

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: P1436838

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

Issue Date: 3/25/2026

Test Information

Test Method: LM-79-2024
Report Number: P1436838
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-HSS)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 100% (300W)
OPTICS - TYPE 3 WITH HOUSE SIDE SHIELD
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 38695 (1 lamp)
Luminaire Lumens: 36833 lumens
Efficiency: 95.2%
Efficacy: 122.9 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type IV - Short - Full Cutoff
BUG Rating: B4 - U0 - G4

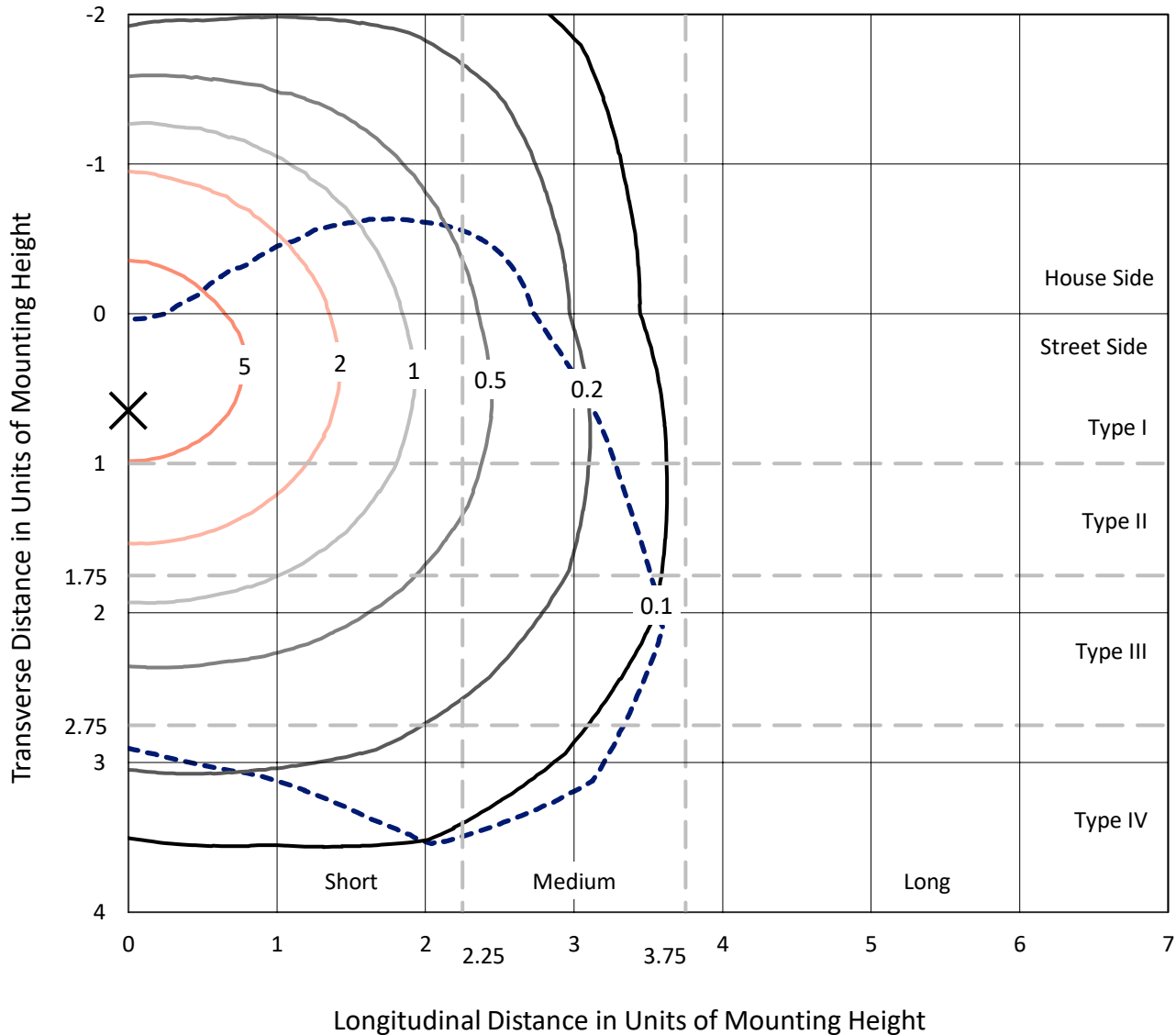
Input Watts (W): 299.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

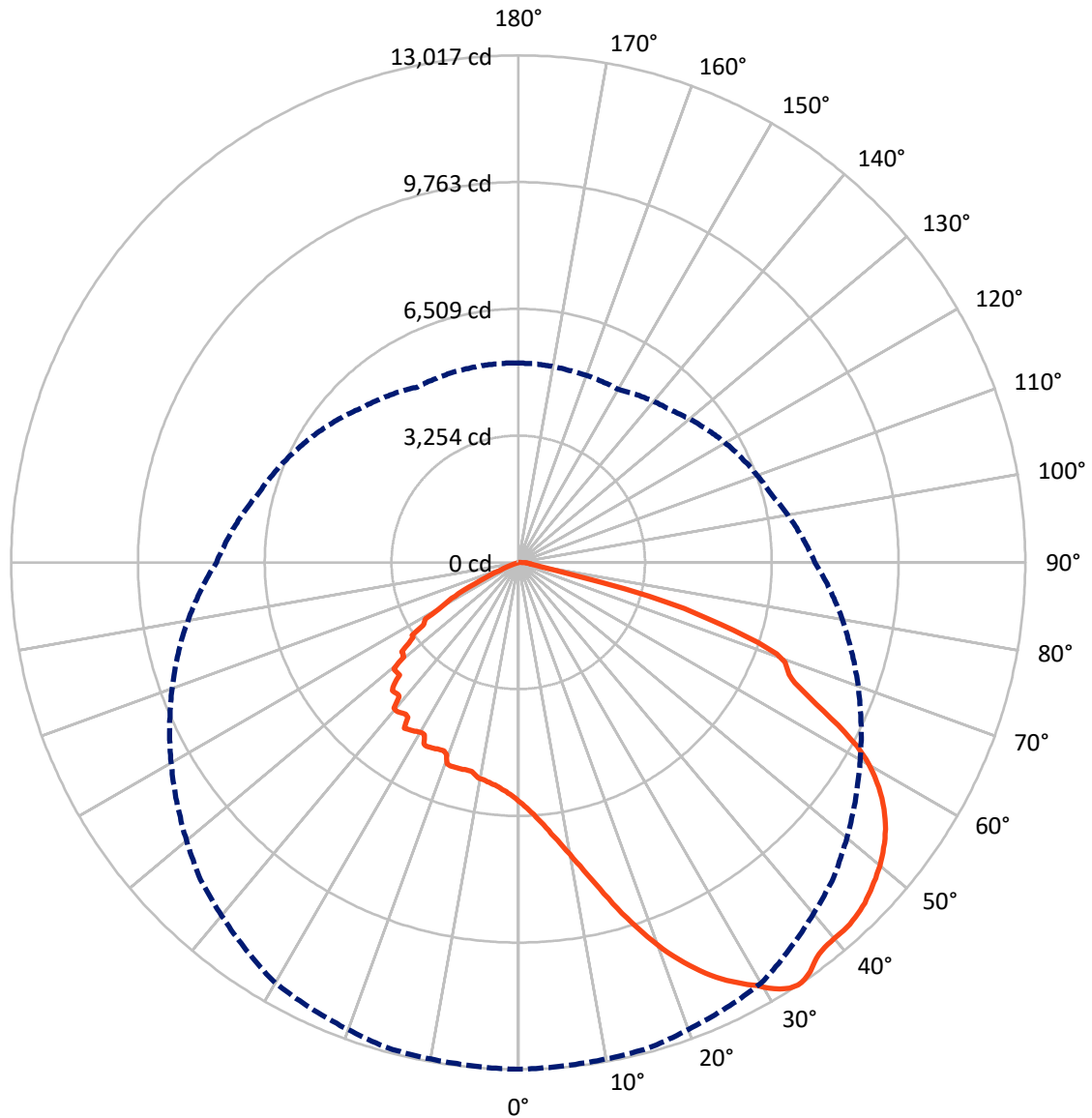


Based on 30 foot mounting height. Maximum calculated value = 9.8 fc
 Type IV - Short - Full Cutoff

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Luminous Intensity Polar Plot



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

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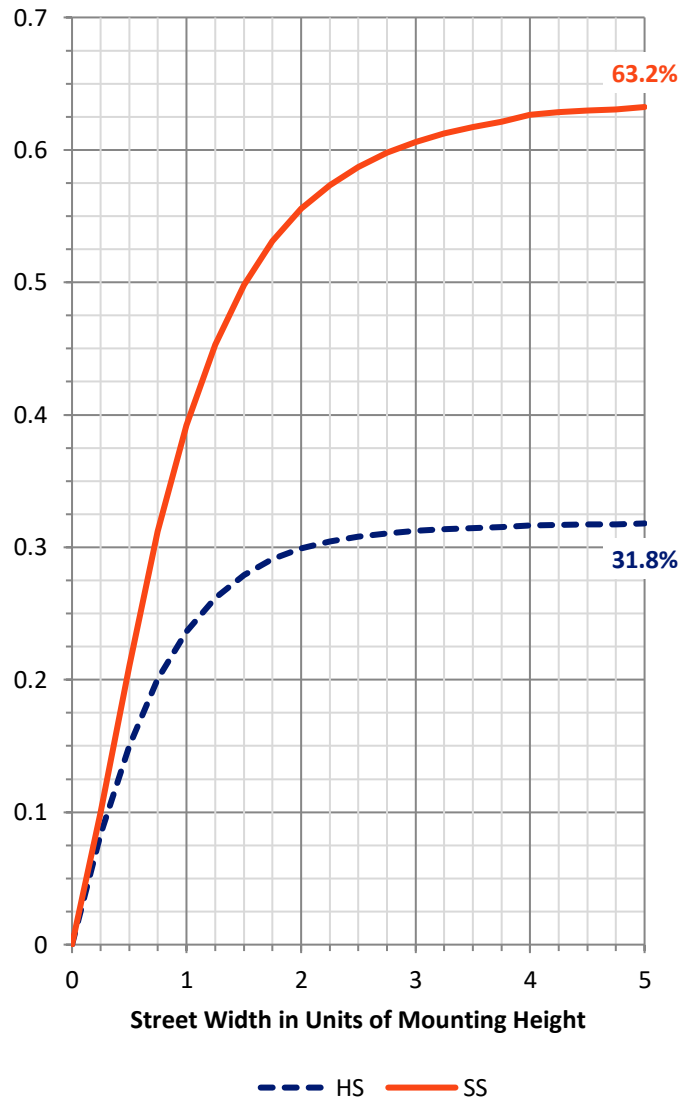
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12368.5	0.0	12368.5
	% Lamp	32.0	0.0	32.0
Street Side	Lumens	24464.5	0.0	24464.5
	% Lamp	63.2	0.0	63.2
Total	Lumens	36833.0	0.0	36833.0
	% Lamp	95.2	0.0	95.2

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	605.8	1.6	1.6
10°-20°	1985.4	5.4	5.1
20°-30°	3658.4	9.9	9.5
30°-40°	5335.1	14.5	13.8
40°-50°	6584.9	17.9	17.0
50°-60°	7354.5	20.0	19.0
60°-70°	6888.5	18.7	17.8
70°-80°	4085.1	11.1	10.6
80°-90°	335.4	0.9	0.9
90°-100°	0.0	0.0	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	36833.0	100.0	95.2
0°-180°	36833.0	100.0	95.2

Coefficient of Utilization



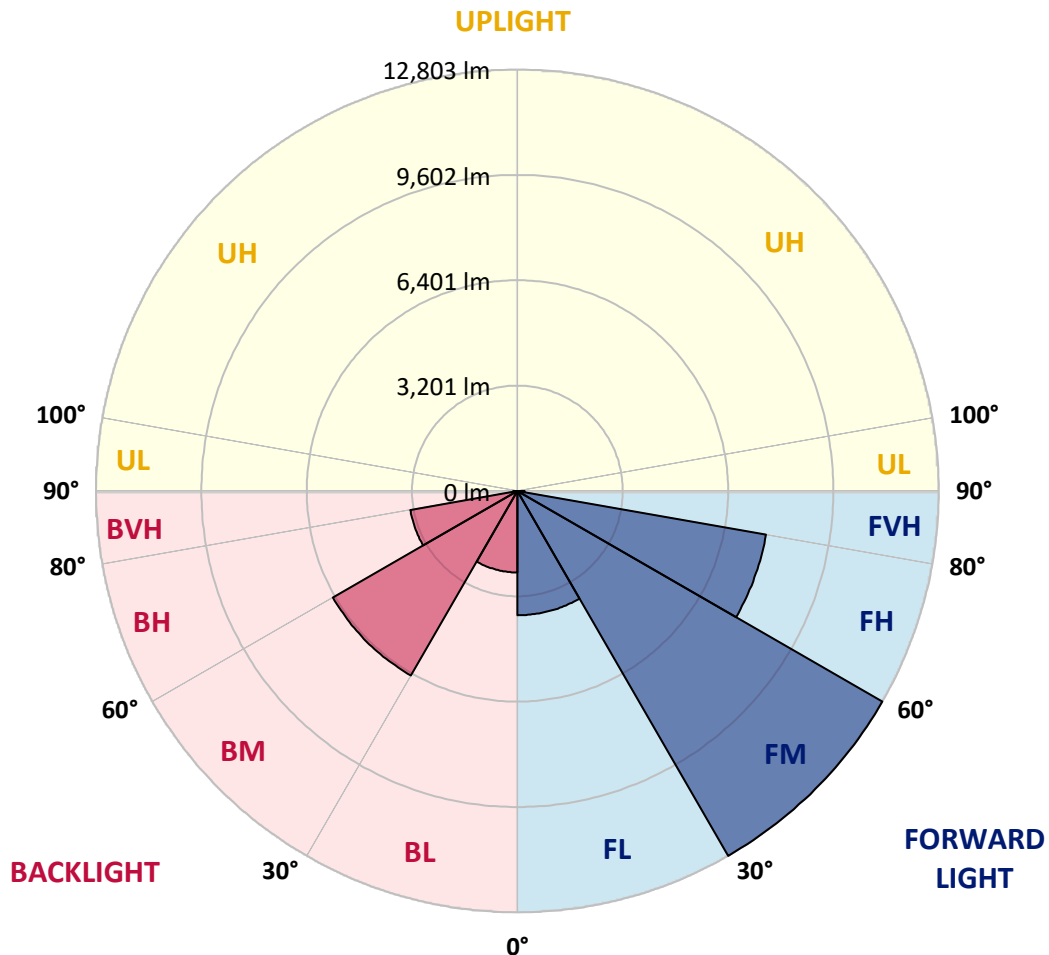
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3774.9	9.8			
FM (30°-60°)	12802.7	33.1			
FH (60°-80°)	7669.3	19.8			G4/12000
FVH (80°-90°)	217.6	0.6			G2/225
BL (0°-30°)	2474.6	6.4	B3/2500		
BM (30°-60°)	6471.7	16.7	B4/8500		
BH (60°-80°)	3304.4	8.5	B4/5000		G4/5000
BVH (80°-90°)	117.8	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	1862.0	4.8			

BUG Rating: B4-U0-G4
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6
1°	6257.5	6258.0	6250.4	6238.4	6221.8	6198.9	6154.5	6131.3	6109.8	6093.9	6081.3
2°	6366.8	6362.6	6341.6	6310.2	6272.4	6225.9	6157.2	6111.0	6069.4	6035.8	6011.2
3°	6486.2	6477.4	6443.5	6393.5	6329.7	6258.2	6164.8	6096.1	6035.5	5985.4	5951.6
4°	6621.4	6605.7	6557.9	6486.7	6396.2	6298.8	6179.1	6087.3	6005.7	5942.0	5898.6
5°	6769.6	6747.6	6681.8	6587.0	6471.3	6345.4	6200.1	6084.5	5984.0	5906.2	5853.2
6°	6930.2	6901.4	6820.2	6699.8	6553.3	6395.0	6222.7	6085.8	5966.6	5874.8	5810.6
7°	7106.9	7072.9	6970.4	6822.5	6640.4	6447.6	6247.0	6088.1	5953.1	5847.6	5778.0
8°	7293.2	7251.8	7132.8	6953.6	6734.3	6505.9	6275.7	6093.7	5941.9	5826.8	5753.4
9°	7499.4	7447.7	7308.1	7094.0	6835.8	6569.2	6308.1	6101.0	5931.7	5813.7	5732.2
10°	7721.9	7661.4	7494.5	7244.2	6943.7	6636.2	6341.2	6109.9	5922.8	5803.4	5714.7
11°	7958.2	7888.3	7697.6	7407.3	7057.9	6708.3	6379.2	6122.3	5919.9	5795.3	5700.2
12°	8212.7	8131.6	7911.0	7578.2	7177.7	6784.4	6405.0	6124.0	5923.1	5788.9	5692.2
13°	8492.5	8394.7	8138.8	7761.0	7306.4	6848.2	6434.0	6127.2	5911.7	5784.9	5684.0
14°	8784.8	8671.0	8375.5	7950.6	7442.8	6917.5	6468.8	6131.9	5904.9	5785.7	5622.7
15°	9087.1	8961.7	8625.6	8144.8	7568.7	6991.4	6508.3	6145.7	5898.7	5773.1	5584.5
16°	9396.4	9250.5	8881.9	8349.6	7704.3	7073.4	6562.3	6170.6	5901.0	5753.0	5585.6
17°	9703.5	9548.4	9140.4	8558.8	7843.5	7164.3	6610.5	6188.7	5909.2	5706.0	5593.1
18°	10007.2	9838.7	9400.4	8772.0	7980.5	7262.6	6665.0	6215.0	5916.3	5678.0	5603.6
19°	10305.1	10123.3	9658.8	8980.5	8129.7	7356.2	6730.1	6254.5	5932.2	5677.4	5618.9
20°	10593.5	10403.2	9909.1	9168.6	8278.2	7455.8	6800.4	6297.7	5958.4	5682.2	5631.9
21°	10863.9	10670.6	10151.9	9372.2	8436.6	7566.1	6869.9	6332.4	5983.4	5690.9	5633.4
22°	11119.9	10923.8	10385.1	9556.0	8583.0	7683.4	6928.2	6345.6	5990.3	5713.7	5632.4
23°	11362.7	11170.4	10614.5	9736.8	8737.3	7803.4	6964.1	6369.1	5967.1	5735.4	5586.0
24°	11594.0	11402.6	10836.3	9916.7	8889.4	7911.4	7011.6	6411.8	5973.8	5746.0	5399.7
25°	11810.0	11630.1	11052.3	10097.6	9040.1	8009.3	7077.6	6436.8	5979.9	5757.4	5334.8
26°	12000.4	11829.1	11262.7	10269.9	9194.1	8092.9	7142.6	6463.3	5987.4	5776.0	5344.6
27°	12167.0	12009.9	11462.6	10438.4	9347.1	8188.9	7190.1	6507.4	6020.5	5778.5	5360.1
28°	12327.9	12172.7	11651.1	10604.0	9497.2	8302.0	7254.7	6552.3	6053.3	5668.9	5370.2
29°	12489.7	12337.4	11821.5	10759.2	9634.0	8423.4	7336.7	6588.9	6066.6	5564.4	5378.2
30°	12685.8	12524.9	11990.9	10919.1	9764.4	8528.6	7420.4	6610.7	6074.1	5514.8	5388.6
31°	12846.6	12697.2	12168.0	11093.3	9869.2	8631.7	7495.6	6640.8	6100.4	5504.4	5404.2
32°	12968.5	12833.3	12333.6	11275.1	9991.0	8739.2	7556.7	6685.8	6130.7	5510.6	5276.5
33°	13017.0	12912.3	12477.3	11446.4	10135.7	8858.7	7617.3	6727.5	6135.3	5532.2	5129.1
34°	12990.4	12903.8	12561.1	11603.5	10288.0	8986.1	7693.4	6753.0	6155.1	5556.7	5118.0
35°	12901.9	12830.5	12560.1	11720.6	10432.7	9115.7	7780.4	6790.9	6172.6	5574.0	5125.5
36°	12782.9	12723.9	12497.3	11794.8	10561.2	9236.0	7865.2	6837.4	6185.5	5578.3	5143.6
37°	12678.2	12603.9	12406.9	11808.1	10645.9	9328.1	7928.6	6871.9	6177.0	5572.5	5175.1
38°	12632.5	12527.8	12321.2	11782.4	10698.2	9413.3	7996.1	6903.5	6073.1	5431.4	5189.7
39°	12618.2	12491.6	12264.1	11747.2	10715.4	9487.4	8086.6	6933.3	5995.5	5354.3	5195.5
40°	12614.4	12472.6	12237.4	11725.3	10713.5	9540.7	8172.5	6964.5	5972.1	5389.0	5015.2
41°	12610.6	12462.1	12224.1	11717.7	10728.7	9581.7	8238.1	6986.5	6012.5	5425.1	4938.9
42°	12598.2	12451.6	12216.5	11715.8	10762.0	9622.6	8284.7	6998.8	6052.6	5424.9	4963.5
43°	12570.6	12439.2	12210.8	11725.3	10801.0	9658.8	8317.4	7039.2	6038.7	5437.5	4957.0
44°	12529.7	12420.2	12200.3	11743.4	10843.9	9696.9	8344.3	7078.7	6040.6	5471.3	4951.5



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

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	12471.6	12389.7	12184.1	11761.5	10883.9	9747.3	8377.2	7128.9	6074.6	5495.4	4950.0
46°	12405.0	12350.7	12163.2	11772.9	10923.8	9808.2	8410.4	7112.2	6112.5	5339.2	4708.8
47°	12327.9	12307.9	12138.4	11781.5	10963.8	9872.0	8435.4	7068.0	6120.6	5229.0	4646.0
48°	12247.9	12257.4	12110.8	11792.0	11002.8	9932.0	8482.9	7089.2	6115.9	5238.2	4663.7
49°	12162.2	12206.0	12075.6	11795.8	11048.5	9988.1	8537.0	7132.7	6004.0	5271.4	4663.3
50°	12069.0	12152.7	12034.7	11786.2	11082.8	10038.6	8585.3	7163.2	5950.5	5269.4	4634.4
51°	11966.2	12088.0	11985.2	11768.2	11122.8	10081.4	8624.0	7172.4	5960.1	5261.2	4372.5
52°	11848.1	12012.8	11930.0	11752.0	11166.6	10121.4	8621.2	7200.3	5961.5	5073.1	4368.3
53°	11720.6	11922.4	11867.2	11733.9	11203.7	10150.0	8576.5	7214.2	6005.0	5018.5	4400.4
54°	11577.8	11811.9	11803.4	11711.0	11222.7	10176.6	8529.1	7197.6	6003.8	5029.1	4425.6
55°	11416.0	11683.4	11730.1	11682.5	11229.4	10192.8	8522.2	7187.6	5995.1	5023.6	4169.4
56°	11229.4	11530.2	11642.5	11642.5	11229.4	10199.5	8524.0	7164.7	5947.4	4930.8	4113.1
57°	11025.7	11356.0	11538.8	11596.8	11226.5	10209.9	8514.5	7144.8	5857.7	4779.1	4115.4
58°	10798.2	11154.2	11414.1	11545.4	11214.2	10225.2	8477.7	7069.0	5839.2	4826.6	3918.3
59°	10550.7	10926.7	11277.9	11484.5	11196.1	10231.8	8440.5	7033.8	5826.5	4881.5	3803.5
60°	10261.3	10669.7	11114.2	11408.3	11163.7	10223.3	8401.4	6978.1	5803.6	4843.3	3794.6
61°	9894.9	10369.8	10934.3	11311.3	11117.1	10189.9	8341.2	6913.6	5751.8	4691.4	3519.0
62°	9458.4	10006.2	10728.7	11191.3	11060.0	10120.4	8256.2	6839.8	5685.0	4666.8	3494.7
63°	8970.8	9594.1	10497.4	11050.4	10982.9	10007.2	8145.4	6753.1	5667.1	4596.8	3296.1
64°	8489.3	9167.4	10238.5	10894.3	10882.0	9862.5	8016.0	6657.3	5605.6	4512.3	3205.2
65°	8072.2	8750.8	9956.7	10719.2	10764.9	9703.5	7886.6	6577.9	5481.1	4469.1	2979.4
66°	7740.4	8385.3	9648.3	10513.6	10623.0	9558.8	7718.3	6478.1	5484.5	4358.8	2876.5
67°	7523.4	8073.9	9353.1	10283.2	10446.9	9390.2	7522.6	6343.2	5519.9	4315.2	2646.1
68°	7411.8	7843.1	9070.8	10018.6	10237.5	9180.8	7244.9	6189.4	5546.9	4225.6	2454.4
69°	7311.1	7677.5	8809.4	9733.0	9982.4	8911.9	6919.8	6002.5	5419.3	4151.0	2230.2
70°	7039.2	7524.1	8557.2	9423.4	9688.3	8518.4	6418.5	5734.3	5278.1	4079.1	2065.5
71°	6501.7	7262.8	8330.5	9108.3	9347.2	8005.8	5773.2	5364.4	5161.3	3984.9	1947.6
72°	5792.8	6818.6	8115.4	8785.0	8969.4	7400.8	5135.4	4963.1	5007.5	3878.6	1829.6
73°	5089.7	6208.5	7874.0	8469.7	8536.3	6722.6	4562.2	4550.7	4768.7	3763.8	1711.8
74°	4425.0	5531.7	7584.4	8148.9	8036.5	6036.2	4029.0	4135.8	4520.6	3612.3	1601.0
75°	3467.7	4787.2	7211.3	7758.2	7493.3	5308.8	3383.9	3709.5	4259.2	3410.4	1444.0
76°	2178.6	3869.7	6684.1	7308.0	6849.8	4508.2	2467.8	3212.2	3983.0	3161.9	1279.3
77°	1029.7	2572.3	5995.6	6683.4	6115.8	3407.7	1551.7	2407.3	3701.9	2805.6	1121.8
78°	808.7	1292.3	5150.7	5868.9	5237.9	2145.1	649.2	1602.4	3385.2	2337.2	958.8
79°	598.5	991.3	4028.2	4866.0	4207.7	1070.6	295.9	805.6	2877.8	1868.7	813.3
80°	388.2	690.5	2582.9	3639.4	2985.2	796.7	253.7	590.5	2055.6	1400.9	702.6
81°	353.2	389.7	1340.4	2320.9	1732.4	533.8	211.5	375.3	1236.1	1034.5	707.0
82°	321.3	344.4	1003.6	1116.4	779.6	271.0	169.6	165.4	541.4	845.7	658.4
83°	290.8	308.6	681.3	857.4	534.5	228.5	145.3	134.4	410.5	720.7	526.9
84°	259.7	273.6	359.1	602.8	292.8	193.7	121.8	107.8	279.6	571.8	363.1
85°	228.4	239.2	290.7	348.2	235.0	160.7	98.9	84.9	150.9	406.3	259.8
86°	194.6	206.7	233.4	296.0	188.4	127.7	76.5	65.3	124.4	325.9	157.6
87°	161.3	175.7	193.1	236.2	150.0	97.6	54.7	48.5	96.6	245.6	103.1
88°	131.5	145.5	153.6	168.8	116.1	74.1	38.9	34.6	64.1	165.2	70.5
89°	107.7	114.1	112.8	100.0	89.2	50.7	23.0	20.6	44.6	84.9	37.9



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

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: P1436838

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

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: P1436838

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

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: P1436838

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6	6163.6
1°	6075.8	6076.3	6084.0	6096.9	6115.7	6136.8	6159.3	6161.7	6184.5	6207.2	6227.1
2°	5999.8	5997.2	6008.2	6030.4	6062.8	6101.6	6146.9	6172.3	6218.0	6262.9	6303.7
3°	5933.7	5928.5	5942.4	5972.0	6015.0	6071.5	6136.9	6186.4	6256.4	6326.2	6390.1
4°	5875.9	5869.3	5885.8	5920.3	5974.9	6047.3	6132.5	6205.1	6300.9	6397.5	6484.7
5°	5822.5	5815.7	5834.1	5875.3	5938.5	6027.0	6130.6	6226.9	6348.1	6472.6	6588.8
6°	5778.0	5771.0	5790.9	5834.0	5908.4	6009.3	6133.6	6253.1	6400.2	6554.3	6701.8
7°	5742.2	5733.3	5755.8	5802.8	5879.8	5995.7	6138.2	6280.8	6456.7	6643.5	6822.9
8°	5710.6	5699.7	5724.0	5779.3	5859.3	5983.8	6144.8	6310.0	6516.8	6738.5	6951.5
9°	5681.3	5669.1	5695.2	5756.5	5845.4	5972.8	6151.4	6342.6	6580.2	6840.5	7091.9
10°	5657.8	5644.8	5671.1	5737.4	5834.4	5964.2	6163.2	6380.9	6648.1	6948.3	7239.7
11°	5641.2	5627.6	5654.2	5723.0	5826.1	5963.3	6177.7	6423.7	6724.3	7063.8	7399.9
12°	5605.8	5565.2	5619.0	5714.1	5821.4	5967.7	6180.7	6452.2	6805.1	7185.0	7570.2
13°	5541.6	5502.1	5554.4	5709.1	5818.9	5957.9	6190.6	6487.1	6870.8	7320.7	7753.1
14°	5512.3	5496.4	5525.0	5644.8	5820.4	5955.4	6200.0	6522.3	6945.1	7454.3	7947.4
15°	5515.6	5496.5	5525.3	5602.9	5809.5	5956.1	6220.8	6567.3	7021.1	7582.1	8149.4
16°	5519.5	5500.7	5529.6	5607.1	5802.4	5966.6	6240.3	6621.2	7106.8	7718.7	8361.4
17°	5528.6	5507.5	5539.6	5616.6	5758.9	5973.2	6265.0	6674.2	7209.8	7858.9	8578.0
18°	5534.9	5508.2	5546.4	5629.3	5737.0	5985.7	6300.2	6732.3	7300.6	8013.4	8790.6
19°	5539.2	5509.2	5552.2	5647.9	5729.2	6011.8	6342.6	6803.4	7401.8	8168.4	8990.4
20°	5543.6	5486.3	5558.7	5661.4	5736.1	6043.0	6384.1	6875.5	7507.7	8333.1	9199.5
21°	5430.6	5260.8	5453.9	5662.4	5755.6	6067.0	6418.0	6939.9	7628.6	8488.1	9400.3
22°	5268.4	5202.9	5300.8	5665.9	5779.9	6077.7	6436.5	6997.9	7749.8	8648.9	9587.4
23°	5242.9	5209.4	5274.4	5633.4	5798.3	6064.2	6474.6	7039.0	7867.6	8812.2	9778.7
24°	5252.7	5223.9	5286.5	5445.1	5813.5	6079.3	6523.4	7096.6	7976.5	8972.4	9965.3
25°	5271.0	5243.8	5306.2	5394.5	5827.8	6090.3	6552.7	7170.1	8070.8	9135.7	10143.3
26°	5292.2	5261.8	5329.9	5412.7	5850.4	6098.6	6588.6	7229.0	8168.3	9294.5	10321.3
27°	5309.9	5282.4	5350.5	5428.2	5851.5	6136.3	6641.3	7286.6	8280.6	9451.3	10490.7
28°	5328.4	5245.7	5374.8	5440.7	5748.5	6167.6	6690.5	7362.1	8407.2	9597.9	10661.1
29°	5235.4	5037.3	5276.1	5448.7	5649.2	6177.9	6723.2	7447.1	8531.1	9741.6	10834.4
30°	5060.2	5021.4	5102.9	5466.0	5597.0	6188.7	6752.1	7531.7	8640.0	9872.0	11010.5
31°	5053.8	5049.1	5095.6	5483.3	5589.8	6218.6	6795.2	7604.9	8760.3	10002.4	11188.5
32°	5074.1	5083.9	5116.7	5341.2	5605.3	6247.8	6846.8	7669.5	8897.5	10143.3	11362.7
33°	5099.3	5117.0	5142.5	5196.1	5631.5	6253.2	6895.6	7746.8	9040.2	10290.8	11529.2
34°	5123.6	5143.9	5164.7	5190.4	5657.8	6274.4	6922.8	7842.7	9170.4	10437.4	11676.8
35°	5142.9	5166.5	5182.8	5197.1	5670.1	6289.9	6969.2	7936.9	9281.8	10580.2	11775.8
36°	5150.0	4889.2	5184.8	5219.4	5672.1	6300.7	7014.9	8024.1	9378.4	10679.2	11818.6
37°	4869.1	4849.4	4897.5	5248.2	5663.7	6287.8	7052.1	8088.1	9461.7	10738.2	11819.6
38°	4811.0	4877.6	4852.3	5257.9	5523.7	6189.9	7084.2	8164.0	9529.3	10762.0	11789.1
39°	4828.9	4911.5	4869.9	5273.4	5451.0	6122.7	7103.7	8242.0	9584.5	10767.7	11751.0
40°	4852.9	4941.2	4887.9	5092.7	5493.2	6103.5	7129.1	8301.6	9626.4	10778.2	11730.1
41°	4855.0	4914.5	4889.5	5027.8	5522.1	6143.1	7135.5	8354.8	9658.8	10802.0	11721.5
42°	4806.5	4608.6	4844.0	5045.0	5517.5	6166.8	7147.0	8400.8	9696.9	10831.5	11734.8
43°	4533.6	4586.0	4578.2	5035.4	5541.0	6140.7	7191.0	8439.3	9738.7	10866.7	11760.5
44°	4511.0	4602.5	4561.1	5030.5	5573.8	6151.3	7237.1	8473.6	9791.1	10905.8	11784.3

REPORT NUMBER: P1436838

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4534.0	4610.8	4582.3	5029.9	5595.9	6192.1	7286.1	8512.2	9851.1	10943.8	11805.3
46°	4537.6	4479.8	4581.7	4776.3	5435.0	6228.9	7249.3	8539.9	9908.2	10990.5	11826.2
47°	4421.1	4198.0	4454.0	4738.4	5333.2	6248.3	7212.9	8574.7	9966.2	11041.9	11843.4
48°	4179.4	4199.0	4233.9	4751.4	5350.7	6233.1	7244.6	8627.9	10023.4	11091.4	11851.0
49°	4197.5	4204.5	4255.8	4749.9	5385.4	6122.9	7297.2	8673.8	10078.6	11134.2	11846.2
50°	4220.8	4202.3	4281.1	4710.6	5376.3	6094.1	7324.4	8711.7	10127.1	11181.8	11836.7
51°	4234.1	3816.2	4299.6	4461.7	5360.2	6104.8	7337.4	8732.4	10167.1	11222.7	11826.2
52°	3905.2	3777.7	3957.5	4468.5	5164.2	6116.1	7366.2	8703.6	10199.5	11256.0	11812.9
53°	3861.4	3772.5	3919.0	4501.4	5134.6	6154.7	7371.1	8646.9	10229.0	11276.0	11796.7
54°	3852.1	3485.9	3908.8	4524.9	5150.6	6149.2	7353.2	8614.7	10243.2	11282.7	11775.8
55°	3583.3	3311.1	3625.4	4253.1	5147.1	6137.4	7338.3	8611.0	10249.0	11281.7	11752.0
56°	3443.8	3302.9	3501.0	4208.9	5033.3	6085.5	7307.5	8612.2	10251.8	11283.7	11719.6
57°	3440.0	2937.8	3496.0	4212.8	4920.0	5999.4	7274.5	8591.4	10257.5	11276.0	11673.0
58°	3110.3	2853.2	3154.0	3992.8	4970.3	5985.8	7187.1	8539.1	10254.7	11255.1	11607.3
59°	3026.2	2787.3	3079.1	3910.2	5023.9	5966.1	7158.5	8496.9	10244.2	11226.5	11526.4
60°	2885.8	2363.7	2906.4	3892.0	4958.0	5937.5	7075.8	8446.9	10209.0	11186.6	11435.0
61°	2606.4	2152.8	2656.1	3612.3	4822.0	5869.5	7000.8	8380.2	10139.5	11134.2	11334.1
62°	2483.0	1941.9	2490.8	3595.5	4799.0	5806.6	6908.6	8289.3	10026.2	11057.1	11222.7
63°	2236.3	1729.9	2254.0	3364.2	4710.6	5781.5	6808.0	8161.9	9891.0	10959.1	11089.5
64°	1989.6	1402.8	2017.1	3292.9	4636.1	5703.2	6707.4	8032.9	9730.2	10846.7	10926.7
65°	1740.7	1081.8	1780.1	3052.7	4582.7	5588.4	6610.0	7880.9	9578.8	10707.8	10732.5
66°	1419.1	808.4	1438.4	2936.2	4470.7	5603.9	6482.6	7674.2	9414.2	10545.9	10516.4
67°	1152.7	537.6	1132.9	2724.6	4427.1	5622.9	6316.2	7441.7	9213.8	10357.5	10278.5
68°	843.2	266.8	837.0	2507.1	4317.0	5603.9	6133.0	7127.7	8951.4	10133.8	10022.4
69°	610.7	0.6	587.0	2243.5	4223.5	5418.2	5914.6	6709.1	8609.8	9869.2	9742.5
70°	549.5	0.5	514.1	2083.1	4135.6	5244.1	5595.6	6101.4	8166.2	9562.6	9430.1
71°	489.3	0.5	448.5	1954.2	4020.6	5085.3	5173.2	5417.8	7593.8	9211.2	9094.4
72°	422.7	0.5	381.8	1825.3	3900.4	4894.3	4737.2	4795.0	6929.1	8824.2	8768.9
73°	351.2	0.5	310.3	1696.0	3746.5	4628.4	4330.5	4272.1	6236.2	8350.5	8432.4
74°	287.2	0.6	241.1	1550.1	3532.4	4373.3	3920.1	3688.0	5519.2	7777.6	8071.8
75°	227.3	0.7	198.0	1373.3	3289.9	4115.2	3387.9	2848.2	4755.3	7129.3	7656.2
76°	167.8	0.8	183.1	1215.3	2969.6	3812.2	2584.8	1788.8	3819.8	6414.2	7159.3
77°	129.4	0.9	200.5	1066.4	2536.8	3482.0	1781.8	854.0	2639.5	5627.6	6515.5
78°	139.1	1.0	184.7	916.9	2101.3	3029.5	981.1	545.6	1440.8	4683.5	5582.4
79°	188.8	1.2	168.9	801.4	1665.9	2240.6	402.0	251.7	1058.7	3611.5	4471.5
80°	194.8	1.4	152.7	737.7	1234.9	1451.8	288.1	213.5	676.7	2367.8	3195.4
81°	176.5	1.6	95.4	682.3	980.3	680.2	175.6	186.4	294.8	1205.6	1897.4
82°	128.3	1.8	52.8	583.5	818.8	506.0	144.3	161.6	249.3	894.2	825.3
83°	80.4	2.0	40.3	427.5	635.6	331.8	119.3	137.7	214.6	584.7	594.4
84°	47.9	2.3	27.8	271.4	423.0	159.5	97.8	114.5	182.8	275.2	388.8
85°	36.6	2.5	15.4	116.7	280.2	130.9	77.9	90.2	150.2	217.2	338.4
86°	25.2	2.8	13.0	68.8	137.9	104.1	60.2	69.1	118.8	174.5	284.5
87°	14.1	3.0	11.2	41.6	73.2	76.8	44.4	48.2	90.0	138.4	223.8
88°	11.1	3.3	9.5	29.5	50.6	53.1	31.4	27.2	66.4	105.0	153.6
89°	7.7	3.6	7.1	17.3	28.0	29.4	18.3	11.9	42.7	81.4	89.2



REPORT NUMBER: P1436838

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

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: P1436838

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

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: P1436838

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

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: P1436838

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6163.6	6163.6	6163.6
1°	6242.5	6253.9	6257.5
2°	6337.0	6360.2	6366.8
3°	6441.1	6474.5	6486.2
4°	6556.3	6605.7	6621.4
5°	6685.7	6748.1	6769.6
6°	6821.5	6902.2	6930.2
7°	6970.7	7071.7	7106.9
8°	7131.6	7252.8	7293.2
9°	7303.2	7447.6	7499.4
10°	7490.3	7660.5	7721.9
11°	7691.6	7888.7	7958.2
12°	7904.5	8130.4	8212.7
13°	8133.1	8395.3	8492.5
14°	8372.6	8669.4	8784.8
15°	8626.2	8957.8	9087.1
16°	8884.1	9256.0	9396.4
17°	9153.0	9559.8	9703.5
18°	9421.6	9858.7	10007.2
19°	9686.4	10144.2	10305.1
20°	9942.4	10421.2	10593.5
21°	10189.9	10686.8	10863.9
22°	10423.1	10934.3	11119.9
23°	10650.6	11180.8	11362.7
24°	10866.7	11420.7	11594.0
25°	11084.7	11650.1	11810.0
26°	11302.7	11858.6	12000.4
27°	11508.3	12045.2	12167.0
28°	11686.3	12207.0	12327.9
29°	11851.0	12368.8	12489.7
30°	12026.1	12553.5	12685.8
31°	12201.3	12723.9	12846.6
32°	12362.1	12849.5	12968.5
33°	12475.4	12914.2	13017.0
34°	12529.7	12908.5	12990.4
35°	12521.1	12834.3	12901.9
36°	12473.5	12721.0	12782.9
37°	12391.6	12604.9	12678.2
38°	12313.6	12530.6	12632.5
39°	12267.0	12495.4	12618.2
40°	12246.0	12479.2	12614.4
41°	12236.5	12471.6	12610.6
42°	12227.0	12466.8	12598.2
43°	12217.5	12457.3	12570.6
44°	12209.8	12441.1	12529.7



REPORT NUMBER: P1436838

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	12202.2	12410.7	12471.6
46°	12192.7	12371.7	12405.0
47°	12178.4	12327.9	12327.9
48°	12156.5	12278.4	12247.9
49°	12124.2	12227.0	12162.2
50°	12083.2	12174.6	12069.0
51°	12029.9	12117.5	11966.2
52°	11971.9	12045.2	11848.1
53°	11911.9	11955.7	11720.6
54°	11851.0	11845.3	11577.8
55°	11783.4	11715.8	11416.0
56°	11701.5	11562.6	11229.4
57°	11599.7	11391.2	11025.7
58°	11469.3	11183.7	10798.2
59°	11326.5	10955.3	10550.7
60°	11162.8	10704.9	10261.3
61°	10978.1	10417.4	9894.9
62°	10769.6	10069.0	9458.4
63°	10548.8	9662.6	8970.8
64°	10304.2	9222.6	8489.3
65°	10029.1	8808.9	8072.2
66°	9736.8	8444.8	7740.4
67°	9443.2	8143.3	7523.4
68°	9145.4	7904.6	7411.8
69°	8886.2	7728.5	7311.1
70°	8666.3	7572.0	7039.2
71°	8438.3	7328.9	6501.7
72°	8188.3	6892.3	5792.8
73°	7941.8	6278.6	5089.7
74°	7654.3	5588.7	4425.0
75°	7217.3	4835.3	3467.7
76°	6637.7	3909.6	2178.6
77°	5966.7	2700.7	1029.7
78°	5138.1	1445.6	808.7
79°	3978.1	1089.1	598.5
80°	2463.5	745.3	388.2
81°	1243.9	401.4	353.2
82°	932.0	349.5	321.3
83°	647.6	315.4	290.8
84°	363.1	279.1	259.7
85°	286.0	241.9	228.4
86°	232.6	207.6	194.6
87°	191.4	175.8	161.3
88°	152.0	144.5	131.5
89°	109.2	112.9	107.7



REPORT NUMBER: P1436838

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

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: P1436838

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

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: P1436838

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)