A new way to make your home beautiful with Fine Lighting

TruRetrofit Lighting Control System
With the right ambience, a space can provide a sensual experience, from cosy peacefulness to passionate romance, making it a 4-dimensional sensual delight. The best way to achieve that is through **Fine Lighting**.

**Fine Lighting** is the art of creating inspiration with light that’s matched to the occasion. This is implemented by interplaying designer lighting fixtures with light intensities from various artificial and natural light sources...

...of which the effect depends on expert lighting designs executed through a state-of-the-art scene control system.

A state-of-the-art scene control system can be part of a larger interoperable system, or it can be a standalone retrofit system to replace mechanical switches to enable scene control on the existing circuit. However, not all retrofit scene control systems are born equal and some “retrofit” systems actually need major rewiring.

Schneider Electric believes in bringing the enjoyment of Fine Lighting to everyone. We pioneer TruRetrofit systems, our “EZinstall technology” is the easy way to apply scene control to attain Fine Lighting, also to meet the installation practice in Asia, and to enable direct replacement of mechanical switches.

**Technology, never stops.**

Light source industry keeps changing. LED and CFL are leading the lighting trend to sustain green living, however, these new light sources created compatibility problems when matched with traditional dimming devices.

**Fashion, evolves.**

The trend of interior design is also changing, more common to install embellished glass, mirror, metal or other transparent materials. However, these materials may affect the stability of radio frequency remote controlling the lighting switches or appliances.

To address these new trends, the EZinstall technology is improved to be **EZinstall 3**.
“dimtect” technology, lamps detected and matched automatically

Patent pending “dimtect” technology enable dimmers to automatically detect its lamp partner and perform dimming function when connecting to dimmable lamps, and...

automatically switch to ON/OFF function when connecting to non-dimmable lamps

Dimmer with “dimtect” technology that can be compatible with different lamps which include not only incandescent Lamp and Halogen Lamp, but also CFL and LED

It is flexible to change the lamp to match different light fittings anytime to meet your lighting design even after installation, without any limitation on choosing lamps from now on...

ZigBee radio frequency

ZigBee protocol is based on the IEEE802.15.4 standard, works on 2.4GHz radio frequency, it minimizes noise interference, offer a more reliable wireless control.

ZigBee specifies the global Peer-to-Peer wireless mesh networking standard with no virtually limitation in range and scalability, no worry about the type of decorating materials that will affect the quality of remote control.

ZigBee protocol can also integrate with other security, audio or video system with ZigBee.

P2P mesh networking

<table>
<thead>
<tr>
<th>MATCHING DIMMERS</th>
<th>Light source</th>
<th>Traditional Electronic Dimmer</th>
<th>“dimtect” Dimmer</th>
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</thead>
<tbody>
<tr>
<td>incandescent lamp</td>
<td>✔️</td>
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<tr>
<td>Magnetic transformer with low voltage Halogen lamp</td>
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<tr>
<td>Electronic transformer with low voltage Halogen lamp</td>
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<tr>
<td>Compact Fluorescent Lamp (CFL) - dimmable</td>
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<td>✔️</td>
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<tr>
<td>LED - dimmable</td>
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2-wire TruRetrofit

2-wire retrofit requires no neutral wires, easy installation, without hassle on rewiring.
About Schneider Electric

As a global specialist in energy management with operations in more than 100 countries, Schneider Electric offers integrated solutions across multiple market segments, including leadership positions in Utilities & Infrastructures, Industries & Machine Manufacturers, Non-residential Buildings, Data Centres & Networks and in Residential. Focused on making energy safe, reliable, efficient, productive and green, the Group's 130,000 plus employees achieved sales of 22.4 billion euros in 2011, through an active commitment to help individuals and organizations make the most of their energy.

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