

Next Material

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Lightiwear

LIGHTIWEAR describes a limited light emitting fashion collection constructed by Farbod Daneshian as part of his Bachelor thesis. The conceptual idea behind LIGHTIWEAR is to construct ready-to-wear clothing pieces with light emitting features. Too often this kind of textile technology is used for high-end and artistic fashion design, signalling that light emitting technologies suitable for everyday clothing. This statement is to be disproved by LIGHTIWEAR.

With smart designs, minimalistic cuts, strong lines and exciting patterns LIGHTIWEAR will not only increase the awareness for light emitting fashion but also deliver fully functioning pieces using a unique light emitting technology. Within the production of the light emitting fabric, high quality optical fibers are embroidered onto the fabric, using a special embroidery technique that allows almost every kind of desired pattern. The optical fiber is then connected to a small wearable laser which functions as light source. Upcoming new pieces can even be controlled via app with different settings for the light emitted feature. Due to the smart construction of the LIGHTIWEAR pieces, lasers can be exchanged and thus the same clothing piece can emit different colours within the visible spectrum of light and even infrared light. LIGHTIWEAR pieces display their full potential in barely illuminated environment. When surroundings get darker, it only takes the push of a button to defy the gloomy void of night-time.

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