G5

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7
1°	6135.1	6133.2	6119.0	6098.6	6069.6	6035.3	5967.6	5929.5	5897.3	5869.9	5850.6
2°	6306.4	6298.0	6265.7	6213.3	6148.5	6075.7	5968.8	5893.4	5827.9	5773.4	5735.1
3°	6496.9	6478.0	6423.0	6339.3	6235.7	6121.9	5974.4	5863.2	5765.5	5686.2	5629.1
4°	6709.8	6678.8	6600.4	6482.3	6334.0	6176.2	5986.7	5838.5	5711.6	5607.6	5535.6
5°	6940.0	6901.5	6793.7	6632.9	6444.0	6239.0	6006.3	5821.3	5662.0	5537.8	5449.4
6°	7196.1	7146.3	7008.7	6803.9	6561.8	6305.0	6027.7	5806.6	5619.4	5473.7	5364.2
7°	7469.8	7413.5	7242.9	6987.9	6687.7	6376.6	6052.1	5795.2	5580.2	5409.2	5282.3
8°	7765.5	7691.1	7491.0	7186.8	6823.9	6454.2	6082.3	5787.8	5544.3	5348.3	5208.3
9°	8084.2	7997.7	7761.8	7398.4	6969.1	6539.2	6117.5	5782.7	5507.9	5292.3	5138.4
10°	8426.0	8323.7	8043.6	7627.3	7126.2	6630.3	6156.5	5781.2	5475.3	5242.5	5074.5
11°	8796.7	8676.4	8352.1	7869.8	7291.2	6727.8	6197.8	5782.1	5443.5	5194.8	5015.7
12°	9181.9	9045.3	8677.0	8123.0	7468.5	6831.9	6244.6	5787.6	5417.1	5150.9	4964.0
13°	9602.6	9448.9	9017.7	8391.2	7656.5	6941.7	6297.6	5795.6	5394.1	5109.9	4916.2
14°	10046.0	9869.4	9381.0	8674.9	7855.1	7059.3	6358.1	5807.5	5372.7	5073.2	4873.8
15°	10500.0	10301.3	9753.3	8967.4	8058.0	7180.1	6420.8	5824.2	5356.7	5040.1	4837.3
16°	10962.6	10739.0	10135.3	9272.2	8272.8	7308.5	6487.9	5844.4	5344.4	5010.4	4801.7
17°	11426.2	11178.6	10520.2	9577.6	8495.3	7447.1	6558.5	5866.7	5333.7	4985.0	4771.8
18°	11881.1	11617.2	10907.9	9888.6	8723.8	7589.2	6633.6	5893.8	5326.5	4964.0	4744.9
19°	12325.5	12042.4	11286.1	10198.7	8948.9	7734.1	6711.6	5924.8	5325.9	4945.3	4722.2
20°	12749.8	12457.0	11654.6	10501.9	9178.7	7881.8	6792.5	5958.4	5327.8	4932.0	4703.3
21°	13154.8	12855.3	12012.6	10804.3	9409.2	8034.4	6874.1	5993.7	5332.1	4921.5	4684.9
22°	13523.3	13223.9	12348.6	11097.0	9637.2	8186.5	6957.2	6031.2	5341.2	4913.1	4668.9
23°	13883.3	13584.8	12676.8	11383.0	9871.4	8344.4	7039.1	6067.8	5351.0	4908.1	4657.5
24°	14216.3	13920.7	12996.4	11657.5	10093.1	8496.6	7121.2	6104.1	5362.6	4904.7	4646.2
25°	14534.9	14248.0	13305.5	11928.2	10310.9	8650.6	7203.6	6137.8	5376.4	4904.0	4636.4
26°	14809.4	14536.9	13605.9	12191.2	10527.9	8811.1	7286.6	6173.6	5392.3	4903.0	4626.6
27°	15050.4	14794.1	13892.9	12443.6	10747.6	8972.4	7370.7	6209.3	5407.5	4903.0	4617.9
28°	15267.3	15021.6	14154.9	12698.9	10956.9	9130.9	7458.6	6243.6	5422.2	4904.4	4610.3
29°	15495.7	15240.4	14400.6	12946.5	11162.3	9298.6	7550.1	6280.2	5437.1	4904.7	4605.9
30°	15771.1	15501.4	14652.0	13197.0	11366.7	9470.7	7646.0	6319.2	5454.2	4905.6	4604.0
31°	15996.7	15743.3	14917.9	13453.3	11579.8	9639.1	7745.4	6359.4	5473.0	4909.3	4602.6
32°	16160.8	15929.5	15167.4	13705.7	11805.3	9806.1	7848.6	6403.4	5493.3	4915.7	4602.1
33°	16215.5	16031.2	15375.7	13948.5	12046.2	9973.1	7954.7	6445.2	5512.9	4921.9	4600.8
34°	16161.8	16012.1	15504.3	14174.1	12281.4	10163.1	8064.1	6495.9	5531.9	4930.2	4600.8
35°	16010.1	15886.3	15518.7	14344.0	12477.2	10362.8	8177.1	6549.7	5554.2	4941.2	4604.9
36°	15813.4	15721.2	15438.1	14441.8	12650.9	10560.5	8292.5	6606.5	5581.2	4955.4	4616.6
37°	15640.6	15529.3	15309.5	14455.3	12777.6	10722.7	8410.9	6657.7	5610.2	4975.2	4636.2
38°	15543.7	15399.7	15176.1	14404.4	12863.0	10862.8	8531.8	6709.0	5640.8	5002.4	4664.7
39°	15487.1	15330.6	15073.4	14341.1	12894.7	10973.2	8654.2	6763.9	5673.9	5036.6	4696.4
40°	15442.9	15284.5	15017.7	14297.9	12884.1	11046.1	8758.7	6822.3	5710.6	5076.3	4732.1
41°	15393.0	15247.1	14986.0	14272.9	12881.2	11084.5	8841.0	6889.7	5752.5	5120.4	4767.6
42°	15330.6	15205.8	14963.0	14272.0	12898.5	11118.1	8901.4	6947.5	5796.9	5166.4	4800.5
43°	15252.9	15158.8	14936.1	14290.2	12926.4	11161.3	8944.5	6993.4	5848.4	5216.6	4829.7
44°	15158.8	15101.2	14903.5	14311.3	12961.9	11226.6	8985.7	7035.1	5901.1	5266.0	4856.6



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CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	15043.6	15027.3	14862.2	14325.7	13010.8	11297.6	9034.7	7082.0	5954.0	5316.4	4880.0
46°	14916.0	14939.0	14810.4	14331.5	13064.6	11368.6	9091.9	7132.0	6006.8	5365.5	4900.2
47°	14782.6	14841.1	14746.1	14327.6	13124.1	11441.6	9150.7	7189.3	6058.1	5411.2	4919.5
48°	14646.3	14739.4	14674.1	14311.3	13176.9	11511.6	9209.4	7251.3	6112.6	5455.5	4938.8
49°	14508.1	14627.1	14583.9	14285.4	13223.9	11580.7	9265.6	7318.2	6169.3	5497.5	4963.3
50°	14360.3	14510.0	14486.0	14248.0	13260.4	11645.0	9319.9	7392.4	6225.4	5535.5	4990.2
51°	14197.1	14377.5	14375.6	14201.9	13293.0	11702.6	9367.7	7467.1	6281.2	5575.7	5022.5
52°	14011.9	14223.0	14251.8	14144.3	13319.9	11754.5	9410.1	7538.7	6335.8	5616.9	5059.3
53°	13805.5	14048.3	14123.2	14081.0	13333.3	11796.7	9447.8	7610.8	6398.9	5662.6	5104.8
54°	13562.7	13838.1	13983.1	14002.3	13336.2	11831.2	9480.7	7679.1	6468.5	5712.9	5154.7
55°	13296.8	13589.6	13826.6	13907.3	13330.4	11857.2	9510.1	7745.1	6538.3	5770.9	5210.3
56°	12985.9	13305.5	13645.2	13796.9	13310.3	11873.5	9537.2	7812.0	6611.3	5835.2	5267.3
57°	12635.5	12983.9	13435.0	13670.2	13275.7	11880.2	9556.6	7876.0	6692.1	5907.7	5328.9
58°	12237.2	12617.3	13192.2	13524.3	13220.0	11875.4	9566.7	7934.7	6776.9	5986.7	5399.9
59°	11814.0	12213.2	12922.5	13364.0	13147.1	11857.2	9568.8	7984.0	6865.1	6071.5	5475.2
60°	11306.2	11766.0	12620.2	13181.7	13053.0	11821.6	9561.1	8032.4	6953.2	6162.3	5557.5
61°	10683.3	11253.5	12280.4	12970.5	12934.0	11762.1	9538.3	8074.2	7049.5	6262.2	5647.6
62°	9945.3	10636.3	11900.3	12725.8	12798.7	11677.7	9499.0	8105.7	7148.7	6371.1	5745.9
63°	9109.8	9946.2	11460.8	12450.3	12640.3	11581.7	9457.8	8127.2	7247.5	6488.5	5847.5
64°	8263.2	9199.3	10977.0	12141.3	12455.1	11462.7	9400.6	8136.0	7339.1	6617.7	5958.6
65°	7471.0	8452.5	10428.0	11792.8	12249.7	11318.7	9321.2	8132.0	7427.8	6757.4	6089.7
66°	6797.2	7739.5	9850.2	11397.4	12012.6	11156.5	9209.5	8116.4	7501.8	6903.4	6249.2
67°	6270.3	7083.3	9266.4	10952.1	11728.5	10946.3	9054.0	8065.8	7576.1	7059.3	6431.3
68°	5849.9	6512.2	8669.2	10457.8	11408.0	10674.7	8828.3	7974.8	7640.2	7226.5	6637.4
69°	5423.3	6024.9	8075.2	9917.4	11026.0	10343.6	8494.6	7805.2	7694.6	7403.4	6871.2
70°	4755.0	5532.4	7484.2	9346.4	10577.8	9932.8	7996.8	7509.4	7726.4	7590.0	7127.7
71°	3710.7	4888.1	6914.1	8767.8	10074.8	9403.1	7319.7	7075.7	7708.2	7788.4	7402.9
72°	2464.5	3990.0	6333.1	8192.9	9509.0	8781.1	6575.5	6549.3	7622.5	7987.0	7660.0
73°	1382.4	2892.8	5706.6	7617.7	8897.6	8033.6	5837.9	6027.7	7451.6	8193.1	7934.5
74°	1048.9	1809.9	5001.0	7023.0	8202.7	7189.3	5138.8	5604.6	7217.5	8373.7	8215.4
75°	722.8	1016.1	4217.2	6360.9	7455.4	6239.0	4339.5	5221.0	6950.4	8484.5	8436.2
76°	396.6	792.8	3335.1	5623.8	6613.3	5243.0	3209.9	4629.1	6741.9	8481.3	8568.9
77°	334.2	582.9	2490.4	4681.9	5660.9	4084.1	2080.4	3654.6	6573.3	8337.4	8525.7
78°	291.3	373.0	1830.6	3539.3	4594.9	2797.6	962.1	2606.1	6360.1	8004.8	8159.0
79°	260.9	315.0	1320.0	2271.5	3465.8	1600.1	423.3	1557.5	5810.6	7406.7	7280.9
80°	234.4	273.6	929.6	1217.8	2399.3	814.6	297.2	525.9	4676.1	6427.7	6291.0
81°	209.3	237.9	658.2	928.9	1379.7	561.1	257.0	341.9	3321.3	5212.9	5462.4
82°	185.4	207.5	390.1	656.8	998.7	319.0	226.0	277.7	1966.6	3976.5	4892.6
83°	160.7	182.0	314.8	384.7	631.6	259.7	195.0	229.3	641.2	3009.4	4579.7
84°	136.4	154.2	259.0	329.4	264.5	217.5	164.0	181.2	426.0	2310.0	3469.4
85°	111.3	127.6	194.1	282.4	204.6	177.1	135.0	143.7	348.1	1610.5	2359.0
86°	85.8	101.5	136.4	235.4	158.5	134.7	105.9	110.9	280.9	911.9	1249.7
87°	60.2	76.5	101.6	181.2	117.7	97.0	76.3	82.3	213.6	629.6	675.2
88°	34.6	51.5	70.7	119.7	81.8	67.5	48.6	57.0	146.9	347.4	506.4
89°	16.2	26.6	39.8	63.6	45.8	38.3	34.0	39.7	99.4	69.2	337.6



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CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

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: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

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: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

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: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7	5981.7
1°	5841.3	5841.4	5851.5	5871.2	5898.9	5933.7	5970.1	5980.0	6016.7	6053.5	6084.8
2°	5713.4	5710.1	5726.0	5760.7	5811.8	5875.1	5947.0	5992.9	6068.6	6143.7	6207.7
3°	5598.1	5591.9	5611.8	5657.3	5729.0	5820.0	5926.7	6010.5	6126.6	6241.9	6342.2
4°	5494.8	5485.1	5509.2	5565.4	5654.1	5770.4	5907.9	6030.1	6187.5	6347.8	6492.1
5°	5394.8	5383.3	5412.2	5478.2	5584.0	5721.2	5892.4	6053.1	6252.5	6461.3	6649.9
6°	5299.5	5282.8	5315.2	5393.6	5516.7	5678.3	5881.0	6081.7	6322.9	6579.8	6820.6
7°	5207.3	5188.2	5224.4	5311.5	5450.3	5638.4	5870.3	6111.1	6400.0	6708.7	7004.3
8°	5123.7	5100.7	5139.7	5238.4	5387.5	5597.9	5862.2	6142.9	6479.8	6847.0	7198.2
9°	5043.5	5017.1	5059.7	5165.5	5330.4	5558.4	5856.7	6178.1	6564.7	6992.7	7409.3
10°	4970.3	4942.0	4985.6	5097.5	5276.8	5523.1	5855.8	6218.4	6658.1	7147.0	7633.5
11°	4904.4	4872.9	4918.9	5036.5	5227.3	5493.7	5859.1	6266.0	6760.8	7314.1	7872.3
12°	4848.2	4810.9	4856.6	4980.5	5181.3	5469.2	5867.4	6318.4	6869.5	7490.7	8126.0
13°	4796.7	4754.5	4803.7	4928.8	5138.9	5448.6	5879.4	6373.1	6982.7	7681.9	8396.2
14°	4747.9	4703.7	4753.9	4885.6	5100.8	5431.0	5893.5	6430.7	7101.0	7880.1	8682.5
15°	4706.4	4658.8	4708.4	4845.4	5069.0	5417.1	5910.3	6494.5	7223.4	8087.2	8976.0
16°	4667.5	4617.7	4668.9	4808.5	5042.8	5405.7	5931.7	6564.1	7353.5	8303.0	9284.9
17°	4632.1	4581.4	4634.1	4778.9	5022.0	5400.5	5959.2	6635.6	7491.8	8529.9	9598.8
18°	4601.1	4547.3	4603.6	4751.7	5003.1	5399.4	5989.5	6712.2	7632.7	8757.7	9921.3
19°	4571.8	4512.1	4575.2	4731.6	4987.9	5403.1	6024.5	6793.1	7778.7	8990.8	10238.0
20°	4541.5	4476.4	4548.8	4715.1	4977.0	5411.6	6062.0	6875.2	7926.7	9229.2	10549.9
21°	4510.6	4444.8	4523.1	4703.1	4970.7	5425.3	6104.0	6959.9	8081.7	9469.4	10857.1
22°	4482.6	4414.5	4501.1	4693.1	4966.9	5440.0	6146.9	7043.5	8237.0	9709.2	11147.9
23°	4458.8	4389.6	4481.0	4685.3	4966.6	5456.7	6188.8	7128.7	8400.3	9947.2	11439.6
24°	4437.8	4370.2	4463.9	4678.3	4967.2	5476.3	6229.6	7212.5	8560.8	10182.3	11714.1
25°	4422.4	4355.8	4450.7	4675.1	4967.5	5495.6	6271.3	7299.7	8721.2	10410.8	11982.9
26°	4412.3	4346.4	4444.0	4671.8	4969.1	5515.3	6313.8	7385.5	8883.4	10630.6	12247.8
27°	4406.5	4341.8	4441.8	4668.1	4970.1	5534.1	6354.0	7475.8	9048.9	10856.1	12517.5
28°	4405.3	4342.7	4443.4	4663.9	4972.3	5553.3	6395.9	7569.5	9219.5	11074.9	12792.0
29°	4406.6	4347.4	4447.2	4661.7	4976.2	5570.0	6439.1	7668.8	9399.7	11294.7	13055.0
30°	4409.8	4354.7	4452.1	4659.4	4980.5	5587.3	6485.5	7772.3	9577.5	11525.1	13315.1
31°	4415.4	4365.7	4456.6	4657.5	4987.2	5604.3	6535.0	7882.2	9770.6	11766.9	13587.6
32°	4422.6	4380.0	4462.5	4655.2	4993.7	5620.7	6585.2	7996.8	9964.5	12004.0	13827.6
33°	4430.1	4396.5	4470.0	4655.0	5002.1	5639.2	6636.5	8118.2	10167.0	12228.6	14051.2
34°	4439.2	4412.3	4478.1	4657.0	5011.7	5657.3	6691.7	8243.3	10361.8	12432.1	14234.5
35°	4448.8	4432.0	4487.5	4662.8	5024.6	5681.0	6752.9	8367.5	10538.4	12614.4	14354.5
36°	4461.2	4454.3	4498.6	4675.9	5040.7	5705.8	6812.2	8480.7	10707.3	12749.8	14391.9
37°	4475.1	4476.1	4511.2	4700.0	5063.3	5733.5	6864.1	8593.6	10849.4	12821.7	14376.6
38°	4487.7	4500.4	4522.8	4730.3	5096.0	5763.3	6914.0	8704.2	10947.3	12842.9	14320.0
39°	4499.2	4526.7	4532.0	4766.7	5135.0	5794.9	6955.2	8791.7	11011.6	12842.9	14257.6
40°	4512.5	4555.0	4541.9	4804.1	5178.1	5827.7	7000.8	8859.7	11045.2	12840.9	14224.9
41°	4525.1	4575.7	4553.2	4836.7	5224.6	5864.9	7040.7	8917.8	11071.1	12855.3	14226.9
42°	4536.5	4599.2	4566.2	4869.3	5273.6	5905.3	7084.4	8970.1	11113.3	12882.2	14249.9
43°	4547.6	4623.0	4581.9	4897.5	5322.0	5949.5	7134.4	9024.7	11181.5	12920.6	14280.6
44°	4558.0	4646.8	4597.1	4926.2	5369.2	5999.4	7187.9	9081.9	11255.4	12973.4	14306.5



REPORT NUMBER: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4569.6	4668.3	4612.2	4951.8	5416.7	6055.7	7240.4	9138.8	11327.4	13037.7	14323.8
46°	4581.2	4687.1	4627.4	4973.9	5459.9	6115.4	7293.6	9195.2	11393.6	13104.9	14326.7
47°	4597.7	4704.7	4645.8	4994.6	5502.0	6179.9	7354.1	9254.6	11457.9	13169.2	14318.0
48°	4620.6	4714.5	4669.7	5016.2	5539.9	6245.4	7424.9	9306.8	11525.1	13223.9	14297.9
49°	4646.5	4722.6	4698.1	5039.8	5577.6	6307.9	7496.7	9353.9	11591.3	13270.0	14269.1
50°	4673.6	4731.3	4730.3	5068.9	5614.7	6367.5	7569.8	9395.5	11652.7	13301.6	14229.7
51°	4704.1	4739.6	4765.5	5102.5	5653.6	6424.8	7643.5	9431.2	11704.5	13320.8	14183.7
52°	4739.8	4745.7	4803.1	5141.7	5697.1	6484.1	7716.9	9465.3	11745.8	13332.3	14127.0
53°	4780.8	4752.6	4844.1	5186.7	5745.1	6546.1	7788.6	9496.3	11776.5	13336.2	14058.9
54°	4826.4	4766.6	4888.3	5239.0	5800.1	6614.0	7855.1	9521.3	11794.8	13328.5	13979.2
55°	4877.5	4788.0	4937.6	5295.4	5861.9	6686.8	7914.2	9540.0	11802.4	13306.4	13888.1
56°	4934.3	4819.3	4994.0	5356.1	5931.4	6767.7	7972.6	9556.3	11796.7	13268.0	13774.8
57°	4997.1	4858.5	5055.0	5423.1	6010.2	6853.8	8023.5	9565.7	11779.4	13217.2	13635.6
58°	5064.0	4910.5	5123.6	5496.8	6098.4	6942.7	8069.3	9569.8	11751.6	13141.3	13469.6
59°	5141.8	4973.9	5196.3	5578.4	6193.7	7030.7	8111.7	9556.6	11708.4	13049.2	13287.2
60°	5220.2	5050.4	5273.3	5665.3	6295.9	7120.6	8145.8	9531.5	11643.1	12942.7	13088.6
61°	5301.3	5143.4	5358.8	5764.6	6408.1	7207.3	8168.8	9506.2	11565.4	12817.9	12871.6
62°	5389.8	5253.1	5457.9	5868.0	6528.2	7294.9	8180.0	9473.7	11473.2	12667.2	12629.8
63°	5502.7	5380.0	5579.6	5967.8	6654.8	7380.4	8186.3	9424.5	11356.1	12488.7	12350.5
64°	5635.4	5530.7	5717.8	6082.5	6795.1	7461.2	8176.4	9355.0	11217.0	12288.1	12016.5
65°	5786.2	5708.4	5872.8	6223.5	6941.0	7539.5	8148.5	9241.9	11045.2	12050.1	11635.4
66°	5960.0	5909.5	6048.5	6392.6	7093.2	7616.6	8099.4	9078.2	10818.7	11775.6	11211.2
67°	6162.9	6126.6	6250.6	6578.0	7250.3	7674.4	8005.7	8854.3	10532.7	11472.3	10757.2
68°	6379.4	6342.2	6470.1	6787.1	7417.6	7705.5	7854.5	8515.8	10190.0	11110.4	10263.9
69°	6592.4	6497.5	6671.7	7022.2	7591.7	7712.7	7596.9	8017.3	9790.7	10686.2	9733.2
70°	6784.2	6636.8	6851.8	7280.6	7774.6	7677.2	7168.5	7346.4	9281.7	10202.5	9156.3
71°	6962.5	6764.3	7022.4	7545.7	7962.0	7588.3	6611.6	6582.5	8640.0	9652.5	8555.9
72°	7122.5	6811.2	7168.1	7806.6	8150.3	7441.0	6079.1	5848.6	7910.3	9055.2	7952.2
73°	7188.7	6623.7	7221.5	8075.7	8311.2	7216.6	5671.5	5153.4	7053.0	8362.9	7329.5
74°	7042.9	6109.6	7024.2	8322.9	8386.8	6962.0	5314.8	4396.8	6139.7	7580.8	6683.3
75°	6599.4	5053.5	6497.8	8511.6	8373.7	6757.4	4733.9	3302.5	5132.1	6724.2	5973.1
76°	5800.4	3814.9	5672.1	8588.2	8230.3	6642.7	3716.7	2023.3	4022.1	5805.1	5163.7
77°	4697.6	2982.0	4621.4	8487.0	7945.0	6471.7	2637.0	939.7	2784.0	4775.9	4138.0
78°	3930.3	3152.6	4012.2	7986.4	7483.3	5923.9	1557.2	704.5	1586.3	3675.5	2824.3
79°	4106.0	4032.2	4353.5	7029.4	6760.4	4841.7	480.2	486.3	794.1	2624.4	1618.3
80°	5013.6	4647.5	5194.9	5957.9	5774.6	3419.2	340.7	268.1	550.7	1604.9	796.0
81°	5339.7	4196.3	5213.4	5001.6	4575.3	1996.7	276.7	230.2	320.8	815.1	603.2
82°	4215.5	3052.7	3849.6	4601.7	3434.8	595.7	234.9	199.9	262.4	538.9	415.4
83°	3048.9	1909.1	2560.5	4121.9	2614.6	424.3	193.2	170.5	222.7	278.2	357.4
84°	1882.4	777.7	1289.6	3047.5	1794.5	354.8	151.7	141.0	184.7	218.6	309.4
85°	735.6	622.6	701.2	1973.2	983.8	290.2	119.4	110.7	144.6	168.1	263.1
86°	517.5	467.5	486.5	915.2	684.9	225.2	90.4	83.2	106.3	126.8	213.5
87°	299.3	312.4	271.8	733.0	386.1	160.4	64.8	55.7	76.0	90.6	155.1
88°	86.9	157.3	59.0	550.8	92.1	121.6	45.0	28.3	45.8	73.2	85.3
89°	45.3	2.6	31.3	368.6	48.5	82.8	25.1	9.1	15.7	55.8	64.8



REPORT NUMBER: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

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: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

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: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

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: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	5981.7	5981.7	5981.7
1°	6109.9	6128.5	6135.1
2°	6259.9	6294.2	6306.4
3°	6425.3	6480.1	6496.9
4°	6606.4	6684.4	6709.8
5°	6807.1	6908.2	6940.0
6°	7022.7	7155.7	7196.1
7°	7253.6	7416.9	7469.8
8°	7501.8	7696.7	7765.5
9°	7764.6	8004.1	8084.2
10°	8048.3	8331.5	8426.0
11°	8356.8	8685.1	8796.7
12°	8678.3	9051.5	9181.9
13°	9023.2	9453.1	9602.6
14°	9382.2	9868.5	10046.0
15°	9755.2	10294.6	10500.0
16°	10141.1	10743.8	10962.6
17°	10538.4	11194.9	11426.2
18°	10934.8	11637.4	11881.1
19°	11319.7	12062.5	12325.5
20°	11690.2	12473.3	12749.8
21°	12046.2	12861.1	13154.8
22°	12383.1	13222.0	13523.3
23°	12708.5	13582.8	13883.3
24°	13021.4	13927.4	14216.3
25°	13333.3	14261.4	14534.9
26°	13645.2	14554.1	14809.4
27°	13944.7	14814.2	15050.4
28°	14214.4	15042.7	15267.3
29°	14471.6	15270.1	15495.7
30°	14723.1	15528.3	15771.1
31°	14979.3	15764.4	15996.7
32°	15213.5	15934.3	16160.8
33°	15378.6	16011.1	16215.5
34°	15459.2	15984.2	16161.8
35°	15445.8	15856.6	16010.1
36°	15367.1	15678.0	15813.4
37°	15230.8	15496.7	15640.6
38°	15109.9	15379.6	15543.7
39°	15036.9	15314.3	15487.1
40°	14995.6	15275.9	15442.9
41°	14972.6	15243.3	15393.0
42°	14948.6	15208.7	15330.6
43°	14921.7	15163.6	15252.9
44°	14892.0	15107.9	15158.8



REPORT NUMBER: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	14852.6	15031.2	15043.6
46°	14805.6	14938.1	14916.0
47°	14749.0	14833.4	14782.6
48°	14678.0	14721.1	14646.3
49°	14591.6	14609.8	14508.1
50°	14491.8	14492.7	14360.3
51°	14374.7	14369.9	14197.1
52°	14242.2	14218.2	14011.9
53°	14107.8	14037.8	13805.5
54°	13965.8	13821.8	13562.7
55°	13808.4	13568.4	13296.8
56°	13626.0	13287.2	12985.9
57°	13410.1	12967.6	12635.5
58°	13159.6	12593.3	12237.2
59°	12879.3	12183.5	11814.0
60°	12560.7	11735.3	11306.2
61°	12196.0	11221.8	10683.3
62°	11798.6	10617.1	9945.3
63°	11372.5	9926.1	9109.8
64°	10890.7	9158.6	8263.2
65°	10359.9	8419.9	7471.0
66°	9775.4	7725.1	6797.2
67°	9182.6	7084.4	6270.3
68°	8579.3	6523.7	5849.9
69°	8003.1	6012.1	5423.3
70°	7447.9	5511.6	4755.0
71°	6872.9	4880.8	3710.7
72°	6234.7	3979.9	2464.5
73°	5590.1	2886.1	1382.4
74°	4902.2	1854.4	1048.9
75°	4041.0	1077.8	722.8
76°	3133.2	843.4	396.6
77°	2375.4	612.4	334.2
78°	1751.2	381.4	291.3
79°	1260.2	316.8	260.9
80°	961.6	273.1	234.4
81°	664.1	236.7	209.3
82°	366.5	207.4	185.4
83°	300.6	184.3	160.7
84°	241.7	155.8	136.4
85°	173.2	125.1	111.3
86°	126.8	98.5	85.8
87°	91.7	73.1	60.2
88°	59.6	47.7	34.6
89°	27.4	22.4	16.2



REPORT NUMBER: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

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: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

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: P1436837

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)