

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: P971895

Luminaire Tested: RLWZDZT4-2700K

Issue Date: 2/18/2025

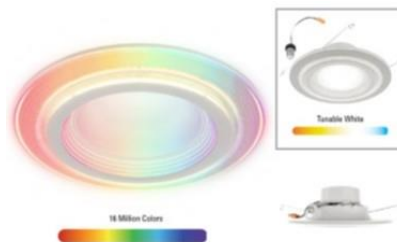
Test Information

Test Method: LM-79-2019
Report Number: P971895
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2411280A001-main light)
Test Lab:
Issue Date: 2/18/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: RLWZDZT4-2700K
Description: RLDZ4" Trim 700lm, WiZ RGBW, 120V, WH, with NIGHTLIGHT
Light Source: WiZ RGBW CONTROLLED 90CRI / 2700K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 715.0 lumens
Efficiency: N/A
Efficacy: 90.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.34
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

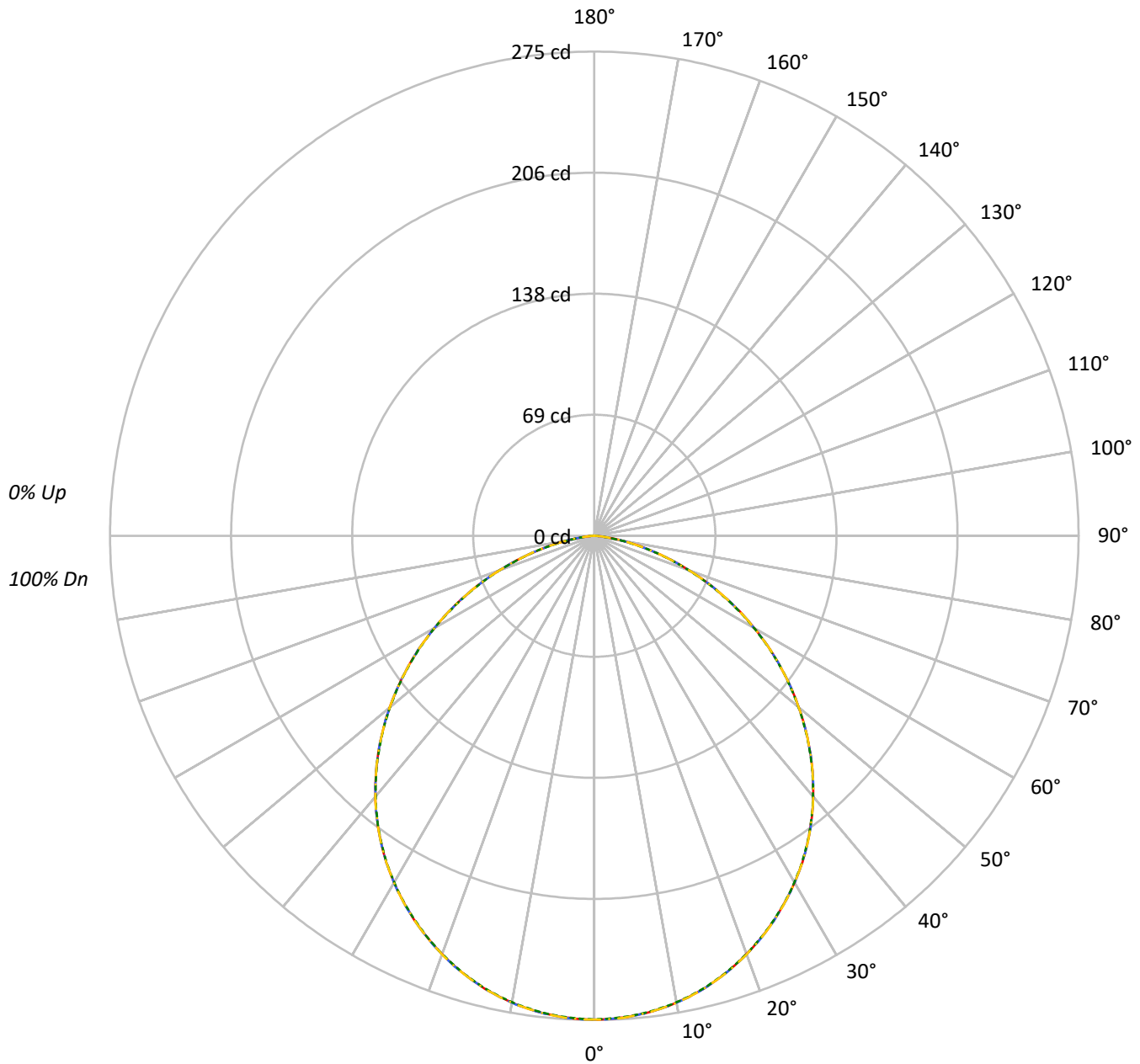
Input Watts (W): 7.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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CATALOG NUMBER: RLWZDZT4-2700K

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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72		
3	91	81	73	67	89	80	72	67	77	71	65	74	69	64	72	67	63	61		
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	55	52		
5	77	65	56	49	75	64	55	49	61	54	49	60	53	48	58	52	48	46		
6	71	58	50	43	69	57	49	43	56	48	43	54	47	42	52	47	42	40		
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35		
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32		
9	58	44	36	31	56	44	36	31	43	36	31	42	35	30	41	35	30	29		
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	34584	34584	34584	34584
5°	34526	34501	34526	34501
10°	34401	34376	34401	34376
15°	34188	34162	34188	34162
20°	33857	33843	33857	33843
25°	33493	33465	33493	33465
30°	33060	33031	33060	33031
35°	32494	32478	32494	32478
40°	31773	31740	31773	31740
45°	30844	30790	30844	30790
50°	29681	29642	29681	29642
55°	28238	28173	28238	28173
60°	26403	26353	26403	26353
65°	24121	24031	24121	24031
70°	21084	20974	21084	20974
75°	16970	16921	16970	16921
80°	11668	11451	11668	11451
85°	5776	5776	5776	5776

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30844 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.0	3.6
10°-20°	74.0	10.3
20°-30°	111.1	15.5
30°-40°	132.2	18.5
40°-50°	133.5	18.7
50°-60°	114.9	16.1
60°-70°	80.1	11.2
70°-80°	37.3	5.2
80°-90°	5.9	0.8
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°	211.1	29.5
0°-40°	343.3	48.0
0°-60°	591.7	82.8
0°-90°	715.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	715.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	275	275	275	275	275	
5°	273	273	273	273	273	26
15°	262	262	262	262	262	74
25°	241	241	241	241	241	111
35°	212	211	212	211	212	132
45°	173	173	173	173	173	134
55°	129	128	129	128	129	115
65°	81	81	81	81	81	80
75°	35	35	35	35	35	37
85°	4	4	4	4	4	6
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°	274.8	274.8	274.8	274.8	274.8	274.8	274.8	274.8	274.8	274.8	274.8
0.5°	274.8	274.8	274.8	274.9	274.5	274.9	274.8	274.8	274.8	274.8	274.8
1°	274.7	274.7	274.8	274.9	274.5	274.9	274.8	274.7	274.7	274.7	274.8
1.5°	274.6	274.6	274.7	274.8	274.4	274.8	274.7	274.6	274.6	274.6	274.7
2°	274.5	274.5	274.6	274.7	274.3	274.7	274.6	274.5	274.5	274.5	274.6
2.5°	274.4	274.4	274.5	274.6	274.2	274.6	274.5	274.4	274.4	274.4	274.5
3°	274.2	274.3	274.4	274.4	274.0	274.4	274.4	274.3	274.2	274.3	274.4
3.5°	274.1	274.1	274.2	274.2	273.8	274.2	274.2	274.1	274.1	274.1	274.2
4°	273.9	273.8	274.0	274.0	273.6	274.0	274.0	273.8	273.9	273.8	274.0
4.5°	273.6	273.6	273.7	273.8	273.4	273.8	273.7	273.6	273.6	273.6	273.7
5°	273.3	273.3	273.4	273.5	273.1	273.5	273.4	273.3	273.3	273.3	273.4
5.5°	273.0	273.0	273.1	273.2	272.9	273.2	273.1	273.0	273.0	273.0	273.1
6°	272.8	272.8	272.9	272.9	272.5	272.9	272.9	272.8	272.8	272.8	272.9
6.5°	272.4	272.4	272.5	272.6	272.2	272.6	272.5	272.4	272.4	272.4	272.5
7°	272.1	272.1	272.1	272.2	271.8	272.2	272.1	272.1	272.1	272.1	272.1
7.5°	271.6	271.6	271.7	271.8	271.4	271.8	271.7	271.6	271.6	271.6	271.7
8°	271.2	271.2	271.3	271.3	270.9	271.3	271.3	271.2	271.2	271.2	271.3
8.5°	270.7	270.7	270.8	270.9	270.5	270.9	270.8	270.7	270.7	270.7	270.8
9°	270.3	270.3	270.3	270.4	270.1	270.4	270.3	270.3	270.3	270.3	270.3
9.5°	269.8	269.8	269.9	270.0	269.6	270.0	269.9	269.8	269.8	269.8	269.9
10°	269.2	269.2	269.3	269.4	269.0	269.4	269.3	269.2	269.2	269.2	269.3
10.5°	268.6	268.7	268.7	268.8	268.4	268.8	268.7	268.7	268.6	268.7	268.7
11°	268.0	268.0	268.1	268.2	267.8	268.2	268.1	268.0	268.0	268.0	268.1
11.5°	267.5	267.5	267.6	267.7	267.3	267.7	267.6	267.5	267.5	267.5	267.6
12°	266.8	266.8	266.9	267.0	266.6	267.0	266.9	266.8	266.8	266.8	266.9
12.5°	266.1	266.1	266.2	266.3	265.9	266.3	266.2	266.1	266.1	266.1	266.2
13°	265.4	265.4	265.5	265.6	265.2	265.6	265.5	265.4	265.4	265.4	265.5
13.5°	264.8	264.7	264.8	264.9	264.5	264.9	264.8	264.7	264.8	264.7	264.8
14°	264.0	264.0	264.0	264.1	263.8	264.1	264.0	264.0	264.0	264.0	264.0
14.5°	263.1	263.1	263.2	263.3	262.9	263.3	263.2	263.1	263.1	263.1	263.2
15°	262.4	262.4	262.4	262.5	262.2	262.5	262.4	262.4	262.4	262.4	262.4
15.5°	261.5	261.5	261.6	261.7	261.3	261.7	261.6	261.5	261.5	261.5	261.6
16°	260.6	260.6	260.7	260.8	260.4	260.8	260.7	260.6	260.6	260.6	260.7
16.5°	259.7	259.7	259.8	259.9	259.6	259.9	259.8	259.7	259.7	259.7	259.8
17°	258.9	258.8	258.9	259.0	258.7	259.0	258.9	258.8	258.9	258.8	258.9
17.5°	257.9	257.9	258.0	258.1	257.7	258.1	258.0	257.9	257.9	257.9	258.0
18°	257.0	257.0	257.1	257.1	256.8	257.1	257.1	257.0	257.0	257.0	257.1
18.5°	255.9	255.9	256.0	256.1	255.8	256.1	256.0	255.9	255.9	255.9	256.0
19°	254.9	254.9	255.0	255.1	254.7	255.1	255.0	254.9	254.9	254.9	255.0
19.5°	253.9	253.9	254.0	254.1	253.8	254.1	254.0	253.9	253.9	253.9	254.0
20°	252.8	252.8	253.0	253.1	252.7	253.1	253.0	252.8	252.8	252.8	253.0
20.5°	251.8	251.8	251.8	252.0	251.7	252.0	251.8	251.8	251.8	251.8	251.8
21°	250.7	250.7	250.8	250.9	250.5	250.9	250.8	250.7	250.7	250.7	250.8

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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°	247.2	247.2	247.4	247.4	247.1	247.4	247.4	247.2	247.2	247.2	247.4
23°	246.1	246.1	246.2	246.3	246.0	246.3	246.2	246.1	246.1	246.1	246.2
23.5°	244.9	244.9	245.0	245.1	244.7	245.1	245.0	244.9	244.9	244.9	245.0
24°	243.7	243.7	243.8	243.9	243.6	243.9	243.8	243.7	243.7	243.7	243.8
24.5°	242.4	242.4	242.5	242.6	242.2	242.6	242.5	242.4	242.4	242.4	242.5
25°	241.2	241.2	241.3	241.3	241.0	241.3	241.3	241.2	241.2	241.2	241.3
25.5°	239.9	239.9	239.9	240.0	239.7	240.0	239.9	239.9	239.9	239.9	239.9
26°	238.6	238.6	238.6	238.7	238.4	238.7	238.6	238.6	238.6	238.6	238.6
26.5°	237.2	237.2	237.3	237.4	237.0	237.4	237.3	237.2	237.2	237.2	237.3
27°	235.9	235.9	236.0	236.0	235.8	236.0	236.0	235.9	235.9	235.9	236.0
27.5°	234.5	234.5	234.6	234.7	234.4	234.7	234.6	234.5	234.5	234.5	234.6
28°	233.2	233.2	233.3	233.3	233.0	233.3	233.3	233.2	233.2	233.2	233.3
28.5°	231.7	231.7	231.8	231.9	231.6	231.9	231.8	231.7	231.7	231.7	231.8
29°	230.4	230.4	230.5	230.5	230.2	230.5	230.5	230.4	230.4	230.4	230.5
29.5°	228.9	228.9	229.0	229.0	228.7	229.0	229.0	228.9	228.9	228.9	229.0
30°	227.5	227.5	227.6	227.6	227.3	227.6	227.6	227.5	227.5	227.5	227.6
30.5°	225.9	225.9	226.0	226.1	225.7	226.1	226.0	225.9	225.9	225.9	226.0
31°	224.5	224.5	224.5	224.6	224.3	224.6	224.5	224.5	224.5	224.5	224.5
31.5°	222.9	222.9	223.0	223.0	222.8	223.0	223.0	222.9	222.9	222.9	223.0
32°	221.4	221.4	221.4	221.5	221.2	221.5	221.4	221.4	221.4	221.4	221.4
32.5°	219.9	219.8	219.9	220.0	219.6	220.0	219.9	219.8	219.9	219.8	219.9
33°	218.2	218.2	218.2	218.3	218.0	218.3	218.2	218.2	218.2	218.2	218.2
33.5°	216.6	216.6	216.6	216.7	216.4	216.7	216.6	216.6	216.6	216.6	216.6
34°	214.9	214.9	214.9	215.0	214.7	215.0	214.9	214.9	214.9	214.9	214.9
34.5°	213.2	213.2	213.3	213.3	213.0	213.3	213.3	213.2	213.2	213.2	213.3
35°	211.5	211.5	211.6	211.7	211.4	211.7	211.6	211.5	211.5	211.5	211.6
35.5°	209.8	209.7	209.8	209.8	209.6	209.8	209.8	209.7	209.8	209.7	209.8
36°	208.0	208.0	208.1	208.1	207.8	208.1	208.1	208.0	208.0	208.0	208.1
36.5°	206.3	206.3	206.4	206.4	206.1	206.4	206.4	206.3	206.3	206.3	206.4
37°	204.4	204.4	204.5	204.6	204.4	204.6	204.5	204.4	204.4	204.4	204.5
37.5°	202.7	202.6	202.7	202.8	202.5	202.8	202.7	202.6	202.7	202.6	202.7
38°	200.9	200.8	201.0	201.0	200.7	201.0	201.0	200.8	200.9	200.8	201.0
38.5°	199.1	199.1	199.1	199.1	198.9	199.1	199.1	199.1	199.1	199.1	199.1
39°	197.2	197.1	197.2	197.2	197.0	197.2	197.2	197.1	197.2	197.1	197.2
39.5°	195.3	195.3	195.3	195.4	195.1	195.4	195.3	195.3	195.3	195.3	195.3
40°	193.4	193.4	193.5	193.5	193.2	193.5	193.5	193.4	193.4	193.4	193.5
40.5°	191.4	191.4	191.5	191.5	191.2	191.5	191.5	191.4	191.4	191.4	191.5
41°	189.5	189.5	189.6	189.6	189.3	189.6	189.6	189.5	189.5	189.5	189.6
41.5°	187.5	187.5	187.6	187.6	187.3	187.6	187.6	187.5	187.5	187.5	187.6
42°	185.6	185.6	185.6	185.7	185.4	185.7	185.6	185.6	185.6	185.6	185.6
42.5°	183.5	183.5	183.6	183.6	183.3	183.6	183.6	183.5	183.5	183.5	183.6
43°	181.6	181.5	181.6	181.6	181.3	181.6	181.6	181.5	181.6	181.5	181.6
43.5°	179.5	179.5	179.6	179.6	179.3	179.6	179.6	179.5	179.5	179.5	179.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	173.3	173.3	173.3	173.3	173.0	173.3	173.3	173.3	173.3	173.3	173.3
45.5°	171.2	171.2	171.2	171.2	170.9	171.2	171.2	171.2	171.2	171.2	171.2
46°	169.1	169.1	169.1	169.1	168.8	169.1	169.1	169.1	169.1	169.1	169.1
46.5°	167.0	167.0	167.0	167.0	166.8	167.0	167.0	167.0	167.0	167.0	167.0
47°	164.8	164.8	164.8	164.8	164.6	164.8	164.8	164.8	164.8	164.8	164.8
47.5°	162.6	162.6	162.6	162.6	162.3	162.6	162.6	162.6	162.6	162.6	162.6
48°	160.5	160.5	160.5	160.5	160.2	160.5	160.5	160.5	160.5	160.5	160.5
48.5°	158.3	158.3	158.3	158.3	158.0	158.3	158.3	158.3	158.3	158.3	158.3
49°	156.1	156.1	156.1	156.1	155.8	156.1	156.1	156.1	156.1	156.1	156.1
49.5°	153.9	153.9	153.9	153.9	153.6	153.9	153.9	153.9	153.9	153.9	153.9
50°	151.6	151.6	151.6	151.6	151.4	151.6	151.6	151.6	151.6	151.6	151.6
50.5°	149.3	149.3	149.3	149.3	149.0	149.3	149.3	149.3	149.3	149.3	149.3
51°	147.1	147.1	147.1	147.1	146.8	147.1	147.1	147.1	147.1	147.1	147.1
51.5°	144.8	144.8	144.9	144.8	144.6	144.8	144.9	144.8	144.8	144.8	144.9
52°	142.6	142.6	142.6	142.6	142.3	142.6	142.6	142.6	142.6	142.6	142.6
52.5°	140.3	140.3	140.3	140.3	140.0	140.3	140.3	140.3	140.3	140.3	140.3
53°	138.0	138.0	138.0	138.0	137.7	138.0	138.0	138.0	138.0	138.0	138.0
53.5°	135.7	135.7	135.7	135.7	135.4	135.7	135.7	135.7	135.7	135.7	135.7
54°	133.3	133.3	133.3	133.3	133.2	133.3	133.3	133.3	133.3	133.3	133.3
54.5°	131.0	131.0	131.0	130.9	130.7	130.9	131.0	131.0	131.0	131.0	131.0
55°	128.7	128.7	128.7	128.6	128.4	128.6	128.7	128.7	128.7	128.7	128.7
55.5°	126.3	126.3	126.3	126.3	126.1	126.3	126.3	126.3	126.3	126.3	126.3
56°	124.0	124.0	124.0	123.9	123.8	123.9	124.0	124.0	124.0	124.0	124.0
56.5°	121.6	121.7	121.6	121.6	121.4	121.6	121.6	121.7	121.6	121.7	121.6
57°	119.3	119.3	119.3	119.2	119.0	119.2	119.3	119.3	119.3	119.3	119.3
57.5°	116.9	116.9	116.9	116.8	116.7	116.8	116.9	116.9	116.9	116.9	116.9
58°	114.6	114.6	114.5	114.5	114.3	114.5	114.5	114.6	114.6	114.6	114.5
58.5°	112.1	112.1	112.1	112.1	111.9	112.1	112.1	112.1	112.1	112.1	112.1
59°	109.7	109.7	109.7	109.6	109.4	109.6	109.7	109.7	109.7	109.7	109.7
59.5°	107.3	107.3	107.3	107.2	107.1	107.2	107.3	107.3	107.3	107.3	107.3
60°	104.9	105.0	104.9	104.9	104.7	104.9	104.9	105.0	104.9	105.0	104.9
60.5°	102.6	102.6	102.5	102.5	102.3	102.5	102.5	102.6	102.6	102.6	102.5
61°	100.2	100.2	100.1	100.1	99.9	100.1	100.1	100.2	100.2	100.2	100.1
61.5°	97.8	97.8	97.7	97.7	97.5	97.7	97.7	97.8	97.8	97.8	97.7
62°	95.4	95.4	95.3	95.3	95.2	95.3	95.3	95.4	95.4	95.4	95.3
62.5°	93.0	93.0	93.0	92.9	92.7	92.9	93.0	93.0	93.0	93.0	93.0
63°	90.6	90.6	90.6	90.5	90.3	90.5	90.6	90.6	90.6	90.6	90.6
63.5°	88.2	88.2	88.2	88.1	88.0	88.1	88.2	88.2	88.2	88.2	88.2
64°	85.7	85.7	85.7	85.7	85.6	85.7	85.7	85.7	85.7	85.7	85.7
64.5°	83.4	83.3	83.3	83.3	83.1	83.3	83.3	83.3	83.4	83.3	83.3
65°	81.0	81.0	80.9	80.9	80.7	80.9	80.9	81.0	81.0	81.0	80.9
65.5°	78.6	78.6	78.6	78.5	78.3	78.5	78.6	78.6	78.6	78.6	78.6
66°	76.2	76.2	76.2	76.1	76.0	76.1	76.2	76.2	76.2	76.2	76.2

TEST NUMBER: P971895

CATALOG NUMBER: RLWZDZT4-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	69.1	69.1	69.0	69.0	68.9	69.0	69.0	69.1	69.1	69.1	69.0
68°	66.8	66.7	66.7	66.6	66.5	66.6	66.7	66.7	66.8	66.7	66.7
68.5°	64.4	64.4	64.3	64.3	64.1	64.3	64.3	64.4	64.4	64.4	64.3
69°	62.0	62.0	62.0	61.9	61.8	61.9	62.0	62.0	62.0	62.0	62.0
69.5°	59.6	59.6	59.5	59.5	59.3	59.5	59.5	59.6	59.6	59.6	59.5
70°	57.3	57.3	57.2	57.2	57.0	57.2	57.2	57.3	57.3	57.3	57.2
70.5°	55.0	55.0	54.9	54.8	54.7	54.8	54.9	55.0	55.0	55.0	54.9
71°	52.7	52.7	52.6	52.6	52.4	52.6	52.6	52.7	52.7	52.7	52.6
71.5°	50.4	50.4	50.3	50.3	50.1	50.3	50.3	50.4	50.4	50.4	50.3
72°	48.2	48.2	48.1	48.0	47.9	48.0	48.1	48.2	48.2	48.2	48.1
72.5°	45.9	45.9	45.8	45.8	45.6	45.8	45.8	45.9	45.9	45.9	45.8
73°	43.6	43.6	43.5	43.5	43.4	43.5	43.5	43.6	43.6	43.6	43.5
73.5°	41.4	41.4	41.3	41.2	41.1	41.2	41.3	41.4	41.4	41.4	41.3
74°	39.2	39.2	39.1	39.1	38.9	39.1	39.1	39.2	39.2	39.2	39.1
74.5°	37.1	37.1	37.0	36.9	36.9	36.9	37.0	37.1	37.1	37.1	37.0
75°	34.9	35.0	35.0	34.8	34.8	34.8	35.0	35.0	34.9	35.0	35.0
75.5°	32.9	32.9	32.9	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9
76°	30.7	30.8	30.7	30.6	30.5	30.6	30.7	30.8	30.7	30.8	30.7
76.5°	28.9	28.8	28.7	28.6	28.5	28.6	28.7	28.8	28.9	28.8	28.7
77°	27.0	26.9	26.8	26.7	26.5	26.7	26.8	26.9	27.0	26.9	26.8
77.5°	25.1	25.0	24.9	24.8	24.7	24.8	24.9	25.0	25.1	25.0	24.9
78°	23.1	23.0	22.9	22.8	22.7	22.8	22.9	23.0	23.1	23.0	22.9
78.5°	21.2	21.2	21.1	21.0	20.9	21.0	21.1	21.2	21.2	21.2	21.1
79°	19.5	19.5	19.4	19.3	19.2	19.3	19.4	19.5	19.5	19.5	19.4
79.5°	17.7	17.7	17.6	17.5	17.4	17.5	17.6	17.7	17.7	17.7	17.6
80°	16.1	16.1	16.0	15.9	15.8	15.9	16.0	16.1	16.1	16.1	16.0
80.5°	14.5	14.5	14.5	14.4	14.3	14.4	14.5	14.5	14.5	14.5	14.5
81°	13.0	13.1	13.0	12.9	12.7	12.9	13.0	13.1	13.0	13.1	13.0
81.5°	11.7	11.7	11.6	11.5	11.3	11.5	11.6	11.7	11.7	11.7	11.6
82°	10.3	10.4	10.3	10.1	9.9	10.1	10.3	10.4	10.3	10.4	10.3
82.5°	9.1	9.2	9.1	9.0	8.8	9.0	9.1	9.2	9.1	9.2	9.1
83°	7.8	7.9	7.8	7.7	7.7	7.7	7.8	7.9	7.8	7.9	7.8
83.5°	6.6	6.8	6.7	6.6	6.6	6.6	6.7	6.8	6.6	6.8	6.7
84°	5.7	5.8	5.7	5.7	5.6	5.7	5.7	5.8	5.7	5.8	5.7
84.5°	4.8	4.9	4.8	4.7	4.6	4.7	4.8	4.9	4.8	4.9	4.8
85°	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.1	4.0	4.1	4.0
85.5°	3.4	3.4	3.5	3.4	3.3	3.4	3.5	3.4	3.4	3.4	3.5
86°	2.8	2.9	2.9	2.8	2.7	2.8	2.9	2.9	2.8	2.9	2.9
86.5°	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3
87°	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8
87.5°	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3
88°	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
88.5°	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.7	0.6



TEST NUMBER: P971895
CATALOG NUMBER: RLWZDZT4-2700K

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: P971895

CATALOG NUMBER: RLWZDZT4-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	274.8	274.8	274.8	274.8	274.8	274.8
0.5°	274.9	274.5	274.9	274.8	274.8	274.8
1°	274.9	274.5	274.9	274.8	274.7	274.7
1.5°	274.8	274.4	274.8	274.7	274.6	274.6
2°	274.7	274.3	274.7	274.6	274.5	274.5
2.5°	274.6	274.2	274.6	274.5	274.4	274.4
3°	274.4	274.0	274.4	274.4	274.3	274.2
3.5°	274.2	273.8	274.2	274.2	274.1	274.1
4°	274.0	273.6	274.0	274.0	273.8	273.9
4.5°	273.8	273.4	273.8	273.7	273.6	273.6
5°	273.5	273.1	273.5	273.4	273.3	273.3
5.5°	273.2	272.9	273.2	273.1	273.0	273.0
6°	272.9	272.5	272.9	272.9	272.8	272.8
6.5°	272.6	272.2	272.6	272.5	272.4	272.4
7°	272.2	271.8	272.2	272.1	272.1	272.1
7.5°	271.8	271.4	271.8	271.7	271.6	271.6
8°	271.3	270.9	271.3	271.3	271.2	271.2
8.5°	270.9	270.5	270.9	270.8	270.7	270.7
9°	270.4	270.1	270.4	270.3	270.3	270.3
9.5°	270.0	269.6	270.0	269.9	269.8	269.8
10°	269.4	269.0	269.4	269.3	269.2	269.2
10.5°	268.8	268.4	268.8	268.7	268.7	268.6
11°	268.2	267.8	268.2	268.1	268.0	268.0
11.5°	267.7	267.3	267.7	267.6	267.5	267.5
12°	267.0	266.6	267.0	266.9	266.8	266.8
12.5°	266.3	265.9	266.3	266.2	266.1	266.1
13°	265.6	265.2	265.6	265.5	265.4	265.4
13.5°	264.9	264.5	264.9	264.8	264.7	264.8
14°	264.1	263.8	264.1	264.0	264.0	264.0
14.5°	263.3	262.9	263.3	263.2	263.1	263.1
15°	262.5	262.2	262.5	262.4	262.4	262.4
15.5°	261.7	261.3	261.7	261.6	261.5	261.5
16°	260.8	260.4	260.8	260.7	260.6	260.6
16.5°	259.9	259.6	259.9	259.8	259.7	259.7
17°	259.0	258.7	259.0	258.9	258.8	258.9
17.5°	258.1	257.7	258.1	258.0	257.9	257.9
18°	257.1	256.8	257.1	257.1	257.0	257.0
18.5°	256.1	255.8	256.1	256.0	255.9	255.9
19°	255.1	254.7	255.1	255.0	254.9	254.9
19.5°	254.1	253.8	254.1	254.0	253.9	253.9
20°	253.1	252.7	253.1	253.0	252.8	252.8
20.5°	252.0	251.7	252.0	251.8	251.8	251.8
21°	250.9	250.5	250.9	250.8	250.7	250.7



TEST NUMBER: P971895

CATALOG NUMBER: RLWZDZT4-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	247.4	247.1	247.4	247.4	247.2	247.2
23°	246.3	246.0	246.3	246.2	246.1	246.1
23.5°	245.1	244.7	245.1	245.0	244.9	244.9
24°	243.9	243.6	243.9	243.8	243.7	243.7
24.5°	242.6	242.2	242.6	242.5	242.4	242.4
25°	241.3	241.0	241.3	241.3	241.2	241.2
25.5°	240.0	239.7	240.0	239.9	239.9	239.9
26°	238.7	238.4	238.7	238.6	238.6	238.6
26.5°	237.4	237.0	237.4	237.3	237.2	237.2
27°	236.0	235.8	236.0	236.0	235.9	235.9
27.5°	234.7	234.4	234.7	234.6	234.5	234.5
28°	233.3	233.0	233.3	233.3	233.2	233.2
28.5°	231.9	231.6	231.9	231.8	231.7	231.7
29°	230.5	230.2	230.5	230.5	230.4	230.4
29.5°	229.0	228.7	229.0	229.0	228.9	228.9
30°	227.6	227.3	227.6	227.6	227.5	227.5
30.5°	226.1	225.7	226.1	226.0	225.9	225.9
31°	224.6	224.3	224.6	224.5	224.5	224.5
31.5°	223.0	222.8	223.0	223.0	222.9	222.9
32°	221.5	221.2	221.5	221.4	221.4	221.4
32.5°	220.0	219.6	220.0	219.9	219.8	219.9
33°	218.3	218.0	218.3	218.2	218.2	218.2
33.5°	216.7	216.4	216.7	216.6	216.6	216.6
34°	215.0	214.7	215.0	214.9	214.9	214.9
34.5°	213.3	213.0	213.3	213.3	213.2	213.2
35°	211.7	211.4	211.7	211.6	211.5	211.5
35.5°	209.8	209.6	209.8	209.8	209.7	209.8
36°	208.1	207.8	208.1	208.1	208.0	208.0
36.5°	206.4	206.1	206.4	206.4	206.3	206.3
37°	204.6	204.4	204.6	204.5	204.4	204.4
37.5°	202.8	202.5	202.8	202.7	202.6	202.7
38°	201.0	200.7	201.0	201.0	200.8	200.9
38.5°	199.1	198.9	199.1	199.1	199.1	199.1
39°	197.2	197.0	197.2	197.2	197.1	197.2
39.5°	195.4	195.1	195.4	195.3	195.3	195.3
40°	193.5	193.2	193.5	193.5	193.4	193.4
40.5°	191.5	191.2	191.5	191.5	191.4	191.4
41°	189.6	189.3	189.6	189.6	189.5	189.5
41.5°	187.6	187.3	187.6	187.6	187.5	187.5
42°	185.7	185.4	185.7	185.6	185.6	185.6
42.5°	183.6	183.3	183.6	183.6	183.5	183.5
43°	181.6	181.3	181.6	181.6	181.5	181.6
43.5°	179.6	179.3	179.6	179.6	179.5	179.5



TEST NUMBER: P971895

CATALOG NUMBER: RLWZDZT4-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	173.3	173.0	173.3	173.3	173.3	173.3
45.5°	171.2	170.9	171.2	171.2	171.2	171.2
46°	169.1	168.8	169.1	169.1	169.1	169.1
46.5°	167.0	166.8	167.0	167.0	167.0	167.0
47°	164.8	164.6	164.8	164.8	164.8	164.8
47.5°	162.6	162.3	162.6	162.6	162.6	162.6
48°	160.5	160.2	160.5	160.5	160.5	160.5
48.5°	158.3	158.0	158.3	158.3	158.3	158.3
49°	156.1	155.8	156.1	156.1	156.1	156.1
49.5°	153.9	153.6	153.9	153.9	153.9	153.9
50°	151.6	151.4	151.6	151.6	151.6	151.6
50.5°	149.3	149.0	149.3	149.3	149.3	149.3
51°	147.1	146.8	147.1	147.1	147.1	147.1
51.5°	144.8	144.6	144.8	144.9	144.8	144.8
52°	142.6	142.3	142.6	142.6	142.6	142.6
52.5°	140.3	140.0	140.3	140.3	140.3	140.3
53°	138.0	137.7	138.0	138.0	138.0	138.0
53.5°	135.7	135.4	135.7	135.7	135.7	135.7
54°	133.3	133.2	133.3	133.3	133.3	133.3
54.5°	130.9	130.7	130.9	131.0	131.0	131.0
55°	128.6	128.4	128.6	128.7	128.7	128.7
55.5°	126.3	126.1	126.3	126.3	126.3	126.3
56°	123.9	123.8	123.9	124.0	124.0	124.0
56.5°	121.6	121.4	121.6	121.6	121.7	121.6
57°	119.2	119.0	119.2	119.3	119.3	119.3
57.5°	116.8	116.7	116.8	116.9	116.9	116.9
58°	114.5	114.3	114.5	114.5	114.6	114.6
58.5°	112.1	111.9	112.1	112.1	112.1	112.1
59°	109.6	109.4	109.6	109.7	109.7	109.7
59.5°	107.2	107.1	107.2	107.3	107.3	107.3
60°	104.9	104.7	104.9	104.9	105.0	104.9
60.5°	102.5	102.3	102.5	102.5	102.6	102.6
61°	100.1	99.9	100.1	100.1	100.2	100.2
61.5°	97.7	97.5	97.7	97.7	97.8	97.8
62°	95.3	95.2	95.3	95.3	95.4	95.4
62.5°	92.9	92.7	92.9	93.0	93.0	93.0
63°	90.5	90.3	90.5	90.6	90.6	90.6
63.5°	88.1	88.0	88.1	88.2	88.2	88.2
64°	85.7	85.6	85.7	85.7	85.7	85.7
64.5°	83.3	83.1	83.3	83.3	83.3	83.4
65°	80.9	80.7	80.9	80.9	81.0	81.0
65.5°	78.5	78.3	78.5	78.6	78.6	78.6
66°	76.1	76.0	76.1	76.2	76.2	76.2



TEST NUMBER: P971895

CATALOG NUMBER: RLWZDZT4-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	69.0	68.9	69.0	69.0	69.1	69.1
68°	66.6	66.5	66.6	66.7	66.7	66.8
68.5°	64.3	64.1	64.3	64.3	64.4	64.4
69°	61.9	61.8	61.9	62.0	62.0	62.0
69.5°	59.5	59.3	59.5	59.5	59.6	59.6
70°	57.2	57.0	57.2	57.2	57.3	57.3
70.5°	54.8	54.7	54.8	54.9	55.0	55.0
71°	52.6	52.4	52.6	52.6	52.7	52.7
71.5°	50.3	50.1	50.3	50.3	50.4	50.4
72°	48.0	47.9	48.0	48.1	48.2	48.2
72.5°	45.8	45.6	45.8	45.8	45.9	45.9
73°	43.5	43.4	43.5	43.5	43.6	43.6
73.5°	41.2	41.1	41.2	41.3	41.4	41.4
74°	39.1	38.9	39.1	39.1	39.2	39.2
74.5°	36.9	36.9	36.9	37.0	37.1	37.1
75°	34.8	34.8	34.8	35.0	35.0	34.9
75.5°	32.7	32.7	32.7	32.9	32.9	32.9
76°	30.6	30.5	30.6	30.7	30.8	30.7
76.5°	28.6	28.5	28.6	28.7	28.8	28.9
77°	26.7	26.5	26.7	26.8	26.9	27.0
77.5°	24.8	24.7	24.8	24.9	25.0	25.1
78°	22.8	22.7	22.8	22.9	23.0	23.1
78.5°	21.0	20.9	21.0	21.1	21.2	21.2
79°	19.3	19.2	19.3	19.4	19.5	19.5
79.5°	17.5	17.4	17.5	17.6	17.7	17.7
80°	15.9	15.8	15.9	16.0	16.1	16.1
80.5°	14.4	14.3	14.4	14.5	14.5	14.5
81°	12.9	12.7	12.9	13.0	13.1	13.0
81.5°	11.5	11.3	11.5	11.6	11.7	11.7
82°	10.1	9.9	10.1	10.3	10.4	10.3
82.5°	9.0	8.8	9.0	9.1	9.2	9.1
83°	7.7	7.7	7.7	7.8	7.9	7.8
83.5°	6.6	6.6	6.6	6.7	6.8	6.6
84°	5.7	5.6	5.7	5.7	5.8	5.7
84.5°	4.7	4.6	4.7	4.8	4.9	4.8
85°	4.0	4.0	4.0	4.0	4.1	4.0
85.5°	3.4	3.3	3.4	3.5	3.4	3.4
86°	2.8	2.7	2.8	2.9	2.9	2.8
86.5°	2.3	2.2	2.3	2.3	2.3	2.3
87°	1.8	1.7	1.8	1.8	1.8	1.8
87.5°	1.3	1.3	1.3	1.3	1.4	1.4
88°	1.0	0.9	1.0	1.0	1.0	1.0
88.5°	0.6	0.6	0.6	0.6	0.7	0.6



TEST NUMBER: P971895

CATALOG NUMBER: RLWZDZT4-2700K

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



Report Generated By 670245859 / DESKTOP-T8S5UU9





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







21.5°	249.5	249.5	249.6	249.7	249.4	249.7	249.6	249.5	249.5	249.5	249.6
22°	248.4	248.4	248.6	248.7	248.3	248.7	248.6	248.4	248.4	248.4	248.6



44°	177.5	177.5	177.5	177.5	177.3	177.5	177.5	177.5	177.5	177.5	177.5
44.5°	175.4	175.4	175.4	175.4	175.2	175.4	175.4	175.4	175.4	175.4	175.4



66.5°	73.8	73.9	73.8	73.7	73.6	73.7	73.8	73.9	73.8	73.9	73.8
67°	71.5	71.5	71.4	71.4	71.2	71.4	71.4	71.5	71.5	71.5	71.4



89°	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.4	0.4
89.5°	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.2





21.5°	249.7	249.4	249.7	249.6	249.5	249.5
22°	248.7	248.3	248.7	248.6	248.4	248.4



44°	177.5	177.3	177.5	177.5	177.5	177.5
44.5°	175.4	175.2	175.4	175.4	175.4	175.4



66.5°	73.7	73.6	73.7	73.8	73.9	73.8
67°	71.4	71.2	71.4	71.4	71.5	71.5



89°	0.3	0.3	0.3	0.4	0.4	0.3
89.5°	0.1	0.1	0.1	0.2	0.2	0.1



(END OF REPORT)