

# Digitarium Kappa Fixed System Positioning in a Fixed Dome.

The Digitarium Kappa projection angle is 167 degrees.

Note that the lens is not centered horizontally on the Digitarium frame.

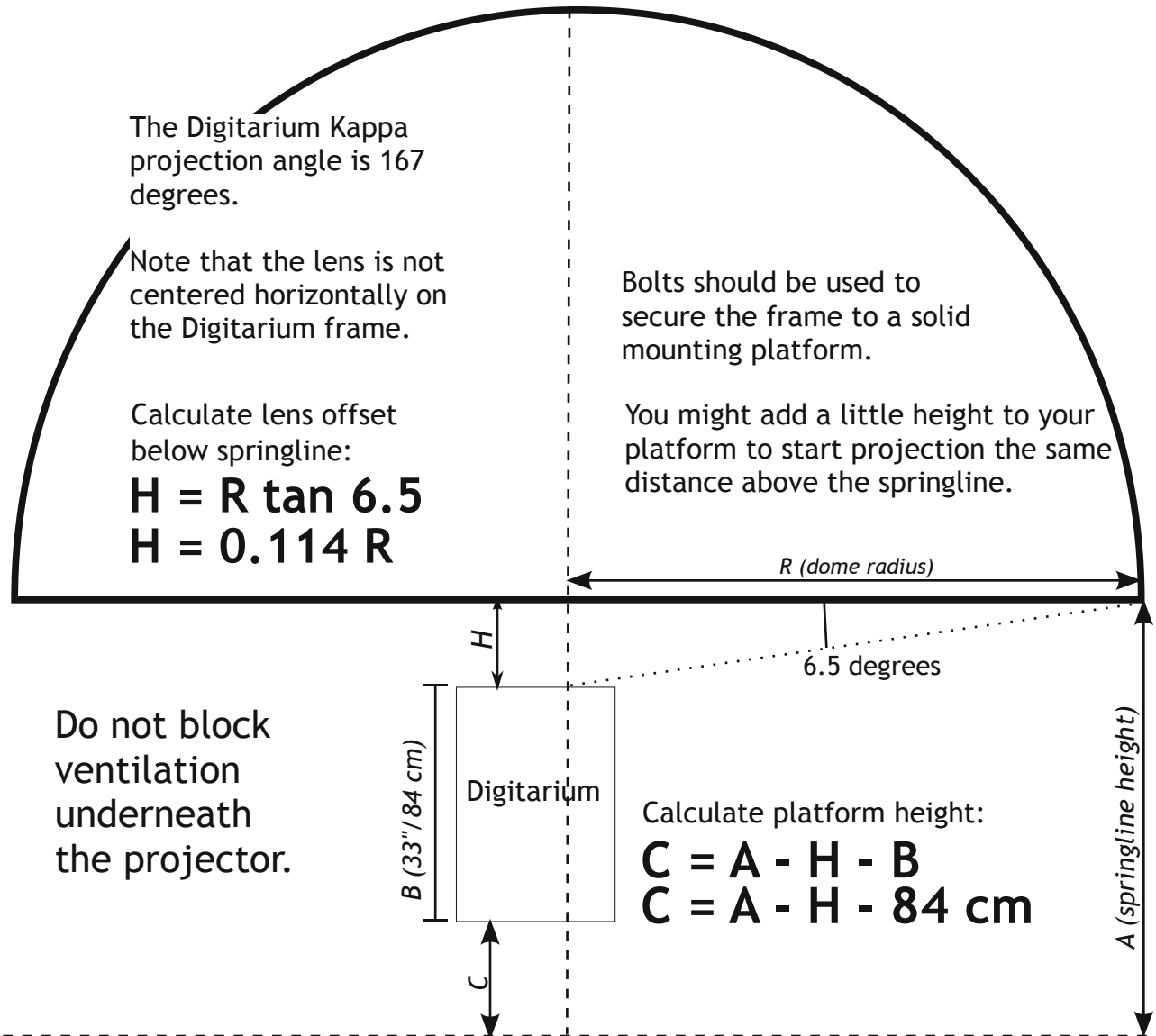
Calculate lens offset below springline:

$$H = R \tan 6.5$$

$$H = 0.114 R$$

Bolts should be used to secure the frame to a solid mounting platform.

You might add a little height to your platform to start projection the same distance above the springline.



Do not block ventilation underneath the projector.

Calculate platform height:

$$C = A - H - B$$

$$C = A - H - 84 \text{ cm}$$

Example: A 10m diameter dome would have  $H = 5\text{m} * 0.114 = .57\text{m} = 57 \text{ cm}$