

SWIFT Calibration Settings

Flats

Take 3—5. Halogen lamp on.

Scale	Exposure Time	Halogen Voltage	Focal Plane Mask
235mas	0.5s	3.5	Open
80mas	0.5s	5.6	Open
16mas	3s	12	Open

Arcs

Take 3. Neon and Argon lamps on.

Scale	Exposure Time	Iris Setting	Focal Plane Mask
235mas	0.5s	235mas (angle=66)	Open
80mas	0.5s	80mas (angle=80)	Open
16mas	4s	16mas (angle=140)	Open

Vertical lines

Take 1. Halogen lamp on. Used to calibrate the alignment of individual slices.

Scale	Exposure Time	Halogen Voltage	Focal Plane Mask
235mas	0.5s	3.5	CoarseVerticalLines
80mas	0.5s	5.6	FineVerticalLines
16mas	4s	12	FineVerticalLines

Horizontal lines

Take 1. Halogen lamp on. Used to calibrate distortion in the image slicer field.

Scale	Exposure Time	Halogen Voltage	Focal Plane Mask
235mas	0.5s	3.5	CoarseHorizontalLines
80mas	0.5s	5.6	CoarseHorizontalLines
16mas	4s	12	FineHorizontalLines

PSF image

Take 1 per run. Neon and Argon lamps on. Engineering use to check stability of the instrument focus.

Scale	Exposure Time	Iris Setting	Focal Plane Mask
235mas	0.5s	235mas (angle=66)	CoarseVerticalLines
80mas	0.5s	80mas (angle=80)	CoarseVerticalLines
16mas	2s	16mas (angle=140)	FineVerticalLines