

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: P1445106

Luminaire Tested: XAS300-SFPM (5000K-300W-T4)

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445106
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-300W-T4)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 100% (300W)
OPTICS - TYPE 4
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 46561 (1 lamp)
Luminaire Lumens: 44688.4 lumens
Efficiency: 96.0%
Efficacy: 152.3 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B5 - U0 - G5

Input Watts (W): 293.4
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

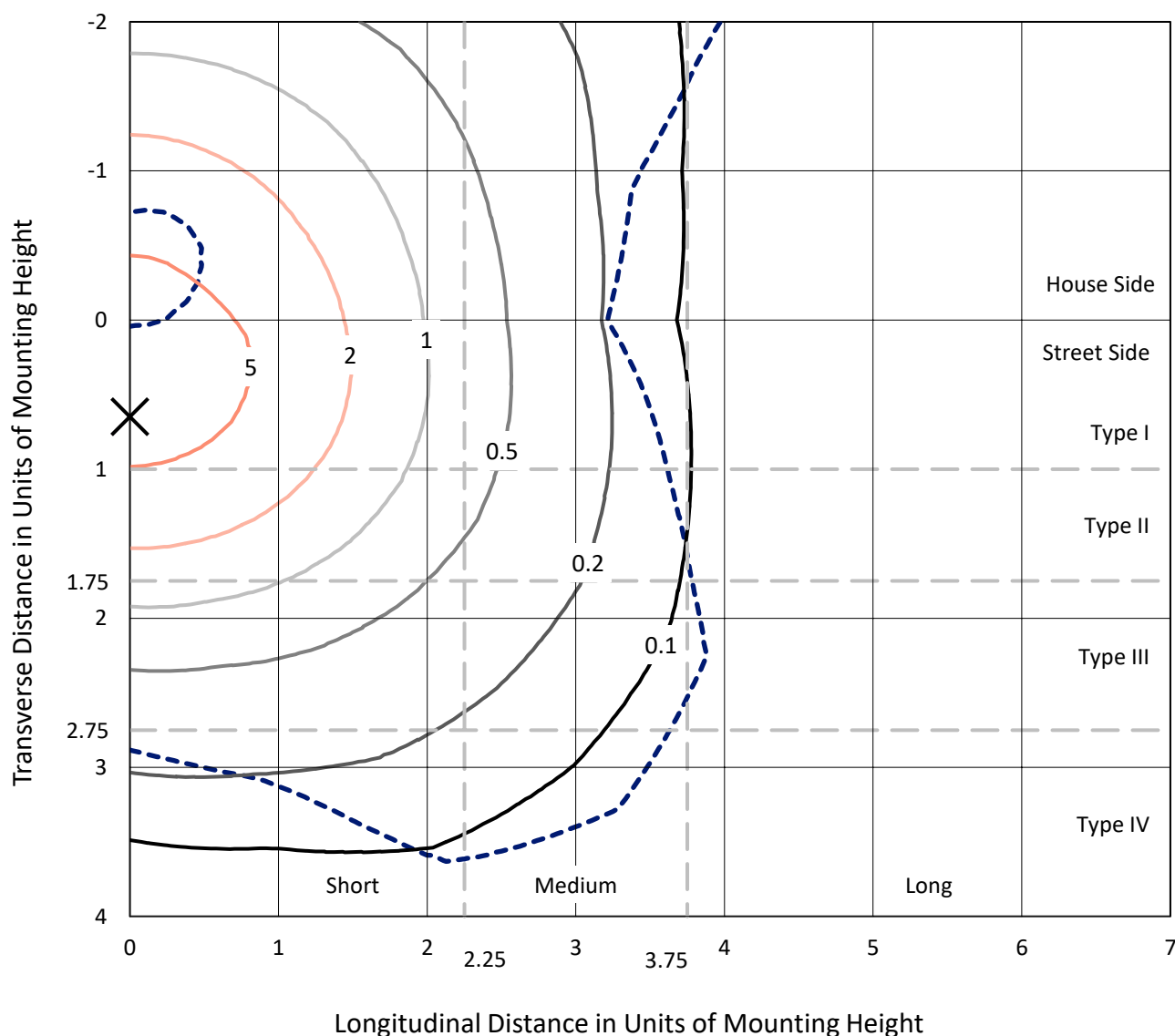
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

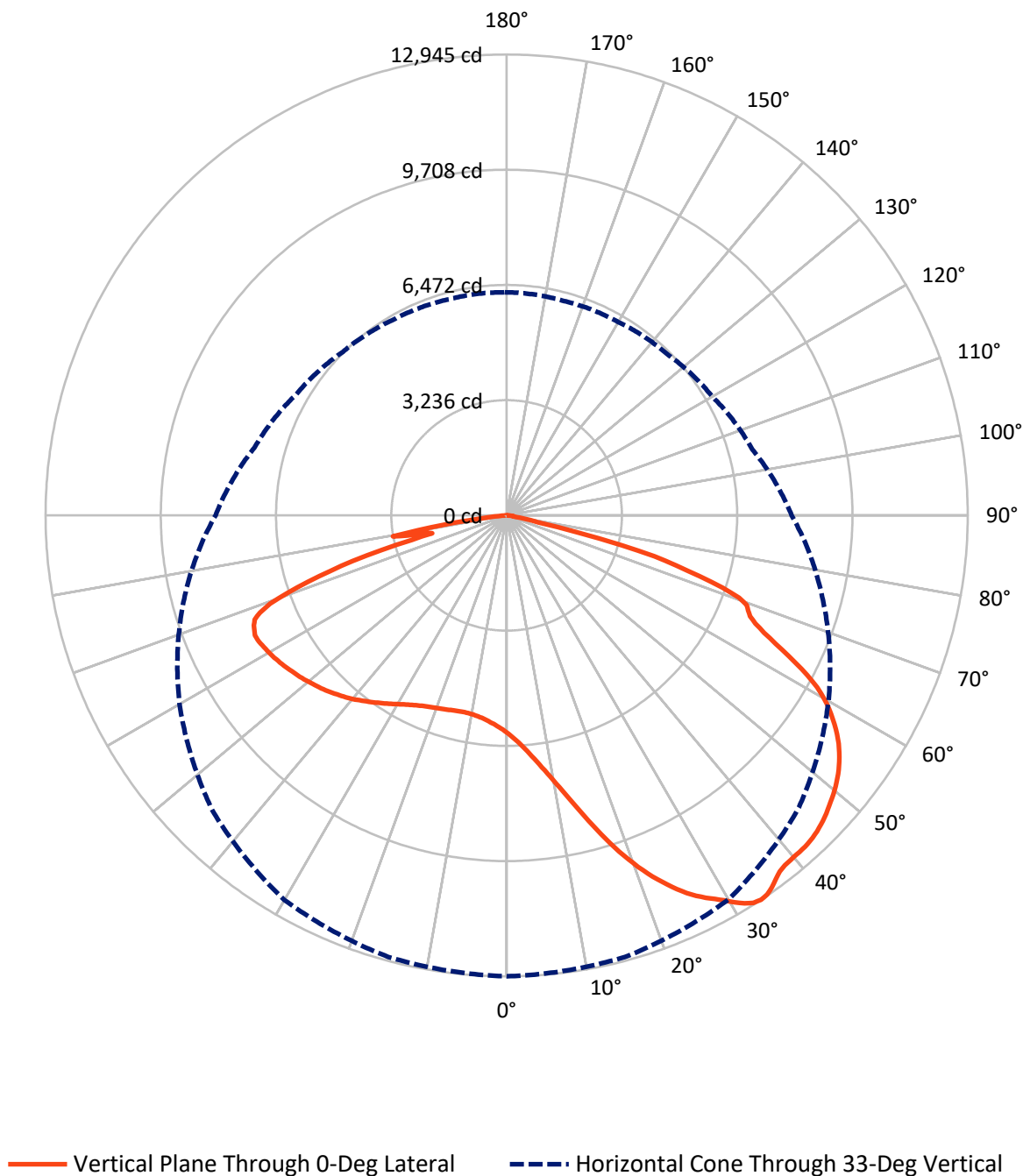


Based on 30 foot mounting height. Maximum calculated value = 9.7 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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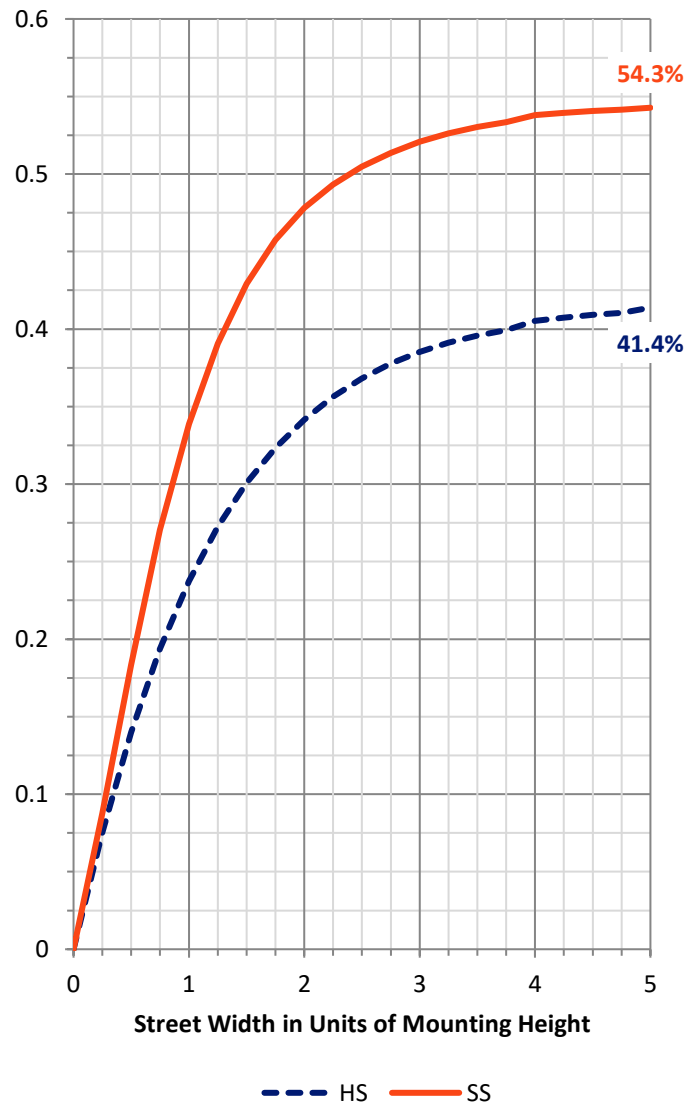
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19447.0	0.0	19447.0
	% Lamp	41.8	0.0	41.8
Street Side	Lumens	25241.4	0.0	25241.4
	% Lamp	54.2	0.0	54.2
Total	Lumens	44688.4	0.0	44688.4
	% Lamp	96.0	0.0	96.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	603.7	1.4	1.3
10°-20°	1997.1	4.5	4.3
20°-30°	3771.2	8.4	8.1
30°-40°	5683.1	12.7	12.2
40°-50°	7346.2	16.4	15.8
50°-60°	8798.5	19.7	18.9
60°-70°	9346.4	20.9	20.1
70°-80°	6404.5	14.3	13.8
80°-90°	737.7	1.7	1.6
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°	44688.4	100.0	96.0
0°-180°	44688.4	100.0	96.0

Coefficient of Utilization



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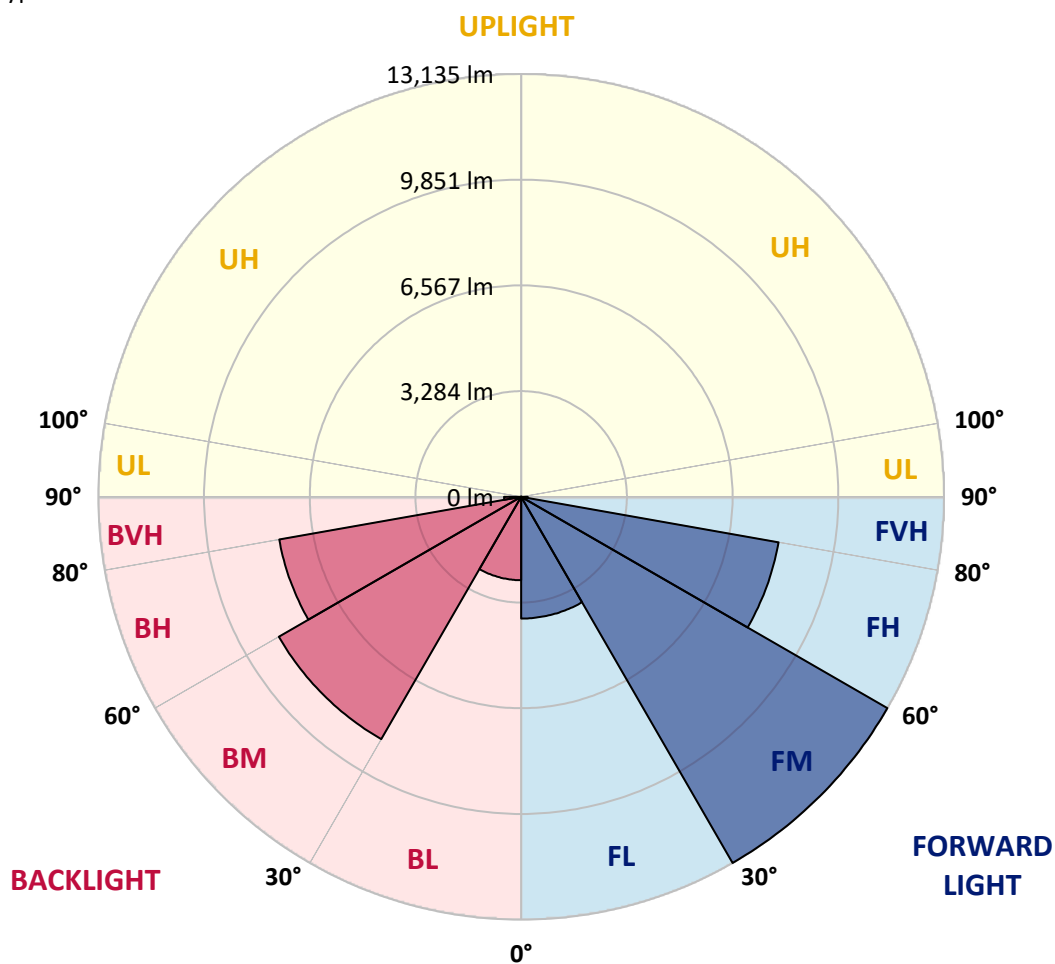
CATALOG NUMBER: XAS300-SFPM (5000K-300W-T4)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3782.0	8.1			
FM	(30°-60°)	13135.0	28.2			
FH	(60°-80°)	8119.9	17.4			G4/12000
FVH	(80°-90°)	204.5	0.4			G2/225
BL	(0°-30°)	2589.9	5.6	B4/5000		
BM	(30°-60°)	8692.9	18.7	B5		
BH	(60°-80°)	7631.0	16.4	B5		G5
BVH	(80°-90°)	533.2	1.1			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		1872.6	4.0			

BUG Rating: B5-U0-G5

Type IV Short



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CATALOG NUMBER: XAS300-SFPM (5000K-300W-T4)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9
1°	6225.9	6223.8	6217.4	6208.1	6191.0	6169.6	6126.7	6104.5	6085.3	6069.4	6058.8
2°	6329.1	6322.5	6305.5	6278.3	6239.1	6195.5	6129.6	6086.1	6046.7	6015.9	5995.1
3°	6446.0	6434.3	6404.3	6354.9	6294.1	6226.1	6137.6	6072.3	6015.0	5971.3	5941.2
4°	6576.9	6559.3	6514.1	6444.3	6356.8	6263.3	6149.4	6062.9	5989.9	5933.5	5895.3
5°	6721.3	6696.9	6633.2	6541.4	6429.3	6307.4	6167.8	6060.3	5969.9	5903.1	5856.9
6°	6881.3	6850.7	6772.2	6649.8	6507.3	6354.1	6189.2	6060.9	5954.1	5876.7	5821.0
7°	7054.0	7017.9	6918.0	6768.9	6590.6	6404.8	6211.9	6063.5	5943.5	5853.4	5789.4
8°	7238.0	7195.8	7076.8	6897.7	6680.6	6460.5	6239.3	6070.7	5936.5	5833.8	5763.8
9°	7441.7	7394.3	7251.2	7035.9	6779.2	6521.6	6270.6	6079.8	5930.4	5818.4	5742.8
10°	7661.8	7599.5	7433.4	7184.6	6885.7	6586.9	6306.6	6091.5	5925.6	5809.3	5727.9
11°	7900.1	7829.4	7634.2	7342.0	6997.9	6657.7	6344.4	6106.6	5924.2	5802.2	5718.5
12°	8156.2	8069.9	7844.5	7511.7	7118.0	6734.4	6386.3	6127.0	5927.8	5799.4	5714.2
13°	8432.7	8331.5	8072.9	7690.0	7244.2	6815.2	6435.9	6150.3	5936.0	5799.7	5715.1
14°	8724.2	8611.2	8309.7	7880.6	7382.0	6903.7	6491.3	6177.6	5946.6	5804.3	5720.9
15°	9027.6	8899.2	8556.5	8080.7	7524.2	6995.4	6548.4	6208.3	5960.4	5812.5	5729.8
16°	9339.8	9190.8	8812.1	8286.3	7676.0	7093.8	6610.2	6245.3	5978.2	5823.4	5742.1
17°	9647.7	9486.3	9072.9	8493.4	7832.3	7198.8	6677.7	6284.2	6001.3	5839.2	5758.7
18°	9952.0	9779.2	9332.7	8709.5	7992.6	7309.1	6749.3	6327.5	6026.7	5859.4	5778.4
19°	10248.6	10067.2	9593.5	8921.4	8154.8	7421.6	6820.9	6373.4	6056.5	5880.6	5799.8
20°	10537.5	10341.7	9843.5	9132.6	8320.8	7535.2	6895.7	6423.1	6088.6	5907.4	5825.0
21°	10808.1	10609.4	10091.2	9344.1	8489.7	7655.2	6973.7	6475.0	6123.9	5935.5	5849.2
22°	11064.4	10862.8	10323.4	9550.4	8656.9	7779.6	7052.6	6527.2	6162.5	5966.8	5877.1
23°	11301.4	11108.5	10552.8	9755.2	8828.7	7905.2	7131.3	6579.2	6202.4	6000.2	5906.2
24°	11530.8	11338.9	10772.6	9951.0	8991.9	8029.7	7207.6	6631.9	6244.0	6033.6	5937.2
25°	11749.7	11563.5	10989.5	10144.9	9156.4	8151.0	7285.0	6683.4	6286.6	6069.5	5969.0
26°	11934.9	11763.1	11198.7	10334.9	9315.9	8275.9	7365.2	6736.7	6331.2	6105.8	6001.1
27°	12104.8	11944.5	11402.2	10517.3	9474.8	8403.7	7445.5	6788.9	6375.9	6142.5	6035.0
28°	12257.4	12104.8	11589.4	10699.7	9632.4	8530.9	7529.5	6841.8	6421.4	6181.5	6069.0
29°	12420.5	12263.1	11766.9	10878.2	9784.0	8661.9	7617.9	6898.8	6469.3	6219.1	6107.2
30°	12614.4	12448.4	11940.7	11057.7	9935.7	8797.8	7710.5	6959.3	6517.9	6259.8	6145.7
31°	12776.6	12622.1	12131.7	11241.0	10094.0	8931.4	7805.1	7020.3	6568.0	6301.7	6187.0
32°	12897.6	12758.4	12308.3	11424.3	10257.2	9062.4	7904.4	7081.8	6618.9	6346.1	6229.0
33°	12944.6	12838.1	12455.1	11601.9	10433.8	9193.1	8001.4	7143.6	6669.9	6390.9	6270.5
34°	12917.7	12833.3	12554.0	11762.1	10605.6	9339.5	8102.8	7206.9	6716.8	6434.2	6311.9
35°	12825.6	12760.3	12572.2	11887.9	10755.3	9494.6	8207.9	7272.3	6764.9	6480.5	6357.8
36°	12703.7	12653.8	12527.1	11970.4	10889.7	9645.8	8317.1	7340.0	6813.9	6528.7	6406.8
37°	12601.0	12530.9	12450.3	11988.6	10990.5	9776.3	8425.1	7405.2	6866.9	6578.7	6463.0
38°	12553.0	12451.3	12370.6	11966.6	11068.2	9888.6	8537.9	7466.3	6920.3	6634.7	6521.3
39°	12535.7	12410.9	12313.1	11936.8	11104.7	9982.7	8653.3	7532.1	6975.3	6695.3	6582.4
40°	12530.0	12390.8	12285.2	11921.5	11116.2	10052.8	8757.8	7602.9	7032.9	6762.8	6646.1
41°	12525.2	12377.4	12276.6	11921.5	11133.5	10102.7	8846.6	7680.4	7093.5	6827.5	6708.9
42°	12510.8	12366.8	12275.6	11939.7	11167.1	10147.8	8919.3	7752.9	7159.1	6898.7	6774.0
43°	12482.9	12351.4	12274.7	11971.4	11208.3	10201.5	8978.6	7819.0	7229.2	6970.8	6835.8
44°	12438.8	12332.2	12270.8	12007.8	11258.3	10270.6	9037.1	7883.0	7303.6	7048.4	6897.1

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CATALOG NUMBER: XAS300-SFPM (5000K-300W-T4)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	12380.2	12299.6	12262.2	12041.4	11314.9	10347.4	9100.7	7950.5	7377.7	7125.2	6956.5
46°	12308.3	12257.4	12247.8	12069.3	11378.2	10424.2	9169.6	8022.0	7455.4	7201.6	7014.8
47°	12230.5	12212.3	12230.5	12089.4	11442.5	10503.9	9235.7	8101.0	7532.2	7276.0	7075.5
48°	12148.0	12161.4	12207.5	12103.8	11504.9	10584.5	9303.7	8184.8	7609.6	7350.4	7135.1
49°	12062.5	12108.6	12174.8	12113.4	11567.3	10662.2	9368.0	8268.8	7690.6	7423.2	7200.6
50°	11970.4	12053.9	12135.5	12117.3	11624.9	10740.0	9428.2	8356.7	7771.5	7495.4	7266.5
51°	11865.8	11990.6	12088.5	12116.3	11677.7	10812.0	9483.0	8444.4	7851.2	7568.9	7338.7
52°	11748.7	11912.8	12034.7	12109.6	11731.4	10883.9	9532.8	8531.6	7930.9	7644.5	7415.1
53°	11619.1	11825.5	11977.1	12101.9	11776.5	10947.3	9577.4	8615.3	8014.5	7723.1	7496.0
54°	11473.2	11713.2	11914.7	12085.6	11814.9	11005.8	9622.8	8693.9	8101.8	7806.2	7581.6
55°	11311.0	11581.7	11845.6	12063.5	11848.5	11057.7	9664.1	8768.0	8189.3	7892.4	7669.8
56°	11126.8	11430.1	11760.2	12029.9	11875.4	11102.8	9703.4	8839.1	8278.5	7984.5	7756.9
57°	10918.5	11255.4	11657.5	11985.8	11892.7	11141.2	9738.0	8907.7	8370.7	8083.9	7843.5
58°	10687.2	11053.8	11531.8	11933.0	11899.4	11170.9	9763.9	8969.9	8467.0	8188.9	7926.9
59°	10440.5	10824.4	11392.6	11873.5	11893.6	11188.2	9783.1	9026.5	8558.7	8295.8	8004.1
60°	10144.9	10568.2	11231.4	11802.4	11873.5	11192.0	9792.7	9077.3	8651.0	8408.1	8077.5
61°	9778.3	10269.7	11051.9	11714.1	11836.0	11173.8	9788.8	9116.9	8746.6	8524.5	8159.7
62°	9341.9	9911.7	10850.3	11608.6	11791.9	11133.5	9771.5	9147.0	8844.1	8643.8	8242.7
63°	8852.3	9498.3	10620.0	11481.9	11729.5	11084.5	9749.5	9170.7	8940.7	8764.0	8325.3
64°	8367.6	9061.0	10362.8	11336.0	11644.1	11013.5	9714.0	9178.5	9033.0	8887.9	8403.4
65°	7946.8	8651.9	10084.4	11165.2	11544.3	10922.3	9658.3	9176.2	9121.9	9007.8	8479.0
66°	7612.8	8277.0	9785.0	10971.3	11422.4	10817.7	9572.9	9165.3	9197.1	9127.0	8556.5
67°	7399.1	7962.8	9492.0	10743.8	11261.1	10668.9	9446.9	9119.8	9265.9	9234.9	8626.1
68°	7289.5	7732.5	9211.7	10485.6	11070.1	10467.4	9245.7	9034.9	9324.0	9339.8	8689.4
69°	7194.4	7571.0	8952.6	10199.6	10830.2	10205.4	8928.1	8876.0	9362.6	9430.8	8723.3
70°	6925.4	7429.0	8711.8	9890.6	10538.4	9836.8	8437.0	8600.5	9359.5	9511.2	8742.9
71°	6391.1	7178.9	8500.9	9574.7	10195.8	9337.6	7731.4	8190.7	9296.3	9566.5	8743.9
72°	5678.6	6746.6	8294.4	9252.4	9797.5	8720.2	6960.0	7655.0	9156.7	9591.1	8686.5
73°	4965.3	6140.0	8058.7	8939.8	9335.2	7999.3	6243.2	7050.8	8914.1	9551.2	8577.9
74°	4305.2	5465.1	7767.6	8615.1	8798.9	7249.7	5589.8	6476.2	8596.3	9430.5	8396.3
75°	3345.6	4723.0	7390.2	8222.7	8206.7	6461.4	4826.4	5924.7	8211.2	9205.0	8060.8
76°	2046.2	3803.6	6859.7	7779.0	7557.3	5606.7	3690.6	5223.1	7817.9	8844.2	7603.7
77°	905.6	2512.5	6178.0	7153.9	6826.8	4495.5	2395.8	4145.8	7378.4	8253.1	7094.2
78°	680.6	1216.0	5309.0	6314.7	5944.9	3088.4	1109.4	2946.5	6826.5	7381.9	6453.1
79°	471.3	887.7	4194.6	5261.6	4893.7	1704.2	450.5	1747.2	5929.8	6224.0	5583.5
80°	262.0	578.5	2707.5	3979.9	3646.3	779.5	299.9	561.7	4533.4	4955.5	4690.8
81°	228.5	269.3	1371.2	2611.1	2223.5	536.2	259.1	339.7	3210.9	3824.8	3946.3
82°	201.1	230.7	1002.2	1276.5	1029.8	307.7	228.0	277.5	1888.4	2884.8	3473.9
83°	174.4	199.2	646.0	946.2	743.3	253.1	196.8	235.4	591.5	2302.7	3237.3
84°	147.7	168.3	289.8	626.2	484.1	211.8	165.7	193.4	389.2	1720.7	2452.7
85°	120.1	137.5	215.0	306.2	224.8	172.2	136.7	151.3	313.4	1140.8	1668.2
86°	90.1	108.7	157.5	249.8	171.8	132.5	107.6	118.6	251.8	702.2	900.0
87°	65.2	81.7	117.7	191.3	130.0	96.8	77.6	89.0	190.1	488.4	628.3
88°	40.6	54.8	81.3	125.3	93.1	67.6	49.5	62.9	129.0	274.7	356.7
89°	15.9	28.0	45.0	66.7	52.1	38.4	34.7	43.8	88.0	61.4	90.6



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CATALOG NUMBER: XAS300-SFPM (5000K-300W-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: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-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: P1445106
CATALOG NUMBER: XAS300-SFPM (5000K-300W-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: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T4)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9	6136.9
1°	6054.2	6054.5	6062.5	6074.7	6093.4	6113.6	6135.3	6136.1	6157.5	6177.7	6197.1
2°	5984.6	5984.1	5994.9	6016.3	6046.2	6084.3	6125.6	6148.3	6192.2	6233.9	6271.4
3°	5925.7	5922.2	5936.5	5964.2	6004.6	6058.3	6118.9	6163.6	6231.4	6296.7	6355.6
4°	5874.6	5871.5	5887.0	5919.7	5970.6	6037.4	6116.0	6182.2	6273.9	6365.4	6450.3
5°	5830.5	5825.1	5844.4	5882.6	5941.5	6020.2	6115.8	6203.4	6319.3	6437.8	6552.1
6°	5788.5	5783.3	5804.5	5848.4	5916.1	6006.7	6120.5	6229.3	6369.7	6518.6	6662.0
7°	5752.7	5745.8	5769.0	5819.0	5892.7	5995.6	6125.8	6257.1	6425.1	6605.3	6780.1
8°	5722.3	5714.0	5739.7	5795.0	5874.1	5986.5	6133.4	6287.2	6484.1	6698.7	6906.7
9°	5698.8	5688.7	5716.6	5773.1	5860.9	5980.4	6144.3	6320.6	6548.5	6798.1	7043.5
10°	5679.8	5670.3	5697.7	5757.3	5850.0	5978.0	6161.1	6361.3	6617.7	6905.6	7192.0
11°	5668.6	5658.6	5685.8	5747.9	5843.0	5982.1	6182.1	6407.8	6695.5	7022.0	7350.9
12°	5665.1	5653.5	5680.1	5743.0	5842.4	5989.7	6207.6	6459.0	6779.7	7146.2	7520.3
13°	5666.5	5653.3	5681.2	5743.7	5846.2	6003.0	6237.5	6513.2	6869.5	7278.9	7706.7
14°	5670.4	5658.2	5685.9	5750.5	5853.0	6018.7	6270.5	6569.3	6962.1	7421.5	7899.5
15°	5680.0	5666.4	5693.6	5760.0	5865.1	6038.9	6306.5	6632.9	7061.0	7569.6	8104.2
16°	5692.8	5678.8	5706.1	5773.2	5883.7	6062.9	6346.4	6700.9	7164.4	7728.1	8316.4
17°	5707.5	5694.3	5723.0	5790.5	5904.5	6091.2	6389.6	6771.6	7274.8	7889.9	8532.7
18°	5726.4	5711.7	5743.1	5812.9	5927.3	6121.7	6437.3	6847.2	7386.7	8058.6	8757.3
19°	5747.6	5729.5	5765.2	5838.4	5954.0	6155.1	6486.5	6923.0	7503.0	8229.3	8974.4
20°	5768.4	5748.4	5788.5	5866.5	5983.5	6192.8	6540.7	7001.6	7624.0	8402.1	9195.5
21°	5788.3	5767.5	5814.2	5897.5	6017.0	6233.6	6596.4	7082.7	7750.3	8578.9	9409.3
22°	5809.9	5787.3	5840.2	5928.8	6051.6	6277.0	6653.8	7162.5	7875.2	8752.5	9618.9
23°	5833.8	5811.1	5867.2	5962.9	6087.9	6322.1	6711.4	7242.7	8004.4	8928.6	9823.4
24°	5861.6	5839.0	5896.5	5998.5	6123.7	6369.8	6770.8	7322.2	8132.0	9100.7	10020.1
25°	5891.6	5870.0	5929.8	6037.0	6160.3	6419.0	6828.2	7404.7	8261.7	9270.5	10211.1
26°	5924.9	5906.3	5966.7	6074.9	6197.8	6467.1	6887.3	7485.4	8392.7	9432.6	10398.3
27°	5962.6	5947.3	6006.6	6111.7	6236.3	6516.3	6946.2	7570.9	8523.6	9596.2	10589.3
28°	6003.4	5992.2	6050.9	6148.8	6277.7	6566.4	7007.4	7661.4	8658.1	9755.2	10784.1
29°	6048.1	6041.0	6097.0	6188.5	6319.7	6615.3	7071.4	7755.2	8797.2	9917.4	10971.3
30°	6094.1	6094.4	6143.3	6227.6	6363.6	6665.1	7137.7	7854.1	8937.9	10086.4	11156.5
31°	6139.8	6147.6	6189.2	6268.1	6408.8	6714.0	7204.7	7957.8	9085.6	10263.0	11355.2
32°	6186.8	6206.4	6236.2	6308.7	6453.7	6763.7	7269.5	8060.7	9235.9	10435.7	11527.9
33°	6234.9	6265.7	6283.7	6350.6	6499.2	6811.6	7335.0	8171.2	9392.0	10602.7	11694.0
34°	6284.0	6323.2	6330.8	6392.4	6543.3	6856.6	7402.3	8281.9	9538.7	10758.2	11828.4
35°	6333.4	6384.3	6379.7	6437.8	6588.6	6903.1	7470.9	8392.4	9676.5	10895.5	11922.4
36°	6383.9	6447.8	6429.4	6487.1	6634.5	6952.4	7537.7	8497.8	9808.0	11002.9	11962.7
37°	6435.8	6509.2	6477.5	6543.2	6685.7	7002.6	7599.7	8608.5	9920.3	11067.3	11966.6
38°	6483.8	6569.5	6523.5	6602.6	6745.0	7055.4	7661.9	8711.7	10005.7	11098.0	11943.5
39°	6530.6	6633.7	6569.3	6666.2	6808.5	7111.2	7718.9	8803.9	10067.2	11117.2	11919.5
40°	6580.2	6697.9	6617.4	6729.9	6875.0	7167.1	7780.0	8885.2	10110.4	11137.3	11913.8
41°	6630.8	6756.8	6669.5	6794.0	6945.9	7227.4	7838.8	8959.3	10150.7	11167.1	11932.0
42°	6682.5	6816.4	6724.5	6856.8	7021.0	7290.2	7903.5	9028.3	10205.4	11206.4	11969.4
43°	6735.6	6873.1	6780.9	6918.0	7097.1	7356.0	7977.1	9098.4	10279.3	11254.4	12012.6
44°	6789.5	6929.2	6839.9	6980.0	7171.0	7430.6	8055.0	9166.5	10360.9	11314.9	12053.0

REPORT NUMBER: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T4)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	6846.2	6984.7	6898.9	7041.3	7245.1	7508.6	8132.8	9232.1	10438.6	11384.0	12087.5
46°	6905.3	7037.9	6962.3	7103.5	7317.5	7591.0	8208.2	9298.1	10514.4	11458.8	12116.3
47°	6970.1	7094.0	7028.3	7164.9	7390.0	7678.2	8289.6	9366.2	10590.2	11532.7	12136.5
48°	7041.3	7142.0	7098.8	7226.4	7460.4	7768.7	8380.2	9426.0	10671.8	11599.9	12149.9
49°	7116.2	7190.6	7172.4	7291.8	7532.1	7856.3	8470.7	9480.6	10753.4	11661.4	12160.4
50°	7190.0	7238.8	7249.9	7361.5	7605.1	7941.8	8561.0	9529.6	10828.3	11715.1	12165.2
51°	7266.3	7290.9	7326.3	7435.1	7678.9	8022.8	8649.8	9575.3	10899.3	11764.1	12165.2
52°	7344.2	7339.7	7406.2	7513.9	7757.2	8103.5	8735.3	9622.8	10962.6	11808.2	12161.4
53°	7422.4	7385.5	7484.6	7596.7	7837.2	8187.2	8813.5	9665.0	11019.3	11847.6	12154.7
54°	7499.9	7429.6	7559.9	7681.7	7922.1	8272.8	8884.6	9705.3	11067.3	11880.2	12140.3
55°	7570.0	7475.2	7627.2	7771.4	8013.6	8362.3	8949.7	9738.0	11106.6	11902.3	12119.2
56°	7630.7	7519.7	7686.8	7860.6	8110.4	8454.1	9009.2	9767.7	11135.4	11920.5	12085.6
57°	7681.3	7563.6	7742.5	7951.6	8213.1	8543.7	9063.3	9794.6	11148.8	11927.2	12041.4
58°	7730.7	7606.0	7792.5	8032.7	8322.8	8633.3	9112.6	9811.9	11156.5	11917.6	11976.2
59°	7777.1	7647.8	7838.8	8107.7	8435.2	8722.6	9153.9	9816.7	11151.7	11896.5	11905.1
60°	7820.7	7684.1	7879.0	8184.5	8551.1	8808.8	9184.8	9810.9	11127.7	11866.8	11819.7
61°	7856.6	7717.6	7912.6	8269.2	8668.9	8894.5	9204.8	9804.2	11088.4	11825.5	11730.5
62°	7885.5	7752.5	7943.8	8354.2	8789.3	8984.1	9214.2	9789.8	11036.5	11763.1	11624.9
63°	7919.2	7785.1	7977.6	8428.3	8905.7	9072.1	9217.7	9755.2	10967.4	11681.5	11496.3
64°	7949.7	7818.5	8013.5	8496.9	9027.2	9154.8	9208.9	9702.4	10879.1	11578.8	11335.0
65°	7977.8	7824.6	8038.1	8566.8	9145.3	9233.6	9185.2	9612.2	10757.2	11451.2	11142.1
66°	7993.5	7783.7	8036.5	8640.0	9254.2	9303.9	9131.7	9469.8	10593.1	11292.8	10917.5
67°	7985.5	7737.6	8016.5	8700.4	9358.8	9346.9	9034.4	9278.1	10375.3	11110.4	10672.8
68°	7962.3	7656.4	7987.0	8749.7	9448.1	9352.4	8882.0	8966.4	10096.0	10883.0	10405.0
69°	7891.7	7445.2	7903.3	8775.4	9522.3	9322.7	8642.9	8477.1	9739.9	10606.6	10119.0
70°	7735.8	7087.7	7720.4	8777.4	9576.2	9251.3	8256.4	7786.9	9251.5	10277.4	9803.2
71°	7458.0	6544.6	7408.8	8744.9	9602.6	9114.3	7711.5	6987.3	8607.4	9877.1	9470.6
72°	7007.7	5877.7	6922.6	8665.7	9578.8	8914.7	7113.4	6273.7	7883.1	9433.4	9135.3
73°	6383.5	5193.3	6323.1	8539.0	9458.2	8614.0	6556.2	5631.3	7106.5	8889.0	8785.1
74°	5703.6	4507.8	5640.6	8296.8	9226.7	8256.4	6023.1	4899.2	6344.3	8257.5	8407.3
75°	4997.0	3649.9	4908.4	7910.7	8895.3	7881.9	5287.8	3768.8	5485.6	7552.5	7955.0
76°	4240.9	2747.8	4143.5	7452.3	8391.4	7478.3	4196.5	2350.8	4400.6	6810.4	7419.4
77°	3387.8	2151.2	3343.0	6917.6	7626.4	6937.0	2970.0	1099.2	3038.4	5958.0	6673.8
78°	2828.2	2255.9	2869.1	6229.6	6584.5	6079.7	1743.4	802.9	1650.8	4928.6	5633.7
79°	2925.1	2845.1	3085.3	5335.3	5432.8	4774.7	519.9	536.6	733.9	3738.8	4410.2
80°	3515.4	3247.3	3656.5	4412.2	4302.0	3373.3	338.9	270.4	521.5	2356.8	3054.0
81°	3719.9	2518.5	3646.8	3599.7	3342.1	1971.8	278.8	232.2	311.0	1122.9	1689.8
82°	2813.3	1789.5	2736.9	3264.9	2659.9	597.7	239.2	202.3	257.4	819.9	1219.1
83°	1906.8	1063.4	1826.9	2573.2	1977.7	401.2	199.6	173.2	217.9	531.9	773.1
84°	1004.3	567.5	921.7	1881.6	1298.5	329.1	160.2	143.9	180.8	243.8	327.1
85°	530.8	342.2	513.4	1190.0	756.0	267.9	127.7	113.1	140.9	182.3	275.4
86°	425.1	119.8	411.3	662.1	532.3	206.7	98.3	84.9	105.7	139.2	221.8
87°	319.5	80.8	309.2	530.0	308.6	145.6	71.1	56.9	75.8	101.9	157.5
88°	213.8	41.8	207.1	398.0	86.9	110.5	49.1	28.8	46.1	65.0	86.0
89°	108.2	3.7	104.9	265.9	45.9	75.4	27.0	9.6	16.3	49.4	64.8

REPORT NUMBER: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-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: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-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: P1445106
CATALOG NUMBER: XAS300-SFPM (5000K-300W-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: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T4)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6136.9	6136.9	6136.9
1°	6210.1	6221.5	6225.9
2°	6302.2	6323.0	6329.1
3°	6405.4	6436.4	6446.0
4°	6519.1	6562.8	6576.9
5°	6642.7	6702.3	6721.3
6°	6778.9	6855.8	6881.3
7°	6926.2	7022.3	7054.0
8°	7083.2	7199.9	7238.0
9°	7254.1	7394.5	7441.7
10°	7438.7	7608.0	7661.8
11°	7637.5	7835.9	7900.1
12°	7849.4	8078.0	8156.2
13°	8079.9	8340.8	8432.7
14°	8316.4	8616.4	8724.2
15°	8564.6	8903.5	9027.6
16°	8827.1	9202.9	9339.8
17°	9098.5	9500.9	9647.7
18°	9367.2	9803.2	9952.0
19°	9627.6	10089.2	10248.6
20°	9881.9	10364.7	10537.5
21°	10128.6	10624.8	10808.1
22°	10363.7	10874.3	11064.4
23°	10588.3	11121.0	11301.4
24°	10808.1	11358.1	11530.8
25°	11026.9	11586.5	11749.7
26°	11243.9	11794.8	11934.9
27°	11454.0	11978.1	12104.8
28°	11642.2	12137.4	12257.4
29°	11820.7	12302.5	12420.5
30°	12001.1	12483.9	12614.4
31°	12180.6	12651.9	12776.6
32°	12349.5	12774.7	12897.6
33°	12471.4	12835.2	12944.6
34°	12535.7	12823.7	12917.7
35°	12536.7	12747.8	12825.6
36°	12494.5	12631.7	12703.7
37°	12415.7	12518.4	12601.0
38°	12344.7	12443.6	12553.0
39°	12309.2	12410.9	12535.7
40°	12296.7	12394.6	12530.0
41°	12293.9	12387.0	12525.2
42°	12293.9	12378.3	12510.8
43°	12294.8	12367.8	12482.9
44°	12294.8	12349.5	12438.8

REPORT NUMBER: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T4)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	12291.9	12317.9	12380.2
46°	12286.2	12275.6	12308.3
47°	12273.7	12228.6	12230.5
48°	12255.5	12177.7	12148.0
49°	12223.8	12124.9	12062.5
50°	12185.4	12074.1	11970.4
51°	12136.5	12014.6	11865.8
52°	12079.8	11940.7	11748.7
53°	12020.3	11852.4	11619.1
54°	11958.9	11739.1	11473.2
55°	11888.8	11606.7	11311.0
56°	11804.4	11454.0	11126.8
57°	11699.8	11276.5	10918.5
58°	11571.1	11072.1	10687.2
59°	11429.1	10839.8	10440.5
60°	11265.9	10586.4	10144.9
61°	11075.9	10297.5	9778.3
62°	10868.6	9951.0	9341.9
63°	10649.7	9546.7	8852.3
64°	10406.9	9105.5	8367.6
65°	10135.3	8694.1	7946.8
66°	9842.6	8339.8	7612.8
67°	9552.7	8038.7	7399.1
68°	9264.8	7810.9	7289.5
69°	9014.7	7633.4	7194.4
70°	8795.4	7476.9	6925.4
71°	8568.5	7225.2	6391.1
72°	8309.5	6780.2	5678.6
73°	8063.9	6163.7	4965.3
74°	7751.2	5455.6	4305.2
75°	7286.5	4687.4	3345.6
76°	6671.6	3751.7	2046.2
77°	5960.9	2511.1	905.6
78°	5052.7	1261.6	680.6
79°	3795.1	911.3	471.3
80°	2204.1	594.3	262.0
81°	1054.0	277.4	228.5
82°	786.2	230.3	201.1
83°	525.1	200.9	174.4
84°	264.0	168.4	147.7
85°	192.7	135.2	120.1
86°	144.8	105.1	90.1
87°	106.2	77.7	65.2
88°	85.2	50.4	40.6
89°	64.8	23.1	15.9

REPORT NUMBER: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-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: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-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: P1445106

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T4)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)