

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: P971894

Luminaire Tested: RLWZDZC6-6500K

Issue Date: 2/18/2025

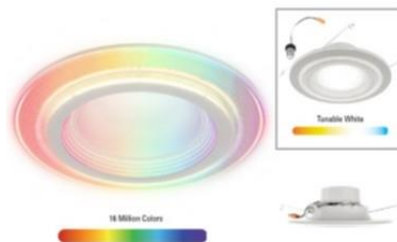
Test Information

Test Method: LM-79-2019
Report Number: P971894
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: RLWZDZC6-6500K
Description: RLDZ6" Canless 1000lm, WiZ RGBW, 120V, WH, with NIGHTLIGHT
Light Source: WiZ RGBW CONTROLLED 90CRI / 6500K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1015.0 lumens
Efficiency: N/A
Efficacy: 94.9 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

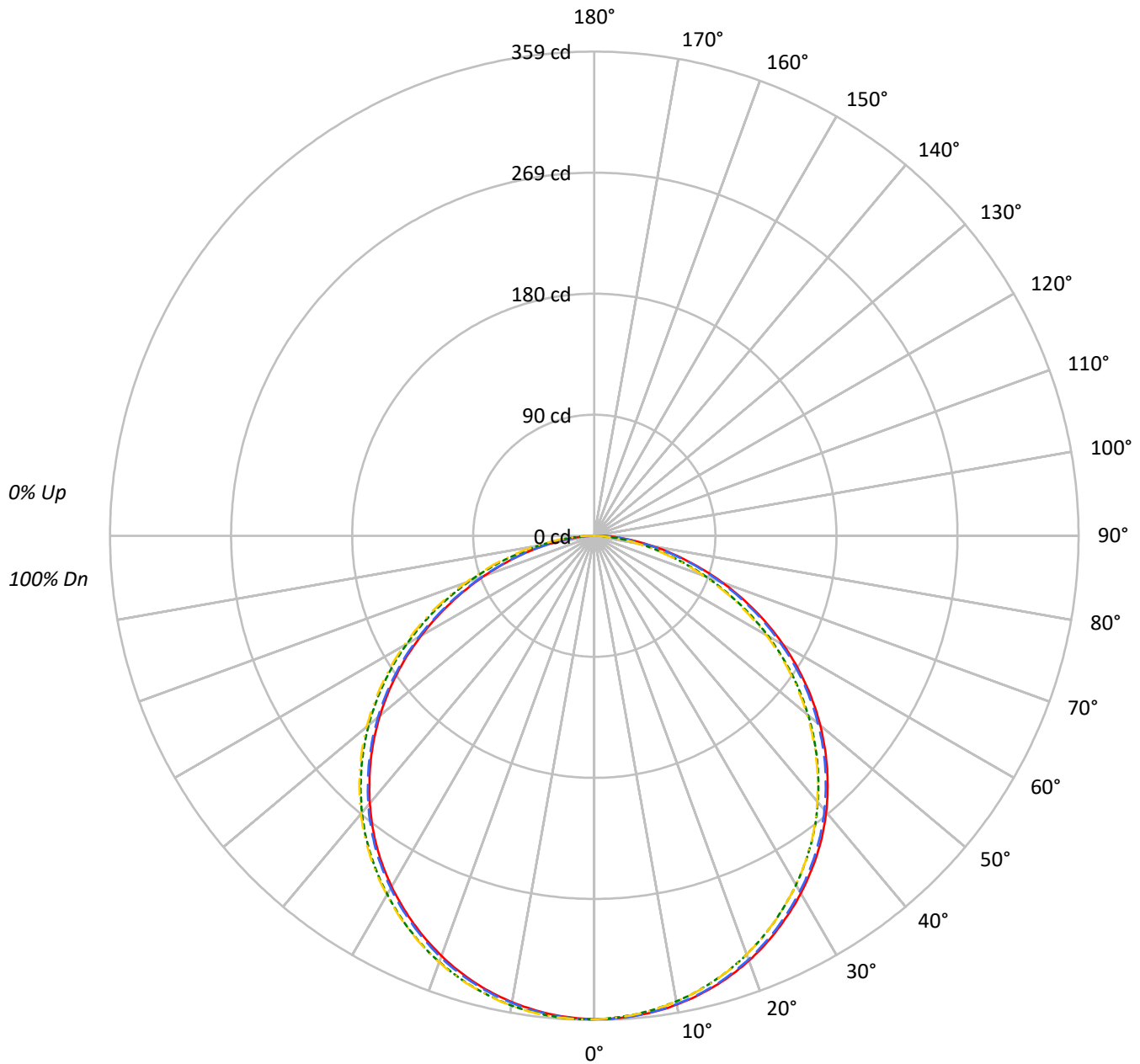
Input Watts (W): 10.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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CATALOG NUMBER: RLWZDZC6-6500K

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°	19653	19653	19653	19653
5°	19657	19596	19607	19679
10°	19644	19511	19544	19689
15°	19614	19404	19461	19665
20°	19555	19263	19339	19613
25°	19471	19102	19181	19531
30°	19376	18921	19016	19440
35°	19281	18725	18819	19334
40°	19136	18442	18528	19172
45°	18924	18095	18157	18932
50°	18643	17654	17680	18618
55°	18265	17079	17079	18198
60°	17751	16314	16260	17597
65°	17058	15332	15203	16824
70°	16141	14057	13913	15788
75°	15017	12433	12264	14488
80°	13796	10481	10229	12912
85°	13020	7988	7422	11448

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 89.5°

Luminance: 32666 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.9	3.3
10°-20°	97.2	9.6
20°-30°	147.3	14.5
30°-40°	177.9	17.5
40°-50°	184.3	18.2
50°-60°	165.0	16.3
60°-70°	122.8	12.1
70°-80°	68.0	6.7
80°-90°	18.6	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°	278.4	27.4
0°-40°	456.3	45.0
0°-60°	805.5	79.4
0°-90°	1015.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1015.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	358	358	358	358	358	
5°	357	356	356	358	357	34
15°	346	342	343	346	346	98
25°	322	316	317	323	322	148
35°	288	280	281	289	288	180
45°	244	233	234	244	244	188
55°	191	179	179	190	191	171
65°	132	118	117	130	132	130
75°	71	59	58	68	71	75
85°	21	13	12	18	21	24
90°	0	0	0	0	0	



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CATALOG NUMBER: RLWZDZC6-6500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5
0.5°	358.4	358.4	358.5	358.7	358.3	358.3	358.4	358.4	358.3	358.4	358.5
1°	358.4	358.3	358.5	358.6	358.2	358.2	358.3	358.3	358.2	358.3	358.5
1.5°	358.3	358.3	358.4	358.6	358.0	358.0	358.1	358.2	358.1	358.2	358.4
2°	358.3	358.2	358.3	358.5	357.8	357.8	358.0	358.0	357.9	358.1	358.2
2.5°	358.2	358.0	358.2	358.3	357.6	357.5	357.7	357.8	357.7	357.9	358.1
3°	358.1	357.9	358.1	358.2	357.4	357.3	357.5	357.6	357.5	357.8	357.9
3.5°	357.9	357.7	357.9	358.0	357.0	357.0	357.2	357.4	357.2	357.6	357.7
4°	357.7	357.4	357.7	357.7	356.7	356.6	356.9	357.1	357.0	357.3	357.4
4.5°	357.5	357.2	357.4	357.4	356.4	356.3	356.6	356.8	356.7	357.0	357.1
5°	357.2	356.9	357.1	357.2	356.1	355.9	356.2	356.4	356.3	356.7	356.8
5.5°	356.9	356.6	356.8	356.8	355.6	355.5	355.8	356.0	356.0	356.4	356.5
6°	356.6	356.2	356.5	356.5	355.2	355.0	355.4	355.6	355.5	356.0	356.0
6.5°	356.3	355.9	356.1	356.1	354.7	354.5	354.9	355.2	355.1	355.6	355.6
7°	355.9	355.5	355.7	355.6	354.2	354.0	354.4	354.7	354.6	355.2	355.2
7.5°	355.5	355.0	355.2	355.2	353.7	353.3	353.8	354.2	354.1	354.7	354.8
8°	355.0	354.5	354.8	354.7	353.0	352.7	353.1	353.7	353.5	354.2	354.2
8.5°	354.6	354.0	354.3	354.2	352.4	352.1	352.6	353.0	353.0	353.7	353.7
9°	354.1	353.4	353.8	353.5	351.8	351.5	351.9	352.4	352.4	353.0	353.1
9.5°	353.5	352.9	353.1	352.9	351.2	350.8	351.3	351.8	351.8	352.5	352.5
10°	352.9	352.3	352.5	352.3	350.5	350.1	350.6	351.1	351.1	351.8	351.8
10.5°	352.3	351.7	351.9	351.7	349.8	349.4	349.9	350.5	350.4	351.2	351.1
11°	351.7	351.0	351.2	351.0	349.0	348.6	349.1	349.7	349.7	350.5	350.4
11.5°	351.0	350.3	350.6	350.3	348.3	347.8	348.4	349.0	349.0	349.8	349.7
12°	350.4	349.6	349.9	349.6	347.5	347.0	347.6	348.2	348.2	349.0	349.0
12.5°	349.7	348.9	349.1	348.8	346.6	346.1	346.7	347.5	347.4	348.3	348.2
13°	348.9	348.1	348.3	348.1	345.8	345.2	345.9	346.6	346.5	347.4	347.4
13.5°	348.1	347.3	347.6	347.2	344.8	344.3	345.0	345.7	345.7	346.6	346.6
14°	347.3	346.4	346.7	346.4	343.9	343.4	344.0	344.8	344.8	345.7	345.7
14.5°	346.5	345.6	345.9	345.5	342.9	342.3	343.1	343.9	343.8	344.9	344.8
15°	345.6	344.7	345.0	344.6	341.9	341.3	342.0	342.9	342.9	343.9	343.8
15.5°	344.7	343.7	344.1	343.6	340.9	340.3	341.0	341.8	341.8	343.0	342.9
16°	343.8	342.8	343.1	342.7	339.9	339.2	339.9	340.8	340.8	341.9	341.8
16.5°	342.9	341.7	342.0	341.6	338.7	338.1	338.8	339.8	339.7	340.9	340.8
17°	341.8	340.7	341.0	340.5	337.6	337.0	337.7	338.7	338.6	339.8	339.8
17.5°	340.8	339.6	339.9	339.5	336.5	335.8	336.6	337.6	337.5	338.8	338.6
18°	339.8	338.5	338.9	338.4	335.3	334.6	335.4	336.4	336.4	337.6	337.5
18.5°	338.6	337.4	337.7	337.3	334.1	333.3	334.2	335.2	335.2	336.5	336.4
19°	337.6	336.3	336.6	336.1	332.9	332.1	333.0	334.0	334.0	335.3	335.2
19.5°	336.4	335.2	335.5	334.9	331.6	330.7	331.7	332.8	332.8	334.1	333.9
20°	335.2	334.0	334.3	333.7	330.2	329.4	330.3	331.5	331.5	332.8	332.7
20.5°	334.1	332.8	333.1	332.5	328.9	328.1	329.0	330.1	330.1	331.6	331.4
21°	332.8	331.5	331.8	331.1	327.6	326.7	327.6	328.8	328.7	330.2	330.0

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	328.9	327.5	327.8	327.1	323.4	322.5	323.4	324.7	324.6	326.1	325.9
23°	327.5	326.1	326.4	325.7	321.9	321.0	321.9	323.2	323.2	324.7	324.5
23.5°	326.2	324.7	325.1	324.3	320.5	319.4	320.4	321.8	321.7	323.3	323.0
24°	324.8	323.3	323.6	322.9	318.9	317.9	318.9	320.3	320.2	321.8	321.5
24.5°	323.3	321.9	322.2	321.5	317.4	316.4	317.3	318.6	318.6	320.3	320.0
25°	321.9	320.3	320.7	319.8	315.8	314.8	315.8	317.1	317.1	318.7	318.4
25.5°	320.5	318.8	319.1	318.3	314.2	313.2	314.2	315.6	315.5	317.2	316.8
26°	318.9	317.3	317.6	316.8	312.6	311.6	312.6	314.0	314.0	315.6	315.3
26.5°	317.3	315.7	316.0	315.3	311.0	310.0	311.0	312.3	312.4	314.0	313.7
27°	315.8	314.2	314.5	313.7	309.3	308.2	309.4	310.7	310.7	312.4	312.1
27.5°	314.3	312.6	312.9	312.1	307.6	306.5	307.6	309.1	309.1	310.8	310.5
28°	312.7	311.0	311.3	310.5	305.9	304.8	305.9	307.4	307.3	309.2	308.8
28.5°	311.1	309.4	309.7	308.9	304.2	303.1	304.2	305.6	305.6	307.4	307.0
29°	309.5	307.6	308.0	307.1	302.5	301.3	302.5	303.9	303.9	305.7	305.3
29.5°	307.7	306.0	306.3	305.4	300.7	299.6	300.7	302.2	302.2	304.0	303.6
30°	306.1	304.3	304.6	303.7	298.9	297.8	298.9	300.4	300.4	302.2	301.8
30.5°	304.4	302.5	302.9	301.9	297.0	295.8	297.0	298.6	298.6	300.4	300.0
31°	302.7	300.8	301.1	300.2	295.2	294.0	295.2	296.7	296.7	298.6	298.2
31.5°	300.9	299.1	299.4	298.4	293.4	292.2	293.3	294.9	294.9	296.7	296.3
32°	299.2	297.2	297.4	296.5	291.6	290.3	291.5	293.0	293.0	294.9	294.5
32.5°	297.3	295.4	295.6	294.7	289.6	288.3	289.5	291.2	291.1	293.0	292.6
33°	295.5	293.5	293.8	292.8	287.7	286.4	287.6	289.3	289.2	291.1	290.7
33.5°	293.7	291.6	292.0	291.0	285.7	284.4	285.5	287.4	287.3	289.2	288.8
34°	291.9	289.8	290.1	289.1	283.7	282.4	283.6	285.3	285.2	287.3	286.9
34.5°	290.0	287.9	288.2	287.1	281.7	280.4	281.6	283.3	283.2	285.2	284.8
35°	288.1	285.9	286.2	285.1	279.8	278.3	279.5	281.3	281.2	283.2	282.8
35.5°	286.1	283.9	284.3	283.2	277.7	276.2	277.5	279.2	279.1	281.1	280.7
36°	284.2	282.0	282.3	281.2	275.6	274.0	275.3	277.1	277.0	279.1	278.6
36.5°	282.2	280.0	280.3	279.2	273.4	271.9	273.1	274.8	274.7	277.0	276.5
37°	280.3	278.0	278.3	277.1	271.2	269.7	270.9	272.7	272.6	274.7	274.2
37.5°	278.2	275.9	276.2	274.9	269.1	267.4	268.7	270.5	270.4	272.6	272.0
38°	276.1	273.7	274.0	272.8	266.9	265.3	266.5	268.4	268.2	270.3	269.8
38.5°	273.9	271.6	271.9	270.7	264.6	262.9	264.2	266.1	265.8	268.1	267.6
39°	271.8	269.4	269.8	268.5	262.3	260.6	261.8	263.7	263.5	265.8	265.3
39.5°	269.6	267.2	267.6	266.3	260.0	258.3	259.5	261.3	261.2	263.4	262.9
40°	267.4	265.0	265.4	264.1	257.7	255.9	257.2	259.1	258.9	261.1	260.6
40.5°	265.2	262.7	263.1	261.7	255.4	253.5	254.8	256.7	256.5	258.8	258.2
41°	262.9	260.5	260.8	259.5	253.1	251.1	252.4	254.4	254.1	256.4	255.9
41.5°	260.6	258.2	258.6	257.1	250.6	248.7	250.0	251.8	251.7	254.1	253.5
42°	258.3	255.9	256.2	254.9	248.2	246.3	247.6	249.5	249.2	251.6	251.0
42.5°	256.0	253.6	254.0	252.4	245.8	243.8	245.1	247.0	246.8	249.2	248.6
43°	253.7	251.2	251.5	250.0	243.4	241.3	242.7	244.6	244.4	246.7	246.1
43.5°	251.3	248.8	249.1	247.7	240.9	238.8	240.1	242.2	241.8	244.2	243.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	244.1	241.6	242.0	240.3	233.4	231.3	232.5	234.5	234.2	236.6	236.0
45.5°	241.6	239.0	239.5	237.9	230.9	228.6	229.9	232.0	231.6	234.1	233.5
46°	239.1	236.6	237.0	235.4	228.2	226.0	227.3	229.2	228.9	231.5	230.9
46.5°	236.7	234.1	234.5	232.9	225.7	223.4	224.6	226.7	226.4	228.8	228.2
47°	234.2	231.6	232.0	230.3	223.1	220.8	222.0	224.0	223.7	226.2	225.6
47.5°	231.6	228.9	229.4	227.7	220.4	218.1	219.4	221.5	221.1	223.6	223.1
48°	228.9	226.4	226.9	225.2	217.8	215.4	216.7	218.7	218.3	220.9	220.4
48.5°	226.4	223.8	224.3	222.6	215.1	212.8	213.9	216.0	215.6	218.1	217.6
49°	223.9	221.3	221.6	219.9	212.4	210.1	211.3	213.3	212.9	215.4	214.8
49.5°	221.3	218.5	219.1	217.2	209.7	207.2	208.5	210.5	210.2	212.7	212.2
50°	218.6	215.9	216.4	214.6	207.0	204.5	205.7	207.8	207.3	210.0	209.5
50.5°	216.0	213.3	213.8	212.0	204.2	201.8	202.9	205.0	204.5	207.1	206.6
51°	213.2	210.6	211.1	209.3	201.5	199.0	200.2	202.2	201.8	204.4	203.8
51.5°	210.6	207.9	208.4	206.5	198.8	196.1	197.4	199.4	199.0	201.7	201.0
52°	207.9	205.1	205.6	203.8	195.8	193.2	194.4	196.6	196.1	198.8	198.1
52.5°	205.1	202.4	202.9	201.0	193.0	190.5	191.6	193.7	193.2	195.8	195.2
53°	202.3	199.7	200.1	198.2	190.3	187.6	188.7	190.8	190.4	193.0	192.3
53.5°	199.6	196.9	197.4	195.5	187.4	184.6	185.9	187.9	187.5	190.2	189.5
54°	196.8	194.0	194.5	192.6	184.4	181.8	182.9	184.9	184.5	187.2	186.5
54.5°	193.9	191.2	191.7	189.8	181.6	178.9	180.0	182.1	181.6	184.2	183.5
55°	191.1	188.4	188.9	186.9	178.7	175.9	177.0	179.2	178.7	181.2	180.6
55.5°	188.3	185.6	186.0	184.0	175.8	172.9	174.1	176.2	175.7	178.4	177.6
56°	185.5	182.5	183.1	181.2	172.7	169.9	171.1	173.1	172.6	175.4	174.7
56.5°	182.5	179.8	180.3	178.3	169.8	167.0	168.1	170.2	169.6	172.3	171.6
57°	179.7	176.9	177.4	175.4	166.9	164.0	165.1	167.1	166.7	169.3	168.6
57.5°	176.8	173.9	174.5	172.4	163.9	160.9	162.0	164.2	163.7	166.4	165.6
58°	173.7	171.0	171.5	169.4	160.9	157.9	159.1	161.1	160.5	163.3	162.5
58.5°	170.8	168.0	168.5	166.6	157.9	154.9	156.0	158.0	157.5	160.2	159.4
59°	167.9	165.1	165.6	163.6	154.9	151.9	153.0	155.0	154.4	157.1	156.3
59.5°	164.9	162.1	162.5	160.6	151.8	148.8	149.8	152.0	151.3	154.1	153.3
60°	161.9	159.1	159.6	157.6	148.8	145.7	146.8	148.8	148.3	150.9	150.2
60.5°	158.9	156.1	156.6	154.6	145.8	142.7	143.8	145.7	145.2	147.9	147.1
61°	155.9	153.2	153.7	151.5	142.7	139.6	140.8	142.7	142.1	144.8	144.0
61.5°	152.9	150.1	150.6	148.4	139.6	136.6	137.6	139.6	139.0	141.7	140.9
62°	149.8	147.0	147.6	145.5	136.6	133.5	134.5	136.5	135.9	138.5	137.7
62.5°	146.8	144.1	144.5	142.4	133.5	130.4	131.5	133.3	132.8	135.4	134.6
63°	143.8	141.0	141.6	139.3	130.5	127.3	128.3	130.3	129.7	132.3	131.5
63.5°	140.8	137.9	138.5	136.3	127.3	124.2	125.3	127.2	126.5	129.2	128.3
64°	137.7	134.9	135.5	133.2	124.2	121.2	122.2	124.1	123.4	126.0	125.2
64.5°	134.6	131.9	132.4	130.2	121.2	118.2	119.1	121.0	120.3	122.9	122.1
65°	131.5	128.6	129.4	127.1	118.2	114.9	115.9	117.8	117.2	119.9	119.0
65.5°	128.4	125.7	126.2	123.9	115.0	111.8	112.9	114.7	114.0	116.6	115.8
66°	125.3	122.7	123.2	121.0	111.9	108.8	109.8	111.6	111.0	113.5	112.7

TEST NUMBER: P971894

CATALOG NUMBER: RLWZDZC6-6500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	116.1	113.4	114.0	111.7	102.7	99.7	100.6	102.4	101.7	104.2	103.3
68°	113.0	110.3	111.0	108.7	99.7	96.6	97.5	99.4	98.7	101.1	100.2
68.5°	110.0	107.3	107.9	105.5	96.7	93.6	94.5	96.4	95.7	98.2	97.1
69°	107.0	104.1	104.7	102.5	93.6	90.6	91.5	93.3	92.6	95.0	93.9
69.5°	103.7	101.2	101.8	99.5	90.6	87.7	88.6	90.4	89.7	92.0	90.9
70°	100.7	98.2	98.7	96.5	87.7	84.8	85.7	87.4	86.8	89.0	87.9
70.5°	97.8	95.1	95.8	93.3	84.8	81.7	82.7	84.5	83.7	86.1	84.9
71°	94.7	91.9	92.6	90.4	81.7	78.8	79.8	81.4	80.8	83.0	81.9
71.5°	91.6	89.1	89.6	87.4	78.8	75.9	76.9	78.5	77.9	80.0	78.9
72°	88.7	86.2	86.7	84.4	75.9	72.9	74.0	75.8	74.9	77.1	75.9
72.5°	85.7	83.1	83.6	81.3	72.9	70.1	71.1	72.8	71.9	74.2	72.9
73°	82.7	80.2	80.7	78.4	70.0	67.2	68.2	70.0	69.1	71.1	70.0
73.5°	79.7	77.3	77.8	75.5	67.1	64.4	65.5	67.2	66.3	68.3	67.1
74°	76.8	74.4	74.9	72.5	64.4	61.6	62.7	64.4	63.5	65.4	64.2
74.5°	73.9	71.3	71.9	69.7	61.5	58.9	59.8	61.5	60.7	62.6	61.3
75°	70.9	68.5	69.0	66.8	58.7	56.1	57.1	58.8	57.9	59.7	58.5
75.5°	68.1	65.6	66.2	64.0	56.0	53.4	54.4	56.1	55.2	56.9	55.8
76°	65.3	62.9	63.4	61.1	53.3	50.8	51.8	53.5	52.5	54.3	53.1
76.5°	62.5	60.0	60.5	58.4	50.7	48.1	49.2	50.8	49.8	51.6	50.4
77°	59.6	57.2	57.8	55.7	48.1	45.6	46.6	48.2	47.2	48.9	47.7
77.5°	56.8	54.5	55.1	53.0	45.5	43.1	44.1	45.6	44.6	46.2	45.1
78°	54.2	51.9	52.3	50.3	42.9	40.6	41.6	43.1	42.1	43.7	42.6
78.5°	51.6	49.2	49.6	47.7	40.5	38.1	39.0	40.6	39.6	41.1	40.0
79°	48.8	46.6	47.1	45.2	37.9	35.7	36.6	38.0	37.1	38.6	37.5
79.5°	46.2	44.0	44.5	42.7	35.5	33.3	34.2	35.7	34.7	36.2	35.1
80°	43.7	41.5	42.0	40.2	33.2	31.1	32.0	33.3	32.4	33.8	32.7
80.5°	41.2	38.9	39.4	37.6	31.0	28.8	29.7	31.0	30.0	31.4	30.4
81°	38.6	36.3	36.8	35.4	28.7	26.5	27.4	28.7	27.7	29.1	28.2
81.5°	36.6	34.1	34.5	33.1	26.4	24.4	25.2	26.4	25.5	26.9	25.9
82°	34.2	31.8	32.3	30.9	24.3	22.4	23.1	24.3	23.4	24.7	23.7
82.5°	31.9	29.6	30.1	28.6	22.2	20.3	21.0	22.2	21.4	22.6	21.7
83°	29.6	27.3	27.8	26.3	20.2	18.4	19.1	20.2	19.3	20.5	19.7
83.5°	27.1	25.1	25.5	24.1	18.3	16.4	17.2	18.2	17.3	18.5	17.7
84°	24.9	23.0	23.4	22.0	16.3	14.6	15.2	16.2	15.4	16.5	15.7
84.5°	22.8	20.9	21.4	20.0	14.5	12.8	13.3	14.3	13.5	14.6	13.9
85°	20.7	18.9	19.3	18.0	12.7	11.3	11.6	12.5	11.8	12.9	12.1
85.5°	18.7	17.0	17.4	16.1	11.2	9.8	10.2	11.0	10.4	11.3	10.6
86°	16.7	15.0	15.4	14.2	9.7	8.3	8.8	9.6	8.9	9.8	9.2
86.5°	14.8	13.2	13.6	12.5	8.3	6.8	7.3	8.1	7.4	8.3	7.7
87°	13.0	11.5	11.8	10.8	6.8	5.2	5.9	6.6	6.0	6.8	6.2
87.5°	11.2	9.9	10.3	9.2	5.2	4.0	4.4	5.0	4.4	5.2	4.7
88°	9.6	8.3	8.7	7.7	4.0	3.0	3.3	3.8	3.3	4.0	3.6
88.5°	8.1	6.9	7.2	6.4	3.0	2.2	2.4	2.8	2.5	3.0	2.6



TEST NUMBER: P971894
CATALOG NUMBER: RLWZDZC6-6500K

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: P971894

CATALOG NUMBER: RLWZDZC6-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	358.5	358.5	358.5	358.5	358.5	358.5
0.5°	358.7	358.5	358.5	358.6	358.5	358.4
1°	358.7	358.5	358.6	358.6	358.5	358.4
1.5°	358.6	358.5	358.6	358.6	358.5	358.3
2°	358.5	358.5	358.6	358.6	358.4	358.3
2.5°	358.3	358.4	358.6	358.5	358.3	358.2
3°	358.2	358.3	358.5	358.4	358.2	358.1
3.5°	358.0	358.2	358.4	358.3	358.0	357.9
4°	357.7	358.0	358.2	358.2	357.9	357.7
4.5°	357.4	357.8	358.0	358.0	357.6	357.5
5°	357.1	357.6	357.9	357.7	357.4	357.2
5.5°	356.8	357.4	357.6	357.5	357.1	356.9
6°	356.4	357.1	357.4	357.2	356.8	356.6
6.5°	356.0	356.7	357.1	356.9	356.4	356.3
7°	355.6	356.4	356.7	356.6	356.1	355.9
7.5°	355.2	356.0	356.4	356.2	355.7	355.5
8°	354.7	355.6	356.0	355.8	355.3	355.0
8.5°	354.1	355.2	355.6	355.3	354.8	354.6
9°	353.5	354.7	355.1	354.9	354.3	354.1
9.5°	352.9	354.2	354.6	354.4	353.7	353.5
10°	352.3	353.7	354.1	353.8	353.1	352.9
10.5°	351.6	353.0	353.5	353.2	352.5	352.3
11°	350.9	352.4	352.9	352.6	351.9	351.7
11.5°	350.3	351.8	352.3	352.0	351.2	351.0
12°	349.5	351.1	351.7	351.3	350.5	350.4
12.5°	348.7	350.4	351.0	350.6	349.8	349.7
13°	348.0	349.7	350.3	349.8	349.1	348.9
13.5°	347.1	348.9	349.5	349.1	348.3	348.1
14°	346.3	348.1	348.7	348.3	347.5	347.3
14.5°	345.4	347.3	348.0	347.5	346.6	346.5
15°	344.5	346.5	347.1	346.7	345.8	345.6
15.5°	343.5	345.6	346.3	345.8	344.9	344.7
16°	342.5	344.7	345.4	344.9	343.9	343.8
16.5°	341.4	343.8	344.5	344.0	343.0	342.9
17°	340.4	342.8	343.6	343.0	342.0	341.8
17.5°	339.3	341.7	342.6	341.9	340.9	340.8
18°	338.2	340.7	341.5	340.9	339.9	339.8
18.5°	337.0	339.6	340.4	339.9	338.8	338.6
19°	335.9	338.5	339.4	338.8	337.7	337.6
19.5°	334.6	337.4	338.3	337.6	336.6	336.4
20°	333.4	336.2	337.2	336.5	335.4	335.2
20.5°	332.2	335.1	336.0	335.4	334.2	334.1
21°	330.7	333.9	334.8	334.1	332.9	332.8



TEST NUMBER: P971894

CATALOG NUMBER: RLWZDZC6-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	326.7	330.0	331.0	330.3	329.0	328.9
23°	325.3	328.6	329.6	328.9	327.7	327.5
23.5°	323.8	327.3	328.3	327.6	326.3	326.2
24°	322.3	325.9	327.0	326.1	324.9	324.8
24.5°	320.8	324.3	325.6	324.8	323.5	323.3
25°	319.2	322.9	324.1	323.4	322.0	321.9
25.5°	317.7	321.5	322.7	321.9	320.6	320.5
26°	316.1	320.0	321.1	320.4	319.0	318.9
26.5°	314.6	318.4	319.6	318.9	317.4	317.3
27°	313.0	316.8	318.1	317.4	315.9	315.8
27.5°	311.4	315.3	316.6	315.8	314.4	314.3
28°	309.8	313.7	315.0	314.2	312.8	312.7
28.5°	307.9	312.1	313.4	312.6	311.2	311.1
29°	306.2	310.5	311.8	311.0	309.6	309.5
29.5°	304.5	308.8	310.2	309.4	307.9	307.7
30°	302.8	307.1	308.5	307.6	306.2	306.1
30.5°	301.0	305.3	306.8	305.9	304.5	304.4
31°	299.2	303.6	305.1	304.2	302.8	302.7
31.5°	297.3	301.9	303.4	302.5	301.1	300.9
32°	295.5	300.1	301.7	300.8	299.3	299.2
32.5°	293.7	298.3	299.9	299.0	297.4	297.3
33°	291.7	296.4	298.1	297.2	295.6	295.5
33.5°	289.8	294.6	296.2	295.3	293.8	293.7
34°	287.9	292.8	294.4	293.5	292.0	291.9
34.5°	285.9	290.8	292.6	291.6	290.1	290.0
35°	283.9	288.9	290.6	289.8	288.2	288.1
35.5°	281.8	287.0	288.8	287.8	286.2	286.1
36°	279.8	285.0	286.8	285.9	284.3	284.2
36.5°	277.7	283.0	284.7	283.9	282.3	282.2
37°	275.5	280.9	282.7	281.9	280.3	280.3
37.5°	273.3	278.9	280.7	279.9	278.2	278.2
38°	271.1	276.7	278.7	277.8	276.2	276.1
38.5°	268.9	274.5	276.6	275.7	273.9	273.9
39°	266.6	272.3	274.4	273.5	271.8	271.8
39.5°	264.4	270.2	272.2	271.4	269.7	269.6
40°	261.9	267.9	270.0	269.2	267.5	267.4
40.5°	259.6	265.7	267.7	266.9	265.3	265.2
41°	257.3	263.3	265.5	264.7	262.9	262.9
41.5°	254.9	261.0	263.1	262.3	260.6	260.6
42°	252.4	258.6	260.9	260.0	258.3	258.3
42.5°	250.0	256.4	258.6	257.7	256.0	256.0
43°	247.7	254.0	256.3	255.4	253.7	253.7
43.5°	245.2	251.5	253.9	253.0	251.2	251.3



TEST NUMBER: P971894

CATALOG NUMBER: RLWZDZC6-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	237.6	244.2	246.6	245.8	244.0	244.1
45.5°	235.1	241.7	244.1	243.3	241.6	241.6
46°	232.4	239.2	241.7	240.7	239.0	239.1
46.5°	229.8	236.6	239.1	238.3	236.6	236.7
47°	227.2	234.1	236.6	235.8	234.1	234.2
47.5°	224.6	231.5	234.1	233.3	231.6	231.6
48°	222.0	228.9	231.5	230.7	228.9	228.9
48.5°	219.3	226.2	228.8	228.0	226.3	226.4
49°	216.5	223.7	226.3	225.5	223.7	223.9
49.5°	213.8	221.1	223.7	222.9	221.1	221.3
50°	211.1	218.3	221.0	220.3	218.4	218.6
50.5°	208.4	215.6	218.2	217.5	215.7	216.0
51°	205.5	212.9	215.5	214.8	213.0	213.2
51.5°	202.7	210.2	212.9	212.1	210.3	210.6
52°	199.9	207.3	210.1	209.4	207.5	207.9
52.5°	197.1	204.6	207.3	206.6	204.8	205.1
53°	194.1	201.8	204.5	203.8	202.1	202.3
53.5°	191.2	199.0	201.8	201.0	199.3	199.6
54°	188.4	196.0	199.0	198.2	196.4	196.8
54.5°	185.5	193.2	196.1	195.3	193.6	193.9
55°	182.4	190.4	193.2	192.5	190.8	191.1
55.5°	179.5	187.5	190.4	189.7	187.9	188.3
56°	176.6	184.4	187.5	186.8	185.0	185.5
56.5°	173.5	181.6	184.5	183.8	182.1	182.5
57°	170.5	178.6	181.6	180.9	179.2	179.7
57.5°	167.4	175.7	178.7	178.0	176.3	176.8
58°	164.4	172.7	175.7	175.0	173.3	173.7
58.5°	161.3	169.7	172.7	172.0	170.3	170.8
59°	158.3	166.6	169.8	169.1	167.3	167.9
59.5°	155.2	163.6	166.8	166.1	164.3	164.9
60°	152.2	160.5	163.7	163.1	161.3	161.9
60.5°	149.0	157.5	160.7	160.0	158.3	158.9
61°	146.0	154.4	157.7	157.0	155.3	155.9
61.5°	142.8	151.3	154.7	154.0	152.3	152.9
62°	139.6	148.3	151.7	150.9	149.2	149.8
62.5°	136.6	145.2	148.5	147.9	146.2	146.8
63°	133.4	142.2	145.4	144.8	143.1	143.8
63.5°	130.4	139.0	142.4	141.7	139.9	140.8
64°	127.1	135.8	139.2	138.6	136.9	137.7
64.5°	124.0	132.8	136.1	135.5	133.8	134.6
65°	120.9	129.7	133.1	132.5	130.8	131.5
65.5°	117.7	126.6	130.0	129.4	127.6	128.4
66°	114.6	123.4	126.8	126.2	124.6	125.3



TEST NUMBER: P971894

CATALOG NUMBER: RLWZDZC6-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	105.2	114.0	117.4	116.9	115.2	116.1
68°	102.1	110.9	114.3	113.8	112.2	113.0
68.5°	99.1	107.8	111.3	110.7	109.1	110.0
69°	96.0	104.6	108.2	107.6	105.9	107.0
69.5°	92.9	101.6	105.0	104.5	102.9	103.7
70°	89.8	98.5	102.0	101.5	99.9	100.7
70.5°	86.8	95.5	99.0	98.4	96.9	97.8
71°	83.7	92.3	95.8	95.3	93.7	94.7
71.5°	80.7	89.3	92.7	92.3	90.7	91.6
72°	77.7	86.2	89.7	89.3	87.7	88.7
72.5°	74.8	83.2	86.7	86.2	84.8	85.7
73°	71.7	80.1	83.6	83.2	81.7	82.7
73.5°	68.8	77.2	80.6	80.2	78.8	79.7
74°	65.9	74.2	77.7	77.3	75.8	76.8
74.5°	63.1	71.2	74.8	74.3	72.9	73.9
75°	60.2	68.4	71.8	71.4	70.1	70.9
75.5°	57.4	65.5	68.8	68.5	67.2	68.1
76°	54.7	62.6	66.0	65.6	64.4	65.3
76.5°	52.0	59.7	63.1	62.7	61.5	62.5
77°	49.2	56.9	60.2	59.9	58.8	59.6
77.5°	46.6	54.2	57.4	57.1	56.1	56.8
78°	44.0	51.5	54.7	54.5	53.3	54.2
78.5°	41.5	48.7	52.0	51.8	50.7	51.6
79°	38.9	46.1	49.2	49.0	48.0	48.8
79.5°	36.4	43.5	46.5	46.3	45.5	46.2
80°	34.1	40.9	43.9	43.8	42.9	43.7
80.5°	31.7	38.4	41.3	41.2	40.3	41.2
81°	29.4	35.9	38.7	38.7	37.9	38.6
81.5°	27.0	33.4	36.5	36.6	35.6	36.6
82°	24.9	31.2	34.1	34.2	33.3	34.2
82.5°	22.8	29.0	31.8	31.8	31.0	31.9
83°	20.7	26.7	29.4	29.4	28.7	29.6
83.5°	18.7	24.5	26.9	26.9	26.3	27.1
84°	16.6	22.3	24.7	24.8	24.1	24.9
84.5°	14.7	20.2	22.5	22.6	22.0	22.8
85°	12.9	18.2	20.5	20.6	20.0	20.7
85.5°	11.4	16.2	18.5	18.5	18.0	18.7
86°	9.9	14.3	16.4	16.5	15.9	16.7
86.5°	8.4	12.5	14.4	14.6	14.0	14.8
87°	6.9	10.8	12.7	12.7	12.3	13.0
87.5°	5.2	9.2	11.0	11.0	10.6	11.2
88°	4.0	7.7	9.4	9.4	9.0	9.6
88.5°	3.0	6.3	7.8	7.9	7.5	8.1



TEST NUMBER: P971894
CATALOG NUMBER: RLWZDZC6-6500K

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°	331.5	330.1	330.5	329.8	326.2	325.3	326.3	327.5	327.4	328.9	328.7
22°	330.2	328.8	329.1	328.5	324.8	323.9	324.9	326.1	326.0	327.5	327.3



44°	248.9	246.4	246.8	245.3	238.4	236.3	237.6	239.6	239.3	241.8	241.1
44.5°	246.5	244.0	244.4	242.9	235.9	233.8	235.1	237.0	236.7	239.1	238.5



66.5°	122.3	119.6	120.2	117.8	108.9	105.7	106.8	108.6	107.9	110.5	109.6
67°	119.2	116.3	117.1	114.8	105.8	102.7	103.6	105.5	104.8	107.4	106.4



89°	6.7	5.5	5.9	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°	329.4	332.7	333.6	332.9	331.7	331.5
22°	328.1	331.3	332.4	331.6	330.3	330.2



44°	242.7	249.1	251.4	250.6	248.9	248.9
44.5°	240.1	246.7	249.0	248.2	246.5	246.5



66.5°	111.5	120.3	123.7	123.1	121.5	122.3
67°	108.4	117.1	120.6	120.1	118.4	119.2



89°	2.2	4.9	6.5	6.5	6.1	6.7
89.5°	1.5	3.7	5.0	5.0	4.7	5.2



(END OF REPORT)