



## Tecniplast LEDDY

### The innovative wireless, fully programmable IVC lighting control system

For years it has been well known how important the day/night cycle is, and how the circadian rhythms can affect animal behavior. **With LEDDY, it is possible to evaluate the animals' physiological response related to lighting stimuli, without moving the cage from the rack.** Leddy, by combining a red tinted cage with a programmable LED source, allows the operator to set dedicated light cycles directly inside the home cage, and run different experiments in the same IVC rack.



#### FLEXIBILITY & SAVINGS

- **Multi-experiments system:** every single cage can be independently programmed with a specific lighting cycle, allowing the possibility of running different experiments in the same room and even in the same IVC rack, without affecting other cages.
- **Resources saving:** no more waste of time and space by dedicating specific rooms to light cycles studies.

#### ANIMAL WELFARE & BETTER SCIENTIFIC OUTCOMES

- **Every cage receives a defined intensity of light for a specific time cycle**, without being influenced by the room environment, with better standardization of the biological results.
- **Decrease in potentially stressful operations**, mainly by avoiding the movement of cages off the rack (research in the IVC home cage).

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QUALITY SYSTEM  
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= ISO 9001 =

COMPANY WITH  
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**TECNIPLAST**  
innovation through passion

#### HEADQUARTERS

ITALY | Tel. +39 0332 809711 · [www.tecniplast.it](http://www.tecniplast.it) · E-mail: [tecnicom@tecniplast.it](mailto:tecnicom@tecniplast.it); [venditeitalia@tecniplast.it](mailto:venditeitalia@tecniplast.it)

#### SISTER COMPANIES

AUSTRALIA/NEW ZEALAND | Tel. + 61 2 8845 6500 · [www.tecniplast.it](http://www.tecniplast.it) · E-mail: [info@tecniplast.com.au](mailto:info@tecniplast.com.au)

CHINA | Tel. + 86 (0)21 50810920 · [www.tecniplast.cn](http://www.tecniplast.cn) · E-mail: [tecniplastchina@tecniplast.it](mailto:tecniplastchina@tecniplast.it)

FRANCE | Tél. +33 (0)4 72 52 94 41 · [www.tecniplast.fr](http://www.tecniplast.fr) · E-mail: [info@tecniplast.fr](mailto:info@tecniplast.fr)

GERMANY | Tel. +49 (0)8805 921320 · [www.tecniplast.de](http://www.tecniplast.de) · E-mail: [info@tecniplast.de](mailto:info@tecniplast.de)

UNITED KINGDOM | Tel. + 44 (0)845 0504556 · [www.tecniplastuk.com](http://www.tecniplastuk.com) · E-mail: [info@tecniplastuk.com](mailto:info@tecniplastuk.com)

JAPAN | Tel. +81 (0)3 5770 5375 · [www.tecniplast.it](http://www.tecniplast.it) · E-mail: [info@tecniplastjapan.co.jp](mailto:info@tecniplastjapan.co.jp)

USA | Toll Free: +1 877.669.2243 · [www.tecniplastusa.com](http://www.tecniplastusa.com) · E-mail: [info@tecniplastusa.com](mailto:info@tecniplastusa.com)

CANADA | Toll Free: +1 855.347.8718 · [www.tecniplastcanada.com](http://www.tecniplastcanada.com) · E-mail: [info@tecniplastcanada.com](mailto:info@tecniplastcanada.com)

CAT176/ING - Rev June2018

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