

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: P1445108

Luminaire Tested: XAS300-SFPM (5000K-300W-T5)

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445108
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-T5)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 100% (300W)
OPTICS - TYPE 5
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 45535 (1 lamp)
Luminaire Lumens: 43703.4 lumens
Efficiency: 96.0%
Efficacy: 145.7 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type V - Short - Semi-Cutoff
BUG Rating: B5 - U0 - G4

Input Watts (W): 299.9
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

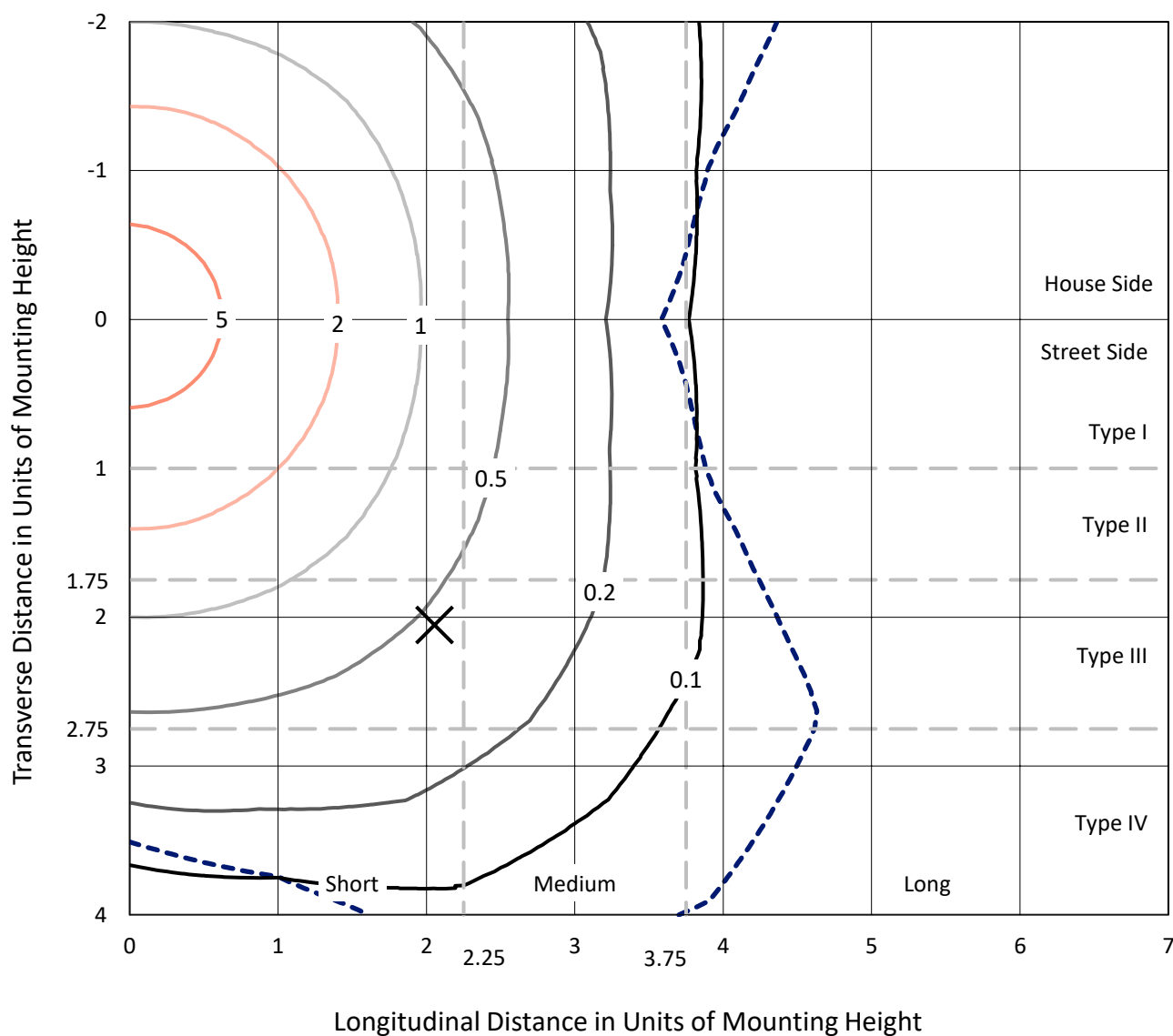
REPORT NUMBER: P1445108

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

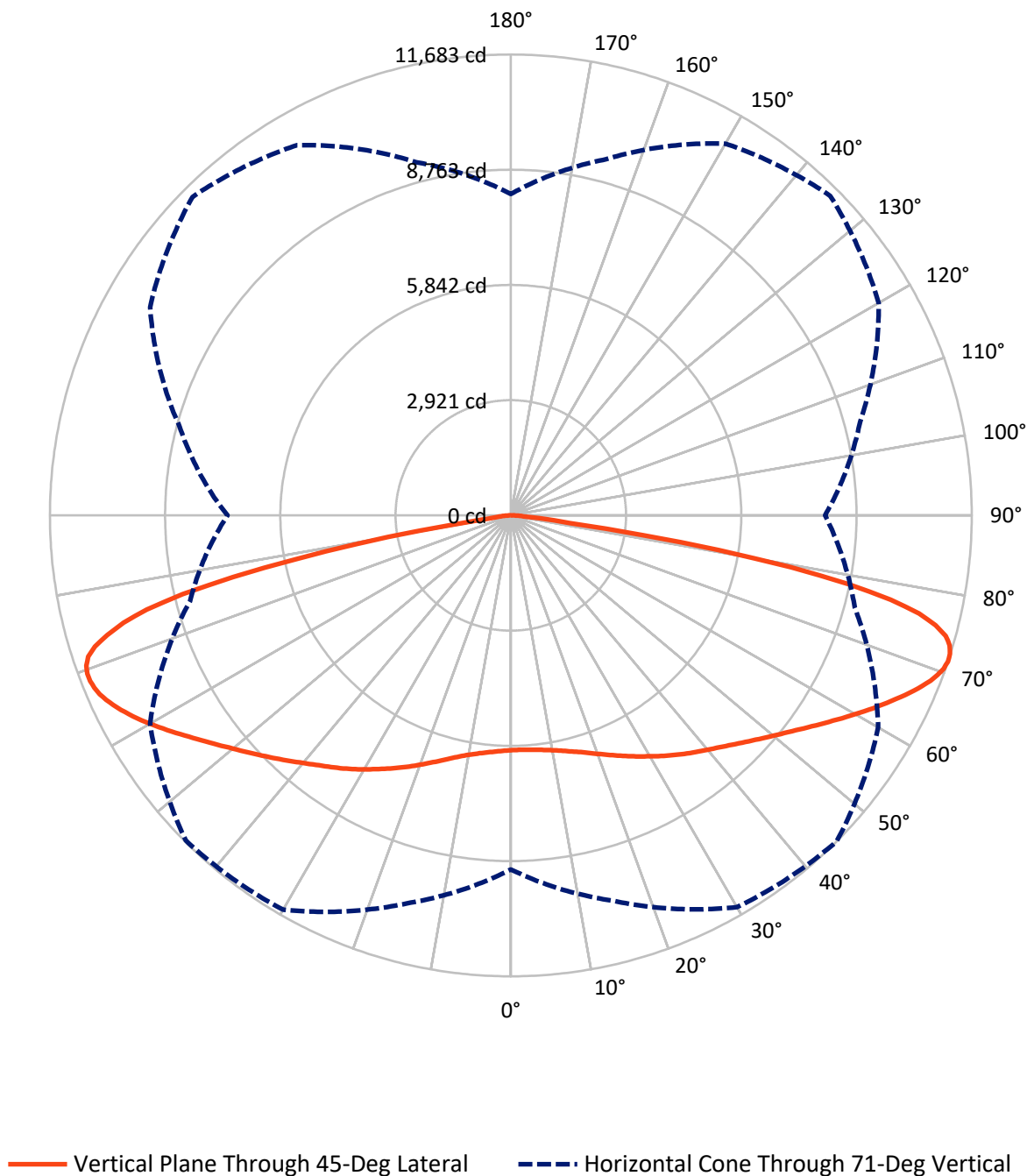


Based on 30 foot mounting height. Maximum calculated value = 6.6 fc
 Type V - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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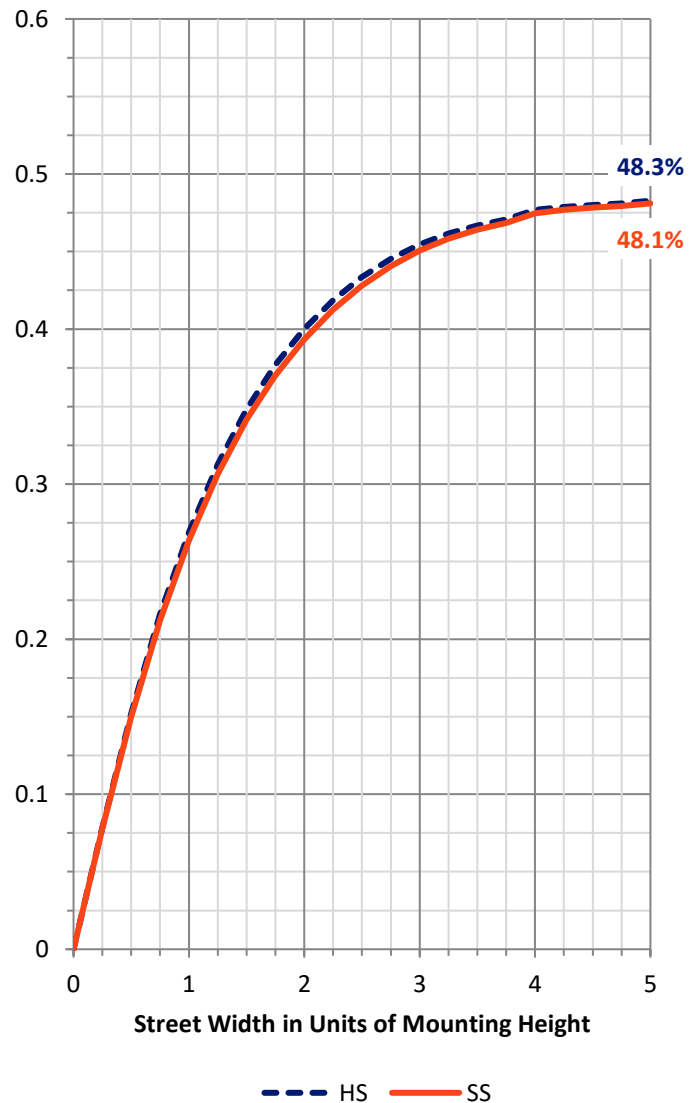
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21856.5	0.0	21856.5
	% Lamp	48.0	0.0	48.0
Street Side	Lumens	21846.9	0.0	21846.9
	% Lamp	48.0	0.0	48.0
Total	Lumens	43703.4	0.0	43703.4
	% Lamp	96.0	0.0	96.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	574.7	1.3	1.3
10°-20°	1793.8	4.1	3.9
20°-30°	3196.8	7.3	7.0
30°-40°	4783.8	10.9	10.5
40°-50°	6548.4	15.0	14.4
50°-60°	8538.9	19.5	18.8
60°-70°	10294.5	23.6	22.6
70°-80°	7523.6	17.2	16.5
80°-90°	448.9	1.0	1.0
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°	43703.4	100.0	96.0
0°-180°	43703.4	100.0	96.0

Coefficient of Utilization



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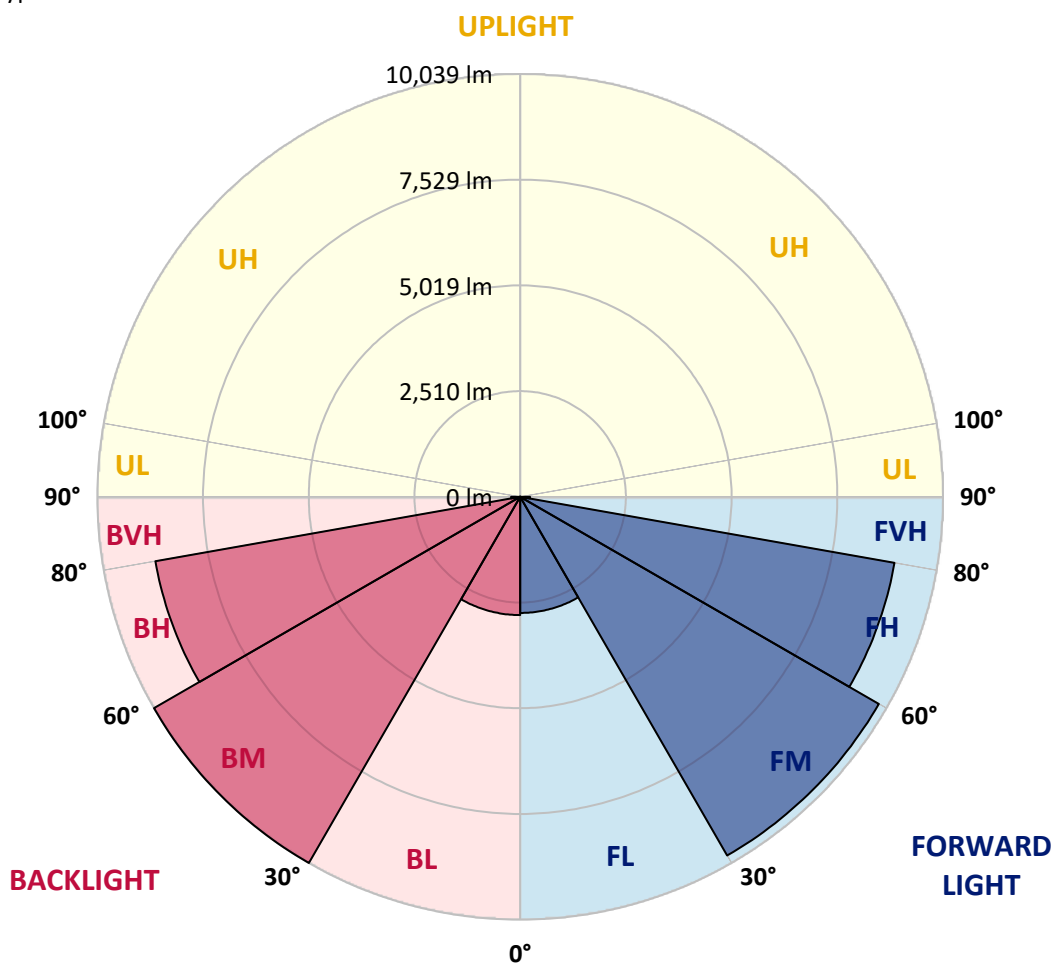
CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2757.5	6.1			
FM	(30°-60°)	9832.3	21.6			
FH	(60°-80°)	9023.6	19.8			G4/12000
FVH	(80°-90°)	233.5	0.5			G3/500
BL	(0°-30°)	2807.8	6.2	B4/5000		
BM	(30°-60°)	10038.8	22.0	B5		
BH	(60°-80°)	8794.5	19.3	B5		G4/12000
BVH	(80°-90°)	215.4	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		1831.6	4.0			

BUG Rating: B5-U0-G4

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7
1°	5947.8	5946.0	5946.4	5947.4	5948.3	5950.6	5945.8	5945.8	5946.7	5948.3	5949.0
2°	5947.3	5946.0	5946.0	5947.3	5949.2	5950.8	5946.7	5947.8	5949.8	5952.9	5954.5
3°	5950.8	5948.0	5948.8	5949.2	5953.1	5956.3	5952.1	5954.2	5957.3	5960.9	5963.1
4°	5954.9	5952.7	5953.9	5956.9	5960.6	5964.2	5960.6	5963.1	5968.0	5971.8	5974.1
5°	5960.6	5959.0	5961.7	5965.3	5972.0	5977.7	5974.6	5977.4	5980.8	5985.4	5990.0
6°	5970.3	5967.2	5972.0	5978.1	5987.1	5993.7	5991.3	5993.8	5996.7	6000.9	6007.2
7°	5981.7	5980.3	5984.4	5994.5	6004.2	6009.7	6008.6	6012.3	6014.8	6019.5	6027.2
8°	5995.0	5993.7	6001.4	6012.4	6022.2	6030.9	6029.5	6033.5	6038.0	6042.6	6052.2
9°	6012.1	6009.6	6019.9	6031.3	6045.1	6054.2	6053.3	6057.0	6064.0	6070.1	6079.5
10°	6032.6	6031.1	6041.6	6055.0	6071.8	6081.3	6079.8	6082.8	6091.8	6102.7	6111.0
11°	6058.3	6054.5	6067.4	6082.8	6099.8	6108.7	6108.6	6111.4	6121.9	6136.4	6145.9
12°	6086.3	6082.1	6094.7	6112.5	6129.9	6140.8	6142.1	6145.4	6158.0	6174.9	6185.1
13°	6117.7	6112.3	6124.5	6145.6	6163.3	6175.8	6179.0	6184.5	6197.5	6215.6	6227.8
14°	6152.9	6147.5	6156.8	6180.6	6200.2	6218.3	6222.0	6226.2	6241.3	6259.2	6275.1
15°	6193.1	6184.9	6194.1	6218.0	6241.6	6261.6	6267.9	6273.9	6288.8	6306.9	6323.7
16°	6234.7	6225.6	6236.1	6258.5	6286.3	6308.7	6318.2	6326.4	6338.7	6357.1	6374.7
17°	6278.6	6266.6	6280.4	6301.5	6333.0	6360.9	6372.6	6378.8	6392.9	6410.9	6428.1
18°	6323.1	6311.8	6324.4	6351.1	6382.3	6416.0	6429.9	6436.9	6449.4	6468.2	6485.3
19°	6369.5	6358.1	6373.9	6405.1	6434.3	6472.2	6490.9	6496.2	6508.1	6527.3	6543.1
20°	6418.5	6407.5	6424.7	6458.7	6489.8	6530.0	6553.3	6559.0	6568.8	6587.8	6601.7
21°	6467.7	6458.5	6477.6	6515.3	6546.7	6592.8	6616.5	6626.1	6631.6	6652.6	6662.1
22°	6517.7	6510.0	6533.0	6572.4	6606.6	6656.6	6681.0	6695.1	6698.4	6716.9	6721.6
23°	6570.9	6565.5	6590.1	6633.1	6671.2	6722.1	6744.4	6762.1	6767.1	6782.3	6784.6
24°	6625.8	6623.6	6647.8	6693.7	6735.1	6783.6	6804.5	6828.6	6836.4	6847.9	6845.8
25°	6685.2	6683.8	6708.6	6757.2	6799.9	6846.0	6863.6	6894.4	6904.9	6914.7	6910.1
26°	6745.0	6748.1	6769.8	6821.0	6862.9	6911.2	6925.1	6960.6	6974.9	6981.7	6975.0
27°	6810.3	6814.1	6834.4	6885.6	6926.3	6977.6	6989.5	7029.8	7044.5	7047.7	7039.8
28°	6878.4	6882.8	6899.9	6950.2	6990.2	7045.5	7058.2	7096.8	7113.6	7116.1	7106.1
29°	6949.0	6951.3	6967.7	7017.0	7055.0	7113.6	7130.0	7167.7	7186.3	7182.6	7173.6
30°	7025.4	7022.8	7035.9	7083.8	7122.7	7184.3	7207.7	7241.9	7258.2	7251.3	7243.2
31°	7104.6	7094.2	7106.6	7155.2	7189.8	7256.9	7285.4	7317.2	7334.6	7323.9	7314.2
32°	7184.5	7165.4	7175.4	7225.5	7259.7	7325.3	7361.0	7390.3	7408.8	7398.0	7389.8
33°	7270.4	7236.6	7245.1	7293.6	7331.0	7394.4	7437.5	7462.2	7481.5	7473.3	7460.8
34°	7360.5	7309.1	7315.8	7363.7	7400.1	7463.7	7515.5	7533.5	7550.5	7543.1	7535.4
35°	7451.4	7383.3	7390.7	7438.1	7467.8	7534.1	7594.8	7605.4	7618.3	7616.9	7612.9
36°	7542.3	7455.5	7462.6	7508.6	7536.2	7602.6	7675.3	7675.9	7689.0	7693.0	7690.2
37°	7636.7	7523.7	7535.0	7576.6	7605.4	7665.7	7757.5	7746.0	7762.8	7769.4	7771.1
38°	7732.6	7589.8	7604.5	7649.3	7675.4	7730.5	7841.4	7813.8	7836.0	7848.0	7850.5
39°	7828.7	7657.3	7674.1	7720.2	7745.1	7799.7	7931.6	7884.2	7908.7	7927.3	7929.1
40°	7928.1	7729.3	7744.2	7792.7	7816.6	7872.0	8028.8	7960.0	7985.4	8011.0	8011.6
41°	8031.2	7807.4	7819.3	7868.4	7893.2	7950.6	8123.5	8038.9	8065.5	8093.7	8092.7
42°	8130.9	7895.4	7898.6	7949.4	7972.8	8033.1	8213.0	8124.4	8146.9	8180.6	8178.6
43°	8223.3	7990.3	7981.8	8035.5	8061.3	8116.9	8304.0	8210.0	8235.4	8270.8	8267.9
44°	8309.8	8090.0	8070.7	8125.4	8153.2	8207.5	8395.7	8297.1	8326.8	8365.7	8361.0

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CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	8395.0	8188.3	8163.6	8218.9	8245.3	8302.4	8487.7	8387.3	8418.7	8463.2	8457.7
46°	8475.4	8292.8	8263.0	8318.2	8344.4	8400.5	8573.8	8485.2	8516.8	8563.5	8558.9
47°	8550.7	8403.5	8370.0	8417.7	8444.6	8503.4	8654.5	8587.2	8616.8	8667.9	8661.5
48°	8625.7	8520.3	8479.4	8522.7	8545.1	8605.6	8734.1	8691.4	8719.9	8775.8	8770.5
49°	8704.7	8642.6	8592.2	8632.1	8652.7	8710.0	8809.8	8793.9	8821.6	8882.7	8882.5
50°	8788.0	8771.5	8709.7	8743.5	8766.8	8819.7	8882.5	8900.0	8928.7	8994.0	8998.5
51°	8876.0	8902.8	8833.7	8860.1	8876.5	8927.8	8952.1	9005.1	9035.7	9107.9	9117.6
52°	8963.6	9038.0	8961.1	8983.2	8995.9	9039.1	9015.5	9112.7	9146.3	9224.9	9239.7
53°	9063.5	9177.7	9091.9	9116.3	9113.7	9143.0	9076.8	9213.5	9258.0	9346.2	9366.6
54°	9169.7	9314.7	9230.8	9250.7	9233.9	9240.6	9140.7	9310.9	9375.3	9469.3	9494.6
55°	9277.5	9449.2	9375.0	9391.6	9354.1	9334.9	9203.3	9402.9	9487.7	9599.7	9624.7
56°	9385.2	9580.6	9522.0	9537.9	9477.2	9431.4	9267.2	9492.9	9599.7	9732.2	9753.3
57°	9491.1	9705.3	9671.7	9685.2	9598.8	9525.4	9330.1	9578.2	9714.9	9873.3	9880.0
58°	9590.0	9824.3	9818.6	9841.6	9721.6	9608.4	9392.3	9656.4	9826.3	10016.3	9998.1
59°	9693.8	9929.0	9971.2	9998.1	9842.6	9681.3	9446.6	9729.3	9935.7	10163.1	10105.6
60°	9791.7	10030.7	10121.9	10160.3	9961.6	9745.6	9491.9	9793.6	10043.2	10312.9	10207.3
61°	9875.2	10118.0	10281.2	10324.4	10074.8	9796.5	9527.0	9844.5	10153.5	10465.5	10315.7
62°	9946.2	10193.9	10437.6	10486.6	10191.0	9831.1	9551.0	9886.7	10263.0	10614.2	10429.0
63°	10019.2	10266.8	10594.1	10649.7	10306.1	9857.9	9568.0	9922.2	10368.5	10760.1	10534.6
64°	10110.4	10336.9	10745.7	10814.8	10410.8	9872.3	9575.1	9944.3	10472.2	10904.1	10633.4
65°	10210.2	10419.4	10900.3	10982.8	10515.4	9881.9	9575.8	9960.6	10573.0	11034.6	10725.6
66°	10270.6	10507.7	11046.1	11142.1	10612.3	9885.8	9549.3	9963.5	10663.2	11157.5	10818.7
67°	10281.2	10576.8	11170.9	11289.9	10689.1	9866.6	9496.5	9939.5	10740.0	11261.1	10898.3
68°	10274.5	10598.9	11288.0	11432.0	10764.0	9797.5	9366.7	9882.9	10803.3	11350.4	10958.8
69°	10162.2	10566.2	11396.5	11550.0	10804.3	9670.8	9083.2	9761.0	10843.6	11413.7	10970.3
70°	9764.8	10447.2	11465.6	11638.3	10798.5	9417.0	8633.2	9534.2	10839.8	11454.0	10944.4
71°	8974.4	10118.0	11465.6	11683.4	10750.5	9025.2	7965.2	9164.8	10769.7	11452.1	10881.1
72°	7941.0	9494.0	11366.7	11671.0	10638.2	8501.2	7253.7	8624.5	10628.6	11402.2	10720.8
73°	6942.0	8626.8	11170.9	11603.8	10451.1	7879.7	6616.5	7958.9	10394.4	11258.3	10457.8
74°	5977.4	7658.6	10851.3	11442.5	10156.4	7266.0	6085.9	7269.2	10073.9	11002.9	10065.2
75°	4549.4	6583.8	10358.0	11122.9	9804.2	6659.1	5468.6	6623.9	9646.8	10610.4	9437.1
76°	2651.3	5185.2	9611.3	10644.0	9347.3	5890.7	4385.5	5941.9	9121.8	10074.8	8582.3
77°	1043.2	3296.9	8608.5	9860.8	8736.5	4719.9	3087.2	4872.1	8465.9	9275.3	7556.4
78°	761.1	1496.5	7359.5	8725.4	7837.9	3152.8	1788.8	3452.3	7626.9	8132.8	6297.7
79°	505.6	1063.0	5672.7	7219.1	6584.8	1567.5	502.4	2032.5	6436.0	6588.2	4614.5
80°	250.1	664.3	3514.0	5349.1	4875.1	1115.5	284.9	625.1	4809.7	4798.9	3275.5
81°	221.9	265.6	1664.0	3390.0	2849.1	688.8	251.5	312.0	3373.3	3373.9	1936.5
82°	196.2	228.8	1198.3	1518.8	1222.5	262.1	218.0	257.9	1936.9	1948.9	604.1
83°	171.2	195.9	739.5	1114.2	881.7	212.8	184.7	222.3	511.9	525.2	326.7
84°	145.4	164.7	280.7	720.5	561.2	179.7	158.2	186.8	302.2	335.3	249.0
85°	118.6	134.2	212.0	326.9	240.7	147.5	131.3	154.4	237.1	279.6	172.1
86°	87.9	105.2	162.0	259.1	177.1	116.8	104.1	123.1	172.1	222.9	121.9
87°	59.7	78.1	122.8	193.1	135.8	89.3	75.8	95.3	130.4	166.1	85.4
88°	31.7	51.1	84.7	120.0	97.2	62.2	48.8	68.7	93.3	104.0	52.8
89°	13.0	24.1	45.4	63.1	53.1	35.0	34.2	47.7	64.2	71.5	37.3

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CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

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: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

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: P1445108
CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

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: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7	5948.7
1°	5951.2	5953.6	5955.0	5956.0	5956.6	5957.6	5957.9	5952.0	5951.7	5951.1	5949.2
2°	5956.6	5961.5	5963.7	5966.3	5966.1	5967.6	5966.8	5962.4	5960.1	5957.3	5953.4
3°	5967.3	5972.2	5976.3	5978.2	5979.3	5979.6	5979.0	5974.3	5969.8	5965.7	5960.1
4°	5980.0	5985.6	5990.2	5993.1	5995.0	5995.8	5993.4	5986.1	5981.9	5977.1	5969.6
5°	5994.1	6000.8	6006.2	6010.9	6012.8	6012.6	6009.3	6001.4	5994.6	5989.1	5980.7
6°	6010.8	6019.2	6024.7	6029.8	6032.4	6032.0	6028.8	6019.7	6012.4	6003.3	5992.4
7°	6032.3	6040.6	6046.5	6052.6	6055.1	6054.7	6050.3	6041.6	6031.8	6021.8	6007.7
8°	6057.5	6065.0	6072.0	6079.6	6080.8	6080.5	6076.1	6065.2	6055.0	6044.2	6026.5
9°	6086.9	6093.6	6101.2	6108.9	6110.8	6108.1	6102.0	6091.3	6081.3	6070.0	6048.8
10°	6117.3	6124.6	6132.1	6141.8	6143.7	6139.7	6133.8	6123.8	6111.6	6096.7	6074.7
11°	6153.8	6162.3	6169.5	6178.0	6181.6	6178.2	6170.9	6161.9	6148.8	6129.0	6104.6
12°	6194.3	6203.1	6210.6	6218.3	6224.3	6221.8	6213.9	6206.4	6191.0	6167.9	6136.8
13°	6238.7	6247.8	6254.3	6263.3	6270.4	6268.9	6260.4	6252.6	6236.4	6211.5	6174.1
14°	6284.6	6294.0	6301.6	6311.5	6320.6	6321.0	6309.8	6300.7	6283.5	6256.6	6215.3
15°	6333.8	6344.7	6350.9	6364.6	6375.0	6373.8	6362.9	6353.9	6334.6	6303.8	6262.1
16°	6387.8	6397.8	6405.9	6420.4	6435.9	6432.7	6419.7	6413.1	6389.8	6355.1	6311.3
17°	6442.6	6453.2	6461.9	6479.5	6497.1	6491.6	6479.6	6473.5	6449.9	6411.3	6362.7
18°	6498.4	6508.0	6518.3	6539.9	6559.8	6553.7	6543.0	6537.2	6510.2	6468.5	6416.1
19°	6556.9	6565.0	6576.3	6601.9	6623.8	6616.9	6607.3	6601.9	6572.7	6529.9	6471.5
20°	6615.8	6621.3	6637.1	6663.7	6690.4	6683.7	6675.0	6668.6	6638.0	6590.9	6529.0
21°	6675.1	6679.6	6700.6	6729.8	6761.6	6752.5	6745.4	6738.1	6708.5	6653.7	6589.7
22°	6734.4	6738.9	6762.9	6794.0	6830.6	6823.5	6818.3	6804.2	6776.9	6717.0	6651.2
23°	6795.6	6799.0	6827.1	6863.1	6900.7	6893.7	6890.6	6870.0	6846.3	6785.9	6716.0
24°	6858.5	6862.9	6893.5	6929.3	6969.6	6968.0	6962.0	6934.3	6914.6	6855.3	6780.3
25°	6923.6	6929.3	6962.3	6999.4	7038.5	7042.2	7031.7	7000.8	6983.9	6922.4	6845.2
26°	6989.8	6999.4	7033.3	7071.4	7107.9	7117.7	7106.1	7068.0	7053.3	6988.6	6907.7
27°	7058.4	7070.6	7106.6	7141.5	7175.4	7192.0	7178.9	7136.8	7124.9	7056.5	6972.2
28°	7130.1	7147.3	7180.8	7211.4	7247.7	7268.9	7254.2	7212.0	7196.8	7124.7	7041.5
29°	7203.5	7226.4	7258.1	7281.4	7320.0	7344.7	7330.9	7293.5	7270.1	7193.8	7110.4
30°	7277.6	7306.8	7334.7	7353.1	7394.0	7419.5	7409.6	7375.6	7345.6	7261.8	7180.3
31°	7351.5	7391.2	7411.2	7427.7	7469.7	7492.3	7487.8	7458.2	7419.4	7332.7	7251.4
32°	7426.3	7477.5	7489.0	7501.8	7544.2	7566.1	7561.0	7532.9	7490.0	7402.3	7327.0
33°	7500.7	7566.6	7565.8	7575.4	7618.2	7635.9	7634.3	7608.3	7557.3	7474.1	7401.7
34°	7578.5	7654.0	7640.7	7651.5	7691.6	7703.7	7703.1	7684.0	7625.3	7543.5	7476.3
35°	7654.5	7745.8	7716.2	7727.8	7764.5	7771.0	7771.7	7761.0	7687.7	7613.5	7549.7
36°	7732.8	7838.7	7793.0	7803.9	7836.1	7839.8	7835.2	7838.2	7746.3	7680.8	7621.5
37°	7809.4	7930.2	7867.2	7881.8	7907.7	7910.7	7899.1	7922.8	7810.9	7750.1	7695.1
38°	7882.7	8023.1	7938.2	7958.1	7984.0	7982.1	7966.6	8012.9	7878.6	7818.3	7770.4
39°	7955.9	8120.1	8012.2	8033.4	8066.7	8057.0	8034.6	8107.0	7947.9	7893.7	7844.2
40°	8035.9	8220.1	8092.4	8113.8	8150.6	8132.8	8109.7	8204.4	8022.6	7971.8	7918.6
41°	8120.5	8316.9	8181.2	8196.3	8235.9	8213.9	8186.0	8307.7	8107.1	8054.1	7999.2
42°	8206.9	8412.9	8272.1	8283.2	8327.1	8297.7	8273.2	8411.2	8198.6	8136.7	8087.4
43°	8294.1	8507.3	8365.8	8375.0	8420.5	8383.7	8372.7	8510.7	8299.0	8225.1	8177.9
44°	8389.9	8598.3	8463.2	8469.0	8516.2	8474.6	8473.7	8599.7	8400.1	8315.9	8273.2

REPORT NUMBER: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	8489.3	8688.5	8564.5	8566.5	8615.6	8571.6	8577.9	8681.2	8501.1	8416.5	8373.1
46°	8598.4	8780.7	8672.8	8669.4	8711.9	8674.5	8676.5	8763.6	8602.2	8522.4	8477.3
47°	8711.8	8870.9	8789.8	8776.3	8814.8	8783.1	8782.9	8843.1	8707.1	8633.0	8583.7
48°	8834.6	8951.5	8907.2	8883.9	8917.2	8895.2	8893.0	8915.1	8815.0	8741.9	8693.2
49°	8957.7	9034.0	9029.1	8993.1	9026.0	9008.1	9004.6	8980.8	8926.4	8850.6	8806.2
50°	9079.6	9119.1	9151.5	9110.1	9139.0	9123.2	9117.8	9045.6	9038.1	8959.8	8924.5
51°	9202.3	9208.3	9273.6	9226.2	9254.1	9232.4	9225.8	9110.4	9149.7	9073.0	9048.5
52°	9326.6	9294.4	9397.5	9352.0	9377.3	9344.7	9332.8	9176.7	9250.9	9188.4	9175.2
53°	9451.9	9376.9	9521.4	9476.7	9501.9	9457.9	9431.2	9240.4	9349.1	9303.2	9307.6
54°	9572.0	9457.2	9637.2	9606.5	9631.4	9573.9	9522.9	9305.2	9444.8	9420.5	9446.3
55°	9682.3	9537.9	9742.8	9737.0	9764.8	9685.2	9605.5	9365.7	9532.2	9529.2	9588.7
56°	9773.5	9613.2	9833.9	9866.6	9902.1	9796.5	9680.4	9423.2	9610.3	9643.9	9736.0
57°	9850.2	9687.1	9917.4	10000.0	10048.0	9904.0	9751.4	9477.3	9676.5	9759.1	9885.8
58°	9919.4	9757.2	9990.4	10117.1	10191.9	10009.6	9812.8	9527.9	9736.0	9864.6	10034.5
59°	9983.7	9823.4	10056.6	10222.6	10337.8	10113.2	9866.6	9563.7	9787.9	9971.2	10184.3
60°	10042.2	9881.9	10111.3	10331.1	10490.4	10210.2	9907.8	9589.4	9829.1	10085.4	10339.7
61°	10088.3	9934.7	10153.5	10447.2	10635.4	10305.2	9939.5	9617.0	9858.9	10194.8	10499.1
62°	10121.9	9988.5	10190.0	10559.5	10778.4	10405.0	9958.7	9636.2	9884.8	10299.4	10659.3
63°	10160.3	10038.4	10228.4	10659.3	10912.7	10505.8	9973.1	9639.1	9904.0	10405.0	10819.6
64°	10195.8	10088.3	10272.6	10744.8	11045.2	10597.9	9977.9	9629.5	9912.6	10503.9	10975.1
65°	10228.4	10097.9	10301.3	10823.5	11165.2	10686.2	9967.3	9592.8	9902.1	10593.1	11118.1
66°	10240.9	10030.7	10291.7	10907.0	11272.6	10764.9	9932.8	9509.2	9870.4	10671.8	11252.5
67°	10210.2	9949.1	10246.6	10970.3	11363.8	10812.0	9851.2	9368.2	9785.0	10738.0	11381.1
68°	10153.5	9813.8	10182.3	11015.4	11425.3	10816.8	9733.2	9103.2	9644.9	10776.4	11499.2
69°	10028.8	9497.2	10038.4	11009.7	11459.8	10780.3	9536.6	8621.4	9405.5	10761.1	11585.5
70°	9779.2	8955.4	9751.4	10955.0	11460.8	10700.6	9205.9	7930.3	8998.6	10688.1	11641.2
71°	9345.9	8145.3	9267.3	10835.9	11414.7	10558.6	8690.4	7180.1	8420.8	10558.6	11652.7
72°	8649.9	7148.5	8516.7	10626.7	11295.7	10364.7	8024.7	6578.7	7747.5	10364.7	11604.7
73°	7707.7	6102.1	7590.7	10327.3	11052.9	10073.9	7353.9	6074.6	7117.9	10042.2	11462.7
74°	6642.5	5051.9	6546.7	9852.2	10668.9	9690.0	6733.4	5433.2	6497.0	9633.3	11192.0
75°	5514.0	3735.7	5362.8	9121.2	10189.1	9208.3	6020.1	4266.9	5751.6	9131.6	10776.4
76°	4235.8	2362.8	4051.7	8198.0	9528.6	8587.3	4958.3	2700.5	4609.8	8500.7	10160.3
77°	3014.3	991.8	2890.4	7089.4	8556.4	7740.5	3497.2	1221.5	3107.7	7683.9	9206.3
78°	1792.7	411.0	1729.0	5702.8	7205.7	6584.4	2036.0	891.2	1542.4	6576.1	7774.9
79°	591.9	263.2	570.3	3966.9	5573.9	5060.7	581.4	570.9	1091.5	5020.9	5987.1
80°	309.3	224.5	308.7	2541.3	3960.9	3569.7	312.6	250.6	678.9	3075.6	4056.2
81°	258.9	185.8	257.2	1116.2	2347.9	2078.7	264.7	216.7	266.2	1369.1	2098.9
82°	208.4	158.2	205.7	457.7	769.7	612.0	231.2	189.7	220.4	978.0	723.2
83°	158.2	132.7	154.7	356.9	388.6	336.4	197.7	162.7	188.8	615.6	530.6
84°	128.1	109.8	124.8	256.1	315.5	274.4	164.3	135.3	156.6	253.1	340.2
85°	98.5	84.0	94.7	156.4	256.5	212.4	133.5	106.7	125.5	189.0	284.6
86°	71.0	56.8	67.2	112.0	197.6	150.5	104.6	79.9	96.9	145.4	224.7
87°	50.3	39.4	47.6	75.0	139.0	111.5	77.8	53.1	69.5	107.7	154.0
88°	29.5	22.0	27.9	52.2	94.9	76.3	53.7	26.3	42.2	86.9	77.9
89°	8.9	4.8	8.7	29.4	50.8	52.9	29.6	8.4	14.8	66.1	59.3

REPORT NUMBER: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

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: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

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: P1445108
CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

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: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	5948.7	5948.7	5948.7
1°	5948.0	5946.0	5947.8
2°	5950.2	5947.3	5947.3
3°	5954.4	5951.1	5950.8
4°	5961.7	5957.3	5954.9
5°	5971.5	5964.3	5960.6
6°	5982.6	5973.8	5970.3
7°	5996.5	5986.3	5981.7
8°	6012.1	6000.1	5995.0
9°	6031.1	6017.9	6012.1
10°	6052.9	6039.6	6032.6
11°	6080.4	6063.8	6058.3
12°	6110.7	6093.2	6086.3
13°	6142.6	6123.8	6117.7
14°	6177.9	6158.9	6152.9
15°	6218.8	6199.0	6193.1
16°	6264.5	6242.2	6234.7
17°	6312.9	6287.5	6278.6
18°	6363.0	6333.6	6323.1
19°	6416.6	6382.7	6369.5
20°	6471.9	6433.3	6418.5
21°	6529.4	6486.3	6467.7
22°	6587.8	6540.8	6517.7
23°	6647.6	6600.0	6570.9
24°	6708.4	6661.2	6625.8
25°	6771.0	6725.8	6685.2
26°	6834.6	6791.9	6745.0
27°	6899.9	6859.0	6810.3
28°	6967.2	6926.8	6878.4
29°	7034.5	6996.0	6949.0
30°	7103.3	7066.9	7025.4
31°	7173.3	7139.2	7104.6
32°	7245.2	7208.0	7184.5
33°	7318.7	7281.0	7270.4
34°	7392.1	7355.6	7360.5
35°	7468.0	7430.2	7451.4
36°	7544.6	7501.5	7542.3
37°	7616.8	7570.7	7636.7
38°	7692.5	7637.9	7732.6
39°	7767.4	7705.8	7828.7
40°	7842.1	7778.8	7928.1
41°	7919.0	7861.8	8031.2
42°	8001.6	7950.7	8130.9
43°	8088.9	8045.5	8223.3
44°	8184.5	8145.4	8309.8

REPORT NUMBER: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	8284.4	8248.6	8395.0
46°	8393.8	8354.8	8475.4
47°	8505.5	8470.6	8550.7
48°	8617.4	8588.5	8625.7
49°	8735.9	8713.6	8704.7
50°	8854.6	8844.2	8788.0
51°	8982.2	8977.7	8876.0
52°	9113.2	9117.5	8963.6
53°	9245.3	9252.2	9063.5
54°	9387.4	9391.6	9169.7
55°	9529.4	9526.5	9277.5
56°	9674.6	9659.3	9385.2
57°	9821.5	9786.9	9491.1
58°	9972.1	9901.1	9590.0
59°	10125.7	10003.8	9693.8
60°	10284.1	10102.7	9791.7
61°	10438.6	10202.5	9875.2
62°	10593.1	10299.4	9946.2
63°	10749.6	10377.2	10019.2
64°	10902.2	10436.7	10110.4
65°	11055.7	10509.6	10210.2
66°	11203.5	10609.4	10270.6
67°	11334.1	10675.7	10281.2
68°	11426.2	10683.3	10274.5
69°	11518.4	10629.6	10162.2
70°	11572.1	10500.0	9764.8
71°	11541.4	10180.4	8974.4
72°	11385.9	9545.7	7941.0
73°	11167.1	8651.6	6942.0
74°	10829.2	7652.7	5977.4
75°	10199.6	6535.7	4549.4
76°	9337.2	5119.9	2651.3
77°	8298.2	3300.4	1043.2
78°	6967.4	1552.4	761.1
79°	5093.2	1100.8	505.6
80°	2821.6	689.6	250.1
81°	1253.9	278.4	221.9
82°	903.3	229.0	196.2
83°	579.0	196.0	171.2
84°	254.8	164.0	145.4
85°	194.5	131.5	118.6
86°	151.2	101.3	87.9
87°	111.2	74.0	59.7
88°	89.4	46.7	31.7
89°	68.0	19.4	13.0

REPORT NUMBER: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

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: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

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: P1445108

CATALOG NUMBER: XAS300-SFPM (5000K-300W-T5)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)