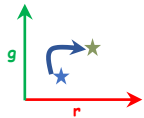


## Calibration phase

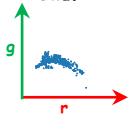
Training and testing  
white points under D65



$$M = \begin{pmatrix} \frac{r_{\text{sony}}}{r_{\text{canon}}} & \frac{g_{\text{sony}}}{g_{\text{canon}}} & \frac{b_{\text{sony}}}{b_{\text{canon}}} \end{pmatrix}_{\text{D65}}$$

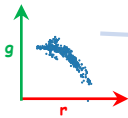
## Training phase

Illu.



$$M \times \mathbf{I}_{\text{Canon}}$$

Reconstructed  
image illuminants

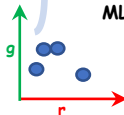


RAW

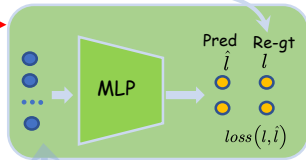


$$M \times \mathbf{Y}_{\text{Canon}}$$

Reconstructed  
image data



Mapped into feature space



MLP Optimization