

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: P971890

Luminaire Tested: RLWZDZC6-3000K

Issue Date: 2/18/2025

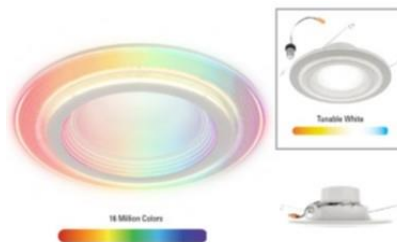
Test Information

Test Method: LM-79-2019
Report Number: P971890
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: RLWZDZC6-3000K
Description: RLDZ6" Canless 1000lm, WiZ RGBW, 120V, WH, with NIGHTLIGHT
Light Source: WiZ RGBW CONTROLLED 90CRI / 3000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 985.0 lumens
Efficiency: N/A
Efficacy: 90.4 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

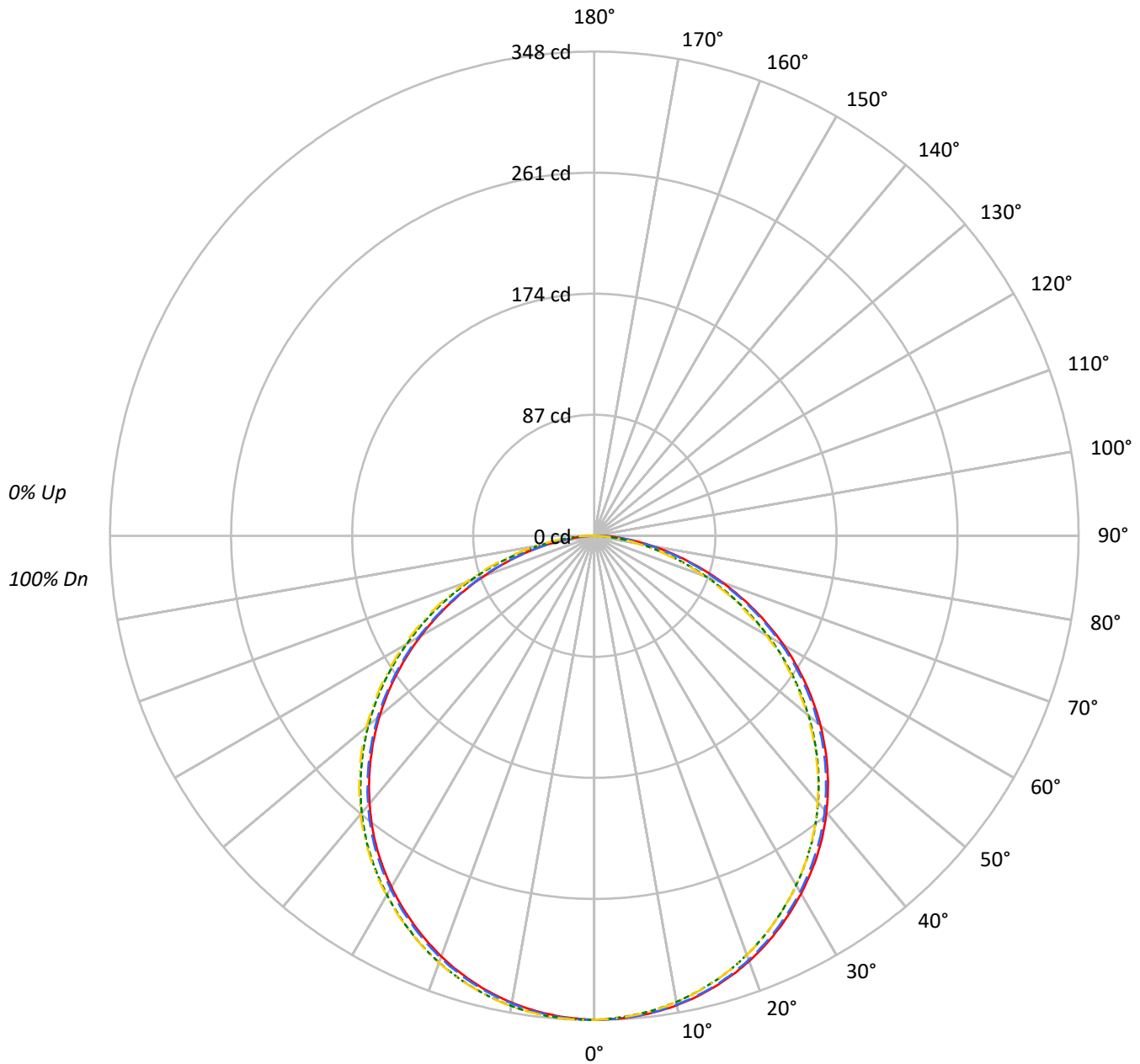
Input Watts (W): 10.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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CATALOG NUMBER: RLWZDZC6-3000K

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					0
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°	19072	19072	19072	19072
5°	19073	19013	19024	19095
10°	19066	18938	18965	19105
15°	19035	18831	18882	19081
20°	18977	18697	18767	19036
25°	18896	18539	18618	18951
30°	18807	18357	18452	18870
35°	18712	18170	18263	18759
40°	18571	17898	17984	18606
45°	18366	17560	17622	18374
50°	18097	17134	17159	18072
55°	17729	16573	16573	17662
60°	17235	15832	15777	17082
65°	16552	14878	14762	16318
70°	15660	13640	13496	15323
75°	14572	12073	11904	14064
80°	13386	10165	9913	12533
85°	12643	7737	7233	11070

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 89.5°

Luminance: 32038 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.9	3.3
10°-20°	94.3	9.6
20°-30°	142.9	14.5
30°-40°	172.7	17.5
40°-50°	178.8	18.2
50°-60°	160.1	16.3
60°-70°	119.2	12.1
70°-80°	66.0	6.7
80°-90°	18.1	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°	270.1	27.4
0°-40°	442.8	45.0
0°-60°	781.7	79.4
0°-90°	985.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	985.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	348	348	348	348	348	
5°	347	346	346	347	347	33
15°	335	332	333	336	335	95
25°	312	306	308	313	312	144
35°	280	272	273	280	280	175
45°	237	226	227	237	237	183
55°	186	173	173	185	186	166
65°	128	115	114	126	128	126
75°	69	57	56	66	69	73
85°	20	12	12	18	20	23
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	347.9	347.9	347.9	347.9	347.9	347.9	347.9	347.9	347.9	347.9	347.9
0.5°	347.8	347.8	347.9	348.1	347.7	347.7	347.8	347.8	347.7	347.8	347.9
1°	347.8	347.7	347.9	348.0	347.6	347.6	347.7	347.7	347.6	347.7	347.9
1.5°	347.7	347.7	347.8	348.0	347.4	347.4	347.5	347.6	347.5	347.6	347.8
2°	347.7	347.6	347.7	347.9	347.2	347.2	347.4	347.4	347.3	347.5	347.6
2.5°	347.6	347.4	347.6	347.7	347.0	346.9	347.1	347.2	347.1	347.3	347.5
3°	347.5	347.3	347.5	347.6	346.8	346.7	346.9	347.0	346.9	347.2	347.3
3.5°	347.3	347.1	347.3	347.4	346.4	346.4	346.6	346.8	346.6	347.0	347.1
4°	347.1	346.8	347.1	347.1	346.1	346.0	346.3	346.5	346.4	346.7	346.8
4.5°	346.9	346.6	346.8	346.8	345.8	345.7	346.0	346.2	346.1	346.4	346.5
5°	346.6	346.3	346.5	346.6	345.5	345.4	345.6	345.8	345.7	346.1	346.2
5.5°	346.3	346.0	346.2	346.2	345.1	345.0	345.3	345.4	345.4	345.8	345.9
6°	346.0	345.6	345.9	345.9	344.7	344.5	344.9	345.1	345.0	345.4	345.4
6.5°	345.7	345.4	345.5	345.5	344.2	344.0	344.4	344.7	344.6	345.1	345.1
7°	345.4	345.0	345.2	345.1	343.7	343.5	343.9	344.2	344.1	344.7	344.7
7.5°	345.0	344.5	344.7	344.7	343.2	342.9	343.3	343.7	343.6	344.2	344.3
8°	344.5	344.0	344.3	344.2	342.6	342.3	342.7	343.2	343.1	343.7	343.7
8.5°	344.1	343.5	343.8	343.7	342.0	341.7	342.2	342.6	342.6	343.2	343.2
9°	343.6	343.0	343.3	343.1	341.4	341.1	341.5	342.0	342.0	342.6	342.7
9.5°	343.1	342.5	342.7	342.5	340.8	340.5	340.9	341.4	341.4	342.1	342.1
10°	342.5	341.9	342.1	341.9	340.2	339.8	340.3	340.7	340.7	341.4	341.4
10.5°	341.9	341.3	341.5	341.3	339.5	339.1	339.6	340.2	340.1	340.8	340.7
11°	341.3	340.7	340.8	340.7	338.7	338.3	338.8	339.4	339.4	340.2	340.1
11.5°	340.7	340.0	340.3	340.0	338.0	337.5	338.1	338.7	338.7	339.5	339.4
12°	340.1	339.3	339.6	339.3	337.2	336.7	337.3	337.9	337.9	338.7	338.7
12.5°	339.4	338.6	338.8	338.5	336.3	335.9	336.4	337.2	337.1	338.0	337.9
13°	338.6	337.8	338.0	337.8	335.6	335.0	335.7	336.3	336.2	337.1	337.1
13.5°	337.8	337.0	337.3	336.9	334.6	334.1	334.8	335.5	335.5	336.3	336.3
14°	337.0	336.1	336.4	336.1	333.7	333.2	333.8	334.6	334.6	335.5	335.5
14.5°	336.2	335.4	335.7	335.3	332.7	332.2	332.9	333.7	333.6	334.7	334.6
15°	335.4	334.5	334.8	334.4	331.8	331.3	331.9	332.7	332.7	333.7	333.6
15.5°	334.5	333.5	333.9	333.4	330.9	330.3	331.0	331.7	331.7	332.8	332.7
16°	333.6	332.6	332.9	332.5	329.9	329.2	329.9	330.8	330.8	331.8	331.7
16.5°	332.7	331.6	331.9	331.5	328.7	328.1	328.8	329.8	329.7	330.9	330.8
17°	331.7	330.7	331.0	330.5	327.6	327.0	327.7	328.7	328.6	329.8	329.8
17.5°	330.8	329.6	329.9	329.5	326.6	325.9	326.6	327.6	327.5	328.8	328.6
18°	329.8	328.5	328.9	328.4	325.4	324.7	325.5	326.5	326.5	327.6	327.5
18.5°	328.6	327.4	327.7	327.3	324.2	323.4	324.3	325.3	325.3	326.6	326.5
19°	327.6	326.4	326.6	326.2	323.0	322.2	323.1	324.1	324.1	325.4	325.3
19.5°	326.5	325.3	325.6	325.0	321.8	321.0	321.9	322.9	322.9	324.2	324.0
20°	325.3	324.1	324.4	323.8	320.5	319.7	320.6	321.7	321.7	322.9	322.8
20.5°	324.2	322.9	323.2	322.6	319.2	318.4	319.3	320.4	320.4	321.8	321.6
21°	322.9	321.7	321.9	321.4	317.9	317.1	317.9	319.1	319.0	320.5	320.3

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CATALOG NUMBER: RLWZDZC6-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	319.2	317.8	318.1	317.4	313.8	312.9	313.8	315.1	315.0	316.5	316.3
23°	317.8	316.5	316.8	316.1	312.4	311.5	312.4	313.6	313.6	315.1	314.9
23.5°	316.6	315.1	315.5	314.7	311.0	310.0	310.9	312.3	312.2	313.7	313.4
24°	315.2	313.7	314.0	313.3	309.5	308.5	309.5	310.8	310.7	312.3	312.0
24.5°	313.7	312.4	312.6	312.0	308.0	307.1	307.9	309.2	309.2	310.8	310.5
25°	312.4	310.8	311.2	310.4	306.5	305.5	306.5	307.8	307.8	309.3	309.0
25.5°	311.0	309.4	309.7	308.9	304.9	303.9	304.9	306.3	306.2	307.8	307.5
26°	309.5	307.9	308.2	307.5	303.3	302.4	303.3	304.7	304.7	306.3	306.0
26.5°	307.9	306.4	306.7	306.0	301.8	300.8	301.8	303.1	303.1	304.7	304.4
27°	306.5	304.9	305.2	304.4	300.1	299.1	300.2	301.5	301.5	303.1	302.9
27.5°	305.0	303.3	303.6	302.9	298.5	297.5	298.5	299.9	299.9	301.6	301.3
28°	303.4	301.8	302.1	301.3	296.9	295.8	296.9	298.4	298.3	300.0	299.6
28.5°	301.9	300.2	300.5	299.7	295.2	294.1	295.2	296.6	296.6	298.4	298.0
29°	300.3	298.5	298.9	298.1	293.6	292.4	293.6	294.9	294.9	296.7	296.3
29.5°	298.6	297.0	297.3	296.4	291.8	290.7	291.8	293.3	293.3	295.0	294.6
30°	297.1	295.3	295.6	294.7	290.0	289.0	290.0	291.5	291.5	293.3	292.9
30.5°	295.4	293.6	293.9	293.0	288.3	287.1	288.3	289.7	289.7	291.5	291.1
31°	293.7	291.9	292.2	291.3	286.5	285.3	286.5	288.0	288.0	289.7	289.3
31.5°	292.0	290.2	290.5	289.5	284.7	283.6	284.6	286.2	286.2	288.0	287.6
32°	290.3	288.5	288.7	287.8	283.0	281.7	282.9	284.3	284.3	286.2	285.8
32.5°	288.6	286.7	286.9	286.0	281.0	279.7	280.9	282.6	282.5	284.3	284.0
33°	286.8	284.8	285.1	284.2	279.2	277.9	279.1	280.7	280.6	282.5	282.1
33.5°	285.0	283.0	283.4	282.4	277.3	276.0	277.1	278.9	278.8	280.6	280.2
34°	283.3	281.2	281.5	280.5	275.3	274.1	275.2	276.9	276.8	278.8	278.4
34.5°	281.4	279.4	279.6	278.6	273.4	272.1	273.3	274.9	274.9	276.8	276.4
35°	279.6	277.5	277.8	276.7	271.5	270.1	271.2	273.0	272.9	274.9	274.5
35.5°	277.7	275.5	275.9	274.9	269.5	268.0	269.3	270.9	270.8	272.8	272.4
36°	275.8	273.7	274.0	272.9	267.4	265.9	267.1	268.9	268.8	270.8	270.3
36.5°	273.9	271.7	272.0	270.9	265.4	263.9	265.1	266.7	266.6	268.8	268.3
37°	272.0	269.8	270.1	268.9	263.2	261.7	262.9	264.7	264.6	266.6	266.1
37.5°	270.0	267.7	268.0	266.8	261.1	259.5	260.8	262.5	262.4	264.6	264.0
38°	267.9	265.6	265.9	264.8	259.0	257.4	258.6	260.5	260.3	262.3	261.8
38.5°	265.8	263.6	263.9	262.7	256.7	255.2	256.3	258.2	257.9	260.2	259.7
39°	263.8	261.4	261.8	260.6	254.6	252.9	254.1	256.0	255.8	257.9	257.4
39.5°	261.6	259.3	259.7	258.4	252.3	250.7	251.8	253.6	253.5	255.7	255.2
40°	259.5	257.1	257.5	256.2	250.1	248.3	249.6	251.4	251.3	253.4	252.9
40.5°	257.3	255.0	255.4	254.0	247.8	246.0	247.2	249.1	248.9	251.2	250.6
41°	255.2	252.8	253.1	251.8	245.6	243.7	245.0	246.8	246.6	248.8	248.3
41.5°	252.9	250.6	251.0	249.5	243.2	241.4	242.6	244.4	244.3	246.6	246.0
42°	250.7	248.3	248.6	247.3	240.9	239.0	240.3	242.1	241.9	244.2	243.6
42.5°	248.4	246.1	246.5	245.0	238.5	236.6	237.8	239.7	239.5	241.9	241.3
43°	246.2	243.8	244.1	242.6	236.2	234.2	235.5	237.3	237.2	239.4	238.8
43.5°	243.9	241.5	241.8	240.4	233.8	231.8	233.0	235.0	234.6	237.0	236.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	236.9	234.4	234.8	233.2	226.5	224.4	225.6	227.6	227.3	229.6	229.0
45.5°	234.4	232.0	232.5	230.9	224.0	221.9	223.2	225.1	224.7	227.2	226.6
46°	232.1	229.6	230.0	228.4	221.5	219.3	220.6	222.5	222.2	224.6	224.0
46.5°	229.7	227.2	227.6	226.0	219.0	216.8	218.0	220.0	219.7	222.1	221.5
47°	227.3	224.7	225.1	223.4	216.5	214.2	215.4	217.4	217.1	219.5	218.9
47.5°	224.7	222.2	222.7	221.0	213.8	211.7	212.9	214.9	214.5	217.0	216.5
48°	222.2	219.7	220.2	218.5	211.4	209.1	210.3	212.3	211.9	214.3	213.8
48.5°	219.7	217.2	217.7	216.0	208.8	206.5	207.6	209.6	209.2	211.7	211.2
49°	217.3	214.7	215.0	213.4	206.1	203.9	205.0	207.0	206.6	209.1	208.5
49.5°	214.7	212.1	212.6	210.8	203.5	201.1	202.3	204.3	204.0	206.4	205.9
50°	212.2	209.5	210.0	208.3	200.9	198.5	199.7	201.6	201.2	203.8	203.3
50.5°	209.6	207.0	207.5	205.7	198.2	195.8	196.9	199.0	198.5	201.0	200.5
51°	206.9	204.4	204.8	203.1	195.5	193.1	194.3	196.2	195.8	198.4	197.8
51.5°	204.4	201.7	202.2	200.4	192.9	190.3	191.5	193.5	193.1	195.7	195.0
52°	201.7	199.1	199.6	197.8	190.1	187.5	188.7	190.7	190.3	192.9	192.2
52.5°	199.1	196.4	196.9	195.0	187.3	184.9	185.9	188.0	187.5	190.1	189.5
53°	196.3	193.8	194.2	192.3	184.7	182.0	183.1	185.2	184.8	187.3	186.6
53.5°	193.7	191.0	191.5	189.8	181.8	179.2	180.4	182.3	181.9	184.6	183.9
54°	190.9	188.3	188.8	186.9	179.0	176.4	177.5	179.5	179.1	181.6	180.9
54.5°	188.2	185.6	186.0	184.2	176.2	173.6	174.7	176.7	176.2	178.8	178.1
55°	185.5	182.8	183.3	181.3	173.4	170.7	171.7	173.9	173.4	175.9	175.3
55.5°	182.7	180.1	180.5	178.6	170.6	167.8	168.9	171.0	170.5	173.1	172.3
56°	180.0	177.1	177.7	175.9	167.6	164.9	166.1	168.0	167.5	170.2	169.5
56.5°	177.1	174.5	175.0	173.0	164.8	162.1	163.1	165.2	164.6	167.2	166.6
57°	174.4	171.6	172.1	170.2	162.0	159.1	160.2	162.1	161.8	164.3	163.6
57.5°	171.5	168.8	169.3	167.3	159.0	156.2	157.3	159.3	158.8	161.5	160.7
58°	168.6	166.0	166.5	164.4	156.2	153.2	154.4	156.4	155.8	158.4	157.7
58.5°	165.8	163.0	163.5	161.7	153.2	150.3	151.4	153.3	152.8	155.5	154.7
59°	162.9	160.2	160.7	158.7	150.3	147.4	148.4	150.4	149.8	152.5	151.7
59.5°	160.0	157.4	157.7	155.9	147.3	144.4	145.4	147.5	146.9	149.5	148.7
60°	157.2	154.4	154.9	152.9	144.4	141.4	142.5	144.4	143.9	146.5	145.8
60.5°	154.2	151.5	152.0	150.0	141.5	138.5	139.5	141.4	140.9	143.5	142.8
61°	151.3	148.6	149.1	147.1	138.5	135.5	136.6	138.5	137.9	140.5	139.7
61.5°	148.3	145.7	146.2	144.0	135.5	132.6	133.6	135.5	134.9	137.5	136.7
62°	145.4	142.7	143.3	141.2	132.6	129.5	130.5	132.5	131.9	134.4	133.7
62.5°	142.5	139.8	140.2	138.2	129.5	126.5	127.6	129.3	128.9	131.4	130.6
63°	139.5	136.8	137.4	135.2	126.6	123.6	124.5	126.4	125.8	128.4	127.6
63.5°	136.6	133.9	134.4	132.3	123.6	120.5	121.6	123.5	122.8	125.3	124.5
64°	133.7	130.9	131.5	129.2	120.5	117.6	118.6	120.4	119.8	122.3	121.5
64.5°	130.6	128.0	128.5	126.3	117.6	114.7	115.5	117.4	116.7	119.3	118.5
65°	127.6	124.8	125.5	123.4	114.7	111.5	112.5	114.4	113.8	116.3	115.4
65.5°	124.6	122.0	122.5	120.2	111.6	108.5	109.6	111.3	110.6	113.2	112.4
66°	121.6	119.1	119.6	117.4	108.6	105.6	106.5	108.3	107.7	110.2	109.4

TEST NUMBER: P971890

CATALOG NUMBER: RLWZDZC6-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	112.7	110.1	110.6	108.4	99.7	96.7	97.6	99.4	98.7	101.1	100.3
68°	109.7	107.0	107.7	105.5	96.7	93.7	94.6	96.4	95.8	98.1	97.2
68.5°	106.7	104.1	104.7	102.4	93.8	90.9	91.7	93.5	92.8	95.3	94.2
69°	103.8	101.0	101.6	99.5	90.9	87.9	88.8	90.6	89.9	92.2	91.2
69.5°	100.7	98.2	98.8	96.5	87.9	85.1	86.0	87.7	87.0	89.3	88.2
70°	97.7	95.3	95.8	93.6	85.1	82.2	83.1	84.8	84.2	86.4	85.3
70.5°	94.9	92.3	92.9	90.6	82.2	79.3	80.3	82.0	81.3	83.5	82.3
71°	91.9	89.2	89.9	87.7	79.3	76.5	77.5	79.0	78.4	80.6	79.5
71.5°	88.9	86.5	86.9	84.8	76.5	73.6	74.6	76.2	75.6	77.6	76.6
72°	86.1	83.6	84.1	81.9	73.6	70.8	71.8	73.5	72.7	74.8	73.6
72.5°	83.1	80.7	81.2	78.9	70.8	68.1	69.0	70.7	69.8	72.0	70.8
73°	80.3	77.8	78.3	76.1	68.0	65.2	66.2	68.0	67.1	69.0	68.0
73.5°	77.4	75.0	75.5	73.2	65.1	62.5	63.5	65.2	64.3	66.3	65.1
74°	74.5	72.2	72.7	70.4	62.5	59.8	60.8	62.5	61.6	63.4	62.3
74.5°	71.7	69.2	69.8	67.7	59.7	57.2	58.1	59.7	58.9	60.7	59.5
75°	68.8	66.5	67.0	64.8	57.0	54.4	55.4	57.1	56.2	58.0	56.8
75.5°	66.1	63.6	64.2	62.1	54.3	51.8	52.8	54.4	53.6	55.2	54.1
76°	63.4	61.0	61.5	59.3	51.7	49.3	50.2	51.9	50.9	52.7	51.5
76.5°	60.6	58.3	58.7	56.7	49.2	46.7	47.8	49.3	48.4	50.0	49.0
77°	57.9	55.5	56.1	54.0	46.7	44.3	45.2	46.8	45.8	47.5	46.3
77.5°	55.1	52.9	53.5	51.4	44.2	41.8	42.8	44.3	43.3	44.8	43.8
78°	52.6	50.3	50.7	48.9	41.6	39.4	40.3	41.8	40.8	42.4	41.3
78.5°	50.0	47.8	48.2	46.3	39.3	37.0	37.9	39.4	38.4	39.9	38.8
79°	47.4	45.2	45.7	43.9	36.8	34.7	35.5	36.9	36.0	37.5	36.4
79.5°	44.8	42.7	43.2	41.4	34.5	32.3	33.2	34.7	33.7	35.2	34.1
80°	42.4	40.2	40.7	39.0	32.2	30.2	31.0	32.3	31.4	32.8	31.7
80.5°	39.9	37.8	38.2	36.5	30.1	27.9	28.8	30.1	29.1	30.5	29.5
81°	37.5	35.2	35.7	34.4	27.8	25.8	26.6	27.8	26.9	28.2	27.3
81.5°	35.5	33.1	33.5	32.1	25.7	23.7	24.5	25.7	24.8	26.1	25.2
82°	33.2	30.8	31.3	30.0	23.6	21.7	22.4	23.6	22.7	24.0	23.0
82.5°	30.9	28.7	29.2	27.7	21.5	19.7	20.4	21.5	20.8	21.9	21.1
83°	28.7	26.5	27.0	25.6	19.6	17.8	18.5	19.6	18.7	19.9	19.1
83.5°	26.3	24.4	24.8	23.4	17.7	16.0	16.6	17.6	16.7	17.9	17.1
84°	24.2	22.3	22.7	21.3	15.9	14.2	14.8	15.8	15.0	16.1	15.3
84.5°	22.1	20.3	20.8	19.4	14.1	12.4	12.9	13.9	13.1	14.2	13.5
85°	20.1	18.3	18.7	17.4	12.3	11.0	11.3	12.1	11.5	12.5	11.7
85.5°	18.1	16.4	16.8	15.7	10.9	9.5	9.9	10.7	10.1	11.0	10.3
86°	16.3	14.6	15.0	13.8	9.4	8.0	8.5	9.3	8.6	9.5	8.9
86.5°	14.4	12.8	13.2	12.1	8.0	6.6	7.0	7.8	7.1	8.0	7.4
87°	12.6	11.2	11.5	10.5	6.6	5.1	5.7	6.4	5.8	6.6	6.0
87.5°	10.9	9.6	10.0	8.9	5.1	3.9	4.3	4.9	4.3	5.1	4.6
88°	9.3	8.0	8.4	7.4	3.9	2.9	3.2	3.7	3.2	3.9	3.5
88.5°	7.8	6.7	7.0	6.2	2.9	2.2	2.3	2.7	2.4	2.9	2.5



TEST NUMBER: P971890
CATALOG NUMBER: RLWZDZC6-3000K

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: P971890

CATALOG NUMBER: RLWZDZC6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	347.9	347.9	347.9	347.9	347.9	347.9
0.5°	348.1	347.9	347.9	348.0	347.9	347.8
1°	348.1	347.9	348.0	348.0	347.9	347.8
1.5°	348.0	347.9	348.0	348.0	347.9	347.7
2°	347.9	347.9	348.0	348.0	347.8	347.7
2.5°	347.7	347.8	348.0	347.9	347.7	347.6
3°	347.6	347.7	347.9	347.8	347.6	347.5
3.5°	347.4	347.6	347.8	347.7	347.4	347.3
4°	347.1	347.4	347.6	347.6	347.3	347.1
4.5°	346.8	347.2	347.4	347.4	347.0	346.9
5°	346.5	347.0	347.3	347.1	346.8	346.6
5.5°	346.2	346.8	347.0	346.9	346.5	346.3
6°	345.8	346.5	346.8	346.6	346.2	346.0
6.5°	345.4	346.1	346.5	346.3	345.8	345.7
7°	345.1	345.8	346.1	346.0	345.5	345.4
7.5°	344.7	345.4	345.8	345.6	345.2	345.0
8°	344.2	345.1	345.4	345.3	344.8	344.5
8.5°	343.6	344.7	345.1	344.8	344.3	344.1
9°	343.1	344.2	344.6	344.4	343.8	343.6
9.5°	342.5	343.7	344.1	343.9	343.2	343.1
10°	341.9	343.2	343.6	343.3	342.7	342.5
10.5°	341.2	342.6	343.1	342.8	342.1	341.9
11°	340.6	342.0	342.5	342.2	341.5	341.3
11.5°	340.0	341.4	341.9	341.6	340.8	340.7
12°	339.2	340.7	341.3	340.9	340.2	340.1
12.5°	338.4	340.1	340.7	340.3	339.5	339.4
13°	337.7	339.4	340.0	339.5	338.8	338.6
13.5°	336.8	338.6	339.2	338.8	338.0	337.8
14°	336.0	337.8	338.4	338.0	337.2	337.0
14.5°	335.2	337.0	337.7	337.2	336.3	336.2
15°	334.3	336.2	336.8	336.4	335.6	335.4
15.5°	333.3	335.4	336.0	335.6	334.7	334.5
16°	332.3	334.5	335.2	334.7	333.7	333.6
16.5°	331.3	333.6	334.3	333.8	332.8	332.7
17°	330.4	332.6	333.4	332.8	331.9	331.7
17.5°	329.3	331.6	332.4	331.8	330.9	330.8
18°	328.2	330.7	331.4	330.9	329.9	329.8
18.5°	327.0	329.6	330.4	329.9	328.8	328.6
19°	326.0	328.5	329.4	328.8	327.7	327.6
19.5°	324.7	327.4	328.3	327.6	326.6	326.5
20°	323.5	326.3	327.2	326.6	325.5	325.3
20.5°	322.3	325.2	326.1	325.5	324.3	324.2
21°	321.0	324.0	324.9	324.2	323.0	322.9



TEST NUMBER: P971890

CATALOG NUMBER: RLWZDZC6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	317.1	320.3	321.3	320.6	319.3	319.2
23°	315.7	318.9	319.9	319.2	318.0	317.8
23.5°	314.2	317.6	318.6	317.9	316.7	316.6
24°	312.7	316.3	317.3	316.5	315.3	315.2
24.5°	311.3	314.7	316.0	315.2	313.9	313.7
25°	309.8	313.3	314.5	313.8	312.5	312.4
25.5°	308.3	312.0	313.1	312.4	311.1	311.0
26°	306.8	310.5	311.6	310.9	309.6	309.5
26.5°	305.3	309.0	310.2	309.5	308.0	307.9
27°	303.7	307.5	308.7	308.0	306.6	306.5
27.5°	302.2	306.0	307.3	306.5	305.1	305.0
28°	300.6	304.4	305.7	304.9	303.5	303.4
28.5°	298.8	302.9	304.1	303.3	302.0	301.9
29°	297.2	301.3	302.6	301.8	300.4	300.3
29.5°	295.5	299.6	301.0	300.2	298.8	298.6
30°	293.8	298.1	299.4	298.5	297.2	297.1
30.5°	292.1	296.3	297.8	296.9	295.5	295.4
31°	290.3	294.6	296.1	295.2	293.8	293.7
31.5°	288.6	293.0	294.4	293.6	292.2	292.0
32°	286.8	291.2	292.8	291.9	290.4	290.3
32.5°	285.0	289.4	291.0	290.1	288.7	288.6
33°	283.1	287.7	289.2	288.5	286.9	286.8
33.5°	281.2	285.9	287.5	286.6	285.1	285.0
34°	279.4	284.2	285.7	284.8	283.4	283.3
34.5°	277.5	282.2	284.0	283.0	281.5	281.4
35°	275.5	280.3	282.0	281.2	279.6	279.6
35.5°	273.5	278.5	280.2	279.3	277.8	277.7
36°	271.5	276.6	278.3	277.5	275.9	275.8
36.5°	269.5	274.7	276.3	275.5	274.0	273.9
37°	267.3	272.6	274.4	273.6	272.0	272.0
37.5°	265.3	270.6	272.4	271.6	270.0	270.0
38°	263.1	268.5	270.4	269.6	268.0	267.9
38.5°	260.9	266.4	268.4	267.5	265.8	265.8
39°	258.7	264.3	266.3	265.5	263.8	263.8
39.5°	256.5	262.2	264.2	263.4	261.7	261.6
40°	254.2	260.0	262.0	261.2	259.6	259.5
40.5°	251.9	257.8	259.8	259.0	257.4	257.3
41°	249.7	255.6	257.6	256.8	255.2	255.2
41.5°	247.3	253.3	255.4	254.6	252.9	252.9
42°	245.0	251.0	253.2	252.3	250.7	250.7
42.5°	242.6	248.8	251.0	250.1	248.4	248.4
43°	240.4	246.5	248.7	247.8	246.2	246.2
43.5°	237.9	244.1	246.4	245.5	243.8	243.9



TEST NUMBER: P971890

CATALOG NUMBER: RLWZDZC6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	230.6	237.0	239.3	238.5	236.8	236.9
45.5°	228.1	234.5	236.9	236.1	234.4	234.4
46°	225.5	232.2	234.5	233.6	232.0	232.1
46.5°	223.1	229.6	232.1	231.3	229.6	229.7
47°	220.5	227.2	229.6	228.8	227.2	227.3
47.5°	218.0	224.6	227.2	226.4	224.7	224.7
48°	215.4	222.2	224.6	223.8	222.2	222.2
48.5°	212.8	219.5	222.1	221.3	219.6	219.7
49°	210.1	217.1	219.6	218.8	217.1	217.3
49.5°	207.5	214.5	217.1	216.3	214.5	214.7
50°	204.8	211.9	214.4	213.8	212.0	212.2
50.5°	202.2	209.2	211.8	211.1	209.3	209.6
51°	199.5	206.6	209.1	208.5	206.7	206.9
51.5°	196.7	204.0	206.6	205.8	204.1	204.4
52°	194.0	201.2	203.9	203.2	201.4	201.7
52.5°	191.2	198.6	201.2	200.5	198.8	199.1
53°	188.4	195.8	198.5	197.8	196.1	196.3
53.5°	185.6	193.1	195.8	195.0	193.4	193.7
54°	182.8	190.3	193.1	192.3	190.6	190.9
54.5°	180.0	187.5	190.3	189.6	187.9	188.2
55°	177.0	184.8	187.5	186.8	185.2	185.5
55.5°	174.2	181.9	184.8	184.1	182.3	182.7
56°	171.4	179.0	181.9	181.2	179.6	180.0
56.5°	168.4	176.2	179.1	178.4	176.7	177.1
57°	165.5	173.3	176.2	175.6	173.9	174.4
57.5°	162.4	170.5	173.4	172.7	171.1	171.5
58°	159.5	167.6	170.5	169.8	168.2	168.6
58.5°	156.6	164.7	167.6	166.9	165.3	165.8
59°	153.6	161.7	164.8	164.1	162.3	162.9
59.5°	150.6	158.7	161.9	161.2	159.4	160.0
60°	147.7	155.8	158.8	158.2	156.6	157.2
60.5°	144.6	152.8	156.0	155.3	153.6	154.2
61°	141.7	149.8	153.0	152.4	150.7	151.3
61.5°	138.6	146.9	150.1	149.4	147.8	148.3
62°	135.5	143.9	147.2	146.5	144.8	145.4
62.5°	132.6	140.9	144.1	143.5	141.9	142.5
63°	129.4	138.0	141.1	140.5	138.8	139.5
63.5°	126.5	134.9	138.2	137.5	135.8	136.6
64°	123.4	131.8	135.1	134.5	132.9	133.7
64.5°	120.3	128.9	132.1	131.5	129.8	130.6
65°	117.3	125.8	129.2	128.6	126.9	127.6
65.5°	114.3	122.9	126.1	125.5	123.9	124.6
66°	111.2	119.8	123.1	122.5	120.9	121.6



TEST NUMBER: P971890

CATALOG NUMBER: RLWZDZC6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	102.1	110.6	114.0	113.5	111.8	112.7
68°	99.1	107.6	110.9	110.4	108.9	109.7
68.5°	96.2	104.6	108.0	107.4	105.8	106.7
69°	93.1	101.5	105.0	104.4	102.8	103.8
69.5°	90.2	98.6	101.9	101.4	99.9	100.7
70°	87.1	95.6	99.0	98.5	96.9	97.7
70.5°	84.2	92.6	96.1	95.5	94.0	94.9
71°	81.3	89.6	92.9	92.5	91.0	91.9
71.5°	78.3	86.7	90.0	89.6	88.0	88.9
72°	75.4	83.6	87.0	86.7	85.1	86.1
72.5°	72.6	80.8	84.1	83.6	82.2	83.1
73°	69.6	77.7	81.2	80.8	79.3	80.3
73.5°	66.8	74.9	78.2	77.8	76.5	77.4
74°	63.9	72.0	75.4	75.0	73.5	74.5
74.5°	61.2	69.1	72.6	72.1	70.8	71.7
75°	58.5	66.4	69.7	69.3	68.1	68.8
75.5°	55.7	63.5	66.8	66.5	65.2	66.1
76°	53.1	60.7	64.0	63.6	62.5	63.4
76.5°	50.4	58.0	61.2	60.8	59.7	60.6
77°	47.8	55.2	58.5	58.2	57.1	57.9
77.5°	45.2	52.6	55.7	55.4	54.4	55.1
78°	42.7	49.9	53.1	52.9	51.7	52.6
78.5°	40.2	47.3	50.4	50.2	49.2	50.0
79°	37.8	44.7	47.8	47.6	46.6	47.4
79.5°	35.3	42.2	45.1	44.9	44.2	44.8
80°	33.1	39.7	42.6	42.5	41.6	42.4
80.5°	30.7	37.3	40.0	39.9	39.1	39.9
81°	28.5	34.9	37.6	37.6	36.8	37.5
81.5°	26.2	32.4	35.4	35.5	34.6	35.5
82°	24.2	30.3	33.1	33.2	32.3	33.2
82.5°	22.1	28.1	30.8	30.8	30.1	30.9
83°	20.1	25.9	28.5	28.5	27.8	28.7
83.5°	18.1	23.8	26.1	26.1	25.6	26.3
84°	16.2	21.6	24.0	24.1	23.4	24.2
84.5°	14.3	19.6	21.8	21.9	21.3	22.1
85°	12.5	17.6	19.9	20.0	19.4	20.1
85.5°	11.1	15.8	17.9	17.9	17.4	18.1
86°	9.6	13.9	16.0	16.1	15.5	16.3
86.5°	8.1	12.1	14.0	14.2	13.6	14.4
87°	6.7	10.5	12.3	12.3	11.9	12.6
87.5°	5.1	8.9	10.7	10.7	10.3	10.9
88°	3.9	7.4	9.1	9.1	8.7	9.3
88.5°	2.9	6.1	7.5	7.6	7.2	7.8



TEST NUMBER: P971890
CATALOG NUMBER: RLWZDZC6-3000K

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



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







21.5°	321.7	320.4	320.8	320.1	316.6	315.7	316.7	317.8	317.7	319.2	319.0
22°	320.5	319.1	319.4	318.8	315.2	314.3	315.3	316.5	316.4	317.8	317.6



44°	241.6	239.1	239.5	238.0	231.4	229.3	230.6	232.6	232.3	234.6	234.0
44.5°	239.2	236.8	237.2	235.7	228.9	226.9	228.1	230.0	229.7	232.1	231.5



66.5°	118.7	116.0	116.6	114.4	105.7	102.6	103.6	105.4	104.7	107.2	106.3
67°	115.6	112.9	113.7	111.4	102.7	99.7	100.6	102.4	101.7	104.2	103.3



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	4.2	4.4	3.7	1.6	1.0	1.2	1.4	1.1	1.5	1.3





21.5°	319.7	322.8	323.7	323.0	321.9	321.7
22°	318.4	321.5	322.5	321.8	320.6	320.5



44°	235.5	241.8	244.0	243.2	241.6	241.6
44.5°	233.0	239.4	241.7	240.9	239.2	239.2



66.5°	108.2	116.7	120.0	119.5	117.9	118.7
67°	105.2	113.7	117.0	116.5	114.9	115.6



89°	2.2	4.8	6.3	6.3	5.9	6.5
89.5°	1.5	3.6	4.9	4.9	4.6	5.1



(END OF REPORT)