

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: HALO

Report Number: P971891

Luminaire Tested: RLWZDZC6-3500K

Issue Date: 2/18/2025

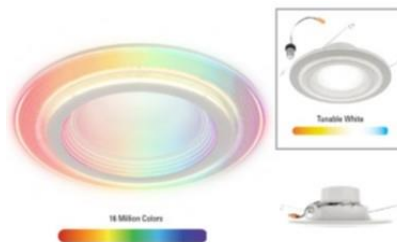
Test Information

Test Method: LM-79-2019
Report Number: P971891
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2409311B001)
Test Lab:
Issue Date: 2/18/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: RLWZDZC6-3500K
Description: RLDZ6" Canless 1000lm, WiZ RGBW, 120V, WH, with NIGHTLIGHT
Light Source: WiZ RGBW CONTROLLED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 995.0 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

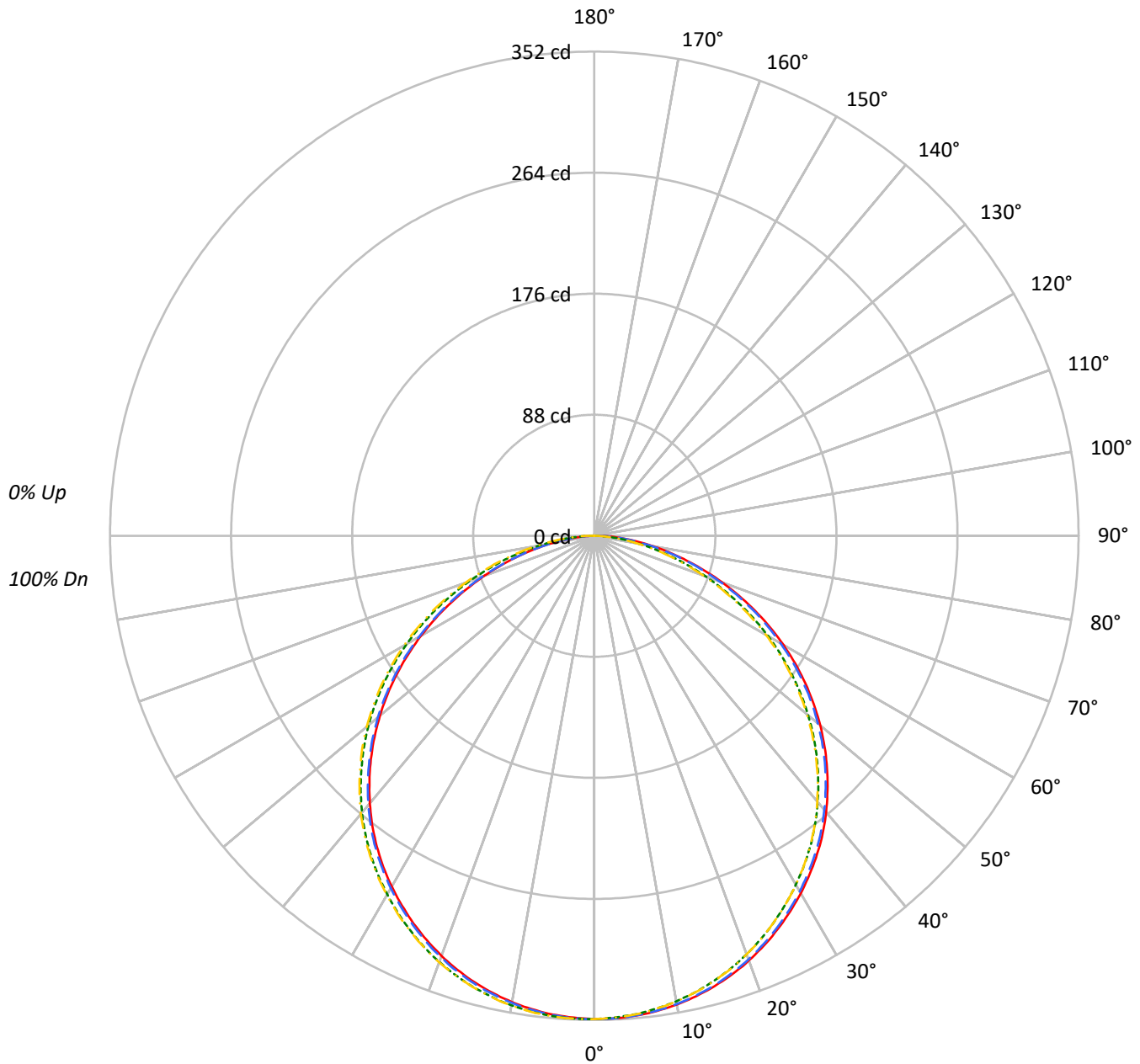
Input Watts (W): 10.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

Luminous Intensity Polar Plot





TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	94	97	94	91	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	82	77	85	80	75	82	78	74	79	75	72	70		
3	90	80	71	65	88	78	70	64	75	69	63	72	67	62	70	65	61	59		
4	83	70	62	55	80	69	61	55	67	59	54	64	58	53	62	57	52	50		
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43		
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38		
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	35	33		
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	30		
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	27		
10	53	40	32	26	52	39	32	26	38	31	26	37	31	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	19264	19264	19264	19264
5°	19266	19211	19222	19288
10°	19260	19127	19160	19299
15°	19228	19024	19075	19279
20°	19170	18884	18954	19228
25°	19084	18727	18806	19144
30°	18997	18547	18642	19060
35°	18899	18357	18451	18953
40°	18757	18077	18163	18792
45°	18552	17738	17800	18560
50°	18277	17313	17338	18251
55°	17901	16745	16745	17834
60°	17411	15997	15942	17257
65°	16720	15021	14904	16487
70°	15820	13784	13640	15467
75°	14721	12200	12031	14212
80°	13512	10260	10039	12659
85°	12769	7862	7296	11196

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 89.5°

Luminance: 32038 cd/sqm



TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.2	3.3
10°-20°	95.3	9.6
20°-30°	144.4	14.5
30°-40°	174.4	17.5
40°-50°	180.6	18.2
50°-60°	161.7	16.3
60°-70°	120.4	12.1
70°-80°	66.7	6.7
80°-90°	18.3	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	272.9	27.4
0°-40°	447.3	45.0
0°-60°	789.6	79.4
0°-90°	995.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	995.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	351	351	351	351	351	
5°	350	349	349	350	350	33
15°	339	335	336	340	339	96
25°	316	310	311	316	316	145
35°	282	274	276	283	282	177
45°	239	229	230	239	239	184
55°	187	175	175	187	187	167
65°	129	116	115	127	129	127
75°	70	58	57	67	70	74
85°	20	12	12	18	20	23
90°	0	0	0	0	0	



TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	351.4	351.4	351.4	351.4	351.4	351.4	351.4	351.4	351.4	351.4	351.4
0.5°	351.3	351.3	351.4	351.6	351.2	351.2	351.3	351.3	351.2	351.3	351.4
1°	351.3	351.2	351.4	351.5	351.1	351.1	351.2	351.2	351.1	351.2	351.4
1.5°	351.2	351.2	351.3	351.5	350.9	350.9	351.0	351.1	351.0	351.1	351.3
2°	351.2	351.1	351.2	351.4	350.7	350.7	350.9	350.9	350.8	351.0	351.1
2.5°	351.1	350.9	351.1	351.2	350.5	350.4	350.6	350.7	350.6	350.8	351.0
3°	351.0	350.8	351.0	351.1	350.3	350.2	350.4	350.5	350.4	350.7	350.8
3.5°	350.8	350.6	350.8	350.9	349.9	349.9	350.1	350.3	350.1	350.5	350.6
4°	350.6	350.3	350.6	350.6	349.6	349.6	349.8	350.0	349.9	350.2	350.3
4.5°	350.4	350.1	350.3	350.3	349.4	349.3	349.6	349.7	349.6	349.9	350.0
5°	350.1	349.8	350.0	350.1	349.1	348.9	349.2	349.4	349.3	349.6	349.7
5.5°	349.8	349.6	349.7	349.7	348.6	348.5	348.8	349.0	349.0	349.4	349.5
6°	349.6	349.2	349.5	349.5	348.2	348.0	348.4	348.6	348.5	349.0	349.0
6.5°	349.3	348.9	349.1	349.1	347.7	347.5	347.9	348.2	348.1	348.6	348.6
7°	348.9	348.5	348.7	348.6	347.2	347.0	347.4	347.7	347.6	348.2	348.2
7.5°	348.5	348.0	348.2	348.2	346.7	346.4	346.8	347.2	347.1	347.7	347.8
8°	348.0	347.5	347.8	347.7	346.1	345.8	346.2	346.7	346.6	347.2	347.2
8.5°	347.6	347.0	347.3	347.2	345.5	345.2	345.7	346.1	346.1	346.7	346.7
9°	347.1	346.5	346.8	346.6	344.9	344.6	345.0	345.5	345.5	346.1	346.2
9.5°	346.6	346.0	346.2	346.0	344.3	343.9	344.4	344.9	344.9	345.6	345.6
10°	346.0	345.4	345.6	345.4	343.6	343.2	343.7	344.2	344.2	344.9	344.9
10.5°	345.4	344.8	345.0	344.8	342.9	342.5	343.0	343.6	343.5	344.3	344.2
11°	344.8	344.1	344.3	344.1	342.1	341.7	342.2	342.8	342.8	343.6	343.5
11.5°	344.1	343.4	343.7	343.4	341.4	340.9	341.5	342.1	342.1	342.9	342.8
12°	343.5	342.7	343.0	342.7	340.6	340.2	340.7	341.3	341.3	342.1	342.1
12.5°	342.8	342.0	342.2	341.9	339.8	339.3	339.9	340.6	340.5	341.4	341.3
13°	342.0	341.2	341.4	341.2	339.0	338.4	339.1	339.8	339.7	340.5	340.5
13.5°	341.2	340.5	340.7	340.4	338.0	337.5	338.2	338.9	338.9	339.8	339.8
14°	340.5	339.6	339.9	339.6	337.1	336.6	337.2	338.0	338.0	338.9	338.9
14.5°	339.7	338.8	339.1	338.7	336.1	335.6	336.3	337.1	337.0	338.1	338.0
15°	338.8	337.9	338.2	337.8	335.2	334.6	335.3	336.1	336.1	337.1	337.0
15.5°	337.9	336.9	337.3	336.8	334.2	333.6	334.3	335.1	335.1	336.2	336.1
16°	337.0	336.0	336.3	335.9	333.2	332.5	333.2	334.1	334.1	335.2	335.1
16.5°	336.1	335.0	335.3	334.9	332.0	331.4	332.1	333.1	333.0	334.2	334.1
17°	335.1	334.0	334.3	333.8	331.0	330.4	331.1	332.0	331.9	333.1	333.1
17.5°	334.1	332.9	333.2	332.8	329.9	329.2	330.0	331.0	330.9	332.1	331.9
18°	333.1	331.8	332.2	331.7	328.7	328.0	328.8	329.8	329.8	331.0	330.9
18.5°	331.9	330.8	331.1	330.7	327.5	326.7	327.6	328.6	328.6	329.9	329.8
19°	331.0	329.7	330.0	329.5	326.3	325.5	326.4	327.4	327.4	328.7	328.6
19.5°	329.8	328.6	328.9	328.3	325.0	324.2	325.1	326.2	326.2	327.5	327.3
20°	328.6	327.4	327.7	327.1	323.7	322.9	323.8	324.9	324.9	326.2	326.1
20.5°	327.5	326.2	326.5	325.9	322.4	321.7	322.5	323.6	323.6	325.0	324.8
21°	326.2	324.9	325.2	324.6	321.2	320.3	321.2	322.3	322.3	323.7	323.5



TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	322.4	321.1	321.4	320.7	317.0	316.1	317.0	318.3	318.2	319.7	319.5
23°	321.1	319.7	320.0	319.3	315.5	314.6	315.5	316.8	316.8	318.3	318.1
23.5°	319.8	318.3	318.7	317.9	314.1	313.2	314.0	315.4	315.3	316.9	316.6
24°	318.4	316.9	317.2	316.5	312.7	311.7	312.7	313.9	313.8	315.4	315.1
24.5°	316.9	315.5	315.8	315.1	311.2	310.2	311.1	312.4	312.4	313.9	313.6
25°	315.5	313.9	314.3	313.5	309.6	308.6	309.6	310.9	310.9	312.5	312.2
25.5°	314.1	312.6	312.9	312.1	308.0	307.0	308.0	309.4	309.3	311.0	310.6
26°	312.7	311.1	311.4	310.6	306.4	305.4	306.4	307.8	307.8	309.4	309.1
26.5°	311.1	309.5	309.8	309.1	304.8	303.9	304.8	306.1	306.2	307.8	307.5
27°	309.6	308.0	308.3	307.5	303.2	302.2	303.3	304.5	304.5	306.2	305.9
27.5°	308.1	306.4	306.7	305.9	301.6	300.5	301.6	303.0	303.0	304.6	304.3
28°	306.5	304.8	305.1	304.3	299.9	298.8	299.9	301.4	301.3	303.1	302.7
28.5°	304.9	303.3	303.6	302.8	298.2	297.1	298.2	299.6	299.6	301.4	301.0
29°	303.4	301.6	302.0	301.1	296.5	295.3	296.5	297.9	297.9	299.7	299.3
29.5°	301.7	300.0	300.3	299.4	294.8	293.7	294.8	296.2	296.2	298.0	297.6
30°	300.1	298.3	298.6	297.7	293.0	291.9	293.0	294.5	294.5	296.2	295.8
30.5°	298.4	296.5	296.9	295.9	291.2	290.0	291.2	292.7	292.7	294.5	294.1
31°	296.7	294.9	295.1	294.3	289.4	288.2	289.4	290.9	290.9	292.7	292.3
31.5°	295.0	293.2	293.5	292.5	287.6	286.4	287.5	289.1	289.1	290.9	290.5
32°	293.3	291.4	291.6	290.7	285.9	284.6	285.8	287.2	287.2	289.1	288.7
32.5°	291.5	289.6	289.8	288.9	283.9	282.6	283.8	285.5	285.4	287.2	286.8
33°	289.7	287.7	288.0	287.0	282.0	280.7	281.9	283.6	283.5	285.4	285.0
33.5°	287.9	285.9	286.2	285.3	280.1	278.8	279.9	281.7	281.6	283.5	283.1
34°	286.1	284.1	284.4	283.4	278.1	276.9	278.0	279.7	279.6	281.6	281.2
34.5°	284.3	282.2	282.5	281.4	276.2	274.9	276.1	277.7	277.6	279.6	279.2
35°	282.4	280.3	280.6	279.5	274.3	272.8	274.0	275.8	275.7	277.6	277.2
35.5°	280.5	278.3	278.7	277.6	272.2	270.7	272.0	273.7	273.6	275.6	275.2
36°	278.6	276.5	276.8	275.7	270.1	268.6	269.8	271.6	271.5	273.6	273.1
36.5°	276.7	274.5	274.8	273.7	268.0	266.6	267.8	269.4	269.3	271.5	271.0
37°	274.8	272.5	272.8	271.6	265.9	264.4	265.6	267.4	267.3	269.3	268.8
37.5°	272.7	270.4	270.7	269.5	263.8	262.1	263.4	265.2	265.1	267.3	266.7
38°	270.6	268.3	268.6	267.5	261.6	260.0	261.2	263.1	262.9	265.0	264.5
38.5°	268.5	266.3	266.6	265.4	259.3	257.8	258.9	260.8	260.5	262.8	262.3
39°	266.5	264.1	264.5	263.2	257.2	255.5	256.7	258.6	258.4	260.5	260.0
39.5°	264.3	261.9	262.3	261.0	254.9	253.2	254.4	256.2	256.1	258.3	257.8
40°	262.1	259.7	260.1	258.8	252.6	250.8	252.1	254.0	253.8	256.0	255.5
40.5°	259.9	257.6	258.0	256.6	250.3	248.5	249.7	251.6	251.4	253.7	253.1
41°	257.8	255.4	255.7	254.4	248.1	246.2	247.5	249.4	249.1	251.3	250.8
41.5°	255.5	253.1	253.5	252.0	245.7	243.8	245.1	246.9	246.8	249.1	248.5
42°	253.2	250.8	251.1	249.8	243.3	241.4	242.7	244.6	244.3	246.7	246.1
42.5°	250.9	248.6	249.0	247.5	240.9	239.0	240.3	242.1	241.9	244.3	243.7
43°	248.7	246.3	246.6	245.1	238.6	236.6	237.9	239.8	239.6	241.8	241.2
43.5°	246.4	243.9	244.2	242.8	236.2	234.1	235.4	237.4	237.0	239.4	238.9

TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	239.3	236.8	237.2	235.6	228.8	226.7	227.9	229.9	229.6	231.9	231.4
45.5°	236.8	234.3	234.8	233.2	226.3	224.1	225.4	227.4	227.0	229.5	228.9
46°	234.4	231.9	232.3	230.8	223.7	221.6	222.8	224.7	224.4	226.9	226.3
46.5°	232.0	229.5	229.9	228.3	221.3	219.0	220.2	222.3	222.0	224.3	223.7
47°	229.6	227.0	227.4	225.7	218.7	216.4	217.6	219.6	219.3	221.8	221.2
47.5°	227.0	224.4	224.9	223.2	216.0	213.8	215.0	217.1	216.7	219.2	218.7
48°	224.4	222.0	222.5	220.8	213.5	211.2	212.5	214.4	214.0	216.5	216.0
48.5°	222.0	219.4	219.9	218.2	210.9	208.6	209.7	211.8	211.4	213.8	213.4
49°	219.5	216.9	217.2	215.5	208.2	205.9	207.1	209.1	208.7	211.2	210.6
49.5°	216.9	214.2	214.7	213.0	205.5	203.2	204.3	206.3	206.0	208.5	208.0
50°	214.3	211.7	212.2	210.4	203.0	200.5	201.7	203.7	203.3	205.8	205.3
50.5°	211.8	209.1	209.6	207.8	200.2	197.8	198.9	201.0	200.5	203.1	202.6
51°	209.0	206.4	206.9	205.1	197.5	195.1	196.2	198.2	197.8	200.4	199.8
51.5°	206.4	203.8	204.3	202.5	194.9	192.3	193.5	195.4	195.1	197.7	197.0
52°	203.8	201.1	201.6	199.8	192.0	189.4	190.6	192.7	192.3	194.9	194.2
52.5°	201.1	198.4	198.9	197.0	189.2	186.7	187.8	189.9	189.4	192.0	191.4
53°	198.3	195.7	196.1	194.3	186.5	183.9	185.0	187.0	186.6	189.2	188.5
53.5°	195.6	193.0	193.5	191.7	183.7	181.0	182.2	184.2	183.8	186.4	185.8
54°	192.9	190.2	190.7	188.8	180.8	178.2	179.3	181.3	180.9	183.5	182.8
54.5°	190.1	187.4	187.9	186.1	178.0	175.4	176.5	178.5	178.0	180.6	179.9
55°	187.3	184.7	185.2	183.2	175.2	172.4	173.5	175.7	175.2	177.6	177.1
55.5°	184.6	181.9	182.3	180.4	172.3	169.5	170.6	172.7	172.2	174.9	174.1
56°	181.8	178.9	179.5	177.6	169.3	166.6	167.8	169.7	169.2	171.9	171.2
56.5°	178.9	176.3	176.8	174.8	166.5	163.7	164.8	166.9	166.3	168.9	168.2
57°	176.2	173.4	173.9	171.9	163.6	160.7	161.8	163.8	163.4	166.0	165.3
57.5°	173.3	170.5	171.0	169.0	160.6	157.8	158.9	160.9	160.4	163.1	162.3
58°	170.3	167.7	168.1	166.1	157.8	154.8	156.0	158.0	157.4	160.0	159.3
58.5°	167.5	164.7	165.2	163.3	154.8	151.8	152.9	154.9	154.4	157.1	156.3
59°	164.6	161.8	162.3	160.3	151.8	148.9	149.9	151.9	151.3	154.0	153.2
59.5°	161.6	158.9	159.3	157.5	148.8	145.9	146.9	149.0	148.4	151.0	150.2
60°	158.8	156.0	156.5	154.5	145.9	142.8	143.9	145.9	145.4	148.0	147.3
60.5°	155.8	153.0	153.5	151.5	142.9	139.9	140.9	142.8	142.3	145.0	144.2
61°	152.8	150.1	150.6	148.6	139.9	136.9	138.0	139.9	139.3	141.9	141.1
61.5°	149.8	147.2	147.7	145.5	136.9	133.9	134.9	136.9	136.3	138.9	138.1
62°	146.9	144.1	144.7	142.6	133.9	130.9	131.8	133.8	133.2	135.8	135.0
62.5°	143.9	141.2	141.6	139.6	130.9	127.8	128.9	130.7	130.2	132.7	131.9
63°	140.9	138.2	138.8	136.6	127.9	124.8	125.8	127.7	127.1	129.7	128.9
63.5°	138.0	135.2	135.8	133.6	124.8	121.8	122.8	124.7	124.0	126.6	125.8
64°	135.0	132.2	132.8	130.6	121.8	118.8	119.8	121.7	121.0	123.5	122.7
64.5°	131.9	129.3	129.8	127.6	118.8	115.8	116.7	118.6	117.9	120.5	119.7
65°	128.9	126.1	126.8	124.6	115.8	112.7	113.6	115.5	114.9	117.5	116.6
65.5°	125.9	123.2	123.7	121.5	112.8	109.6	110.7	112.5	111.8	114.3	113.5
66°	122.8	120.3	120.8	118.6	109.7	106.6	107.6	109.4	108.8	111.3	110.5

TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	113.8	111.2	111.8	109.5	100.7	97.7	98.6	100.4	99.7	102.2	101.3
68°	110.8	108.1	108.8	106.5	97.7	94.7	95.5	97.4	96.7	99.1	98.2
68.5°	107.8	105.1	105.7	103.5	94.8	91.8	92.7	94.5	93.8	96.2	95.2
69°	104.8	102.1	102.7	100.5	91.8	88.8	89.7	91.5	90.8	93.2	92.1
69.5°	101.7	99.2	99.8	97.5	88.8	86.0	86.8	88.6	87.9	90.2	89.1
70°	98.7	96.2	96.7	94.6	86.0	83.1	84.0	85.7	85.1	87.2	86.2
70.5°	95.8	93.3	93.9	91.5	83.1	80.1	81.1	82.8	82.1	84.4	83.2
71°	92.9	90.1	90.8	88.6	80.1	77.2	78.2	79.8	79.2	81.4	80.3
71.5°	89.8	87.3	87.8	85.7	77.2	74.4	75.4	77.0	76.4	78.4	77.3
72°	86.9	84.5	85.0	82.7	74.4	71.5	72.5	74.3	73.4	75.6	74.4
72.5°	84.0	81.5	82.0	79.7	71.5	68.7	69.7	71.4	70.5	72.7	71.5
73°	81.1	78.6	79.1	76.9	68.6	65.9	66.9	68.6	67.8	69.7	68.6
73.5°	78.1	75.8	76.3	74.0	65.8	63.1	64.2	65.9	65.0	67.0	65.8
74°	75.3	72.9	73.4	71.1	63.1	60.4	61.4	63.1	62.2	64.1	62.9
74.5°	72.4	69.9	70.5	68.3	60.3	57.8	58.7	60.3	59.5	61.3	60.1
75°	69.5	67.2	67.7	65.5	57.6	55.0	56.0	57.7	56.8	58.6	57.4
75.5°	66.8	64.3	64.9	62.7	54.9	52.3	53.3	55.0	54.1	55.8	54.7
76°	64.0	61.6	62.1	59.9	52.2	49.8	50.7	52.4	51.4	53.2	52.0
76.5°	61.2	58.9	59.3	57.3	49.7	47.2	48.3	49.8	48.9	50.5	49.5
77°	58.5	56.1	56.7	54.6	47.2	44.7	45.7	47.3	46.3	48.0	46.8
77.5°	55.7	53.4	54.0	51.9	44.6	42.2	43.2	44.7	43.7	45.3	44.2
78°	53.1	50.8	51.2	49.4	42.0	39.8	40.8	42.2	41.2	42.8	41.7
78.5°	50.5	48.3	48.7	46.8	39.7	37.4	38.3	39.8	38.8	40.3	39.2
79°	47.9	45.7	46.2	44.3	37.2	35.0	35.9	37.3	36.4	37.9	36.8
79.5°	45.3	43.1	43.6	41.8	34.8	32.6	33.5	35.0	34.0	35.5	34.4
80°	42.8	40.7	41.1	39.4	32.5	30.5	31.4	32.6	31.8	33.1	32.0
80.5°	40.4	38.2	38.6	36.9	30.4	28.2	29.1	30.4	29.4	30.8	29.8
81°	37.9	35.6	36.1	34.7	28.1	26.0	26.9	28.1	27.2	28.5	27.6
81.5°	35.9	33.4	33.8	32.4	25.9	23.9	24.7	25.9	25.0	26.4	25.4
82°	33.5	31.2	31.7	30.3	23.8	22.0	22.7	23.8	22.9	24.2	23.2
82.5°	31.3	29.0	29.5	28.0	21.8	19.9	20.6	21.8	21.0	22.2	21.3
83°	29.0	26.8	27.3	25.8	19.8	18.0	18.7	19.8	18.9	20.1	19.3
83.5°	26.6	24.6	25.0	23.6	17.9	16.1	16.8	17.8	16.9	18.1	17.3
84°	24.4	22.6	22.9	21.6	16.0	14.3	14.9	15.9	15.1	16.2	15.4
84.5°	22.4	20.5	21.0	19.6	14.2	12.6	13.1	14.0	13.3	14.3	13.6
85°	20.3	18.5	18.9	17.6	12.5	11.1	11.4	12.3	11.6	12.7	11.9
85.5°	18.3	16.6	17.0	15.8	11.0	9.6	10.0	10.8	10.2	11.1	10.4
86°	16.4	14.7	15.1	13.9	9.5	8.1	8.6	9.4	8.7	9.6	9.0
86.5°	14.5	13.0	13.4	12.3	8.1	6.6	7.1	7.9	7.2	8.1	7.5
87°	12.8	11.3	11.6	10.6	6.6	5.1	5.7	6.4	5.8	6.6	6.0
87.5°	11.0	9.7	10.1	9.0	5.1	4.0	4.4	4.9	4.4	5.1	4.6
88°	9.4	8.1	8.5	7.5	4.0	3.0	3.3	3.8	3.3	4.0	3.6
88.5°	7.9	6.7	7.0	6.2	3.0	2.2	2.4	2.8	2.5	3.0	2.6



TEST NUMBER: P971891
CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	351.4	351.4	351.4	351.4	351.4	351.4
0.5°	351.6	351.4	351.4	351.5	351.4	351.3
1°	351.6	351.4	351.5	351.5	351.4	351.3
1.5°	351.5	351.4	351.5	351.5	351.4	351.2
2°	351.4	351.4	351.5	351.5	351.3	351.2
2.5°	351.2	351.3	351.5	351.4	351.2	351.1
3°	351.1	351.2	351.4	351.3	351.1	351.0
3.5°	350.9	351.1	351.3	351.2	350.9	350.8
4°	350.6	350.9	351.1	351.1	350.8	350.6
4.5°	350.3	350.7	350.9	350.9	350.5	350.4
5°	350.0	350.5	350.8	350.6	350.3	350.1
5.5°	349.7	350.3	350.5	350.4	350.0	349.8
6°	349.4	350.0	350.3	350.1	349.7	349.6
6.5°	349.0	349.6	350.0	349.8	349.4	349.3
7°	348.6	349.4	349.6	349.6	349.1	348.9
7.5°	348.2	349.0	349.4	349.2	348.7	348.5
8°	347.7	348.6	349.0	348.8	348.3	348.0
8.5°	347.1	348.2	348.6	348.3	347.8	347.6
9°	346.6	347.7	348.1	347.9	347.3	347.1
9.5°	346.0	347.2	347.6	347.4	346.7	346.6
10°	345.4	346.7	347.1	346.8	346.2	346.0
10.5°	344.7	346.1	346.6	346.3	345.6	345.4
11°	344.0	345.5	346.0	345.7	345.0	344.8
11.5°	343.4	344.9	345.4	345.1	344.3	344.1
12°	342.6	344.2	344.8	344.4	343.6	343.5
12.5°	341.8	343.5	344.1	343.7	342.9	342.8
13°	341.1	342.8	343.4	342.9	342.2	342.0
13.5°	340.3	342.0	342.6	342.2	341.4	341.2
14°	339.5	341.2	341.8	341.4	340.6	340.5
14.5°	338.6	340.5	341.1	340.6	339.8	339.7
15°	337.7	339.7	340.3	339.9	339.0	338.8
15.5°	336.7	338.8	339.5	339.0	338.1	337.9
16°	335.7	337.9	338.6	338.1	337.1	337.0
16.5°	334.7	337.0	337.7	337.2	336.2	336.1
17°	333.7	336.0	336.8	336.2	335.3	335.1
17.5°	332.6	335.0	335.8	335.2	334.2	334.1
18°	331.5	334.0	334.8	334.2	333.2	333.1
18.5°	330.4	332.9	333.7	333.2	332.1	331.9
19°	329.3	331.8	332.7	332.1	331.1	331.0
19.5°	328.0	330.8	331.6	331.0	330.0	329.8
20°	326.8	329.6	330.6	329.9	328.8	328.6
20.5°	325.6	328.5	329.4	328.8	327.6	327.5
21°	324.2	327.3	328.2	327.5	326.3	326.2



TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	320.3	323.5	324.5	323.8	322.5	322.4
23°	318.9	322.2	323.1	322.4	321.3	321.1
23.5°	317.4	320.9	321.9	321.2	319.9	319.8
24°	315.9	319.5	320.6	319.7	318.5	318.4
24.5°	314.4	317.9	319.2	318.4	317.1	316.9
25°	313.0	316.5	317.7	317.0	315.6	315.5
25.5°	311.5	315.1	316.3	315.5	314.2	314.1
26°	309.9	313.6	314.7	314.0	312.8	312.7
26.5°	308.4	312.2	313.3	312.7	311.2	311.1
27°	306.8	310.6	311.9	311.2	309.7	309.6
27.5°	305.2	309.1	310.4	309.6	308.2	308.1
28°	303.7	307.5	308.8	308.0	306.6	306.5
28.5°	301.9	305.9	307.2	306.4	305.0	304.9
29°	300.2	304.3	305.6	304.8	303.5	303.4
29.5°	298.5	302.7	304.1	303.3	301.9	301.7
30°	296.8	301.1	302.5	301.6	300.2	300.1
30.5°	295.1	299.3	300.8	299.9	298.5	298.4
31°	293.3	297.6	299.1	298.2	296.8	296.7
31.5°	291.5	295.9	297.4	296.5	295.1	295.0
32°	289.7	294.2	295.7	294.9	293.4	293.3
32.5°	287.9	292.4	294.0	293.1	291.6	291.5
33°	286.0	290.6	292.2	291.4	289.8	289.7
33.5°	284.1	288.8	290.4	289.5	288.0	287.9
34°	282.2	287.0	288.6	287.7	286.2	286.1
34.5°	280.3	285.1	286.8	285.9	284.4	284.3
35°	278.3	283.2	284.9	284.1	282.5	282.4
35.5°	276.3	281.3	283.1	282.1	280.6	280.5
36°	274.3	279.4	281.1	280.3	278.7	278.6
36.5°	272.2	277.4	279.1	278.3	276.8	276.7
37°	270.0	275.4	277.1	276.4	274.8	274.8
37.5°	267.9	273.4	275.2	274.4	272.7	272.7
38°	265.8	271.2	273.2	272.3	270.7	270.6
38.5°	263.6	269.1	271.1	270.2	268.5	268.5
39°	261.3	267.0	269.0	268.1	266.5	266.5
39.5°	259.1	264.9	266.9	266.1	264.4	264.3
40°	256.8	262.6	264.7	263.9	262.2	262.1
40.5°	254.5	260.4	262.4	261.6	260.0	259.9
41°	252.2	258.2	260.2	259.4	257.8	257.8
41.5°	249.8	255.9	258.0	257.2	255.5	255.5
42°	247.5	253.5	255.8	254.9	253.2	253.2
42.5°	245.1	251.3	253.5	252.6	250.9	250.9
43°	242.8	249.0	251.2	250.3	248.7	248.7
43.5°	240.4	246.6	248.9	248.0	246.3	246.4

TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	232.9	239.4	241.7	240.9	239.2	239.3
45.5°	230.5	236.9	239.3	238.5	236.8	236.8
46°	227.8	234.5	236.9	236.0	234.3	234.4
46.5°	225.3	231.9	234.4	233.6	231.9	232.0
47°	222.7	229.5	231.9	231.2	229.5	229.6
47.5°	220.2	226.9	229.5	228.7	227.0	227.0
48°	217.6	224.4	226.9	226.1	224.4	224.4
48.5°	214.9	221.8	224.3	223.5	221.9	222.0
49°	212.3	219.3	221.9	221.1	219.3	219.5
49.5°	209.6	216.7	219.3	218.5	216.7	216.9
50°	206.9	214.0	216.6	215.9	214.1	214.3
50.5°	204.3	211.4	213.9	213.3	211.5	211.8
51°	201.5	208.7	211.3	210.6	208.8	209.0
51.5°	198.7	206.0	208.7	207.9	206.1	206.4
52°	195.9	203.3	205.9	205.2	203.5	203.8
52.5°	193.2	200.6	203.3	202.6	200.8	201.1
53°	190.3	197.8	200.5	199.8	198.1	198.3
53.5°	187.4	195.1	197.8	197.0	195.3	195.6
54°	184.7	192.2	195.1	194.3	192.6	192.9
54.5°	181.8	189.4	192.3	191.5	189.8	190.1
55°	178.8	186.6	189.4	188.7	187.0	187.3
55.5°	176.0	183.8	186.6	186.0	184.2	184.6
56°	173.1	180.8	183.8	183.1	181.4	181.8
56.5°	170.1	178.0	180.9	180.2	178.5	178.9
57°	167.2	175.1	178.0	177.3	175.7	176.2
57.5°	164.1	172.2	175.2	174.5	172.8	173.3
58°	161.1	169.3	172.2	171.5	169.9	170.3
58.5°	158.2	166.4	169.3	168.6	167.0	167.5
59°	155.2	163.3	166.5	165.8	164.0	164.6
59.5°	152.1	160.3	163.5	162.8	161.0	161.6
60°	149.2	157.4	160.4	159.8	158.2	158.8
60.5°	146.1	154.4	157.6	156.9	155.2	155.8
61°	143.1	151.3	154.6	153.9	152.2	152.8
61.5°	140.0	148.4	151.6	150.9	149.3	149.8
62°	136.9	145.4	148.7	148.0	146.3	146.9
62.5°	133.9	142.3	145.6	145.0	143.3	143.9
63°	130.8	139.4	142.5	141.9	140.3	140.9
63.5°	127.8	136.3	139.6	138.9	137.2	138.0
64°	124.6	133.1	136.5	135.9	134.2	135.0
64.5°	121.6	130.2	133.4	132.8	131.2	131.9
65°	118.5	127.1	130.5	129.9	128.2	128.9
65.5°	115.4	124.1	127.4	126.8	125.1	125.9
66°	112.4	121.0	124.3	123.7	122.2	122.8



TEST NUMBER: P971891

CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	103.2	111.8	115.1	114.6	113.0	113.8
68°	100.1	108.7	112.1	111.6	110.0	110.8
68.5°	97.1	105.6	109.1	108.5	106.9	107.8
69°	94.1	102.6	106.0	105.4	103.9	104.8
69.5°	91.1	99.6	103.0	102.5	100.9	101.7
70°	88.0	96.5	100.0	99.5	97.9	98.7
70.5°	85.1	93.6	97.0	96.4	95.0	95.8
71°	82.1	90.5	93.9	93.5	91.9	92.9
71.5°	79.1	87.5	90.9	90.5	88.9	89.8
72°	76.2	84.5	87.9	87.5	86.0	86.9
72.5°	73.3	81.6	85.0	84.5	83.1	84.0
73°	70.3	78.5	82.0	81.6	80.1	81.1
73.5°	67.5	75.7	79.0	78.6	77.2	78.1
74°	64.6	72.7	76.2	75.8	74.3	75.3
74.5°	61.8	69.8	73.3	72.8	71.5	72.4
75°	59.0	67.1	70.4	70.0	68.7	69.5
75.5°	56.3	64.2	67.5	67.2	65.9	66.8
76°	53.6	61.3	64.7	64.3	63.1	64.0
76.5°	50.9	58.6	61.8	61.4	60.3	61.2
77°	48.3	55.8	59.0	58.8	57.7	58.5
77.5°	45.7	53.1	56.3	56.0	55.0	55.7
78°	43.1	50.4	53.6	53.4	52.2	53.1
78.5°	40.7	47.8	50.9	50.7	49.7	50.5
79°	38.2	45.2	48.3	48.1	47.1	47.9
79.5°	35.7	42.6	45.6	45.4	44.6	45.3
80°	33.4	40.1	43.0	42.9	42.0	42.8
80.5°	31.1	37.7	40.5	40.4	39.5	40.4
81°	28.8	35.2	38.0	38.0	37.2	37.9
81.5°	26.5	32.7	35.8	35.9	34.9	35.9
82°	24.4	30.6	33.4	33.5	32.6	33.5
82.5°	22.4	28.4	31.2	31.2	30.4	31.3
83°	20.3	26.2	28.8	28.8	28.1	29.0
83.5°	18.3	24.0	26.4	26.4	25.8	26.6
84°	16.3	21.9	24.2	24.3	23.6	24.4
84.5°	14.4	19.8	22.1	22.2	21.6	22.4
85°	12.7	17.8	20.1	20.2	19.6	20.3
85.5°	11.2	15.9	18.1	18.1	17.6	18.3
86°	9.7	14.0	16.1	16.2	15.6	16.4
86.5°	8.2	12.3	14.1	14.3	13.7	14.5
87°	6.7	10.6	12.5	12.5	12.1	12.8
87.5°	5.1	9.0	10.8	10.8	10.4	11.0
88°	4.0	7.5	9.2	9.2	8.8	9.4
88.5°	3.0	6.1	7.6	7.7	7.3	7.9



TEST NUMBER: P971891
CATALOG NUMBER: RLWZDZC6-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0



Report Generated By 670245859 / DESKTOP-T8S5UU9





— 0°-180° - - 45°-225° - - - - 90°-270° - · - 135°-315°







21.5°	324.9	323.6	324.0	323.3	319.8	318.9	319.9	321.1	321.0	322.4	322.3
22°	323.7	322.3	322.6	322.1	318.4	317.5	318.5	319.7	319.6	321.1	320.9



44°	244.0	241.5	241.9	240.5	233.7	231.6	232.9	234.9	234.6	237.0	236.4
44.5°	241.6	239.2	239.6	238.1	231.3	229.2	230.5	232.3	232.0	234.4	233.8



66.5°	119.9	117.2	117.8	115.5	106.7	103.7	104.6	106.4	105.7	108.3	107.4
67°	116.8	114.0	114.8	112.6	103.8	100.7	101.6	103.5	102.8	105.2	104.4



89°	6.5	5.4	5.7	4.9	2.2	1.6	1.8	2.1	1.8	2.2	1.9
89.5°	5.1	4.3	4.5	3.8	1.6	1.0	1.2	1.4	1.1	1.5	1.3





21.5°	322.9	326.1	327.0	326.3	325.1	324.9
22°	321.7	324.7	325.8	325.0	323.8	323.7



44°	237.9	244.2	246.5	245.7	244.0	244.0
44.5°	235.4	241.8	244.1	243.3	241.6	241.6



66.5°	109.3	117.9	121.3	120.7	119.1	119.9
67°	106.2	114.8	118.2	117.7	116.0	116.8



89°	2.2	4.8	6.3	6.3	5.9	6.5
89.5°	1.5	3.7	4.9	4.9	4.6	5.1



(END OF REPORT)