

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: P971893

Luminaire Tested: RLWZDZC6-5000K

Issue Date: 2/18/2025

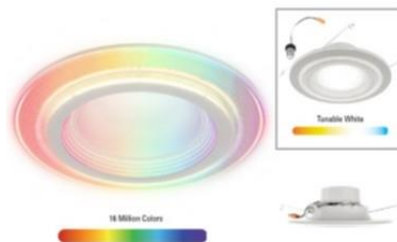
Test Information

Test Method: LM-79-2019
Report Number: P971893
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: RLWZDZC6-5000K
Description: RLDZ6" Canless 1000lm, WiZ RGBW, 120V, WH, with NIGHTLIGHT
Light Source: WiZ RGBW CONTROLLED 90CRI / 5000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1005.0 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

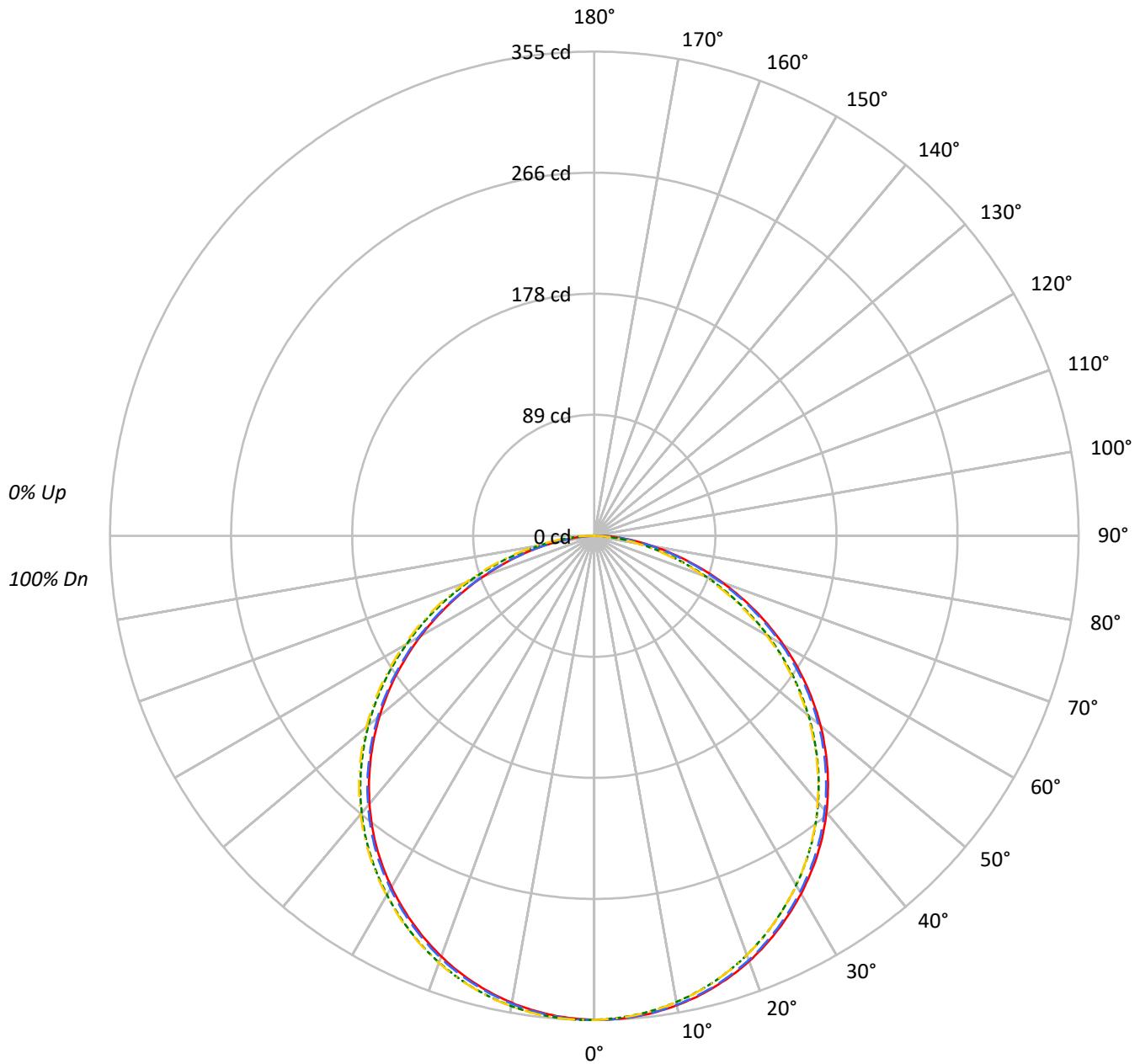
Input Watts (W): 10.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P971893

CATALOG NUMBER: RLWZDZC6-5000K

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
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°	19461	19461	19461	19461
5°	19464	19403	19414	19486
10°	19455	19322	19355	19494
15°	19421	19217	19268	19472
20°	19363	19077	19147	19421
25°	19277	18914	18993	19338
30°	19186	18731	18826	19250
35°	19086	18538	18631	19140
40°	18943	18263	18349	18978
45°	18738	17917	17979	18746
50°	18464	17483	17509	18439
55°	18083	16907	16907	18016
60°	17575	16161	16106	17422
65°	16889	15177	15060	16655
70°	15980	13913	13768	15628
75°	14869	12306	12137	14339
80°	13670	10386	10134	12786
85°	12894	7925	7359	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 89.5°

Luminance: 32666 cd/sqm



TEST NUMBER: P971893

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.6	3.3
10°-20°	96.2	9.6
20°-30°	145.8	14.5
30°-40°	176.2	17.5
40°-50°	182.5	18.2
50°-60°	163.3	16.3
60°-70°	121.6	12.1
70°-80°	67.3	6.7
80°-90°	18.5	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°	275.6	27.4
0°-40°	451.8	45.0
0°-60°	797.6	79.4
0°-90°	1005.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1005.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	355	355	355	355	355	
5°	354	353	353	354	354	34
15°	342	339	340	343	342	97
25°	319	313	314	320	319	147
35°	285	277	278	286	285	178
45°	242	231	232	242	242	186
55°	189	177	177	188	189	169
65°	130	117	116	128	130	129
75°	70	58	57	68	70	75
85°	20	13	12	18	20	23
90°	0	0	0	0	0	

TEST NUMBER: P971893

CATALOG NUMBER: RLWZDZC6-5000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	355.0	355.0	355.0	355.0	355.0	355.0	355.0	355.0	355.0	355.0	355.0
0.5°	354.9	354.9	355.0	355.2	354.8	354.8	354.9	354.9	354.8	354.9	355.0
1°	354.9	354.8	355.0	355.1	354.7	354.7	354.8	354.8	354.7	354.8	355.0
1.5°	354.8	354.8	354.9	355.1	354.5	354.5	354.6	354.7	354.6	354.7	354.9
2°	354.8	354.7	354.8	355.0	354.3	354.3	354.5	354.5	354.4	354.6	354.7
2.5°	354.7	354.5	354.7	354.8	354.1	354.0	354.2	354.3	354.2	354.4	354.6
3°	354.6	354.4	354.6	354.7	353.9	353.8	354.0	354.1	354.0	354.3	354.4
3.5°	354.4	354.2	354.4	354.5	353.5	353.5	353.7	353.9	353.7	354.1	354.2
4°	354.2	353.9	354.2	354.2	353.2	353.1	353.4	353.6	353.5	353.8	353.9
4.5°	354.0	353.7	353.9	353.9	352.9	352.8	353.1	353.3	353.2	353.5	353.6
5°	353.7	353.4	353.6	353.7	352.6	352.4	352.7	352.9	352.8	353.2	353.3
5.5°	353.4	353.1	353.3	353.3	352.1	352.0	352.3	352.5	352.5	352.9	353.0
6°	353.1	352.7	353.0	353.0	351.7	351.5	351.9	352.1	352.0	352.5	352.5
6.5°	352.8	352.4	352.6	352.6	351.2	351.0	351.4	351.7	351.6	352.1	352.1
7°	352.4	352.0	352.2	352.1	350.7	350.5	350.9	351.2	351.1	351.7	351.7
7.5°	352.0	351.5	351.7	351.7	350.2	349.9	350.3	350.7	350.6	351.2	351.3
8°	351.5	351.0	351.3	351.2	349.6	349.3	349.7	350.2	350.1	350.7	350.7
8.5°	351.1	350.5	350.8	350.7	349.0	348.7	349.2	349.6	349.6	350.2	350.2
9°	350.6	350.0	350.3	350.1	348.4	348.1	348.5	349.0	349.0	349.6	349.7
9.5°	350.1	349.5	349.7	349.5	347.8	347.4	347.9	348.4	348.4	349.1	349.1
10°	349.5	348.9	349.1	348.9	347.1	346.7	347.2	347.7	347.7	348.4	348.4
10.5°	348.9	348.3	348.5	348.3	346.4	346.0	346.5	347.1	347.0	347.8	347.7
11°	348.3	347.6	347.8	347.6	345.6	345.2	345.7	346.3	346.3	347.1	347.0
11.5°	347.6	346.9	347.2	346.9	344.9	344.4	345.0	345.6	345.6	346.4	346.3
12°	347.0	346.2	346.5	346.2	344.1	343.6	344.2	344.8	344.8	345.6	345.6
12.5°	346.3	345.5	345.7	345.4	343.2	342.7	343.3	344.1	344.0	344.9	344.8
13°	345.5	344.7	344.9	344.7	342.4	341.8	342.5	343.2	343.1	344.0	344.0
13.5°	344.7	343.9	344.2	343.8	341.4	340.9	341.6	342.3	342.3	343.2	343.2
14°	343.9	343.0	343.3	343.0	340.5	340.0	340.6	341.4	341.4	342.3	342.3
14.5°	343.1	342.2	342.5	342.1	339.5	339.0	339.7	340.5	340.4	341.5	341.4
15°	342.2	341.3	341.6	341.2	338.6	338.0	338.7	339.5	339.5	340.5	340.4
15.5°	341.3	340.3	340.7	340.2	337.6	337.0	337.7	338.5	338.5	339.6	339.5
16°	340.4	339.4	339.7	339.3	336.6	335.9	336.6	337.5	337.5	338.6	338.5
16.5°	339.5	338.4	338.7	338.3	335.4	334.8	335.5	336.5	336.4	337.6	337.5
17°	338.5	337.4	337.7	337.2	334.3	333.7	334.4	335.4	335.3	336.5	336.5
17.5°	337.5	336.3	336.6	336.2	333.2	332.5	333.3	334.3	334.2	335.5	335.3
18°	336.5	335.2	335.6	335.1	332.0	331.3	332.1	333.1	333.1	334.3	334.2
18.5°	335.3	334.1	334.4	334.0	330.8	330.0	330.9	331.9	331.9	333.2	333.1
19°	334.3	333.0	333.3	332.8	329.6	328.8	329.7	330.7	330.7	332.0	331.9
19.5°	333.1	331.9	332.2	331.6	328.3	327.5	328.4	329.5	329.5	330.8	330.6
20°	331.9	330.7	331.0	330.4	327.0	326.2	327.1	328.2	328.2	329.5	329.4
20.5°	330.8	329.5	329.8	329.2	325.7	324.9	325.8	326.9	326.9	328.3	328.1
21°	329.5	328.2	328.5	327.9	324.4	323.5	324.4	325.6	325.5	327.0	326.8

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CATALOG NUMBER: RLWZDZC6-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	325.7	324.3	324.6	323.9	320.2	319.3	320.2	321.5	321.4	322.9	322.7
23°	324.3	322.9	323.2	322.5	318.7	317.8	318.7	320.0	320.0	321.5	321.3
23.5°	323.0	321.5	321.9	321.1	317.3	316.3	317.2	318.6	318.5	320.1	319.8
24°	321.6	320.1	320.4	319.7	315.8	314.8	315.8	317.1	317.0	318.6	318.3
24.5°	320.1	318.7	319.0	318.3	314.3	313.3	314.2	315.5	315.5	317.1	316.8
25°	318.7	317.1	317.5	316.7	312.7	311.7	312.7	314.0	314.0	315.6	315.3
25.5°	317.3	315.7	316.0	315.2	311.1	310.1	311.1	312.5	312.4	314.1	313.7
26°	315.8	314.2	314.5	313.7	309.5	308.5	309.5	310.9	310.9	312.5	312.2
26.5°	314.2	312.6	312.9	312.2	307.9	306.9	307.9	309.2	309.3	310.9	310.6
27°	312.7	311.1	311.4	310.6	306.2	305.2	306.3	307.6	307.6	309.3	309.0
27.5°	311.2	309.5	309.8	309.0	304.6	303.5	304.6	306.0	306.0	307.7	307.4
28°	309.6	307.9	308.2	307.4	302.9	301.8	302.9	304.4	304.3	306.1	305.7
28.5°	308.0	306.3	306.6	305.8	301.2	300.1	301.2	302.6	302.6	304.4	304.0
29°	306.4	304.6	305.0	304.1	299.5	298.3	299.5	300.9	300.9	302.7	302.3
29.5°	304.7	303.0	303.3	302.4	297.7	296.6	297.7	299.2	299.2	301.0	300.6
30°	303.1	301.3	301.6	300.7	295.9	294.8	295.9	297.4	297.4	299.2	298.8
30.5°	301.4	299.5	299.9	298.9	294.1	292.9	294.1	295.6	295.6	297.4	297.0
31°	299.7	297.8	298.1	297.2	292.3	291.1	292.3	293.8	293.8	295.6	295.2
31.5°	297.9	296.1	296.4	295.4	290.5	289.3	290.4	292.0	292.0	293.8	293.4
32°	296.2	294.3	294.5	293.6	288.7	287.4	288.6	290.1	290.1	292.0	291.6
32.5°	294.4	292.5	292.7	291.8	286.7	285.4	286.6	288.3	288.2	290.1	289.7
33°	292.6	290.6	290.9	289.9	284.8	283.5	284.7	286.4	286.3	288.2	287.8
33.5°	290.8	288.7	289.1	288.1	282.9	281.6	282.7	284.5	284.4	286.3	285.9
34°	289.0	286.9	287.2	286.2	280.9	279.6	280.8	282.5	282.4	284.4	284.0
34.5°	287.1	285.0	285.3	284.2	278.9	277.6	278.8	280.5	280.4	282.4	282.0
35°	285.2	283.1	283.4	282.3	277.0	275.5	276.7	278.5	278.4	280.4	280.0
35.5°	283.3	281.1	281.5	280.4	274.9	273.4	274.7	276.4	276.3	278.3	277.9
36°	281.4	279.2	279.5	278.4	272.8	271.3	272.5	274.3	274.2	276.3	275.8
36.5°	279.4	277.2	277.5	276.4	270.7	269.2	270.4	272.1	272.0	274.2	273.7
37°	277.5	275.2	275.5	274.3	268.5	267.0	268.2	270.0	269.9	272.0	271.5
37.5°	275.4	273.1	273.4	272.2	266.4	264.7	266.0	267.8	267.7	269.9	269.3
38°	273.3	271.0	271.3	270.1	264.2	262.6	263.8	265.7	265.5	267.6	267.1
38.5°	271.2	268.9	269.2	268.0	262.0	260.4	261.6	263.4	263.1	265.4	264.9
39°	269.1	266.7	267.1	265.8	259.8	258.1	259.3	261.2	261.0	263.1	262.6
39.5°	266.9	264.5	264.9	263.6	257.5	255.8	257.0	258.8	258.7	260.9	260.4
40°	264.7	262.3	262.7	261.5	255.2	253.4	254.7	256.6	256.4	258.6	258.1
40.5°	262.5	260.2	260.6	259.2	252.9	251.0	252.3	254.2	254.0	256.3	255.7
41°	260.4	258.0	258.3	257.0	250.6	248.7	250.0	251.9	251.6	253.9	253.4
41.5°	258.1	255.7	256.1	254.6	248.2	246.3	247.6	249.4	249.3	251.6	251.0
42°	255.8	253.4	253.7	252.4	245.8	243.9	245.2	247.1	246.8	249.2	248.6
42.5°	253.5	251.1	251.5	250.0	243.4	241.4	242.7	244.6	244.4	246.8	246.2
43°	251.2	248.8	249.1	247.6	241.0	239.0	240.3	242.2	242.0	244.3	243.7
43.5°	248.9	246.4	246.7	245.3	238.6	236.5	237.8	239.8	239.4	241.8	241.3

TEST NUMBER: P971893

CATALOG NUMBER: RLWZDZC6-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	241.7	239.2	239.6	238.0	231.1	229.0	230.2	232.2	231.9	234.3	233.7
45.5°	239.2	236.7	237.2	235.6	228.6	226.4	227.7	229.7	229.3	231.8	231.2
46°	236.8	234.3	234.7	233.1	226.0	223.8	225.1	227.0	226.7	229.2	228.6
46.5°	234.4	231.8	232.2	230.6	223.5	221.2	222.4	224.5	224.2	226.6	226.0
47°	231.9	229.3	229.7	228.0	220.9	218.6	219.8	221.8	221.5	224.0	223.4
47.5°	229.3	226.7	227.2	225.5	218.2	216.0	217.2	219.3	218.9	221.4	220.9
48°	226.7	224.2	224.7	223.0	215.7	213.3	214.6	216.6	216.2	218.7	218.2
48.5°	224.2	221.6	222.1	220.4	213.0	210.7	211.8	213.9	213.5	216.0	215.5
49°	221.7	219.1	219.4	217.7	210.3	208.0	209.2	211.2	210.8	213.3	212.7
49.5°	219.1	216.4	216.9	215.1	207.6	205.2	206.4	208.4	208.1	210.6	210.1
50°	216.5	213.8	214.3	212.5	205.0	202.5	203.7	205.7	205.3	207.9	207.4
50.5°	213.9	211.2	211.7	209.9	202.2	199.8	200.9	203.0	202.5	205.1	204.6
51°	211.1	208.5	209.0	207.2	199.5	197.0	198.2	200.2	199.8	202.4	201.8
51.5°	208.5	205.8	206.3	204.5	196.8	194.2	195.4	197.4	197.0	199.7	199.0
52°	205.8	203.1	203.6	201.8	193.9	191.3	192.5	194.6	194.2	196.8	196.1
52.5°	203.1	200.4	200.9	199.0	191.1	188.6	189.7	191.8	191.3	193.9	193.3
53°	200.3	197.7	198.1	196.2	188.4	185.7	186.8	188.9	188.5	191.1	190.4
53.5°	197.6	194.9	195.4	193.6	185.5	182.8	184.0	186.0	185.6	188.3	187.6
54°	194.8	192.1	192.6	190.7	182.6	180.0	181.1	183.1	182.7	185.3	184.6
54.5°	192.0	189.3	189.8	187.9	179.8	177.1	178.2	180.3	179.8	182.4	181.7
55°	189.2	186.5	187.0	185.0	176.9	174.1	175.2	177.4	176.9	179.4	178.8
55.5°	186.4	183.7	184.1	182.2	174.0	171.2	172.3	174.4	173.9	176.6	175.8
56°	183.6	180.7	181.3	179.4	171.0	168.2	169.4	171.4	170.9	173.6	172.9
56.5°	180.7	178.0	178.5	176.5	168.1	165.3	166.4	168.5	167.9	170.6	169.9
57°	177.9	175.1	175.6	173.6	165.2	162.3	163.4	165.4	165.0	167.6	166.9
57.5°	175.0	172.2	172.7	170.7	162.2	159.3	160.4	162.5	162.0	164.7	163.9
58°	172.0	169.3	169.8	167.7	159.3	156.4	157.5	159.5	158.9	161.6	160.9
58.5°	169.1	166.3	166.8	164.9	156.4	153.4	154.5	156.5	156.0	158.6	157.8
59°	166.2	163.4	163.9	161.9	153.4	150.4	151.5	153.5	152.9	155.6	154.8
59.5°	163.2	160.5	160.9	159.0	150.3	147.4	148.4	150.5	149.9	152.6	151.8
60°	160.3	157.5	158.0	156.1	147.4	144.3	145.4	147.4	146.9	149.5	148.8
60.5°	157.3	154.6	155.1	153.1	144.4	141.3	142.4	144.3	143.8	146.5	145.7
61°	154.4	151.7	152.2	150.1	141.3	138.3	139.4	141.3	140.7	143.4	142.6
61.5°	151.4	148.7	149.2	147.0	138.3	135.3	136.3	138.3	137.7	140.3	139.5
62°	148.4	145.6	146.2	144.1	135.3	132.2	133.2	135.2	134.6	137.2	136.4
62.5°	145.4	142.7	143.1	141.0	132.2	129.1	130.2	132.0	131.5	134.1	133.3
63°	142.4	139.6	140.2	138.0	129.2	126.1	127.1	129.0	128.4	131.0	130.2
63.5°	139.4	136.6	137.2	135.0	126.1	123.0	124.1	126.0	125.3	127.9	127.1
64°	136.4	133.6	134.2	131.9	123.0	120.0	121.0	122.9	122.2	124.8	124.0
64.5°	133.3	130.6	131.1	128.9	120.0	117.0	117.9	119.8	119.1	121.7	120.9
65°	130.2	127.4	128.1	125.9	117.0	113.8	114.8	116.7	116.1	118.7	117.8
65.5°	127.2	124.5	125.0	122.7	113.9	110.7	111.8	113.6	112.9	115.5	114.7
66°	124.1	121.5	122.0	119.8	110.8	107.7	108.7	110.5	109.9	112.4	111.6

TEST NUMBER: P971893

CATALOG NUMBER: RLWZDZC6-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	115.0	112.3	112.9	110.6	101.7	98.7	99.6	101.4	100.7	103.2	102.3
68°	111.9	109.2	109.9	107.6	98.7	95.6	96.5	98.4	97.7	100.1	99.2
68.5°	108.9	106.2	106.8	104.5	95.7	92.7	93.6	95.4	94.7	97.2	96.1
69°	105.9	103.1	103.7	101.5	92.7	89.7	90.6	92.4	91.7	94.1	93.0
69.5°	102.7	100.2	100.8	98.5	89.7	86.8	87.7	89.5	88.8	91.1	90.0
70°	99.7	97.2	97.7	95.5	86.8	83.9	84.8	86.5	85.9	88.1	87.0
70.5°	96.8	94.2	94.8	92.4	83.9	80.9	81.9	83.6	82.9	85.2	84.0
71°	93.8	91.0	91.7	89.5	80.9	78.0	79.0	80.6	80.0	82.2	81.1
71.5°	90.7	88.2	88.7	86.5	78.0	75.1	76.1	77.7	77.1	79.2	78.1
72°	87.8	85.3	85.8	83.5	75.1	72.2	73.2	75.0	74.1	76.3	75.1
72.5°	84.8	82.3	82.8	80.5	72.2	69.4	70.4	72.1	71.2	73.4	72.2
73°	81.9	79.4	79.9	77.6	69.3	66.5	67.5	69.3	68.4	70.4	69.3
73.5°	78.9	76.5	77.0	74.7	66.4	63.7	64.8	66.5	65.6	67.6	66.4
74°	76.0	73.6	74.1	71.8	63.7	61.0	62.0	63.7	62.8	64.7	63.5
74.5°	73.1	70.6	71.2	69.0	60.9	58.3	59.2	60.9	60.1	61.9	60.7
75°	70.2	67.8	68.3	66.1	58.1	55.5	56.5	58.2	57.3	59.1	57.9
75.5°	67.4	64.9	65.5	63.3	55.4	52.8	53.8	55.5	54.6	56.3	55.2
76°	64.6	62.2	62.7	60.5	52.7	50.3	51.3	52.9	52.0	53.7	52.5
76.5°	61.8	59.4	59.9	57.8	50.2	47.7	48.8	50.3	49.4	51.1	50.0
77°	59.0	56.6	57.2	55.1	47.7	45.2	46.2	47.8	46.8	48.5	47.3
77.5°	56.2	53.9	54.5	52.4	45.1	42.7	43.7	45.2	44.2	45.8	44.7
78°	53.6	51.4	51.8	49.9	42.5	40.2	41.2	42.7	41.7	43.3	42.2
78.5°	51.1	48.8	49.2	47.3	40.1	37.8	38.7	40.2	39.2	40.7	39.6
79°	48.4	46.2	46.7	44.8	37.6	35.4	36.3	37.7	36.8	38.3	37.2
79.5°	45.8	43.6	44.1	42.3	35.2	33.0	33.9	35.4	34.4	35.9	34.8
80°	43.3	41.1	41.6	39.8	32.9	30.8	31.7	33.0	32.1	33.5	32.4
80.5°	40.8	38.6	39.0	37.3	30.7	28.5	29.4	30.7	29.7	31.1	30.1
81°	38.3	36.0	36.5	35.1	28.4	26.3	27.2	28.4	27.5	28.8	27.9
81.5°	36.3	33.8	34.2	32.8	26.2	24.2	25.0	26.2	25.3	26.7	25.7
82°	33.9	31.5	32.0	30.6	24.1	22.2	22.9	24.1	23.2	24.5	23.5
82.5°	31.6	29.3	29.8	28.3	22.0	20.1	20.8	22.0	21.2	22.4	21.5
83°	29.3	27.1	27.6	26.1	20.0	18.2	18.9	20.0	19.1	20.3	19.5
83.5°	26.9	24.9	25.3	23.9	18.1	16.3	17.0	18.0	17.1	18.3	17.5
84°	24.7	22.8	23.2	21.8	16.2	14.5	15.1	16.1	15.3	16.4	15.6
84.5°	22.6	20.7	21.2	19.8	14.4	12.7	13.2	14.2	13.4	14.5	13.8
85°	20.5	18.7	19.1	17.8	12.6	11.2	11.5	12.4	11.7	12.8	12.0
85.5°	18.5	16.8	17.2	16.0	11.1	9.7	10.1	10.9	10.3	11.2	10.5
86°	16.6	14.9	15.3	14.1	9.6	8.2	8.7	9.5	8.8	9.7	9.1
86.5°	14.7	13.1	13.5	12.4	8.2	6.7	7.2	8.0	7.3	8.2	7.6
87°	12.9	11.4	11.7	10.7	6.7	5.2	5.8	6.5	5.9	6.7	6.1
87.5°	11.1	9.8	10.2	9.1	5.2	4.0	4.4	5.0	4.4	5.2	4.7
88°	9.5	8.2	8.6	7.6	4.0	3.0	3.3	3.8	3.3	4.0	3.6
88.5°	8.0	6.8	7.1	6.3	3.0	2.2	2.4	2.8	2.5	3.0	2.6



TEST NUMBER: P971893
CATALOG NUMBER: RLWZDZC6-5000K

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: P971893

CATALOG NUMBER: RLWZDZC6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	355.0	355.0	355.0	355.0	355.0	355.0
0.5°	355.2	355.0	355.0	355.1	355.0	354.9
1°	355.2	355.0	355.1	355.1	355.0	354.9
1.5°	355.1	355.0	355.1	355.1	355.0	354.8
2°	355.0	355.0	355.1	355.1	354.9	354.8
2.5°	354.8	354.9	355.1	355.0	354.8	354.7
3°	354.7	354.8	355.0	354.9	354.7	354.6
3.5°	354.5	354.7	354.9	354.8	354.5	354.4
4°	354.2	354.5	354.7	354.7	354.4	354.2
4.5°	353.9	354.3	354.5	354.5	354.1	354.0
5°	353.6	354.1	354.4	354.2	353.9	353.7
5.5°	353.3	353.9	354.1	354.0	353.6	353.4
6°	352.9	353.6	353.9	353.7	353.3	353.1
6.5°	352.5	353.2	353.6	353.4	352.9	352.8
7°	352.1	352.9	353.2	353.1	352.6	352.4
7.5°	351.7	352.5	352.9	352.7	352.2	352.0
8°	351.2	352.1	352.5	352.3	351.8	351.5
8.5°	350.6	351.7	352.1	351.8	351.3	351.1
9°	350.1	351.2	351.6	351.4	350.8	350.6
9.5°	349.5	350.7	351.1	350.9	350.2	350.1
10°	348.9	350.2	350.6	350.3	349.7	349.5
10.5°	348.2	349.6	350.1	349.8	349.1	348.9
11°	347.5	349.0	349.5	349.2	348.5	348.3
11.5°	346.9	348.4	348.9	348.6	347.8	347.6
12°	346.1	347.7	348.3	347.9	347.1	347.0
12.5°	345.3	347.0	347.6	347.2	346.4	346.3
13°	344.6	346.3	346.9	346.4	345.7	345.5
13.5°	343.7	345.5	346.1	345.7	344.9	344.7
14°	342.9	344.7	345.3	344.9	344.1	343.9
14.5°	342.0	343.9	344.6	344.1	343.2	343.1
15°	341.1	343.1	343.7	343.3	342.4	342.2
15.5°	340.1	342.2	342.9	342.4	341.5	341.3
16°	339.1	341.3	342.0	341.5	340.5	340.4
16.5°	338.1	340.4	341.1	340.6	339.6	339.5
17°	337.1	339.4	340.2	339.6	338.7	338.5
17.5°	336.0	338.4	339.2	338.6	337.6	337.5
18°	334.9	337.4	338.2	337.6	336.6	336.5
18.5°	333.7	336.3	337.1	336.6	335.5	335.3
19°	332.6	335.2	336.1	335.5	334.4	334.3
19.5°	331.3	334.1	335.0	334.3	333.3	333.1
20°	330.1	332.9	333.9	333.2	332.1	331.9
20.5°	328.9	331.8	332.7	332.1	330.9	330.8
21°	327.5	330.6	331.5	330.8	329.6	329.5



TEST NUMBER: P971893

CATALOG NUMBER: RLWZDZC6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	323.5	326.8	327.8	327.1	325.8	325.7
23°	322.1	325.4	326.4	325.7	324.5	324.3
23.5°	320.6	324.1	325.1	324.4	323.1	323.0
24°	319.1	322.7	323.8	322.9	321.7	321.6
24.5°	317.6	321.1	322.4	321.6	320.3	320.1
25°	316.1	319.7	320.9	320.2	318.8	318.7
25.5°	314.6	318.3	319.5	318.7	317.4	317.3
26°	313.0	316.8	317.9	317.2	315.9	315.8
26.5°	311.5	315.3	316.5	315.8	314.3	314.2
27°	309.9	313.7	315.0	314.3	312.8	312.7
27.5°	308.3	312.2	313.5	312.7	311.3	311.2
28°	306.7	310.6	311.9	311.1	309.7	309.6
28.5°	304.9	309.0	310.3	309.5	308.1	308.0
29°	303.2	307.4	308.7	307.9	306.5	306.4
29.5°	301.5	305.7	307.1	306.3	304.9	304.7
30°	299.8	304.1	305.5	304.6	303.2	303.1
30.5°	298.0	302.3	303.8	302.9	301.5	301.4
31°	296.2	300.6	302.1	301.2	299.8	299.7
31.5°	294.4	298.9	300.4	299.5	298.1	297.9
32°	292.6	297.1	298.7	297.8	296.3	296.2
32.5°	290.8	295.3	296.9	296.0	294.5	294.4
33°	288.8	293.5	295.1	294.3	292.7	292.6
33.5°	286.9	291.7	293.3	292.4	290.9	290.8
34°	285.0	289.9	291.5	290.6	289.1	289.0
34.5°	283.1	287.9	289.7	288.7	287.2	287.1
35°	281.1	286.0	287.7	286.9	285.3	285.2
35.5°	279.0	284.1	285.9	284.9	283.4	283.3
36°	277.0	282.2	283.9	283.1	281.5	281.4
36.5°	274.9	280.2	281.9	281.1	279.5	279.4
37°	272.7	278.1	279.9	279.1	277.5	277.5
37.5°	270.6	276.1	277.9	277.1	275.4	275.4
38°	268.4	273.9	275.9	275.0	273.4	273.3
38.5°	266.2	271.8	273.8	272.9	271.2	271.2
39°	263.9	269.6	271.7	270.8	269.1	269.1
39.5°	261.8	267.5	269.5	268.7	267.0	266.9
40°	259.4	265.2	267.3	266.5	264.8	264.7
40.5°	257.1	263.0	265.0	264.2	262.6	262.5
41°	254.8	260.8	262.8	262.1	260.4	260.4
41.5°	252.4	258.5	260.6	259.8	258.1	258.1
42°	250.0	256.1	258.4	257.5	255.8	255.8
42.5°	247.6	253.9	256.1	255.2	253.5	253.5
43°	245.3	251.5	253.8	252.9	251.2	251.2
43.5°	242.8	249.1	251.4	250.5	248.8	248.9



TEST NUMBER: P971893

CATALOG NUMBER: RLWZDZC6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	235.3	241.8	244.2	243.4	241.6	241.7
45.5°	232.8	239.3	241.7	240.9	239.2	239.2
46°	230.1	236.9	239.3	238.4	236.7	236.8
46.5°	227.6	234.3	236.8	236.0	234.3	234.4
47°	225.0	231.8	234.3	233.5	231.8	231.9
47.5°	222.4	229.2	231.8	231.0	229.3	229.3
48°	219.8	226.7	229.2	228.4	226.7	226.7
48.5°	217.1	224.0	226.6	225.8	224.1	224.2
49°	214.4	221.5	224.1	223.3	221.5	221.7
49.5°	211.7	218.9	221.5	220.7	218.9	219.1
50°	209.0	216.2	218.8	218.1	216.3	216.5
50.5°	206.3	213.5	216.1	215.4	213.6	213.9
51°	203.5	210.8	213.4	212.7	210.9	211.1
51.5°	200.7	208.1	210.8	210.0	208.2	208.5
52°	197.9	205.3	208.0	207.3	205.5	205.8
52.5°	195.1	202.6	205.3	204.6	202.8	203.1
53°	192.2	199.8	202.5	201.8	200.1	200.3
53.5°	189.3	197.0	199.8	199.0	197.3	197.6
54°	186.5	194.1	197.0	196.2	194.5	194.8
54.5°	183.6	191.3	194.2	193.4	191.7	192.0
55°	180.6	188.5	191.3	190.6	188.9	189.2
55.5°	177.7	185.6	188.5	187.8	186.0	186.4
56°	174.8	182.6	185.6	184.9	183.2	183.6
56.5°	171.8	179.8	182.7	182.0	180.3	180.7
57°	168.8	176.8	179.8	179.1	177.4	177.9
57.5°	165.7	173.9	176.9	176.2	174.5	175.0
58°	162.7	171.0	173.9	173.2	171.6	172.0
58.5°	159.7	168.0	171.0	170.3	168.6	169.1
59°	156.8	164.9	168.1	167.4	165.6	166.2
59.5°	153.7	161.9	165.1	164.4	162.6	163.2
60°	150.7	158.9	162.0	161.4	159.7	160.3
60.5°	147.6	156.0	159.1	158.4	156.8	157.3
61°	144.6	152.9	156.2	155.5	153.8	154.4
61.5°	141.4	149.9	153.2	152.5	150.8	151.4
62°	138.3	146.9	150.2	149.5	147.8	148.4
62.5°	135.3	143.8	147.1	146.5	144.8	145.4
63°	132.1	140.8	144.0	143.4	141.7	142.4
63.5°	129.1	137.7	141.0	140.3	138.6	139.4
64°	125.9	134.5	137.9	137.3	135.6	136.4
64.5°	122.8	131.5	134.8	134.2	132.5	133.3
65°	119.7	128.4	131.8	131.2	129.5	130.2
65.5°	116.6	125.4	128.7	128.1	126.4	127.2
66°	113.5	122.2	125.6	125.0	123.4	124.1



TEST NUMBER: P971893

CATALOG NUMBER: RLWZDZC6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	104.2	112.9	116.3	115.8	114.1	115.0
68°	101.1	109.8	113.2	112.7	111.1	111.9
68.5°	98.1	106.7	110.2	109.6	108.0	108.9
69°	95.0	103.6	107.1	106.5	104.9	105.9
69.5°	92.0	100.6	104.0	103.5	101.9	102.7
70°	88.9	97.5	101.0	100.5	98.9	99.7
70.5°	85.9	94.5	98.0	97.4	95.9	96.8
71°	82.9	91.4	94.8	94.4	92.8	93.8
71.5°	79.9	88.4	91.8	91.4	89.8	90.7
72°	76.9	85.3	88.8	88.4	86.8	87.8
72.5°	74.0	82.4	85.8	85.3	83.9	84.8
73°	71.0	79.3	82.8	82.4	80.9	81.9
73.5°	68.1	76.4	79.8	79.4	78.0	78.9
74°	65.2	73.4	76.9	76.5	75.0	76.0
74.5°	62.4	70.5	74.0	73.5	72.2	73.1
75°	59.6	67.7	71.1	70.7	69.4	70.2
75.5°	56.8	64.8	68.1	67.8	66.5	67.4
76°	54.1	61.9	65.3	64.9	63.7	64.6
76.5°	51.5	59.1	62.4	62.0	60.9	61.8
77°	48.8	56.3	59.6	59.3	58.2	59.0
77.5°	46.2	53.6	56.8	56.5	55.5	56.2
78°	43.6	51.0	54.1	53.9	52.7	53.6
78.5°	41.1	48.3	51.5	51.3	50.2	51.1
79°	38.6	45.7	48.8	48.6	47.6	48.4
79.5°	36.1	43.1	46.1	45.9	45.1	45.8
80°	33.8	40.5	43.5	43.4	42.5	43.3
80.5°	31.4	38.1	40.9	40.8	39.9	40.8
81°	29.1	35.6	38.4	38.4	37.6	38.3
81.5°	26.8	33.1	36.2	36.3	35.3	36.3
82°	24.7	30.9	33.8	33.9	33.0	33.9
82.5°	22.6	28.7	31.5	31.5	30.7	31.6
83°	20.5	26.5	29.1	29.1	28.4	29.3
83.5°	18.5	24.3	26.7	26.7	26.1	26.9
84°	16.5	22.1	24.5	24.6	23.9	24.7
84.5°	14.6	20.0	22.3	22.4	21.8	22.6
85°	12.8	18.0	20.3	20.4	19.8	20.5
85.5°	11.3	16.1	18.3	18.3	17.8	18.5
86°	9.8	14.2	16.3	16.4	15.8	16.6
86.5°	8.3	12.4	14.3	14.5	13.9	14.7
87°	6.8	10.7	12.6	12.6	12.2	12.9
87.5°	5.2	9.1	10.9	10.9	10.5	11.1
88°	4.0	7.6	9.3	9.3	8.9	9.5
88.5°	3.0	6.2	7.7	7.8	7.4	8.0



TEST NUMBER: P971893
CATALOG NUMBER: RLWZDZC6-5000K

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°	328.2	326.9	327.3	326.6	323.0	322.1	323.1	324.3	324.2	325.7	325.5
22°	327.0	325.6	325.9	325.3	321.6	320.7	321.7	322.9	322.8	324.3	324.1



44°	246.5	244.0	244.4	242.9	236.1	234.0	235.3	237.3	237.0	239.4	238.8
44.5°	244.1	241.6	242.0	240.5	233.6	231.5	232.8	234.7	234.4	236.8	236.2



66.5°	121.1	118.4	119.0	116.7	107.8	104.7	105.7	107.5	106.8	109.4	108.5
67°	118.0	115.2	116.0	113.7	104.8	101.7	102.6	104.5	103.8	106.3	105.4



89°	6.6	5.5	5.8	5.0	2.2	1.6	1.8	2.1	1.8	2.2	1.9
89.5°	5.2	4.3	4.5	3.8	1.6	1.0	1.2	1.4	1.1	1.5	1.3





21.5°	326.2	329.4	330.3	329.6	328.4	328.2
22°	324.9	328.0	329.1	328.3	327.1	327.0



44°	240.3	246.7	249.0	248.2	246.5	246.5
44.5°	237.8	244.3	246.6	245.8	244.1	244.1



66.5°	110.4	119.1	122.5	121.9	120.3	121.1
67°	107.3	116.0	119.4	118.9	117.2	118.0



89°	2.2	4.9	6.4	6.4	6.0	6.6
89.5°	1.5	3.7	5.0	5.0	4.7	5.2



(END OF REPORT)