

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: P1197037

Luminaire Tested: AWP75S-BZ-HIGH-4000K-POSITION 0

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197037
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: AWP75S-BZ-HIGH-4000K-POSITION 0
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 4000K
Ballast/Driver: -

Summary

Lumens per Lamp: 10875 (1 lamp)
Luminaire Lumens: 11256 lumens
Efficiency: 103.5%
Efficacy: 152.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.4' x L: 0.56' x H: 0.69')
IES Classification: Type III - Short - Cutoff
BUG Rating: B3 - U1 - G1

Input Watts (W): 73.9
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

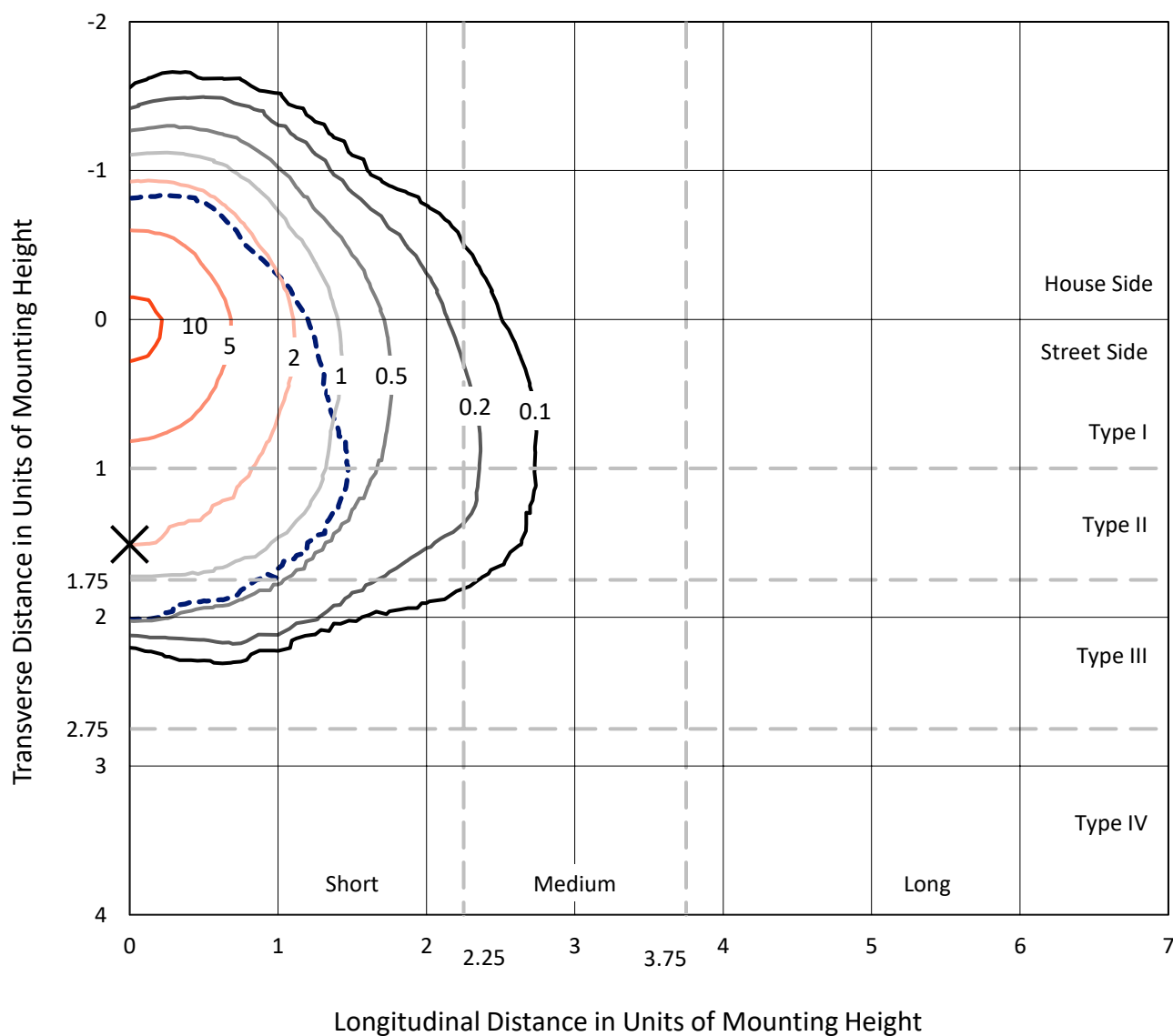
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

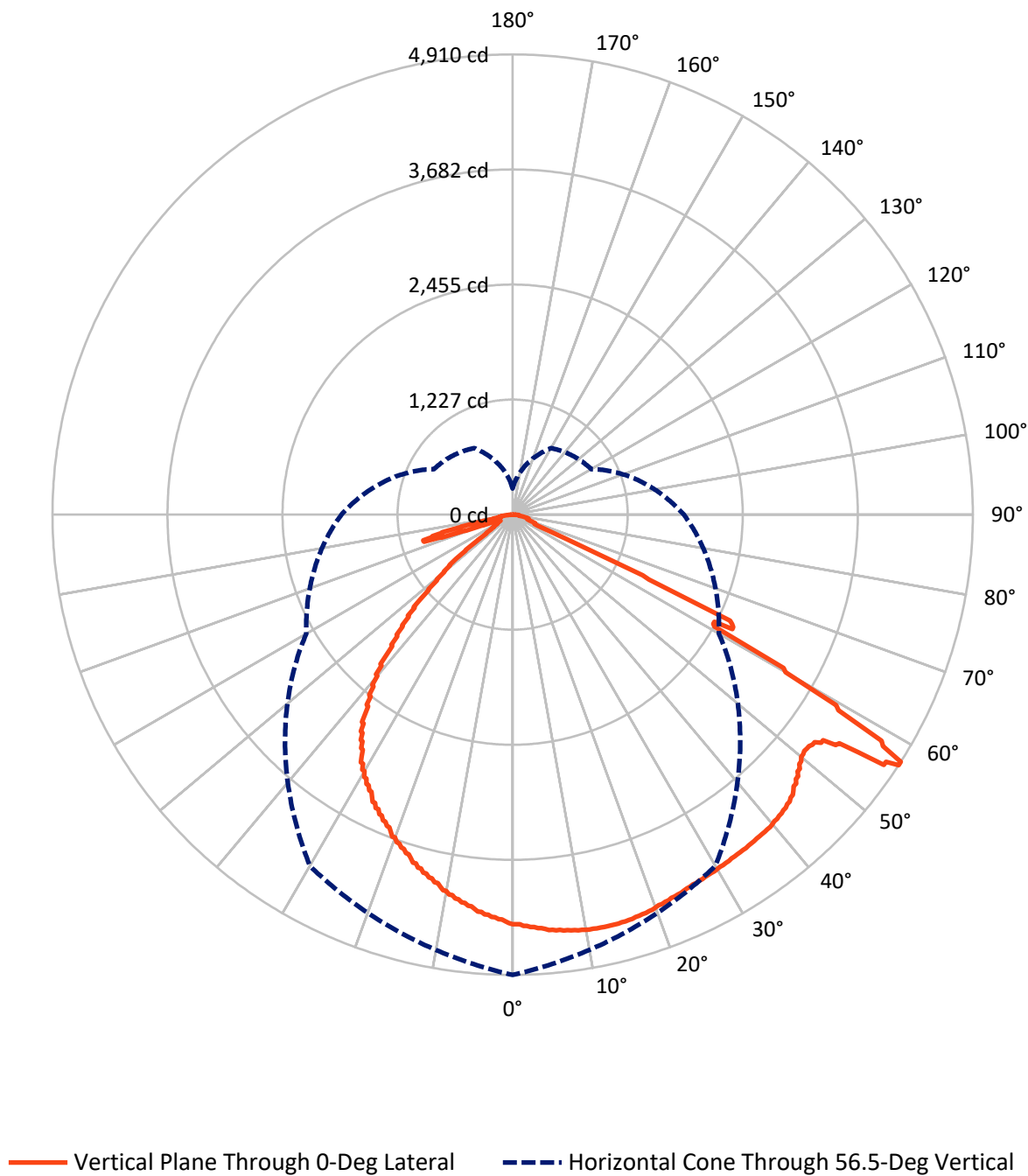


Based on 20 foot mounting height. Maximum calculated value = 10.9 fc
 Type III - Short - Cutoff

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Luminous Intensity Polar Plot



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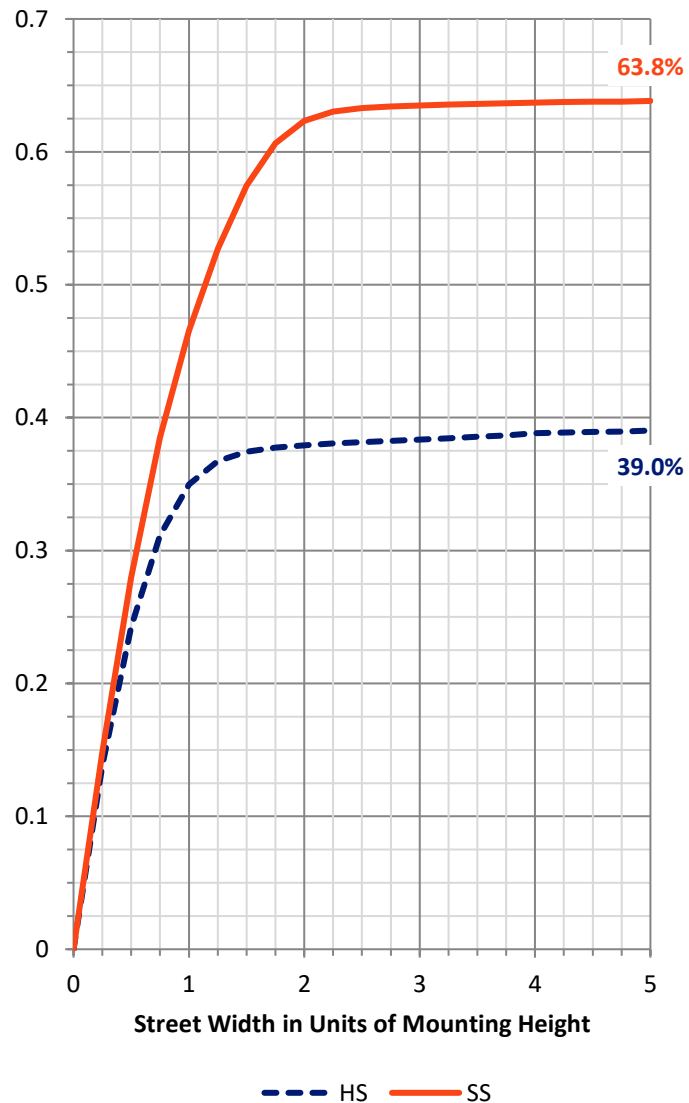
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4312.9	1.7	4314.6
	% Lamp	39.7	0.0	39.7
Street Side	Lumens	6941.4	0.0	6941.4
	% Lamp	63.8	0.0	63.8
Total	Lumens	11254.3	1.7	11256.0
	% Lamp	103.5	0.0	103.5

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	416.1	3.7	3.8
10°-20°	1191.8	10.6	11.0
20°-30°	1805.5	16.0	16.6
30°-40°	2192.6	19.5	20.2
40°-50°	2244.8	19.9	20.6
50°-60°	1968.2	17.5	18.1
60°-70°	1041.5	9.3	9.6
70°-80°	303.7	2.7	2.8
80°-90°	90.1	0.8	0.8
90°-100°	1.7	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°	11254.3	100.0	103.5
0°-180°	11256.0	100.0	103.5

Coefficient of Utilization



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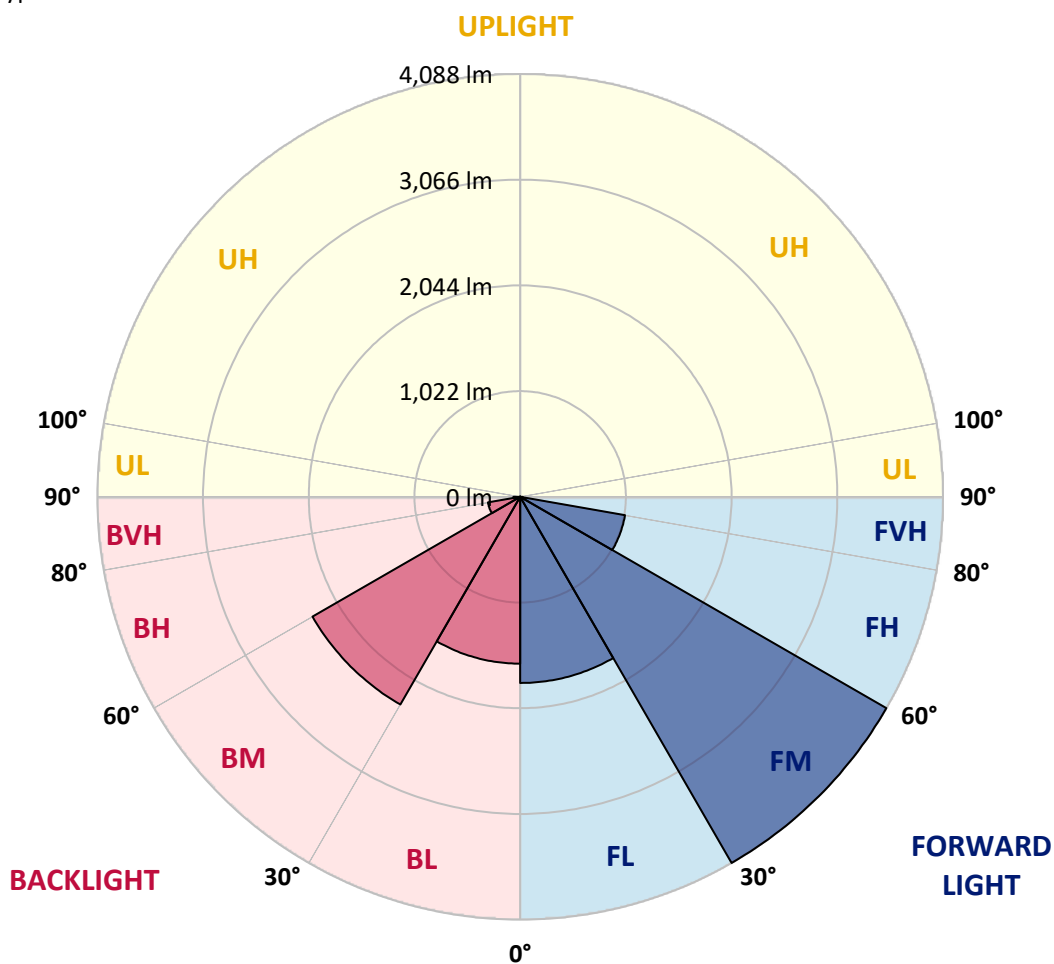
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1800.1	16.6			
FM	(30°-60°)	4087.6	37.6			
FH	(60°-80°)	1028.8	9.5			G1/1800
FVH	(80°-90°)	24.9	0.2			G1/100
BL	(0°-30°)	1613.3	14.8	B3/2500		
BM	(30°-60°)	2318.0	21.3	B2/2500		
BH	(60°-80°)	316.4	2.9	B1/500		G1/500
BVH	(80°-90°)	65.2	0.6			G1/100
UL	(90°-100°)	1.7	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		-381.0	-3.5			

BUG Rating: B3-U1-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	4369.2	4369.2	4369.2	4369.2	4369.2	4369.2	4369.2
0.5°	4369.2	4369.2	4369.2	4369.2	4369.2	4369.2	4369.2
1°	4389.5	4392.2	4418.3	4412.7	4373.0	4408.8	4356.3
1.5°	4390.4	4404.4	4420.5	4412.8	4373.0	4397.6	4338.7
2°	4403.8	4405.5	4420.5	4410.5	4361.7	4396.7	4319.8
2.5°	4404.4	4416.7	4424.7	4410.8	4361.7	4381.1	4318.5
3°	4420.0	4418.0	4424.7	4407.5	4345.9	4379.8	4297.3
3.5°	4420.7	4428.0	4425.6	4407.5	4345.9	4365.4	4296.1
4°	4434.1	4436.9	4426.2	4401.9	4329.8	4364.1	4276.1
4.5°	4448.1	4438.0	4422.9	4401.6	4329.8	4348.5	4274.8
5°	4448.1	4445.8	4423.5	4396.1	4314.9	4329.5	4251.0
5.5°	4458.7	4446.6	4421.3	4390.3	4296.6	4328.0	4251.0
6°	4458.7	4446.6	4421.3	4390.3	4296.6	4311.3	4226.3
6.5°	4470.2	4459.8	4417.9	4381.0	4276.9	4309.7	4200.6
7°	4470.6	4459.8	4414.5	4380.7	4276.9	4290.8	4199.1
7.5°	4479.5	4465.0	4414.9	4371.8	4256.1	4289.1	4172.3
8°	4479.6	4465.0	4409.3	4371.4	4256.1	4267.9	4170.6
8.5°	4489.6	4470.3	4409.7	4360.2	4235.2	4266.3	4142.7
9°	4489.7	4474.7	4404.5	4359.8	4235.2	4245.1	4141.0
9.5°	4496.4	4475.3	4404.5	4348.6	4209.7	4217.5	4107.7
10°	4500.7	4479.0	4397.0	4335.7	4208.7	4217.5	4107.7
10.5°	4500.7	4479.0	4397.0	4335.7	4185.3	4191.0	4075.6
11°	4505.1	4479.4	4388.1	4320.5	4159.6	4189.0	4075.6
11.5°	4504.7	4479.4	4378.0	4319.7	4159.6	4163.4	4043.4
12°	4506.9	4478.4	4377.9	4306.3	4132.9	4161.3	4010.0
12.5°	4506.5	4478.4	4366.8	4305.4	4132.9	4132.3	4007.6
13°	4506.5	4476.2	4366.6	4289.8	4102.6	4129.9	3974.2
13.5°	4505.9	4471.8	4352.9	4288.7	4102.6	4100.9	3971.7
14°	4505.9	4471.8	4352.9	4272.0	4071.2	4098.4	3938.3
14.5°	4502.9	4466.0	4340.2	4271.0	4071.2	4068.4	3935.8
15°	4502.9	4466.0	4340.2	4254.3	4040.8	4034.8	3898.7
15.5°	4497.5	4456.7	4323.8	4234.0	4005.9	4032.0	3898.7
16°	4497.5	4456.7	4323.8	4234.0	4005.9	3998.6	3860.3
16.5°	4488.9	4449.4	4306.6	4211.5	3970.7	3995.8	3860.3
17°	4487.7	4449.4	4287.7	4209.9	3970.7	3963.5	3824.2
17.5°	4481.1	4437.7	4286.7	4186.5	3934.2	3960.7	3787.5
18°	4481.1	4437.7	4266.7	4184.9	3934.2	3925.0	3784.5
18.5°	4472.3	4424.8	4265.7	4163.7	3895.7	3922.0	3747.8
19°	4471.1	4411.4	4245.6	4162.1	3895.7	3884.1	3744.6
19.5°	4460.0	4410.5	4245.6	4137.6	3854.7	3880.9	3710.1
20°	4448.9	4396.3	4221.1	4135.7	3854.7	3845.2	3707.1
20.5°	4448.9	4396.3	4221.1	4111.2	3813.7	3805.3	3665.1
21°	4438.8	4381.1	4196.5	4082.5	3771.4	3801.9	3665.1
21.5°	4438.8	4381.1	4196.5	4082.5	3771.4	3761.8	3623.9
22°	4426.3	4365.7	4170.8	4051.5	3728.9	3758.5	3586.1

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	4425.3	4365.7	4145.2	4049.4	3728.9	3719.5	3582.8
23°	4417.5	4351.7	4144.1	4022.7	3684.4	3716.0	3545.0
23.5°	4416.4	4351.7	4118.5	4020.6	3684.4	3678.1	3541.8
24°	4407.5	4336.5	4117.3	3990.5	3638.4	3674.5	3500.6
24.5°	4398.7	4322.5	4089.5	3988.3	3638.4	3634.4	3497.3
25°	4398.7	4322.5	4089.5	3957.1	3590.2	3589.4	3453.8
25.5°	4389.8	4307.3	4060.4	3922.5	3587.5	3589.4	3453.8
26°	4389.8	4307.3	4060.4	3922.5	3540.7	3544.4	3409.1
26.5°	4383.2	4293.5	4030.4	3886.7	3491.2	3540.5	3409.1
27°	4382.3	4293.5	4001.4	3884.3	3491.2	3498.2	3364.4
27.5°	4375.6	4278.5	4000.2	3850.9	3439.4	3494.1	3318.8
28°	4374.5	4278.5	3969.0	3848.3	3439.4	3451.8	3315.2
28.5°	4371.1	4266.0	3968.0	3811.5	3387.3	3447.7	3271.8
29°	4370.1	4266.0	3935.7	3808.8	3387.3	3404.3	3268.2
29.5°	4364.6	4252.1	3934.6	3773.2	3334.3	3400.1	3219.2
30°	4360.3	4238.5	3902.3	3770.6	3334.3	3355.6	3215.5
30.5°	4360.3	4238.5	3902.3	3731.6	3279.8	3307.9	3158.4
31°	4355.9	4224.8	3867.8	3689.9	3224.2	3303.5	3158.4
31.5°	4355.9	4224.8	3867.8	3689.9	3224.2	3256.8	3100.0
32°	4347.1	4211.9	3832.2	3644.7	3165.0	3252.1	3100.0
32.5°	4346.1	4211.9	3797.7	3641.8	3165.0	3206.5	3037.2
33°	4345.0	4198.5	3796.6	3599.5	3109.2	3202.1	2973.7
33.5°	4344.0	4198.5	3761.0	3596.5	3109.2	3156.5	2969.9
34°	4341.7	4184.9	3759.9	3553.1	3052.1	3152.0	2902.0
34.5°	4340.9	4170.5	3723.0	3550.2	3052.1	3101.9	2897.8
35°	4336.5	4170.1	3723.0	3504.5	2993.8	3097.4	2825.4
35.5°	4332.0	4155.3	3684.0	3454.6	2989.9	3046.2	2821.2
36°	4332.0	4155.3	3684.0	3454.6	2933.1	2986.9	2736.5
36.5°	4325.6	4143.7	3644.0	3403.5	2872.3	2982.2	2736.5
37°	4325.6	4143.7	3644.0	3403.5	2872.3	2924.2	2649.2
37.5°	4322.6	4130.2	3602.8	3351.1	2810.3	2919.4	2560.1
38°	4321.6	4130.2	3561.6	3347.7	2810.3	2857.1	2555.0
38.5°	4318.3	4115.4	3560.4	3296.5	2748.2	2852.3	2461.4
39°	4317.4	4115.4	3518.1	3293.0	2748.2	2789.9	2456.2
39.5°	4309.6	4103.7	3517.2	3239.5	2683.6	2784.9	2358.2
40°	4299.8	4090.7	3472.7	3235.9	2683.6	2715.9	2352.5
40.5°	4299.8	4090.7	3472.7	3180.2	2617.7	2635.0	2243.8
41°	4288.9	4075.4	3427.0	3118.6	2612.9	2635.0	2243.8
41.5°	4288.9	4075.4	3427.0	3118.6	2550.5	2550.8	2130.3
42°	4275.7	4063.2	3381.5	3057.0	2481.1	2545.4	2130.3
42.5°	4274.5	4063.2	3335.9	3053.2	2481.1	2461.9	2015.3
43°	4255.6	4051.6	3335.0	2990.8	2408.0	2456.3	1904.0
43.5°	4254.4	4051.6	3286.0	2986.8	2408.0	2367.2	1896.6
44°	4231.1	4037.4	3285.0	2924.4	2331.6	2361.3	1788.5
44.5°	4229.4	4037.4	3233.8	2920.2	2331.6	2266.6	1780.7

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	4199.3	4021.6	3232.7	2856.7	2249.5	2260.2	1674.9
45.5°	4169.9	4004.8	3180.2	2852.4	2249.5	2161.1	1666.6
46°	4169.9	4004.8	3180.2	2784.5	2167.0	2052.3	1552.3
46.5°	4132.3	3985.1	3125.4	2713.2	2079.0	2045.4	1552.3
47°	4132.3	3985.1	3125.4	2713.2	2079.0	1939.6	1442.2
47.5°	4092.4	3964.1	3073.8	2638.9	1989.7	1932.7	1442.2
48°	4090.1	3946.3	3020.0	2634.6	1989.7	1822.4	1333.9
48.5°	4053.4	3943.3	3020.0	2563.3	1896.9	1815.2	1204.8
49°	4051.0	3943.3	2966.5	2558.9	1896.9	1706.1	1195.7
49.5°	4019.8	3917.3	2964.6	2488.7	1802.0	1698.7	1069.8
50°	4018.0	3891.7	2902.3	2483.7	1802.0	1589.5	1060.8
50.5°	4004.7	3890.6	2902.3	2408.0	1696.6	1475.5	950.7
51°	4011.6	3865.6	2837.8	2328.2	1690.4	1475.5	950.7
51.5°	4011.6	3865.6	2837.8	2328.2	1579.0	1362.7	860.8
52°	4033.2	3842.8	2776.8	2247.5	1452.4	1352.7	860.8
52.5°	4033.2	3842.8	2776.8	2247.5	1452.4	1253.6	766.8
53°	4093.1	3832.7	2717.7	2165.9	1323.6	1243.4	632.0
53.5°	4093.1	3832.7	2662.0	2083.3	1317.1	1149.9	624.3
54°	4233.8	3856.6	2663.1	2083.3	1199.0	1140.1	467.2
54.5°	4252.9	3856.6	2610.7	2079.0	1199.0	1048.8	459.7
55°	4476.7	3945.4	2616.6	1998.8	1081.0	1039.5	346.1
55.5°	4776.3	4112.4	2576.2	1994.4	1081.0	943.7	338.1
56°	4776.3	4112.4	2576.2	1914.3	976.3	818.7	278.3
56.5°	4909.6	4325.8	2541.8	1826.5	969.4	818.7	278.3
57°	4909.6	4325.8	2541.8	1826.5	885.9	717.1	244.8
57.5°	4658.2	4515.0	2504.5	1738.4	806.6	711.1	244.8
58°	4615.2	4515.0	2453.3	1734.2	806.6	625.3	222.1
58.5°	4055.1	4550.9	2460.1	1649.5	718.2	618.6	214.3
59°	4006.2	4550.9	2405.5	1645.0	718.2	500.5	204.5
59.5°	3362.5	4319.2	2390.7	1558.1	615.3	367.8	189.7
60°	3321.2	3872.6	2303.5	1554.0	615.3	367.8	189.7
60.5°	2462.6	3801.4	2303.5	1466.0	505.5	359.3	188.6
61°	2437.1	3240.1	2206.8	1461.8	505.5	359.3	188.6
61.5°	2437.1	3240.1	2206.8	1375.0	423.7	248.4	176.5
62°	2642.5	2747.5	2115.6	1287.4	375.5	245.0	176.5
62.5°	2642.5	2381.1	2085.1	1287.4	375.5	230.5	166.4
63°	2615.5	2377.1	2047.3	1200.7	343.0	228.4	166.4
63.5°	2580.5	2377.1	2020.5	1198.5	343.0	218.4	154.5
64°	1610.5	2291.0	2020.1	1116.1	320.5	217.1	145.6
64.5°	1532.9	2291.0	2017.9	1115.9	320.5	209.3	144.9
65°	635.3	2488.2	2040.4	1039.0	300.8	208.2	146.0
65.5°	286.9	2281.4	2072.0	1042.9	300.8	200.4	145.4
66°	286.9	2281.4	2072.0	966.1	281.0	193.7	149.4
66.5°	254.4	1484.2	2070.5	895.7	274.8	193.7	149.4
67°	254.4	1484.2	2070.5	895.7	264.7	188.4	157.9

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	258.8	663.9	2048.0	823.8	250.7	187.8	157.9
68°	258.2	663.9	2016.8	821.2	250.7	185.6	187.8
68.5°	252.7	277.0	1984.7	744.4	235.4	184.8	213.4
69°	252.3	277.0	1865.6	734.5	235.4	182.6	213.2
69.5°	220.0	206.4	1859.9	657.6	219.0	181.8	242.2
70°	217.9	206.4	1677.3	642.5	219.0	175.1	241.6
70.5°	190.0	190.8	1676.2	573.4	203.2	174.2	336.3
71°	171.6	184.9	1442.0	496.1	198.4	167.6	335.7
71.5°	171.6	184.9	1442.0	496.1	186.1	163.2	532.6
72°	161.4	165.2	1175.3	413.9	171.1	162.4	532.6
72.5°	161.4	165.2	1175.3	413.9	171.1	159.0	794.0
73°	168.2	141.4	917.2	355.9	156.9	158.1	794.0
73.5°	167.9	141.4	706.7	338.4	156.9	150.3	988.2
74°	173.5	126.3	705.4	311.7	145.8	149.6	992.7
74.5°	173.8	126.3	540.6	298.0	145.8	137.3	991.7
75°	173.8	111.8	539.4	269.1	133.4	136.5	888.1
75.5°	174.3	104.0	392.8	257.0	133.4	99.7	885.1
76°	170.9	103.7	392.8	221.3	119.3	98.8	773.7
76.5°	161.3	102.9	277.0	211.7	119.3	98.8	773.7
77°	161.3	102.9	277.0	174.9	106.2	89.1	562.5
77.5°	139.0	105.5	208.3	136.9	93.5	88.2	562.5
78°	139.0	105.5	208.3	136.9	93.5	89.3	333.1
78.5°	111.0	108.7	177.6	110.9	79.3	88.3	205.1
79°	110.5	108.7	156.4	109.2	79.3	101.7	206.2
79.5°	84.9	108.8	156.6	92.5	67.9	100.9	149.4
80°	83.9	108.8	132.1	90.4	67.9	166.6	154.8
80.5°	70.5	106.6	132.0	77.1	56.8	165.7	124.8
81°	69.1	103.3	109.5	75.2	56.8	294.9	135.5
81.5°	68.0	103.2	109.5	64.1	49.2	409.1	125.0
82°	72.1	95.8	91.0	52.6	48.3	409.1	125.0
82.5°	72.1	95.8	91.0	52.6	38.3	435.0	110.5
83°	72.9	81.6	74.2	40.2	29.6	434.3	110.5
83.5°	71.9	81.6	57.5	38.8	29.6	403.1	94.5
84°	68.6	64.6	56.1	34.3	21.4	402.5	81.2
84.5°	67.7	64.6	33.9	32.5	21.4	363.5	77.9
85°	63.3	46.4	32.4	25.8	14.2	363.0	63.5
85.5°	62.7	46.4	12.3	24.1	14.2	317.3	59.7
86°	54.9	32.4	11.2	18.6	8.2	316.8	49.6
86.5°	40.1	18.9	1.3	17.8	8.2	270.1	45.8
87°	40.1	18.9	1.3	13.4	4.5	220.8	32.8
87.5°	25.6	9.9	0.6	8.9	0.7	220.5	32.8
88°	25.6	9.9	0.6	8.9	0.7	170.4	19.7
88.5°	12.2	3.2	0.2	4.5	0.4	170.4	19.7
89°	12.2	3.2	0.2	4.5	0.4	115.8	9.6
89.5°	2.2	1.3	0.1	2.2	0.2	115.8	9.6

REPORT NUMBER: P1197037

CATALOG NUMBER: AWP75S-BZ-HIGH-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2.2	1.3	0.1	2.2	0.2	73.5	6.1
90.5°	0.0	0.0	0.0	0.0	0.0	73.5	6.1
91°	0.0	0.0	0.0	0.0	0.0	29.0	2.4
91.5°	0.0	0.0	0.0	0.0	0.0	29.0	2.4
92°	0.0	0.0	0.0	0.0	0.0	3.3	0.3
92.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.1
93°	0.0	0.0	0.0	0.0	0.0	1.1	0.1
93.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.1
94°	0.0	0.0	0.0	0.0	0.0	1.1	0.1
94.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.1
95°	0.0	0.0	0.0	0.0	0.0	1.1	0.1
95.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.1
96°	0.0	0.0	0.0	0.0	0.0	1.1	0.1
96.5°	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
97.5°	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
98.5°	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
99.5°	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
100.5°	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
101.5°	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
102.5°	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
103.5°	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
104.5°	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
105.5°	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
106.5°	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
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	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	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
111.5°	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

REPORT NUMBER: P1197037

CATALOG NUMBER: AWP75S-BZ-HIGH-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	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
114.5°	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
115.5°	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
116.5°	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
117.5°	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
118.5°	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
119.5°	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
120.5°	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
121.5°	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
122.5°	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
123.5°	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
124.5°	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
125.5°	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
126.5°	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
127.5°	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
128.5°	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
129.5°	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
130.5°	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
131.5°	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
132.5°	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
133.5°	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
134.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1197037

CATALOG NUMBER: AWP75S-BZ-HIGH-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.5°	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
136.5°	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
137.5°	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
138.5°	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
139.5°	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
140.5°	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
141.5°	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
142.5°	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
143.5°	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
144.5°	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
145.5°	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
146.5°	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
147.5°	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
148.5°	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
149.5°	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
150.5°	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
151.5°	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
152.5°	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
153.5°	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
154.5°	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
155.5°	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
156.5°	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

REPORT NUMBER: P1197037

CATALOG NUMBER: AWP75S-BZ-HIGH-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	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
158.5°	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
159.5°	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
160.5°	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
161.5°	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
162.5°	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
163.5°	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
164.5°	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
165.5°	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
166.5°	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
167.5°	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
168.5°	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
169.5°	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
170.5°	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
171.5°	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
172.5°	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
173.5°	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
174.5°	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
175.5°	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
176.5°	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
177.5°	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
178.5°	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
179.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1197037
CATALOG NUMBER: AWP75S-BZ-HIGH-4000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)