

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: P1436789

Luminaire Tested: XAS300-SFPM (3000K-300W-T3)

Issue Date: 3/25/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1436789  
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 (3000K-300W-T3)  
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.  
LUMEN OUTPUT - 100% (300W)  
OPTICS - TYPE 3  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

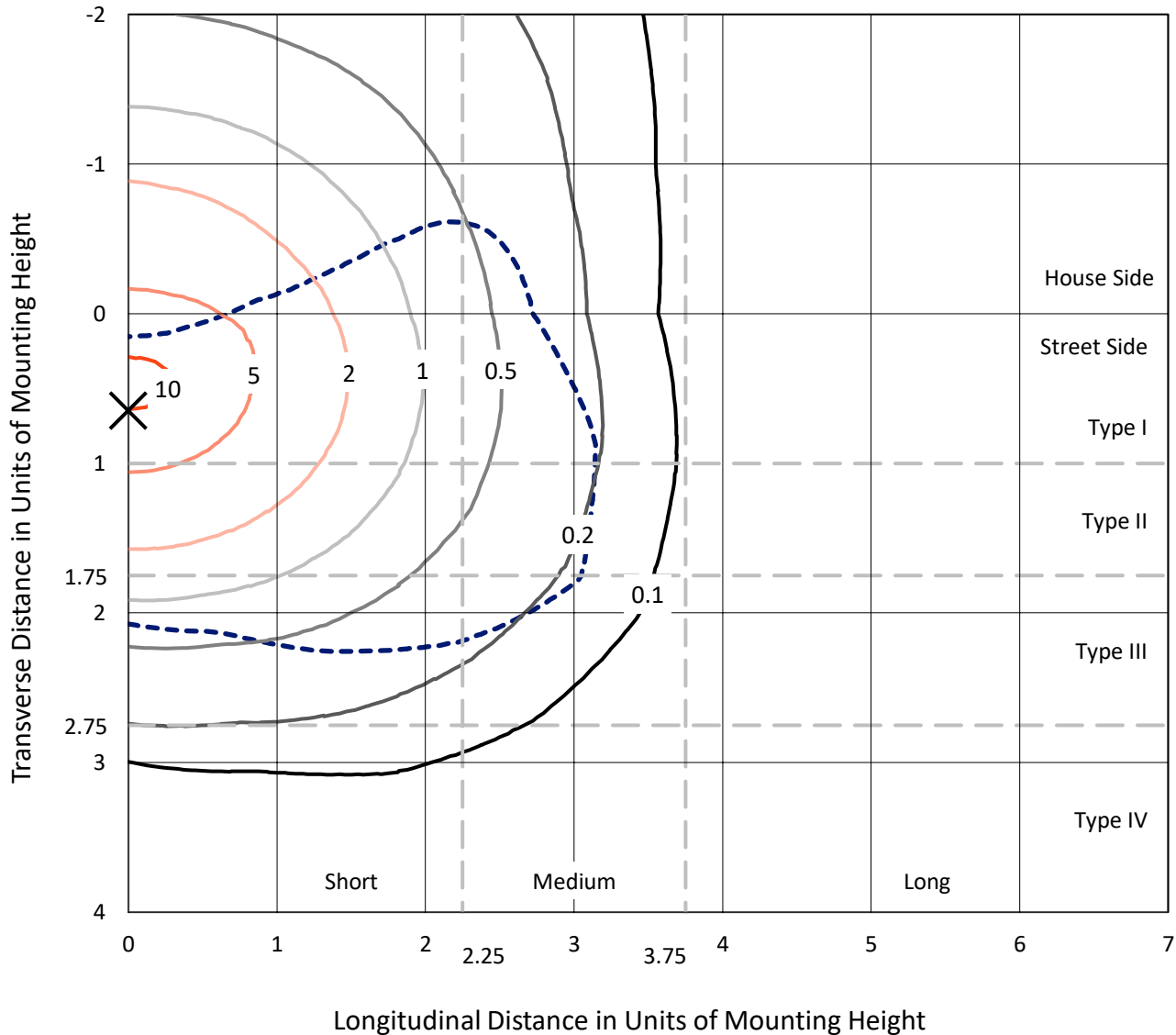
Lumens per Lamp: 45292 (1 lamp)  
Luminaire Lumens: 40641.9 lumens  
Efficiency: 89.7%  
Efficacy: 136.3 lumens/watt  
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B5 - U0 - G5

Input Watts (W): 298.1  
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

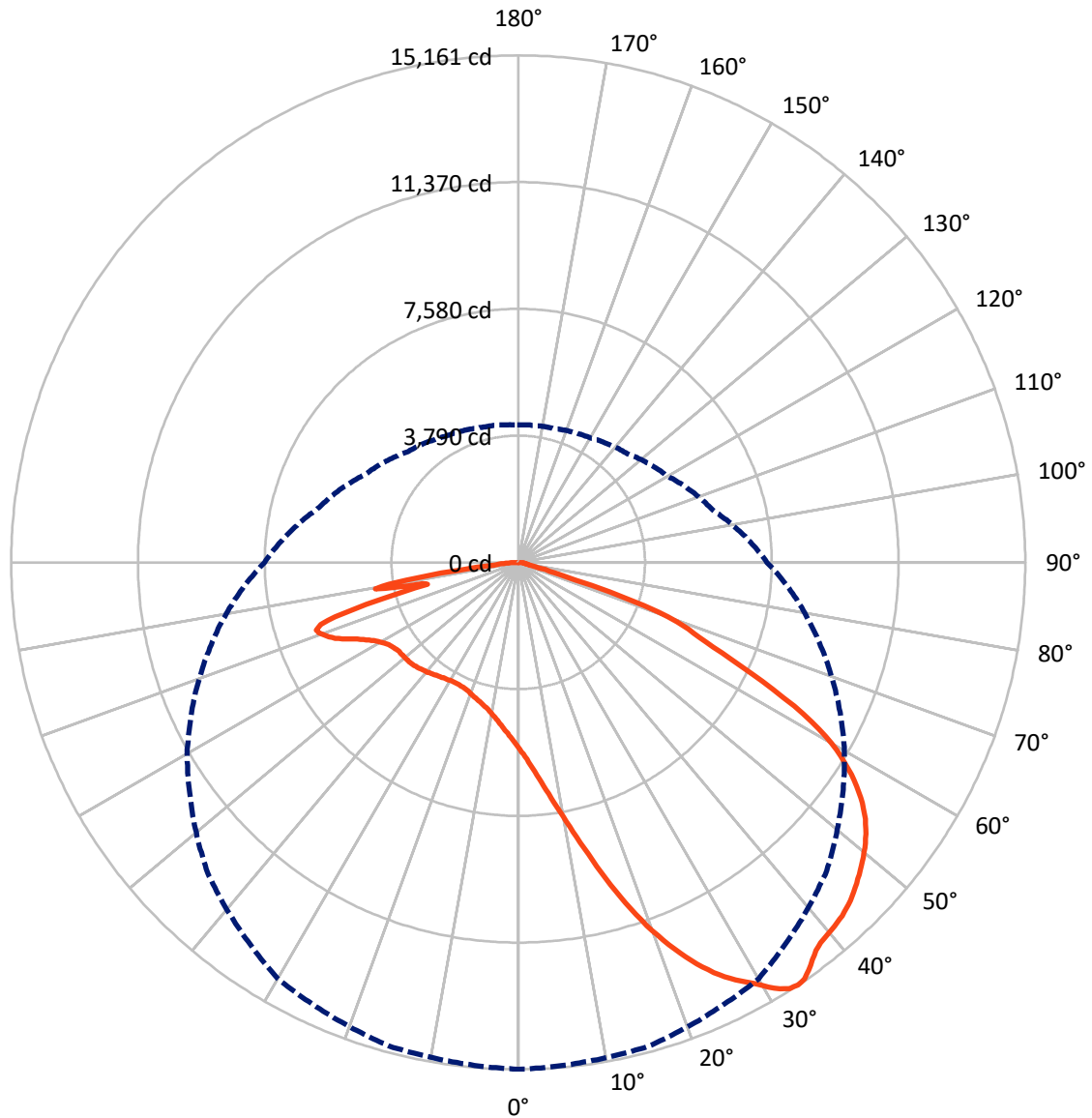
✕ Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 11.1 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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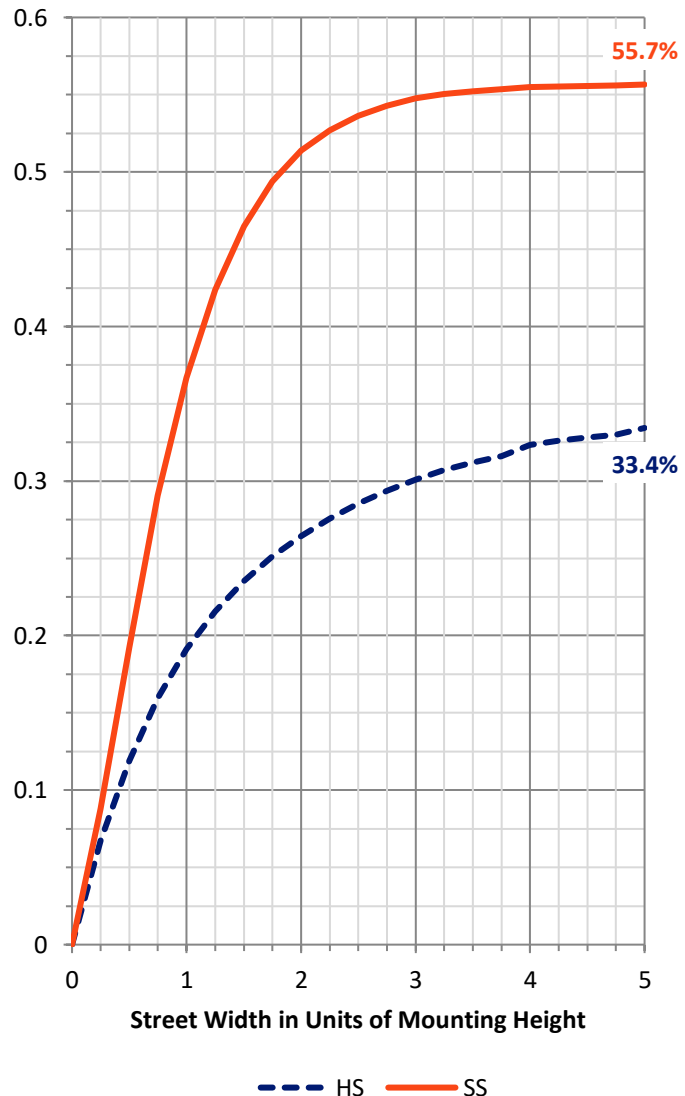
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	15411.4	0.0	15411.4
	% Lamp	34.0	0.0	34.0
<b>Street Side</b>	Lumens	25230.5	0.0	25230.5
	% Lamp	55.7	0.0	55.7
<b>Total</b>	Lumens	40641.9	0.0	40641.9
	% Lamp	89.7	0.0	89.7

**ZONAL LUMENS:**

Zone	Lumens	% Fixture	% Lamp
0°-10°	554.6	1.4	1.2
10°-20°	1885.0	4.6	4.2
20°-30°	3650.4	9.0	8.1
30°-40°	5519.2	13.6	12.2
40°-50°	6966.0	17.1	15.4
50°-60°	8035.3	19.8	17.7
60°-70°	8010.1	19.7	17.7
70°-80°	5223.6	12.9	11.5
80°-90°	797.6	2.0	1.8
90°-100°	0.0	0.0	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	40641.9	100.0	89.7
0°-180°	40641.9	100.0	89.7

**Coefficient of Utilization**



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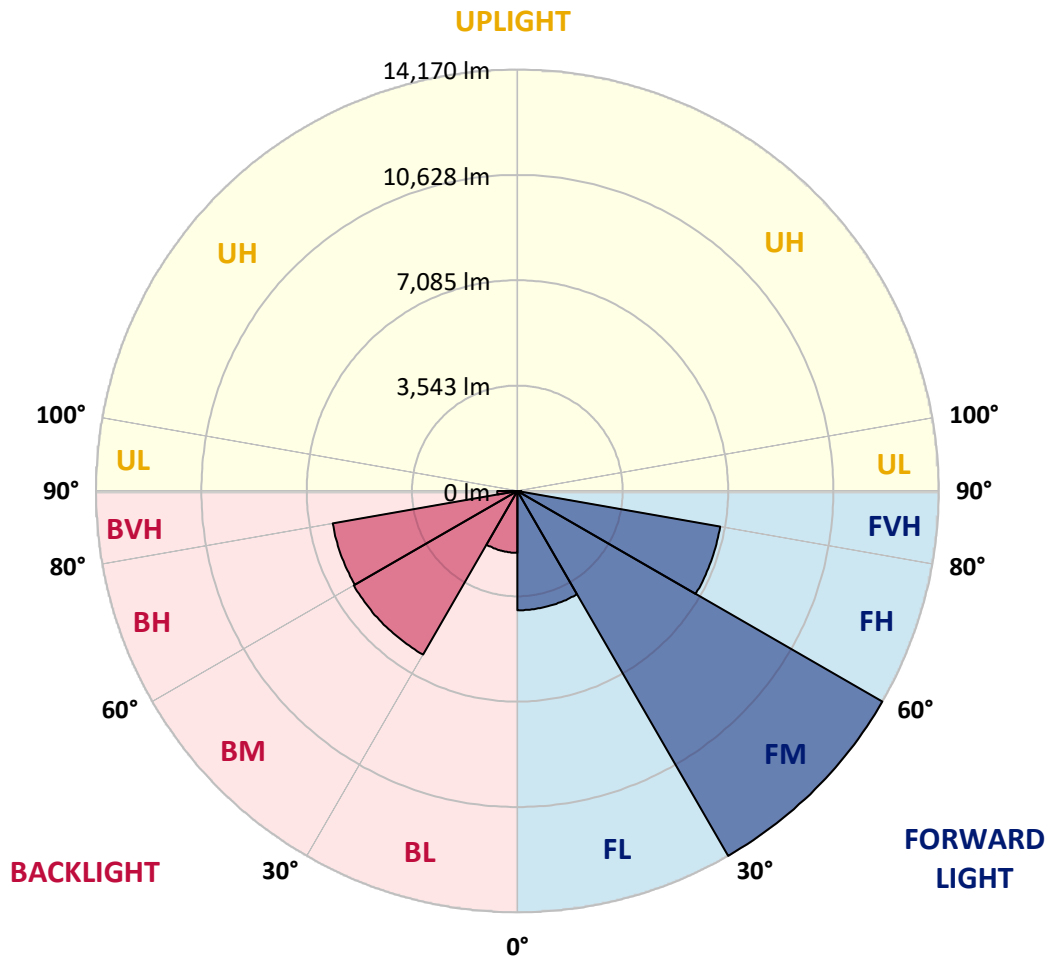
CATALOG NUMBER: XAS300-SFPM (3000K-300W-T3)

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Lamp	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4010.7	8.9			
FM (30°-60°)	14170.2	31.3			
FH (60°-80°)	6926.8	15.3			G3/7500
FVH (80°-90°)	122.7	0.3			G2/225
BL (0°-30°)	2079.3	4.6	B3/2500		
BM (30°-60°)	6350.3	14.0	B4/8500		
BH (60°-80°)	6306.9	13.9	B5		G5
BVH (80°-90°)	674.8	1.5			G4/750
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	
Trapped Light	4650.1	10.3			

**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°	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5
1°	5736.0	5734.2	5720.9	5701.8	5674.7	5642.6	5579.4	5543.8	5513.6	5488.0	5470.0
2°	5896.1	5888.2	5858.0	5809.1	5748.4	5680.4	5580.5	5509.9	5448.7	5397.8	5362.0
3°	6074.2	6056.5	6005.1	5926.8	5830.0	5723.6	5585.7	5481.7	5390.4	5316.3	5262.9
4°	6273.3	6244.3	6171.0	6060.5	5921.9	5774.4	5597.2	5458.7	5340.0	5242.8	5175.5
5°	6488.5	6452.5	6351.7	6201.3	6024.7	5833.1	5615.5	5442.5	5293.7	5177.5	5094.8
6°	6727.9	6681.3	6552.7	6361.2	6134.9	5894.8	5635.6	5428.8	5253.8	5117.6	5015.2
7°	6983.8	6931.1	6771.7	6533.2	6252.6	5961.7	5658.3	5418.1	5217.1	5057.3	4938.6
8°	7260.3	7190.7	7003.6	6719.2	6379.9	6034.2	5686.6	5411.2	5183.6	5000.3	4869.4
9°	7558.3	7477.3	7256.8	6917.0	6515.7	6113.7	5719.5	5406.5	5149.6	4948.0	4804.1
10°	7877.8	7782.2	7520.2	7131.1	6662.6	6198.9	5756.0	5405.0	5119.0	4901.4	4744.3
11°	8224.4	8111.9	7808.7	7357.8	6816.8	6290.1	5794.6	5405.9	5089.3	4856.8	4689.4
12°	8584.5	8456.8	8112.5	7594.5	6982.6	6387.4	5838.3	5411.0	5064.7	4815.7	4641.0
13°	8977.9	8834.1	8431.0	7845.2	7158.3	6490.1	5887.9	5418.5	5043.1	4777.4	4596.3
14°	9392.4	9227.3	8770.7	8110.5	7344.0	6600.0	5944.4	5429.7	5023.1	4743.1	4556.7
15°	9816.9	9631.1	9118.7	8384.0	7533.8	6713.0	6003.0	5445.2	5008.2	4712.2	4522.6
16°	10249.4	10040.3	9475.9	8668.9	7734.5	6833.0	6065.8	5464.2	4996.6	4684.5	4489.3
17°	10682.8	10451.3	9835.7	8954.4	7942.6	6962.6	6131.8	5485.0	4986.7	4660.7	4461.3
18°	11108.1	10861.4	10198.2	9245.3	8156.2	7095.4	6202.0	5510.4	4980.0	4641.0	4436.2
19°	11523.6	11258.9	10551.8	9535.1	8366.7	7230.9	6274.9	5539.4	4979.4	4623.5	4415.0
20°	11920.2	11646.5	10896.4	9818.7	8581.5	7369.0	6350.5	5570.8	4981.2	4611.1	4397.3
21°	12298.9	12018.9	11231.1	10101.3	8797.1	7511.7	6426.8	5603.8	4985.2	4601.3	4380.1
22°	12643.5	12363.5	11545.1	10375.0	9010.2	7653.8	6504.5	5638.8	4993.7	4593.5	4365.1
23°	12980.0	12700.9	11852.0	10642.4	9229.1	7801.5	6581.2	5673.1	5002.8	4588.8	4354.5
24°	13291.4	13015.0	12150.9	10899.1	9436.4	7943.8	6657.9	5707.0	5013.7	4585.6	4343.9
25°	13589.3	13321.0	12439.8	11152.1	9640.1	8087.8	6735.0	5738.5	5026.6	4584.9	4334.8
26°	13845.9	13591.1	12720.7	11398.0	9842.9	8237.8	6812.5	5771.9	5041.4	4584.1	4325.6
27°	14071.2	13831.6	12989.0	11634.0	10048.4	8388.7	6891.2	5805.3	5055.7	4584.1	4317.5
28°	14274.0	14044.2	13233.9	11872.7	10244.0	8536.8	6973.3	5837.4	5069.4	4585.3	4310.4
29°	14487.5	14248.8	13463.7	12104.2	10436.0	8693.6	7058.9	5871.6	5083.3	4585.6	4306.2
30°	14745.1	14492.9	13698.8	12338.4	10627.2	8854.5	7148.6	5908.1	5099.3	4586.5	4304.4
31°	14955.9	14719.0	13947.3	12578.0	10826.4	9012.0	7241.5	5945.7	5116.9	4589.9	4303.2
32°	15109.4	14893.1	14180.6	12814.0	11037.3	9168.1	7338.0	5986.8	5135.9	4595.9	4302.6
33°	15160.5	14988.2	14375.4	13041.0	11262.5	9324.2	7437.1	6025.9	5154.2	4601.6	4301.5
34°	15110.3	14970.3	14495.6	13251.9	11482.3	9501.9	7539.4	6073.3	5172.0	4609.4	4301.5
35°	14968.5	14852.7	14509.1	13410.7	11665.4	9688.6	7645.0	6123.6	5192.8	4619.8	4305.3
36°	14784.5	14698.4	14433.7	13502.2	11827.8	9873.4	7753.0	6176.6	5218.1	4633.0	4316.2
37°	14623.0	14518.9	14313.4	13514.8	11946.3	10025.1	7863.6	6224.6	5245.2	4651.5	4334.6
38°	14532.4	14397.8	14188.7	13467.2	12026.1	10156.1	7976.7	6272.5	5273.8	4676.9	4361.2
39°	14479.4	14333.2	14092.7	13408.0	12055.7	10259.3	8091.1	6323.8	5304.8	4708.9	4390.9
40°	14438.2	14290.1	14040.6	13367.6	12045.9	10327.5	8188.8	6378.5	5339.1	4746.0	4424.2
41°	14391.5	14255.1	14011.0	13344.3	12043.2	10363.4	8265.8	6441.4	5378.2	4787.3	4457.4
42°	14333.2	14216.5	13989.5	13343.4	12059.3	10394.8	8322.3	6495.5	5419.7	4830.3	4488.2
43°	14260.5	14172.6	13964.4	13360.5	12085.3	10435.1	8362.6	6538.4	5467.9	4877.2	4515.5
44°	14172.6	14118.7	13933.9	13380.2	12118.5	10496.2	8401.1	6577.4	5517.2	4923.4	4540.6

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CATALOG NUMBER: XAS300-SFPM (3000K-300W-T3)

**CANDELA DISTRIBUTION (continued):**

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	14064.9	14049.6	13895.3	13393.7	12164.3	10562.6	8446.9	6621.3	5566.6	4970.5	4562.5
46°	13945.5	13967.1	13846.8	13399.0	12214.6	10629.0	8500.4	6667.9	5616.0	5016.4	4581.4
47°	13820.8	13875.5	13786.7	13395.5	12270.2	10697.2	8555.3	6721.5	5664.0	5059.1	4599.4
48°	13693.4	13780.4	13719.4	13380.2	12319.6	10762.7	8610.2	6779.5	5714.9	5100.6	4617.5
49°	13564.2	13675.4	13635.0	13356.0	12363.5	10827.3	8662.8	6842.0	5767.9	5139.9	4640.4
50°	13426.0	13566.0	13543.5	13321.0	12397.6	10887.4	8713.5	6911.5	5820.4	5175.4	4665.5
51°	13273.4	13442.1	13440.3	13277.9	12428.1	10941.2	8758.2	6981.3	5872.5	5212.9	4695.8
52°	13100.2	13297.6	13324.6	13224.1	12453.3	10989.7	8797.9	7048.2	5923.6	5251.5	4730.1
53°	12907.3	13134.3	13204.3	13164.8	12465.8	11029.2	8833.1	7115.6	5982.6	5294.2	4772.7
54°	12680.3	12937.8	13073.3	13091.3	12468.5	11061.5	8863.9	7179.5	6047.6	5341.2	4819.3
55°	12431.7	12705.4	12927.0	13002.4	12463.1	11085.7	8891.4	7241.2	6112.9	5395.4	4871.3
56°	12141.0	12439.8	12757.5	12899.2	12444.3	11101.0	8916.7	7303.7	6181.1	5455.5	4924.6
57°	11813.5	12139.2	12560.9	12780.8	12412.0	11107.2	8934.8	7363.6	6256.7	5523.3	4982.2
58°	11441.1	11796.4	12333.9	12644.4	12359.9	11102.8	8944.3	7418.5	6336.0	5597.2	5048.6
59°	11045.3	11418.6	12081.8	12494.5	12291.7	11085.7	8946.3	7464.5	6418.5	5676.5	5119.0
60°	10570.6	11000.5	11799.1	12324.0	12203.8	11052.5	8939.0	7509.8	6500.9	5761.4	5195.9
61°	9988.3	10521.3	11481.4	12126.6	12092.5	10996.9	8917.7	7548.9	6590.9	5854.8	5280.1
62°	9298.2	9944.3	11126.1	11897.8	11966.0	10917.9	8881.0	7578.4	6683.6	5956.6	5372.1
63°	8517.1	9299.1	10715.1	11640.3	11817.9	10828.2	8842.5	7598.4	6776.0	6066.4	5467.0
64°	7725.5	8600.8	10262.9	11351.3	11644.8	10716.9	8789.0	7606.6	6861.6	6187.1	5570.9
65°	6985.0	7902.6	9749.6	11025.6	11452.7	10582.3	8714.8	7603.0	6944.5	6317.8	5693.5
66°	6354.9	7236.0	9209.4	10655.9	11231.1	10430.7	8610.3	7588.3	7013.7	6454.3	5842.7
67°	5862.3	6622.4	8663.5	10239.5	10965.5	10234.1	8464.9	7541.0	7083.2	6600.0	6012.9
68°	5469.3	6088.5	8105.2	9777.4	10665.8	9980.2	8253.9	7456.0	7143.1	6756.3	6205.5
69°	5070.4	5632.9	7549.8	9272.2	10308.6	9670.6	7941.9	7297.4	7194.0	6921.7	6424.1
70°	4445.6	5172.4	6997.3	8738.3	9889.6	9286.5	7476.5	7020.9	7223.7	7096.1	6664.0
71°	3469.3	4570.1	6464.2	8197.4	9419.4	8791.3	6843.5	6615.4	7206.7	7281.7	6921.3
72°	2304.2	3730.4	5921.1	7659.9	8890.4	8209.7	6147.7	6123.2	7126.6	7467.4	7161.7
73°	1292.4	2704.6	5335.3	7122.1	8318.7	7510.9	5458.1	5635.6	6966.8	7660.0	7418.3
74°	980.7	1692.1	4675.7	6566.1	7669.0	6721.6	4804.4	5239.9	6747.9	7828.9	7680.9
75°	675.7	950.0	3942.8	5947.0	6970.3	5833.1	4057.1	4881.3	6498.2	7932.5	7887.3
76°	370.8	741.2	3118.2	5257.9	6183.0	4901.9	3001.1	4328.0	6303.3	7929.5	8011.4
77°	312.5	545.0	2328.4	4377.3	5292.6	3818.4	1945.1	3416.8	6145.6	7795.0	7971.0
78°	272.4	348.7	1711.5	3309.0	4295.9	2615.6	899.5	2436.5	5946.3	7484.0	7628.2
79°	243.9	294.5	1234.1	2123.7	3240.3	1496.0	395.8	1456.2	5432.6	6924.8	6807.2
80°	219.1	255.8	869.2	1138.5	2243.2	761.6	277.9	491.7	4371.8	6009.5	5881.7
81°	195.7	222.5	615.4	868.4	1289.9	524.6	240.2	319.6	3105.2	4873.7	5107.0
82°	173.4	194.0	364.7	614.0	933.8	298.3	211.3	259.6	1838.6	3717.8	4574.3
83°	150.3	170.1	294.3	359.6	590.5	242.8	182.3	214.4	599.5	2813.6	4281.7
84°	127.5	144.2	242.2	308.0	247.3	203.3	153.3	169.4	398.2	2159.7	3243.7
85°	104.1	119.3	181.5	264.1	191.3	165.5	126.2	134.4	325.5	1505.7	2205.6
86°	80.2	94.9	127.5	220.1	148.2	126.0	99.0	103.7	262.6	852.5	1168.4
87°	56.3	71.5	94.9	169.4	110.0	90.7	71.4	77.0	199.7	588.6	631.3
88°	32.4	48.2	66.1	111.9	76.4	63.1	45.4	53.3	137.4	324.8	473.4
89°	15.1	24.8	37.2	59.5	42.9	35.8	31.8	37.1	93.0	64.7	315.6



REPORT NUMBER: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-300W-T3)

**CANDELA DISTRIBUTION (continued):**

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5	5592.5
1°	5461.3	5461.4	5470.8	5489.2	5515.1	5547.6	5581.7	5591.0	5625.2	5659.7	5688.9
2°	5341.7	5338.6	5353.4	5385.9	5433.6	5492.9	5560.1	5603.0	5673.8	5743.9	5803.8
3°	5233.9	5228.1	5246.7	5289.3	5356.3	5441.4	5541.1	5619.5	5728.0	5835.7	5929.6
4°	5137.3	5128.2	5150.8	5203.3	5286.2	5395.0	5523.6	5637.8	5785.0	5934.8	6069.7
5°	5043.8	5033.1	5060.1	5121.8	5220.7	5348.9	5509.0	5659.2	5845.7	6040.9	6217.2
6°	4954.7	4939.1	4969.4	5042.7	5157.8	5308.8	5498.3	5686.0	5911.5	6151.7	6376.8
7°	4868.5	4850.6	4884.5	4966.0	5095.7	5271.6	5488.4	5713.5	5983.6	6272.2	6548.6
8°	4790.3	4768.8	4805.3	4897.6	5037.0	5233.7	5480.8	5743.2	6058.2	6401.5	6729.9
9°	4715.3	4690.7	4730.5	4829.4	4983.6	5196.8	5475.6	5776.2	6137.6	6537.7	6927.3
10°	4647.0	4620.5	4661.2	4765.9	4933.5	5163.7	5474.8	5813.9	6224.9	6682.0	7136.9
11°	4585.3	4555.9	4598.9	4708.8	4887.2	5136.3	5477.9	5858.4	6320.9	6838.3	7360.1
12°	4532.8	4497.9	4540.6	4656.5	4844.2	5113.4	5485.7	5907.4	6422.6	7003.4	7597.3
13°	4484.6	4445.1	4491.2	4608.1	4804.5	5094.1	5496.9	5958.4	6528.4	7182.1	7849.9
14°	4439.0	4397.7	4444.6	4567.7	4768.9	5077.7	5510.1	6012.3	6639.0	7367.4	8117.6
15°	4400.2	4355.7	4402.1	4530.1	4739.2	5064.7	5525.8	6071.9	6753.5	7561.1	8392.0
16°	4363.8	4317.3	4365.1	4495.7	4714.7	5054.0	5545.8	6137.1	6875.0	7762.8	8680.8
17°	4330.7	4283.4	4332.6	4467.9	4695.2	5049.1	5571.5	6203.9	7004.3	7974.9	8974.3
18°	4301.7	4251.4	4304.1	4442.5	4677.6	5048.1	5599.8	6275.5	7136.1	8187.9	9275.8
19°	4274.4	4218.6	4277.5	4423.8	4663.4	5051.6	5632.5	6351.1	7272.6	8405.8	9571.9
20°	4246.0	4185.2	4252.8	4408.4	4653.1	5059.5	5667.6	6427.9	7410.9	8628.7	9863.5
21°	4217.1	4155.6	4228.8	4397.1	4647.3	5072.3	5706.9	6507.0	7555.9	8853.3	10150.7
22°	4190.9	4127.3	4208.2	4387.8	4643.7	5086.0	5747.0	6585.2	7701.0	9077.5	10422.6
23°	4168.7	4104.0	4189.5	4380.4	4643.5	5101.6	5786.1	6664.9	7853.8	9300.0	10695.4
24°	4149.1	4085.8	4173.4	4373.9	4644.0	5120.0	5824.3	6743.2	8003.8	9519.9	10952.0
25°	4134.7	4072.4	4161.1	4370.9	4644.4	5138.1	5863.3	6824.8	8153.7	9733.4	11203.3
26°	4125.2	4063.6	4154.9	4367.9	4645.8	5156.5	5903.0	6905.0	8305.4	9938.9	11450.9
27°	4119.8	4059.3	4152.8	4364.4	4646.8	5174.0	5940.6	6989.5	8460.2	10149.8	11703.1
28°	4118.7	4060.2	4154.3	4360.4	4648.8	5192.0	5979.8	7077.0	8619.6	10354.4	11959.7
29°	4119.9	4064.6	4157.9	4358.4	4652.4	5207.6	6020.1	7169.8	8788.2	10559.9	12205.6
30°	4122.9	4071.4	4162.5	4356.2	4656.5	5223.8	6063.6	7266.6	8954.4	10775.2	12448.8
31°	4128.1	4081.6	4166.6	4354.5	4662.7	5239.6	6109.8	7369.4	9134.9	11001.4	12703.6
32°	4134.8	4095.0	4172.2	4352.4	4668.8	5255.0	6156.7	7476.5	9316.2	11223.0	12927.9
33°	4141.8	4110.4	4179.2	4352.2	4676.7	5272.3	6204.7	7590.0	9505.5	11433.0	13137.0
34°	4150.4	4125.2	4186.7	4354.0	4685.6	5289.3	6256.3	7707.0	9687.7	11623.2	13308.4
35°	4159.3	4143.6	4195.5	4359.4	4697.7	5311.3	6313.6	7823.1	9852.8	11793.7	13420.6
36°	4170.9	4164.5	4205.9	4371.7	4712.7	5334.6	6368.9	7929.0	10010.7	11920.2	13455.6
37°	4183.9	4184.9	4217.7	4394.2	4733.9	5360.5	6417.5	8034.5	10143.5	11987.5	13441.2
38°	4195.7	4207.6	4228.5	4422.5	4764.4	5388.3	6464.2	8137.9	10235.0	12007.3	13388.3
39°	4206.5	4232.2	4237.1	4456.5	4800.9	5417.9	6502.6	8219.7	10295.2	12007.3	13330.0
40°	4218.9	4258.7	4246.4	4491.5	4841.2	5448.5	6545.4	8283.2	10326.6	12005.5	13299.4
41°	4230.7	4278.0	4257.0	4522.0	4884.7	5483.4	6582.6	8337.6	10350.8	12018.9	13301.2
42°	4241.4	4300.0	4269.1	4552.5	4930.5	5521.1	6623.5	8386.5	10390.3	12044.1	13322.8
43°	4251.8	4322.2	4283.8	4578.8	4975.7	5562.4	6670.2	8437.6	10454.0	12080.0	13351.5
44°	4261.5	4344.5	4298.0	4605.7	5019.9	5609.1	6720.3	8491.1	10523.1	12129.3	13375.7



REPORT NUMBER: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-300W-T3)

**CANDELA DISTRIBUTION (continued):**

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	4272.3	4364.6	4312.2	4629.6	5064.3	5661.7	6769.3	8544.2	10590.4	12189.4	13391.9
46°	4283.2	4382.1	4326.3	4650.3	5104.7	5717.6	6819.0	8596.9	10652.3	12252.3	13394.6
47°	4298.6	4398.6	4343.6	4669.7	5144.1	5777.9	6875.7	8652.5	10712.4	12312.4	13386.5
48°	4320.0	4407.8	4365.9	4689.8	5179.4	5839.1	6941.8	8701.3	10775.2	12363.5	13367.6
49°	4344.2	4415.4	4392.5	4711.9	5214.7	5897.5	7008.9	8745.4	10837.1	12406.6	13340.7
50°	4369.5	4423.5	4422.5	4739.1	5249.4	5953.2	7077.3	8784.2	10894.6	12436.2	13303.9
51°	4398.0	4431.2	4455.5	4770.5	5285.8	6006.8	7146.2	8817.6	10943.0	12454.2	13260.9
52°	4431.4	4437.0	4490.6	4807.2	5326.4	6062.2	7214.9	8849.5	10981.6	12464.9	13207.9
53°	4469.7	4443.3	4529.0	4849.2	5371.3	6120.2	7281.9	8878.4	11010.3	12468.5	13144.2
54°	4512.4	4456.4	4570.2	4898.1	5422.7	6183.6	7344.1	8901.9	11027.4	12461.3	13069.7
55°	4560.2	4476.5	4616.4	4950.9	5480.5	6251.8	7399.3	8919.3	11034.6	12440.7	12984.5
56°	4613.3	4505.7	4669.1	5007.6	5545.5	6327.4	7453.9	8934.5	11029.2	12404.8	12878.6
57°	4672.0	4542.4	4726.1	5070.2	5619.1	6407.9	7501.5	8943.3	11013.0	12357.2	12748.5
58°	4734.5	4591.0	4790.3	5139.1	5701.6	6491.0	7544.3	8947.2	10987.0	12286.3	12593.2
59°	4807.3	4650.3	4858.2	5215.4	5790.7	6573.3	7583.9	8934.8	10946.6	12200.2	12422.7
60°	4880.5	4721.8	4930.2	5296.7	5886.3	6657.3	7615.8	8911.4	10885.6	12100.6	12237.0
61°	4956.4	4808.7	5010.1	5389.6	5991.2	6738.4	7637.3	8887.7	10812.9	11983.9	12034.2
62°	5039.1	4911.3	5102.8	5486.2	6103.4	6820.3	7647.8	8857.4	10726.8	11843.1	11808.1
63°	5144.7	5029.9	5216.6	5579.6	6221.9	6900.3	7653.7	8811.3	10617.3	11676.2	11546.9
64°	5268.7	5170.9	5345.8	5686.8	6353.0	6975.7	7644.4	8746.4	10487.2	11488.6	11234.7
65°	5409.8	5337.0	5490.7	5818.6	6489.4	7048.9	7618.3	8640.6	10326.6	11266.1	10878.4
66°	5572.2	5525.0	5654.9	5976.7	6631.7	7121.1	7572.5	8487.6	10114.8	11009.4	10481.8
67°	5761.9	5728.0	5843.9	6150.0	6778.6	7175.1	7484.9	8278.2	9847.4	10725.9	10057.4
68°	5964.3	5929.6	6049.1	6345.5	6935.0	7204.2	7343.5	7961.7	9527.0	10387.6	9596.1
69°	6163.5	6074.8	6237.7	6565.3	7097.8	7210.9	7102.6	7495.6	9153.7	9991.0	9099.9
70°	6342.8	6205.0	6406.0	6806.9	7268.8	7177.7	6702.1	6868.4	8677.8	9538.7	8560.6
71°	6509.5	6324.2	6565.6	7054.8	7444.0	7094.6	6181.4	6154.2	8077.8	9024.5	7999.2
72°	6659.1	6368.0	6701.8	7298.7	7620.0	6956.9	5683.6	5468.1	7395.7	8466.0	7434.8
73°	6721.0	6192.8	6751.7	7550.3	7770.5	6747.1	5302.5	4818.1	6594.1	7818.8	6852.6
74°	6584.7	5712.1	6567.2	7781.4	7841.1	6509.0	4969.0	4110.7	5740.3	7087.6	6248.4
75°	6170.0	4724.8	6075.1	7957.9	7828.9	6317.8	4425.9	3087.6	4798.2	6286.7	5584.5
76°	5423.1	3566.7	5303.1	8029.5	7694.9	6210.5	3474.9	1891.7	3760.4	5427.4	4827.8
77°	4391.9	2788.0	4320.8	7934.8	7428.1	6050.7	2465.4	878.6	2602.9	4465.2	3868.8
78°	3674.6	2947.5	3751.1	7466.7	6996.5	5538.5	1455.9	658.7	1483.1	3436.4	2640.5
79°	3838.9	3769.9	4070.2	6572.1	6320.6	4526.7	449.0	454.6	742.5	2453.7	1513.0
80°	4687.4	4345.1	4856.9	5570.2	5398.9	3196.8	318.5	250.6	514.8	1500.5	744.2
81°	4992.2	3923.3	4874.2	4676.2	4277.6	1866.8	258.7	215.2	300.0	762.0	564.0
82°	3941.2	2854.1	3599.1	4302.3	3211.3	557.0	219.7	186.9	245.4	503.8	388.4
83°	2850.6	1784.9	2393.9	3853.7	2444.5	396.7	180.6	159.4	208.2	260.1	334.1
84°	1759.9	727.1	1205.7	2849.2	1677.8	331.7	141.8	131.8	172.7	204.3	289.3
85°	687.7	582.1	655.6	1844.8	919.8	271.3	111.6	103.5	135.2	157.2	246.0
86°	483.8	437.1	454.8	855.6	640.4	210.5	84.6	77.7	99.4	118.6	199.6
87°	279.9	292.1	254.1	685.3	361.0	150.0	60.6	52.1	71.1	84.7	145.0
88°	81.3	147.1	55.2	515.0	86.1	113.7	42.0	26.4	42.9	68.4	79.8
89°	42.4	2.5	29.3	344.6	45.4	77.4	23.5	8.5	14.6	52.2	60.6



REPORT NUMBER: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-300W-T3)

**CANDELA DISTRIBUTION (continued):**

	330°	345°	360°
0°	5592.5	5592.5	5592.5
1°	5712.4	5729.8	5736.0
2°	5852.6	5884.7	5896.1
3°	6007.2	6058.5	6074.2
4°	6176.6	6249.5	6273.3
5°	6364.2	6458.8	6488.5
6°	6565.8	6690.1	6727.9
7°	6781.6	6934.4	6983.8
8°	7013.7	7195.9	7260.3
9°	7259.5	7483.3	7558.3
10°	7524.6	7789.4	7877.8
11°	7813.1	8120.0	8224.4
12°	8113.6	8462.6	8584.5
13°	8436.1	8838.1	8977.9
14°	8771.7	9226.4	9392.4
15°	9120.5	9624.8	9816.9
16°	9481.3	10044.8	10249.4
17°	9852.8	10466.5	10682.8
18°	10223.4	10880.2	11108.1
19°	10583.2	11277.7	11523.6
20°	10929.6	11661.8	11920.2
21°	11262.5	12024.3	12298.9
22°	11577.5	12361.7	12643.5
23°	11881.7	12699.1	12980.0
24°	12174.2	13021.3	13291.4
25°	12465.8	13333.5	13589.3
26°	12757.5	13607.2	13845.9
27°	13037.4	13850.4	14071.2
28°	13289.6	14064.0	14274.0
29°	13530.1	14276.6	14487.5
30°	13765.2	14518.0	14745.1
31°	14004.8	14738.8	14955.9
32°	14223.7	14897.6	15109.4
33°	14378.0	14969.4	15160.5
34°	14453.4	14944.3	15110.3
35°	14440.9	14824.9	14968.5
36°	14367.3	14658.0	14784.5
37°	14239.9	14488.4	14623.0
38°	14126.8	14378.9	14532.4
39°	14058.6	14317.9	14479.4
40°	14020.0	14282.0	14438.2
41°	13998.5	14251.5	14391.5
42°	13976.0	14219.2	14333.2
43°	13950.9	14177.0	14260.5
44°	13923.1	14125.0	14172.6



REPORT NUMBER: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-300W-T3)

**CANDELA DISTRIBUTION (continued):**

	330°	345°	360°
45°	13886.3	14053.2	14064.9
46°	13842.3	13966.2	13945.5
47°	13789.4	13868.4	13820.8
48°	13723.0	13763.4	13693.4
49°	13642.2	13659.3	13564.2
50°	13548.9	13549.8	13426.0
51°	13439.4	13434.9	13273.4
52°	13315.6	13293.2	13100.2
53°	13190.0	13124.5	12907.3
54°	13057.2	12922.6	12680.3
55°	12910.0	12685.7	12431.7
56°	12739.5	12422.7	12141.0
57°	12537.6	12123.9	11813.5
58°	12303.4	11774.0	11441.1
59°	12041.4	11390.8	11045.3
60°	11743.5	10971.7	10570.6
61°	11402.5	10491.7	9988.3
62°	11031.0	9926.4	9298.2
63°	10632.6	9280.3	8517.1
64°	10182.1	8562.8	7725.5
65°	9685.9	7872.1	6985.0
66°	9139.4	7222.5	6354.9
67°	8585.2	6623.5	5862.3
68°	8021.1	6099.3	5469.3
69°	7482.4	5620.9	5070.4
70°	6963.3	5153.1	4445.6
71°	6425.7	4563.2	3469.3
72°	5829.0	3721.0	2304.2
73°	5226.4	2698.3	1292.4
74°	4583.2	1733.7	980.7
75°	3778.1	1007.7	675.7
76°	2929.4	788.5	370.8
77°	2220.8	572.6	312.5
78°	1637.3	356.6	272.4
79°	1178.2	296.2	243.9
80°	899.0	255.4	219.1
81°	620.9	221.3	195.7
82°	342.6	193.9	173.4
83°	281.0	172.3	150.3
84°	226.0	145.6	127.5
85°	161.9	117.0	104.1
86°	118.5	92.1	80.2
87°	85.8	68.4	56.3
88°	55.7	44.6	32.4
89°	25.6	20.9	15.1



REPORT NUMBER: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1436789

CATALOG NUMBER: XAS300-SFPM (3000K-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: P1436789  
CATALOG NUMBER: XAS300-SFPM (3000K-300W-T3)

**CANDELA DISTRIBUTION (continued):**

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)