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HUMAN CENTRIC LIGHTING

in office & working environments





Human Centric Lighting for productive working environments

Light that adapts to people. For focus, energy, and well-being in everyday working life.

Modern offices are no longer purely functional spaces. They are productivity areas, communication zones, and calling cards for a brand. This is exactly where Human Centric Lighting comes in. Instead of static lighting, the light follows the natural course of the day, promoting alertness, concentration, and performance throughout the entire working day.

HCL acts as a biological clock, especially in areas with little daylight or where employees spend a lot of time working at computer screens. Typical effects include noticeably higher cognitive performance, fewer fatigue peaks in the afternoon, and an overall more stable sense of well-being among employees. This transforms lighting from a cost factor into a clear performance lever in the workplace concept.

In practice, this means activating, cooler light in the morning and during periods of focus, and neutral to warm scenes for meetings, collaboration, and breaks. Lighting control thus becomes an integral part of the space logic, not an afterthought. This is exactly what onework LUX Tunable White luminaires are designed for. They provide the necessary dynamics in color temperature and illuminance, combined with precise, glare-free optics and a clear design language. In conjunction with intelligent KNX lighting control, scenes can be called up automatically or intuitively, tailored to usage, time of day, and team routines.

- **More performance throughout the day:** HCL increases alertness and cognitive performance, especially during afternoon fatigue periods.
- **Better visual comfort:** Glare-free light distribution reduces eye strain and headache triggers when working at a computer screen.
- **Higher employee retention:** Dynamic morning scenes promote alertness and sleep quality in adolescents.
- **Scenes appropriate for teaching:** Focus, Energy, Calm. Depending on the teaching situation. Can be controlled automatically or manually.