



Light is clever

DALI ECO Swarm Adapter

Usage-dependent lighting adaption at the workplace,
without islands of light – easy and automatic, via radio

Light is **OSRAM**

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Good working atmosphere

Optimal “work-light balance”

The working environment is constantly changing

Many employers want to implement new office concepts, including:

- Open-plan offices with “desk sharing”
- Ergonomic workstations
- Flexible working hours

illumination, everything simply goes easier, safer and faster. This is why lighting professionals are looking for a clever solution, which **automatically and intelligently adapts itself to the respective usage situation**. The name of this solution is: **DALI ECO Swarm Adapter**

The new trend: Smart lighting

Depressing islands-of-light situations are out of place with the way we work today. Light has to be smart, i.e. no matter which workstations are being used, they have to be optimally lit, creating a pleasant, feel-good environment for the employees because, with the right kind of

The DALI ECO Swarm Adapter is ideally suitable for:

- Installation into floor-standing lamps
- Workstations for group work
- Open-plan offices
- Aisles and corridors
- Underground parking garages etc.

Working principle

Unoccupied workstation
Reduced illuminance

Occupied workstation
Normal illuminance

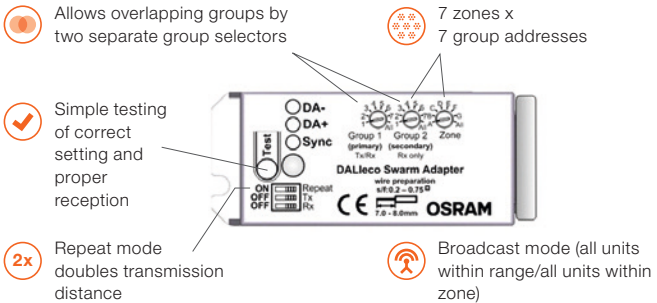
Unoccupied workstation
Reduced illuminance



DALI ECO Swarm Adapter

Adaptive lighting made easy

In connection with the DALI ECO controller, the DALI ECO Swarm Adapter allows for automatic synchronization of individually presence-controlled and daylight-controlled luminaires. It is the solution for implementing innovative and cost-efficient lighting concepts within modern workstation designs.



Only 11 mm high, the DALI ECO Swarm Adapter is an add-on for the DALI ECO controller for the design of intelligent swarm control concepts to avoid islands of light. Thanks to its compact dimensions, it can also be used within luminaires with confined space for installation, so there is practically no limit for freedom of design when building luminaires.

Technical data:

- Radio contact (868 MHz technology)
- Large range: up to 50 m
- Dimensions (l x w x h): 71 x 30 x 11 mm
- VDE/VDE EMV-certified system

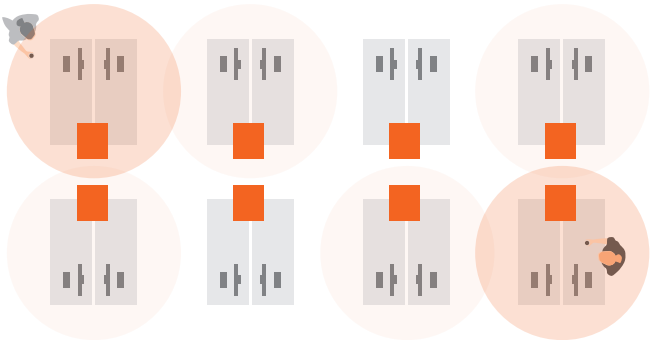
The major advantages:

- Space-saving installation even in closed luminaires, maximum freedom of design
- No programming required (“plug & control”)
- Easy grouping via group coding selector
- No interference by/of existing radio network/s (e.g. WLAN)

Intelligent light

For individual room usage

With the DALI ECO Swarm Adapter, planning and implementing the variable usage of rooms and workstations are as easy as it gets. The automatic adjustment of the individual illuminance ensures that the light is always distributed ergonomically throughout the room. This is an important element for a pleasant and productive working atmosphere.



Sample scenario

At the occupied workstation, the DALI ECO Swarm Adapter adjusts the luminaire to normal illuminance. The other luminaires, which are wirelessly connected with this luminaire, are automatically switched on as well, creating a pleasant overall lighting, which avoids island-of-light situations.



OSRAM – your trailblazer for smart lighting projects

As an experienced and reliable provider of intelligent lighting solutions, OSRAM is happy to support you in being successful in the trendsetting smart lighting market. Thanks to our innovative and high-quality products, you can design both indoor and outdoor areas more ergonomically, more individually and more energy-efficiently than ever before.

To learn more about our smart lighting products, please go to:
www.osram.com/lms

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