

My name is Ole Eichmeier, and I am studying Sustainable Design at the ecosign/Akademie für Nachhaltiges Design in Cologne. My focus is product design at the intersection of design, technology, and function. In my opinion sustainability is a fundamental challenge in design. Products must be durable, repairable, and consistently purposeful.

I have always enjoyed taking objects apart to understand how they work. Today, I am especially fascinated by the deliberate process of assembling, designing, and further developing products.

My interest in lighting was shaped early on through the hands-on implementation of functional lighting solutions in event technology. I also incorporate my foundational understanding of electrical engineering into many of my designs.



The “Noema” luminaire provides ideal lighting at the work-space. It combines uniform, wide-area illumination to reduce screen contrast with a focused spotlight for precise, directed light.

Switching between modes takes just one intuitive movement. An integrated gyroscope in the lamp head measures the tilt angle, so the luminaire automatically switches to spotlight mode when the head is tilted downward by more than 30°.

Inside the lamp head, borosilicate glass rods guide the light and diffuse it in a controlled way. The head rotates 180° around its own axis, and the entire luminaire can rotate 180° on its base. Friction joints allow smooth, continuous positioning. Power is supplied via a low-voltage current and transmitted wirelessly through the joints. The casing is made from recycled aluminum, representing durability and precision.

