

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: P1445101

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

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445101
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA ()
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/5/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: XAS300-SFPM (5000K-240W-T4-HSS)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 80% (240W)
OPTICS - TYPE 4 WITH HOUSE SIDE SHIELD
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 38695 (1 lamp)
Luminaire Lumens: 32021.5 lumens
Efficiency: 82.8%
Efficacy: 132.0 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): 242.6
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

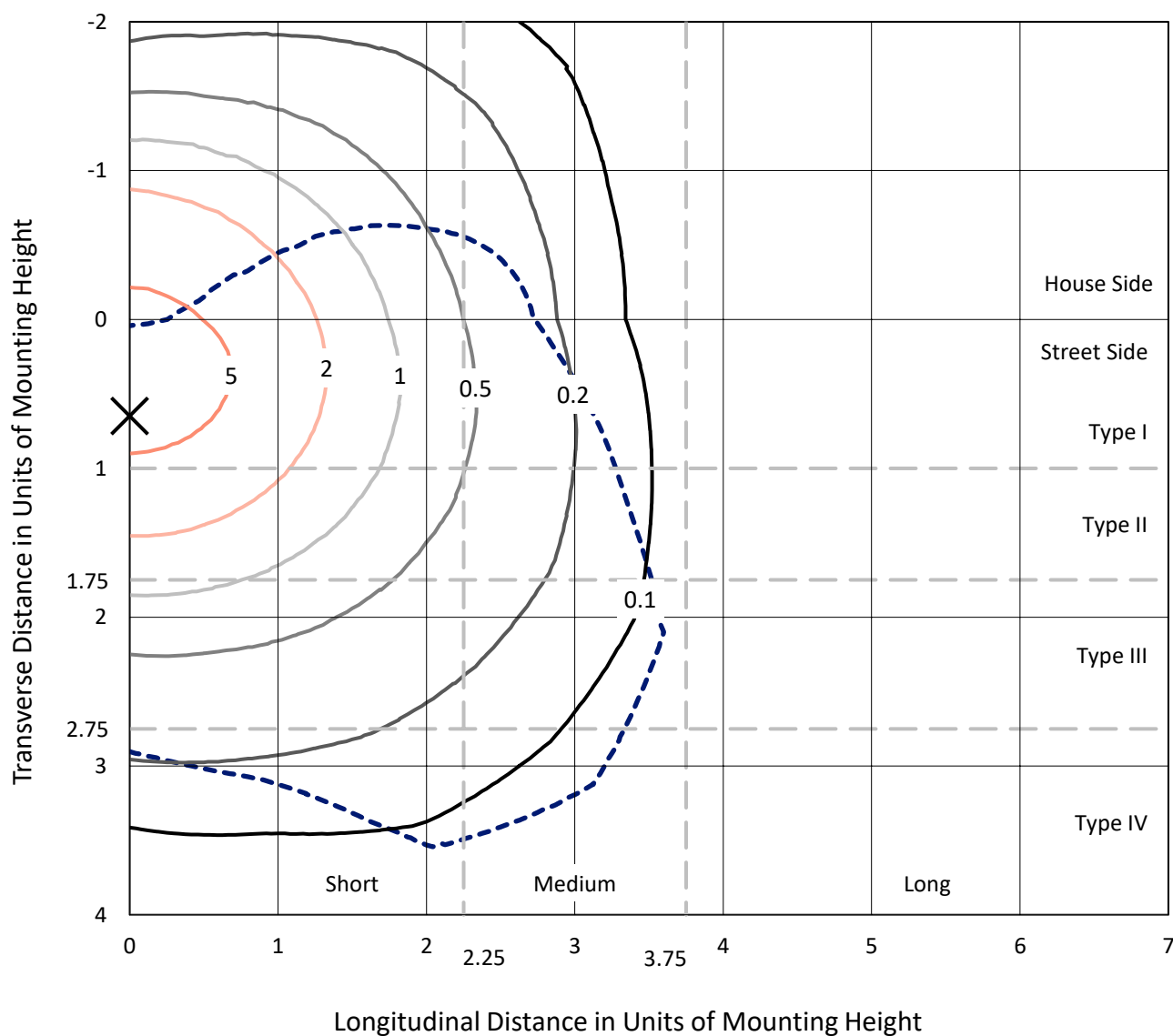
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

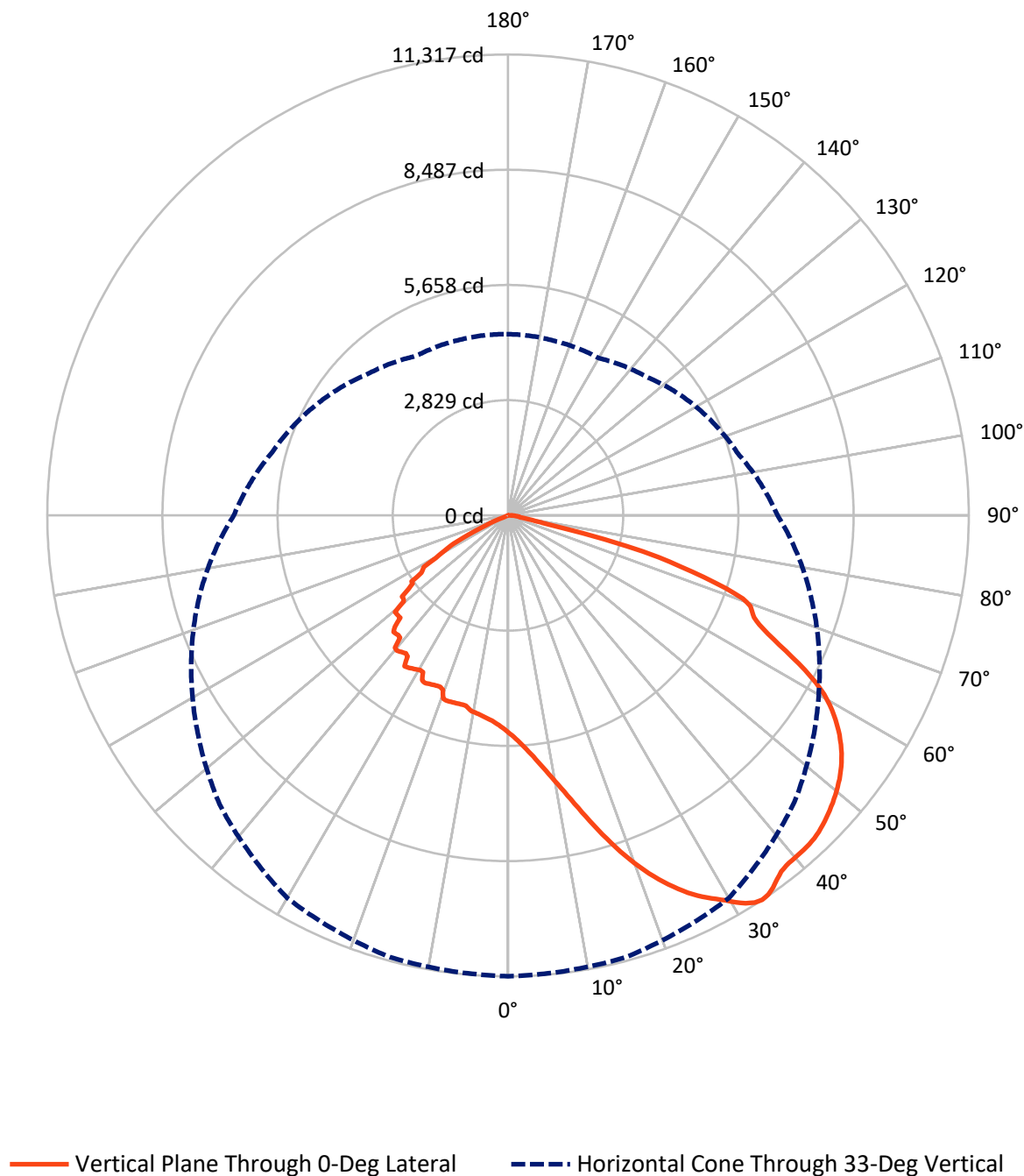


Based on 30 foot mounting height. Maximum calculated value = 8.5 fc
 Type IV - Short - Full Cutoff

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Luminous Intensity Polar Plot



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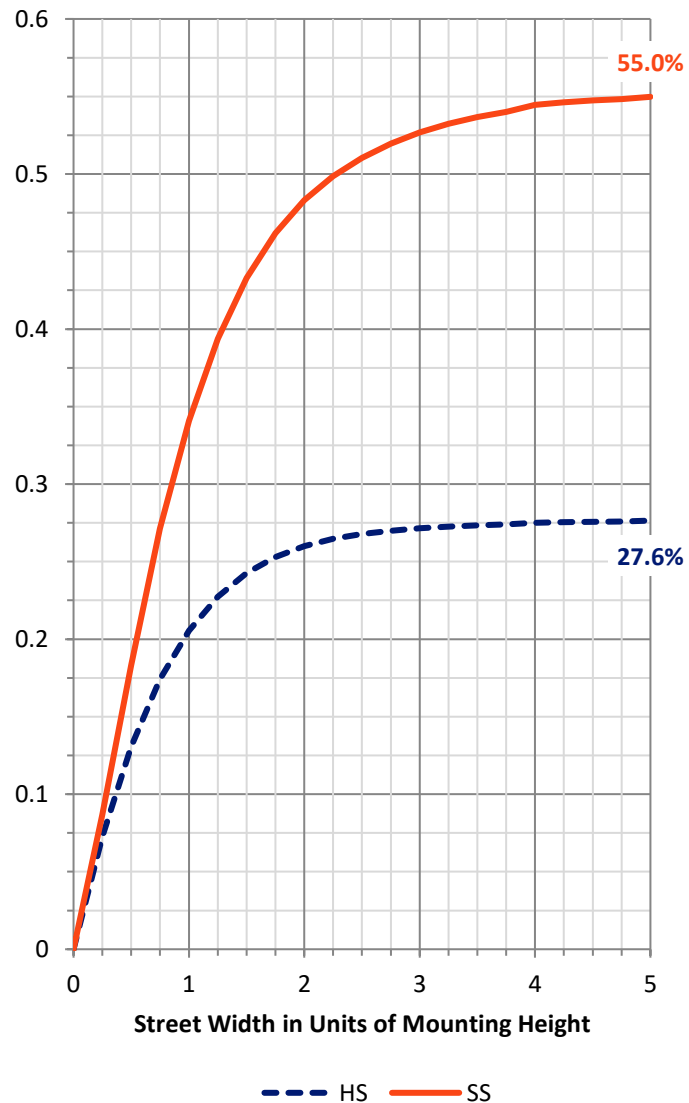
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10752.8	0.0	10752.8
	% Lamp	27.8	0.0	27.8
Street Side	Lumens	21268.7	0.0	21268.7
	% Lamp	55.0	0.0	55.0
Total	Lumens	32021.5	0.0	32021.5
	% Lamp	82.8	0.0	82.8

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	526.7	1.6	1.4
10°-20°	1726.0	5.4	4.5
20°-30°	3180.5	9.9	8.2
30°-40°	4638.2	14.5	12.0
40°-50°	5724.7	17.9	14.8
50°-60°	6393.7	20.0	16.5
60°-70°	5988.7	18.7	15.5
70°-80°	3551.4	11.1	9.2
80°-90°	291.6	0.9	0.8
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°	32021.5	100.0	82.8
0°-180°	32021.5	100.0	82.8

Coefficient of Utilization



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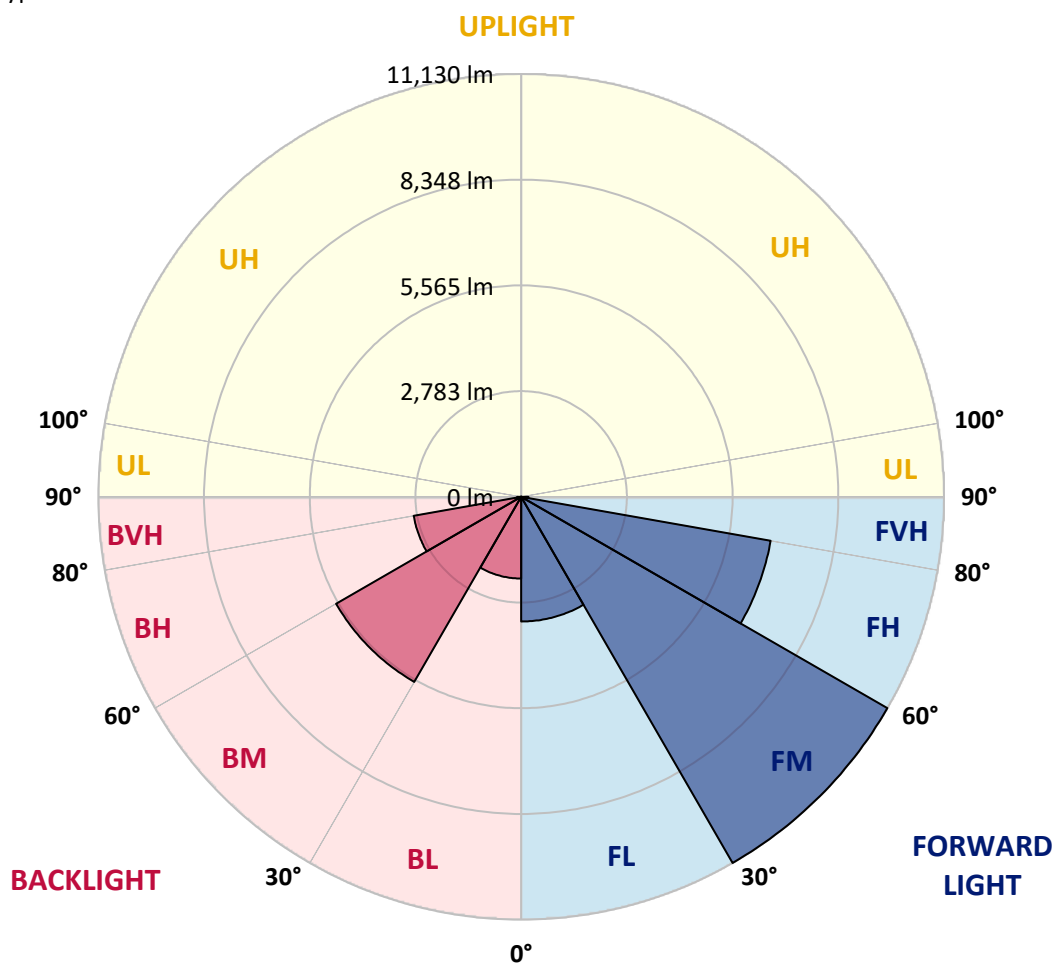
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4-HSS)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3281.8	8.5			
FM	(30°-60°)	11130.3	28.8			
FH	(60°-80°)	6667.4	17.2			G3/7500
FVH	(80°-90°)	189.2	0.5			G2/225
BL	(0°-30°)	2151.3	5.6	B3/2500		
BM	(30°-60°)	5626.3	14.5	B4/8500		
BH	(60°-80°)	2872.7	7.4	B4/5000		G4/5000
BVH	(80°-90°)	102.4	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		6673.5	17.2			

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°	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5
1°	5440.1	5440.5	5433.9	5423.5	5409.1	5389.1	5350.6	5330.4	5311.7	5297.8	5286.9
2°	5535.1	5531.5	5513.2	5485.9	5453.0	5412.6	5352.9	5312.7	5276.6	5247.4	5225.9
3°	5638.9	5631.3	5601.8	5558.3	5502.8	5440.7	5359.5	5299.7	5247.1	5203.5	5174.1
4°	5756.5	5742.8	5701.3	5639.4	5560.7	5476.0	5371.9	5292.1	5221.2	5165.8	5128.1
5°	5885.3	5866.2	5808.9	5726.5	5626.0	5516.5	5390.2	5289.7	5202.3	5134.6	5088.6
6°	6024.9	5999.8	5929.3	5824.7	5697.2	5559.6	5409.8	5290.8	5187.2	5107.4	5051.6
7°	6178.5	6149.0	6059.8	5931.3	5772.9	5605.4	5431.0	5292.8	5175.4	5083.8	5023.3
8°	6340.5	6304.5	6201.0	6045.3	5854.6	5656.0	5455.9	5297.7	5165.7	5065.6	5001.8
9°	6519.8	6474.8	6353.4	6167.3	5942.8	5711.1	5484.1	5304.0	5156.8	5054.3	4983.4
10°	6713.2	6660.6	6515.5	6297.9	6036.7	5769.3	5512.8	5311.7	5149.1	5045.3	4968.2
11°	6918.7	6857.8	6692.1	6439.7	6135.9	5832.0	5545.9	5322.6	5146.6	5038.2	4955.6
12°	7139.9	7069.4	6877.6	6588.2	6240.1	5898.1	5568.3	5324.0	5149.4	5032.7	4948.6
13°	7383.2	7298.1	7075.6	6747.2	6352.0	5953.6	5593.5	5326.8	5139.4	5029.2	4941.5
14°	7637.2	7538.3	7281.4	6912.0	6470.5	6013.9	5623.8	5330.9	5133.6	5029.9	4888.2
15°	7900.0	7791.1	7498.8	7080.9	6580.0	6078.1	5658.1	5342.9	5128.2	5019.0	4855.0
16°	8169.0	8042.1	7721.6	7258.9	6697.9	6149.4	5705.1	5364.5	5130.2	5001.5	4855.9
17°	8436.0	8301.1	7946.4	7440.8	6818.9	6228.4	5746.9	5380.3	5137.3	4960.6	4862.5
18°	8699.9	8553.5	8172.5	7626.1	6938.0	6313.9	5794.4	5403.1	5143.4	4936.3	4871.6
19°	8959.0	8800.9	8397.1	7807.4	7067.7	6395.2	5851.0	5437.4	5157.2	4935.8	4884.9
20°	9209.7	9044.2	8614.7	7970.9	7196.8	6481.9	5912.0	5475.0	5180.1	4939.9	4896.2
21°	9444.7	9276.7	8825.7	8147.9	7334.5	6577.7	5972.5	5505.2	5201.8	4947.5	4897.6
22°	9667.3	9496.9	9028.5	8307.7	7461.8	6679.7	6023.2	5516.6	5207.8	4967.3	4896.6
23°	9878.4	9711.2	9227.9	8464.9	7595.9	6784.0	6054.4	5537.1	5187.6	4986.2	4856.3
24°	10079.5	9913.1	9420.7	8621.3	7728.2	6877.9	6095.7	5574.2	5193.5	4995.4	4694.3
25°	10267.3	10110.9	9608.6	8778.6	7859.2	6963.0	6153.0	5596.0	5198.8	5005.3	4638.0
26°	10432.8	10283.9	9791.5	8928.3	7993.1	7035.8	6209.5	5619.0	5205.2	5021.5	4646.4
27°	10577.6	10441.1	9965.3	9074.8	8126.1	7119.2	6250.8	5657.3	5234.0	5023.7	4659.9
28°	10717.5	10582.6	10129.1	9218.8	8256.6	7217.5	6307.0	5696.4	5262.6	4928.3	4668.7
29°	10858.2	10725.8	10277.2	9353.7	8375.5	7323.1	6378.3	5728.2	5274.1	4837.6	4675.6
30°	11028.6	10888.8	10424.5	9492.7	8488.9	7414.5	6451.1	5747.1	5280.6	4794.4	4684.7
31°	11168.5	11038.6	10578.5	9644.2	8579.9	7504.1	6516.5	5773.3	5303.5	4785.3	4698.3
32°	11274.4	11156.9	10722.5	9802.2	8685.9	7597.6	6569.6	5812.4	5329.9	4790.7	4587.2
33°	11316.6	11225.6	10847.4	9951.2	8811.7	7701.5	6622.2	5848.7	5333.8	4809.5	4459.1
34°	11293.5	11218.2	10920.2	10087.7	8944.1	7812.2	6688.4	5870.8	5351.0	4830.9	4449.4
35°	11216.5	11154.4	10919.4	10189.5	9069.9	7925.0	6764.1	5903.8	5366.3	4845.8	4456.0
36°	11113.1	11061.7	10864.8	10254.1	9181.6	8029.5	6837.8	5944.2	5377.5	4849.6	4471.7
37°	11022.0	10957.5	10786.2	10265.7	9255.2	8109.6	6892.9	5974.2	5370.1	4844.6	4499.1
38°	10982.3	10891.3	10711.7	10243.3	9300.7	8183.6	6951.6	6001.7	5279.8	4721.9	4511.8
39°	10969.9	10859.8	10662.0	10212.7	9315.6	8248.1	7030.3	6027.6	5212.4	4654.8	4516.8
40°	10966.6	10843.3	10638.9	10193.7	9314.0	8294.4	7104.9	6054.7	5192.0	4685.0	4360.1
41°	10963.3	10834.2	10627.3	10187.0	9327.2	8330.0	7162.0	6073.8	5227.1	4716.4	4293.7
42°	10952.5	10825.1	10620.7	10185.4	9356.2	8365.6	7202.5	6084.6	5261.9	4716.2	4315.1
43°	10928.5	10814.3	10615.7	10193.7	9390.1	8397.1	7230.9	6119.7	5249.8	4727.2	4309.5
44°	10892.9	10797.8	10606.6	10209.4	9427.4	8430.2	7254.3	6154.0	5251.5	4756.6	4304.7

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

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	10842.4	10771.3	10592.5	10225.1	9462.1	8474.0	7282.9	6197.6	5281.0	4777.6	4303.4
46°	10784.5	10737.3	10574.3	10235.0	9496.9	8527.0	7311.7	6183.1	5314.1	4641.8	4093.7
47°	10717.5	10700.1	10552.8	10242.5	9531.6	8582.4	7333.5	6144.7	5321.1	4545.9	4039.1
48°	10648.0	10656.3	10528.8	10251.6	9565.6	8634.6	7374.8	6163.1	5317.0	4554.0	4054.5
49°	10573.5	10611.6	10498.2	10254.9	9605.3	8683.4	7421.8	6200.9	5219.7	4582.8	4054.1
50°	10492.4	10565.2	10462.6	10246.6	9635.1	8727.3	7463.8	6227.5	5173.2	4581.1	4029.0
51°	10403.0	10508.9	10419.6	10230.9	9669.8	8764.5	7497.4	6235.4	5181.6	4573.9	3801.3
52°	10300.4	10443.6	10371.6	10216.8	9707.9	8799.2	7495.0	6259.8	5182.7	4410.4	3797.7
53°	10189.5	10365.0	10317.0	10201.1	9740.2	8824.1	7456.1	6271.8	5220.5	4363.0	3825.6
54°	10065.4	10269.0	10261.5	10181.2	9756.7	8847.2	7414.9	6257.4	5219.6	4372.1	3847.5
55°	9924.7	10157.2	10197.8	10156.4	9762.5	8861.3	7409.0	6248.7	5211.9	4367.3	3624.7
56°	9762.5	10024.0	10121.7	10121.7	9762.5	8867.1	7410.6	6228.8	5170.5	4286.7	3575.8
57°	9585.4	9872.6	10031.5	10081.9	9760.0	8876.2	7402.3	6211.4	5092.5	4154.8	3577.8
58°	9387.6	9697.1	9923.0	10037.2	9749.3	8889.4	7370.2	6145.6	5076.5	4196.1	3406.5
59°	9172.5	9499.3	9804.7	9984.3	9733.5	8895.2	7337.9	6115.0	5065.4	4243.8	3306.7
60°	8920.9	9275.9	9662.4	9918.1	9705.4	8887.8	7304.0	6066.5	5045.4	4210.6	3298.9
61°	8602.3	9015.2	9506.0	9833.7	9664.9	8858.8	7251.6	6010.5	5000.4	4078.5	3059.3
62°	8222.9	8699.1	9327.2	9729.4	9615.2	8798.4	7177.7	5946.3	4942.4	4057.2	3038.2
63°	7798.9	8340.8	9126.1	9606.9	9548.2	8699.9	7081.4	5870.9	4926.9	3996.4	2865.5
64°	7380.3	7969.9	8901.0	9471.2	9460.5	8574.2	6968.9	5787.7	4873.3	3922.9	2786.5
65°	7017.7	7607.7	8656.1	9318.9	9358.7	8436.0	6856.3	5718.6	4765.1	3885.3	2590.2
66°	6729.2	7289.9	8388.0	9140.2	9235.4	8310.2	6710.0	5631.8	4768.0	3789.4	2500.7
67°	6540.6	7019.2	8131.3	8939.9	9082.3	8163.5	6539.9	5514.6	4798.8	3751.5	2300.4
68°	6443.6	6818.5	7885.9	8709.9	8900.2	7981.6	6298.5	5380.9	4822.3	3673.6	2133.8
69°	6356.1	6674.6	7658.6	8461.6	8678.4	7747.8	6015.9	5218.4	4711.4	3608.7	1938.8
70°	6119.7	6541.2	7439.3	8192.4	8422.7	7405.7	5580.0	4985.2	4588.6	3546.3	1795.7
71°	5652.4	6314.1	7242.3	7918.5	8126.2	6960.0	5019.0	4663.7	4487.1	3464.3	1693.1
72°	5036.1	5927.9	7055.3	7637.4	7797.8	6434.1	4464.6	4314.8	4353.4	3371.9	1590.6
73°	4424.9	5397.5	6845.4	7363.3	7421.2	5844.4	3966.2	3956.2	4145.7	3272.1	1488.2
74°	3847.0	4809.1	6593.7	7084.4	6986.7	5247.7	3502.7	3595.5	3930.1	3140.4	1391.8
75°	3014.7	4161.9	6269.3	6744.8	6514.5	4615.3	2941.8	3224.9	3702.8	2964.9	1255.4
76°	1894.0	3364.2	5811.0	6353.4	5955.0	3919.3	2145.4	2792.6	3462.7	2748.8	1112.2
77°	895.2	2236.3	5212.4	5810.3	5316.9	2962.5	1349.0	2092.9	3218.3	2439.1	975.3
78°	703.1	1123.5	4477.9	5102.3	4553.7	1864.9	564.4	1393.1	2943.0	2031.9	833.6
79°	520.3	861.8	3502.0	4230.4	3658.1	930.7	257.2	700.3	2501.9	1624.6	707.0
80°	337.5	600.3	2245.5	3164.0	2595.3	692.7	220.6	513.3	1787.1	1217.9	610.8
81°	307.1	338.8	1165.3	2017.7	1506.1	464.1	183.9	326.3	1074.6	899.4	614.6
82°	279.3	299.4	872.5	970.5	677.8	235.6	147.4	143.8	470.6	735.2	572.4
83°	252.8	268.3	592.3	745.4	464.7	198.7	126.3	116.8	356.8	626.5	458.1
84°	225.7	237.9	312.2	524.0	254.5	168.4	105.9	93.8	243.1	497.1	315.7
85°	198.5	207.9	252.7	302.7	204.3	139.7	85.9	73.8	131.1	353.2	225.9
86°	169.2	179.7	202.9	257.3	163.8	111.0	66.5	56.8	108.2	283.4	137.0
87°	140.3	152.7	167.8	205.4	130.4	84.9	47.6	42.2	84.0	213.5	89.6
88°	114.4	126.5	133.6	146.8	101.0	64.5	33.8	30.0	55.8	143.6	61.3
89°	93.6	99.2	98.1	86.9	77.5	44.0	20.0	17.9	38.8	73.8	33.0

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CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4-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: P1445101

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4-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: P1445101
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4-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: P1445101

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5	5358.5
1°	5282.1	5282.5	5289.2	5300.5	5316.8	5335.2	5354.7	5356.8	5376.6	5396.4	5413.7
2°	5216.1	5213.8	5223.4	5242.6	5270.9	5304.5	5343.9	5366.0	5405.7	5444.8	5480.2
3°	5158.6	5154.1	5166.2	5191.9	5229.2	5278.4	5335.2	5378.3	5439.1	5499.8	5555.4
4°	5108.3	5102.6	5116.9	5147.0	5194.4	5257.4	5331.4	5394.5	5477.8	5561.8	5637.6
5°	5061.9	5056.0	5072.0	5107.8	5162.8	5239.7	5329.8	5413.4	5518.9	5627.1	5728.1
6°	5023.3	5017.1	5034.4	5071.9	5136.5	5224.3	5332.3	5436.3	5564.1	5698.1	5826.3
7°	4992.1	4984.4	5003.9	5044.8	5111.7	5212.5	5336.4	5460.4	5613.3	5775.7	5931.7
8°	4964.6	4955.2	4976.3	5024.3	5093.9	5202.2	5342.1	5485.8	5665.5	5858.2	6043.5
9°	4939.2	4928.5	4951.3	5004.6	5081.8	5192.6	5347.8	5514.1	5720.6	5947.0	6165.5
10°	4918.7	4907.4	4930.3	4987.9	5072.2	5185.1	5358.1	5547.3	5779.6	6040.6	6293.9
11°	4904.3	4892.5	4915.6	4975.4	5065.1	5184.3	5370.7	5584.6	5845.9	6141.1	6433.2
12°	4873.6	4838.2	4885.0	4967.6	5060.9	5188.1	5373.3	5609.3	5916.2	6246.4	6581.3
13°	4817.7	4783.4	4828.9	4963.3	5058.8	5179.6	5381.9	5639.7	5973.3	6364.4	6740.3
14°	4792.2	4778.4	4803.3	4907.4	5060.1	5177.4	5390.1	5670.3	6037.8	6480.6	6909.2
15°	4795.1	4778.5	4803.5	4871.0	5050.7	5178.1	5408.1	5709.5	6103.9	6591.6	7084.8
16°	4798.5	4782.1	4807.3	4874.6	5044.4	5187.2	5425.1	5756.3	6178.4	6710.4	7269.1
17°	4806.4	4788.1	4816.0	4882.9	5006.6	5192.9	5446.6	5802.4	6268.0	6832.3	7457.5
18°	4811.9	4788.7	4821.9	4893.9	4987.6	5203.8	5477.2	5852.9	6346.9	6966.6	7642.3
19°	4815.6	4789.6	4826.9	4910.1	4980.8	5226.5	5514.1	5914.7	6434.9	7101.4	7816.0
20°	4819.4	4769.6	4832.6	4921.9	4986.8	5253.6	5550.2	5977.3	6527.0	7244.5	7997.8
21°	4721.2	4573.6	4741.5	4922.7	5003.7	5274.5	5579.6	6033.4	6632.1	7379.3	8172.4
22°	4580.2	4523.3	4608.3	4925.8	5024.9	5283.8	5595.7	6083.8	6737.4	7519.1	8335.0
23°	4558.0	4528.9	4585.4	4897.6	5040.9	5272.0	5628.9	6119.5	6839.9	7661.0	8501.3
24°	4566.5	4541.5	4595.9	4733.8	5054.0	5285.2	5671.2	6169.6	6934.5	7800.3	8663.5
25°	4582.4	4558.8	4613.0	4689.8	5066.5	5294.7	5696.7	6233.5	7016.6	7942.3	8818.3
26°	4600.9	4574.5	4633.7	4705.6	5086.2	5302.0	5727.9	6284.7	7101.3	8080.4	8973.0
27°	4616.3	4592.4	4651.5	4719.1	5087.1	5334.7	5773.8	6334.7	7198.9	8216.7	9120.3
28°	4632.3	4560.4	4672.7	4730.0	4997.6	5361.9	5816.5	6400.4	7309.0	8344.1	9268.5
29°	4551.5	4379.3	4586.9	4736.9	4911.2	5370.9	5844.9	6474.3	7416.7	8469.1	9419.1
30°	4399.2	4365.4	4436.3	4752.0	4865.9	5380.3	5870.1	6547.8	7511.3	8582.4	9572.2
31°	4393.7	4389.5	4430.0	4767.1	4859.6	5406.2	5907.6	6611.5	7615.9	8695.8	9726.9
32°	4411.3	4419.8	4448.3	4643.5	4873.1	5431.7	5952.4	6667.7	7735.2	8818.3	9878.4
33°	4433.2	4448.5	4470.7	4517.3	4895.9	5436.4	5994.8	6734.9	7859.2	8946.6	10023.2
34°	4454.3	4472.0	4490.1	4512.4	4918.7	5454.8	6018.5	6818.2	7972.5	9074.0	10151.5
35°	4471.1	4491.6	4505.8	4518.2	4929.4	5468.2	6058.8	6900.1	8069.4	9198.1	10237.5
36°	4477.2	4250.5	4507.5	4537.6	4931.2	5477.7	6098.6	6975.9	8153.3	9284.2	10274.8
37°	4233.0	4215.9	4257.7	4562.6	4923.9	5466.4	6130.9	7031.5	8225.8	9335.5	10275.6
38°	4182.6	4240.4	4218.5	4571.1	4802.1	5381.3	6158.8	7097.6	8284.5	9356.2	10249.1
39°	4198.1	4269.9	4233.8	4584.6	4738.9	5322.9	6175.8	7165.4	8332.5	9361.1	10216.0
40°	4219.0	4295.8	4249.4	4427.4	4775.7	5306.2	6197.9	7217.2	8368.9	9370.3	10197.8
41°	4220.8	4272.5	4250.7	4371.0	4800.7	5340.6	6203.4	7263.4	8397.1	9390.9	10190.3
42°	4178.6	4006.6	4211.2	4386.0	4796.8	5361.2	6213.4	7303.4	8430.2	9416.6	10201.9
43°	3941.4	3986.9	3980.1	4377.6	4817.2	5338.6	6251.7	7336.9	8466.6	9447.2	10224.3
44°	3921.7	4001.2	3965.2	4373.4	4845.7	5347.7	6291.7	7366.7	8512.1	9481.1	10245.0

REPORT NUMBER: P1445101

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	3941.7	4008.5	3983.7	4372.8	4864.9	5383.2	6334.3	7400.3	8564.2	9514.2	10263.2
46°	3944.9	3894.6	3983.2	4152.4	4725.0	5415.2	6302.3	7424.4	8613.9	9554.8	10281.4
47°	3843.6	3649.6	3872.1	4119.4	4636.5	5432.1	6270.7	7454.6	8664.4	9599.5	10296.3
48°	3633.5	3650.5	3680.8	4130.8	4651.8	5418.9	6298.3	7500.8	8714.0	9642.5	10302.9
49°	3649.2	3655.3	3699.9	4129.4	4681.9	5323.1	6343.9	7540.7	8762.0	9679.8	10298.8
50°	3669.4	3653.3	3721.9	4095.3	4674.0	5298.0	6367.6	7573.7	8804.2	9721.1	10290.5
51°	3681.0	3317.7	3737.9	3878.9	4660.0	5307.4	6378.9	7591.7	8839.0	9756.7	10281.4
52°	3395.1	3284.3	3440.5	3884.8	4489.6	5317.1	6403.9	7566.6	8867.1	9785.7	10269.8
53°	3357.0	3279.7	3407.1	3913.4	4463.8	5350.7	6408.2	7517.4	8892.8	9803.1	10255.7
54°	3348.9	3030.5	3398.2	3933.8	4477.7	5345.9	6392.7	7489.3	8905.2	9808.8	10237.5
55°	3115.2	2878.6	3151.8	3697.5	4474.8	5335.7	6379.7	7486.2	8910.1	9808.0	10216.8
56°	2994.0	2871.4	3043.7	3659.1	4375.8	5290.6	6353.0	7487.2	8912.6	9809.7	10188.7
57°	2990.7	2554.0	3039.3	3662.5	4277.3	5215.7	6324.2	7469.1	8917.6	9803.1	10148.1
58°	2704.0	2480.5	2742.0	3471.2	4321.0	5203.9	6248.3	7423.6	8915.1	9784.8	10091.0
59°	2630.9	2423.2	2676.8	3399.4	4367.6	5186.8	6223.4	7387.0	8906.0	9760.0	10020.7
60°	2508.9	2055.0	2526.7	3383.6	4310.3	5161.9	6151.5	7343.5	8875.4	9725.3	9941.3
61°	2265.9	1871.6	2309.2	3140.4	4192.1	5102.8	6086.3	7285.5	8815.0	9679.8	9853.5
62°	2158.6	1688.3	2165.4	3125.8	4172.1	5048.1	6006.1	7206.5	8716.5	9612.7	9756.7
63°	1944.1	1503.9	1959.5	2924.7	4095.3	5026.2	5918.7	7095.8	8599.0	9527.5	9640.9
64°	1729.7	1219.5	1753.6	2862.7	4030.5	4958.2	5831.2	6983.5	8459.1	9429.8	9499.3
65°	1513.3	940.5	1547.6	2653.9	3984.0	4858.4	5746.5	6851.5	8327.5	9309.0	9330.5
66°	1233.7	702.8	1250.5	2552.6	3886.7	4871.9	5635.8	6671.7	8184.5	9168.3	9142.7
67°	1002.2	467.4	984.9	2368.7	3848.8	4888.4	5491.2	6469.6	8010.2	9004.5	8935.8
68°	733.0	232.0	727.6	2179.6	3753.1	4871.9	5331.8	6196.6	7782.1	8810.0	8713.2
69°	530.9	0.5	510.4	1950.4	3671.8	4710.4	5142.0	5832.7	7485.1	8579.9	8469.9
70°	477.7	0.4	447.0	1811.0	3595.3	4559.1	4864.6	5304.4	7099.5	8313.5	8198.3
71°	425.4	0.4	389.9	1698.9	3495.4	4421.0	4497.4	4710.0	6601.8	8008.0	7906.4
72°	367.5	0.4	331.9	1586.9	3390.9	4255.0	4118.3	4168.7	6023.9	7671.5	7623.4
73°	305.3	0.5	269.8	1474.4	3257.1	4023.8	3764.8	3714.0	5421.6	7259.7	7330.9
74°	249.7	0.5	209.6	1347.6	3071.0	3802.1	3408.0	3206.2	4798.3	6761.6	7017.4
75°	197.6	0.6	172.1	1193.9	2860.1	3577.6	2945.3	2476.2	4134.1	6198.0	6656.1
76°	145.9	0.7	159.2	1056.5	2581.7	3314.2	2247.2	1555.1	3320.8	5576.3	6224.1
77°	112.5	0.8	174.3	927.1	2205.4	3027.1	1549.1	742.4	2294.7	4892.5	5664.4
78°	121.0	0.9	160.6	797.1	1826.8	2633.7	852.9	474.4	1252.6	4071.7	4853.2
79°	164.1	1.0	146.8	696.7	1448.3	1947.9	349.5	218.8	920.4	3139.8	3887.4
80°	169.3	1.2	132.8	641.3	1073.6	1262.2	250.5	185.6	588.3	2058.5	2778.0
81°	153.4	1.4	83.0	593.1	852.3	591.3	152.7	162.0	256.3	1048.1	1649.5
82°	111.6	1.6	45.9	507.3	711.8	439.9	125.5	140.5	216.7	777.4	717.5
83°	69.9	1.8	35.0	371.6	552.6	288.5	103.7	119.7	186.6	508.3	516.7
84°	41.7	2.0	24.2	235.9	367.8	138.6	85.0	99.6	158.9	239.3	338.0
85°	31.8	2.2	13.4	101.4	243.6	113.8	67.7	78.4	130.6	188.8	294.2
86°	21.9	2.4	11.3	59.8	119.9	90.5	52.3	60.1	103.3	151.7	247.4
87°	12.3	2.6	9.7	36.2	63.7	66.8	38.6	41.9	78.3	120.3	194.5
88°	9.6	2.9	8.2	25.6	44.0	46.2	27.3	23.7	57.7	91.3	133.6
89°	6.7	3.1	6.2	15.0	24.3	25.6	15.9	10.4	37.1	70.8	77.6

REPORT NUMBER: P1445101

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4-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: P1445101

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4-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: P1445101
CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4-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: P1445101

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	5358.5	5358.5	5358.5
1°	5427.0	5436.9	5440.1
2°	5509.2	5529.4	5535.1
3°	5599.7	5628.8	5638.9
4°	5699.9	5742.8	5756.5
5°	5812.3	5866.6	5885.3
6°	5930.4	6000.6	6024.9
7°	6060.1	6148.0	6178.5
8°	6200.0	6305.4	6340.5
9°	6349.2	6474.7	6519.8
10°	6511.8	6659.8	6713.2
11°	6686.9	6858.2	6918.7
12°	6871.9	7068.4	7139.9
13°	7070.7	7298.6	7383.2
14°	7278.9	7536.9	7637.2
15°	7499.3	7787.7	7900.0
16°	7723.6	8046.9	8169.0
17°	7957.3	8311.0	8436.0
18°	8190.8	8570.8	8699.9
19°	8421.1	8819.1	8959.0
20°	8643.7	9059.9	9209.7
21°	8858.8	9290.8	9444.7
22°	9061.6	9506.0	9667.3
23°	9259.4	9720.3	9878.4
24°	9447.2	9928.8	10079.5
25°	9636.7	10128.3	10267.3
26°	9826.2	10309.5	10432.8
27°	10005.0	10471.7	10577.6
28°	10159.7	10612.4	10717.5
29°	10302.9	10753.1	10858.2
30°	10455.2	10913.6	11028.6
31°	10607.4	11061.7	11168.5
32°	10747.3	11171.0	11274.4
33°	10845.8	11227.3	11316.6
34°	10892.9	11222.3	11293.5
35°	10885.5	11157.7	11216.5
36°	10844.1	11059.3	11113.1
37°	10772.9	10958.3	11022.0
38°	10705.1	10893.8	10982.3
39°	10664.5	10863.1	10969.9
40°	10646.3	10849.1	10966.6
41°	10638.0	10842.4	10963.3
42°	10629.8	10838.3	10952.5
43°	10621.5	10830.0	10928.5
44°	10614.9	10816.0	10892.9

REPORT NUMBER: P1445101

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	10608.3	10789.5	10842.4
46°	10600.0	10755.6	10784.5
47°	10587.6	10717.5	10717.5
48°	10568.5	10674.5	10648.0
49°	10540.4	10629.8	10573.5
50°	10504.8	10584.3	10492.4
51°	10458.5	10534.6	10403.0
52°	10408.0	10471.7	10300.4
53°	10355.9	10393.9	10189.5
54°	10302.9	10297.9	10065.4
55°	10244.1	10185.4	9924.7
56°	10173.0	10052.1	9762.5
57°	10084.4	9903.2	9585.4
58°	9971.0	9722.8	9387.6
59°	9846.9	9524.2	9172.5
60°	9704.6	9306.5	8920.9
61°	9544.0	9056.6	8602.3
62°	9362.8	8753.7	8222.9
63°	9170.8	8400.4	7798.9
64°	8958.1	8017.9	7380.3
65°	8719.0	7658.2	7017.7
66°	8464.9	7341.7	6729.2
67°	8209.6	7079.5	6540.6
68°	7950.8	6872.0	6443.6
69°	7725.4	6719.0	6356.1
70°	7534.2	6582.8	6119.7
71°	7336.0	6371.5	5652.4
72°	7118.7	5992.0	5036.1
73°	6904.3	5458.5	4424.9
74°	6654.4	4858.7	3847.0
75°	6274.5	4203.7	3014.7
76°	5770.6	3398.9	1894.0
77°	5187.3	2347.9	895.2
78°	4466.9	1256.8	703.1
79°	3458.5	946.9	520.3
80°	2141.7	647.9	337.5
81°	1081.4	349.0	307.1
82°	810.3	303.9	279.3
83°	563.0	274.2	252.8
84°	315.7	242.6	225.7
85°	248.6	210.3	198.5
86°	202.2	180.4	169.2
87°	166.4	152.8	140.3
88°	132.1	125.7	114.4
89°	94.9	98.2	93.6

REPORT NUMBER: P1445101

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4-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: P1445101

CATALOG NUMBER: XAS300-SFPM (5000K-240W-T4-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: P1445101

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)