

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1197221

Luminaire Tested: AWPS150S-BZ-BZ-LOW-5000K-POSITION 0

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197221
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LDS)
Test Lab: INNOVATION CENTER
Issue Date: 10/30/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: AWPS150S-BZ-BZ-LOW-5000K-POSITION 0
Description: AWP Architectural
Light Source: 80 CRI, 5000K
Ballast/Driver: -

Summary

Lumens per Lamp: 13500 (1 lamp)
Luminaire Lumens: 14364 lumens
Efficiency: 106.4%
Efficacy: 143.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.4' x L: 0.56' x H: 0.69')
IES Classification: Type II - Short - Cutoff
BUG Rating: B3 - U2 - G1

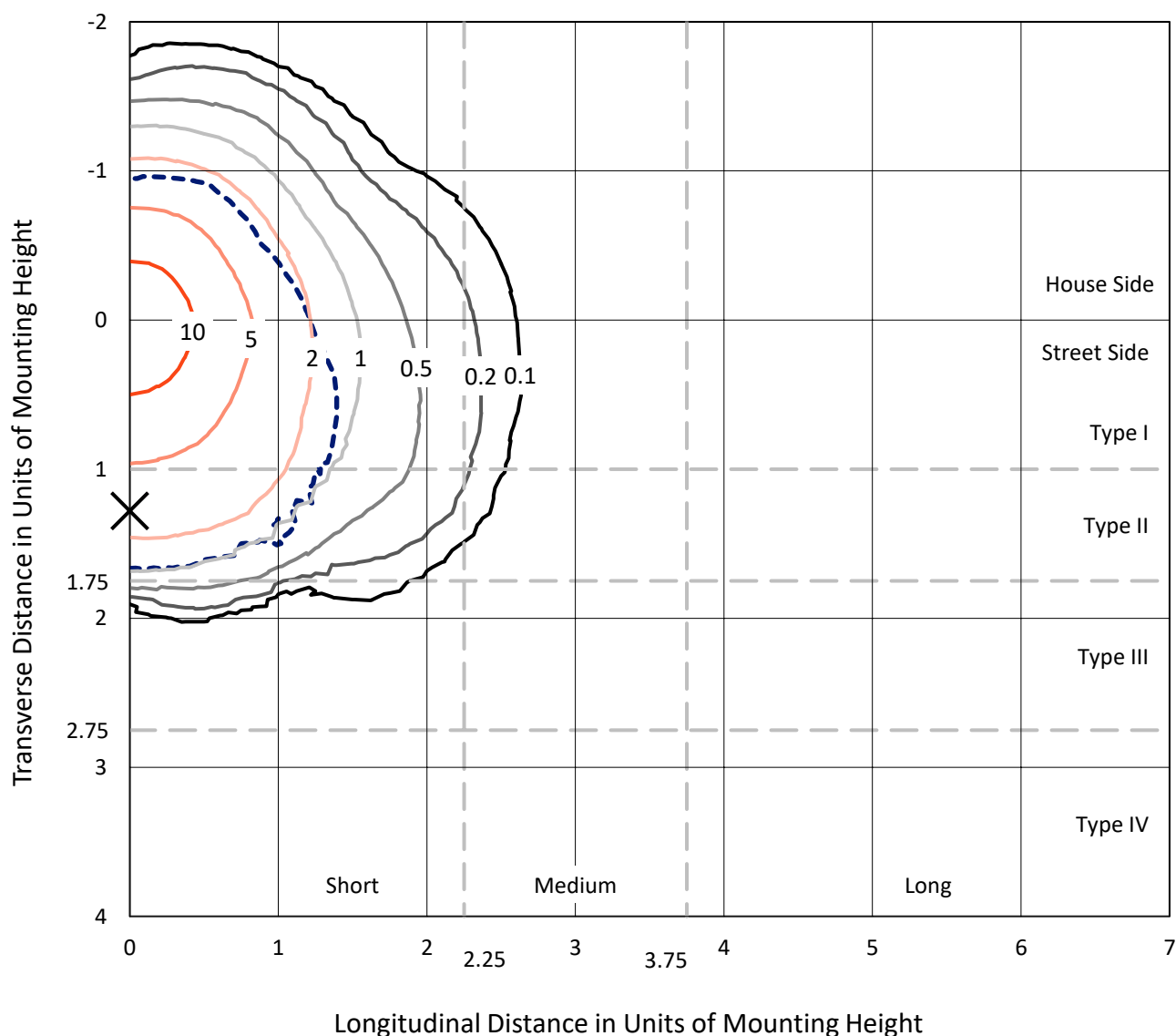
Input Watts (W): 99.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

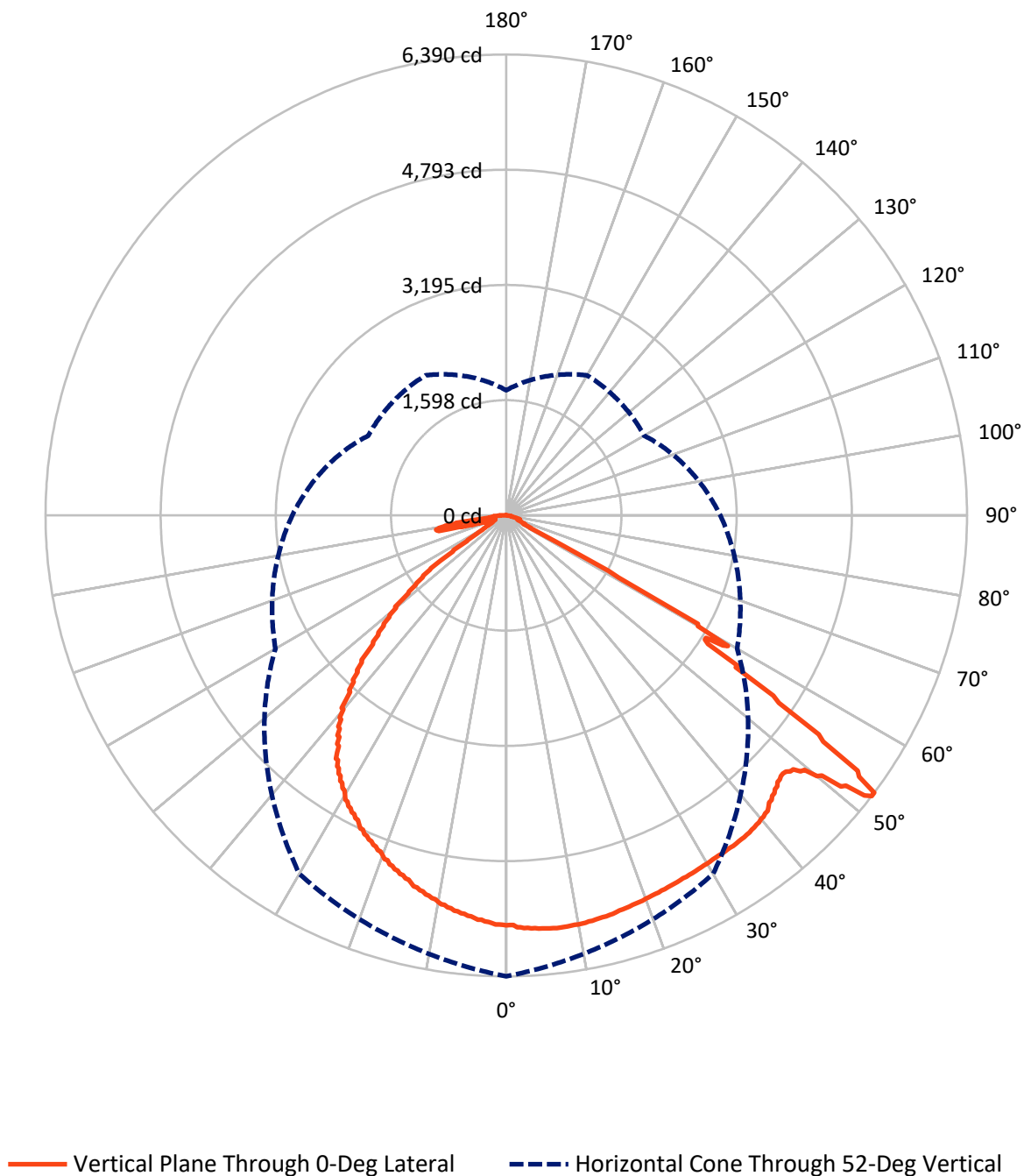


Based on 20 foot mounting height. Maximum calculated value = 14.2 fc
 Type II - Short - Cutoff

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Luminous Intensity Polar Plot



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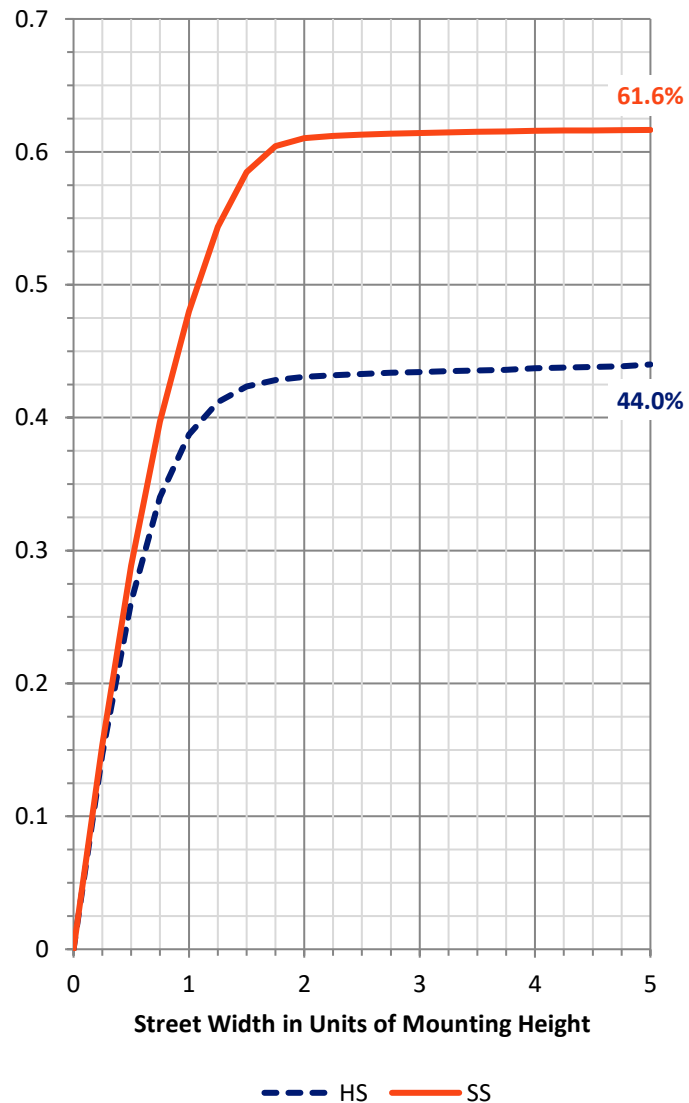
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6037.5	17.1	6054.6
	% Lamp	44.7	0.1	44.8
Street Side	Lumens	8308.0	1.3	8309.4
	% Lamp	61.5	0.0	61.6
Total	Lumens	14345.5	18.5	14364.0
	% Lamp	106.3	0.1	106.4

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	540.1	3.8	4.0
10°-20°	1546.6	10.8	11.5
20°-30°	2360.5	16.4	17.5
30°-40°	2899.1	20.2	21.5
40°-50°	3028.6	21.1	22.4
50°-60°	2595.8	18.1	19.2
60°-70°	1024.6	7.1	7.6
70°-80°	255.9	1.8	1.9
80°-90°	94.4	0.7	0.7
90°-100°	14.7	0.1	0.1
100°-110°	0.1	0.0	0.0
110°-120°	0.1	0.0	0.0
120°-130°	0.4	0.0	0.0
130°-140°	0.7	0.0	0.0
140°-150°	0.9	0.0	0.0
150°-160°	0.8	0.0	0.0
160°-170°	0.5	0.0	0.0
170°-180°	0.2	0.0	0.0
0°-90°	14345.5	99.9	106.3
0°-180°	14364.0	100.0	106.4

Coefficient of Utilization



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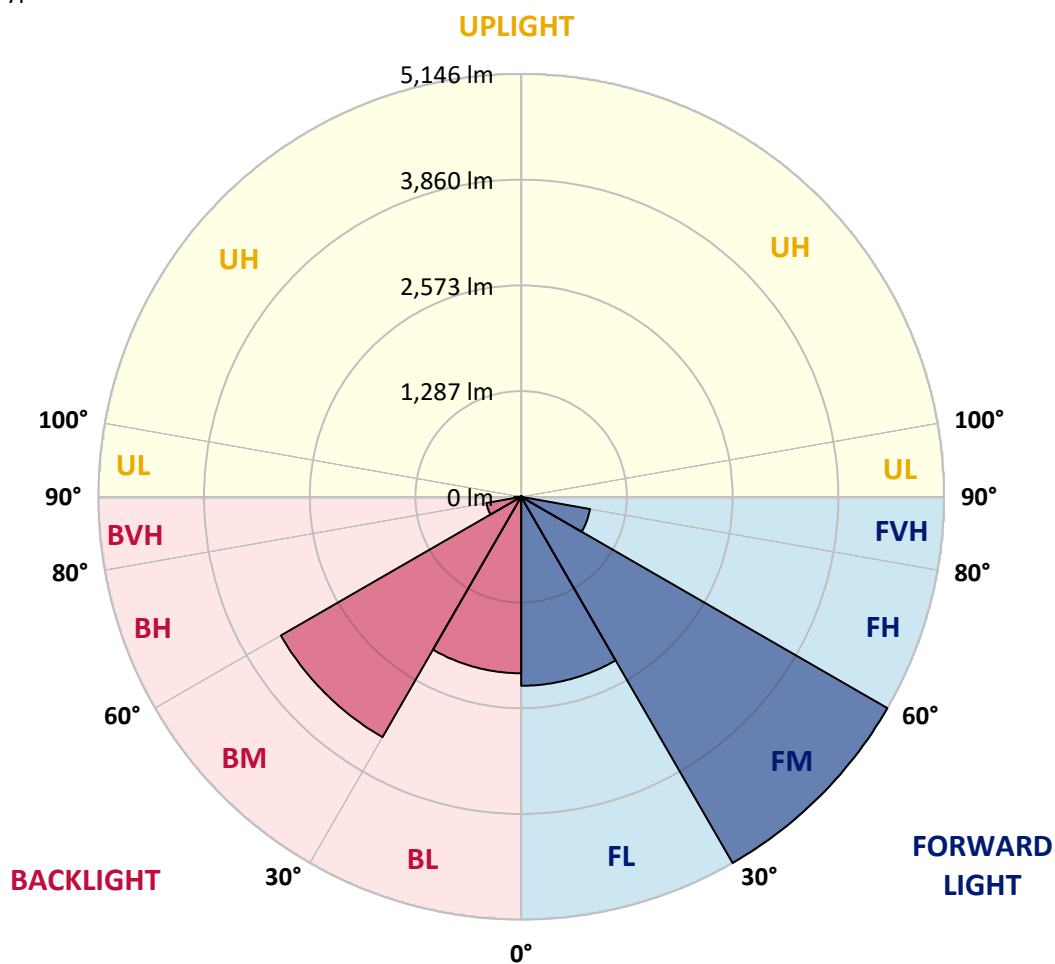
CATALOG NUMBER: AWPS150S-BZ-BZ-LOW-5000K-POSITION 0

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2299.1	17.0			
FM	(30°-60°)	5146.2	38.1			
FH	(60°-80°)	850.6	6.3			G1/1800
FVH	(80°-90°)	12.1	0.1			G1/100
BL	(0°-30°)	2148.1	15.9	B3/2500		
BM	(30°-60°)	3377.2	25.0	B3/5000		
BH	(60°-80°)	429.9	3.2	B1/500		G1/500
BVH	(80°-90°)	82.2	0.6			G1/100
UL	(90°-100°)	14.7	0.1		U2/50	
UH	(100°-180°)	3.7	0.0		U1/10	
Trapped Light		-864.0	-6.4			

BUG Rating: B3-U2-G1

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	5681.1	5681.1	5681.1	5681.1	5681.1	5681.1	5681.1
0.5°	5681.1	5681.1	5681.1	5681.1	5681.1	5681.1	5681.1
1°	5713.7	5704.6	5717.3	5721.1	5696.4	5720.7	5675.0
1.5°	5714.7	5713.4	5717.4	5720.8	5685.4	5709.9	5673.5
2°	5725.7	5715.4	5715.9	5718.4	5685.0	5709.9	5673.5
2.5°	5726.6	5721.2	5716.9	5718.4	5671.8	5695.9	5656.7
3°	5734.7	5727.8	5715.6	5712.9	5670.9	5695.9	5639.8
3.5°	5735.1	5727.8	5715.6	5712.9	5656.2	5680.9	5637.7
4°	5746.1	5737.0	5711.0	5706.0	5641.2	5665.9	5617.1
4.5°	5746.1	5737.0	5711.0	5706.0	5641.2	5665.9	5617.1
5°	5752.7	5740.4	5704.1	5698.1	5623.2	5648.3	5597.7
5.5°	5758.6	5741.4	5704.1	5688.5	5621.5	5648.3	5578.6
6°	5758.6	5742.9	5697.0	5687.3	5604.6	5630.7	5576.0
6.5°	5763.2	5743.8	5686.7	5676.6	5603.1	5630.7	5554.7
7°	5763.2	5742.3	5686.5	5676.6	5582.5	5611.0	5551.9
7.5°	5762.7	5742.3	5674.0	5663.5	5580.6	5611.0	5529.9
8°	5761.8	5738.6	5673.3	5663.5	5560.1	5588.3	5526.6
8.5°	5757.4	5734.9	5660.3	5648.8	5535.9	5584.4	5499.4
9°	5756.1	5734.9	5660.3	5648.8	5535.9	5565.4	5496.1
9.5°	5757.6	5729.3	5643.2	5632.0	5509.9	5540.0	5465.9
10°	5756.3	5729.3	5643.2	5632.0	5509.9	5540.0	5465.9
10.5°	5754.1	5720.1	5625.5	5613.1	5479.9	5515.4	5438.3
11°	5745.6	5718.8	5625.5	5595.4	5476.9	5515.4	5410.4
11.5°	5745.6	5710.8	5605.7	5592.3	5451.2	5485.2	5405.9
12°	5736.0	5709.4	5585.9	5570.4	5448.0	5485.2	5378.0
12.5°	5734.0	5698.3	5584.0	5570.4	5420.1	5454.7	5373.5
13°	5728.1	5689.2	5563.5	5548.8	5416.9	5454.7	5337.5
13.5°	5728.1	5689.2	5563.5	5548.8	5385.3	5422.7	5332.9
14°	5721.2	5678.1	5540.4	5523.8	5353.0	5417.8	5304.3
14.5°	5719.2	5678.1	5540.4	5523.8	5353.0	5389.1	5299.3
15°	5708.2	5663.7	5516.9	5496.5	5316.6	5352.6	5263.8
15.5°	5696.0	5661.9	5516.9	5473.1	5312.5	5352.6	5228.6
16°	5696.0	5649.4	5490.5	5468.8	5278.0	5316.5	5223.3
16.5°	5688.8	5648.5	5490.5	5442.4	5273.3	5316.5	5189.6
17°	5686.3	5633.8	5465.9	5438.6	5238.8	5278.9	5184.1
17.5°	5675.3	5631.9	5465.9	5410.7	5234.0	5278.9	5149.5
18°	5673.6	5617.9	5438.5	5406.3	5194.3	5236.8	5143.4
18.5°	5669.2	5603.2	5410.4	5374.7	5189.6	5236.8	5107.4
19°	5666.9	5603.2	5410.4	5374.7	5152.1	5194.3	5101.2
19.5°	5656.6	5588.2	5381.7	5341.4	5106.8	5151.3	5057.4
20°	5654.2	5588.2	5381.7	5341.4	5106.8	5151.3	5057.4
20.5°	5644.6	5571.9	5351.2	5305.0	5060.2	5108.1	5015.2
21°	5638.9	5571.2	5351.2	5274.2	5054.8	5108.1	4976.3
21.5°	5638.9	5556.5	5322.2	5269.5	5011.5	5061.7	4969.5
22°	5631.1	5555.5	5292.8	5232.9	5006.0	5061.7	4932.1

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	5629.0	5540.1	5290.2	5232.9	4961.9	5013.6	4925.0
23°	5620.9	5538.7	5258.6	5192.1	4955.8	5013.6	4886.8
23.5°	5618.4	5524.7	5256.2	5192.1	4909.5	4963.0	4879.4
24°	5611.1	5509.5	5222.2	5150.6	4857.0	4954.9	4844.2
24.5°	5608.9	5509.5	5222.2	5150.6	4857.0	4913.8	4837.0
25°	5604.5	5492.6	5187.0	5106.8	4776.9	4856.2	4788.8
25.5°	5597.3	5491.7	5187.0	5106.8	4776.9	4856.2	4788.8
26°	5597.3	5477.0	5184.5	5067.9	4770.1	4812.9	4739.4
26.5°	5594.3	5476.9	5150.7	5020.9	4711.6	4803.9	4696.8
27°	5592.1	5462.9	5113.0	5014.8	4711.6	4759.9	4689.2
27.5°	5585.5	5461.8	5076.3	4966.5	4652.9	4750.9	4646.6
28°	5583.7	5447.8	5073.9	4966.5	4652.9	4707.6	4639.0
28.5°	5577.1	5429.1	5034.1	4914.6	4589.1	4697.9	4594.2
29°	5574.8	5429.1	5034.1	4914.6	4589.1	4654.6	4586.7
29.5°	5572.6	5414.7	4991.3	4862.0	4524.7	4644.7	4538.2
30°	5570.6	5414.7	4991.3	4815.0	4458.5	4588.4	4530.2
30.5°	5565.4	5398.4	4946.7	4807.8	4458.5	4539.2	4468.7
31°	5563.9	5398.4	4946.7	4760.8	4392.3	4529.1	4421.0
31.5°	5561.7	5385.5	4902.7	4753.5	4392.3	4480.6	4412.6
32°	5563.3	5386.2	4860.9	4698.5	4325.2	4470.4	4350.9
32.5°	5561.7	5375.9	4859.1	4698.5	4325.2	4420.4	4342.2
33°	5556.5	5375.0	4814.3	4637.8	4254.3	4409.7	4279.0
33.5°	5555.0	5360.3	4811.7	4637.8	4254.3	4360.5	4270.5
34°	5560.1	5350.9	4765.9	4578.0	4185.8	4350.1	4205.9
34.5°	5558.2	5350.9	4765.9	4578.0	4120.4	4288.1	4197.0
35°	5552.3	5337.4	4716.0	4514.6	4110.8	4236.0	4118.2
35.5°	5550.3	5337.4	4716.0	4514.6	4048.4	4225.1	4118.2
36°	5550.3	5325.7	4664.7	4450.2	4038.7	4167.8	4035.5
36.5°	5542.4	5324.5	4664.7	4392.9	3964.1	4156.6	3952.6
37°	5542.4	5310.6	4615.3	4384.8	3964.1	4097.1	3942.2
37.5°	5531.6	5308.9	4566.1	4315.2	3886.7	4023.0	3845.4
38°	5529.1	5300.8	4564.7	4315.2	3886.7	4023.0	3845.4
38.5°	5516.7	5298.7	4513.3	4306.3	3817.7	4011.0	3752.2
39°	5514.2	5289.8	4511.8	4306.3	3817.7	3944.9	3740.7
39.5°	5495.9	5276.4	4458.6	4297.3	3748.6	3932.9	3641.5
40°	5493.2	5276.4	4458.6	4297.3	3675.2	3850.4	3629.4
40.5°	5474.8	5259.2	4399.6	4287.5	3675.2	3773.3	3513.1
41°	5470.5	5259.2	4399.6	4287.5	3603.3	3760.7	3513.1
41.5°	5434.5	5236.1	4342.3	4278.0	3603.3	3682.2	3385.6
42°	5399.3	5230.7	4342.3	4278.0	3526.9	3668.9	3270.4
42.5°	5395.1	5210.1	4279.3	3897.6	3462.4	3582.9	3255.4
43°	5359.8	5204.0	4216.9	3886.7	3384.6	3569.4	3133.5
43.5°	5354.9	5180.5	4212.8	3813.3	3371.8	3475.4	3117.1
44°	5318.1	5151.3	4150.1	3726.7	3277.7	3461.3	2996.7
44.5°	5313.8	5151.3	4150.1	3726.7	3277.7	3363.7	2979.7

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	5275.6	5121.9	4091.0	3717.1	3191.1	3348.6	2854.9
45.5°	5272.2	5121.9	4091.0	3640.0	3088.1	3228.0	2836.6
46°	5249.4	5098.9	3996.6	3544.1	3074.1	3117.8	2694.1
46.5°	5247.0	5098.9	3996.6	3544.1	2980.2	3101.5	2568.5
47°	5260.9	5080.0	3992.9	3463.3	2966.1	2983.2	2547.9
47.5°	5302.3	5086.8	3992.9	3463.3	2866.2	2965.9	2427.5
48°	5314.2	5077.2	3848.1	3355.4	2851.8	2846.9	2406.8
48.5°	5408.9	5093.7	3848.1	3355.4	2751.2	2829.4	2289.3
49°	5437.0	5104.0	3784.5	3258.1	2736.2	2704.5	2267.5
49.5°	5625.7	5213.3	3797.8	3258.1	2632.7	2686.5	2150.8
50°	5670.1	5213.3	3733.2	3162.4	2502.7	2539.4	2128.7
50.5°	5972.6	5437.8	3763.1	3162.4	2502.7	2413.8	1993.7
51°	6018.2	5437.8	3708.1	3065.5	2487.5	2413.8	1993.7
51.5°	6305.3	5729.3	3750.1	2977.4	2345.8	2265.6	1862.3
52°	6390.4	5738.6	3697.3	2968.2	2209.3	2241.8	1735.3
52.5°	6390.4	5990.4	3741.1	2880.0	2193.9	2116.9	1713.5
53°	6087.1	5938.5	3686.1	2870.4	2050.7	2092.0	1581.4
53.5°	6023.2	6125.7	3659.9	2768.4	2034.7	1970.1	1560.1
54°	5401.2	6017.4	3659.9	2768.4	1891.5	1945.2	1441.2
54.5°	5291.5	6000.5	3602.7	2665.7	1875.3	1828.4	1420.9
55°	4589.5	5533.9	3542.7	2665.7	1733.6	1803.7	1299.0
55.5°	4467.9	5533.9	3485.4	2560.3	1581.1	1666.3	1279.1
56°	3817.3	4798.6	3377.1	2560.3	1581.1	1553.9	1107.6
56.5°	3817.3	4798.6	3318.3	2451.7	1441.4	1532.6	893.9
57°	3316.4	4044.0	3199.0	2354.0	1424.4	1423.9	875.0
57.5°	3250.1	4043.3	3144.7	2344.5	1320.1	1405.7	651.7
58°	3248.9	3462.5	3000.9	2236.5	1302.6	1299.3	633.2
58.5°	3504.4	3507.0	3000.9	2236.5	1212.2	1283.5	475.3
59°	3566.9	3120.8	2905.8	2130.3	1194.6	1157.2	453.3
59.5°	3068.4	3006.8	2901.0	2130.3	1096.9	1140.2	382.1
60°	3053.0	3006.8	2897.4	2026.2	958.5	994.4	360.4
60.5°	1779.8	3146.3	2960.3	2026.2	958.5	994.4	338.3
61°	1614.0	3146.3	3008.0	1934.6	803.8	846.4	316.7
61.5°	796.0	2973.7	3002.8	1934.6	803.8	681.9	277.1
62°	376.6	2933.4	3116.6	1851.6	666.2	661.1	269.7
62.5°	376.6	2036.9	2960.4	1750.3	648.5	481.9	238.5
63°	280.9	2037.5	3066.2	1768.7	572.9	468.8	234.9
63.5°	261.9	982.4	2918.4	1672.9	555.1	352.0	214.5
64°	286.1	986.6	2918.4	1672.9	510.3	344.2	213.8
64.5°	285.1	366.1	2714.1	1559.2	493.5	301.6	206.4
65°	252.0	212.0	2688.3	1559.2	467.0	279.4	204.8
65.5°	252.0	212.0	2474.6	1425.1	431.1	276.1	204.8
66°	231.4	202.9	2473.7	1425.1	431.1	276.1	205.5
66.5°	227.0	202.9	2185.9	1279.5	400.5	249.4	201.3
67°	218.9	209.6	2187.3	1187.7	384.5	249.4	195.4

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	184.2	204.4	1855.4	1129.9	368.3	234.1	177.8
68°	184.2	181.6	1851.4	1041.8	353.0	234.1	177.8
68.5°	168.4	179.4	1496.8	980.0	339.8	223.7	163.9
69°	165.2	152.3	1160.1	831.9	324.0	223.7	163.9
69.5°	176.9	135.2	1156.8	831.9	313.8	216.1	165.8
70°	174.9	135.2	891.7	705.0	299.7	216.1	165.8
70.5°	188.8	119.3	888.5	705.0	292.4	208.9	168.5
71°	188.6	119.3	688.8	600.4	275.1	204.3	167.8
71.5°	193.7	108.4	686.8	600.4	275.1	204.3	167.1
72°	194.6	108.4	514.2	472.0	252.1	201.8	214.6
72.5°	194.6	104.8	513.6	412.5	241.7	201.8	214.6
73°	191.3	103.9	364.5	386.5	234.4	196.9	317.5
73.5°	193.0	106.1	269.4	328.1	227.1	196.9	317.5
74°	175.4	103.0	269.4	328.1	214.6	186.6	392.4
74.5°	176.4	112.5	231.4	268.3	205.4	186.6	392.4
75°	144.9	116.6	233.1	268.3	189.9	178.1	484.7
75.5°	144.9	116.6	218.4	210.7	166.4	175.7	484.7
76°	113.3	117.7	219.6	210.7	166.4	169.8	645.9
76.5°	112.9	117.7	199.0	164.5	145.8	153.5	643.5
77°	86.5	115.3	199.4	164.5	145.8	153.5	816.0
77.5°	73.7	113.3	172.2	131.1	129.8	145.7	961.1
78°	73.7	111.1	171.8	113.5	126.7	145.7	961.1
78.5°	75.8	111.8	146.9	109.2	115.0	137.1	992.3
79°	72.5	105.9	123.1	92.7	112.8	137.1	992.3
79.5°	76.9	106.7	123.1	92.7	104.0	124.5	947.1
80°	73.4	95.0	99.0	76.4	101.8	124.5	947.1
80.5°	71.2	77.7	96.1	76.4	85.6	98.2	856.3
81°	68.3	77.7	73.3	61.4	73.4	96.4	856.3
81.5°	61.0	58.1	70.1	61.4	73.4	83.2	702.8
82°	58.5	58.1	43.7	48.0	63.1	80.2	702.5
82.5°	49.0	39.5	40.7	39.9	61.7	80.2	409.5
83°	34.0	37.2	10.6	34.7	54.3	91.4	222.3
83.5°	34.0	23.2	3.1	25.7	52.9	91.4	222.3
84°	17.0	20.6	3.1	25.7	52.9	178.1	176.4
84.5°	16.9	8.8	1.0	20.6	43.2	176.5	176.4
85°	6.6	2.6	0.3	20.6	27.8	344.9	176.1
85.5°	6.6	2.6	0.3	14.7	26.8	344.9	176.1
86°	0.7	0.9	0.1	14.7	19.4	388.1	163.3
86.5°	0.7	0.9	0.1	10.3	12.1	431.3	171.0
87°	0.0	0.0	0.0	10.3	12.1	431.3	152.6
87.5°	0.0	0.0	0.0	6.6	7.8	396.9	129.9
88°	0.0	0.0	0.0	4.4	7.4	396.9	129.9
88.5°	0.0	0.0	0.0	4.4	4.4	355.3	109.5
89°	0.0	0.0	0.0	2.2	4.1	355.3	109.5
89.5°	0.0	0.0	0.0	2.2	1.1	298.2	87.2

REPORT NUMBER: P1197221

CATALOG NUMBER: AWPS150S-BZ-BZ-LOW-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	0.0	0.0	0.0	0.7	0.9	298.2	87.2
90.5°	0.0	0.0	0.0	0.7	0.1	240.8	64.7
91°	0.0	0.0	0.0	0.7	0.1	240.8	64.7
91.5°	0.0	0.0	0.0	0.7	0.1	188.7	48.3
92°	0.0	0.0	0.0	0.0	0.0	143.9	40.5
92.5°	0.0	0.0	0.0	0.0	0.0	143.9	33.1
93°	0.0	0.0	0.0	0.0	0.0	101.3	19.1
93.5°	0.0	0.0	0.0	0.0	0.0	101.3	19.1
94°	0.0	0.0	0.0	0.0	0.0	47.7	9.0
94.5°	0.0	0.0	0.0	0.0	0.0	47.7	9.0
95°	0.0	0.0	0.0	0.0	0.0	4.4	1.5
95.5°	0.0	0.0	0.0	0.0	0.0	4.4	1.5
96°	0.0	0.0	0.0	0.0	0.0	2.9	1.2
96.5°	0.0	0.0	0.0	0.0	0.0	2.9	1.2
97°	0.0	0.0	0.0	0.0	0.0	2.2	0.4
97.5°	0.0	0.0	0.0	0.0	0.0	2.2	0.4
98°	0.0	0.0	0.0	0.0	0.0	2.2	0.4
98.5°	0.0	0.0	0.0	0.0	0.0	1.5	0.3
99°	0.0	0.0	0.0	0.0	0.0	1.5	0.3
99.5°	0.0	0.0	0.0	0.0	0.0	1.5	0.3
100°	0.0	0.0	0.0	0.0	0.0	1.5	0.3
100.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
101°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
101.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
102°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
102.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
103°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
103.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
104°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
104.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
105°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
105.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
106°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
106.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
107°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
107.5°	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
108.5°	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
109.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
110°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
110.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
111°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
111.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
112°	0.0	0.0	0.0	0.0	0.0	0.7	0.1

REPORT NUMBER: P1197221

CATALOG NUMBER: AWPS150S-BZ-BZ-LOW-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
113°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
113.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
114°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
114.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
115°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
115.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
116°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
116.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
117°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
117.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
118°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
118.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
119°	0.0	0.0	0.0	0.0	0.0	0.7	0.1
119.5°	0.0	0.0	0.0	0.0	0.7	0.9	0.1
120°	0.0	0.0	0.0	0.0	0.7	0.9	0.1
120.5°	0.0	0.0	0.0	0.0	0.7	0.9	0.9
121°	0.0	0.0	0.0	0.0	0.7	0.9	0.9
121.5°	0.0	0.0	0.0	0.0	0.7	0.9	0.9
122°	0.0	0.0	0.0	0.0	0.7	0.9	0.9
122.5°	0.0	0.0	0.0	0.0	0.7	0.9	0.9
123°	0.0	0.0	0.0	0.0	0.7	0.9	0.9
123.5°	0.0	0.0	0.0	0.7	0.9	0.9	0.9
124°	0.0	0.0	0.0	0.7	0.9	0.9	0.9
124.5°	0.0	0.0	0.0	0.7	0.9	0.9	0.9
125°	0.0	0.0	0.0	0.7	0.9	0.9	0.9
125.5°	0.0	0.0	0.0	0.7	0.9	0.9	0.9
126°	0.0	0.0	0.0	0.7	0.9	0.9	0.9
126.5°	0.0	0.0	0.0	0.7	0.9	0.9	0.9
127°	0.0	0.0	0.0	0.7	0.9	1.6	1.0
127.5°	0.0	0.0	0.0	0.7	0.9	1.6	1.0
128°	0.0	0.0	0.0	0.7	0.9	1.6	1.0
128.5°	0.0	0.0	0.0	0.7	0.9	1.6	1.0
129°	0.0	0.0	0.0	0.7	0.9	1.6	1.0
129.5°	0.0	0.0	0.7	0.9	0.9	1.6	1.0
130°	0.0	0.0	0.7	0.9	0.9	1.6	1.0
130.5°	0.0	0.0	0.7	0.9	0.9	1.6	1.0
131°	0.0	0.0	0.0	0.7	0.9	1.6	1.0
131.5°	0.0	0.0	0.0	0.7	0.9	1.6	1.7
132°	0.0	0.0	0.7	0.9	0.9	1.6	1.7
132.5°	0.0	0.7	0.9	0.9	0.9	1.6	1.7
133°	0.0	0.7	0.9	0.9	0.9	1.6	1.7
133.5°	0.0	0.7	0.9	0.9	0.9	1.6	1.7
134°	0.0	0.7	0.9	0.9	0.9	1.6	1.7
134.5°	0.0	0.7	0.9	0.9	0.9	1.6	1.7

REPORT NUMBER: P1197221

CATALOG NUMBER: AWPS150S-BZ-BZ-LOW-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.0	0.7	0.9	0.9	0.9	1.6	1.7
135.5°	0.0	0.7	0.9	0.9	0.9	1.6	1.7
136°	0.0	0.7	0.9	0.9	1.6	1.7	1.7
136.5°	0.0	0.7	0.9	0.9	1.6	1.7	1.7
137°	0.0	0.7	0.9	0.9	1.6	1.7	1.7
137.5°	0.0	0.7	0.9	0.9	0.9	1.6	1.7
138°	0.0	0.7	0.9	0.9	0.9	1.6	1.7
138.5°	0.0	0.7	0.9	0.9	1.6	1.7	1.7
139°	0.0	0.7	0.9	0.9	1.6	1.7	1.7
139.5°	0.0	0.7	0.9	0.9	1.6	1.7	1.7
140°	0.0	0.7	0.9	0.9	1.6	1.7	1.7
140.5°	0.0	0.7	0.9	0.9	1.6	1.7	1.7
141°	0.0	0.7	0.9	1.6	1.7	1.7	1.7
141.5°	0.7	0.9	0.9	1.6	1.7	1.7	1.7
142°	0.9	0.9	0.9	1.6	1.7	1.7	1.7
142.5°	0.9	0.9	0.9	1.6	1.7	1.7	1.7
143°	0.9	0.9	0.9	1.6	1.7	1.7	1.7
143.5°	0.9	0.9	0.9	1.6	1.7	1.7	1.7
144°	0.9	0.9	0.9	1.6	1.7	1.7	1.7
144.5°	0.9	0.9	0.9	1.6	1.7	1.7	1.7
145°	0.9	0.9	0.9	1.6	1.7	1.7	1.7
145.5°	0.9	0.9	0.9	1.6	1.7	1.7	1.7
146°	0.9	0.9	1.6	1.7	1.7	1.7	1.7
146.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
147°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
147.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
148°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
148.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
149°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
149.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
150°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
150.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
151°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
151.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
152°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
152.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
153°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
153.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
154°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
154.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
155°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
155.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
156°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
156.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
157°	0.9	1.6	1.7	1.7	1.7	1.7	1.7

REPORT NUMBER: P1197221

CATALOG NUMBER: AWPS150S-BZ-BZ-LOW-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
158°	0.9	1.6	1.7	1.7	1.7	1.7	1.7
158.5°	1.0	1.6	1.7	1.7	1.7	1.7	1.7
159°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
159.5°	1.6	1.7	1.7	1.7	1.7	1.7	1.7
160°	1.6	1.7	1.7	1.7	1.7	1.7	1.7
160.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
161°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
161.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
162°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
162.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
163°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
163.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
164°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
164.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
165°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
165.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
166°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
166.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
167°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
167.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
168°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
168.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
169°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
169.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
170°	1.7	1.7	1.7	2.5	1.9	1.7	1.7
170.5°	1.7	1.7	1.7	2.5	1.9	2.5	1.9
171°	1.7	1.7	1.7	1.7	1.7	2.5	1.9
171.5°	1.7	1.7	1.7	1.7	1.7	2.5	1.9
172°	1.7	1.7	1.7	1.7	1.7	2.5	1.9
172.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
173°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
173.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
174°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
174.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
175°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
175.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
176°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
176.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
177°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
177.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
178°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
178.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
179°	1.7	1.7	1.7	1.7	1.7	1.7	1.7
179.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P1197221
CATALOG NUMBER: AWPS150S-BZ-BZ-LOW-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	1.7	1.7	1.7	1.7	1.7	1.7	1.7

(END OF REPORT)