

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: P1445087

Luminaire Tested: XAS300-SFPM (5000K-120W-T3-HSS)

Issue Date: 5/5/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445087
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-120W-T3-HSS)
Description: XAS300 ALL-SELECTABLE AREA SITE LUMINAIRE.
LUMEN OUTPUT - 40% (120W)
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: 17739.2 lumens
Efficiency: 46.2%
Efficacy: 140.8 lumens/watt
Luminous Opening: Rectangular (W 0.32m x L: 0.46m x H: 0m)
IES Classification: Type III - Short - Full Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 126
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

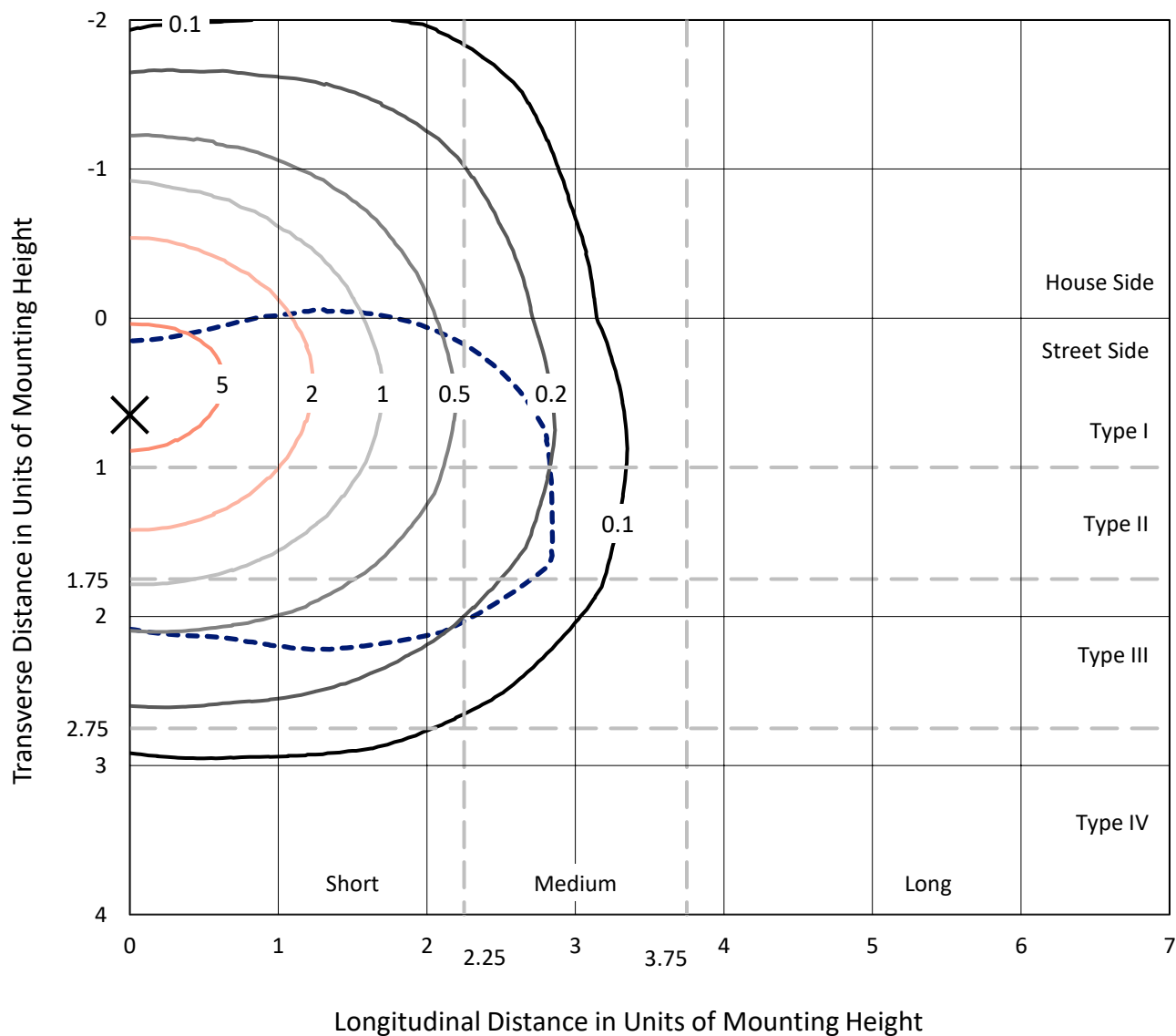
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

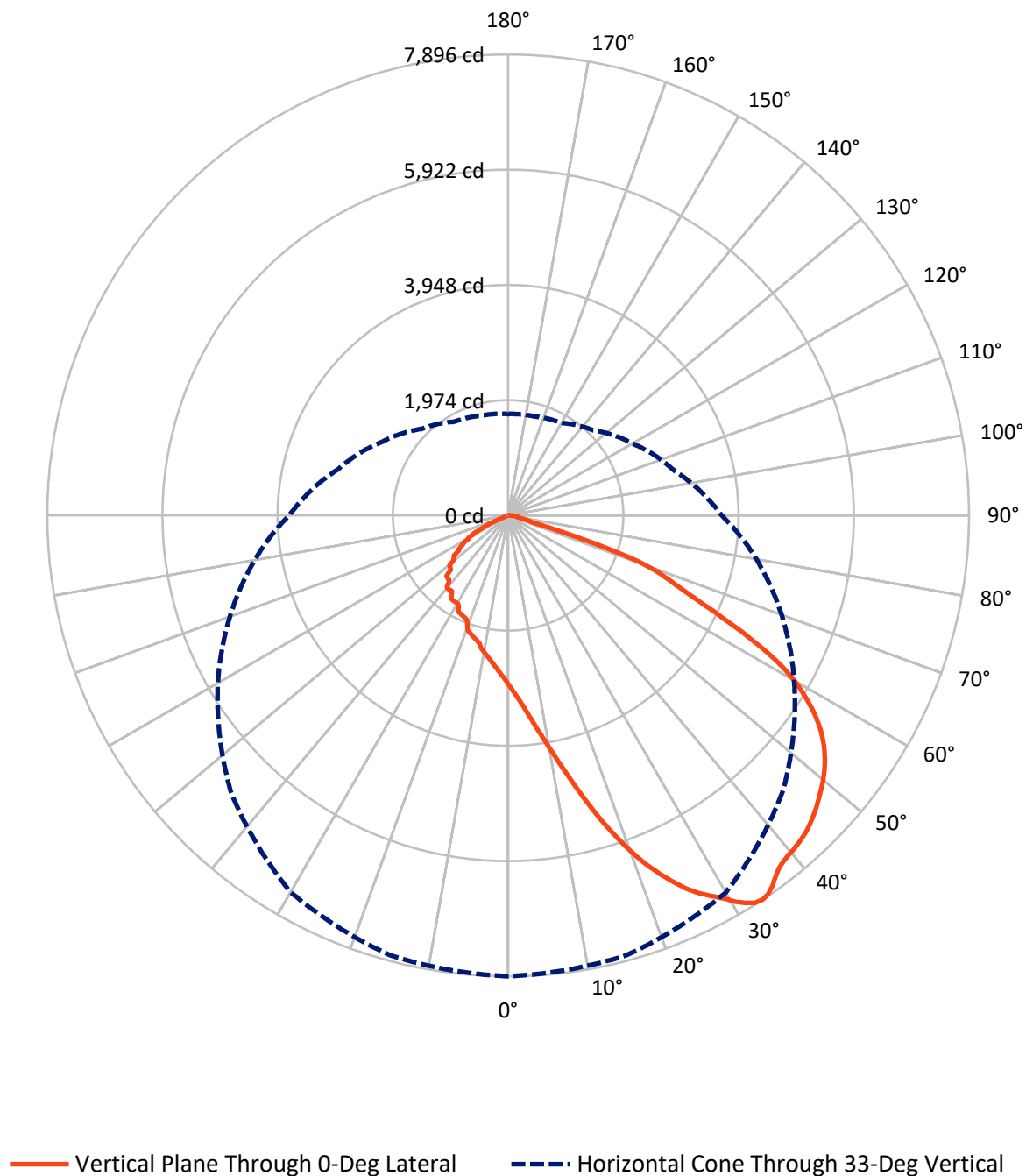


Based on 25 foot mounting height. Maximum calculated value = 8.3 fc
 Type III - Short - Full Cutoff

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Luminous Intensity Polar Plot



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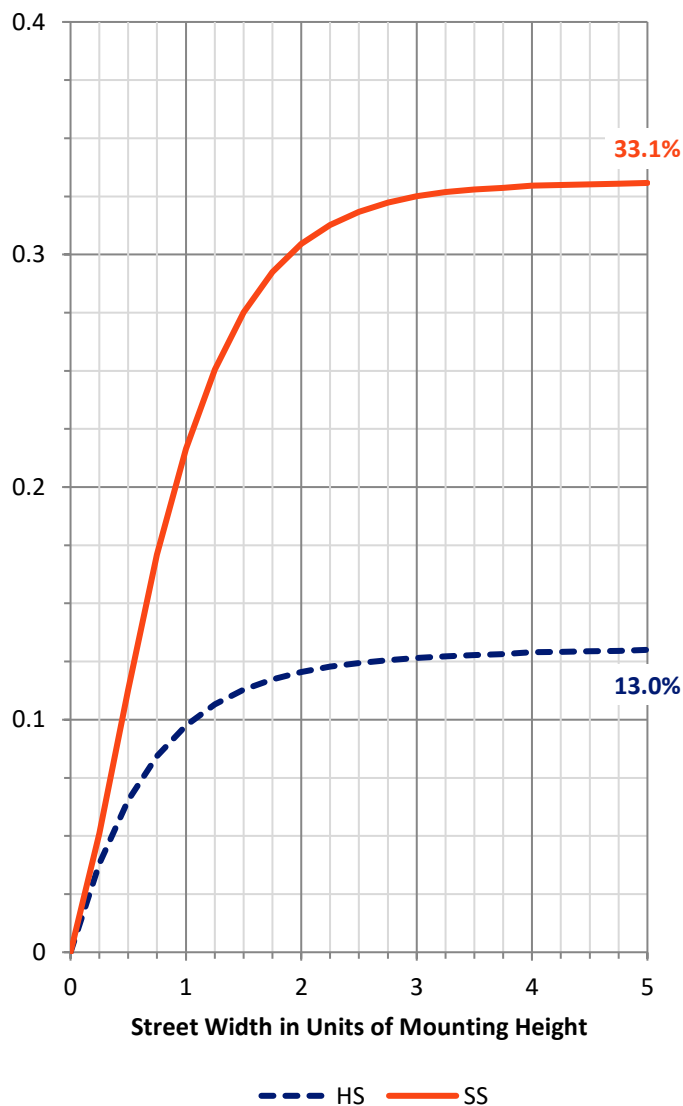
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5022.7	0.0	5022.7
	% Lamp	13.1	0.0	13.1
Street Side	Lumens	12716.5	0.0	12716.5
	% Lamp	33.1	0.0	33.1
Total	Lumens	17739.2	0.0	17739.2
	% Lamp	46.2	0.0	46.2

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	289.3	1.6	0.8
10°-20°	974.4	5.5	2.5
20°-30°	1848.6	10.4	4.8
30°-40°	2723.5	15.4	7.1
40°-50°	3319.4	18.7	8.6
50°-60°	3631.0	20.5	9.5
60°-70°	3212.6	18.1	8.4
70°-80°	1591.5	9.0	4.1
80°-90°	148.9	0.8	0.4
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°	17739.2	100.0	46.2
0°-180°	17739.2	100.0	46.2

Coefficient of Utilization



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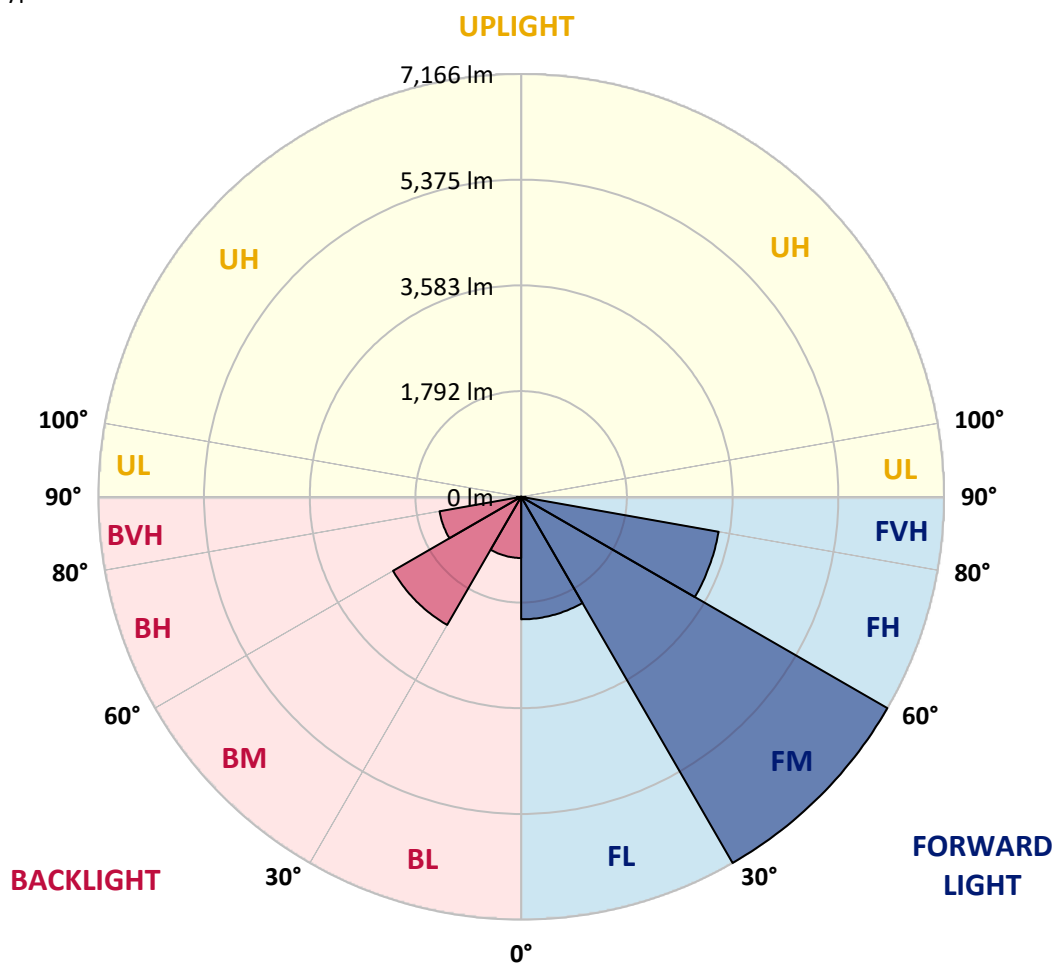
CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3-HSS)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2076.1	5.4			
FM	(30°-60°)	7166.2	18.7			
FH	(60°-80°)	3398.6	8.9			G2/5000
FVH	(80°-90°)	75.6	0.2			G1/100
BL	(0°-30°)	1036.2	2.7	B3/2500		
BM	(30°-60°)	2507.6	6.5	B3/5000		
BH	(60°-80°)	1405.5	3.7	B3/2500		G3/2500
BVH	(80°-90°)	73.3	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		20636.8	53.8			

BUG Rating: B3-U0-G3

Type III Short



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CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3-HSS)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9
1°	2995.3	2994.5	2987.4	2976.8	2962.1	2943.9	2915.7	2896.9	2879.2	2865.3	2855.0
2°	3080.8	3075.9	3059.1	3034.1	3001.5	2964.5	2916.0	2878.4	2844.6	2817.2	2796.9
3°	3173.2	3164.8	3137.3	3097.3	3044.7	2987.0	2918.8	2863.2	2814.2	2774.1	2744.5
4°	3277.3	3263.2	3224.6	3167.0	3093.7	3015.3	2925.5	2851.8	2786.2	2733.3	2696.4
5°	3391.1	3373.7	3320.1	3242.1	3148.7	3047.1	2935.8	2843.9	2761.8	2698.2	2651.7
6°	3516.0	3492.6	3425.8	3326.8	3207.5	3081.1	2946.7	2837.4	2740.5	2665.0	2608.2
7°	3649.9	3622.3	3539.7	3416.2	3270.4	3116.9	2959.6	2831.8	2720.9	2632.1	2568.2
8°	3794.2	3760.2	3661.7	3514.8	3337.8	3155.4	2974.2	2828.0	2702.6	2602.1	2532.1
9°	3949.6	3908.0	3793.5	3618.5	3410.3	3197.4	2991.3	2824.4	2684.3	2575.3	2497.7
10°	4114.8	4066.8	3931.3	3730.2	3486.4	3241.8	3008.7	2822.7	2665.9	2550.7	2465.3
11°	4292.8	4237.9	4082.8	3848.1	3567.7	3290.6	3028.5	2822.7	2649.8	2527.2	2435.1
12°	4483.4	4418.3	4241.8	3971.6	3652.9	3341.2	3042.7	2817.1	2636.2	2503.4	2408.2
13°	4688.1	4611.7	4406.6	4103.4	3745.3	3384.3	3056.4	2809.8	2616.5	2481.3	2382.6
14°	4899.3	4816.6	4581.1	4241.4	3841.2	3430.3	3075.7	2805.9	2598.2	2461.8	2345.2
15°	5119.8	5024.1	4762.5	4384.5	3930.6	3480.5	3096.7	2804.7	2580.7	2436.6	2294.8
16°	5344.9	5238.1	4947.4	4531.2	4025.9	3534.0	3124.8	2810.6	2566.6	2413.4	2271.3
17°	5570.9	5451.2	5136.4	4680.2	4122.6	3593.0	3149.3	2812.0	2557.3	2379.7	2253.3
18°	5790.0	5663.4	5321.8	4829.5	4218.5	3655.4	3177.0	2816.9	2545.2	2341.6	2237.0
19°	6005.9	5870.5	5506.2	4971.9	4321.7	3714.6	3209.5	2829.6	2538.4	2321.5	2223.2
20°	6213.0	6068.8	5684.7	5107.8	4422.3	3778.6	3245.4	2843.0	2536.4	2305.5	2208.5
21°	6409.0	6260.6	5854.8	5247.8	4528.7	3845.0	3281.9	2853.8	2536.2	2292.2	2191.5
22°	6588.8	6440.9	6017.9	5376.3	4627.0	3917.3	3312.1	2853.0	2529.4	2284.2	2172.6
23°	6763.5	6616.1	6178.8	5501.1	4730.6	3991.0	3329.6	2856.1	2515.5	2278.9	2156.2
24°	6925.3	6782.5	6333.2	5623.2	4831.8	4057.7	3352.8	2869.0	2499.6	2268.0	2074.4
25°	7080.6	6938.3	6482.5	5747.5	4929.8	4118.8	3386.2	2875.2	2489.1	2258.5	2012.3
26°	7212.4	7079.2	6628.6	5864.0	5031.0	4171.6	3420.8	2879.3	2478.0	2250.0	1998.7
27°	7327.9	7203.1	6767.2	5978.2	5131.8	4231.5	3443.0	2891.8	2479.6	2239.0	1989.2
28°	7433.8	7314.1	6895.7	6088.2	5231.7	4301.4	3475.3	2905.4	2481.9	2221.4	1979.2
29°	7546.1	7424.1	7009.4	6194.0	5322.7	4378.4	3514.1	2917.8	2480.0	2147.3	1965.5
30°	7678.8	7551.6	7126.4	6303.1	5409.2	4445.4	3557.1	2919.0	2468.9	2098.6	1951.7
31°	7787.4	7666.3	7248.9	6421.5	5481.3	4510.7	3597.8	2923.1	2467.5	2080.1	1942.8
32°	7868.3	7756.4	7362.6	6544.4	5562.2	4576.3	3629.6	2936.2	2469.1	2068.2	1932.0
33°	7896.0	7803.6	7458.7	6661.4	5659.2	4649.7	3658.6	2950.4	2461.4	2063.0	1829.3
34°	7869.7	7792.0	7511.4	6766.8	5757.7	4730.6	3696.0	2957.9	2459.0	2061.2	1808.2
35°	7796.6	7732.4	7504.0	6842.1	5850.6	4812.4	3740.7	2970.0	2461.1	2059.3	1799.6
36°	7702.8	7650.1	7453.2	6886.9	5934.3	4890.1	3785.2	2991.3	2458.7	2051.8	1795.0
37°	7619.1	7559.5	7383.4	6887.9	5985.1	4949.7	3816.9	3002.9	2456.2	2043.7	1797.6
38°	7572.9	7499.4	7314.1	6860.6	6013.3	5001.5	3848.4	3012.8	2446.7	2025.4	1799.0
39°	7546.1	7468.0	7266.0	6827.8	6017.0	5043.5	3894.3	3023.6	2382.3	1955.5	1795.2
40°	7526.2	7446.7	7239.2	6803.3	6003.6	5068.5	3935.7	3032.3	2348.1	1959.7	1774.7
41°	7503.1	7429.6	7222.1	6788.9	6000.4	5082.8	3964.7	3047.1	2358.9	1972.8	1704.1
42°	7473.5	7411.1	7206.4	6777.4	6009.6	5095.8	3982.4	3051.4	2373.3	1977.1	1706.9
43°	7436.1	7388.5	7189.7	6772.8	6022.1	5111.9	3992.1	3062.0	2376.0	1976.3	1703.8
44°	7390.3	7360.7	7170.3	6773.7	6038.3	5125.8	3996.6	3066.3	2368.4	1983.9	1687.2

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	7335.3	7325.6	7145.3	6772.8	6057.2	5146.1	4006.1	3083.9	2377.3	1990.6	1675.7
46°	7274.8	7282.2	7116.2	6764.9	6072.0	5173.4	4019.0	3083.2	2389.5	1971.2	1620.3
47°	7211.0	7236.9	7082.5	6753.8	6084.0	5203.0	4024.0	3049.8	2388.0	1889.6	1556.0
48°	7144.9	7187.4	7044.6	6744.6	6096.5	5228.9	4044.9	3048.8	2395.8	1880.1	1555.4
49°	7079.2	7134.2	7000.2	6729.8	6110.8	5248.8	4068.7	3062.4	2359.1	1884.8	1550.0
50°	7009.4	7078.8	6952.1	6704.8	6117.3	5265.9	4090.3	3077.0	2312.1	1882.9	1542.9
51°	6930.4	7014.5	6898.0	6675.2	6125.6	5281.1	4108.7	3078.3	2313.8	1872.8	1457.9
52°	6840.7	6940.6	6837.9	6642.0	6135.8	5289.0	4115.2	3086.0	2303.3	1830.1	1439.1
53°	6741.3	6856.4	6773.2	6606.8	6139.0	5291.3	4089.4	3099.7	2317.8	1775.5	1445.0
54°	6627.6	6754.3	6702.5	6566.1	6132.1	5295.4	4060.8	3085.3	2324.9	1778.7	1448.7
55°	6498.2	6635.5	6627.2	6517.2	6115.0	5291.3	4050.9	3082.4	2324.8	1776.4	1396.1
56°	6348.0	6497.3	6540.3	6461.2	6091.9	5278.8	4045.2	3075.5	2314.2	1764.4	1356.3
57°	6178.8	6340.1	6439.5	6400.2	6065.1	5266.8	4036.6	3069.2	2282.7	1682.4	1357.1
58°	5988.3	6162.6	6321.6	6334.1	6030.9	5259.9	4010.3	3040.4	2266.8	1697.4	1325.9
59°	5780.3	5967.1	6194.5	6258.3	5993.4	5247.8	3988.1	3010.9	2267.7	1719.0	1261.3
60°	5540.9	5751.7	6047.1	6171.9	5946.3	5228.9	3961.3	3000.3	2266.5	1736.7	1264.4
61°	5240.4	5499.8	5884.3	6068.8	5886.2	5197.0	3929.5	2973.0	2256.9	1678.8	1201.6
62°	4883.6	5203.0	5698.1	5949.1	5818.2	5153.5	3877.3	2946.1	2230.2	1672.8	1188.8
63°	4478.5	4864.6	5488.7	5810.8	5738.7	5085.6	3818.7	2910.0	2233.3	1679.3	1162.9
64°	4065.2	4503.6	5249.7	5659.2	5645.4	4995.0	3746.8	2863.4	2219.1	1646.6	1114.3
65°	3689.1	4146.6	4988.5	5491.4	5541.4	4887.3	3677.6	2833.8	2168.6	1650.3	1074.2
66°	3363.0	3798.8	4709.3	5297.8	5420.3	4790.7	3587.7	2784.6	2163.3	1621.9	1056.1
67°	3106.7	3482.6	4425.6	5086.5	5282.5	4681.6	3484.0	2724.5	2182.1	1618.1	997.4
68°	2900.7	3207.6	4141.1	4848.0	5123.0	4549.9	3331.1	2649.6	2200.8	1621.2	954.7
69°	2695.7	2971.1	3852.4	4590.2	4932.6	4391.9	3179.6	2558.6	2180.6	1614.9	912.0
70°	2376.4	2727.3	3567.4	4322.8	4716.7	4189.9	2946.1	2427.6	2130.8	1621.7	869.8
71°	1869.6	2410.2	3289.6	4050.5	4482.0	3928.7	2637.7	2248.1	2091.9	1618.3	854.8
72°	1270.8	1971.5	3009.7	3779.4	4228.6	3638.0	2335.5	2058.6	2049.4	1654.3	849.0
73°	742.8	1439.4	2706.1	3503.7	3953.2	3285.8	2052.7	1891.4	1964.6	1639.0	822.9
74°	419.5	921.0	2373.5	3222.8	3642.1	2903.2	1791.9	1752.5	1876.7	1634.6	826.4
75°	349.9	541.4	2002.6	2915.1	3299.3	2489.0	1481.1	1607.8	1797.4	1620.9	809.5
76°	289.2	439.1	1589.7	2561.0	2905.7	2048.3	1041.6	1400.3	1730.7	1581.7	768.9
77°	228.4	338.6	1198.8	2119.9	2462.8	1519.5	603.3	1047.7	1669.0	1500.5	707.7
78°	204.1	238.1	898.4	1577.7	1964.8	968.3	278.9	695.1	1618.0	1368.9	626.7
79°	187.7	210.0	657.1	1005.1	1464.8	507.1	139.2	343.9	1467.1	1144.7	543.2
80°	173.0	188.5	473.4	544.2	981.5	382.6	119.8	256.1	1087.9	920.4	477.4
81°	159.1	169.5	378.8	423.8	555.2	259.0	100.4	168.3	708.8	697.6	487.7
82°	145.8	153.2	285.3	314.8	411.8	135.4	81.1	81.8	332.3	571.4	458.1
83°	132.4	139.0	191.9	205.9	272.1	112.1	69.3	64.9	249.6	487.5	366.8
84°	118.5	124.1	162.1	180.7	132.5	95.6	57.8	50.9	167.0	385.7	252.4
85°	104.6	109.2	129.2	157.6	104.3	79.0	46.7	39.5	84.6	274.6	166.7
86°	90.1	94.6	101.4	134.3	83.4	62.0	35.9	29.9	71.0	220.1	118.4
87°	75.2	80.8	83.7	108.2	65.5	46.6	25.6	22.0	55.6	165.6	70.2
88°	61.7	66.9	67.1	77.4	50.0	35.0	18.1	15.7	36.3	111.0	42.8
89°	50.9	53.0	50.7	45.6	38.4	23.6	10.5	9.4	25.1	56.5	29.2



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CATALOG NUMBER: XAS300-SFPM (5000K-120W-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: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-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: P1445087
CATALOG NUMBER: XAS300-SFPM (5000K-120W-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: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9	2919.9
1°	2849.5	2848.5	2853.4	2863.1	2875.9	2892.9	2911.0	2921.9	2939.4	2956.5	2971.8
2°	2785.9	2783.1	2790.7	2807.4	2831.3	2862.4	2897.4	2928.2	2964.3	3000.7	3032.8
3°	2727.5	2723.1	2732.4	2754.9	2789.2	2834.1	2886.1	2935.9	2991.8	3047.7	3099.0
4°	2674.0	2668.0	2679.8	2706.8	2750.5	2808.2	2876.3	2946.7	3022.8	3099.3	3170.1
5°	2623.5	2616.0	2629.6	2662.5	2714.7	2784.5	2868.4	2958.2	3054.5	3155.4	3248.7
6°	2575.2	2566.6	2581.2	2618.4	2680.2	2762.1	2862.2	2971.8	3088.9	3213.9	3332.8
7°	2530.1	2520.4	2536.4	2578.2	2645.6	2741.3	2857.0	2986.6	3126.3	3277.6	3421.9
8°	2488.8	2476.6	2494.5	2542.1	2615.1	2720.7	2852.5	3001.8	3165.8	3344.9	3517.2
9°	2448.2	2433.6	2453.6	2506.4	2587.9	2700.2	2848.2	3018.8	3207.2	3416.2	3620.0
10°	2409.9	2394.1	2415.5	2471.8	2561.7	2680.7	2846.1	3037.3	3251.4	3491.2	3729.0
11°	2376.1	2358.7	2379.6	2440.2	2536.3	2664.3	2845.6	3059.7	3298.9	3571.5	3845.6
12°	2345.9	2320.5	2346.8	2411.0	2512.3	2651.3	2838.6	3074.0	3349.4	3656.0	3968.3
13°	2289.5	2251.1	2290.9	2383.2	2488.6	2630.8	2834.8	3092.1	3392.3	3747.4	4099.3
14°	2244.9	2221.8	2245.3	2346.2	2467.9	2613.4	2831.0	3108.5	3438.8	3839.8	4235.4
15°	2221.5	2196.5	2220.3	2292.0	2442.5	2597.6	2831.1	3131.1	3487.0	3928.5	4380.7
16°	2199.3	2173.1	2197.5	2269.5	2420.7	2586.2	2833.5	3159.4	3540.7	4022.9	4528.8
17°	2179.9	2151.3	2178.0	2251.1	2392.7	2574.2	2838.1	3184.8	3603.3	4120.1	4683.0
18°	2158.9	2126.8	2156.6	2235.1	2355.6	2565.5	2846.0	3213.8	3659.2	4223.0	4830.9
19°	2137.9	2103.6	2136.2	2222.6	2331.6	2563.3	2859.6	3250.3	3722.4	4326.6	4975.6
20°	2116.7	2078.0	2116.8	2208.0	2316.8	2564.5	2873.8	3288.5	3786.1	4436.0	5120.3
21°	2092.7	1990.0	2095.3	2190.6	2307.3	2564.6	2883.6	3322.7	3858.0	4542.5	5257.5
22°	1984.8	1925.4	1993.7	2174.2	2301.5	2559.1	2886.5	3353.0	3931.9	4649.7	5388.8
23°	1942.9	1907.5	1951.7	2161.3	2296.3	2549.9	2896.0	3375.1	4003.7	4757.4	5519.6
24°	1927.5	1895.0	1938.1	2080.0	2286.5	2541.0	2913.3	3403.6	4070.4	4863.2	5648.6
25°	1917.7	1884.7	1928.8	2025.5	2277.1	2533.4	2920.5	3442.6	4129.5	4970.0	5768.3
26°	1908.5	1873.7	1920.7	2016.9	2271.5	2521.2	2930.8	3476.2	4190.7	5075.4	5890.4
27°	1898.5	1865.7	1912.0	2009.7	2259.0	2526.5	2947.3	3505.6	4258.8	5180.3	6008.2
28°	1891.2	1856.1	1905.4	1999.1	2243.9	2530.3	2963.8	3542.9	4337.1	5278.3	6127.5
29°	1882.5	1774.5	1897.5	1986.4	2172.4	2523.5	2974.3	3587.3	4416.0	5374.0	6243.0
30°	1789.1	1741.1	1802.7	1975.7	2125.3	2514.1	2977.1	3632.8	4483.2	5462.8	6360.5
31°	1762.2	1737.5	1776.7	1966.2	2106.6	2514.0	2988.9	3674.5	4561.4	5551.1	6485.7
32°	1757.4	1737.6	1772.1	1955.1	2098.3	2516.1	3007.0	3708.6	4646.0	5646.3	6600.4
33°	1754.4	1736.9	1769.6	1852.4	2095.8	2507.5	3026.5	3751.9	4738.0	5742.0	6712.2
34°	1750.9	1733.3	1765.6	1831.6	2094.5	2506.7	3034.9	3803.1	4820.3	5838.6	6806.1
35°	1744.8	1729.8	1759.5	1822.9	2092.6	2506.8	3053.1	3853.7	4892.8	5929.2	6868.5
36°	1738.0	1664.1	1751.9	1819.6	2083.8	2504.0	3074.8	3902.2	4956.2	5990.2	6890.6
37°	1669.4	1617.2	1674.4	1822.4	2076.7	2499.9	3088.8	3935.3	5008.4	6023.5	6882.8
38°	1614.1	1618.2	1628.0	1822.7	2055.1	2491.4	3100.8	3970.8	5048.6	6031.8	6850.9
39°	1610.3	1622.8	1623.8	1822.3	1987.6	2429.6	3104.0	4008.6	5076.3	6024.4	6814.4
40°	1609.4	1624.9	1620.7	1797.0	1998.8	2398.0	3107.6	4033.4	5093.0	6020.2	6788.9
41°	1601.0	1617.4	1610.9	1733.4	2012.8	2407.7	3111.0	4051.1	5101.3	6024.4	6774.2
42°	1583.4	1528.0	1593.3	1735.9	2011.8	2420.2	3115.4	4067.1	5116.1	6033.2	6771.4
43°	1495.4	1497.5	1507.0	1728.9	2013.9	2412.4	3125.1	4080.4	5131.8	6045.7	6777.4
44°	1460.5	1495.2	1476.0	1712.6	2020.3	2407.7	3134.7	4089.8	5153.5	6060.0	6780.2

REPORT NUMBER: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1457.6	1490.2	1473.6	1701.6	2026.8	2417.0	3151.5	4105.4	5179.0	6073.9	6778.3
46°	1452.5	1480.8	1467.1	1633.9	1997.3	2432.6	3139.5	4115.8	5205.3	6091.9	6776.5
47°	1439.1	1352.7	1456.1	1587.9	1923.4	2435.0	3109.3	4125.2	5227.5	6112.2	6770.5
48°	1327.9	1340.5	1346.2	1587.8	1917.7	2443.6	3114.5	4146.9	5246.4	6128.4	6758.9
49°	1321.5	1330.7	1343.9	1579.3	1922.8	2396.4	3129.6	4166.2	5266.3	6140.9	6738.1
50°	1320.4	1321.1	1344.2	1575.0	1918.0	2365.9	3141.6	4182.6	5283.9	6153.4	6711.3
51°	1319.0	1216.1	1344.4	1485.6	1909.9	2368.5	3143.3	4195.4	5293.1	6159.8	6683.6
52°	1238.7	1178.8	1258.9	1473.5	1845.8	2363.5	3150.6	4194.3	5296.4	6160.8	6654.0
53°	1213.7	1171.2	1237.5	1480.7	1816.5	2379.4	3159.6	4159.5	5300.1	6154.3	6617.9
54°	1206.5	1155.9	1229.9	1487.3	1821.0	2381.1	3147.7	4127.7	5294.5	6138.1	6576.3
55°	1190.7	1033.1	1208.1	1421.5	1820.7	2381.7	3144.9	4116.0	5280.2	6115.9	6532.4
56°	1090.8	1032.4	1114.4	1395.5	1808.2	2378.4	3134.1	4108.1	5263.6	6092.4	6480.2
57°	1092.8	972.3	1117.8	1396.1	1736.1	2337.3	3126.4	4096.3	5251.5	6061.8	6416.4
58°	1024.5	913.0	1043.2	1350.8	1755.6	2331.5	3083.6	4066.9	5236.3	6024.4	6339.6
59°	984.5	915.5	1010.9	1306.8	1779.6	2331.8	3066.3	4038.8	5215.9	5980.5	6251.4
60°	950.4	782.8	978.0	1314.7	1795.5	2328.5	3041.1	4002.5	5184.5	5925.9	6154.3
61°	916.2	784.5	945.1	1245.8	1739.7	2311.6	3009.6	3972.3	5144.3	5864.5	6048.9
62°	879.6	665.0	910.6	1240.2	1737.2	2283.9	2974.3	3921.8	5077.7	5789.6	5931.5
63°	765.2	660.4	795.0	1205.4	1732.9	2282.0	2932.7	3861.1	4991.8	5701.8	5797.0
64°	757.8	516.0	779.2	1168.3	1711.6	2259.8	2887.5	3785.0	4886.8	5601.4	5642.1
65°	642.8	457.1	668.1	1121.9	1718.4	2203.6	2842.3	3709.1	4788.4	5487.3	5465.1
66°	558.6	370.0	575.7	1114.3	1690.2	2212.0	2786.8	3598.7	4677.9	5358.3	5270.9
67°	508.3	246.4	503.0	1055.8	1685.7	2225.8	2715.4	3478.9	4549.3	5213.6	5055.5
68°	402.1	122.8	415.0	1008.2	1681.0	2233.8	2625.9	3300.5	4402.1	5045.8	4830.0
69°	267.4	0.3	279.2	960.6	1675.0	2187.1	2521.1	3105.2	4218.6	4856.3	4586.4
70°	259.0	0.2	268.6	914.1	1683.0	2125.7	2360.3	2820.4	3995.9	4640.0	4321.5
71°	258.4	0.2	259.2	900.8	1675.1	2068.3	2153.6	2489.6	3706.9	4402.7	4036.6
72°	245.9	0.2	239.9	889.6	1707.4	2009.3	1960.0	2185.7	3395.7	4146.0	3756.5
73°	221.1	0.2	205.1	855.0	1680.0	1915.3	1812.8	1911.9	3018.4	3852.2	3469.8
74°	190.4	0.2	162.6	841.9	1641.3	1829.0	1682.6	1622.5	2616.3	3514.2	3178.1
75°	152.7	0.2	134.4	807.4	1601.7	1763.0	1483.5	1232.1	2197.2	3132.1	2856.4
76°	114.8	0.2	124.2	755.4	1516.8	1700.6	1124.3	762.3	1733.7	2716.1	2500.8
77°	87.3	0.3	138.3	687.4	1392.2	1635.3	765.0	367.5	1196.6	2256.6	2048.2
78°	94.3	0.3	158.1	607.4	1232.9	1496.6	409.6	241.2	678.8	1760.7	1468.6
79°	130.3	0.3	127.4	541.5	1041.6	1130.4	171.3	121.9	498.9	1278.1	890.6
80°	136.8	0.4	96.8	506.3	850.3	764.2	128.1	103.3	322.9	826.4	454.2
81°	109.7	0.4	66.2	473.7	661.6	398.1	85.6	90.0	146.9	451.4	364.3
82°	82.5	0.5	35.2	404.0	552.7	294.1	68.7	77.6	122.1	336.1	284.1
83°	55.5	0.6	18.5	260.9	428.0	190.0	55.8	66.0	105.1	229.5	203.8
84°	32.3	0.7	14.7	188.2	280.5	86.5	45.3	54.6	89.4	122.8	179.0
85°	19.6	0.8	10.9	115.4	200.5	71.7	35.8	43.6	73.5	96.7	155.8
86°	15.1	0.9	7.2	44.5	120.4	57.4	27.2	32.7	57.3	76.8	131.9
87°	10.6	1.0	6.1	26.1	41.1	42.5	19.9	21.8	43.0	60.0	104.8
88°	6.1	1.1	5.0	18.1	28.2	29.2	14.0	12.8	31.1	45.3	71.4
89°	3.8	1.2	3.4	10.1	15.3	15.9	8.2	5.6	19.3	35.3	40.3

REPORT NUMBER: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-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: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-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: P1445087
CATALOG NUMBER: XAS300-SFPM (5000K-120W-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: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	2919.9	2919.9	2919.9
1°	2984.4	2991.6	2995.3
2°	3058.7	3074.9	3080.8
3°	3139.1	3165.1	3173.2
4°	3227.7	3265.5	3277.3
5°	3325.0	3375.0	3391.1
6°	3429.6	3495.3	3516.0
7°	3543.8	3623.3	3649.9
8°	3663.1	3761.0	3794.2
9°	3794.1	3909.0	3949.6
10°	3931.5	4067.9	4114.8
11°	4079.4	4238.1	4292.8
12°	4235.9	4417.4	4483.4
13°	4402.4	4610.8	4688.1
14°	4575.9	4813.3	4899.3
15°	4758.3	5022.3	5119.8
16°	4945.5	5237.7	5344.9
17°	5141.1	5456.8	5570.9
18°	5331.0	5673.6	5790.0
19°	5516.9	5880.2	6005.9
20°	5698.1	6079.4	6213.0
21°	5873.2	6269.4	6409.0
22°	6036.9	6445.5	6588.8
23°	6195.4	6619.8	6763.5
24°	6348.0	6788.9	6925.3
25°	6499.6	6947.5	7080.6
26°	6649.8	7095.0	7212.4
27°	6791.3	7220.7	7327.9
28°	6916.1	7329.8	7433.8
29°	7031.6	7440.7	7546.1
30°	7149.0	7565.5	7678.8
31°	7271.5	7680.2	7787.4
32°	7380.2	7762.9	7868.3
33°	7453.2	7801.7	7896.0
34°	7486.0	7792.0	7869.7
35°	7473.1	7732.4	7796.6
36°	7431.5	7646.4	7702.8
37°	7364.4	7557.7	7619.1
38°	7301.6	7500.3	7572.9
39°	7260.4	7468.0	7546.1
40°	7234.6	7450.0	7526.2
41°	7217.9	7434.7	7503.1
42°	7199.9	7417.1	7473.5
43°	7181.9	7397.3	7436.1
44°	7163.8	7370.9	7390.3

REPORT NUMBER: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	7142.1	7334.9	7335.3
46°	7117.6	7290.0	7274.8
47°	7090.3	7241.0	7211.0
48°	7057.0	7187.9	7144.9
49°	7014.1	7134.2	7079.2
50°	6962.3	7078.8	7009.4
51°	6905.9	7017.3	6930.4
52°	6842.6	6946.1	6840.7
53°	6776.9	6859.7	6741.3
54°	6708.5	6757.5	6627.6
55°	6635.9	6636.9	6498.2
56°	6550.9	6499.6	6348.0
57°	6451.1	6346.6	6178.8
58°	6330.4	6165.4	5988.3
59°	6197.3	5968.9	5780.3
60°	6048.0	5755.8	5540.9
61°	5877.9	5514.1	5240.4
62°	5689.7	5221.5	4883.6
63°	5481.7	4883.6	4478.5
64°	5256.6	4515.4	4065.2
65°	5002.4	4151.1	3689.1
66°	4727.8	3811.8	3363.0
67°	4444.2	3507.3	3106.7
68°	4151.6	3230.7	2900.7
69°	3874.5	2984.0	2695.7
70°	3610.1	2740.4	2376.4
71°	3335.9	2439.5	1869.6
72°	3036.8	2019.9	1270.8
73°	2737.0	1490.6	742.8
74°	2421.3	988.0	419.5
75°	2021.7	601.2	349.9
76°	1592.0	482.6	289.2
77°	1217.5	365.0	228.4
78°	919.9	247.5	204.1
79°	679.4	214.2	187.7
80°	458.7	191.3	173.0
81°	369.3	171.7	159.1
82°	281.0	155.3	145.8
83°	192.7	142.2	132.4
84°	161.4	126.7	118.5
85°	127.7	110.3	104.6
86°	102.0	95.2	90.1
87°	83.4	80.8	75.2
88°	66.1	66.8	61.7
89°	49.1	52.7	50.9

REPORT NUMBER: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-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

REPORT NUMBER: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-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: P1445087

CATALOG NUMBER: XAS300-SFPM (5000K-120W-T3-HSS)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.0	0.0	0.0

(END OF REPORT)