

**Abstract:**

This research investigates the integration of Human-Centric Lighting (HCL) in social residential apartment design. Using a daylight via studies methodology, we analyze lighting performance across different façade and interior configurations. Supporting this analysis are case studies of exemplary social housing projects, which provide contextual insights, and a comparative evaluation of design alternatives to refine strategies. The findings highlight innovative approaches to maximizing natural and artificial light integration for enhanced occupant well-being and sustainability.