

Tunable White Solutions

Tunable White technology imitates the progress of sunlight over the course of the day by changing the color of the light and adjusting it to the changes in the human biological clock.

The technology is designed for implementation on indoor lighting and is particularly effective for use in offices, workspaces and classrooms, in which productivity and the students and employees' feeling of well being is of critical importance.

The color of the light is changed by automatically-timed dimming, while preserving the quality and intensity of the light.

System Components:

The luminaire contains two types of LED lamps: 6,500°K (white) and 3,000°K (yellow). The combination of the two allows illumination in all colors of light on the above spectrum.

A DALI Driver, which controls the change in the color of the LED light.
A power supply connecting the driver to the operating panel or circuit breaker compatible with this technology.

An operating panel for changing the color and intensity of the light or a Switch dim*.

* The system can also be connected directly to a central control and from there to a Building Management System (BMS).

