

SUBJECT

81D-I Alignment

NAME

E. Dufresne

DATE

11/11/20

REV. DATE

9h15 dark pind 1 1013
 dark pind 2 790
 " pind 4 11223

US gap 23.69

DS gap 23.78

#1 Senses 20201111 (file)

Shutter permit 10h14

gap set @ 10h25

umvr diam x -1

#2 ascan prep 0 15 60 1 peak 10.4
 go to peak

flux pind 1 241062-1013 $\Rightarrow 1.11 \times 10^{12}$ ph/s

#3 lup ta 2 fine -30 30 30 1 peak 255kcp

Good, tweaked in position.

Flux pind 4 1.16×10^{12} cps

251927-1013 umvr slit x 0.2 diam x 1mm ^{relativ}

#4 lup diam x -0.5 0.5 60 1

leave as is

Flux pind 1 218673-1013 $\Rightarrow 1.01 \times 10^{12}$ ph/s
 250 x 250 μ m
 slit

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umv si2 vgap 1000

5 lup crlz -0.5 0.5 40 1 Saturates.
att3

6 lup clz -0.5 0.5 40 1
att4 - moved to 9.25

#7 Redo lup crlz -0.5 0.4 40 1

CEN @ 9.2517 go there.

umv ~~crz~~ si2 vgap 150

#8 lup si2 vcen -100 100 40 1

CEN @ 88.21 go there -3 μm off-

si2 vgap 50, att3

9 lup si2 hcen -200 200 40 1

umv si2 hcen -60

#10 lup si2 hcen -250 250 50 1

CEN @ -75 go there.

#11 ascan si2 vgap -10 15 25 1

zero is perfect! gap @ 15 μm

att5 1.897451

flux pind 2 (273793-790) # 1.897451

2.39×10^{10} ph/s

12 lup si4 vcen - 100 100 40 1