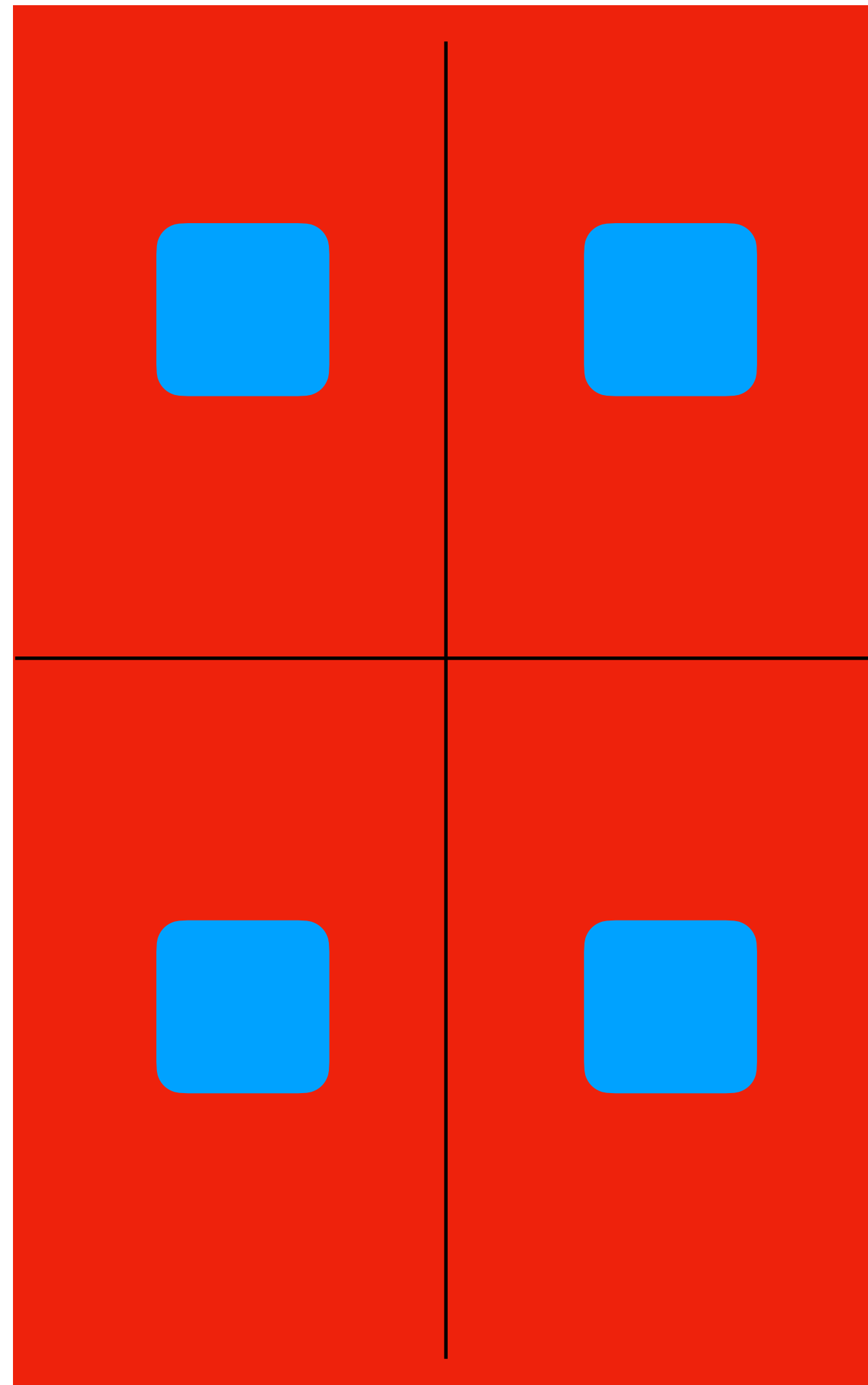


# Optics

# 4 Fusions (per side)



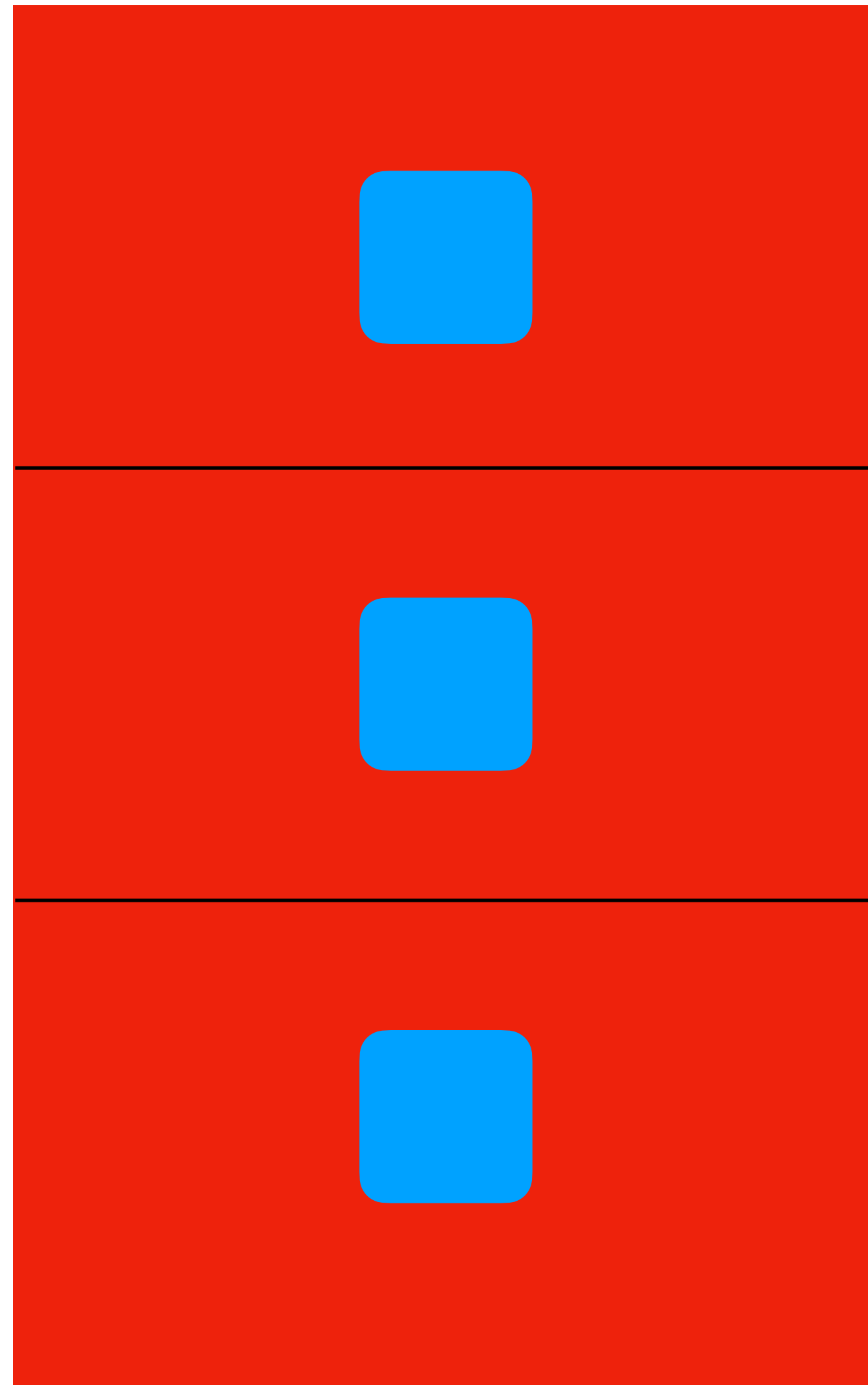
Taking into account the noisy bands, 250 pixel rows are removed on the top and on the bottom;

Cameras are mounted vertically;

Distance from the GEM	75 cm
Light w.r.t. LIME	70%
S/N w.r.t. LIME	0.7
Effective pixel size	183 $\mu\text{m}$
Total cost	80 k

# 3 Quest (per side)

---



No noisy bands

cameras are mounted orizzontally:

Distance from the GEM	70 cm
Light w.r.t. LIME	68%
S/N w.r.t. LIME	1.8
Effective pixel size	122 $\mu\text{m}$
Total cost	160 k

A double phase could be envisaged, with an initial purchase of 4 cameras (106 k) later supplemented with 2 more