

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: P1197040

Luminaire Tested: AWP75S-BZ-HIGH-5000K-POSITION 0

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197040
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-5000K-POSITION 0
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 5000K
Ballast/Driver: -

Summary

Lumens per Lamp: 10500 (1 lamp)
Luminaire Lumens: 10932 lumens
Efficiency: 104.1%
Efficacy: 144.4 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

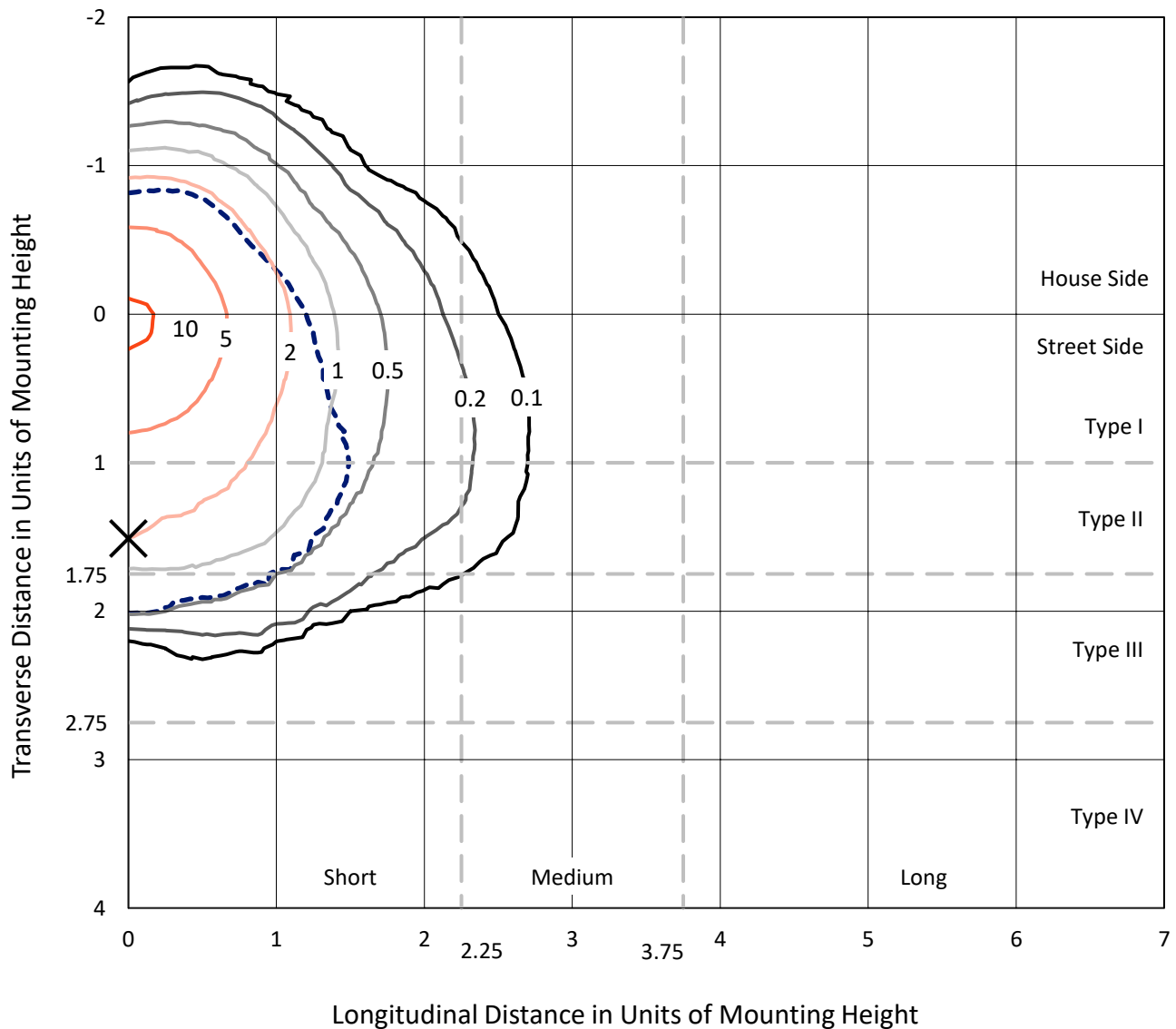
Input Watts (W): 75.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

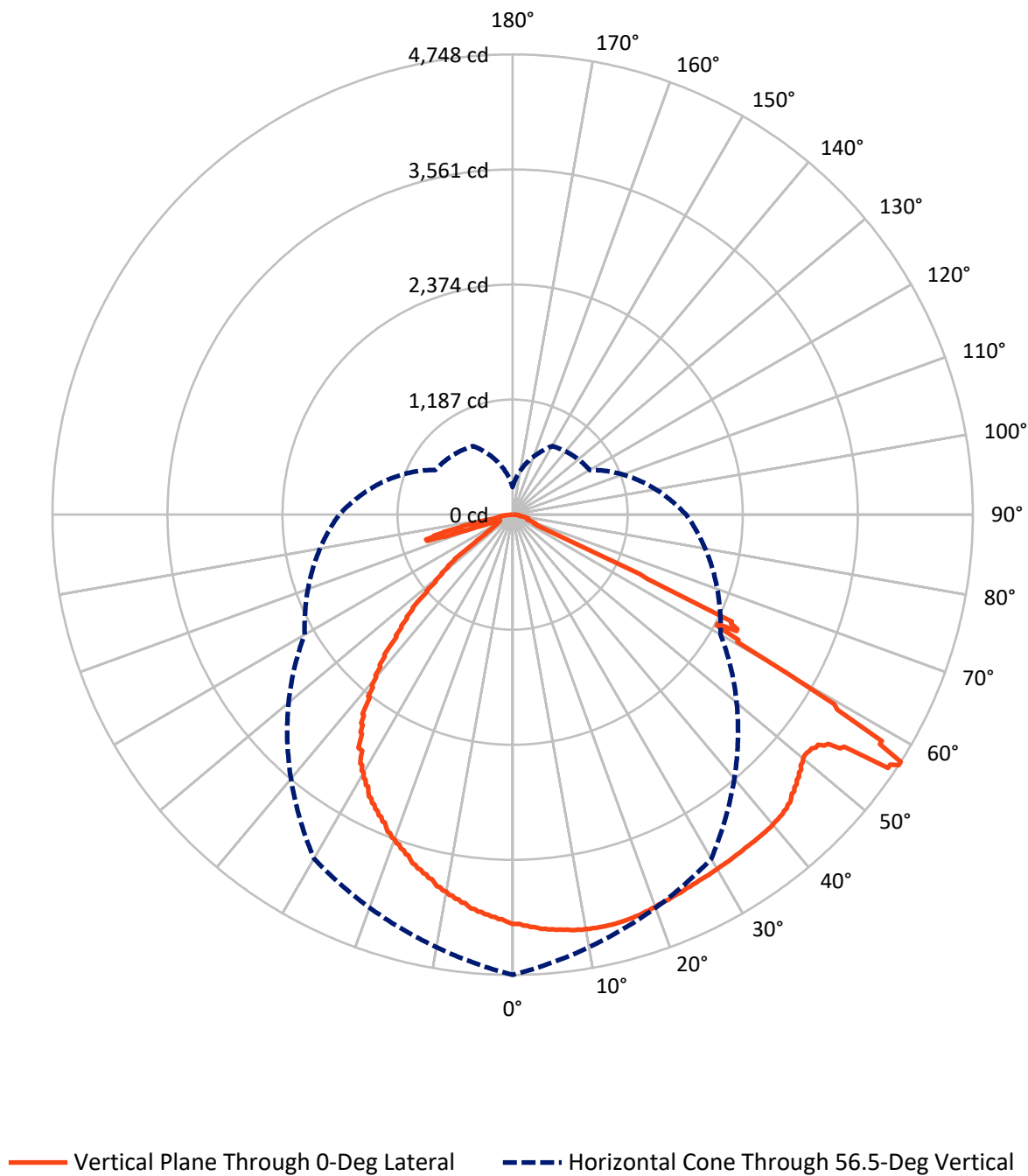


Based on 20 foot mounting height. Maximum calculated value = 10.6 fc
 Type III - Short - Cutoff

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Luminous Intensity Polar Plot



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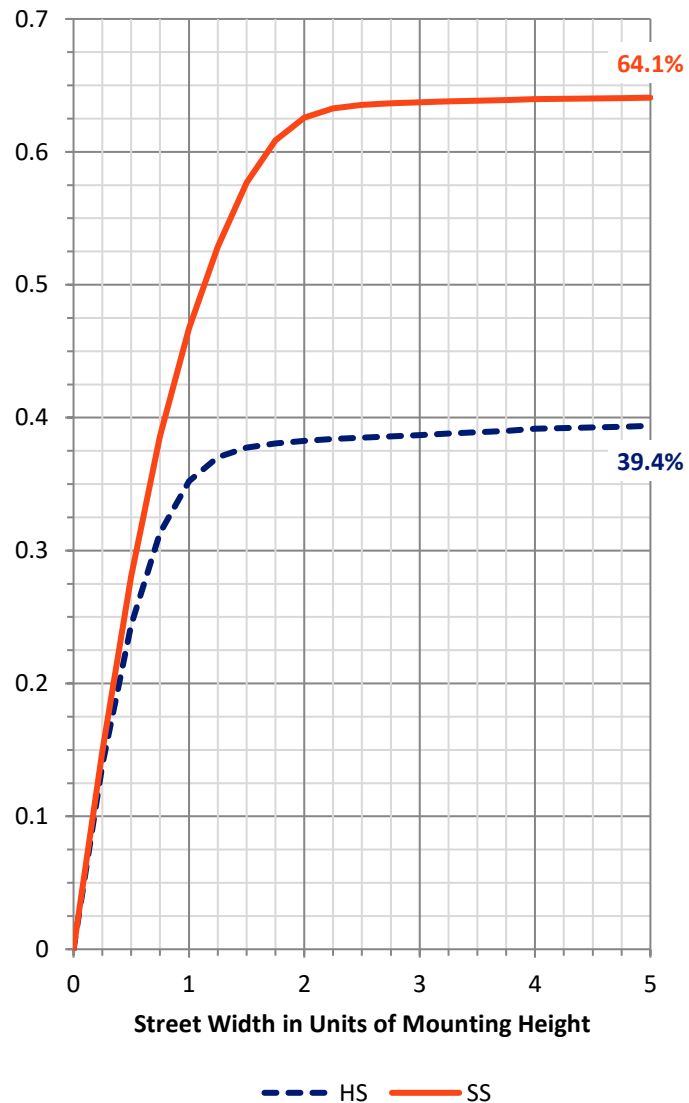
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4202.1	1.6	4203.7
	% Lamp	40.0	0.0	40.0
Street Side	Lumens	6728.3	0.0	6728.3
	% Lamp	64.1	0.0	64.1
Total	Lumens	10930.4	1.6	10932.0
	% Lamp	104.1	0.0	104.1

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	402.0	3.7	3.8
10°-20°	1151.7	10.5	11.0
20°-30°	1747.0	16.0	16.6
30°-40°	2124.7	19.4	20.2
40°-50°	2180.0	19.9	20.8
50°-60°	1922.3	17.6	18.3
60°-70°	1021.8	9.3	9.7
70°-80°	292.5	2.7	2.8
80°-90°	88.4	0.8	0.8
90°-100°	1.6	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°	10930.4	100.0	104.1
0°-180°	10932.0	100.0	104.1

Coefficient of Utilization



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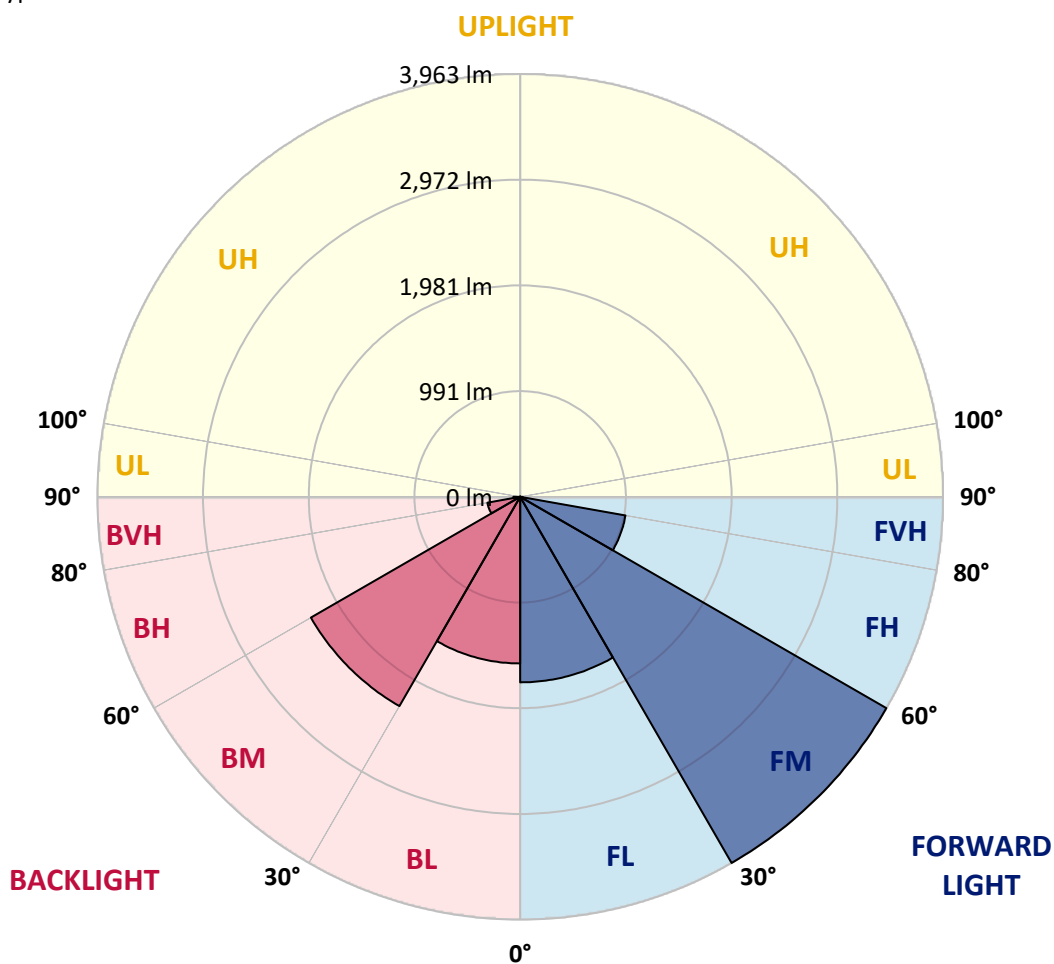
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1738.9	16.6			
FM	(30°-60°)	3962.7	37.7			
FH	(60°-80°)	1002.6	9.5			G1/1800
FVH	(80°-90°)	24.0	0.2			G1/100
BL	(0°-30°)	1561.7	14.9	B3/2500		
BM	(30°-60°)	2264.3	21.6	B2/2500		
BH	(60°-80°)	311.7	3.0	B1/500		G1/500
BVH	(80°-90°)	64.4	0.6			G1/100
UL	(90°-100°)	1.6	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		-432.0	-4.1			

BUG Rating: B3-U1-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	4222.7	4222.7	4222.7	4222.7	4222.7	4222.7	4222.7
0.5°	4222.7	4222.7	4222.7	4222.7	4222.7	4222.7	4222.7
1°	4240.3	4240.3	4264.4	4260.4	4229.7	4254.4	4209.1
1.5°	4241.2	4252.1	4265.6	4260.4	4217.9	4253.2	4193.0
2°	4257.3	4253.8	4267.7	4256.3	4217.5	4239.3	4174.4
2.5°	4258.4	4262.4	4268.6	4256.3	4205.7	4238.0	4174.4
3°	4271.3	4275.5	4269.9	4255.3	4205.6	4224.1	4154.7
3.5°	4284.1	4276.8	4272.0	4255.5	4193.8	4210.0	4153.4
4°	4284.8	4282.1	4272.6	4250.1	4193.2	4210.0	4134.1
4.5°	4296.6	4283.4	4270.4	4244.6	4176.6	4193.3	4132.5
5°	4297.2	4295.2	4271.7	4244.6	4164.8	4192.0	4111.1
5.5°	4306.9	4296.2	4268.5	4237.8	4164.1	4177.0	4109.5
6°	4306.9	4302.6	4269.1	4237.8	4142.7	4174.8	4087.0
6.5°	4316.5	4303.6	4267.0	4231.1	4142.0	4153.3	4084.7
7°	4317.1	4307.9	4263.2	4230.7	4122.7	4151.3	4062.2
7.5°	4327.0	4315.3	4263.8	4223.2	4121.9	4138.5	4036.2
8°	4333.4	4316.0	4258.5	4222.6	4103.7	4136.5	4036.2
8.5°	4333.5	4319.2	4258.8	4211.9	4102.5	4114.0	4007.0
9°	4341.0	4320.0	4251.3	4211.1	4080.0	4091.3	4004.9
9.5°	4341.4	4322.2	4251.5	4190.7	4077.9	4091.3	3978.1
10°	4345.6	4322.6	4245.1	4190.1	4058.6	4065.7	3975.6
10.5°	4345.4	4322.6	4245.1	4190.1	4037.2	4063.4	3946.7
11°	4348.6	4323.0	4235.5	4171.9	4035.4	4039.9	3944.2
11.5°	4348.3	4325.1	4235.7	4171.9	4008.6	4037.0	3915.3
12°	4351.5	4325.4	4227.1	4157.1	4007.1	4011.3	3912.6
12.5°	4350.7	4322.2	4215.0	4155.8	3982.4	4008.7	3883.6
13°	4350.3	4319.0	4214.6	4144.0	3981.2	3984.1	3851.0
13.5°	4350.3	4319.0	4201.8	4142.7	3958.7	3953.8	3848.1
14°	4349.8	4313.6	4201.2	4126.6	3957.0	3953.8	3817.0
14.5°	4346.6	4313.3	4188.3	4125.2	3928.1	3922.9	3814.1
15°	4345.4	4309.0	4187.9	4109.2	3896.4	3919.8	3783.0
15.5°	4342.2	4308.7	4175.0	4089.6	3894.4	3889.8	3779.8
16°	4340.9	4301.2	4174.2	4089.6	3861.2	3886.3	3747.7
16.5°	4334.5	4300.5	4156.0	4067.3	3859.1	3855.2	3744.4
17°	4333.2	4289.8	4154.9	4067.3	3826.9	3851.8	3710.1
17.5°	4326.8	4280.6	4139.0	4044.3	3824.7	3822.9	3673.8
18°	4319.3	4279.9	4119.7	4042.3	3790.3	3819.3	3673.8
18.5°	4318.0	4269.1	4118.6	4024.0	3788.4	3784.9	3637.0
19°	4307.3	4268.0	4095.0	4021.6	3753.1	3744.8	3633.2
19.5°	4307.3	4257.3	4093.8	3996.9	3750.5	3744.8	3598.9
20°	4296.2	4256.3	4073.5	3969.0	3713.5	3707.9	3595.4
20.5°	4294.8	4243.4	4072.1	3969.0	3671.7	3703.6	3561.1
21°	4286.3	4242.5	4048.5	3944.0	3669.3	3669.3	3557.5
21.5°	4285.1	4230.7	4047.3	3944.0	3631.8	3665.3	3521.0
22°	4275.5	4229.7	4024.8	3911.7	3628.6	3629.9	3517.3

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	4273.9	4216.8	3998.8	3909.1	3593.2	3626.2	3480.9
23°	4267.6	4203.4	3997.4	3881.2	3590.3	3590.8	3439.6
23.5°	4267.6	4203.4	3974.9	3878.8	3548.5	3586.5	3439.6
24°	4258.7	4188.7	3973.5	3849.9	3545.5	3548.9	3399.2
24.5°	4252.2	4188.0	3950.9	3847.5	3504.7	3502.9	3394.8
25°	4251.2	4176.2	3949.7	3819.7	3501.8	3502.9	3356.3
25.5°	4244.8	4175.5	3921.8	3788.9	3454.9	3462.9	3352.5
26°	4243.7	4161.6	3920.4	3788.9	3414.2	3458.6	3312.9
26.5°	4237.2	4160.9	3894.6	3755.1	3410.9	3416.8	3308.5
27°	4236.0	4148.1	3893.3	3755.1	3364.8	3411.9	3268.8
27.5°	4233.9	4147.8	3862.2	3720.7	3361.6	3374.4	3264.9
28°	4232.7	4136.1	3861.0	3720.7	3313.3	3369.4	3225.2
28.5°	4227.2	4122.7	3833.9	3685.9	3309.9	3328.6	3177.0
29°	4222.9	4122.3	3801.7	3682.5	3262.8	3281.9	3172.6
29.5°	4221.9	4109.4	3800.4	3646.0	3258.9	3281.9	3127.6
30°	4217.6	4097.2	3770.2	3643.0	3212.9	3235.2	3123.2
30.5°	4216.4	4097.2	3770.2	3604.4	3159.5	3230.0	3071.7
31°	4212.1	4096.7	3740.2	3562.7	3155.4	3186.1	3067.1
31.5°	4211.3	4083.9	3738.8	3562.7	3106.1	3180.9	3014.6
32°	4207.0	4083.4	3704.5	3522.6	3102.3	3138.0	3010.1
32.5°	4205.8	4070.6	3703.2	3522.6	3051.9	3132.7	2953.3
33°	4202.5	4056.4	3669.5	3479.6	3047.7	3089.8	2887.7
33.5°	4202.5	4056.4	3638.5	3437.7	2993.3	3084.6	2887.7
34°	4197.2	4042.0	3637.0	3437.7	2993.3	3039.5	2882.9
34.5°	4192.9	4041.6	3601.6	3434.0	2944.0	2986.1	2812.5
35°	4191.8	4027.6	3600.2	3434.0	2944.0	2986.1	2742.8
35.5°	4191.8	4027.6	3564.8	3344.5	2883.5	2929.3	2737.4
36°	4190.7	4015.8	3563.5	3344.5	2829.9	2923.6	2663.4
36.5°	4187.5	4015.5	3528.2	3295.8	2825.2	2869.0	2657.7
37°	4186.8	4004.8	3527.0	3295.8	2773.7	2863.5	2578.3
37.5°	4185.7	4004.7	3487.4	3245.5	2768.9	2808.9	2572.6
38°	4184.9	3988.6	3447.1	3241.5	2714.2	2803.1	2489.0
38.5°	4181.0	3976.4	3445.8	3194.3	2709.3	2744.2	2393.8
39°	4181.0	3976.4	3407.3	3190.2	2656.8	2738.7	2393.8
39.5°	4176.0	3965.3	3406.1	3142.0	2651.7	2673.3	2292.6
40°	4168.5	3964.5	3363.2	3137.5	2592.7	2597.4	2285.3
40.5°	4167.7	3949.5	3361.7	3086.0	2587.3	2597.4	2187.7
41°	4160.2	3948.7	3319.9	3025.9	2525.7	2518.6	2180.1
41.5°	4159.4	3938.0	3318.7	3025.9	2465.7	2512.3	2079.3
42°	4145.4	3936.5	3276.9	2966.8	2460.0	2437.3	2071.4
42.5°	4144.4	3926.9	3275.9	2966.8	2396.7	2430.7	1967.5
43°	4126.2	3924.9	3233.0	2905.5	2390.7	2348.1	1958.8
43.5°	4124.7	3914.2	3185.8	2900.7	2325.3	2341.2	1853.7
44°	4100.0	3900.1	3184.6	2840.7	2319.0	2255.5	1742.9
44.5°	4073.2	3897.3	3136.3	2835.6	2248.3	2155.9	1733.2

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	4073.2	3884.4	3135.0	2775.6	2242.0	2155.9	1635.6
45.5°	4043.2	3881.2	3084.6	2770.3	2172.3	2053.1	1625.6
46°	4041.2	3864.1	3082.8	2707.0	2087.4	2044.9	1527.0
46.5°	4007.7	3860.8	3037.8	2636.9	2080.5	1946.3	1516.7
47°	4007.7	3845.8	3036.2	2636.9	2001.2	1938.0	1421.2
47.5°	3974.0	3821.1	2983.6	2566.2	1994.3	1835.0	1410.4
48°	3974.0	3821.1	2983.6	2566.2	1913.9	1826.6	1320.4
48.5°	3938.6	3796.2	2934.1	2489.4	1906.4	1724.8	1186.4
49°	3936.0	3796.2	2879.5	2483.7	1824.9	1716.2	1186.4
49.5°	3912.5	3772.3	2877.2	2419.4	1818.2	1613.3	1054.5
50°	3904.2	3771.6	2821.5	2413.5	1728.1	1503.1	1043.9
50.5°	3904.2	3745.9	2818.8	2337.4	1720.1	1503.1	946.3
51°	3915.9	3747.1	2763.0	2262.9	1615.4	1492.8	946.3
51.5°	3915.9	3723.5	2760.5	2262.9	1615.4	1346.0	851.6
52°	3945.3	3726.2	2703.7	2186.2	1497.5	1334.4	851.6
52.5°	3945.3	3710.1	2702.0	2186.2	1381.7	1230.0	755.1
53°	4003.7	3715.2	2646.3	2106.4	1374.0	1230.0	755.1
53.5°	4023.0	3714.1	2592.6	2100.8	1261.4	1132.4	612.1
54°	4151.6	3761.9	2596.2	2031.1	1254.1	1132.4	466.3
54.5°	4175.7	3761.9	2549.0	2026.1	1140.5	1034.7	457.3
55°	4397.6	3887.1	2559.7	1952.2	1132.7	950.1	342.2
55.5°	4673.0	3914.1	2510.4	1947.0	1027.6	939.0	342.2
56°	4673.0	4089.9	2528.8	1870.9	1019.7	826.5	283.3
56.5°	4747.8	4098.1	2476.3	1789.2	920.5	816.9	283.3
57°	4747.8	4298.6	2497.4	1789.2	920.5	721.5	249.7
57.5°	4469.0	4272.8	2447.0	1704.6	835.0	713.4	249.7
58°	4469.0	4419.7	2462.4	1704.6	758.9	621.8	225.9
58.5°	3907.6	4366.3	2413.1	1618.0	750.4	621.8	225.9
59°	3852.1	4327.7	2356.5	1612.5	668.9	503.9	208.0
59.5°	3261.4	3977.4	2326.2	1526.7	659.9	503.9	204.7
60°	2665.8	3919.7	2281.2	1522.0	567.7	376.3	192.4
60.5°	2665.8	3448.0	2231.7	1435.1	558.6	299.1	182.1
61°	2395.7	3422.4	2183.4	1430.1	470.7	289.9	182.1
61.5°	2395.7	2932.5	2132.0	1343.2	409.0	251.1	175.4
62°	2603.2	2952.2	2084.8	1254.7	400.2	251.1	175.4
62.5°	2603.2	2500.8	2037.5	1254.7	369.1	231.8	166.2
63°	2515.4	2490.0	2004.2	1166.5	360.3	231.8	166.2
63.5°	2515.4	2264.9	1980.6	1166.5	341.0	220.1	154.5
64°	1540.8	2312.4	1974.2	1082.8	332.4	220.1	145.9
64.5°	1447.5	2312.4	1982.8	1083.7	320.6	211.4	145.1
65°	615.6	2368.8	1997.9	1008.6	312.7	203.8	145.4
65.5°	276.9	2339.6	2053.6	1014.5	298.8	202.4	145.4
66°	276.9	1884.0	2005.8	941.6	291.2	194.9	148.9
66.5°	245.7	1882.7	2069.1	877.5	271.9	193.6	148.9
67°	245.7	1064.7	1983.2	877.5	263.4	189.5	155.0

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	250.0	1065.4	2012.1	811.9	256.2	187.4	154.8
68°	250.0	445.7	1947.1	811.9	246.5	186.4	182.6
68.5°	244.3	445.2	1878.5	739.3	239.6	186.4	182.6
69°	243.5	230.8	1717.7	724.8	232.1	185.6	212.7
69.5°	213.5	198.7	1714.6	658.3	225.2	185.6	242.7
70°	210.6	198.7	1528.1	638.7	215.5	177.1	241.9
70.5°	184.9	188.5	1527.3	577.6	209.1	169.6	335.4
71°	166.8	186.8	1302.2	554.0	197.3	168.3	335.4
71.5°	166.8	179.3	1301.4	499.3	191.6	164.0	516.2
72°	154.7	178.1	1062.3	412.0	173.2	162.8	516.2
72.5°	154.7	154.6	1059.9	412.0	163.6	159.6	745.4
73°	162.2	155.5	835.8	352.1	159.8	159.6	745.4
73.5°	162.2	137.2	833.9	352.1	150.1	152.2	922.6
74°	167.3	137.8	651.7	306.1	147.3	152.2	922.6
74.5°	167.9	122.8	501.1	290.5	147.3	140.4	930.0
75°	166.8	110.9	499.8	261.5	135.7	139.5	838.9
75.5°	162.0	110.3	362.6	247.1	126.0	122.4	837.2
76°	162.0	105.0	362.0	212.8	122.4	104.2	733.4
76.5°	153.9	104.1	251.6	165.9	109.1	103.2	733.4
77°	153.9	106.2	251.8	165.9	99.4	89.3	538.0
77.5°	134.5	104.2	192.9	130.7	96.4	89.3	538.0
78°	134.5	108.5	193.3	130.7	87.8	88.4	321.5
78.5°	108.5	105.8	169.7	106.8	85.6	88.4	321.5
79°	83.9	106.4	170.1	106.8	73.8	94.7	206.5
79.5°	83.2	105.3	147.5	89.4	72.2	94.7	150.7
80°	83.2	105.3	147.5	89.4	62.6	143.0	155.9
80.5°	68.1	100.6	124.6	75.3	61.3	266.2	139.9
81°	66.6	100.6	104.2	73.2	52.7	265.3	139.9
81.5°	66.6	95.3	103.7	62.4	51.6	379.0	131.5
82°	70.2	95.8	86.5	52.1	43.2	378.2	131.5
82.5°	70.2	86.2	85.5	52.1	35.7	418.1	118.6
83°	69.7	86.3	70.5	39.8	34.6	418.1	118.6
83.5°	69.7	72.4	69.0	39.8	26.0	387.2	102.6
84°	65.3	72.0	54.0	33.9	25.6	387.2	102.6
84.5°	64.3	56.0	29.8	31.5	18.0	351.1	86.0
85°	57.8	39.2	28.1	25.1	17.4	351.1	69.9
85.5°	57.2	39.2	11.0	23.3	10.9	309.6	65.6
86°	49.7	27.7	9.9	16.9	10.3	265.7	52.5
86.5°	35.4	26.2	2.4	16.1	7.0	265.4	52.5
87°	35.4	16.6	1.4	11.8	3.4	218.9	38.0
87.5°	24.7	15.5	1.4	8.6	3.0	218.9	38.0
88°	24.7	7.9	0.6	8.6	0.9	171.5	24.4
88.5°	11.8	6.6	0.6	4.3	0.5	171.5	24.4
89°	11.8	2.3	0.1	4.3	0.5	120.1	12.6
89.5°	2.1	1.3	0.1	1.1	0.1	120.1	12.6

REPORT NUMBER: P1197040

CATALOG NUMBER: AWP75S-BZ-HIGH-5000K-POSITION 0

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2.1	1.3	0.1	1.1	0.1	76.1	8.0
90.5°	0.0	0.0	0.0	0.0	0.0	76.1	8.0
91°	0.0	0.0	0.0	0.0	0.0	35.4	3.7
91.5°	0.0	0.0	0.0	0.0	0.0	4.3	0.5
92°	0.0	0.0	0.0	0.0	0.0	4.3	0.5
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	1.1	0.1
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: P1197040

CATALOG NUMBER: AWP75S-BZ-HIGH-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	0.0	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: P1197040

CATALOG NUMBER: AWP75S-BZ-HIGH-5000K-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: P1197040

CATALOG NUMBER: AWP75S-BZ-HIGH-5000K-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: P1197040
CATALOG NUMBER: AWP75S-BZ-HIGH-5000K-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)