

Quality Control Report

Report Name Report example
Sample of report
Edited on the November 20th 2018, 10:36:55 am

System configuration

Here you can find the list of the configuration used for the quality control.

Microscope	Zeiss Argolight Axio Imager Axio Imager M2
Slide	Argolight Argo-HM
Objective	Zeiss PlanApo 63x/ 1.5 Air
Channel	DAPI: Excitation 405 nm
Illumination	Zeiss Colibri v7 LED, Power 50%
Camera	Hamamatsu Orca Flash
Camera settings	Gain undefined, Exposure time 3000 ms

Timeline data of 08/30/2018 until 11/12/2018

Metric	08/30/2018	08/31/2018	09/03/2018	09/04/2018	09/05/2018
Pattern intensity dynamic (intensity response 4x4)	31.815	31.253	30.935	30.161	29.834
Roll off along pink diagonal (illumination inhomogeneity)	13.809	13.253	9.883	10.146	10.492
Roll off along purple diagonal (illumination inhomogeneity)	19.254	18.851	27.871	28.948	24.103
Maximum distortion rate along x (field distortion)	0.169	0.165	0.162	0.160	0.168
Maximum distortion rate along y (field distortion)	0.181	0.187	0.188	0.193	0.191
Pearson coefficient (lateral chromatic shifts)	0.949	0.563	0.455	0.583	0.907

Metric	09/06/2018	09/07/2018	09/10/2018	09/11/2018	09/12/2018	09/13/2018
Pattern intensity dynamic (intensity response 4x4)	30.395	29.306	29.655	27.176	37.993	28.935
Roll off along pink diagonal (illumination inhomogeneity)	11.772	11.642	11.173	16.614	16.896	12.390
Roll off along purple diagonal (illumination inhomogeneity)	25.066	21.664	19.501	21.391	26.873	17.957
Maximum distortion rate along x (field distortion)	0.169	0.164	0.163	0.165	0.164	0.165
Maximum distortion rate along y (field distortion)	0.190	0.191	0.192	0.185	0.194	0.191
Pearson coefficient (lateral chromatic shifts)	0.930	0.751	0.892	0.718	0.579	0.883

Metric	09/14/2018	09/17/2018	09/18/2018	09/19/2018	09/20/2018	09/21/2018
Pattern intensity dynamic (intensity response 4x4)	29.017	28.662	27.837	28.193	29.679	24.948
Roll off along pink diagonal (illumination inhomogeneity)	9.984	17.943	10.737	10.667	18.269	20.398

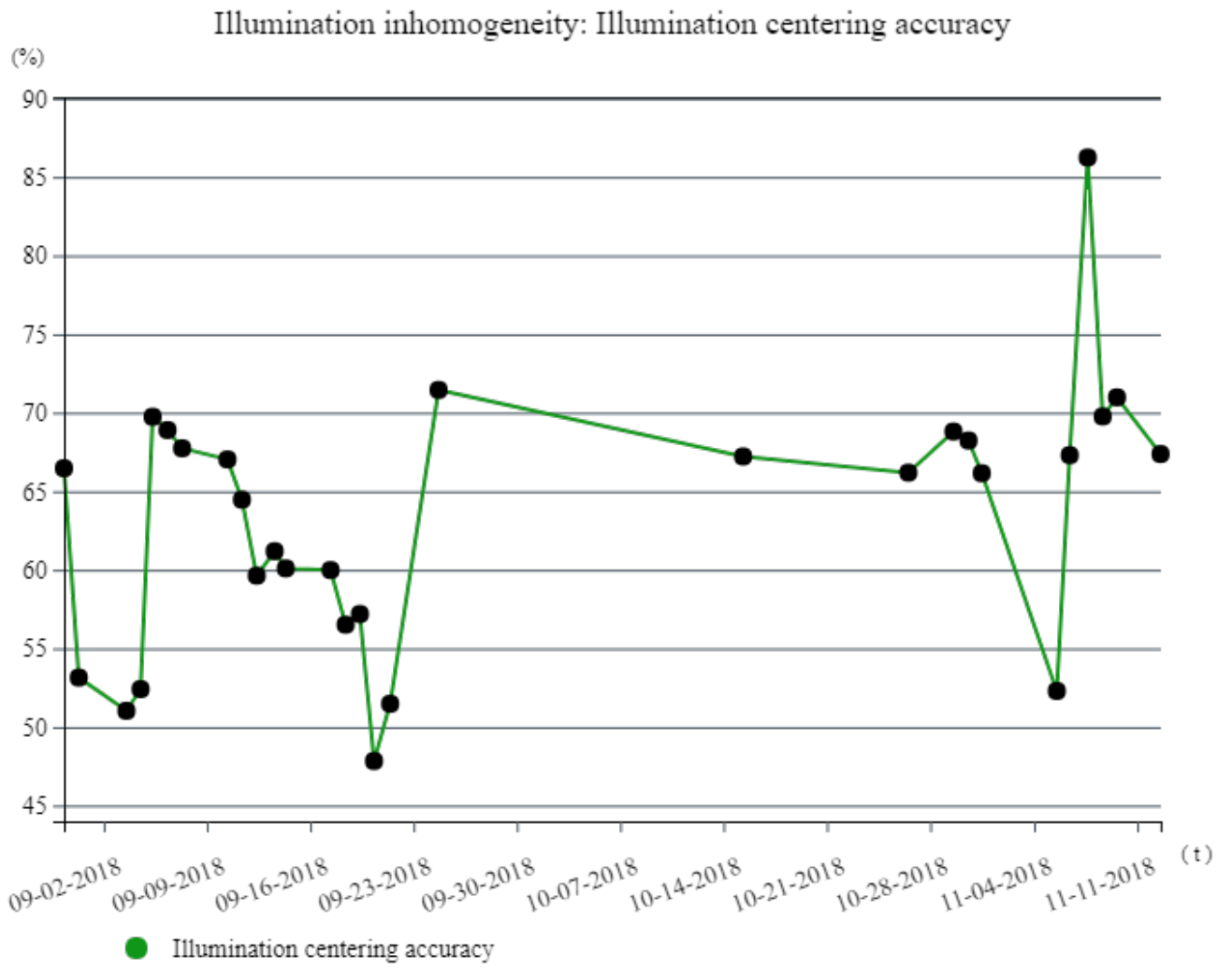
Metric	09/14/2018	09/17/2018	09/18/2018	09/19/2018	09/20/2018	09/21/2018
Roll off along purple diagonal (illumination inhomogeneity)	27.201	25.144	24.532	22.474	28.730	20.079
Maximum distortion rate along x (field distortion)	0.166	0.161	0.164	0.163	0.159	0.160
Maximum distortion rate along y (field distortion)	0.193	0.195	0.189	0.191	0.195	0.184
Pearson coefficient (lateral chromatic shifts)	0.790	0.776	0.976	0.870	0.791	0.842

Metric	09/24/2018	10/15/2018	10/26/2018	10/29/2018	10/30/2018	10/31/2018
Pattern intensity dynamic (intensity response 4x4)	28.951	29.911	29.228	29.585	29.441	29.434
Roll off along pink diagonal (illumination inhomogeneity)	9.391	13.008	10.745	10.198	11.768	11.724
Roll off along purple diagonal (illumination inhomogeneity)	25.921	18.400	30.001	22.450	18.385	18.028
Maximum distortion rate along x (field distortion)	0.167	0.164	0.162	0.162	0.163	0.164
Maximum distortion rate along y (field distortion)	0.194	0.192	0.196	0.194	0.189	0.190
Pearson coefficient (lateral chromatic shifts)	0.785	0.898	0.611	0.968	0.444	0.766

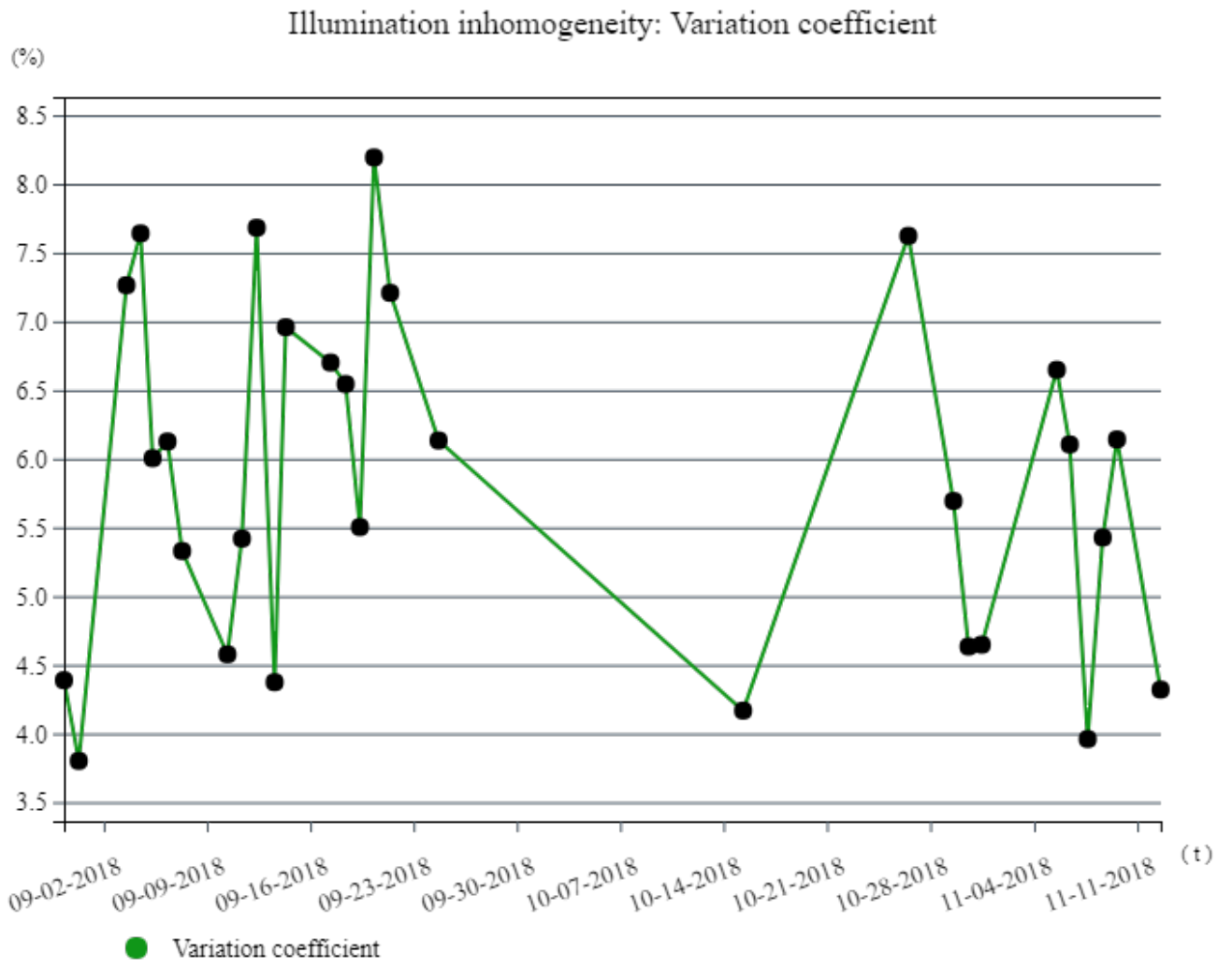
Metric	11/05/2018	11/06/2018	11/07/2018	11/08/2018	11/09/2018	11/12/2018
Pattern intensity dynamic (intensity response 4x4)	28.863	29.781	29.189	29.272	28.818	37.945
Roll off along pink diagonal (illumination inhomogeneity)	11.171	11.246	11.798	11.506	11.558	10.314

Metric	11/05/2018	11/06/2018	11/07/2018	11/08/2018	11/09/2018	11/12/2018
Roll off along purple diagonal (illumination inhomogeneity)	24.607	23.128	16.782	21.326	23.090	15.851
Maximum distortion rate along x (field distortion)	0.157	0.163	0.163	0.163	0.162	0.154
Maximum distortion rate along y (field distortion)	0.196	0.192	0.191	0.193	0.195	0.199
Pearson coefficient (lateral chromatic shifts)	0.421	0.961	0.715	0.945	0.660	0.863

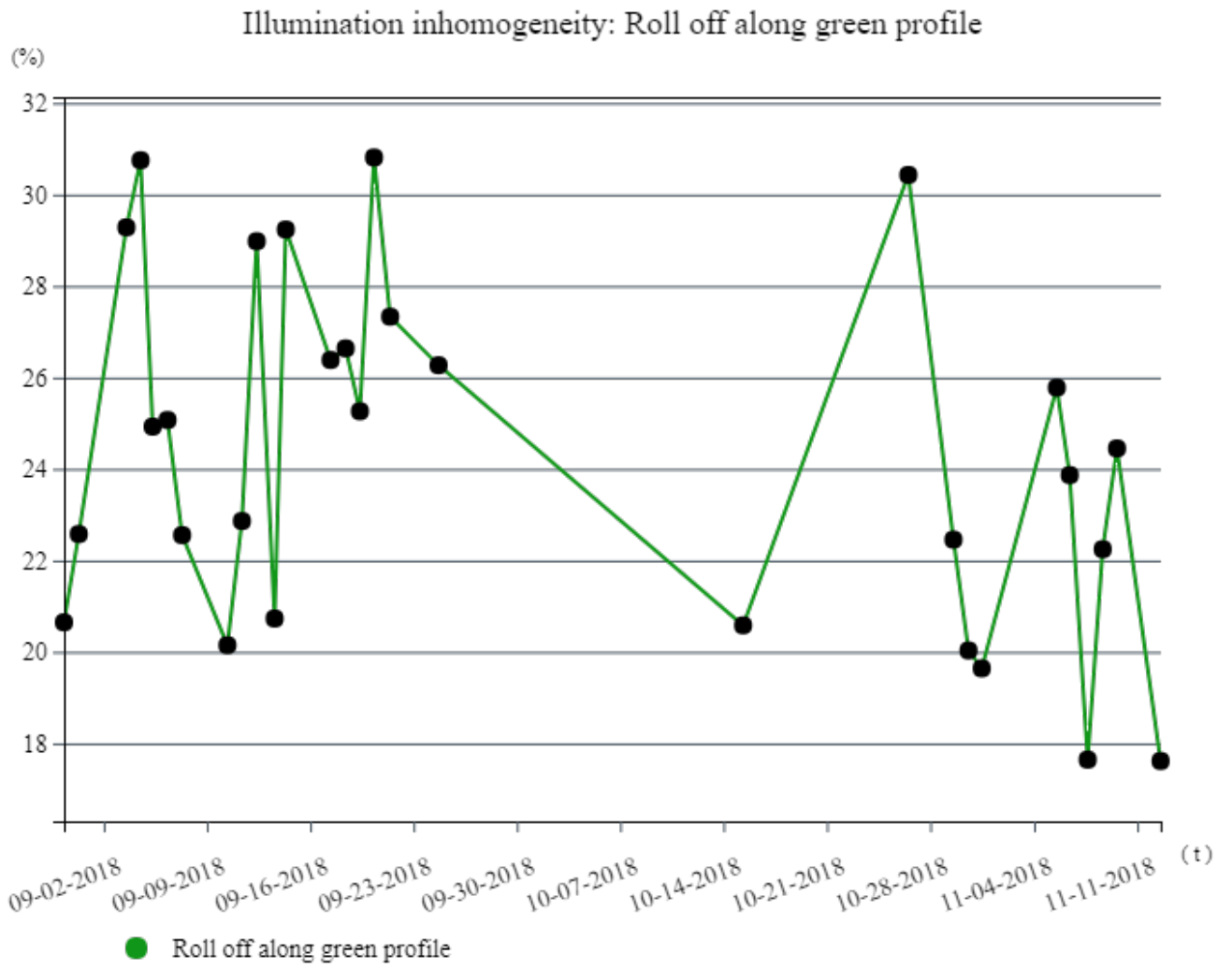
Illumination centering accuracy (Illumination inhomogeneity)



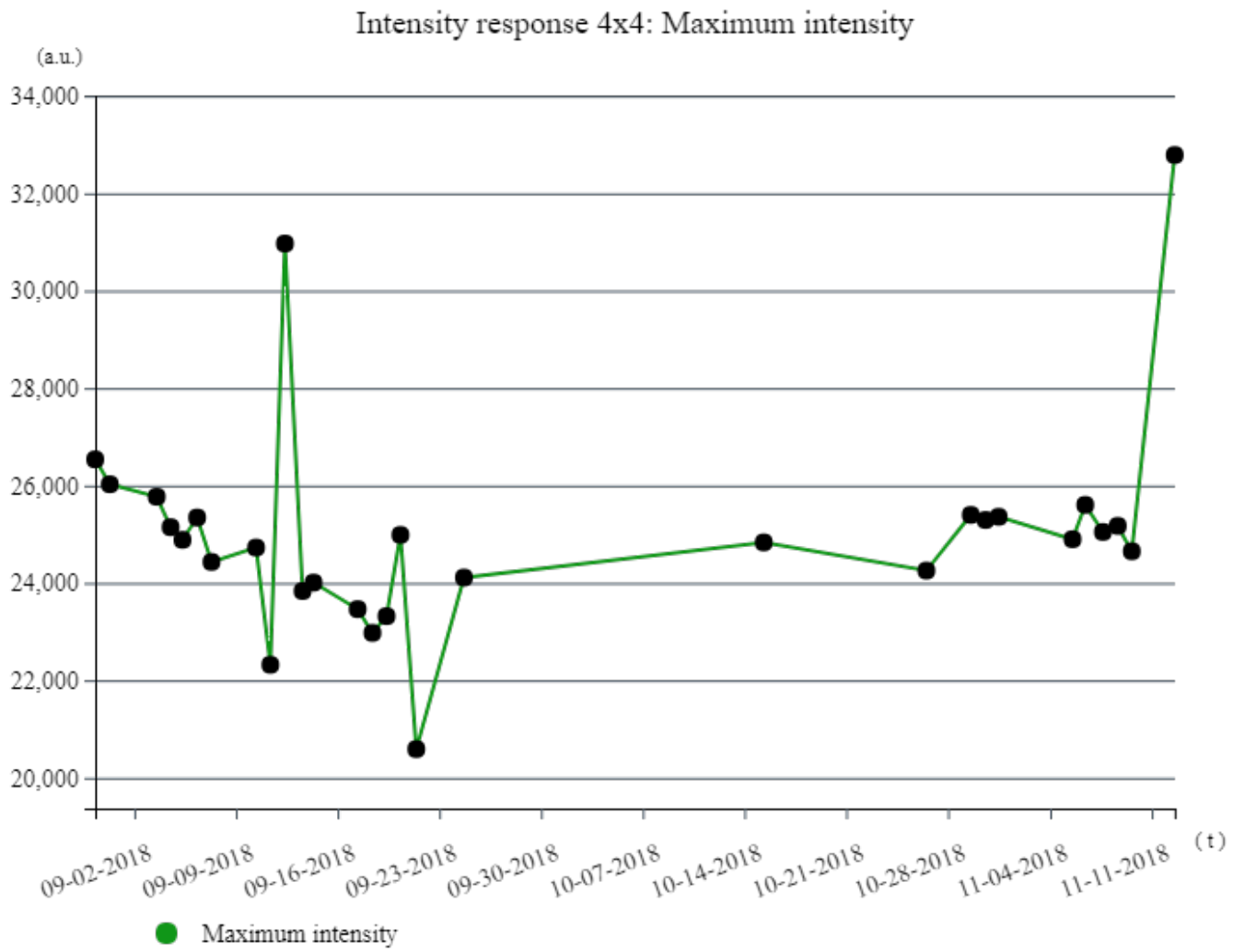
Variation coefficient (Illumination inhomogeneity)



Roll off along green profile (Illumination inhomogeneity)



Maximum intensity (Intensity response 4x4)





*The report has been edited with the Argolight© software Daybook.
More information about it: <http://argolight.com/>*