



Pics: Courtesy of Casambi

# SMART FROM START TO FINNISH

*Finland's Tunto Design has integrated Casambi's smart lighting control solution into its latest design project at Team Finland's new head office in Espoo.*

When Team Finland, an organisation promoting Finnish companies abroad, decided to move into new office buildings located in Espoo, it came as no surprise that Finns would be involved with the fit-out. In fact, a trio of Finnish companies has helped to transform the office interior into a calm, creative and comfortable workspace. The interior design was spearheaded by Design Studio Muotohiomo, which appointed Tunto Design to deliver a harmonious lighting scheme, and it subsequently teamed up with Casambi to ensure that its luminaires could be wirelessly controlled via Bluetooth low energy.

In cooperation with Muotohiomo, Tunto developed a bespoke LED lighting fixture for the new headquarters: a combined light and power source column that, along with its technical features, blends in with its surroundings while becoming an aesthetically important part of the office interior. Besides delivering high-quality flicker-free lighting, each of the upright wood columns serves to run electrical and data cables to workstations while also keeping them hidden from view. In addition to this new lighting column, Tunto supplied several other light fixtures at the

property, including sleek and powerful Swan pendants, LED40 modular tube lighting and LED40 wall lighting. In total, around 200 luminaires have been installed.

The lighting of the building is uniform and the luminaires fulfil all requirements of office lighting with regard to quality of light (anti-glare and flicker free) and providing precise automated and manual control. Casambi is the ideal smart lighting platform for controlling the customised columns and surrounding fixtures given that it is wireless, and the minimalist interior promotes an environment that is cable free. The smart lighting system can control individual luminaires as well as groups, which is key to the interior design requirements of the project. The colour temperature and light intensity have been pre-programmed to change during different seasons of the year. Of course this preset schedule can be interrupted, and overrides are available to office staff, who can personalise the lighting using a smartphone or tablet and an easy-to-use Casambi app. What's more, this is a solution that is flexible enough to allow future adjustments to the interior design without needing to worry about how such changes will impact the lighting

control system. Casambi allows users to communicate directly with luminaires via Bluetooth, so it's simple to commission or reconfigure luminaires at any time. Lighting is clearly a flagship element within the four-storey office building, not only for the need to ensure a significant level of ambient light, but also because of how much attention is paid to the lighting fixtures as part of the overall design. Reflecting a respect for traditional woodcraft and ecological thoughtfulness, Tunto has developed innovative and artistic lighting concepts that combine the latest LED technology with wood used as the main material.

The lighting acts as the unifying element throughout the interior of the office, which in totality communicates calm and warmth. The serene and simplistic surroundings are rendered by employing practical furnishings which use a palette of muted pastel tones and natural light wood grain, a popular trademark of Nordic design. Team Finland's head office is sophisticated in a simple, direct and straightforward way, which in turn mirrors how its companies aim to do business with the rest of the world.

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