

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: METALUX

Report Number: P601026

Luminaire Tested: FM159S1EWHR_2700K

Issue Date: 3/13/2023

Test Information

Test Method: LM-79-2019
Report Number: P601026
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2117574B001)
Test Lab: INNOVATION CENTER
Issue Date: 3/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: FM159S1EWHR_2700K
Description: FM159S1EWHR at 2700K
Light Source: -
Ballast/Driver: -

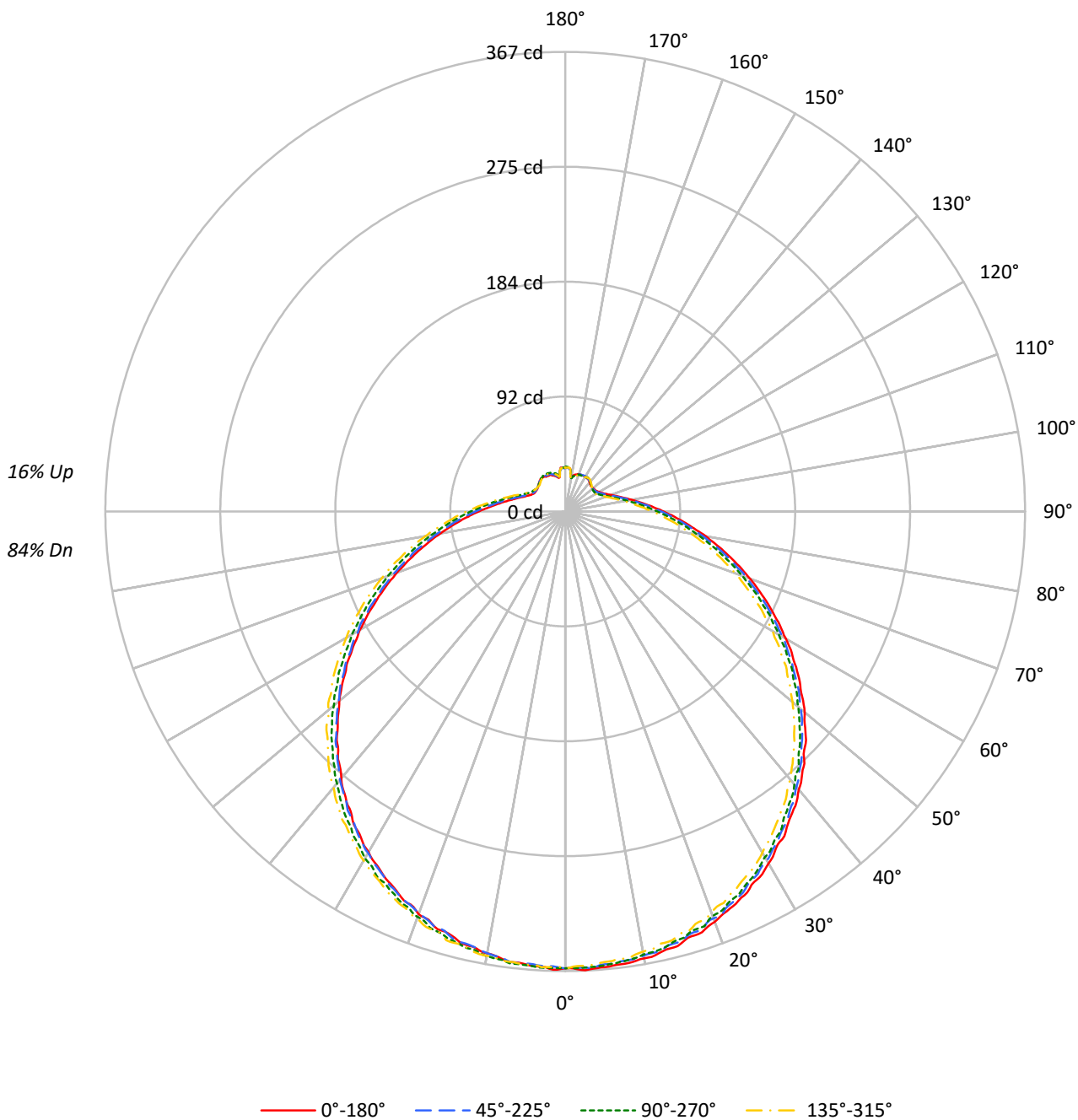
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1523.4 lumens
Efficiency: N/A
Efficacy: 87.6 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.3 / 1.43
Luminous Opening: Vertical Cylinder (Dia: 1.25' x H: 0.33')
CIE Type: Semi-Direct

Input Watts (W): 17.4
Input Voltage (V): NR
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: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	115	115	115	115	111	111	111	111	102	102	102	95	95	95	87	87	87	84
1	103	97	92	87	98	93	88	84	86	82	79	79	76	73	73	71	68	65
2	92	83	76	69	88	80	73	67	74	68	63	68	63	59	63	59	56	52
3	84	72	64	56	80	70	61	55	64	57	52	59	54	49	55	50	46	43
4	76	64	54	47	73	61	53	46	57	49	44	52	46	41	48	43	39	36
5	70	57	47	40	67	54	46	39	51	43	37	47	41	36	43	38	34	31
6	64	51	41	35	61	49	40	34	45	38	32	42	36	31	39	34	29	27
7	60	46	37	30	57	44	36	30	41	34	29	38	32	27	36	30	26	24
8	55	42	33	27	53	40	32	26	38	30	25	35	29	24	33	27	23	21
9	52	38	30	24	49	37	29	24	35	28	23	32	26	22	30	25	21	19
10	48	35	27	22	46	34	26	21	32	25	20	30	24	20	28	23	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3200	3200	3200	3200
5°	3124	3113	3104	3110
10°	3047	3022	3012	3031
15°	2976	2945	2921	2950
20°	2901	2859	2846	2865
25°	2830	2790	2749	2782
30°	2753	2704	2664	2712
35°	2672	2626	2573	2620
40°	2591	2541	2483	2530
45°	2504	2458	2394	2443
50°	2431	2366	2293	2347
55°	2343	2285	2199	2268
60°	2254	2185	2099	2180
65°	2173	2090	1997	2088
70°	2092	2005	1904	2005
75°	2022	1926	1820	1935
80°	1976	1865	1757	1887
85°	1968	1856	1742	1891

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 337.5°
 Vertical Angle: 45°
 Luminance: 2512 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.6	2.3
10°-20°	99.8	6.6
20°-30°	153.4	10.1
30°-40°	189.3	12.4
40°-50°	203.4	13.4
50°-60°	196.2	12.9
60°-70°	171.4	11.2
70°-80°	135.6	8.9
80°-90°	98.2	6.4
90°-100°	67.3	4.4
100°-110°	45.8	3.0
110°-120°	32.7	2.1
120°-130°	26.1	1.7
130°-140°	23.0	1.5
140°-150°	20.2	1.3
150°-160°	14.9	1.0
160°-170°	8.5	0.6
170°-180°	3.1	0.2
0°-30°	287.8	18.9
0°-40°	477.1	31.3
0°-60°	876.7	57.6
0°-90°	1281.9	84.1
90°-120°	145.9	9.6
90°-150°	215.1	14.1
90°-180°	242.0	15.9
0°-180°	1523.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	365	365	365	365	365	
5°	365	364	363	364	365	35
15°	357	354	351	354	357	101
25°	338	334	329	332	338	156
35°	308	303	297	302	308	193
45°	270	265	258	263	270	209
55°	227	221	213	220	227	203
65°	180	173	166	173	180	178
75°	134	128	121	129	134	142
85°	95	89	84	91	95	81
90°	78	74	69	76	78	43
95°	65	60	57	62	65	51
105°	45	42	40	44	45	48
115°	34	31	31	34	34	34
125°	29	28	28	30	29	27
135°	29	29	30	30	29	23
145°	32	32	32	33	32	20
155°	32	31	32	34	32	15
165°	30	30	29	32	30	9
175°	35	35	35	35	35	3
180°	35	35	35	35	35	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	364.8	364.8	364.8	364.8	364.8	364.8	364.8	364.8	364.8	364.8	364.8
0.5°	364.8	364.8	364.8	364.6	364.8	364.5	364.5	364.8	365.3	365.2	364.5
1°	365.0	364.7	364.7	364.6	364.8	364.0	363.5	364.8	366.0	365.2	364.0
1.5°	365.7	364.8	364.7	364.6	364.8	363.6	363.1	364.8	366.0	365.0	363.4
2°	366.4	365.0	364.5	364.6	364.8	363.6	363.1	364.8	365.3	364.7	363.3
2.5°	366.7	365.0	364.5	364.6	364.6	363.6	363.1	364.6	364.2	364.6	363.3
3°	366.3	365.1	365.1	364.3	364.4	363.6	363.0	364.0	364.1	364.1	363.3
3.5°	365.8	365.1	365.8	364.2	364.4	363.4	362.7	363.4	364.0	363.2	363.2
4°	365.5	364.8	364.1	364.2	364.3	362.7	362.1	363.3	364.0	363.2	362.6
4.5°	365.3	364.8	363.2	364.0	364.0	362.5	361.5	363.4	363.5	363.2	362.3
5°	365.3	364.8	363.0	363.7	363.9	362.0	361.2	363.2	362.9	363.2	362.4
5.5°	365.1	364.8	363.0	363.1	363.2	361.8	361.1	362.6	362.4	362.9	362.6
6°	364.6	364.8	363.0	362.7	363.1	361.8	360.9	362.4	362.1	362.1	362.6
6.5°	364.4	364.0	363.0	362.7	363.0	361.8	360.1	362.3	362.3	361.3	362.6
7°	364.3	363.4	362.0	362.8	362.3	361.7	360.0	361.6	362.4	360.6	362.2
7.5°	364.3	363.2	361.8	362.6	362.2	360.9	360.1	360.8	361.8	360.4	361.2
8°	364.2	363.2	361.8	362.1	361.6	360.4	360.0	360.3	360.8	360.3	360.1
8.5°	363.8	363.3	361.8	361.7	361.3	360.5	359.4	360.0	359.8	360.2	359.5
9°	363.2	363.2	361.8	361.5	360.9	360.5	358.3	359.3	359.0	359.0	359.3
9.5°	362.5	362.2	361.0	360.9	360.2	360.3	357.5	358.5	358.5	358.0	358.7
10°	362.4	361.4	360.1	359.8	359.4	359.5	357.0	358.5	358.2	358.1	358.2
10.5°	362.4	361.4	359.7	358.8	358.9	358.2	356.6	358.6	358.3	358.7	357.5
11°	362.4	361.5	359.5	358.5	358.7	357.3	356.5	358.3	357.4	358.2	356.9
11.5°	361.6	361.4	359.5	358.2	358.6	356.2	356.1	356.9	356.1	357.3	355.7
12°	360.5	359.8	359.4	357.8	358.1	355.6	354.7	355.3	355.2	355.6	355.0
12.5°	359.6	358.4	358.6	357.2	357.7	355.1	353.4	354.2	355.2	354.4	354.4
13°	358.9	358.0	356.8	356.0	356.8	354.7	353.4	354.2	355.0	353.6	354.1
13.5°	358.8	357.9	356.1	355.6	355.7	354.6	353.3	354.2	354.7	353.5	354.1
14°	358.8	358.0	355.8	355.2	354.5	354.0	352.8	354.1	353.3	353.5	354.0
14.5°	358.5	357.7	355.8	354.4	353.8	352.7	351.6	352.9	351.8	352.7	353.2
15°	357.3	356.7	355.6	353.6	353.5	351.6	349.9	350.9	350.6	351.4	352.0
15.5°	355.7	355.8	354.6	353.2	353.3	351.0	349.2	349.6	349.6	349.8	350.3
16°	354.3	354.6	352.8	352.8	352.0	350.9	349.2	349.6	348.9	348.5	348.6
16.5°	353.9	353.5	351.8	352.2	350.5	350.1	348.9	349.7	348.9	348.0	347.9
17°	353.9	352.6	351.4	351.4	349.6	349.1	347.4	348.9	348.8	347.2	347.8
17.5°	353.9	352.0	351.4	349.6	349.5	348.0	345.5	347.0	347.5	346.1	347.4
18°	353.4	351.9	351.4	348.1	349.4	346.5	344.8	344.8	345.5	345.1	346.0
18.5°	351.7	351.6	349.9	347.7	349.3	345.3	344.6	343.8	343.8	343.9	344.4
19°	350.4	350.3	347.4	347.5	347.3	344.6	344.2	343.7	343.3	343.1	343.4
19.5°	349.5	348.4	346.1	346.9	345.2	344.0	342.7	343.3	343.1	342.2	342.4
20°	348.8	347.0	345.9	345.0	343.8	343.4	340.8	342.3	342.2	341.0	341.5
20.5°	347.7	346.3	345.8	343.0	343.2	342.3	339.3	340.6	340.2	339.8	340.2
21°	346.2	345.8	345.5	342.4	343.1	341.3	338.1	338.8	338.3	338.6	338.8
21.5°	345.0	345.2	344.1	342.1	342.3	340.0	337.4	337.8	337.2	337.5	337.6
22°	344.4	344.3	341.8	341.6	340.7	338.4	337.2	337.1	337.0	336.9	337.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	343.4	342.7	340.7	340.2	338.9	337.3	335.6	335.9	336.3	335.6	336.1
23°	342.5	340.8	339.8	338.3	337.6	336.5	333.6	334.5	334.9	333.7	335.0
23.5°	341.6	339.7	338.9	336.5	337.0	335.0	332.5	332.9	333.1	332.4	333.5
24°	340.2	338.8	337.8	335.3	336.3	333.2	331.8	331.4	331.4	331.1	332.1
24.5°	339.0	337.8	336.8	334.4	335.2	331.8	330.4	330.5	330.0	329.8	330.8
25°	338.2	336.9	335.8	333.4	333.5	330.8	328.8	329.5	328.6	328.5	330.2
25.5°	337.2	336.0	334.0	332.2	332.0	330.1	327.2	328.4	327.6	327.3	328.7
26°	335.3	334.0	331.9	330.8	330.6	328.7	326.0	327.3	326.4	326.5	326.9
26.5°	333.2	332.0	330.5	329.3	329.6	327.4	324.8	325.7	324.9	324.9	325.2
27°	332.0	331.0	329.6	328.3	328.5	326.0	323.8	324.3	323.2	323.2	323.7
27.5°	331.4	330.2	328.7	327.3	327.1	324.3	322.7	322.7	321.5	321.5	322.3
28°	330.6	329.0	327.6	325.5	325.6	322.5	321.3	320.9	320.1	320.3	321.0
28.5°	329.5	327.2	325.6	323.7	323.9	321.2	319.8	319.0	318.9	318.9	319.6
29°	327.8	325.6	323.9	321.9	322.2	320.1	318.2	317.4	317.6	317.2	318.3
29.5°	326.1	324.5	322.9	321.0	320.3	318.8	316.7	316.2	316.0	315.3	316.3
30°	324.6	323.9	321.9	320.4	318.8	317.4	314.6	315.0	314.1	314.0	314.8
30.5°	323.3	323.0	320.5	319.1	318.1	315.4	312.7	313.4	312.7	312.9	313.8
31°	321.8	320.9	318.7	317.4	316.9	313.6	311.1	311.2	311.5	311.2	312.0
31.5°	319.7	318.6	316.7	315.4	315.1	312.3	309.9	309.6	309.5	309.1	309.9
32°	317.3	317.2	315.4	313.4	313.0	310.8	308.3	308.3	307.3	307.0	308.5
32.5°	315.5	316.0	314.4	311.6	311.0	309.1	306.5	306.4	305.5	305.1	306.9
33°	314.6	314.2	312.4	309.9	309.8	307.1	304.6	304.4	304.2	303.9	305.0
33.5°	313.9	312.2	310.1	308.3	308.9	305.0	303.0	302.6	303.1	302.9	303.0
34°	312.8	310.3	308.5	307.0	307.6	303.2	301.0	301.5	301.6	301.0	301.0
34.5°	310.6	308.8	307.0	305.8	305.6	302.1	299.3	300.5	299.5	298.6	299.3
35°	308.3	307.3	305.8	303.9	303.0	301.0	297.7	298.9	296.8	296.1	297.9
35.5°	306.3	305.8	304.4	301.7	300.6	299.2	295.8	296.1	294.6	294.4	296.6
36°	304.4	304.5	302.6	299.5	299.0	297.2	293.8	293.8	293.0	294.0	295.2
36.5°	302.8	302.6	300.3	298.1	297.5	294.9	292.7	291.9	291.9	293.2	292.8
37°	301.2	300.4	298.1	296.9	295.5	292.7	291.1	290.8	290.1	291.2	290.2
37.5°	299.6	298.7	296.4	294.7	293.8	291.0	289.4	289.0	287.9	288.6	288.3
38°	298.3	296.6	295.3	292.2	292.3	290.5	287.2	286.5	286.0	286.0	286.8
38.5°	296.6	294.7	293.9	290.3	290.9	288.9	284.7	284.3	284.4	283.9	285.1
39°	294.6	292.8	291.4	288.9	288.9	286.2	282.6	282.7	282.7	282.3	283.2
39.5°	292.2	291.5	289.0	287.8	286.8	283.6	281.0	281.1	280.6	280.5	281.5
40°	290.1	290.1	287.0	286.3	284.5	281.5	279.2	279.0	278.0	278.0	279.6
40.5°	288.5	287.9	285.5	283.7	282.5	279.7	277.1	276.5	275.5	275.5	277.6
41°	286.9	285.3	283.7	280.9	280.2	277.7	275.0	274.3	273.2	273.5	275.3
41.5°	284.7	283.0	281.4	278.9	278.6	275.9	273.0	272.7	271.4	271.8	272.8
42°	282.4	281.1	279.2	277.6	277.8	274.2	271.2	270.9	269.9	270.3	270.9
42.5°	280.3	279.6	277.4	276.2	275.8	272.3	269.0	268.8	268.4	268.5	269.0
43°	279.0	277.8	275.6	274.4	273.2	269.9	266.8	266.7	265.9	266.4	266.7
43.5°	277.4	275.9	273.9	271.5	270.5	267.5	264.7	264.4	263.2	263.9	264.4
44°	274.6	273.5	271.8	268.3	268.2	265.4	262.8	262.1	261.0	261.1	262.5
44.5°	271.6	271.2	269.2	266.4	266.5	263.7	260.8	260.2	259.6	258.6	261.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	269.7	268.9	266.6	264.9	264.8	261.6	258.7	257.9	257.9	256.6	259.2
45.5°	268.2	266.6	264.6	263.0	262.8	259.6	256.1	255.6	255.5	255.5	256.4
46°	266.7	264.9	262.7	260.4	260.6	257.5	254.0	253.5	252.7	253.7	253.8
46.5°	265.0	263.0	260.7	257.9	258.5	255.3	252.1	251.3	250.4	250.9	251.9
47°	262.5	260.9	258.7	256.2	256.0	252.9	250.0	249.1	248.3	247.9	249.9
47.5°	260.0	258.1	256.4	254.8	253.7	250.4	247.6	247.2	246.3	245.7	247.3
48°	257.6	255.7	254.2	252.7	251.6	248.5	245.6	244.8	244.1	244.5	245.2
48.5°	255.2	253.6	252.3	250.2	249.5	246.5	243.4	242.6	241.6	242.8	243.1
49°	253.0	252.2	250.1	247.5	247.3	244.2	241.2	240.3	239.2	240.4	240.9
49.5°	251.2	250.6	247.7	245.1	245.2	242.1	239.0	237.7	237.1	237.5	238.5
50°	249.5	248.5	245.4	243.1	242.8	240.2	236.8	235.4	235.4	234.8	236.2
50.5°	247.4	245.7	243.2	241.2	240.3	237.9	234.3	233.8	233.2	232.7	233.8
51°	244.8	242.5	240.8	239.4	238.5	235.5	231.9	232.1	230.6	230.9	231.7
51.5°	242.6	240.3	239.0	237.3	236.6	233.0	230.0	229.8	228.2	228.8	229.8
52°	239.9	238.6	237.0	234.1	234.5	230.8	228.0	227.3	226.2	226.5	227.9
52.5°	237.3	237.1	234.9	231.5	232.2	228.4	225.7	224.8	223.9	224.0	225.9
53°	235.2	234.9	232.6	229.2	229.6	226.1	223.1	222.6	221.5	221.2	223.3
53.5°	233.3	231.9	230.4	227.3	226.8	224.5	220.6	220.5	218.6	218.9	220.5
54°	231.4	229.5	227.7	225.5	224.8	222.4	218.8	218.2	216.3	217.1	218.0
54.5°	229.2	227.2	225.2	223.4	223.0	219.7	217.2	216.0	214.6	215.2	216.1
55°	226.8	225.3	222.7	221.2	221.2	217.2	215.0	213.9	212.8	212.7	214.4
55.5°	224.5	222.8	220.5	218.6	218.9	215.0	212.1	211.3	210.3	210.1	212.0
56°	222.4	220.2	218.6	216.1	216.2	212.8	209.2	208.5	207.6	207.7	209.3
56.5°	219.7	218.0	216.5	213.9	213.6	210.5	206.8	205.9	205.0	205.3	206.6
57°	217.1	215.9	214.1	211.8	211.1	208.0	205.1	203.8	202.9	203.0	204.0
57.5°	215.2	213.7	211.5	209.4	209.0	205.4	203.0	201.8	200.7	200.7	202.1
58°	213.3	211.2	209.1	207.0	206.9	203.0	200.4	199.4	198.2	198.3	200.4
58.5°	211.1	208.5	207.0	204.6	204.5	200.9	197.6	196.9	195.5	196.0	198.2
59°	208.4	206.2	205.1	201.9	201.8	198.5	195.1	194.4	193.1	193.7	195.3
59.5°	205.9	204.0	203.2	199.4	199.1	196.1	193.0	192.2	191.5	191.8	192.7
60°	203.3	201.9	200.5	197.4	197.1	193.8	191.3	189.9	189.3	189.6	190.6
60.5°	200.6	199.6	197.7	195.4	194.9	191.6	188.9	187.2	186.6	187.3	189.1
61°	198.5	197.0	195.2	193.0	192.3	189.2	186.1	184.7	184.1	184.5	187.3
61.5°	196.3	194.6	193.0	190.8	189.6	186.7	183.3	182.6	181.8	181.8	184.6
62°	194.2	192.8	190.8	188.5	187.2	184.3	180.9	180.6	179.7	179.6	181.7
62.5°	191.8	190.7	188.4	186.3	185.5	182.0	178.9	178.4	177.4	177.8	178.9
63°	189.3	188.5	185.9	183.5	183.6	179.7	177.1	175.8	175.0	176.0	176.9
63.5°	186.8	185.7	183.5	181.0	180.9	177.5	174.9	173.4	172.4	173.5	175.3
64°	184.5	183.0	181.3	179.0	178.2	175.1	172.3	170.9	169.9	170.7	173.0
64.5°	182.3	180.6	179.2	176.9	175.5	172.6	169.5	168.6	167.6	168.0	170.3
65°	180.2	178.4	176.9	174.7	173.3	170.2	167.1	166.1	165.6	165.8	167.8
65.5°	177.8	176.3	174.7	172.0	171.4	167.9	164.8	163.7	163.6	163.9	165.5
66°	175.6	174.1	172.1	169.6	169.3	165.7	162.6	161.5	160.9	161.7	163.4
66.5°	173.1	171.6	169.6	167.3	166.8	163.4	160.4	159.2	158.4	159.2	161.0
67°	170.7	169.3	167.3	165.1	164.3	160.8	158.1	157.1	156.3	156.9	159.1



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	168.2	167.1	165.0	162.6	161.7	158.6	155.7	154.6	154.2	154.7	156.9
68°	165.9	164.9	162.6	160.1	159.3	156.8	153.3	152.4	152.0	152.6	154.3
68.5°	163.9	162.8	160.2	158.1	157.2	154.6	151.1	150.1	149.7	150.4	152.0
69°	161.7	160.3	158.0	156.1	154.8	152.1	149.2	147.9	147.2	148.3	150.1
69.5°	159.5	157.8	155.7	153.8	152.6	149.5	147.2	145.6	145.1	145.9	148.1
70°	156.9	155.2	153.9	151.2	150.4	147.1	144.6	143.2	142.8	143.6	145.9
70.5°	154.6	153.0	152.0	148.8	148.2	145.0	142.1	141.1	140.6	141.4	143.4
71°	152.4	151.0	149.8	146.7	145.9	142.9	139.6	139.0	138.1	139.3	141.1
71.5°	150.2	148.9	147.1	144.7	143.7	140.5	137.3	136.7	135.8	137.3	138.9
72°	147.9	146.6	144.4	142.6	141.3	137.8	135.3	134.5	133.8	135.2	136.7
72.5°	145.9	144.3	142.4	140.4	139.2	135.6	133.2	132.3	131.8	132.8	134.5
73°	143.4	141.8	140.4	138.0	137.1	133.9	131.1	130.1	129.5	130.2	132.3
73.5°	141.3	139.6	138.4	135.8	134.7	132.0	129.1	127.8	127.3	128.1	130.0
74°	138.9	137.5	136.1	133.5	132.3	129.6	126.9	125.5	125.3	126.2	128.2
74.5°	136.7	135.3	133.8	131.2	130.1	127.4	124.7	123.5	123.1	124.3	126.6
75°	134.5	133.3	131.5	129.1	128.1	125.0	122.6	121.5	121.1	122.2	124.5
75.5°	132.4	131.1	129.4	127.2	126.0	122.9	120.4	119.5	119.1	119.9	122.3
76°	130.3	129.1	127.4	125.2	124.1	120.6	118.2	117.4	116.9	117.8	119.8
76.5°	128.3	127.3	125.4	123.3	121.7	118.6	116.2	115.3	114.7	116.0	117.7
77°	126.0	125.0	123.4	121.0	119.6	116.8	114.1	113.2	112.7	114.3	116.0
77.5°	123.8	122.6	121.0	118.6	117.4	114.9	111.9	111.3	110.8	112.3	114.1
78°	121.6	120.5	118.7	116.4	115.5	112.7	109.9	109.2	108.8	110.0	112.0
78.5°	119.6	118.6	116.7	114.5	113.4	110.4	108.1	107.2	107.1	107.8	110.0
79°	117.6	116.8	114.8	112.8	111.4	108.4	106.1	105.0	105.2	105.7	108.0
79.5°	115.8	114.8	112.9	111.1	109.4	106.6	104.0	103.1	103.1	104.0	106.2
80°	113.7	112.4	110.8	109.0	107.3	104.8	102.1	101.3	101.1	102.6	104.2
80.5°	111.9	110.4	108.8	107.0	105.5	103.0	100.4	99.7	99.3	100.6	102.3
81°	109.7	108.5	107.0	105.0	103.7	101.1	98.6	97.9	97.4	98.5	100.4
81.5°	107.7	106.6	105.0	103.1	101.7	99.1	96.5	95.8	95.6	96.6	98.7
82°	105.6	104.7	103.2	101.2	99.7	97.1	94.5	93.8	94.0	94.8	96.7
82.5°	103.7	102.8	101.2	99.4	98.1	95.3	92.9	92.0	92.2	93.1	94.8
83°	101.8	100.8	99.5	97.6	96.3	93.5	91.3	90.4	90.6	91.4	93.1
83.5°	100.1	99.1	97.7	95.8	94.5	91.8	89.9	89.1	88.8	89.9	91.6
84°	98.3	97.4	96.1	94.0	92.6	90.2	88.2	87.5	86.9	88.4	90.1
84.5°	96.5	95.5	94.3	92.3	90.7	88.6	86.3	85.7	85.4	86.6	88.6
85°	94.7	93.6	92.5	90.7	89.3	86.8	84.5	83.9	83.8	84.6	86.7
85.5°	92.8	91.8	90.8	88.9	87.7	85.3	82.9	82.2	82.2	83.2	85.0
86°	91.1	90.4	89.4	87.4	86.0	83.6	81.4	80.5	80.6	81.9	83.2
86.5°	89.5	88.7	87.7	86.0	84.2	82.0	79.9	79.0	78.9	80.5	81.8
87°	87.8	87.1	86.0	84.3	82.4	80.2	78.4	77.5	77.3	78.8	80.5
87.5°	86.3	85.5	84.2	82.8	81.0	78.7	76.9	76.2	76.1	77.1	79.0
88°	84.8	83.9	82.7	81.2	79.4	77.2	75.4	74.7	74.8	75.5	77.4
88.5°	83.1	82.2	81.2	79.6	77.9	75.8	73.9	73.2	73.3	74.1	75.8
89°	81.3	80.7	79.7	78.1	76.5	74.3	72.5	71.7	71.8	72.9	74.3
89.5°	79.8	79.2	78.2	76.6	74.9	72.7	70.9	70.4	70.4	71.5	72.8



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	78.4	77.8	76.7	75.1	73.5	71.2	69.6	69.0	68.9	70.0	71.6
90.5°	77.0	76.3	75.2	73.7	72.1	69.9	68.4	67.7	67.7	68.6	70.3
91°	75.6	74.8	73.8	72.5	70.6	68.7	67.0	66.5	66.4	67.4	69.0
91.5°	73.9	73.4	72.5	71.1	69.1	67.4	65.5	65.1	65.1	66.2	67.6
92°	72.5	71.9	71.3	69.8	67.8	66.2	64.2	63.7	63.8	65.0	66.3
92.5°	71.2	70.6	69.8	68.3	66.5	64.7	63.1	62.4	62.5	63.7	65.0
93°	70.0	69.3	68.3	66.9	65.4	63.5	61.9	61.2	61.3	62.4	63.8
93.5°	68.8	68.0	67.0	65.6	64.1	62.2	60.6	60.1	60.1	61.2	62.7
94°	67.4	66.7	65.9	64.5	62.7	61.0	59.6	59.0	59.1	60.0	61.4
94.5°	66.0	65.6	64.7	63.4	61.4	60.0	58.3	57.9	58.1	59.0	60.3
95°	64.7	64.3	63.3	62.2	60.3	58.6	57.3	56.8	56.9	57.8	59.1
95.5°	63.5	62.9	62.0	60.9	59.1	57.4	56.3	55.9	55.8	56.7	57.9
96°	62.4	61.6	60.9	59.6	58.1	56.5	55.4	54.8	54.9	55.9	56.9
96.5°	61.2	60.7	59.9	58.5	56.9	55.8	54.5	53.7	53.9	54.8	56.1
97°	59.9	59.6	58.9	57.5	55.9	54.6	53.1	52.7	52.8	53.8	55.2
97.5°	58.9	58.6	57.8	56.6	54.7	53.4	52.1	51.7	51.9	52.9	54.2
98°	57.9	57.5	56.7	55.4	53.7	52.3	51.2	50.8	51.2	51.9	52.8
98.5°	56.9	56.5	55.7	54.4	52.8	51.4	50.3	49.8	50.2	50.9	51.9
99°	55.9	55.4	54.6	53.6	51.9	50.4	49.4	48.9	49.2	50.0	51.3
99.5°	54.8	54.3	53.7	52.6	50.9	49.6	48.4	48.2	48.3	49.2	50.3
100°	53.8	53.4	52.7	51.6	49.8	48.6	47.5	47.3	47.4	48.3	49.4
100.5°	52.9	52.5	51.8	50.6	48.8	47.7	46.7	46.4	46.7	47.5	48.5
101°	51.9	51.4	50.8	49.7	48.3	46.9	46.0	45.6	46.1	46.6	47.5
101.5°	51.1	50.3	50.0	48.9	47.3	45.9	45.0	44.8	45.1	46.0	46.7
102°	50.2	49.5	49.0	48.0	46.5	45.1	44.2	44.1	44.3	45.2	46.1
102.5°	49.3	48.8	48.1	47.3	45.5	44.3	43.4	43.4	43.4	44.4	45.2
103°	48.1	48.0	47.2	46.5	44.6	43.5	42.8	42.7	43.2	43.5	44.5
103.5°	47.4	47.3	46.4	45.6	44.0	42.9	42.2	41.9	42.1	43.0	43.8
104°	46.7	46.0	45.7	44.8	43.2	42.1	41.6	41.3	41.6	42.2	43.0
104.5°	46.1	45.1	44.9	43.9	42.6	41.2	40.7	40.8	40.9	41.8	42.3
105°	45.3	44.6	44.0	43.4	41.9	40.7	39.9	39.9	40.2	41.0	41.8
105.5°	44.4	44.0	43.5	42.7	41.1	40.1	39.2	39.2	39.6	40.2	41.0
106°	43.7	43.3	42.7	41.9	40.4	39.4	38.8	38.8	39.0	39.7	40.4
106.5°	43.1	42.6	42.0	41.3	39.8	38.8	38.4	38.0	38.6	39.1	39.8
107°	42.4	42.0	41.5	40.6	39.1	38.2	37.6	37.7	37.8	38.9	39.2
107.5°	41.7	41.3	40.8	40.0	38.6	37.7	37.1	37.1	37.4	37.8	38.8
108°	41.0	40.6	40.2	39.5	37.8	36.9	36.5	36.6	36.8	37.5	38.0
108.5°	40.5	39.9	39.6	39.1	37.3	36.4	35.9	35.9	36.3	36.8	37.6
109°	39.9	39.5	38.9	38.5	36.8	35.9	35.2	35.4	35.7	36.3	36.9
109.5°	39.3	38.8	38.4	37.7	36.3	35.6	34.7	34.9	35.2	35.9	36.6
110°	38.7	38.2	37.8	37.1	35.6	34.8	34.4	34.5	34.7	35.5	36.0
110.5°	38.2	37.7	37.3	36.5	35.1	34.6	34.0	34.2	34.7	34.9	35.5
111°	37.6	37.3	36.8	36.1	34.7	33.9	33.4	33.6	33.9	34.7	35.0
111.5°	37.1	36.7	36.3	35.7	34.5	33.4	32.9	33.1	33.5	34.4	34.6
112°	36.5	36.1	35.8	35.2	33.7	33.1	32.6	32.5	33.1	33.5	34.5



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	36.2	35.8	35.3	34.9	33.4	32.5	32.2	32.4	32.7	33.4	33.8
113°	35.8	35.2	35.0	34.4	32.8	32.2	31.8	31.9	32.4	32.8	33.3
113.5°	35.3	34.8	34.5	33.8	32.4	31.7	31.3	31.6	31.9	32.5	33.2
114°	34.9	34.5	34.1	33.5	32.0	31.5	31.2	31.4	31.5	32.3	32.7
114.5°	34.5	34.1	33.7	33.1	31.6	31.3	30.7	30.8	31.5	31.9	32.6
115°	34.1	33.7	33.3	32.8	31.4	30.7	30.4	30.5	31.2	31.9	32.0
115.5°	33.7	33.3	32.9	32.4	31.1	30.3	30.1	30.5	30.6	31.3	31.6
116°	33.5	32.9	32.6	32.0	30.6	30.3	29.8	30.4	30.3	31.1	31.4
116.5°	33.0	32.6	32.3	31.7	30.3	30.1	29.3	29.8	30.3	30.5	31.3
117°	32.6	32.2	32.0	31.4	30.2	29.5	29.3	29.5	30.0	30.4	30.8
117.5°	32.3	32.0	31.6	31.2	29.7	29.3	29.2	29.2	29.8	30.2	30.5
118°	32.1	31.7	31.3	30.9	29.5	29.3	29.1	29.2	29.6	30.1	30.3
118.5°	31.9	31.4	31.0	30.7	29.2	29.0	28.6	28.9	29.3	29.6	30.2
119°	31.6	31.2	30.8	30.5	29.1	28.9	28.4	28.7	29.2	29.6	30.0
119.5°	31.4	31.0	30.6	30.3	28.8	28.3	28.1	28.5	29.0	29.4	29.6
120°	31.1	30.8	30.3	30.2	28.6	28.1	28.1	28.3	28.7	29.4	29.5
120.5°	30.9	30.5	30.1	29.8	28.4	28.1	28.1	28.3	28.7	29.4	29.4
121°	30.7	30.3	29.8	29.7	28.3	28.1	28.1	28.1	28.5	29.2	29.2
121.5°	30.5	30.2	29.7	29.5	28.2	28.1	27.9	28.1	28.5	28.8	29.2
122°	30.3	30.0	29.6	29.4	28.2	28.1	27.9	28.1	28.5	28.7	29.2
122.5°	30.1	29.8	29.5	29.2	28.1	27.9	27.9	28.1	28.5	28.7	29.1
123°	29.9	29.6	29.4	29.2	28.0	27.9	27.8	28.0	28.5	28.8	28.9
123.5°	29.7	29.4	29.2	29.0	28.0	27.9	27.8	28.0	28.5	28.7	28.9
124°	29.6	29.3	29.0	29.0	27.9	27.9	27.8	28.0	28.5	28.7	28.9
124.5°	29.4	29.2	28.9	28.8	27.9	27.9	27.8	28.0	28.4	28.7	28.8
125°	29.4	29.1	28.8	28.7	27.9	27.9	27.8	28.0	28.4	28.7	28.8
125.5°	29.3	29.0	28.8	28.6	27.9	27.9	27.8	28.0	28.5	28.7	28.8
126°	29.3	28.8	28.7	28.6	27.9	27.9	27.9	28.0	28.5	28.8	28.8
126.5°	29.3	28.9	28.7	28.6	27.9	27.9	27.9	28.0	28.5	28.8	28.8
127°	29.1	28.8	28.7	28.6	27.9	27.9	27.9	28.0	28.5	28.8	28.8
127.5°	29.1	28.8	28.6	28.6	28.0	28.0	27.9	28.1	28.5	28.8	28.8
128°	29.1	28.8	28.6	28.6	28.0	28.0	28.0	28.1	28.5	28.9	28.8
128.5°	29.0	28.7	28.5	28.6	28.1	28.1	28.0	28.2	28.6	28.9	28.9
129°	29.0	28.7	28.5	28.6	28.2	28.1	28.1	28.3	28.6	29.0	28.9
129.5°	29.0	28.7	28.5	28.6	28.3	28.1	28.3	28.3	28.7	29.0	29.1
130°	28.9	28.6	28.5	28.6	28.2	28.1	28.4	28.5	28.7	29.0	29.3
130.5°	28.9	28.6	28.5	28.6	28.2	28.3	28.4	28.5	28.9	29.0	29.3
131°	28.9	28.6	28.5	28.6	28.4	28.5	28.5	28.5	29.0	29.2	29.3
131.5°	28.9	28.6	28.5	28.6	28.4	28.6	28.6	28.6	29.0	29.3	29.3
132°	28.9	28.6	28.5	28.6	28.6	28.7	28.7	28.7	29.1	29.4	29.4
132.5°	28.9	28.6	28.5	28.6	28.6	28.7	28.8	28.9	29.3	29.5	29.5
133°	28.9	28.6	28.6	28.6	28.8	28.8	29.1	29.1	29.5	29.7	29.6
133.5°	28.9	28.6	28.6	28.8	29.0	28.9	29.1	29.3	29.7	29.8	29.6
134°	29.0	28.7	28.6	29.1	29.0	29.1	29.3	29.3	29.9	29.8	29.7
134.5°	28.9	28.7	28.9	29.3	29.2	29.4	29.4	29.5	29.9	29.9	29.9



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	28.9	28.7	29.1	29.2	29.4	29.5	29.6	29.7	30.1	30.0	30.0
135.5°	29.3	29.0	29.1	29.2	29.6	29.7	29.9	29.9	30.3	30.4	30.1
136°	29.3	29.2	29.3	29.4	29.8	29.9	30.1	30.1	30.4	30.6	30.2
136.5°	29.3	29.2	29.4	29.6	29.9	30.1	30.2	30.3	30.5	30.8	30.3
137°	29.4	29.4	29.7	30.0	30.0	30.3	30.3	30.4	30.7	30.8	30.3
137.5°	29.6	29.5	30.0	30.2	30.2	30.5	30.5	30.5	30.8	31.0	30.7
138°	29.7	29.6	30.2	30.3	30.4	30.5	30.6	30.8	30.9	31.1	30.9
138.5°	29.8	30.0	30.2	30.3	30.6	30.8	30.9	31.0	31.1	31.1	31.0
139°	30.3	30.3	30.3	30.4	30.8	31.0	31.0	31.1	31.4	31.3	31.2
139.5°	30.5	30.4	30.4	30.6	30.9	31.1	31.2	31.3	31.5	31.5	31.4
140°	30.4	30.4	30.6	30.8	31.1	31.2	31.4	31.5	31.7	31.8	31.6
140.5°	30.6	30.4	30.7	31.1	31.4	31.4	31.6	31.6	31.8	32.1	31.8
141°	30.6	30.6	30.8	31.3	31.5	31.4	31.7	31.8	31.9	32.3	32.0
141.5°	30.7	30.8	31.2	31.4	31.6	31.6	31.9	31.8	32.0	32.4	32.1
142°	30.9	30.9	31.4	31.4	31.8	31.9	32.0	32.0	32.3	32.4	32.4
142.5°	31.4	31.4	31.3	31.7	32.0	32.0	32.3	32.1	32.4	32.6	32.6
143°	31.5	31.4	31.4	31.9	32.0	32.2	32.5	32.2	32.5	32.7	32.7
143.5°	31.5	31.4	31.6	32.3	32.1	32.2	32.4	32.3	32.5	32.8	32.8
144°	31.5	31.4	31.7	32.3	32.2	32.2	32.4	32.4	32.5	32.8	32.9
144.5°	31.5	31.5	31.8	32.3	32.4	32.5	32.4	32.5	32.5	32.8	32.8
145°	31.5	31.5	31.9	32.3	32.4	32.6	32.4	32.5	32.5	32.8	32.8
145.5°	31.5	31.5	31.8	32.3	32.4	32.6	32.4	32.5	32.5	32.8	32.8
146°	31.7	31.7	32.1	32.3	32.6	32.6	32.4	32.5	32.5	32.8	32.8
146.5°	32.0	31.8	32.4	32.3	32.6	32.4	32.4	32.5	32.5	32.8	32.8
147°	32.1	31.9	32.4	32.3	32.4	32.4	32.3	32.5	32.6	32.8	32.9
147.5°	32.0	32.0	32.4	32.3	32.3	32.4	32.3	32.2	32.6	32.8	32.9
148°	32.0	32.0	32.4	32.4	31.8	32.4	32.3	32.0	32.5	32.8	32.8
148.5°	32.0	32.0	32.5	32.4	31.8	31.8	32.3	31.9	32.5	32.8	32.8
149°	32.0	32.0	32.5	32.4	31.9	31.8	32.0	31.7	32.5	32.8	32.8
149.5°	32.0	32.0	32.4	32.5	31.8	31.7	31.8	31.7	32.5	32.5	32.7
150°	32.0	32.0	32.4	32.4	31.8	31.6	31.6	31.6	32.4	32.6	32.6
150.5°	32.0	32.0	32.5	32.4	31.8	31.6	31.5	31.5	31.9	32.5	32.6
151°	32.0	32.1	32.5	32.4	31.8	31.6	31.5	31.5	31.7	32.5	32.6
151.5°	32.0	32.1	32.4	32.5	31.6	31.5	31.5	31.5	31.7	32.5	32.5
152°	32.0	32.0	32.4	32.5	31.6	31.4	31.4	31.5	31.7	32.4	32.4
152.5°	32.0	32.0	32.2	32.4	31.4	31.3	31.4	31.5	31.7	32.4	32.4
153°	32.0	31.8	32.2	32.3	31.5	31.3	31.4	31.5	31.6	32.4	32.4
153.5°	32.0	31.8	32.2	32.3	31.4	31.4	31.4	31.5	31.6	32.4	32.4
154°	32.0	31.8	32.2	32.3	31.4	31.3	31.4	31.5	31.6	32.4	32.4
154.5°	32.0	31.8	32.1	32.2	31.4	31.3	31.4	31.5	31.5	32.4	32.4
155°	31.9	31.8	32.0	32.1	31.4	31.3	31.5	31.5	31.5	32.4	32.4
155.5°	31.9	31.8	32.0	32.2	31.4	31.3	31.5	31.5	31.5	32.3	32.4
156°	32.0	31.8	32.0	32.2	31.4	31.3	31.3	31.5	31.5	32.4	32.4
156.5°	32.0	31.8	32.0	32.1	31.4	31.3	31.3	31.5	31.5	32.3	32.4
157°	31.9	31.8	32.0	32.1	31.4	31.3	31.4	31.5	31.5	32.1	32.4



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	31.9	31.7	32.0	32.0	31.4	31.3	31.3	31.3	31.6	31.8	32.4
158°	31.9	31.4	31.9	31.9	31.4	31.3	31.3	31.4	31.6	31.7	32.4
158.5°	31.9	31.4	31.7	31.8	31.4	31.3	31.3	31.3	31.5	31.7	32.3
159°	31.7	31.4	31.5	31.7	31.4	31.3	31.1	31.1	31.5	31.7	32.0
159.5°	31.5	31.3	31.4	31.6	31.4	31.4	31.0	30.7	31.1	31.7	31.8
160°	31.3	31.2	31.2	31.5	31.4	31.4	30.7	30.5	30.9	31.4	31.5
160.5°	31.4	31.1	31.2	31.4	31.2	31.2	30.5	30.4	30.5	31.5	31.4
161°	31.3	30.9	31.1	31.4	30.8	30.8	30.3	30.3	30.4	31.2	31.4
161.5°	31.1	30.8	31.0	31.2	30.7	30.6	30.2	30.3	30.4	30.9	31.3
162°	31.1	30.8	30.8	31.1	30.5	30.4	30.3	29.9	30.3	30.7	31.3
162.5°	30.9	30.8	30.7	30.9	30.4	30.3	30.1	29.7	30.1	30.5	30.8
163°	30.8	30.6	30.6	30.8	30.4	30.3	30.1	29.5	29.8	30.3	30.7
163.5°	30.8	30.4	30.4	30.6	30.4	30.3	29.8	29.5	29.6	30.4	30.5
164°	30.7	30.2	30.3	30.4	29.8	29.7	29.6	29.3	29.5	30.2	30.4
164.5°	30.5	30.1	30.1	30.2	29.6	29.5	29.3	29.3	29.3	29.8	30.2
165°	30.5	30.0	29.9	30.0	29.6	29.5	29.1	29.1	29.3	29.4	30.2
165.5°	30.2	29.7	29.6	29.8	29.4	29.3	29.1	28.8	29.1	29.3	30.0
166°	30.0	29.5	29.4	29.6	29.2	29.2	28.6	28.6	28.7	29.2	29.4
166.5°	29.7	29.3	29.3	29.4	29.2	29.2	28.4	28.5	28.5	28.7	29.2
167°	29.6	29.1	29.0	29.2	28.9	28.9	28.2	28.3	28.3	28.5	29.1
167.5°	29.5	28.8	28.7	28.8	28.6	28.5	28.0	28.3	28.1	28.4	28.7
168°	29.1	28.5	28.2	28.3	28.0	28.0	27.5	27.6	27.9	28.2	28.5
168.5°	28.8	28.2	27.9	28.0	27.4	27.4	27.1	27.3	27.5	27.8	28.1
169°	28.3	27.8	27.4	27.5	27.2	27.2	27.0	27.2	27.3	27.6	27.7
169.5°	28.1	27.5	27.3	27.2	27.0	27.0	27.1	27.2	27.4	27.6	27.7
170°	28.0	27.5	27.3	27.3	27.0	27.0	27.1	27.3	27.4	27.6	27.7
170.5°	27.9	27.5	27.2	27.2	27.1	27.1	27.1	27.3	27.5	27.6	27.7
171°	28.3	28.2	28.6	28.5	27.6	27.4	27.5	27.6	27.8	27.7	27.7
171.5°	29.8	29.9	30.3	30.2	29.3	28.7	28.8	29.0	28.9	28.8	28.3
172°	31.4	31.6	31.7	31.6	31.0	30.5	30.7	30.9	30.6	30.4	29.8
172.5°	32.5	32.6	32.6	32.5	32.6	32.3	32.5	32.8	32.5	32.0	31.5
173°	33.4	33.4	33.3	33.4	33.6	33.3	33.7	33.9	33.6	33.2	32.8
173.5°	34.3	33.9	33.6	33.7	34.3	34.1	34.4	34.7	34.4	34.0	33.7
174°	34.7	34.7	34.2	33.9	34.9	34.6	34.9	35.0	35.1	34.7	34.4
174.5°	34.7	34.7	34.6	34.7	35.2	35.0	35.1	35.0	35.1	34.7	34.7
175°	34.7	34.7	34.8	34.7	35.3	35.2	35.1	35.0	35.0	34.7	34.6
175.5°	34.7	34.7	34.8	34.7	35.5	35.4	35.0	35.0	35.0	34.7	34.6
176°	34.8	34.7	34.8	34.7	35.6	35.4	35.0	35.0	35.0	34.7	34.6
176.5°	34.8	34.7	34.8	34.7	35.6	35.5	35.0	35.0	35.0	34.7	34.6
177°	34.8	34.7	34.8	34.7	35.6	35.5	35.0	35.0	35.0	34.7	34.6
177.5°	34.8	34.7	34.8	34.7	35.6	35.4	35.0	35.0	35.0	34.7	34.6
178°	34.8	34.7	34.8	34.7	35.7	35.4	35.0	35.0	35.0	34.7	34.6
178.5°	34.8	34.7	34.8	34.7	35.8	35.4	35.0	35.0	35.0	34.7	34.6
179°	34.8	34.7	34.8	34.7	35.8	35.5	35.0	35.0	35.0	34.7	34.6
179.5°	34.8	34.7	34.8	34.8	35.8	35.5	35.0	35.0	35.0	34.7	34.6



TEST NUMBER: P601026
CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	364.8	364.8	364.8	364.8	364.8	364.8
0.5°	364.8	364.8	364.8	363.9	365.0	364.8
1°	364.8	364.8	364.5	363.7	365.0	365.0
1.5°	364.1	364.8	364.5	363.8	365.0	365.7
2°	363.3	364.8	364.5	364.1	365.1	366.4
2.5°	362.8	364.8	364.5	364.3	365.1	366.7
3°	362.9	364.8	364.5	364.3	365.0	366.3
3.5°	363.1	364.8	364.4	363.3	365.1	365.8
4°	363.8	364.2	364.2	363.2	365.6	365.5
4.5°	363.8	363.7	363.7	363.2	365.6	365.3
5°	363.3	363.6	363.6	363.1	365.6	365.3
5.5°	362.2	363.4	363.6	363.1	365.3	365.1
6°	361.3	363.4	363.6	362.7	364.8	364.6
6.5°	361.1	363.5	363.6	362.3	364.0	364.4
7°	361.1	363.5	362.6	362.3	363.7	364.3
7.5°	361.1	362.6	362.2	362.3	363.8	364.3
8°	360.5	361.7	362.2	362.3	363.9	364.2
8.5°	359.7	361.5	362.1	361.4	364.0	363.8
9°	359.2	361.3	362.1	360.5	363.0	363.2
9.5°	358.5	360.9	361.3	360.3	361.8	362.5
10°	357.9	360.5	360.5	360.3	361.4	362.4
10.5°	357.9	360.1	359.7	360.3	361.4	362.4
11°	357.3	358.9	359.5	360.1	361.4	362.4
11.5°	356.7	357.8	359.0	359.5	361.4	361.6
12°	355.5	357.3	358.1	358.9	360.9	360.5
12.5°	354.6	357.3	357.8	357.7	359.9	359.6
13°	353.9	357.3	357.5	356.5	359.4	358.9
13.5°	353.6	356.1	356.4	355.8	359.3	358.8
14°	352.8	354.9	354.9	355.7	358.3	358.8
14.5°	352.9	354.4	354.2	355.7	357.0	358.5
15°	352.4	354.1	354.0	355.8	356.4	357.3
15.5°	351.0	353.3	353.8	355.4	356.0	355.7
16°	349.6	351.9	353.7	352.7	355.7	354.3
16.5°	348.6	351.0	353.1	351.2	355.3	353.9
17°	348.4	350.6	351.2	350.6	354.2	353.9
17.5°	347.8	350.2	349.4	350.3	352.7	353.9
18°	347.2	349.4	348.8	350.2	351.7	353.4
18.5°	346.2	347.5	348.8	349.9	350.9	351.7
19°	344.9	345.8	348.8	348.6	350.0	350.4
19.5°	343.3	344.9	347.5	347.1	348.7	349.5
20°	342.0	344.5	345.1	346.0	347.8	348.8
20.5°	341.1	343.8	343.3	345.4	347.1	347.7
21°	340.9	342.3	343.2	344.2	346.1	346.2
21.5°	340.2	340.3	343.1	342.4	345.0	345.0
22°	338.9	339.6	342.6	341.2	343.9	344.4



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	337.0	339.0	340.8	340.6	343.3	343.4
23°	335.6	338.0	338.7	339.9	342.7	342.5
23.5°	335.3	336.6	337.3	338.5	341.4	341.6
24°	334.1	334.8	336.1	337.5	339.3	340.2
24.5°	332.1	333.8	335.1	336.6	337.9	339.0
25°	330.1	332.5	334.5	335.4	337.3	338.2
25.5°	328.4	330.9	333.3	334.0	336.2	337.2
26°	327.7	329.7	331.4	332.4	334.5	335.3
26.5°	327.3	329.2	330.2	330.8	333.2	333.2
27°	326.1	328.7	329.4	329.6	332.5	332.0
27.5°	324.2	327.2	328.3	328.5	331.2	331.4
28°	322.1	324.9	326.3	327.2	329.3	330.6
28.5°	320.6	322.8	324.3	326.1	327.6	329.5
29°	319.6	321.7	323.1	324.8	326.5	327.8
29.5°	318.6	320.9	322.2	323.2	325.4	326.1
30°	317.3	319.7	321.3	321.7	324.2	324.6
30.5°	315.3	317.7	319.8	320.5	322.6	323.3
31°	313.4	315.8	317.7	319.0	321.2	321.8
31.5°	311.7	313.9	315.3	317.0	320.1	319.7
32°	310.0	312.3	313.5	315.0	318.9	317.3
32.5°	308.1	311.0	312.5	313.5	317.2	315.5
33°	306.2	309.6	311.0	312.3	314.9	314.6
33.5°	304.9	307.8	309.1	310.8	312.8	313.9
34°	303.6	305.3	307.5	309.1	311.2	312.8
34.5°	301.9	303.6	305.8	307.1	309.7	310.6
35°	299.7	302.3	304.3	305.5	308.0	308.3
35.5°	297.8	300.8	302.7	304.5	306.4	306.3
36°	296.5	299.1	301.3	303.4	305.0	304.4
36.5°	295.3	297.2	299.4	301.7	302.9	302.8
37°	293.8	295.2	297.2	299.3	300.5	301.2
37.5°	291.8	293.3	295.2	297.1	298.9	299.6
38°	289.0	291.6	293.3	295.6	297.4	298.3
38.5°	286.3	289.5	291.6	294.1	296.0	296.6
39°	284.9	287.3	290.1	292.0	294.4	294.6
39.5°	284.0	285.3	288.2	289.7	292.6	292.2
40°	282.2	283.3	286.4	287.5	290.2	290.1
40.5°	279.5	281.9	284.2	285.8	287.9	288.5
41°	276.6	280.0	281.8	284.4	285.9	286.9
41.5°	274.5	277.7	279.8	282.4	284.3	284.7
42°	273.1	275.1	278.4	280.7	282.6	282.4
42.5°	271.2	273.2	276.7	278.8	280.4	280.3
43°	269.1	271.5	274.1	276.9	278.4	279.0
43.5°	267.1	269.5	271.5	274.5	276.6	277.4
44°	264.9	267.0	269.5	272.3	274.4	274.6
44.5°	262.9	265.0	267.6	269.8	272.4	271.6



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	260.5	263.1	265.8	267.7	270.6	269.7
45.5°	258.3	261.2	264.2	265.7	268.6	268.2
46°	256.3	259.4	261.7	263.6	266.2	266.7
46.5°	254.4	257.2	259.5	261.6	263.8	265.0
47°	252.2	254.6	257.5	260.0	261.9	262.5
47.5°	250.0	252.3	255.6	258.4	260.3	260.0
48°	247.7	250.3	253.4	256.4	258.3	257.6
48.5°	245.4	248.5	251.3	253.5	255.7	255.2
49°	243.2	246.3	249.2	250.5	253.4	253.0
49.5°	241.3	243.6	247.2	248.3	251.4	251.2
50°	239.1	240.9	244.4	246.6	249.5	249.5
50.5°	236.6	238.8	241.9	245.1	247.3	247.4
51°	234.5	237.3	239.9	243.3	244.8	244.8
51.5°	232.5	235.2	237.5	240.5	242.3	242.6
52°	230.2	232.4	235.3	237.5	240.1	239.9
52.5°	227.8	229.7	233.1	235.0	237.8	237.3
53°	225.7	227.6	230.9	233.2	235.3	235.2
53.5°	223.5	225.7	228.5	231.4	232.9	233.3
54°	220.9	223.6	226.5	229.7	230.5	231.4
54.5°	218.6	221.9	224.2	227.2	228.3	229.2
55°	216.8	219.5	222.1	225.0	226.6	226.8
55.5°	214.7	216.5	219.5	222.5	224.5	224.5
56°	212.5	214.0	217.1	220.3	222.1	222.4
56.5°	210.1	212.0	215.1	218.0	219.6	219.7
57°	207.3	209.9	213.4	215.7	217.1	217.1
57.5°	204.9	207.5	211.3	213.1	215.2	215.2
58°	202.8	205.0	208.6	210.7	213.4	213.3
58.5°	200.8	202.5	206.3	208.5	211.2	211.1
59°	198.6	200.3	204.2	206.2	208.6	208.4
59.5°	195.9	198.4	202.0	204.0	206.1	205.9
60°	193.0	196.6	199.5	201.7	203.7	203.3
60.5°	190.7	194.0	197.0	199.6	201.5	200.6
61°	188.7	191.2	194.8	197.4	199.1	198.5
61.5°	187.2	188.8	192.7	194.9	196.8	196.3
62°	185.1	186.6	190.3	192.5	194.6	194.2
62.5°	182.2	184.4	187.8	190.1	192.5	191.8
63°	179.2	182.1	185.4	187.9	190.2	189.3
63.5°	176.7	179.7	183.1	185.6	187.8	186.8
64°	175.0	177.5	180.8	183.2	185.3	184.5
64.5°	173.4	175.5	178.5	180.9	182.9	182.3
65°	171.2	173.1	176.2	178.9	180.3	180.2
65.5°	168.5	170.8	174.1	176.5	177.6	177.8
66°	165.7	168.2	172.0	174.2	175.3	175.6
66.5°	163.4	165.9	169.7	171.9	173.2	173.1
67°	161.6	163.7	167.3	169.5	171.1	170.7



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	159.6	161.6	165.0	167.1	168.6	168.2
68°	157.5	159.4	162.7	164.7	166.5	165.9
68.5°	154.8	156.9	160.4	162.6	164.4	163.9
69°	152.5	154.6	158.1	160.4	162.0	161.7
69.5°	150.2	152.3	155.8	158.2	159.5	159.5
70°	148.2	150.4	153.7	155.8	157.4	156.9
70.5°	146.1	148.3	151.3	153.8	155.0	154.6
71°	144.1	146.0	149.2	151.6	152.6	152.4
71.5°	141.9	143.7	146.9	149.5	150.4	150.2
72°	139.6	141.6	144.7	147.3	148.1	147.9
72.5°	137.1	139.5	142.5	145.1	146.1	145.9
73°	134.8	137.4	140.3	142.9	144.1	143.4
73.5°	132.8	135.2	138.2	140.6	142.1	141.3
74°	130.9	133.1	136.0	138.0	139.7	138.9
74.5°	128.9	130.9	134.0	135.8	137.2	136.7
75°	126.9	128.7	131.9	133.8	134.8	134.5
75.5°	124.7	126.6	129.7	131.9	132.8	132.4
76°	122.7	124.7	127.4	130.0	130.7	130.3
76.5°	120.7	122.6	125.4	127.7	128.6	128.3
77°	118.6	120.5	123.5	125.4	126.4	126.0
77.5°	116.6	118.4	121.5	123.2	124.3	123.8
78°	114.6	116.3	119.4	121.2	122.2	121.6
78.5°	112.6	114.2	117.4	119.5	120.3	119.6
79°	110.5	112.3	115.3	117.6	118.4	117.6
79.5°	108.5	110.5	113.4	115.4	116.3	115.8
80°	106.6	108.6	111.7	113.1	114.0	113.7
80.5°	104.9	106.5	109.7	111.2	111.9	111.9
81°	103.0	104.4	107.5	109.3	110.1	109.7
81.5°	101.2	102.7	105.3	107.4	108.4	107.7
82°	99.4	101.1	103.8	105.3	106.4	105.6
82.5°	97.4	99.3	102.1	103.4	104.1	103.7
83°	95.5	97.4	100.2	101.6	102.1	101.8
83.5°	93.7	95.6	98.4	99.7	100.3	100.1
84°	92.1	94.0	96.4	98.0	98.7	98.3
84.5°	90.5	92.4	94.6	96.3	96.9	96.5
85°	88.9	91.0	92.9	94.4	95.2	94.7
85.5°	87.2	89.1	91.4	92.5	93.3	92.8
86°	85.5	87.3	90.0	90.8	91.5	91.1
86.5°	83.9	85.6	88.2	89.5	90.1	89.5
87°	82.3	84.1	86.3	88.0	88.6	87.8
87.5°	80.9	82.8	84.9	86.5	86.8	86.3
88°	79.5	81.3	83.4	84.8	85.0	84.8
88.5°	78.1	79.6	82.0	82.9	83.3	83.1
89°	76.5	78.0	80.5	81.5	82.0	81.3
89.5°	74.8	76.7	78.7	80.0	80.5	79.8



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	73.4	75.5	77.5	78.6	79.0	78.4
90.5°	72.2	74.1	76.0	77.4	77.5	77.0
91°	70.9	72.6	74.7	75.8	76.0	75.6
91.5°	69.5	71.1	73.2	74.2	74.6	73.9
92°	68.2	69.7	71.7	72.8	73.3	72.5
92.5°	66.8	68.4	70.4	71.6	71.7	71.2
93°	65.4	67.3	69.1	70.5	70.5	70.0
93.5°	64.2	66.3	67.9	69.1	69.2	68.8
94°	63.0	64.9	66.6	67.7	68.0	67.4
94.5°	61.8	63.7	65.4	66.3	66.6	66.0
95°	60.7	62.5	64.1	65.1	65.3	64.7
95.5°	59.7	61.4	63.0	63.9	64.0	63.5
96°	58.7	60.3	62.1	62.8	62.9	62.4
96.5°	57.5	59.3	61.0	61.7	61.9	61.2
97°	56.4	58.5	59.7	60.6	60.9	59.9
97.5°	55.6	57.3	58.4	59.5	59.7	58.9
98°	54.6	56.3	57.4	58.4	58.5	57.9
98.5°	53.4	55.2	56.6	57.4	57.4	56.9
99°	52.4	54.1	55.7	56.6	56.5	55.9
99.5°	51.4	53.2	54.6	55.4	55.4	54.8
100°	50.4	52.3	53.7	54.5	54.4	53.8
100.5°	49.5	51.5	52.7	53.5	53.5	52.9
101°	48.7	50.7	51.9	52.5	52.7	51.9
101.5°	48.1	49.8	51.0	51.7	51.7	51.1
102°	47.1	48.9	50.1	50.9	50.7	50.2
102.5°	46.3	47.8	49.1	49.9	49.8	49.3
103°	45.4	47.2	48.4	49.0	48.9	48.1
103.5°	44.9	46.5	47.7	48.1	48.2	47.4
104°	44.1	45.8	46.9	47.3	47.4	46.7
104.5°	43.4	45.1	46.1	46.7	46.5	46.1
105°	42.9	44.5	45.4	45.9	45.8	45.3
105.5°	41.8	43.8	44.7	45.1	45.1	44.4
106°	41.2	43.0	44.0	44.4	44.3	43.7
106.5°	40.7	42.3	43.5	43.8	43.7	43.1
107°	40.1	41.6	42.7	43.2	43.0	42.4
107.5°	39.7	41.0	41.9	42.6	42.4	41.7
108°	38.8	40.5	41.3	41.8	41.7	41.0
108.5°	38.6	40.0	40.7	41.1	41.0	40.5
109°	37.8	39.4	40.2	40.5	40.5	39.9
109.5°	37.6	38.9	39.7	39.9	39.9	39.3
110°	36.8	38.3	39.1	39.3	39.3	38.7
110.5°	36.4	37.8	38.5	38.9	38.7	38.2
111°	35.6	37.4	37.9	38.3	38.3	37.6
111.5°	35.4	36.8	37.4	37.8	37.8	37.1
112°	34.9	36.4	36.9	37.3	37.3	36.5



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	34.5	36.0	36.5	36.8	36.7	36.2
113°	34.2	35.6	36.1	36.3	36.2	35.8
113.5°	33.5	35.2	35.6	36.0	35.8	35.3
114°	33.3	34.7	35.2	35.4	35.4	34.9
114.5°	33.1	34.3	34.9	35.1	35.0	34.5
115°	32.5	34.0	34.5	34.7	34.6	34.1
115.5°	32.5	33.7	34.2	34.3	34.3	33.7
116°	31.7	33.3	33.8	34.0	33.9	33.5
116.5°	31.5	33.0	33.4	33.6	33.5	33.0
117°	31.2	32.6	33.2	33.2	33.2	32.6
117.5°	31.1	32.4	32.8	33.0	32.8	32.3
118°	30.7	32.1	32.5	32.6	32.5	32.1
118.5°	30.5	32.0	32.2	32.3	32.2	31.9
119°	30.3	31.7	32.0	32.1	32.0	31.6
119.5°	30.2	31.5	31.7	31.8	31.7	31.4
120°	29.8	31.3	31.5	31.6	31.4	31.1
120.5°	29.6	31.1	31.3	31.3	31.3	30.9
121°	29.4	31.0	31.1	31.1	31.1	30.7
121.5°	29.3	30.6	30.9	30.9	30.9	30.5
122°	29.2	30.5	30.8	30.7	30.6	30.3
122.5°	29.2	30.5	30.5	30.5	30.4	30.1
123°	29.2	30.4	30.3	30.3	30.2	29.9
123.5°	29.1	30.3	30.2	30.3	30.1	29.7
124°	29.1	30.0	30.1	30.1	30.0	29.6
124.5°	29.0	29.9	30.0	30.1	29.9	29.4
125°	29.0	29.8	29.9	29.8	29.8	29.4
125.5°	29.0	29.8	29.7	29.7	29.6	29.3
126°	29.0	29.8	29.7	29.7	29.4	29.3
126.5°	29.0	29.7	29.7	29.5	29.4	29.3
127°	29.0	29.7	29.7	29.5	29.3	29.1
127.5°	29.0	29.6	29.5	29.4	29.3	29.1
128°	29.0	29.6	29.5	29.4	29.3	29.1
128.5°	29.0	29.6	29.5	29.4	29.1	29.0
129°	29.1	29.6	29.5	29.3	29.1	29.0
129.5°	29.1	29.6	29.5	29.3	29.2	29.0
130°	29.1	29.6	29.5	29.3	29.1	28.9
130.5°	29.2	29.6	29.5	29.3	29.1	28.9
131°	29.4	29.6	29.5	29.3	29.1	28.9
131.5°	29.5	29.6	29.5	29.3	29.1	28.9
132°	29.6	29.6	29.5	29.3	29.1	28.9
132.5°	29.6	29.6	29.5	29.3	29.1	28.9
133°	29.6	29.6	29.5	29.3	29.1	28.9
133.5°	29.8	29.6	29.5	29.3	29.2	28.9
134°	29.8	29.6	29.5	29.3	29.2	29.0
134.5°	29.8	29.6	29.5	29.3	29.3	28.9



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	30.0	29.7	29.5	29.3	29.3	28.9
135.5°	30.0	29.8	29.5	29.3	29.5	29.3
136°	30.2	30.2	29.7	29.5	29.4	29.3
136.5°	30.3	30.4	29.9	29.5	29.4	29.3
137°	30.3	30.5	30.1	29.6	29.5	29.4
137.5°	30.4	30.5	30.3	29.9	29.7	29.6
138°	30.6	30.5	30.3	30.3	30.0	29.7
138.5°	30.8	30.7	30.4	30.3	30.3	29.8
139°	30.9	31.0	30.5	30.3	30.3	30.3
139.5°	31.1	31.3	30.8	30.6	30.3	30.5
140°	31.3	31.4	31.0	30.6	30.5	30.4
140.5°	31.3	31.4	31.2	30.8	30.7	30.6
141°	31.6	31.6	31.3	31.2	30.9	30.6
141.5°	31.7	31.8	31.4	31.3	30.9	30.7
142°	31.9	32.0	31.6	31.3	31.1	30.9
142.5°	32.1	32.3	31.8	31.5	31.4	31.4
143°	32.3	32.5	32.0	31.6	31.4	31.5
143.5°	32.5	32.5	32.1	31.7	31.5	31.5
144°	32.7	32.5	32.3	31.9	31.7	31.5
144.5°	32.7	32.6	32.4	32.4	31.7	31.5
145°	32.7	32.6	32.4	32.4	31.9	31.5
145.5°	32.7	32.8	32.6	32.4	32.2	31.5
146°	32.7	32.8	32.7	32.4	32.3	31.7
146.5°	32.7	33.0	32.8	32.5	32.5	32.0
147°	32.7	33.1	32.8	32.7	32.5	32.1
147.5°	32.7	33.5	33.0	32.9	32.5	32.0
148°	32.7	33.5	33.3	33.0	32.5	32.0
148.5°	32.7	33.5	33.4	33.1	32.5	32.0
149°	32.7	33.6	33.4	33.2	32.5	32.0
149.5°	32.6	33.6	33.4	33.1	32.5	32.0
150°	32.4	33.6	33.4	33.1	32.5	32.0
150.5°	32.5	33.6	33.4	33.1	32.5	32.0
151°	32.5	33.6	33.4	33.1	32.5	32.0
151.5°	32.4	33.6	33.4	33.2	32.5	32.0
152°	32.4	33.6	33.4	33.2	32.5	32.0
152.5°	32.3	33.6	33.4	33.1	32.5	32.0
153°	32.2	33.6	33.4	32.9	32.5	32.0
153.5°	32.2	33.6	33.4	33.0	32.4	32.0
154°	32.1	33.5	33.3	33.0	32.4	32.0
154.5°	32.2	33.5	33.2	32.9	32.3	32.0
155°	32.1	33.5	33.2	32.9	32.3	31.9
155.5°	32.1	33.4	33.2	32.9	32.3	31.9
156°	32.1	33.3	33.2	32.9	32.3	32.0
156.5°	32.1	33.3	33.2	33.0	32.2	32.0
157°	32.1	33.4	33.1	33.0	32.2	31.9



TEST NUMBER: P601026
 CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	32.1	33.2	33.1	32.9	32.3	31.9
158°	32.1	33.2	33.2	32.8	32.3	31.9
158.5°	31.9	33.1	33.0	32.7	32.1	31.9
159°	31.9	33.1	33.0	32.6	32.0	31.7
159.5°	31.7	33.1	33.0	32.5	32.0	31.5
160°	31.6	33.1	33.0	32.4	31.9	31.3
160.5°	31.5	33.1	32.8	32.3	31.7	31.4
161°	31.3	32.8	32.6	32.1	31.6	31.3
161.5°	31.3	32.6	32.4	31.9	31.5	31.1
162°	31.3	32.3	32.2	31.8	31.3	31.1
162.5°	30.9	32.2	32.1	31.6	31.2	30.9
163°	30.7	32.2	31.9	31.5	31.1	30.8
163.5°	30.5	32.0	31.7	31.4	31.1	30.8
164°	30.5	31.8	31.6	31.2	30.9	30.7
164.5°	30.4	31.6	31.5	31.0	30.7	30.5
165°	30.2	31.5	31.4	30.9	30.7	30.5
165.5°	30.2	31.4	31.2	30.7	30.5	30.2
166°	29.9	31.2	31.0	30.4	30.3	30.0
166.5°	29.5	31.1	30.7	30.3	30.1	29.7
167°	29.3	30.9	30.3	30.1	29.9	29.6
167.5°	29.1	30.6	30.1	29.9	29.7	29.5
168°	29.0	30.3	29.8	29.5	29.3	29.1
168.5°	28.5	29.9	29.4	29.2	29.1	28.8
169°	28.1	29.4	29.0	28.8	28.7	28.3
169.5°	27.7	28.9	28.5	28.5	28.3	28.1
170°	27.7	28.5	28.3	28.2	28.1	28.0
170.5°	27.7	28.3	28.3	28.1	28.1	27.9
171°	27.8	28.4	28.3	28.1	28.2	28.3
171.5°	28.2	29.2	29.1	28.9	29.5	29.8
172°	29.5	30.9	30.7	30.6	31.2	31.4
172.5°	31.2	32.3	32.2	32.1	32.5	32.5
173°	32.6	33.3	33.1	33.1	33.4	33.4
173.5°	33.6	34.0	33.8	33.7	34.0	34.3
174°	34.3	34.5	34.6	34.5	34.6	34.7
174.5°	34.7	34.6	34.6	34.5	34.8	34.7
175°	34.7	34.6	34.6	34.5	34.9	34.7
175.5°	34.7	34.7	34.6	34.6	35.0	34.7
176°	34.7	34.8	34.6	34.6	35.0	34.8
176.5°	34.7	34.9	34.8	34.8	35.0	34.8
177°	34.7	35.0	34.7	34.8	35.0	34.8
177.5°	34.7	35.1	34.8	34.8	35.0	34.8
178°	34.7	35.1	34.8	34.9	35.0	34.8
178.5°	34.7	35.1	35.0	34.9	35.0	34.8
179°	34.7	35.2	35.0	34.9	35.0	34.8
179.5°	34.7	35.2	35.2	34.9	35.0	34.8



TEST NUMBER: P601026
CATALOG NUMBER: FM159S1EWHR_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	34.7	34.7	34.7	34.7	34.7	34.7

(END OF REPORT)