



Tecniplast LEDDY

The innovative wireless, fully programmable IVC lighting control system

For years it has been well known how important the day/night circle 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).

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV GL
= ISO 14001 =

TECNIPLAST
innovation through passion

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