

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: P971889

Luminaire Tested: RLWZDZC6-2700K

Issue Date: 2/18/2025

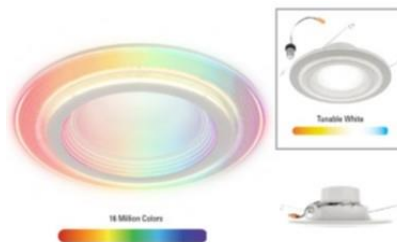
Test Information

Test Method: LM-79-2019
Report Number: P971889
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: RLWZDZC6-2700K
Description: RLDZ6" Canless 1000lm, WiZ RGBW, 120V, WH, with NIGHTLIGHT
Light Source: WiZ RGBW CONTROLLED 90CRI / 2700K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 990.0 lumens
Efficiency: N/A
Efficacy: 91.7 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

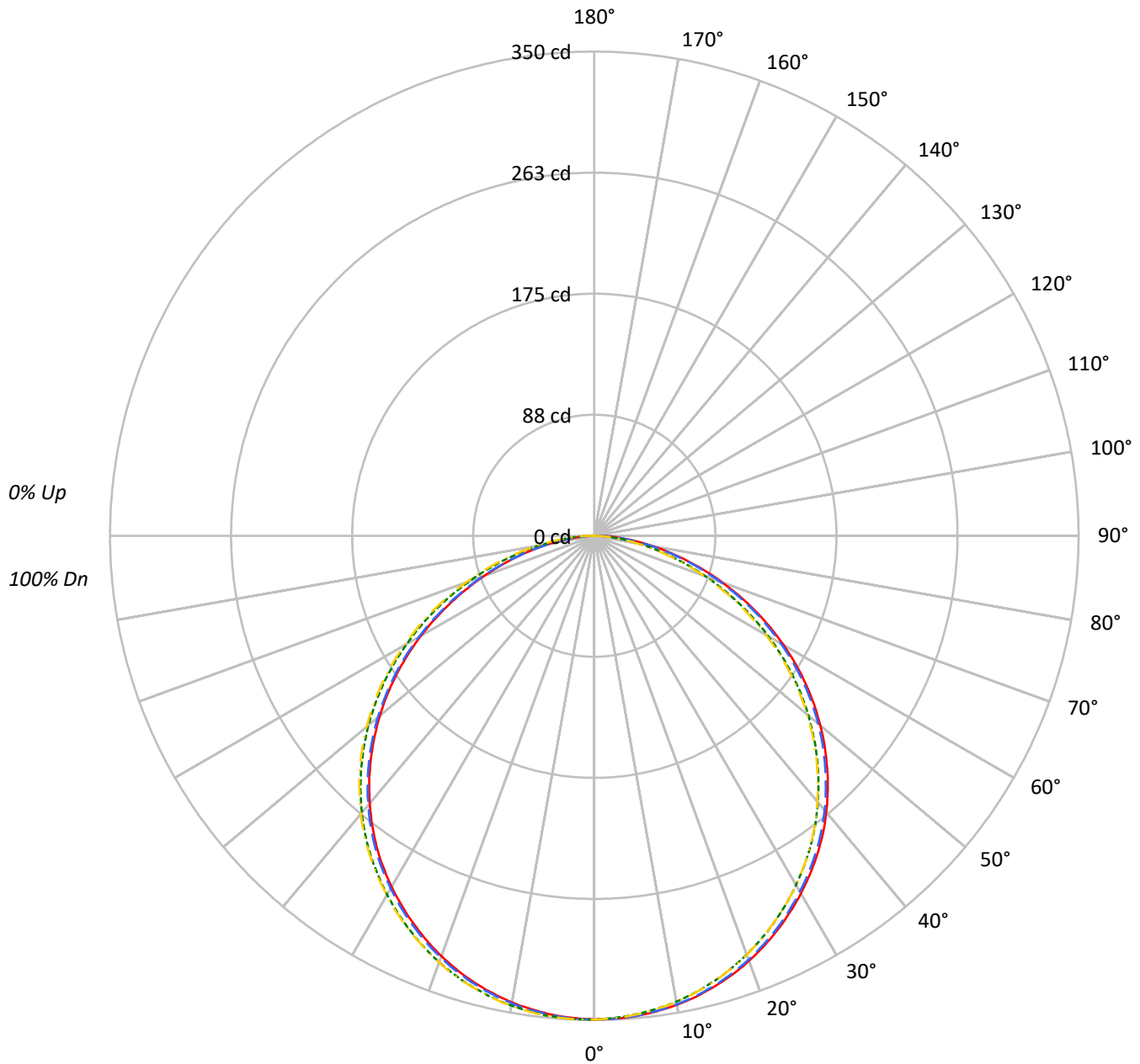
Input Watts (W): 10.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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					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°	19171	19171	19171	19171
5°	19172	19112	19123	19194
10°	19166	19032	19066	19199
15°	19132	18927	18979	19183
20°	19071	18791	18861	19129
25°	18987	18630	18709	19047
30°	18902	18452	18547	18965
35°	18805	18263	18357	18859
40°	18664	17984	18070	18699
45°	18459	17645	17707	18467
50°	18191	17219	17245	18166
55°	17815	16659	16659	17748
60°	17323	15920	15865	17170
65°	16630	14943	14839	16409
70°	15740	13704	13560	15403
75°	14657	12137	11967	14128
80°	13449	10229	9976	12596
85°	12706	7799	7233	11133

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°	33.1	3.3
10°-20°	94.8	9.6
20°-30°	143.6	14.5
30°-40°	173.5	17.5
40°-50°	179.7	18.2
50°-60°	160.9	16.3
60°-70°	119.8	12.1
70°-80°	66.3	6.7
80°-90°	18.2	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°	271.5	27.4
0°-40°	445.0	45.0
0°-60°	785.7	79.4
0°-90°	990.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	990.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	350	350	350	350	350	
5°	348	347	348	349	348	33
15°	337	334	334	338	337	95
25°	314	308	309	315	314	145
35°	281	273	274	282	281	176
45°	238	228	228	238	238	184
55°	186	174	174	186	186	166
65°	128	115	114	126	128	127
75°	69	57	56	67	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°	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7
0.5°	349.6	349.6	349.7	349.9	349.5	349.5	349.6	349.6	349.5	349.6	349.7
1°	349.6	349.5	349.7	349.8	349.4	349.4	349.5	349.5	349.4	349.5	349.7
1.5°	349.5	349.5	349.6	349.8	349.2	349.2	349.3	349.4	349.3	349.4	349.6
2°	349.5	349.4	349.5	349.7	349.0	349.0	349.2	349.2	349.1	349.3	349.4
2.5°	349.4	349.2	349.4	349.5	348.8	348.7	348.9	349.0	348.9	349.1	349.3
3°	349.3	349.1	349.3	349.4	348.6	348.5	348.7	348.8	348.7	349.0	349.1
3.5°	349.1	348.9	349.1	349.2	348.2	348.2	348.4	348.6	348.4	348.8	348.9
4°	348.9	348.6	348.9	348.9	347.9	347.8	348.1	348.3	348.2	348.5	348.6
4.5°	348.7	348.4	348.6	348.6	347.6	347.5	347.8	348.0	347.9	348.2	348.3
5°	348.4	348.1	348.3	348.4	347.3	347.1	347.4	347.6	347.5	347.9	348.0
5.5°	348.1	347.8	348.0	348.0	346.8	346.7	347.0	347.2	347.2	347.6	347.7
6°	347.8	347.4	347.7	347.7	346.4	346.2	346.6	346.8	346.7	347.2	347.2
6.5°	347.5	347.1	347.3	347.3	345.9	345.7	346.1	346.4	346.3	346.8	346.8
7°	347.1	346.7	346.9	346.8	345.4	345.2	345.6	345.9	345.8	346.4	346.4
7.5°	346.7	346.2	346.4	346.4	344.9	344.6	345.0	345.4	345.3	345.9	346.0
8°	346.2	345.7	346.0	345.9	344.3	344.1	344.4	344.9	344.8	345.4	345.4
8.5°	345.8	345.2	345.5	345.4	343.8	343.5	344.0	344.3	344.3	344.9	344.9
9°	345.3	344.7	345.0	344.8	343.2	342.9	343.3	343.8	343.8	344.3	344.4
9.5°	344.8	344.3	344.4	344.3	342.6	342.2	342.7	343.2	343.2	343.9	343.9
10°	344.3	343.7	343.9	343.7	341.9	341.5	342.0	342.5	342.5	343.2	343.2
10.5°	343.7	343.1	343.3	343.1	341.2	340.8	341.3	341.9	341.8	342.6	342.5
11°	343.1	342.4	342.6	342.4	340.4	340.0	340.5	341.1	341.1	341.9	341.8
11.5°	342.4	341.7	342.0	341.7	339.7	339.2	339.8	340.4	340.4	341.2	341.1
12°	341.8	341.0	341.3	341.0	338.9	338.4	339.0	339.6	339.6	340.4	340.4
12.5°	341.1	340.3	340.5	340.2	338.1	337.6	338.1	338.9	338.8	339.7	339.6
13°	340.3	339.5	339.7	339.5	337.3	336.7	337.4	338.1	338.0	338.8	338.8
13.5°	339.5	338.7	339.0	338.6	336.3	335.8	336.5	337.2	337.2	338.1	338.1
14°	338.7	337.9	338.1	337.9	335.4	334.9	335.5	336.3	336.3	337.2	337.2
14.5°	338.0	337.1	337.4	337.0	334.4	333.9	334.6	335.4	335.3	336.4	336.3
15°	337.1	336.2	336.5	336.1	333.5	332.9	333.6	334.4	334.4	335.4	335.3
15.5°	336.2	335.2	335.6	335.1	332.5	331.9	332.6	333.4	333.4	334.5	334.4
16°	335.3	334.3	334.6	334.2	331.6	330.9	331.6	332.4	332.4	333.5	333.4
16.5°	334.4	333.3	333.6	333.2	330.4	329.8	330.5	331.5	331.4	332.5	332.4
17°	333.4	332.3	332.6	332.1	329.3	328.7	329.4	330.4	330.3	331.5	331.5
17.5°	332.4	331.3	331.6	331.2	328.2	327.5	328.3	329.3	329.2	330.5	330.3
18°	331.5	330.2	330.6	330.1	327.0	326.3	327.1	328.1	328.1	329.3	329.2
18.5°	330.3	329.1	329.4	329.0	325.8	325.1	325.9	326.9	326.9	328.2	328.1
19°	329.3	328.0	328.3	327.8	324.7	323.9	324.8	325.7	325.7	327.0	326.9
19.5°	328.1	326.9	327.2	326.6	323.4	322.6	323.5	324.6	324.6	325.8	325.7
20°	326.9	325.7	326.0	325.5	322.1	321.3	322.2	323.3	323.3	324.6	324.5
20.5°	325.8	324.6	324.9	324.3	320.8	320.0	320.9	322.0	322.0	323.4	323.2
21°	324.6	323.3	323.6	323.0	319.5	318.7	319.5	320.7	320.6	322.1	321.9

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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°	320.8	319.5	319.7	319.1	315.4	314.5	315.4	316.7	316.6	318.1	317.9
23°	319.5	318.1	318.4	317.7	313.9	313.1	313.9	315.2	315.2	316.7	316.5
23.5°	318.2	316.7	317.1	316.3	312.6	311.6	312.5	313.8	313.7	315.3	315.0
24°	316.8	315.3	315.6	314.9	311.1	310.1	311.1	312.4	312.3	313.8	313.5
24.5°	315.3	313.9	314.2	313.5	309.6	308.6	309.5	310.8	310.8	312.4	312.1
25°	313.9	312.4	312.8	312.0	308.0	307.1	308.0	309.3	309.3	310.9	310.6
25.5°	312.6	311.0	311.3	310.5	306.5	305.5	306.5	307.8	307.7	309.4	309.0
26°	311.1	309.5	309.8	309.0	304.9	303.9	304.9	306.3	306.3	307.8	307.5
26.5°	309.5	307.9	308.2	307.5	303.3	302.3	303.3	304.6	304.7	306.3	306.0
27°	308.0	306.5	306.8	306.0	301.6	300.7	301.7	303.0	303.0	304.7	304.4
27.5°	306.6	304.9	305.2	304.4	300.1	299.0	300.1	301.4	301.4	303.1	302.8
28°	305.0	303.3	303.6	302.8	298.4	297.3	298.4	299.9	299.8	301.5	301.1
28.5°	303.4	301.7	302.0	301.2	296.7	295.6	296.7	298.1	298.1	299.9	299.5
29°	301.8	300.1	300.5	299.6	295.0	293.9	295.0	296.4	296.4	298.2	297.8
29.5°	300.2	298.5	298.8	297.9	293.3	292.2	293.3	294.7	294.7	296.5	296.1
30°	298.6	296.8	297.1	296.2	291.5	290.4	291.5	293.0	293.0	294.7	294.4
30.5°	296.9	295.0	295.4	294.5	289.7	288.5	289.7	291.2	291.2	293.0	292.6
31°	295.2	293.4	293.7	292.8	288.0	286.8	288.0	289.4	289.4	291.2	290.8
31.5°	293.5	291.7	292.0	291.0	286.2	285.0	286.1	287.7	287.7	289.4	289.0
32°	291.8	289.9	290.1	289.2	284.4	283.1	284.3	285.8	285.8	287.7	287.3
32.5°	290.0	288.2	288.4	287.5	282.4	281.2	282.3	284.0	283.9	285.8	285.4
33°	288.3	286.3	286.6	285.6	280.6	279.3	280.5	282.2	282.1	283.9	283.5
33.5°	286.5	284.4	284.8	283.8	278.7	277.4	278.5	280.3	280.2	282.1	281.7
34°	284.7	282.6	282.9	282.0	276.7	275.5	276.6	278.3	278.2	280.2	279.8
34.5°	282.8	280.8	281.1	280.0	274.8	273.5	274.7	276.3	276.2	278.2	277.8
35°	281.0	278.9	279.2	278.1	272.9	271.4	272.6	274.4	274.3	276.2	275.9
35.5°	279.1	276.9	277.3	276.2	270.8	269.4	270.6	272.3	272.2	274.2	273.8
36°	277.2	275.1	275.4	274.3	268.8	267.3	268.5	270.2	270.1	272.2	271.7
36.5°	275.3	273.1	273.4	272.3	266.7	265.2	266.4	268.1	268.0	270.1	269.7
37°	273.4	271.1	271.4	270.2	264.5	263.1	264.2	266.0	265.9	268.0	267.5
37.5°	271.3	269.1	269.4	268.2	262.5	260.8	262.1	263.8	263.7	265.9	265.3
38°	269.3	267.0	267.3	266.1	260.3	258.7	259.9	261.8	261.6	263.7	263.2
38.5°	267.2	264.9	265.2	264.0	258.0	256.5	257.6	259.5	259.2	261.5	261.0
39°	265.1	262.8	263.2	261.9	255.9	254.2	255.4	257.3	257.1	259.2	258.7
39.5°	263.0	260.6	261.0	259.7	253.6	251.9	253.1	254.9	254.8	257.0	256.5
40°	260.8	258.4	258.8	257.5	251.3	249.6	250.9	252.7	252.5	254.7	254.2
40.5°	258.6	256.3	256.7	255.3	249.1	247.2	248.5	250.4	250.2	252.4	251.8
41°	256.5	254.1	254.4	253.1	246.8	245.0	246.2	248.1	247.8	250.1	249.6
41.5°	254.2	251.8	252.2	250.8	244.5	242.6	243.9	245.6	245.5	247.8	247.2
42°	251.9	249.6	249.9	248.6	242.1	240.2	241.5	243.4	243.1	245.4	244.9
42.5°	249.7	247.3	247.7	246.2	239.7	237.8	239.0	240.9	240.7	243.1	242.5
43°	247.4	245.0	245.3	243.9	237.4	235.4	236.7	238.6	238.4	240.6	240.0
43.5°	245.1	242.7	243.0	241.6	235.0	232.9	234.2	236.2	235.8	238.2	237.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	238.1	235.6	236.0	234.4	227.6	225.6	226.7	228.7	228.4	230.8	230.2
45.5°	235.6	233.1	233.6	232.1	225.2	223.0	224.3	226.3	225.9	228.3	227.7
46°	233.2	230.8	231.2	229.6	222.6	220.4	221.7	223.6	223.3	225.8	225.2
46.5°	230.9	228.3	228.7	227.1	220.2	217.9	219.1	221.1	220.8	223.2	222.6
47°	228.4	225.9	226.3	224.6	217.6	215.3	216.5	218.5	218.2	220.6	220.1
47.5°	225.9	223.3	223.8	222.1	214.9	212.8	214.0	216.0	215.6	218.1	217.6
48°	223.3	220.8	221.3	219.7	212.5	210.1	211.4	213.4	213.0	215.4	214.9
48.5°	220.8	218.3	218.8	217.1	209.8	207.6	208.6	210.7	210.3	212.8	212.3
49°	218.4	215.8	216.1	214.4	207.2	204.9	206.1	208.0	207.7	210.1	209.5
49.5°	215.8	213.2	213.7	211.9	204.5	202.1	203.3	205.3	205.0	207.5	207.0
50°	213.3	210.6	211.1	209.3	201.9	199.5	200.7	202.6	202.2	204.8	204.3
50.5°	210.7	208.0	208.5	206.8	199.2	196.8	197.9	200.0	199.5	202.0	201.6
51°	207.9	205.4	205.9	204.1	196.5	194.1	195.3	197.2	196.8	199.4	198.8
51.5°	205.4	202.7	203.2	201.5	193.9	191.3	192.5	194.5	194.1	196.7	196.0
52°	202.7	200.1	200.6	198.8	191.0	188.5	189.6	191.7	191.3	193.9	193.2
52.5°	200.1	197.4	197.9	196.0	188.3	185.8	186.9	189.0	188.5	191.0	190.4
53°	197.3	194.8	195.2	193.3	185.6	183.0	184.0	186.1	185.7	188.3	187.6
53.5°	194.7	192.0	192.5	190.7	182.8	180.1	181.3	183.2	182.9	185.5	184.8
54°	191.9	189.2	189.7	187.9	179.9	177.3	178.4	180.4	180.0	182.6	181.9
54.5°	189.2	186.5	187.0	185.1	177.1	174.5	175.6	177.6	177.1	179.7	179.0
55°	186.4	183.7	184.2	182.3	174.3	171.5	172.6	174.8	174.3	176.8	176.2
55.5°	183.6	181.0	181.4	179.5	171.4	168.7	169.8	171.8	171.3	174.0	173.2
56°	180.9	178.0	178.6	176.8	168.5	165.7	166.9	168.9	168.4	171.0	170.4
56.5°	178.0	175.4	175.9	173.9	165.6	162.9	164.0	166.0	165.4	168.1	167.4
57°	175.3	172.5	173.0	171.0	162.8	159.9	161.0	163.0	162.6	165.1	164.4
57.5°	172.4	169.7	170.2	168.2	159.8	157.0	158.1	160.1	159.6	162.3	161.5
58°	169.5	166.8	167.3	165.2	157.0	154.0	155.2	157.2	156.6	159.2	158.5
58.5°	166.6	163.9	164.4	162.5	154.0	151.1	152.1	154.1	153.6	156.3	155.5
59°	163.8	161.0	161.5	159.5	151.1	148.1	149.2	151.2	150.6	153.2	152.4
59.5°	160.8	158.2	158.5	156.7	148.0	145.2	146.1	148.2	147.6	150.3	149.5
60°	158.0	155.2	155.7	153.7	145.2	142.1	143.2	145.2	144.7	147.2	146.5
60.5°	155.0	152.2	152.7	150.8	142.2	139.2	140.2	142.1	141.6	144.3	143.5
61°	152.0	149.4	149.9	147.8	139.2	136.2	137.3	139.2	138.6	141.2	140.4
61.5°	149.1	146.4	146.9	144.8	136.2	133.3	134.2	136.2	135.6	138.2	137.4
62°	146.1	143.4	144.0	141.9	133.3	130.2	131.2	133.2	132.6	135.1	134.3
62.5°	143.2	140.5	140.9	138.9	130.2	127.2	128.2	130.0	129.5	132.1	131.3
63°	140.2	137.5	138.1	135.9	127.2	124.2	125.2	127.1	126.5	129.0	128.2
63.5°	137.3	134.5	135.1	133.0	124.2	121.1	122.2	124.1	123.4	126.0	125.2
64°	134.3	131.6	132.2	129.9	121.1	118.2	119.2	121.0	120.4	122.9	122.1
64.5°	131.3	128.6	129.1	127.0	118.2	115.2	116.1	118.0	117.3	119.9	119.1
65°	128.2	125.5	126.2	124.0	115.2	112.1	113.1	114.9	114.4	116.9	116.0
65.5°	125.3	122.6	123.1	120.9	112.2	109.0	110.1	111.9	111.2	113.8	113.0
66°	122.2	119.7	120.2	118.0	109.1	106.1	107.1	108.8	108.3	110.7	109.9

TEST NUMBER: P971889

CATALOG NUMBER: RLWZDZC6-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	113.3	110.6	111.2	108.9	100.2	97.2	98.1	99.9	99.2	101.7	100.8
68°	110.2	107.6	108.3	106.0	97.2	94.2	95.1	96.9	96.2	98.6	97.7
68.5°	107.3	104.6	105.2	102.9	94.3	91.3	92.2	94.0	93.3	95.8	94.7
69°	104.3	101.6	102.2	100.0	91.3	88.4	89.3	91.0	90.3	92.7	91.6
69.5°	101.2	98.7	99.3	97.0	88.4	85.5	86.4	88.2	87.5	89.8	88.7
70°	98.2	95.8	96.2	94.1	85.5	82.7	83.6	85.2	84.6	86.8	85.7
70.5°	95.4	92.8	93.4	91.0	82.7	79.7	80.7	82.4	81.7	83.9	82.8
71°	92.4	89.7	90.3	88.2	79.7	76.9	77.8	79.4	78.8	81.0	79.9
71.5°	89.4	86.9	87.4	85.2	76.9	74.0	75.0	76.6	76.0	78.0	77.0
72°	86.5	84.0	84.5	82.3	74.0	71.2	72.1	73.9	73.0	75.2	74.0
72.5°	83.6	81.1	81.6	79.3	71.2	68.4	69.4	71.1	70.2	72.3	71.2
73°	80.7	78.2	78.7	76.5	68.3	65.5	66.5	68.3	67.4	69.4	68.3
73.5°	77.7	75.4	75.9	73.6	65.4	62.8	63.9	65.5	64.7	66.6	65.4
74°	74.9	72.5	73.0	70.8	62.8	60.1	61.1	62.8	61.9	63.8	62.6
74.5°	72.0	69.6	70.2	68.0	60.0	57.5	58.4	60.0	59.2	61.0	59.8
75°	69.2	66.8	67.3	65.1	57.3	54.7	55.7	57.4	56.5	58.3	57.1
75.5°	66.4	64.0	64.6	62.4	54.6	52.1	53.0	54.7	53.8	55.5	54.4
76°	63.7	61.3	61.8	59.6	52.0	49.5	50.5	52.2	51.2	52.9	51.8
76.5°	60.9	58.6	59.0	57.0	49.4	46.9	48.0	49.5	48.6	50.3	49.2
77°	58.2	55.8	56.4	54.3	46.9	44.5	45.5	47.0	46.1	47.7	46.5
77.5°	55.4	53.1	53.7	51.7	44.4	42.0	43.0	44.5	43.5	45.1	44.0
78°	52.8	50.6	51.0	49.1	41.8	39.6	40.5	42.0	41.0	42.6	41.5
78.5°	50.3	48.0	48.4	46.5	39.5	37.2	38.1	39.6	38.6	40.1	39.0
79°	47.6	45.5	46.0	44.1	37.0	34.8	35.7	37.1	36.2	37.7	36.6
79.5°	45.1	42.9	43.4	41.6	34.6	32.5	33.4	34.8	33.9	35.3	34.2
80°	42.6	40.4	40.9	39.2	32.4	30.3	31.2	32.5	31.6	33.0	31.9
80.5°	40.2	38.0	38.4	36.7	30.2	28.0	28.9	30.2	29.2	30.6	29.6
81°	37.7	35.4	35.9	34.5	27.9	25.9	26.8	27.9	27.1	28.3	27.5
81.5°	35.7	33.3	33.7	32.3	25.8	23.8	24.6	25.8	24.9	26.3	25.3
82°	33.4	31.0	31.5	30.1	23.7	21.8	22.5	23.7	22.8	24.1	23.1
82.5°	31.1	28.8	29.3	27.9	21.7	19.8	20.5	21.7	20.9	22.0	21.2
83°	28.8	26.7	27.2	25.7	19.7	17.9	18.6	19.7	18.8	20.0	19.2
83.5°	26.5	24.5	24.9	23.5	17.8	16.0	16.7	17.7	16.8	18.0	17.2
84°	24.3	22.4	22.8	21.5	15.9	14.3	14.9	15.8	15.1	16.1	15.4
84.5°	22.2	20.4	20.9	19.5	14.2	12.5	13.0	14.0	13.2	14.3	13.6
85°	20.2	18.4	18.8	17.5	12.4	11.0	11.3	12.2	11.5	12.6	11.8
85.5°	18.2	16.5	16.9	15.7	10.9	9.5	9.9	10.7	10.1	11.0	10.3
86°	16.3	14.7	15.1	13.9	9.4	8.1	8.6	9.3	8.7	9.5	9.0
86.5°	14.5	12.9	13.3	12.2	8.1	6.6	7.1	7.9	7.2	8.1	7.5
87°	12.7	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	9.0	5.1	3.9	4.3	4.9	4.3	5.1	4.6
88°	9.3	8.1	8.5	7.5	3.9	3.0	3.2	3.7	3.2	3.9	3.5
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: P971889
CATALOG NUMBER: RLWZDZC6-2700K

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: P971889

CATALOG NUMBER: RLWZDZC6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	349.7	349.7	349.7	349.7	349.7	349.7
0.5°	349.9	349.7	349.7	349.8	349.7	349.6
1°	349.9	349.7	349.8	349.8	349.7	349.6
1.5°	349.8	349.7	349.8	349.8	349.7	349.5
2°	349.7	349.7	349.8	349.8	349.6	349.5
2.5°	349.5	349.6	349.8	349.7	349.5	349.4
3°	349.4	349.5	349.7	349.6	349.4	349.3
3.5°	349.2	349.4	349.6	349.5	349.2	349.1
4°	348.9	349.2	349.4	349.4	349.1	348.9
4.5°	348.6	349.0	349.2	349.2	348.8	348.7
5°	348.3	348.8	349.1	348.9	348.6	348.4
5.5°	348.0	348.6	348.8	348.7	348.3	348.1
6°	347.6	348.3	348.6	348.4	348.0	347.8
6.5°	347.2	347.9	348.3	348.1	347.6	347.5
7°	346.8	347.6	347.9	347.8	347.3	347.1
7.5°	346.4	347.2	347.6	347.4	346.9	346.7
8°	345.9	346.8	347.2	347.0	346.5	346.2
8.5°	345.3	346.4	346.8	346.5	346.0	345.8
9°	344.8	345.9	346.3	346.1	345.5	345.3
9.5°	344.3	345.4	345.8	345.6	344.9	344.8
10°	343.7	344.9	345.3	345.0	344.4	344.3
10.5°	343.0	344.3	344.8	344.5	343.9	343.7
11°	342.3	343.8	344.3	344.0	343.3	343.1
11.5°	341.7	343.2	343.7	343.4	342.6	342.4
12°	340.9	342.5	343.1	342.7	341.9	341.8
12.5°	340.1	341.8	342.4	342.0	341.2	341.1
13°	339.4	341.1	341.7	341.2	340.5	340.3
13.5°	338.5	340.3	340.9	340.5	339.7	339.5
14°	337.8	339.5	340.1	339.7	338.9	338.7
14.5°	336.9	338.7	339.4	338.9	338.1	338.0
15°	336.0	338.0	338.5	338.1	337.3	337.1
15.5°	335.0	337.1	337.8	337.3	336.4	336.2
16°	334.0	336.2	336.9	336.4	335.4	335.3
16.5°	333.0	335.3	336.0	335.5	334.5	334.4
17°	332.0	334.3	335.1	334.5	333.6	333.4
17.5°	331.0	333.3	334.1	333.5	332.5	332.4
18°	329.9	332.3	333.1	332.5	331.6	331.5
18.5°	328.7	331.3	332.0	331.6	330.5	330.3
19°	327.6	330.2	331.1	330.5	329.4	329.3
19.5°	326.3	329.1	330.0	329.3	328.3	328.1
20°	325.2	327.9	328.9	328.2	327.1	326.9
20.5°	324.0	326.8	327.7	327.1	325.9	325.8
21°	322.6	325.7	326.5	325.8	324.7	324.6



TEST NUMBER: P971889

CATALOG NUMBER: RLWZDZC6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	318.7	321.9	322.9	322.2	320.9	320.8
23°	317.3	320.5	321.5	320.8	319.6	319.5
23.5°	315.8	319.3	320.2	319.5	318.3	318.2
24°	314.3	317.9	319.0	318.1	316.9	316.8
24.5°	312.9	316.3	317.6	316.8	315.5	315.3
25°	311.4	314.9	316.1	315.4	314.0	313.9
25.5°	309.9	313.5	314.7	313.9	312.7	312.6
26°	308.3	312.1	313.2	312.5	311.2	311.1
26.5°	306.9	310.6	311.8	311.1	309.6	309.5
27°	305.3	309.0	310.3	309.6	308.1	308.0
27.5°	303.7	307.5	308.8	308.0	306.7	306.6
28°	302.1	306.0	307.2	306.5	305.1	305.0
28.5°	300.4	304.4	305.7	304.9	303.5	303.4
29°	298.7	302.8	304.1	303.3	301.9	301.8
29.5°	297.0	301.1	302.5	301.7	300.4	300.2
30°	295.3	299.6	300.9	300.1	298.7	298.6
30.5°	293.6	297.8	299.3	298.4	297.0	296.9
31°	291.8	296.1	297.6	296.7	295.3	295.2
31.5°	290.0	294.5	295.9	295.0	293.7	293.5
32°	288.3	292.7	294.3	293.4	291.9	291.8
32.5°	286.5	290.9	292.5	291.6	290.1	290.0
33°	284.5	289.1	290.7	289.9	288.4	288.3
33.5°	282.6	287.4	288.9	288.1	286.6	286.5
34°	280.8	285.6	287.2	286.3	284.8	284.7
34.5°	278.9	283.6	285.4	284.4	282.9	282.8
35°	276.9	281.8	283.4	282.6	281.1	281.0
35.5°	274.9	279.9	281.7	280.7	279.2	279.1
36°	272.9	278.0	279.7	278.9	277.3	277.2
36.5°	270.8	276.1	277.7	276.9	275.4	275.3
37°	268.7	274.0	275.8	275.0	273.4	273.4
37.5°	266.6	272.0	273.8	273.0	271.3	271.3
38°	264.4	269.9	271.8	270.9	269.4	269.3
38.5°	262.3	267.8	269.8	268.9	267.2	267.2
39°	260.0	265.6	267.7	266.8	265.1	265.1
39.5°	257.8	263.6	265.5	264.7	263.1	263.0
40°	255.5	261.3	263.4	262.6	260.9	260.8
40.5°	253.2	259.1	261.1	260.3	258.7	258.6
41°	251.0	256.9	258.9	258.1	256.5	256.5
41.5°	248.6	254.6	256.7	255.9	254.2	254.2
42°	246.2	252.2	254.5	253.6	251.9	251.9
42.5°	243.9	250.1	252.2	251.3	249.7	249.7
43°	241.6	247.7	250.0	249.1	247.4	247.4
43.5°	239.1	245.3	247.6	246.7	245.0	245.1



TEST NUMBER: P971889

CATALOG NUMBER: RLWZDZC6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	231.8	238.2	240.5	239.7	238.0	238.1
45.5°	229.3	235.7	238.1	237.3	235.6	235.6
46°	226.6	233.3	235.7	234.8	233.1	233.2
46.5°	224.2	230.8	233.2	232.5	230.8	230.9
47°	221.6	228.3	230.8	230.0	228.3	228.4
47.5°	219.1	225.8	228.3	227.5	225.9	225.9
48°	216.5	223.3	225.8	225.0	223.3	223.3
48.5°	213.9	220.6	223.2	222.4	220.7	220.8
49°	211.2	218.2	220.7	220.0	218.2	218.4
49.5°	208.5	215.6	218.2	217.4	215.6	215.8
50°	205.9	213.0	215.5	214.8	213.1	213.3
50.5°	203.2	210.3	212.9	212.2	210.4	210.7
51°	200.5	207.7	210.2	209.5	207.8	207.9
51.5°	197.7	205.0	207.7	206.9	205.1	205.4
52°	195.0	202.2	204.9	204.2	202.4	202.7
52.5°	192.2	199.6	202.2	201.6	199.8	200.1
53°	189.3	196.8	199.5	198.8	197.1	197.3
53.5°	186.5	194.1	196.8	196.0	194.4	194.7
54°	183.7	191.2	194.1	193.3	191.6	191.9
54.5°	180.9	188.5	191.3	190.5	188.9	189.2
55°	177.9	185.7	188.5	187.8	186.1	186.4
55.5°	175.1	182.9	185.7	185.0	183.2	183.6
56°	172.2	179.9	182.9	182.2	180.5	180.9
56.5°	169.3	177.1	180.0	179.3	177.6	178.0
57°	166.3	174.2	177.1	176.5	174.8	175.3
57.5°	163.3	171.3	174.3	173.6	171.9	172.4
58°	160.3	168.5	171.3	170.6	169.1	169.5
58.5°	157.4	165.5	168.5	167.8	166.1	166.6
59°	154.4	162.5	165.6	164.9	163.2	163.8
59.5°	151.4	159.5	162.7	162.0	160.2	160.8
60°	148.4	156.6	159.6	159.0	157.4	158.0
60.5°	145.4	153.6	156.8	156.1	154.4	155.0
61°	142.4	150.6	153.8	153.1	151.5	152.0
61.5°	139.3	147.6	150.9	150.2	148.5	149.1
62°	136.2	144.7	147.9	147.2	145.6	146.1
62.5°	133.3	141.6	144.9	144.3	142.6	143.2
63°	130.1	138.7	141.8	141.2	139.6	140.2
63.5°	127.2	135.6	138.9	138.2	136.5	137.3
64°	124.0	132.5	135.8	135.2	133.5	134.3
64.5°	121.0	129.5	132.8	132.2	130.5	131.3
65°	117.9	126.5	129.8	129.2	127.5	128.2
65.5°	114.8	123.5	126.8	126.2	124.5	125.3
66°	111.8	120.4	123.7	123.1	121.5	122.2

TEST NUMBER: P971889

CATALOG NUMBER: RLWZDZC6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	102.6	111.2	114.6	114.1	112.4	113.3
68°	99.6	108.2	111.5	111.0	109.4	110.2
68.5°	96.6	105.1	108.6	108.0	106.4	107.3
69°	93.6	102.1	105.5	104.9	103.3	104.3
69.5°	90.6	99.1	102.4	102.0	100.4	101.2
70°	87.6	96.1	99.5	99.0	97.4	98.2
70.5°	84.6	93.1	96.5	96.0	94.5	95.4
71°	81.7	90.0	93.4	93.0	91.4	92.4
71.5°	78.7	87.1	90.4	90.0	88.5	89.4
72°	75.8	84.0	87.5	87.1	85.5	86.5
72.5°	72.9	81.2	84.5	84.0	82.7	83.6
73°	70.0	78.1	81.6	81.2	79.7	80.7
73.5°	67.1	75.3	78.6	78.2	76.9	77.7
74°	64.3	72.3	75.8	75.4	73.9	74.9
74.5°	61.5	69.5	72.9	72.4	71.2	72.0
75°	58.8	66.7	70.1	69.7	68.4	69.2
75.5°	56.0	63.9	67.1	66.8	65.5	66.4
76°	53.3	61.0	64.4	64.0	62.8	63.7
76.5°	50.7	58.3	61.5	61.1	60.0	60.9
77°	48.0	55.5	58.8	58.5	57.4	58.2
77.5°	45.5	52.8	56.0	55.7	54.7	55.4
78°	42.9	50.2	53.3	53.1	52.0	52.8
78.5°	40.4	47.5	50.7	50.5	49.4	50.3
79°	38.0	45.0	48.0	47.8	46.8	47.6
79.5°	35.5	42.4	45.4	45.2	44.4	45.1
80°	33.3	39.9	42.8	42.7	41.8	42.6
80.5°	30.9	37.5	40.3	40.2	39.3	40.2
81°	28.6	35.0	37.8	37.8	37.0	37.7
81.5°	26.4	32.6	35.6	35.7	34.7	35.7
82°	24.3	30.4	33.3	33.4	32.5	33.4
82.5°	22.2	28.2	31.0	31.0	30.2	31.1
83°	20.2	26.1	28.6	28.6	27.9	28.8
83.5°	18.2	23.9	26.3	26.3	25.7	26.5
84°	16.2	21.7	24.1	24.2	23.5	24.3
84.5°	14.4	19.7	21.9	22.0	21.5	22.2
85°	12.6	17.7	20.0	20.1	19.5	20.2
85.5°	11.1	15.8	18.0	18.0	17.5	18.2
86°	9.6	14.0	16.0	16.1	15.5	16.3
86.5°	8.2	12.2	14.1	14.3	13.7	14.5
87°	6.7	10.5	12.4	12.4	12.0	12.7
87.5°	5.1	9.0	10.7	10.7	10.3	10.9
88°	3.9	7.5	9.2	9.2	8.8	9.3
88.5°	3.0	6.1	7.6	7.7	7.3	7.9



TEST NUMBER: P971889

CATALOG NUMBER: RLWZDZC6-2700K

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°	323.3	322.0	322.4	321.7	318.2	317.3	318.3	319.5	319.4	320.8	320.6
22°	322.1	320.7	321.0	320.4	316.8	315.9	316.9	318.1	318.0	319.5	319.3



44°	242.8	240.3	240.7	239.2	232.6	230.5	231.8	233.7	233.4	235.8	235.2
44.5°	240.4	238.0	238.4	236.9	230.1	228.0	229.3	231.2	230.9	233.2	232.6



66.5°	119.3	116.6	117.2	114.9	106.2	103.1	104.1	105.9	105.2	107.8	106.9
67°	116.2	113.5	114.3	112.0	103.2	100.2	101.1	102.9	102.3	104.7	103.8



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°	321.3	324.5	325.4	324.7	323.5	323.3
22°	320.0	323.1	324.2	323.4	322.2	322.1



44°	236.7	243.0	245.2	244.5	242.8	242.8
44.5°	234.2	240.6	242.9	242.1	240.4	240.4



66.5°	108.7	117.3	120.7	120.1	118.5	119.3
67°	105.7	114.3	117.6	117.1	115.4	116.2



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)