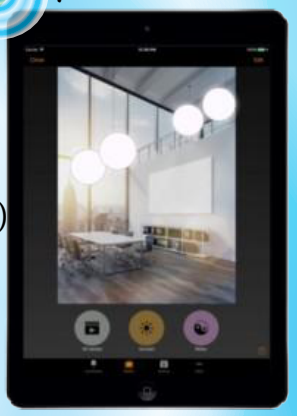
CENTER COURT LIGHTING

The Blue-Tech solution is based on Bluetooth Low Energy, the state-of-the-art wireless technology and the only low power wireless technology in all modern smartphones, tablets and even smartwatches, making it the only mainstream and future proof low power radio technology in the world.

Control all fixtures from your smart devices.

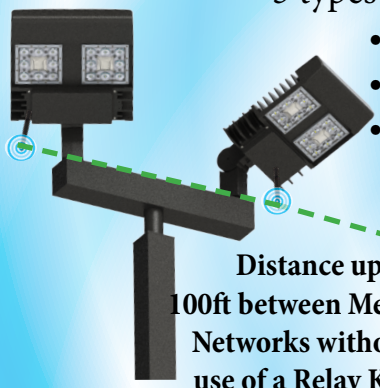


Components

As little as 1 unit and any smart device.
or
Pair 100's of units w/various switches.

3 types of received modules

- Your Smart Device (network access can be shared)
- Signal Repeater (up to 100ft w/o relay)
- Module inside fixture (includes Antena, Repeater and driver)



Distance up to 100ft between Mesh Networks without use of a Relay Kit.

100%

Within each luminaire we pre-assemble the relay, BT Module and attach antenna on exterior.

Bluetooth lighting control with Casambi:

Has adapted BT low energy technology (BLE) into a simpler more efficient modulation system.

Operates at a 2.4 gh band capability for mesh communication. The more modules you add the stronger and wider the mesh becomes.

Not a replacement for a complete Dali system. Great flexible advantages and cost effective. Very easy to use.

Let's get turned ON!

Basic Network, set up a module to switch on and off and tune up and down.

RGB Network, quite different with an array of options including color selection.

Grouping in Gallery, can control lights together and can create virtual switches for various areas. Good for retail and hospitality. You don't have to remember the names of the groups but can see pictures taken of the area as an icon and select the luminaire.

Circadian Proof!

Time Clock, can be quite complex and not intuitive to set up usually. With Casami this can be taken care of. On and off times and calendar settings. Also tunable white light fittings can be added with the circadian settings. With preset timing functions which can guide your light throughout the day with a few simple set up options.

SCAN ME

See User Guide for product details set up and use instructions

www.techlight.com/resources.asp

BLUETECH by Techlight

LIGHTING CONTROL FOR THE MODERN WORLD

SCAN ME

Smart

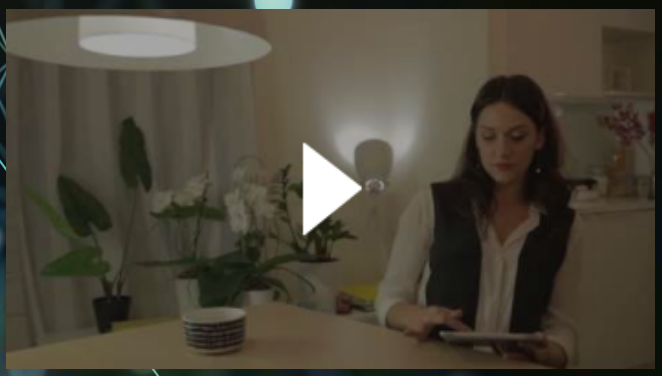
Blue-Tech devices are smart on their own. All the intelligence is replicated in each node, leaving no single point of failure. The system itself is self-healing and in constant synchronization. In this kind of fully distributed and symmetric architecture any unit can go offline and catch up from others when they return back online.

User Friendly

The system is intuitive. You do not need any new wiring, switches, devices or networks. Plug in the lighting fixture and pair it with your phone or tablet. No other configurations by a professional technician are needed.

Connected

Blue-Tech devices are connected when needed. An Internet connection is not necessary. Bluetooth Low Energy is already implemented in smartphones and tablets, so communication between the user interface and the network of luminaires can be done without any additional gateways.



https://youtu.be/VITTn2JarmI

Internet Controlled:

The most advanced system would be the PCR7 based Synapse wi-fi based system using the TL7-B2 twistlock lighting controller.

These controls along with the site controllers and the Synapse Snap software interface allow full control and data harvesting from any site. Other sensors can be integrated into the mesh network as well as switches for manual operation.

Blue-Tech Relays - Connect Fixtrues into a singular Mesh Network

Motion Based Control:

The Wattstopper FSP-211 motion activated sensors could be used for tennis facilities if you only need the lighting to operate only when players are present.

You could set them to turn on at first motion and stay on for a period of time say 2 hours then dim to 30% and finally shutoff if nobody is present.

Each sensor acts independently so all of the lights would need to be triggered by the players movement on the court. They do have a photocell which would need to be turned on and set so the motion would not activate the lights during the daytime light hours.

This system has no clock or day of the week functionality so it is truly the most rudimentary system for tennis.
Mostly for unattended play in a municipal park or school setting.

See User Guide for product details set up and use instructions.

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