

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: P1445105

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

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445105
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-T3-HSS)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 100% (300W)
OPTICS - TYPE 3 WITH HOUSE SIDE SHIELD
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: 38376 (1 lamp)
Luminaire Lumens: 36833 lumens
Efficiency: 96.0%
Efficacy: 122.9 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type III - Short - Full Cutoff
BUG Rating: B4 - U0 - G4

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

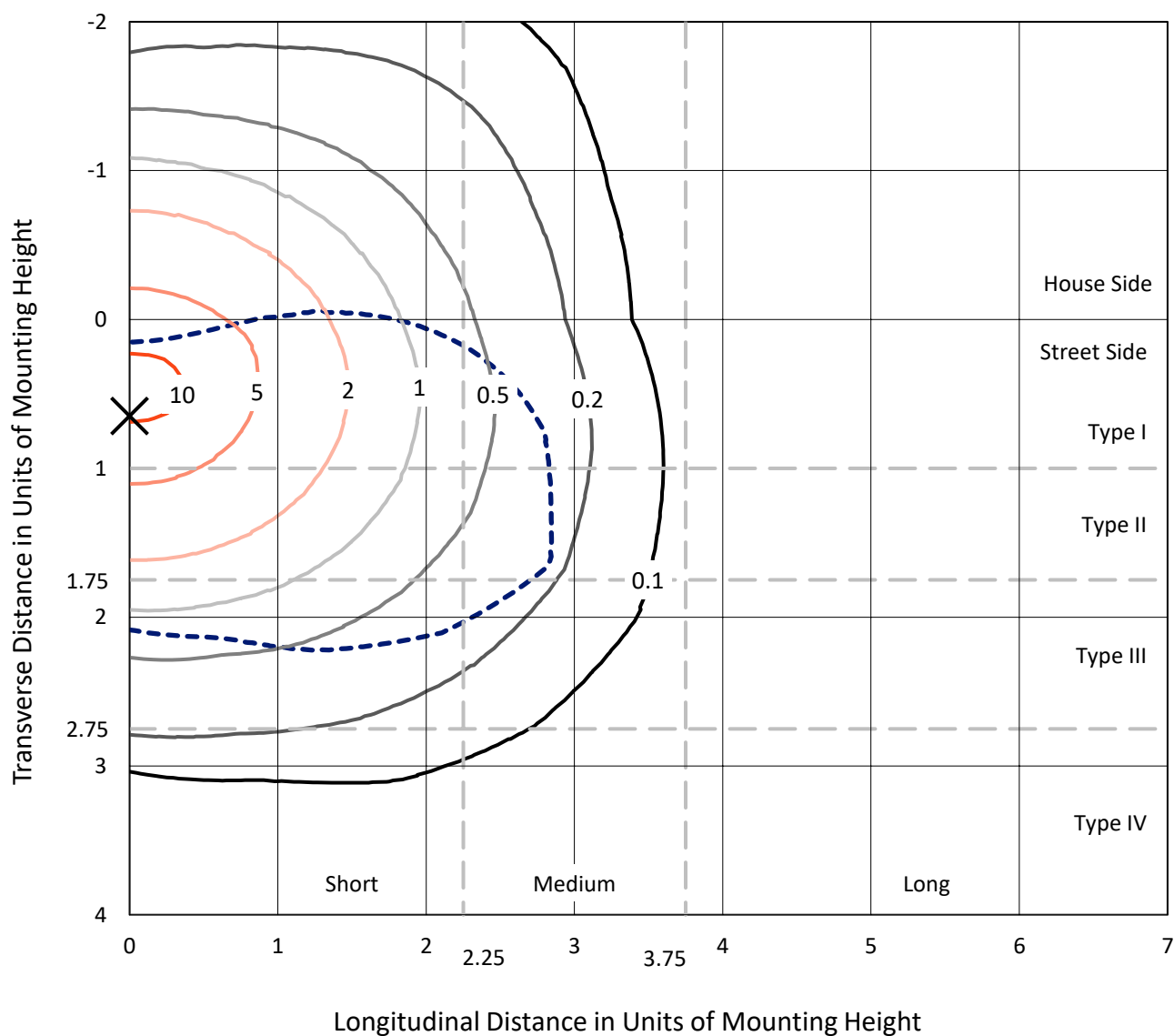
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

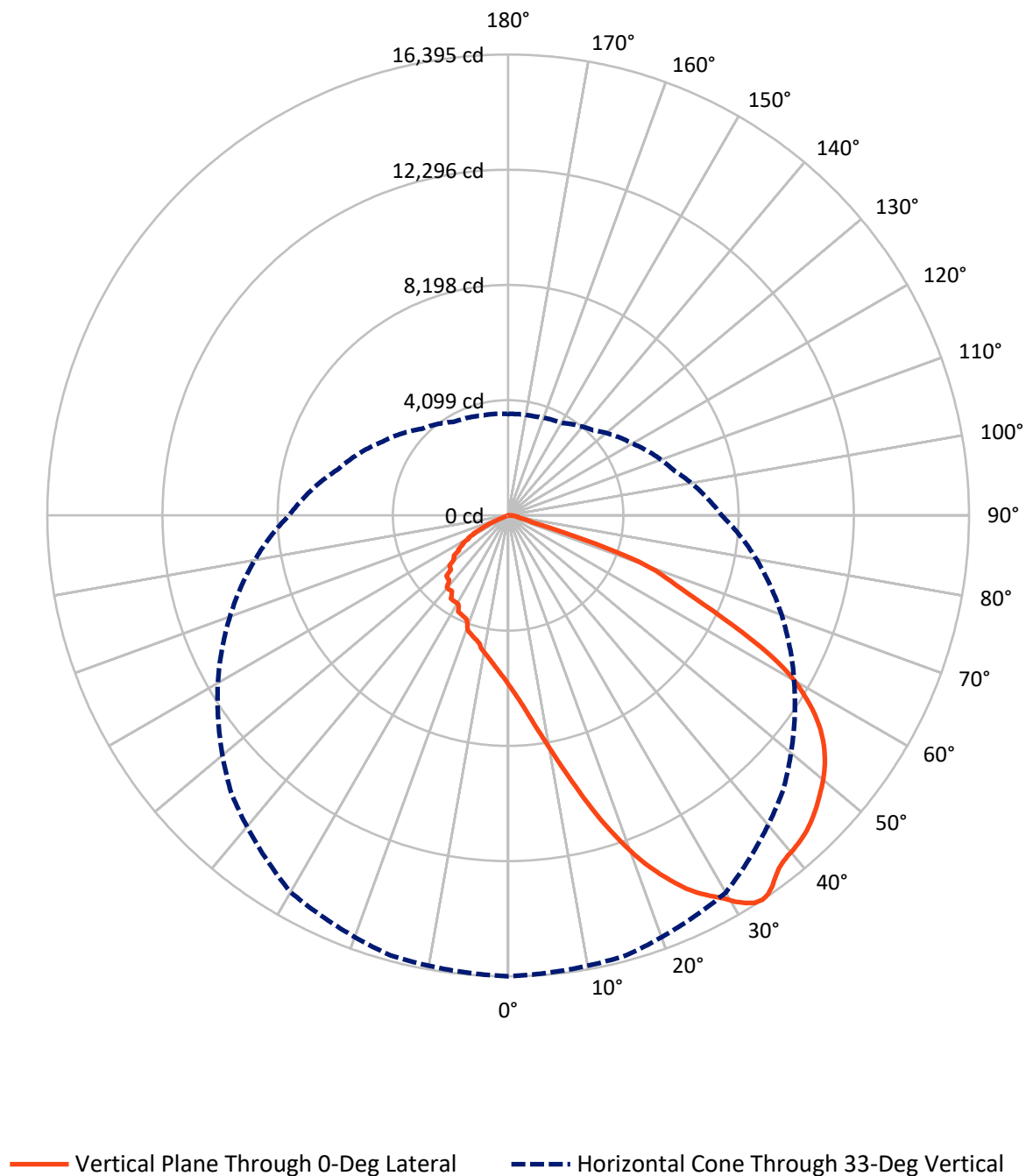


Based on 30 foot mounting height. Maximum calculated value = 12 fc
 Type III - Short - Full Cutoff

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Luminous Intensity Polar Plot



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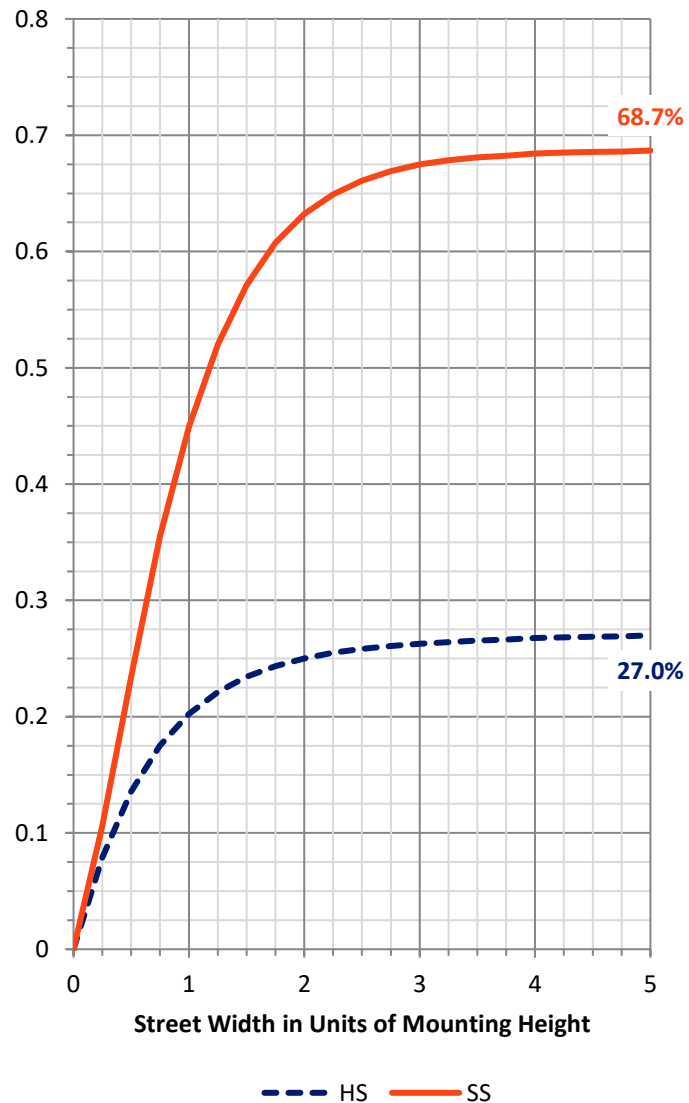
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10428.9	0.0	10428.9
	% Lamp	27.2	0.0	27.2
Street Side	Lumens	26404.0	0.0	26404.0
	% Lamp	68.8	0.0	68.8
Total	Lumens	36833.0	0.0	36833.0
	% Lamp	96.0	0.0	96.0

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	600.8	1.6	1.6
10°-20°	2023.2	5.5	5.3
20°-30°	3838.3	10.4	10.0
30°-40°	5654.9	15.4	14.7
40°-50°	6892.3	18.7	18.0
50°-60°	7539.2	20.5	19.6
60°-70°	6670.6	18.1	17.4
70°-80°	3304.5	9.0	8.6
80°-90°	309.2	0.8	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°	36833.0	100.0	96.0
0°-180°	36833.0	100.0	96.0

Coefficient of Utilization



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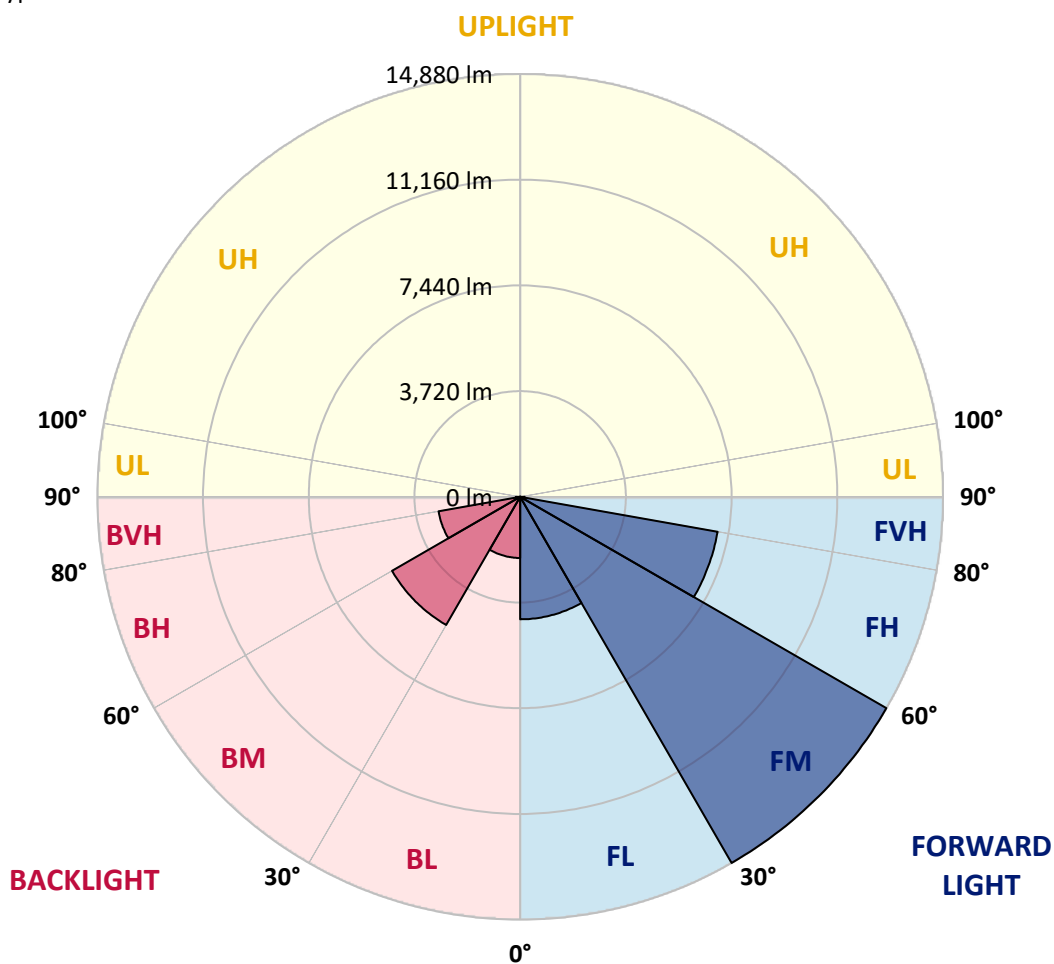
CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3-HSS)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4310.7	11.2			
FM	(30°-60°)	14879.7	38.8			
FH	(60°-80°)	7056.7	18.4			G3/7500
FVH	(80°-90°)	156.9	0.4			G2/225
BL	(0°-30°)	2151.6	5.6	B3/2500		
BM	(30°-60°)	5206.7	13.6	B4/8500		
BH	(60°-80°)	2918.4	7.6	B4/5000		G4/5000
BVH	(80°-90°)	152.2	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		1543.0	4.0			

BUG Rating: B4-U0-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9
1°	6219.4	6217.6	6203.0	6180.9	6150.5	6112.6	6054.1	6015.0	5978.2	5949.4	5928.0
2°	6396.8	6386.7	6351.7	6299.8	6232.3	6155.4	6054.6	5976.6	5906.5	5849.5	5807.5
3°	6588.7	6571.2	6514.2	6431.1	6322.0	6202.1	6060.5	5945.1	5843.3	5759.9	5698.6
4°	6805.0	6775.7	6695.5	6575.8	6423.6	6260.9	6074.4	5921.3	5785.2	5675.3	5598.6
5°	7041.3	7005.1	6893.8	6731.7	6537.9	6326.8	6095.9	5905.0	5734.4	5602.4	5505.8
6°	7300.4	7251.8	7113.2	6907.6	6659.8	6397.4	6118.4	5891.4	5690.3	5533.4	5415.5
7°	7578.5	7521.2	7349.6	7093.4	6790.5	6471.8	6145.2	5879.9	5649.7	5465.1	5332.6
8°	7878.2	7807.4	7602.9	7298.0	6930.4	6551.9	6175.5	5871.9	5611.7	5402.8	5257.5
9°	8200.8	8114.4	7876.6	7513.4	7081.1	6638.9	6210.9	5864.6	5573.6	5347.3	5186.1
10°	8543.9	8444.1	8162.8	7745.3	7239.1	6731.2	6247.1	5861.0	5535.4	5296.3	5118.8
11°	8913.4	8799.4	8477.3	7990.1	7407.8	6832.5	6288.2	5861.0	5501.9	5247.4	5056.2
12°	9309.2	9174.1	8807.5	8246.5	7584.7	6937.6	6317.8	5849.3	5473.6	5198.0	5000.4
13°	9734.1	9575.6	9149.6	8520.1	7776.6	7027.0	6346.2	5834.2	5432.8	5152.1	4947.1
14°	10172.7	10000.9	9512.0	8806.7	7975.7	7122.5	6386.3	5826.0	5394.7	5111.6	4869.5
15°	10630.6	10431.9	9888.6	9103.7	8161.4	7226.9	6430.0	5823.5	5358.5	5059.2	4764.7
16°	11098.0	10876.3	10272.6	9408.4	8359.1	7337.9	6488.2	5835.8	5329.3	5011.0	4716.0
17°	11567.3	11318.7	10665.1	9717.8	8560.1	7460.4	6539.0	5838.6	5309.8	4941.2	4678.7
18°	12022.2	11759.3	11050.0	10027.8	8759.2	7590.0	6596.7	5849.0	5284.9	4862.0	4644.8
19°	12470.5	12189.2	11432.9	10323.4	8973.4	7712.8	6664.2	5875.2	5270.7	4820.2	4616.3
20°	12900.4	12601.0	11803.4	10605.6	9182.2	7845.6	6738.5	5903.1	5266.4	4787.1	4585.7
21°	13307.4	12999.3	12156.6	10896.4	9403.3	7983.7	6814.4	5925.5	5266.0	4759.5	4550.4
22°	13680.7	13373.6	12495.4	11163.2	9607.4	8133.7	6877.2	5923.8	5252.0	4742.8	4511.1
23°	14043.5	13737.4	12829.4	11422.4	9822.4	8286.7	6913.5	5930.3	5223.1	4731.7	4477.0
24°	14379.5	14082.9	13150.0	11675.8	10032.6	8425.2	6961.6	5957.2	5190.1	4709.2	4307.1
25°	14702.0	14406.3	13460.0	11933.9	10236.1	8552.0	7030.9	5969.9	5168.3	4689.4	4178.3
26°	14975.5	14699.1	13763.3	12175.8	10446.3	8661.8	7102.9	5978.5	5145.3	4671.7	4150.0
27°	15215.4	14956.3	14051.2	12412.9	10655.5	8786.2	7148.8	6004.4	5148.5	4648.9	4130.3
28°	15435.2	15186.6	14318.0	12641.3	10862.8	8931.3	7215.9	6032.7	5153.4	4612.3	4109.6
29°	15668.5	15415.1	14554.1	12861.1	11051.9	9091.3	7296.7	6058.3	5149.3	4458.6	4081.1
30°	15943.9	15680.0	14797.0	13087.6	11231.4	9230.3	7385.8	6060.9	5126.3	4357.4	4052.5
31°	16169.5	15918.0	15051.3	13333.3	11381.1	9365.8	7470.4	6069.5	5123.4	4319.1	4034.0
32°	16337.4	16105.2	15287.4	13588.6	11549.1	9502.1	7536.4	6096.5	5126.8	4294.3	4011.5
33°	16395.0	16203.1	15487.1	13831.4	11750.6	9654.5	7596.6	6126.2	5110.8	4283.6	3798.3
34°	16340.3	16179.1	15596.5	14050.3	11955.1	9822.4	7674.3	6141.7	5105.8	4279.8	3754.5
35°	16188.7	16055.2	15581.1	14206.7	12148.0	9992.3	7767.1	6166.8	5110.1	4275.9	3736.5
36°	15993.8	15884.4	15475.5	14299.8	12321.7	10153.5	7859.5	6210.9	5105.1	4260.2	3727.0
37°	15820.1	15696.3	15330.6	14301.7	12427.3	10277.4	7925.3	6235.1	5099.9	4243.5	3732.4
38°	15724.1	15571.5	15186.6	14245.1	12485.8	10384.8	7990.6	6255.7	5080.2	4205.5	3735.5
39°	15668.5	15506.2	15086.8	14176.9	12493.5	10472.2	8086.1	6278.0	4946.4	4060.4	3727.5
40°	15627.2	15462.1	15031.2	14126.1	12465.7	10524.0	8171.9	6296.2	4875.5	4069.0	3684.9
41°	15579.2	15426.6	14995.6	14096.3	12458.9	10553.8	8232.2	6326.9	4897.9	4096.3	3538.4
42°	15517.8	15388.2	14963.0	14072.3	12478.1	10580.6	8268.9	6335.9	4927.9	4105.3	3544.2
43°	15440.0	15341.2	14928.5	14062.7	12504.0	10614.2	8289.1	6357.8	4933.4	4103.6	3537.7
44°	15345.0	15283.6	14888.1	14064.7	12537.6	10643.0	8298.4	6366.8	4917.6	4119.4	3503.2

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

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	15230.8	15210.6	14836.3	14062.7	12577.0	10685.3	8318.1	6403.4	4936.2	4133.1	3479.3
46°	15105.1	15120.4	14775.9	14046.4	12607.7	10741.9	8344.9	6401.8	4961.4	4093.0	3364.4
47°	14972.6	15026.4	14705.8	14023.4	12632.7	10803.3	8355.2	6332.5	4958.3	3923.5	3230.7
48°	14835.4	14923.7	14627.1	14004.2	12658.6	10857.1	8398.8	6330.3	4974.6	3903.7	3229.7
49°	14699.1	14813.3	14534.9	13973.5	12688.3	10898.3	8448.1	6358.7	4898.3	3913.5	3218.3
50°	14554.1	14698.1	14435.1	13921.6	12701.8	10933.8	8493.0	6389.0	4800.7	3909.5	3203.6
51°	14390.0	14564.7	14322.8	13860.2	12719.0	10965.5	8531.1	6391.6	4804.2	3888.7	3027.2
52°	14203.8	14411.1	14198.1	13791.1	12740.2	10981.8	8544.8	6407.6	4782.4	3799.9	2988.0
53°	13997.5	14236.5	14063.7	13718.2	12746.9	10986.6	8491.1	6436.1	4812.6	3686.5	3000.3
54°	13761.4	14024.3	13916.8	13633.7	12732.5	10995.3	8431.7	6406.2	4827.3	3693.1	3008.1
55°	13492.6	13777.7	13760.4	13532.0	12697.0	10986.6	8411.2	6400.2	4827.1	3688.5	2898.7
56°	13180.7	13490.7	13580.0	13415.8	12649.0	10960.7	8399.2	6385.8	4805.2	3663.5	2816.1
57°	12829.4	13164.4	13370.7	13289.2	12593.3	10935.8	8381.5	6372.8	4739.7	3493.2	2817.8
58°	12434.0	12795.8	13126.0	13151.9	12522.3	10921.4	8326.9	6312.9	4706.8	3524.4	2753.1
59°	12002.1	12389.8	12862.0	12994.5	12444.5	10896.4	8280.8	6251.7	4708.6	3569.3	2619.0
60°	11504.9	11942.6	12555.9	12815.0	12346.6	10857.1	8225.1	6229.7	4706.0	3606.1	2625.3
61°	10881.1	11419.5	12218.0	12601.0	12221.9	10790.8	8159.1	6172.9	4686.1	3485.7	2495.0
62°	10140.1	10803.3	11831.2	12352.4	12080.8	10700.6	8050.8	6117.2	4630.8	3473.3	2468.5
63°	9298.9	10100.8	11396.5	12065.4	11915.7	10559.5	7929.1	6042.3	4637.2	3486.8	2414.5
64°	8440.8	9351.1	10900.3	11750.6	11721.8	10371.4	7779.8	5945.4	4607.7	3418.9	2313.7
65°	7659.8	8609.9	10358.0	11402.2	11505.9	10147.8	7635.9	5884.0	4502.8	3426.5	2230.3
66°	6982.9	7887.7	9778.3	11000.1	11254.4	9947.2	7449.4	5781.8	4491.9	3367.7	2192.8
67°	6450.6	7231.2	9189.2	10561.4	10968.4	9720.7	7234.1	5657.0	4530.8	3359.7	2071.0
68°	6022.8	6660.2	8598.5	10066.2	10637.3	9447.2	6916.7	5501.6	4569.7	3366.2	1982.3
69°	5597.2	6169.0	7999.0	9530.9	10241.8	9119.2	6602.0	5312.5	4527.8	3353.2	1893.7
70°	4934.2	5662.8	7407.3	8975.7	9793.6	8699.7	6117.1	5040.5	4424.2	3367.3	1805.9
71°	3881.9	5004.5	6830.4	8410.4	9306.3	8157.5	5476.8	4667.8	4343.6	3360.1	1774.9
72°	2638.7	4093.5	6249.1	7847.4	8780.2	7553.8	4849.4	4274.4	4255.4	3434.9	1762.7
73°	1542.4	2988.7	5618.9	7275.1	8208.3	6822.5	4262.2	3927.1	4079.2	3403.2	1708.6
74°	871.0	1912.3	4928.2	6691.8	7562.2	6028.2	3720.7	3638.8	3896.6	3394.1	1715.9
75°	726.5	1124.1	4158.2	6052.9	6850.5	5168.0	3075.2	3338.3	3732.0	3365.5	1680.8
76°	600.4	911.7	3300.7	5317.6	6033.2	4253.1	2162.7	2907.6	3593.6	3284.2	1596.6
77°	474.3	703.0	2489.1	4401.7	5113.7	3155.0	1252.6	2175.3	3465.4	3115.6	1469.4
78°	423.7	494.3	1865.4	3275.8	4079.7	2010.5	579.1	1443.2	3359.5	2842.4	1301.3
79°	389.8	436.0	1364.3	2086.9	3041.4	1053.0	289.0	714.1	3046.2	2376.8	1127.8
80°	359.2	391.4	983.0	1130.0	2038.0	794.4	248.7	531.8	2258.8	1911.1	991.2
81°	330.3	352.0	786.5	880.0	1152.8	537.7	208.5	349.5	1471.6	1448.4	1012.6
82°	302.8	318.0	592.5	653.7	855.0	281.0	168.4	169.8	689.9	1186.4	951.2
83°	275.0	288.6	398.5	427.5	565.1	232.7	143.9	134.8	518.3	1012.2	761.6
84°	246.0	257.8	336.6	375.3	275.1	198.5	120.0	105.7	346.8	800.9	524.0
85°	217.1	226.7	268.3	327.2	216.5	164.0	96.9	82.0	175.8	570.2	346.2
86°	187.2	196.5	210.6	278.9	173.3	128.7	74.5	62.1	147.5	457.0	245.9
87°	156.2	167.8	173.8	224.6	136.1	96.8	53.1	45.6	115.4	343.8	145.8
88°	128.1	138.9	139.3	160.7	103.8	72.8	37.5	32.5	75.4	230.6	88.8
89°	105.6	110.0	105.4	94.6	79.7	49.0	21.9	19.5	52.1	117.4	60.7



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

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445105

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

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1445105
CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445105

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9	6062.9
1°	5916.6	5914.6	5924.6	5944.8	5971.4	6006.8	6044.2	6066.9	6103.3	6138.9	6170.6
2°	5784.5	5778.8	5794.5	5829.2	5878.8	5943.5	6016.0	6079.9	6155.0	6230.5	6297.1
3°	5663.2	5654.2	5673.5	5720.2	5791.4	5884.5	5992.7	6096.0	6212.0	6328.0	6434.6
4°	5552.2	5539.7	5564.2	5620.4	5711.0	5830.9	5972.2	6118.4	6276.4	6435.3	6582.4
5°	5447.2	5431.7	5459.9	5528.3	5636.6	5781.7	5955.8	6142.2	6342.2	6551.8	6745.5
6°	5347.1	5329.1	5359.5	5436.7	5565.0	5735.1	5943.1	6170.4	6413.7	6673.2	6920.0
7°	5253.4	5233.3	5266.4	5353.2	5493.2	5691.9	5932.2	6201.3	6491.3	6805.4	7105.2
8°	5167.7	5142.4	5179.5	5278.2	5429.9	5649.2	5922.9	6232.9	6573.5	6945.2	7302.9
9°	5083.4	5053.1	5094.5	5204.2	5373.4	5606.6	5913.9	6268.1	6659.4	7093.2	7516.5
10°	5003.8	4971.1	5015.4	5132.3	5319.1	5566.2	5909.5	6306.5	6751.1	7249.0	7742.8
11°	4933.7	4897.5	4941.0	5066.8	5266.2	5532.0	5908.4	6353.0	6849.7	7415.8	7984.9
12°	4870.9	4818.3	4872.8	5006.1	5216.5	5505.0	5894.0	6382.7	6954.5	7591.1	8239.5
13°	4753.8	4674.1	4756.7	4948.4	5167.2	5462.5	5886.2	6420.3	7043.7	7781.0	8511.7
14°	4661.3	4613.3	4662.1	4871.6	5124.3	5426.4	5878.1	6454.3	7140.1	7972.8	8794.3
15°	4612.7	4560.7	4610.1	4759.1	5071.6	5393.6	5878.5	6501.4	7240.2	8157.1	9095.9
16°	4566.6	4512.1	4562.7	4712.2	5026.3	5369.9	5883.3	6560.0	7351.7	8353.1	9403.5
17°	4526.3	4466.8	4522.4	4674.1	4968.0	5345.0	5892.9	6612.7	7481.8	8554.9	9723.6
18°	4482.8	4416.0	4478.0	4640.8	4891.1	5327.0	5909.4	6673.1	7597.7	8768.4	10030.7
19°	4439.0	4367.8	4435.5	4614.8	4841.2	5322.3	5937.5	6748.8	7729.1	8983.7	10331.1
20°	4394.9	4314.6	4395.3	4584.7	4810.6	5324.8	5967.0	6828.1	7861.3	9210.6	10631.5
21°	4345.1	4132.0	4350.7	4548.5	4790.8	5325.0	5987.3	6899.1	8010.5	9431.9	10916.6
22°	4121.2	3997.9	4139.7	4514.3	4778.9	5313.6	5993.4	6962.0	8164.1	9654.5	11189.1
23°	4034.2	3960.6	4052.4	4487.7	4768.0	5294.4	6013.1	7007.9	8313.2	9878.1	11460.8
24°	4002.2	3934.7	4024.3	4318.9	4747.7	5276.0	6049.0	7067.2	8451.7	10097.9	11728.5
25°	3981.9	3913.2	4004.8	4205.6	4728.2	5260.3	6064.1	7148.1	8574.4	10319.6	11977.1
26°	3962.8	3890.6	3988.0	4187.9	4716.6	5234.9	6085.3	7217.9	8701.5	10538.4	12230.5
27°	3942.0	3874.0	3970.0	4172.8	4690.6	5245.9	6119.7	7278.9	8842.9	10756.3	12475.3
28°	3926.8	3853.9	3956.2	4150.9	4659.2	5253.9	6153.9	7356.4	9005.4	10959.8	12722.9
29°	3908.8	3684.6	3940.0	4124.6	4510.8	5239.7	6175.8	7448.6	9169.2	11158.4	12962.8
30°	3714.8	3615.1	3743.1	4102.2	4412.9	5220.3	6181.5	7543.0	9308.8	11342.7	13206.6
31°	3659.0	3607.6	3689.1	4082.6	4374.1	5220.0	6206.1	7629.6	9471.1	11526.0	13466.7
32°	3649.0	3607.9	3679.4	4059.4	4356.7	5224.4	6243.6	7700.3	9646.8	11723.7	13704.7
33°	3642.8	3606.4	3674.2	3846.2	4351.7	5206.4	6284.2	7790.4	9837.8	11922.4	13937.0
34°	3635.6	3598.9	3666.1	3803.1	4349.0	5204.8	6301.5	7896.7	10008.6	12123.0	14131.8
35°	3622.9	3591.7	3653.4	3784.9	4344.9	5205.1	6339.4	8001.6	10159.3	12311.1	14261.4
36°	3608.8	3455.2	3637.5	3778.1	4326.7	5199.1	6384.4	8102.4	10290.8	12437.8	14307.5
37°	3466.4	3357.8	3476.7	3784.0	4311.9	5190.6	6413.6	8171.1	10399.2	12506.9	14291.2
38°	3351.5	3360.0	3380.4	3784.6	4267.1	5173.0	6438.4	8244.7	10482.7	12524.2	14224.9
39°	3343.6	3369.6	3371.5	3783.7	4127.1	5044.7	6444.9	8323.2	10540.3	12508.8	14149.1
40°	3341.7	3373.8	3365.2	3731.2	4150.3	4979.1	6452.5	8374.8	10574.9	12500.2	14096.3
41°	3324.2	3358.3	3344.7	3599.1	4179.4	4999.2	6459.6	8411.6	10592.2	12508.8	14065.6
42°	3287.7	3172.8	3308.3	3604.3	4177.3	5025.1	6468.7	8444.7	10622.9	12527.1	14059.9
43°	3104.9	3109.4	3129.2	3589.9	4181.7	5009.0	6488.9	8472.4	10655.5	12553.0	14072.3
44°	3032.6	3104.6	3064.8	3555.9	4194.9	4999.2	6508.9	8491.9	10700.6	12582.8	14078.1

REPORT NUMBER: P1445105

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	3026.6	3094.1	3059.7	3533.1	4208.4	5018.5	6543.7	8524.2	10753.4	12611.5	14074.3
46°	3016.0	3074.8	3046.2	3392.5	4147.0	5051.0	6518.8	8545.8	10808.1	12649.0	14070.4
47°	2988.2	2808.7	3023.4	3297.1	3993.7	5055.8	6456.0	8565.4	10854.2	12691.2	14057.9
48°	2757.2	2783.4	2795.2	3296.8	3981.8	5073.9	6466.9	8610.5	10893.5	12724.8	14033.9
49°	2743.8	2763.0	2790.4	3279.2	3992.5	4975.9	6498.1	8650.6	10934.8	12750.7	13990.8
50°	2741.6	2743.1	2791.0	3270.4	3982.5	4912.6	6523.1	8684.6	10971.3	12776.6	13935.1
51°	2738.6	2525.1	2791.5	3084.6	3965.7	4917.9	6526.6	8711.3	10990.5	12790.1	13877.5
52°	2572.0	2447.6	2613.9	3059.6	3832.5	4907.6	6541.8	8708.9	10997.2	12792.0	13816.1
53°	2520.1	2431.9	2569.5	3074.6	3771.7	4940.6	6560.5	8636.6	11004.9	12778.5	13741.2
54°	2505.1	2400.1	2553.8	3088.2	3781.1	4944.1	6535.7	8570.7	10993.4	12745.0	13654.8
55°	2472.4	2145.1	2508.4	2951.6	3780.5	4945.3	6530.0	8546.4	10963.6	12698.9	13563.6
56°	2264.9	2143.7	2313.8	2897.6	3754.4	4938.4	6507.5	8529.9	10929.0	12649.9	13455.2
57°	2269.0	2018.9	2320.9	2898.7	3604.8	4853.0	6491.6	8505.5	10904.1	12586.6	13322.7
58°	2127.2	1895.8	2166.1	2804.7	3645.4	4841.1	6402.6	8444.5	10872.4	12508.8	13163.4
59°	2044.2	1900.8	2098.9	2713.4	3695.2	4841.6	6366.7	8386.0	10830.2	12417.7	12980.1
60°	1973.3	1625.4	2030.6	2729.7	3728.1	4834.7	6314.5	8310.7	10764.9	12304.4	12778.5
61°	1902.3	1628.9	1962.3	2586.8	3612.3	4799.7	6249.0	8248.0	10681.4	12176.8	12559.7
62°	1826.5	1380.8	1890.7	2575.1	3607.1	4742.3	6175.6	8143.2	10543.2	12021.3	12315.9
63°	1588.9	1371.1	1650.6	2502.8	3598.2	4738.3	6089.3	8017.0	10364.7	11838.9	12036.6
64°	1573.6	1071.3	1618.0	2425.9	3554.0	4692.1	5995.6	7859.0	10146.8	11630.6	11715.1
65°	1334.8	949.1	1387.2	2329.4	3568.0	4575.6	5901.6	7701.5	9942.4	11393.6	11347.5
66°	1159.9	768.2	1195.3	2313.7	3509.5	4592.8	5786.3	7472.2	9713.0	11125.8	10944.4
67°	1055.4	511.6	1044.4	2192.2	3500.1	4621.6	5638.1	7223.5	9446.1	10825.4	10497.1
68°	834.8	255.0	861.6	2093.4	3490.4	4638.1	5452.3	6852.9	9140.4	10477.0	10028.8
69°	555.1	0.6	579.8	1994.6	3477.9	4541.1	5234.8	6447.4	8759.4	10083.5	9523.0
70°	537.7	0.5	557.8	1898.0	3494.6	4413.8	4900.9	5856.2	8297.0	9634.3	8973.1
71°	536.6	0.5	538.2	1870.4	3478.1	4294.5	4471.6	5169.4	7696.8	9141.6	8381.4
72°	510.6	0.5	498.2	1847.1	3545.1	4172.0	4069.7	4538.3	7050.8	8608.7	7799.9
73°	459.0	0.5	425.8	1775.2	3488.2	3976.9	3764.0	3969.8	6267.4	7998.6	7204.5
74°	395.3	0.5	337.7	1748.1	3407.9	3797.8	3493.6	3368.8	5432.5	7296.8	6598.8
75°	317.1	0.5	279.0	1676.5	3325.6	3660.7	3080.3	2558.2	4562.2	6503.4	5930.9
76°	238.4	0.5	258.0	1568.5	3149.3	3531.1	2334.4	1582.8	3599.8	5639.6	5192.6
77°	181.2	0.5	287.2	1427.3	2890.7	3395.5	1588.3	763.0	2484.6	4685.5	4252.9
78°	195.8	0.6	328.2	1261.2	2559.9	3107.6	850.5	500.9	1409.4	3655.9	3049.4
79°	270.6	0.7	264.6	1124.3	2162.8	2347.1	355.7	253.1	1036.0	2653.8	1849.2
80°	284.0	0.8	201.1	1051.3	1765.6	1586.8	266.0	214.5	670.5	1716.0	943.0
81°	227.7	0.9	137.5	983.6	1373.7	826.7	177.8	186.8	305.0	937.3	756.5
82°	171.4	1.0	73.0	838.9	1147.6	610.6	142.7	161.2	253.5	697.9	589.9
83°	115.3	1.2	38.5	541.8	888.8	394.5	115.9	137.1	218.2	476.5	423.2
84°	67.1	1.4	30.6	390.7	582.5	179.7	94.0	113.4	185.6	255.0	371.7
85°	40.6	1.6	22.7	239.6	416.3	148.8	74.3	90.5	152.5	200.7	323.5
86°	31.3	1.8	15.0	92.4	250.1	119.3	56.6	67.9	119.0	159.6	273.9
87°	22.0	2.0	12.7	54.1	85.3	88.3	41.2	45.3	89.3	124.5	217.6
88°	12.7	2.3	10.4	37.5	58.5	60.7	29.1	26.6	64.7	94.0	148.3
89°	8.0	2.5	7.2	20.9	31.8	33.1	17.1	11.6	40.1	73.2	83.7

REPORT NUMBER: P1445105

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445105

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

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1445105
CATALOG NUMBER: XAS300-SFPM (5000K-300W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445105

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	6062.9	6062.9	6062.9
1°	6196.6	6211.6	6219.4
2°	6350.9	6384.6	6396.8
3°	6518.0	6571.8	6588.7
4°	6702.0	6780.3	6805.0
5°	6903.8	7007.7	7041.3
6°	7121.1	7257.5	7300.4
7°	7358.3	7523.4	7578.5
8°	7606.0	7809.3	7878.2
9°	7877.9	8116.5	8200.8
10°	8163.1	8446.4	8543.9
11°	8470.3	8799.9	8913.4
12°	8795.3	9172.1	9309.2
13°	9141.1	9573.6	9734.1
14°	9501.3	9994.2	10172.7
15°	9880.0	10428.0	10630.6
16°	10268.7	10875.3	11098.0
17°	10674.7	11330.2	11567.3
18°	11069.2	11780.4	12022.2
19°	11455.0	12209.4	12470.5
20°	11831.2	12623.1	12900.4
21°	12195.0	13017.5	13307.4
22°	12534.8	13383.2	13680.7
23°	12864.0	13745.0	14043.5
24°	13180.7	14096.3	14379.5
25°	13495.5	14425.5	14702.0
26°	13807.4	14731.7	14975.5
27°	14101.1	14992.8	15215.4
28°	14360.3	15219.3	15435.2
29°	14600.2	15449.6	15668.5
30°	14844.0	15708.8	15943.9
31°	15098.3	15946.8	16169.5
32°	15323.9	16118.6	16337.4
33°	15475.5	16199.2	16395.0
34°	15543.7	16179.1	16340.3
35°	15516.8	16055.2	16188.7
36°	15430.4	15876.7	15993.8
37°	15291.3	15692.4	15820.1
38°	15160.7	15573.4	15724.1
39°	15075.3	15506.2	15668.5
40°	15021.6	15468.8	15627.2
41°	14987.0	15437.1	15579.2
42°	14949.6	15400.7	15517.8
43°	14912.1	15359.4	15440.0
44°	14874.7	15304.7	15345.0

REPORT NUMBER: P1445105

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	14829.6	15229.8	15230.8
46°	14778.7	15136.7	15105.1
47°	14722.1	15035.0	14972.6
48°	14653.0	14924.6	14835.4
49°	14563.7	14813.3	14699.1
50°	14456.2	14698.1	14554.1
51°	14339.2	14570.5	14390.0
52°	14207.7	14422.7	14203.8
53°	14071.4	14243.2	13997.5
54°	13929.3	14031.1	13761.4
55°	13778.6	13780.6	13492.6
56°	13602.0	13495.5	13180.7
57°	13394.7	13177.8	12829.4
58°	13144.2	12801.6	12434.0
59°	12867.8	12393.7	12002.1
60°	12557.8	11951.2	11504.9
61°	12204.6	11449.2	10881.1
62°	11814.0	10841.7	10140.1
63°	11382.1	10140.1	9298.9
64°	10914.6	9375.6	8440.8
65°	10386.8	8619.1	7659.8
66°	9816.7	7914.7	6982.9
67°	9227.7	7282.4	6450.6
68°	8620.3	6708.2	6022.8
69°	8044.8	6196.0	5597.2
70°	7495.9	5690.0	4934.2
71°	6926.6	5065.3	3881.9
72°	6305.5	4194.0	2638.7
73°	5683.0	3095.1	1542.4
74°	5027.4	2051.4	871.0
75°	4197.7	1248.3	726.5
76°	3305.5	1002.1	600.4
77°	2528.0	758.0	474.3
78°	1910.1	513.8	423.7
79°	1410.8	444.7	389.8
80°	952.4	397.2	359.2
81°	766.8	356.5	330.3
82°	583.5	322.5	302.8
83°	400.2	295.3	275.0
84°	335.1	263.1	246.0
85°	265.2	229.0	217.1
86°	211.8	197.7	187.2
87°	173.2	167.8	156.2
88°	137.2	138.6	128.1
89°	102.0	109.5	105.6

REPORT NUMBER: P1445105

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	0.0	0.0	0.0
91°	0.0	0.0	0.0
92°	0.0	0.0	0.0
93°	0.0	0.0	0.0
94°	0.0	0.0	0.0
95°	0.0	0.0	0.0
96°	0.0	0.0	0.0
97°	0.0	0.0	0.0
98°	0.0	0.0	0.0
99°	0.0	0.0	0.0
100°	0.0	0.0	0.0
101°	0.0	0.0	0.0
102°	0.0	0.0	0.0
103°	0.0	0.0	0.0
104°	0.0	0.0	0.0
105°	0.0	0.0	0.0
106°	0.0	0.0	0.0
107°	0.0	0.0	0.0
108°	0.0	0.0	0.0
109°	0.0	0.0	0.0
110°	0.0	0.0	0.0
111°	0.0	0.0	0.0
112°	0.0	0.0	0.0
113°	0.0	0.0	0.0
114°	0.0	0.0	0.0
115°	0.0	0.0	0.0
116°	0.0	0.0	0.0
117°	0.0	0.0	0.0
118°	0.0	0.0	0.0
119°	0.0	0.0	0.0
120°	0.0	0.0	0.0
121°	0.0	0.0	0.0
122°	0.0	0.0	0.0
123°	0.0	0.0	0.0
124°	0.0	0.0	0.0
125°	0.0	0.0	0.0
126°	0.0	0.0	0.0
127°	0.0	0.0	0.0
128°	0.0	0.0	0.0
129°	0.0	0.0	0.0
130°	0.0	0.0	0.0
131°	0.0	0.0	0.0
132°	0.0	0.0	0.0
133°	0.0	0.0	0.0
134°	0.0	0.0	0.0

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	0.0	0.0	0.0
136°	0.0	0.0	0.0
137°	0.0	0.0	0.0
138°	0.0	0.0	0.0
139°	0.0	0.0	0.0
140°	0.0	0.0	0.0
141°	0.0	0.0	0.0
142°	0.0	0.0	0.0
143°	0.0	0.0	0.0
144°	0.0	0.0	0.0
145°	0.0	0.0	0.0
146°	0.0	0.0	0.0
147°	0.0	0.0	0.0
148°	0.0	0.0	0.0
149°	0.0	0.0	0.0
150°	0.0	0.0	0.0
151°	0.0	0.0	0.0
152°	0.0	0.0	0.0
153°	0.0	0.0	0.0
154°	0.0	0.0	0.0
155°	0.0	0.0	0.0
156°	0.0	0.0	0.0
157°	0.0	0.0	0.0
158°	0.0	0.0	0.0
159°	0.0	0.0	0.0
160°	0.0	0.0	0.0
161°	0.0	0.0	0.0
162°	0.0	0.0	0.0
163°	0.0	0.0	0.0
164°	0.0	0.0	0.0
165°	0.0	0.0	0.0
166°	0.0	0.0	0.0
167°	0.0	0.0	0.0
168°	0.0	0.0	0.0
169°	0.0	0.0	0.0
170°	0.0	0.0	0.0
171°	0.0	0.0	0.0
172°	0.0	0.0	0.0
173°	0.0	0.0	0.0
174°	0.0	0.0	0.0
175°	0.0	0.0	0.0
176°	0.0	0.0	0.0
177°	0.0	0.0	0.0
178°	0.0	0.0	0.0
179°	0.0	0.0	0.0



REPORT NUMBER: P1445105

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

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)