



# TUNABLE

MAGNUM  
INNOVATIONS



# WHITE

**Feel** the Future of **Connected Lighting**

Commercial Offices - K-12 Schools - Healthcare Facilities

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## Create an optimal environment for students, patients, employees and beyond..

**Tunable white lighting technology is the ability to control the color temperature of a light source, usually LED.** Color temperature is known as CCT or Correlated Color Temperature and is measured in degrees of Kelvin (K). Lighting that is more like “candlelight” is around 1800K, whereas daylight is more like 7000K. There are various use cases for tunable white lighting. Offices, medical facilities and schools can see immediate benefits related to health, productivity, sustainability and focus.

### **Magnum Innovations offers various controls strategies to enhance the flexibility of tunable white lighting.**

From a standalone perspective, Magnum offers a variety of fixture integrated lighting control modules that when paired to a wireless, battery free light switch, allow occupants to click through color temperature options based on preference. The user can also dim within their selected color temperature. This solution is simple to deploy, easy to use and cost effective.



### **When it comes to dynamic tunable white lighting, Magnum Innovations can offer two automated approaches to controlling tunable white lighting.**

One is through an existing building management system and the other is with Magnum’s Venergy software. Venergy or a BMS can provide a simulated circadian rhythm or the software can send various triggers throughout the day to modulate color temperatures in different zones. In a school classroom for instance, children with special needs may require different lighting levels than others. The Venergy software platform doesn’t require any ongoing licensing fees and can be deployed with a customized user interface for a single building or a central location for the remote access and control of multiple sites.

