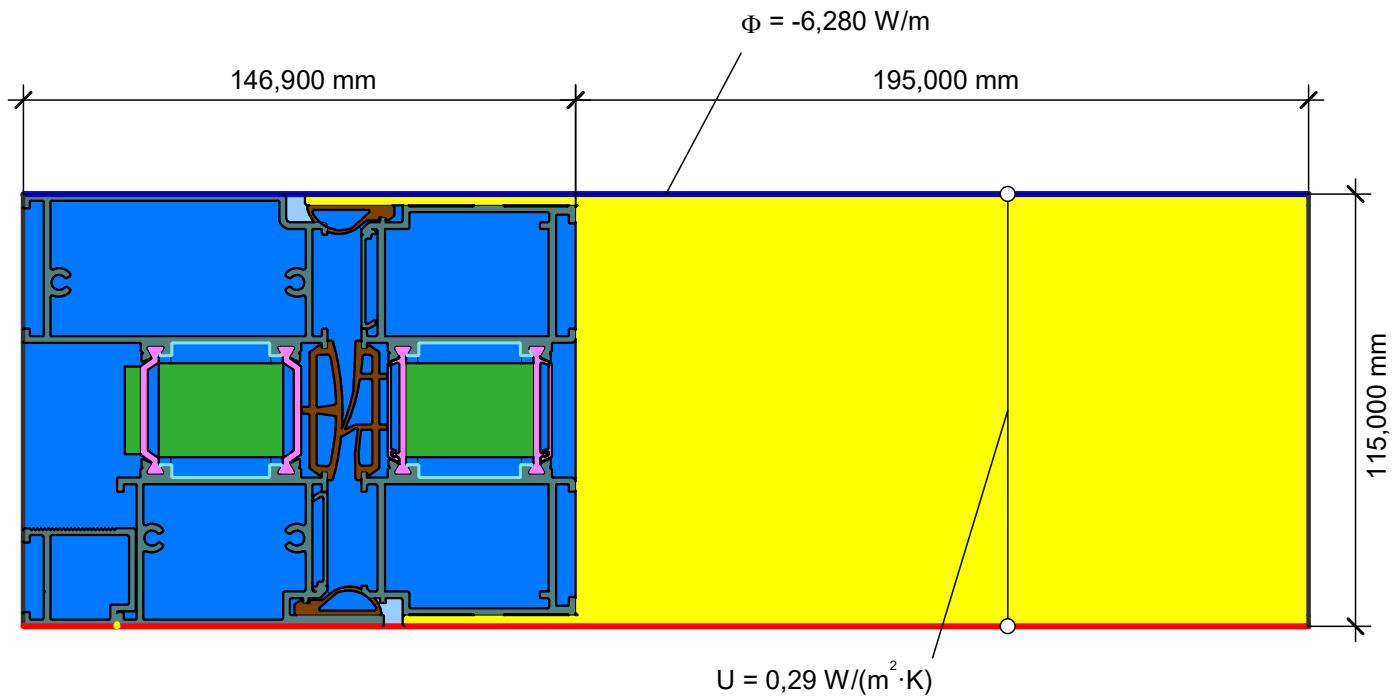




$$U_f = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{6,280}{20,000} - 0,289 \cdot 0,195}{0,147} = 1,8 \text{ W/(m}^2 \cdot \text{K)}$$