

Zoom factor and corresponding NA and resolution by pixel size: normal

zoom factor	magnification by zoom body and 2x objective lens	NA detection path	optical resolution by NA	pixel size (Andor Neo) [μm]	resolution [μm] by detector
0.63	1.26	0,07	4,36	5.16	10.32
0.8	1.6	0.07	3.39	4	8
1	2	0.11	2.76	3.25	6.5
1.25	2.5	0.14	2.18	2.6	5.2
1.6	3.2	0.19	1.6	2	4
2	4	0.23	1.33	1.62	3.24
2.5	5	0.295	1.02	1.3	2.6
3.2	6.4	0.38	0.8	1.01	2.02
4	8	0.475	0.64	0.8	1.6
5	10	0.495	0.62	0.65	1.3
6.3	12.6	0.495	0.62	0.51	1.02

## CDC

Zoom factor and corresponding NA and resolution by pixel size for correcting dipping cap:

zoom factor	magnification by zoom body and 2,152x objective lens	NA detection path	optical resolution by NA	pixel size (Andor Neo) [ $\mu\text{m}$ ]	resolution [ $\mu\text{m}$ ] by detector
0.63	1.3557	0,07	4,36	4.7943	9.5886
0.8	1.7216	0.07	3.39	3.7755	7.551
1	2.152	0.11	2.76	3.0204	6.0408
1.25	2.69	0.14	2.18	2.4163	4.8326
1.6	3.4432	0.19	1.6	1.8877	3.7554
2	4.304	0.23	1.33	1.4671	2.9342
2.5	5.38	0.295	1.02	1.2081	4.304
3.2	6.8864	0.38	0.8	0.9438	1.8876
4	8.608	0.475	0.64	0.7551	1.5102
5	10.76	0.495	0.62	0.6040	1.2998
6.3	13.5576	0.495	0.62	0.4794	0.9588