

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: P1197056

Luminaire Tested: AWP75S-BZ-LOW-4000K-POSITION 30

Issue Date: 10/29/2025

Test Information

Test Method: LM-79-2019
Report Number: P1197056
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-LOW-4000K-POSITION 30
Description: AWP Architectural Wall Pack Series - Wall Mount Luminaire
Light Source: 80 CRI, 4000K
Ballast/Driver: -

Summary

Lumens per Lamp: 9923 (1 lamp)
Luminaire Lumens: 8321.9 lumens
Efficiency: 83.9%
Efficacy: 153.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.4' x L: 0.56' x H: 0.69')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U3 - G5

Input Watts (W): 54.3
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

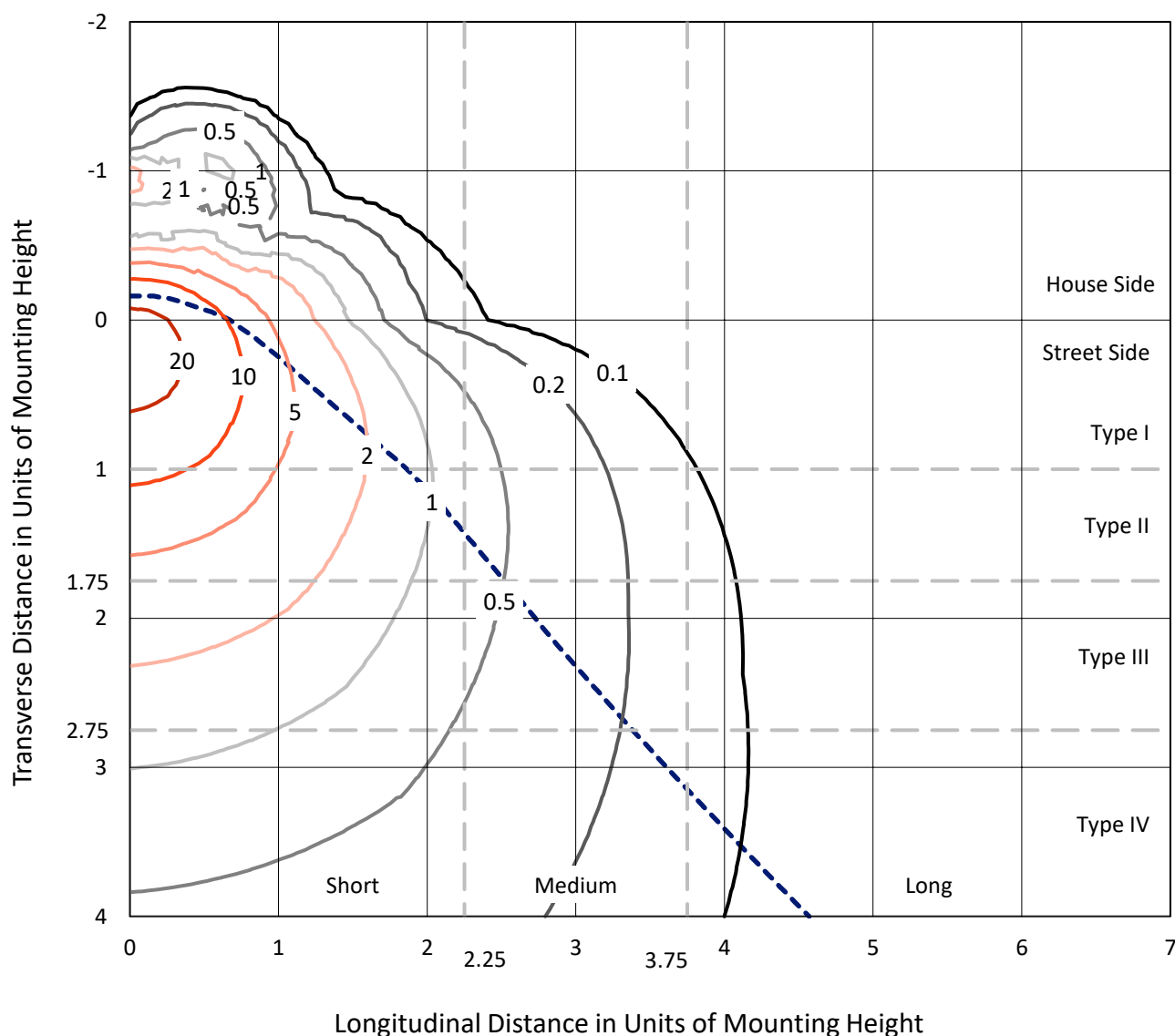
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



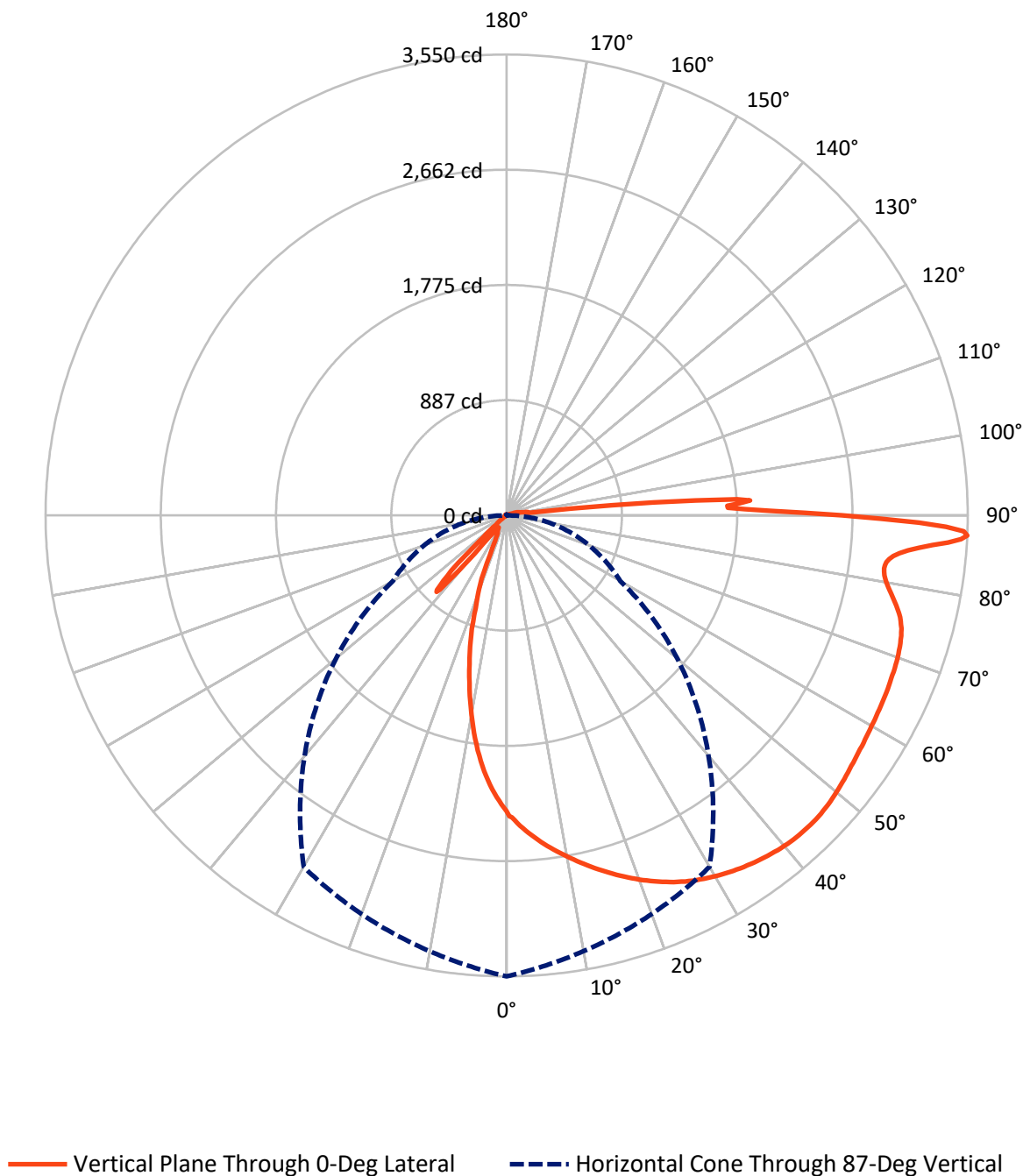
Based on 10 foot mounting height. Maximum calculated value = 25.7 fc

Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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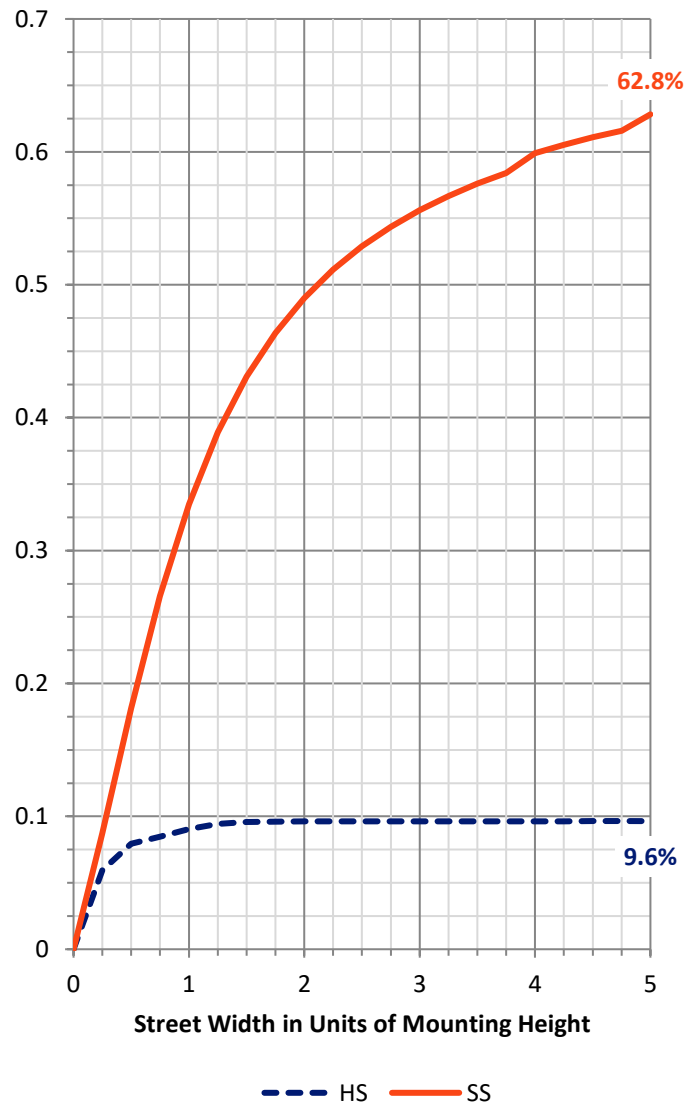
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	969.9	20.4	990.3
	% Lamp	9.8	0.2	10.0
Street Side	Lumens	6987.3	344.3	7331.6
	% Lamp	70.4	3.5	73.9
Total	Lumens	7957.2	364.7	8321.9
	% Lamp	80.2	3.7	83.9

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	215.9	2.6	2.2
10°-20°	586.1	7.0	5.9
20°-30°	824.8	9.9	8.3
30°-40°	993.2	11.9	10.0
40°-50°	1134.6	13.6	11.4
50°-60°	1143.0	13.7	11.5
60°-70°	1067.2	12.8	10.8
70°-80°	1011.5	12.2	10.2
80°-90°	981.0	11.8	9.9
90°-100°	320.8	3.9	3.2
100°-110°	23.9	0.3	0.2
110°-120°	4.5	0.1	0.0
120°-130°	3.7	0.0	0.0
130°-140°	3.6	0.0	0.0
140°-150°	3.2	0.0	0.0
150°-160°	2.6	0.0	0.0
160°-170°	1.7	0.0	0.0
170°-180°	0.6	0.0	0.0
0°-90°	7957.2	95.6	80.2
0°-180°	8321.9	100.0	83.9

Coefficient of Utilization



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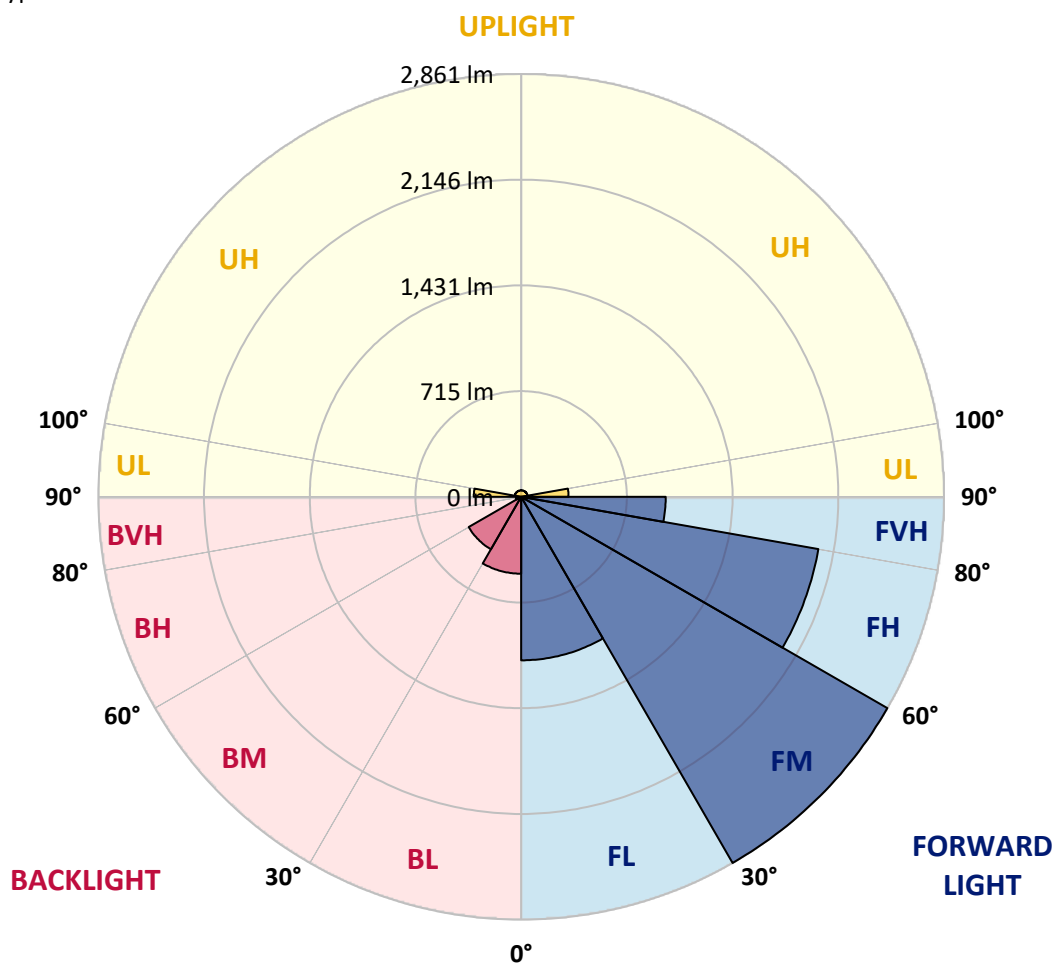
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1106.4	11.1			
FM	(30°-60°)	2861.2	28.8			
FH	(60°-80°)	2042.0	20.6			G2/5000
FVH	(80°-90°)	977.7	9.9			G5
BL	(0°-30°)	520.3	5.2	B2/1000		
BM	(30°-60°)	409.6	4.1	B1/1000		
BH	(60°-80°)	36.7	0.4	B0/110		G0/110
BVH	(80°-90°)	3.3	0.0			G0/10
UL	(90°-100°)	320.8	3.2		U3/500	
UH	(100°-180°)	43.9	0.4		U2/50	
Trapped Light		1601.1	16.1			

BUG Rating: B2-U3-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°
0°	2317.4	2317.4	2317.4	2317.4	2317.4	2317.4	2317.4
0.5°	2325.8	2340.0	2337.0	2328.3	2310.4	2285.6	2277.1
1°	2348.4	2359.1	2347.7	2328.2	2298.8	2263.9	2252.3
1.5°	2370.0	2378.5	2357.8	2327.2	2286.0	2242.0	2226.3
2°	2391.9	2396.7	2369.0	2327.1	2273.2	2218.8	2198.5
2.5°	2412.9	2414.4	2379.2	2325.3	2259.8	2194.1	2170.7
3°	2433.1	2431.5	2388.2	2322.8	2245.5	2169.2	2141.2
3.5°	2452.8	2448.2	2397.7	2321.2	2230.7	2143.3	2111.2
4°	2471.9	2464.5	2406.7	2319.0	2216.1	2115.9	2079.3
4.5°	2490.7	2480.2	2414.1	2315.9	2200.3	2089.0	2045.6
5°	2510.1	2496.0	2422.0	2313.5	2183.7	2060.4	2012.5
5.5°	2528.2	2511.1	2429.6	2310.3	2167.7	2029.1	1976.2
6°	2546.0	2526.2	2436.5	2306.5	2150.4	1999.3	1939.4
6.5°	2563.8	2540.3	2443.7	2302.8	2132.7	1967.7	1902.0
7°	2581.4	2554.9	2450.5	2298.4	2114.8	1934.3	1863.2
7.5°	2598.4	2568.7	2455.8	2293.9	2096.6	1900.2	1821.8
8°	2615.7	2582.7	2461.8	2289.4	2076.8	1866.0	1780.1
8.5°	2632.4	2596.5	2467.7	2284.3	2057.4	1829.5	1737.6
9°	2649.1	2609.7	2472.8	2279.1	2037.7	1792.1	1694.8
9.5°	2666.9	2622.5	2477.5	2273.5	2017.0	1754.6	1650.1
10°	2683.1	2636.2	2482.3	2267.4	1994.1	1715.9	1604.6
10.5°	2699.6	2649.6	2486.4	2261.8	1973.2	1676.0	1557.9
11°	2716.5	2662.2	2490.7	2255.5	1949.6	1636.5	1510.4
11.5°	2732.6	2674.0	2494.7	2248.6	1926.9	1596.0	1464.8
12°	2749.3	2686.6	2498.8	2242.1	1903.6	1554.5	1418.3
12.5°	2765.1	2699.9	2501.9	2234.8	1879.2	1512.0	1369.2
13°	2781.7	2711.5	2505.6	2227.3	1853.7	1469.6	1322.2
13.5°	2798.4	2723.6	2508.3	2220.2	1829.8	1425.5	1276.2
14°	2814.4	2736.1	2511.1	2211.9	1802.6	1383.3	1228.5
14.5°	2830.6	2747.5	2514.0	2203.6	1774.9	1339.1	1181.5
15°	2846.3	2759.7	2516.1	2195.6	1749.0	1297.4	1137.2
15.5°	2862.0	2771.1	2518.1	2186.3	1720.6	1253.4	1092.1
16°	2878.1	2783.2	2520.3	2177.8	1691.1	1210.5	1048.5
16.5°	2893.6	2794.6	2522.3	2169.4	1663.3	1169.0	1004.1
17°	2908.7	2806.1	2524.0	2158.9	1634.3	1127.6	962.3
17.5°	2924.4	2817.5	2525.5	2148.5	1603.7	1085.6	914.7
18°	2939.4	2828.7	2527.2	2139.8	1573.7	1046.4	857.9
18.5°	2954.6	2839.2	2528.3	2129.2	1543.3	1005.4	801.9
19°	2969.5	2850.5	2529.1	2117.9	1510.8	965.5	752.5
19.5°	2984.5	2861.1	2529.8	2108.3	1479.3	926.9	708.7
20°	2998.4	2871.4	2530.5	2096.9	1448.2	887.7	670.9
20.5°	3012.1	2882.1	2530.6	2085.4	1414.4	842.8	636.1
21°	3025.5	2892.2	2531.4	2073.9	1380.3	790.8	605.7
21.5°	3039.2	2902.1	2531.9	2061.5	1347.9	741.4	570.0
22°	3052.1	2911.9	2531.3	2048.8	1313.8	696.8	524.2

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
22.5°	3065.5	2921.3	2531.4	2036.6	1279.8	658.3	464.4
23°	3078.2	2929.8	2530.5	2023.3	1247.5	624.0	397.1
23.5°	3090.6	2939.5	2529.8	2010.2	1212.9	593.1	329.4
24°	3102.5	2948.0	2529.1	1997.2	1178.7	563.2	274.7
24.5°	3114.8	2956.5	2529.0	1983.1	1146.5	531.2	233.6
25°	3125.4	2965.1	2527.7	1969.3	1112.4	488.8	216.9
25.5°	3136.3	2973.0	2526.2	1954.9	1077.3	436.9	201.0
26°	3146.8	2981.1	2524.7	1940.0	1043.7	376.5	185.1
26.5°	3156.6	2989.2	2522.9	1926.0	1011.0	315.5	169.2
27°	3166.0	2995.9	2521.0	1910.9	977.0	263.8	161.1
27.5°	3175.3	3003.3	2519.6	1894.7	944.9	223.8	155.2
28°	3184.1	3009.9	2517.4	1879.4	913.6	206.8	151.2
28.5°	3192.2	3015.9	2514.6	1863.3	881.9	190.7	148.3
29°	3200.8	3022.6	2511.8	1846.6	852.2	174.8	146.1
29.5°	3209.0	3027.6	2509.0	1830.0	822.7	158.8	144.4
30°	3217.2	3033.2	2506.5	1813.4	793.0	151.9	142.7
30.5°	3224.7	3038.3	2503.0	1795.6	763.4	146.9	140.6
31°	3232.0	3043.1	2499.7	1778.1	735.7	143.4	137.1
31.5°	3238.8	3047.6	2496.5	1761.0	708.3	141.5	132.1
32°	3245.4	3051.6	2492.6	1742.1	680.8	140.8	126.3
32.5°	3252.3	3055.2	2488.4	1724.5	655.7	140.8	121.5
33°	3258.7	3058.9	2484.4	1705.3	630.4	141.5	117.1
33.5°	3264.8	3062.6	2480.1	1686.3	601.2	142.2	112.7
34°	3270.6	3065.7	2475.2	1667.0	573.2	142.9	111.8
34.5°	3276.9	3068.8	2470.4	1646.7	545.0	143.8	112.5
35°	3282.3	3071.9	2465.4	1626.5	516.4	144.8	113.7
35.5°	3287.8	3074.2	2459.4	1606.5	485.1	145.8	115.7
36°	3292.9	3076.0	2454.1	1585.6	453.9	146.4	119.6
36.5°	3298.0	3078.7	2448.4	1564.8	422.6	146.3	127.5
37°	3303.1	3080.9	2442.2	1543.3	391.2	144.9	143.3
37.5°	3307.4	3082.9	2436.2	1521.4	359.3	139.8	161.0
38°	3311.9	3084.7	2429.9	1500.2	317.3	134.5	171.7
38.5°	3316.2	3086.5	2423.3	1477.8	277.8	128.7	180.1
39°	3320.6	3088.0	2416.3	1455.5	245.8	122.6	196.3
39.5°	3323.3	3088.9	2409.3	1433.9	219.4	117.0	230.0
40°	3327.1	3090.0	2401.9	1411.2	200.9	111.9	285.7
40.5°	3329.7	3089.8	2394.1	1388.7	188.4	107.6	381.9
41°	3332.3	3090.1	2387.1	1367.2	179.6	104.5	478.4
41.5°	3334.7	3089.5	2379.2	1344.4	173.1	103.4	574.9
42°	3336.0	3089.6	2370.8	1322.2	167.9	103.5	671.5
42.5°	3336.9	3089.0	2363.3	1300.2	163.4	104.5	768.1
43°	3338.1	3088.0	2354.8	1276.5	159.4	105.0	798.2
43.5°	3338.8	3086.9	2345.5	1252.5	155.7	106.0	785.0
44°	3338.8	3085.5	2337.2	1226.5	152.2	108.4	742.0
44.5°	3338.9	3083.3	2328.0	1199.9	149.2	114.7	698.7

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
45°	3338.1	3080.8	2318.2	1172.1	146.3	127.0	651.8
45.5°	3337.5	3077.2	2308.2	1143.2	143.7	151.4	601.9
46°	3336.0	3074.2	2298.6	1114.4	141.4	182.7	517.3
46.5°	3334.0	3071.3	2287.8	1085.7	138.9	208.8	413.1
47°	3331.6	3067.3	2276.8	1056.3	136.5	240.1	313.6
47.5°	3328.5	3063.2	2266.0	1026.8	134.4	282.8	236.9
48°	3325.7	3059.1	2254.4	998.9	132.6	335.4	205.3
48.5°	3322.4	3055.0	2242.6	969.3	130.4	367.1	174.7
49°	3319.0	3050.1	2230.5	940.2	128.1	397.7	144.1
49.5°	3315.2	3044.7	2218.2	912.1	126.0	428.4	113.1
50°	3311.3	3039.7	2205.6	883.2	123.6	459.3	101.3
50.5°	3307.0	3033.9	2192.8	853.2	121.2	490.3	92.3
51°	3302.9	3028.2	2179.3	823.9	118.2	469.2	84.0
51.5°	3298.6	3021.4	2165.7	794.7	115.1	442.4	75.9
52°	3294.1	3014.6	2152.0	763.7	112.2	420.1	68.7
52.5°	3289.6	3008.4	2138.5	733.9	109.3	393.3	62.3
53°	3285.4	3001.6	2124.7	704.4	106.5	368.0	56.5
53.5°	3281.2	2994.5	2110.8	674.6	103.3	344.7	51.3
54°	3277.5	2986.9	2095.4	646.3	99.3	320.3	46.3
54.5°	3273.7	2979.5	2080.4	618.5	95.6	295.1	41.7
55°	3270.0	2971.7	2064.6	591.2	91.9	269.0	36.9
55.5°	3266.5	2964.3	2048.3	565.7	88.4	240.9	32.2
56°	3263.6	2957.4	2032.4	541.1	85.0	216.5	28.0
56.5°	3261.0	2950.3	2017.0	518.5	81.6	192.1	24.0
57°	3257.9	2942.8	2001.2	497.7	78.2	167.7	20.1
57.5°	3254.9	2935.9	1985.7	478.0	74.9	143.3	16.7
58°	3251.9	2928.2	1970.4	459.5	71.1	119.0	13.7
58.5°	3249.6	2921.2	1955.4	441.5	67.1	101.6	12.0
59°	3247.5	2914.3	1939.5	420.8	63.5	85.4	10.9
59.5°	3244.5	2907.8	1924.7	396.8	60.0	68.4	9.8
60°	3242.1	2900.3	1910.2	369.9	56.2	52.2	8.8
60.5°	3240.7	2893.6	1894.6	337.6	53.2	41.2	7.9
61°	3238.1	2886.8	1879.2	304.9	50.2	31.9	7.0
61.5°	3236.3	2880.6	1864.1	275.0	46.7	17.5	6.4
62°	3234.4	2874.0	1848.6	253.1	44.0	8.0	5.6
62.5°	3232.5	2867.0	1833.4	237.4	41.8	6.1	5.0
63°	3230.4	2860.3	1818.3	228.3	39.9	5.8	4.6
63.5°	3228.8	2854.0	1802.5	219.5	38.1	5.8	4.2
64°	3227.9	2847.5	1786.0	210.6	36.3	5.8	3.9
64.5°	3226.1	2841.9	1769.2	201.7	34.5	5.7	3.7
65°	3223.8	2836.5	1751.7	197.1	32.7	5.5	3.5
65.5°	3221.9	2831.2	1733.5	192.7	30.9	5.3	3.4
66°	3219.4	2826.1	1713.9	188.6	29.1	5.1	3.3
66.5°	3216.7	2821.6	1694.4	184.2	27.3	4.9	3.3
67°	3214.7	2817.1	1673.6	180.0	25.4	4.7	3.2

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
67.5°	3212.9	2813.3	1652.7	176.1	22.9	4.6	3.2
68°	3211.1	2809.5	1631.9	172.6	20.6	4.4	3.2
68.5°	3208.5	2805.3	1610.6	169.2	18.7	4.2	3.2
69°	3206.3	2801.8	1589.7	166.2	17.3	4.0	3.2
69.5°	3203.2	2797.6	1568.2	163.3	16.0	3.8	3.1
70°	3199.4	2793.9	1546.3	160.5	14.6	3.6	3.1
70.5°	3196.0	2790.9	1524.4	157.6	13.2	3.5	3.1
71°	3192.1	2788.6	1502.0	154.5	11.7	3.3	3.1
71.5°	3187.3	2786.2	1479.6	151.3	10.0	3.1	3.2
72°	3181.8	2784.5	1456.2	147.8	8.2	3.0	3.2
72.5°	3176.4	2781.8	1432.2	144.1	6.4	2.9	3.3
73°	3169.3	2778.0	1405.9	140.4	4.8	2.7	3.4
73.5°	3161.8	2774.0	1379.4	136.1	3.7	2.7	3.5
74°	3151.5	2770.1	1351.8	131.0	2.8	2.6	3.5
74.5°	3140.4	2766.2	1325.6	125.0	2.5	2.5	3.6
75°	3128.2	2762.9	1300.4	118.4	2.4	2.4	3.7
75.5°	3112.8	2759.4	1276.3	110.9	2.3	2.4	3.7
76°	3096.3	2754.1	1253.0	103.1	2.2	2.4	3.8
76.5°	3078.8	2749.0	1227.7	95.3	2.2	2.4	3.9
77°	3059.8	2743.6	1203.9	87.9	2.1	2.4	4.0
77.5°	3040.7	2738.7	1181.0	80.7	2.1	2.4	4.0
78°	3020.9	2734.5	1157.2	73.9	2.1	2.4	4.1
78.5°	3002.5	2730.2	1135.3	67.4	2.1	2.5	4.2
79°	2984.8	2726.3	1114.1	61.0	2.1	2.5	4.3
79.5°	2969.5	2720.5	1093.0	55.2	2.1	2.6	4.4
80°	2956.0	2716.5	1072.5	49.4	2.1	2.7	4.5
80.5°	2944.6	2713.4	1053.2	44.1	2.1	2.8	4.6
81°	2937.6	2714.5	1034.7	39.3	2.1	2.8	4.7
81.5°	2935.3	2727.2	1018.0	35.0	2.1	2.9	4.8
82°	2938.2	2748.5	1002.6	31.4	2.2	3.0	4.9
82.5°	2946.5	2779.1	988.4	28.2	2.2	3.1	5.0
83°	2965.1	2823.2	978.2	25.3	2.2	3.2	5.1
83.5°	2994.7	2884.4	967.4	22.6	2.2	3.3	5.2
84°	3040.2	2957.1	958.7	20.1	2.3	3.4	5.3
84.5°	3102.6	3029.8	953.3	17.9	2.3	3.4	5.4
85°	3181.0	3118.6	952.2	15.8	2.4	3.5	5.5
85.5°	3285.6	3194.1	953.4	14.0	2.4	3.6	5.6
86°	3405.2	3229.5	962.0	12.2	2.4	3.7	5.7
86.5°	3502.1	3211.7	982.1	10.6	2.5	3.8	5.8
87°	3549.7	3124.8	1010.5	9.1	2.6	3.9	5.9
87.5°	3522.4	2966.8	1048.4	7.8	2.6	4.0	6.0
88°	3385.5	2742.2	1084.5	6.5	2.7	4.1	6.1
88.5°	3173.7	2486.6	1118.0	5.3	2.7	4.2	6.2
89°	2878.7	2227.3	1139.0	4.3	2.8	4.3	6.3
89.5°	2582.7	1998.8	1148.6	3.5	2.8	4.4	6.4

REPORT NUMBER: P1197056

CATALOG NUMBER: AWP75S-BZ-LOW-4000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
90°	2292.8	1804.4	1138.5	2.8	2.9	4.5	6.5
90.5°	2030.9	1649.7	1109.1	2.4	3.0	4.6	6.6
91°	1832.7	1588.3	1058.6	2.4	3.1	4.7	6.7
91.5°	1703.8	1625.1	976.1	2.3	3.1	4.8	6.8
92°	1701.4	1734.4	861.8	2.3	3.2	4.9	6.9
92.5°	1795.7	1808.7	758.2	2.2	3.3	5.0	6.9
93°	1878.0	1767.2	654.6	2.2	3.4	5.1	7.0
93.5°	1778.5	1549.6	550.9	2.1	3.5	5.2	7.1
94°	1457.3	1191.5	447.3	2.1	3.5	5.3	7.2
94.5°	1135.6	809.7	343.6	2.1	3.6	5.4	7.3
95°	814.7	473.2	242.8	2.0	3.7	5.4	7.3
95.5°	496.0	267.0	189.7	2.0	3.8	5.5	7.4
96°	193.7	229.3	153.2	2.0	3.8	5.6	7.5
96.5°	167.9	193.3	132.1	2.0	3.9	5.7	7.5
97°	162.1	157.5	123.7	1.9	4.0	5.8	7.6
97.5°	161.4	121.8	120.4	1.9	4.0	5.9	7.7
98°	163.7	120.1	113.9	1.9	4.1	6.0	7.8
98.5°	163.1	116.8	101.1	1.9	4.2	6.1	7.8
99°	159.8	111.0	90.6	1.9	4.2	6.1	7.9
99.5°	150.4	101.7	84.0	1.9	4.3	6.2	7.9
100°	137.8	92.6	79.4	1.9	4.4	6.2	8.0
100.5°	126.9	85.5	73.3	1.9	4.4	6.3	8.0
101°	121.6	78.6	58.4	1.9	4.5	6.4	8.1
101.5°	115.5	71.8	46.9	1.9	4.5	6.5	8.1
102°	106.7	65.8	38.0	1.9	4.6	6.5	8.2
102.5°	101.3	61.6	28.4	1.9	4.7	6.6	8.2
103°	99.9	58.9	24.4	1.9	4.7	6.7	8.3
103.5°	99.6	57.3	21.0	2.0	4.8	6.8	8.4
104°	98.2	56.6	18.1	2.0	4.8	6.9	8.4
104.5°	95.6	55.9	15.2	2.0	4.9	6.9	8.5
105°	92.3	55.0	12.3	2.0	4.9	7.0	8.5
105.5°	88.5	53.5	9.9	2.1	5.0	7.1	8.6
106°	84.4	51.7	8.1	2.1	5.0	7.1	8.6
106.5°	80.0	49.1	7.1	2.1	5.1	7.2	8.6
107°	75.2	45.9	6.3	2.1	5.1	7.2	8.6
107.5°	68.9	41.7	5.7	2.2	5.2	7.3	8.7
108°	60.3	36.2	5.0	2.2	5.2	7.3	8.7
108.5°	48.8	29.5	4.4	2.2	5.3	7.4	8.7
109°	38.8	23.4	3.8	2.3	5.3	7.4	8.7
109.5°	30.6	16.7	3.4	2.3	5.3	7.4	8.7
110°	25.0	10.9	3.0	2.3	5.4	7.5	8.8
110.5°	21.9	7.0	2.7	2.4	5.4	7.5	8.8
111°	19.5	5.3	2.3	2.4	5.5	7.6	8.8
111.5°	16.4	4.1	2.1	2.4	5.5	7.6	8.8
112°	13.7	3.0	1.8	2.5	5.6	7.7	8.8

REPORT NUMBER: P1197056

CATALOG NUMBER: AWP75S-BZ-LOW-4000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
112.5°	11.3	2.1	1.6	2.5	5.6	7.7	8.8
113°	7.9	1.6	1.5	2.5	5.6	7.8	8.9
113.5°	4.2	1.2	1.4	2.6	5.7	7.8	8.9
114°	2.6	1.0	1.3	2.6	5.7	7.8	8.9
114.5°	2.1	0.9	1.2	2.7	5.8	7.9	8.9
115°	1.7	0.8	1.1	2.7	5.8	7.9	9.0
115.5°	1.3	0.7	1.0	2.7	5.8	7.9	9.0
116°	0.9	0.7	1.0	2.8	5.9	8.0	9.0
116.5°	0.8	0.6	1.0	2.8	5.9	8.0	9.0
117°	0.8	0.6	1.0	2.9	6.0	8.1	9.0
117.5°	0.8	0.6	1.0	2.9	6.0	8.1	9.0
118°	0.8	0.6	1.0	3.0	6.0	8.1	9.0
118.5°	0.7	0.6	1.0	3.0	6.1	8.2	9.1
119°	0.7	0.5	1.0	3.0	6.1	8.2	9.1
119.5°	0.7	0.5	1.0	3.1	6.2	8.2	9.1
120°	0.7	0.5	1.0	3.1	6.2	8.3	9.1
120.5°	0.7	0.5	1.0	3.2	6.2	8.3	9.1
121°	0.6	0.5	1.0	3.2	6.2	8.3	9.1
121.5°	0.6	0.5	1.0	3.3	6.3	8.3	9.2
122°	0.5	0.5	1.1	3.3	6.3	8.4	9.2
122.5°	0.5	0.4	1.1	3.3	6.4	8.4	9.2
123°	0.5	0.4	1.1	3.4	6.4	8.4	9.2
123.5°	0.4	0.4	1.2	3.4	6.4	8.4	9.2
124°	0.4	0.4	1.2	3.5	6.4	8.5	9.2
124.5°	0.4	0.4	1.3	3.5	6.5	8.5	9.2
125°	0.4	0.4	1.3	3.6	6.5	8.5	9.2
125.5°	0.4	0.4	1.4	3.6	6.5	8.5	9.2
126°	0.4	0.4	1.4	3.6	6.5	8.5	9.2
126.5°	0.4	0.4	1.4	3.7	6.6	8.5	9.2
127°	0.4	0.4	1.5	3.7	6.6	8.5	9.2
127.5°	0.4	0.4	1.5	3.8	6.6	8.5	9.2
128°	0.4	0.4	1.6	3.8	6.6	8.5	9.2
128.5°	0.4	0.4	1.6	3.9	6.6	8.6	9.2
129°	0.4	0.4	1.7	3.9	6.7	8.6	9.2
129.5°	0.4	0.4	1.7	3.9	6.7	8.6	9.2
130°	0.4	0.5	1.7	4.0	6.7	8.6	9.2
130.5°	0.4	0.5	1.8	4.0	6.7	8.6	9.2
131°	0.4	0.5	1.8	4.1	6.8	8.6	9.2
131.5°	0.4	0.5	1.9	4.1	6.8	8.6	9.2
132°	0.4	0.6	1.9	4.2	6.8	8.6	9.2
132.5°	0.5	0.6	2.0	4.2	6.8	8.6	9.2
133°	0.5	0.6	2.0	4.3	6.8	8.6	9.2
133.5°	0.5	0.6	2.1	4.3	6.9	8.6	9.2
134°	0.5	0.7	2.1	4.3	6.9	8.6	9.2
134.5°	0.5	0.7	2.2	4.4	6.9	8.6	9.2

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CATALOG NUMBER: AWP75S-BZ-LOW-4000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
135°	0.6	0.7	2.2	4.4	6.9	8.6	9.2
135.5°	0.6	0.8	2.3	4.4	7.0	8.6	9.2
136°	0.6	0.8	2.3	4.5	7.0	8.6	9.2
136.5°	0.6	0.8	2.4	4.5	7.0	8.6	9.2
137°	0.6	0.9	2.4	4.6	7.0	8.6	9.2
137.5°	0.7	0.9	2.5	4.6	7.0	8.6	9.2
138°	0.7	0.9	2.5	4.7	7.1	8.6	9.2
138.5°	0.7	1.0	2.6	4.7	7.1	8.6	9.2
139°	0.7	1.0	2.6	4.7	7.1	8.6	9.2
139.5°	0.8	1.1	2.7	4.8	7.1	8.6	9.2
140°	0.8	1.1	2.7	4.8	7.1	8.6	9.2
140.5°	0.8	1.2	2.8	4.9	7.2	8.6	9.1
141°	0.8	1.2	2.8	4.9	7.2	8.6	9.1
141.5°	0.8	1.2	2.9	5.0	7.2	8.6	9.1
142°	0.9	1.3	2.9	5.0	7.2	8.6	9.1
142.5°	0.9	1.3	3.0	5.0	7.2	8.6	9.0
143°	0.9	1.4	3.0	5.1	7.3	8.6	9.0
143.5°	0.9	1.4	3.1	5.1	7.3	8.6	9.0
144°	1.0	1.5	3.1	5.1	7.3	8.6	8.9
144.5°	1.0	1.5	3.2	5.2	7.3	8.6	8.9
145°	1.0	1.6	3.2	5.2	7.3	8.6	8.9
145.5°	1.0	1.6	3.3	5.2	7.3	8.6	8.8
146°	1.1	1.7	3.3	5.3	7.3	8.6	8.8
146.5°	1.1	1.7	3.4	5.3	7.3	8.6	8.8
147°	1.1	1.8	3.4	5.3	7.4	8.6	8.7
147.5°	1.2	1.8	3.5	5.4	7.4	8.6	8.7
148°	1.2	1.9	3.5	5.4	7.4	8.6	8.7
148.5°	1.3	1.9	3.6	5.5	7.4	8.6	8.6
149°	1.3	2.0	3.6	5.5	7.4	8.5	8.6
149.5°	1.4	2.0	3.7	5.5	7.4	8.5	8.6
150°	1.4	2.1	3.7	5.6	7.4	8.5	8.6
150.5°	1.4	2.2	3.8	5.6	7.5	8.5	8.5
151°	1.5	2.2	3.9	5.6	7.5	8.5	8.5
151.5°	1.5	2.3	3.9	5.7	7.5	8.5	8.5
152°	1.6	2.3	4.0	5.7	7.5	8.5	8.4
152.5°	1.7	2.4	4.0	5.7	7.5	8.5	8.4
153°	1.7	2.4	4.1	5.8	7.5	8.5	8.4
153.5°	1.8	2.5	4.1	5.8	7.6	8.5	8.3
154°	1.8	2.6	4.2	5.9	7.6	8.5	8.3
154.5°	1.9	2.7	4.2	5.9	7.6	8.5	8.3
155°	2.0	2.7	4.3	5.9	7.6	8.5	8.2
155.5°	2.0	2.8	4.3	5.9	7.6	8.5	8.2
156°	2.1	2.8	4.4	6.0	7.6	8.5	8.1
156.5°	2.1	2.9	4.4	6.0	7.6	8.5	8.1
157°	2.2	3.0	4.5	6.0	7.6	8.5	8.1

REPORT NUMBER: P1197056

CATALOG NUMBER: AWP75S-BZ-LOW-4000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
157.5°	2.3	3.1	4.5	6.1	7.6	8.4	8.0
158°	2.3	3.1	4.6	6.1	7.6	8.4	8.0
158.5°	2.4	3.2	4.6	6.1	7.6	8.4	8.0
159°	2.4	3.3	4.7	6.2	7.6	8.4	7.9
159.5°	2.4	3.3	4.7	6.2	7.6	8.4	7.9
160°	2.5	3.4	4.8	6.2	7.6	8.3	7.8
160.5°	2.6	3.5	4.8	6.3	7.6	8.3	7.8
161°	2.6	3.5	4.9	6.3	7.6	8.3	7.8
161.5°	2.7	3.6	4.9	6.3	7.6	8.2	7.7
162°	2.7	3.6	5.0	6.3	7.6	8.2	7.6
162.5°	2.8	3.7	5.0	6.4	7.6	8.2	7.6
163°	2.8	3.8	5.1	6.4	7.6	8.2	7.5
163.5°	2.9	3.8	5.1	6.4	7.6	8.1	7.5
164°	3.0	3.9	5.2	6.4	7.6	8.1	7.4
164.5°	3.0	3.9	5.2	6.5	7.6	8.1	7.3
165°	3.1	4.0	5.3	6.5	7.6	8.1	7.3
165.5°	3.1	4.0	5.3	6.5	7.6	8.0	7.2
166°	3.2	4.1	5.4	6.5	7.6	8.0	7.2
166.5°	3.2	4.1	5.4	6.6	7.6	8.0	7.2
167°	3.3	4.2	5.5	6.6	7.6	7.9	7.1
167.5°	3.4	4.3	5.5	6.6	7.6	7.9	7.0
168°	3.4	4.3	5.6	6.7	7.6	7.9	7.0
168.5°	3.5	4.4	5.6	6.7	7.6	7.9	6.9
169°	3.5	4.5	5.7	6.7	7.6	7.8	6.9
169.5°	3.6	4.5	5.7	6.7	7.5	7.8	6.8
170°	3.7	4.6	5.8	6.8	7.5	7.8	6.7
170.5°	3.7	4.6	5.8	6.8	7.5	7.7	6.7
171°	3.8	4.7	5.8	6.8	7.5	7.7	6.6
171.5°	3.9	4.7	5.9	6.8	7.4	7.6	6.5
172°	3.9	4.8	5.9	6.8	7.4	7.6	6.5
172.5°	4.0	4.8	6.0	6.9	7.4	7.5	6.3
173°	4.1	4.9	6.0	6.9	7.4	7.5	6.3
173.5°	4.1	5.0	6.1	6.9	7.3	7.4	6.2
174°	4.2	5.1	6.1	6.9	7.3	7.4	6.1
174.5°	4.3	5.1	6.2	6.9	7.3	7.3	6.0
175°	4.3	5.2	6.2	6.9	7.3	7.3	5.9
175.5°	4.4	5.2	6.2	6.9	7.3	7.2	5.9
176°	4.5	5.3	6.3	6.9	7.2	7.2	5.8
176.5°	4.6	5.4	6.3	6.9	7.2	7.2	5.7
177°	4.6	5.4	6.4	7.0	7.2	7.1	5.6
177.5°	4.7	5.5	6.4	7.0	7.2	7.1	5.5
178°	4.8	5.6	6.5	7.0	7.2	7.0	5.5
178.5°	4.9	5.7	6.5	7.0	7.1	7.0	5.4
179°	5.0	5.7	6.6	7.0	7.1	6.9	5.3
179.5°	5.1	5.8	6.6	7.0	7.1	6.9	5.2



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CATALOG NUMBER: AWP75S-BZ-LOW-4000K-POSITION 30

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°
180°	5.1	5.1	5.1	5.1	5.1	5.1	5.1

(END OF REPORT)