

Refurbishment

Educational Institutions & Sports Halls



Green
Update

Refurbishment with a vision

Start successfully with new rules



Minimise the risk – initiate alterations punctually

The end of fluorescent lamps is in sight. And the sharp increase in energy prices is also noticeable. Strategies are needed to ensure that efficient lighting remains economical.

Timetable phase-out

	25.2.23 RoHS	25.8.23 RoHS
Compact fluorescent lamps (without integrated ballasts)		
Circular T5 fluorescent lamps		
Linear T5 fluorescent lamps		
Linear T8 fluorescent lamps (600 mm, 1200 mm, 1500 mm)		



© licht.de

**RETROFIT
IS NOT
THE
SOLUTION!**

- Light quantity, light distribution, glare, light colour, colour rendering and consistency usually differ.
- An alteration in the illumination level, homogeneity and luminance distribution of the previous system.
- The LED light and efficiency characteristics of the retrofit lamp are obviated by the old reflector technology.
- The test certification on the luminaires become invalid when the luminaires are not tested anew.
- Problems when dimming the light and with emergency lighting.
- Refurbishment with retrofit lamps is not subsidised.

Benefits from new lighting

– start the update now and win more time!

Quick and simple

Compatible and efficient products can be exchanged 1:1 – the rapid way to achieve perfect lighting.

Proven quality

No compromises on quality and light – for fast profitability and long service intervals.



Sustainable savings

Exploit potential savings and also still comply with EU specifications for CO₂ and RoHS – save for tomorrow's world

Convenient and efficient

A control system which is tailored to needs for efficient, bespoke light. Save money with modern comfort included.

A successful strategy for new lighting

Dynamic new aspects become important when lamps are phased out. Time to get started on some new projects and update older ones. We can always provide product lines and concepts for every strategy. We are happy to support you in the implementation of your requirements and needs. Funding scenarios and light management can also be taken into account.



netlife light management – exploit additional potential for savings

- + netlife easy:** Simple, wired stand-alone light control
- ++ netlife flex:** Bluetooth control solution, ideal for 3-core leads
- +++ netlife pro:** Centralised light management, IoT solution/Cloud solution



Refurbishment planning

Classroom with *alevo*



**T8
LED**

Classroom:
69 m²
500 lux
3750 h/a

Old system: cubus

New system: alevo

Energy savings per
classroom

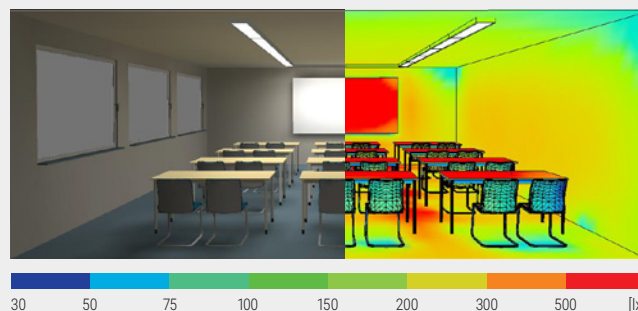
54%

Reduction of CO₂ emissions



0,33 t/year
per classroom

Eligible for funding



alevo

- Solutions for 3-wire exchange situations
- Ideal as 1:1 refurbishment solution
- Renovation without cosmetic repairs – perfect concealment with covering housings.
- Complies with the new DIN 12464-1
- With tunable white and HCL, perfectly matched light colours for concentration and natural lighting moods





Refurbishment planning

Three-field sports hall with *ballea*

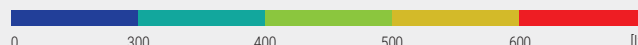
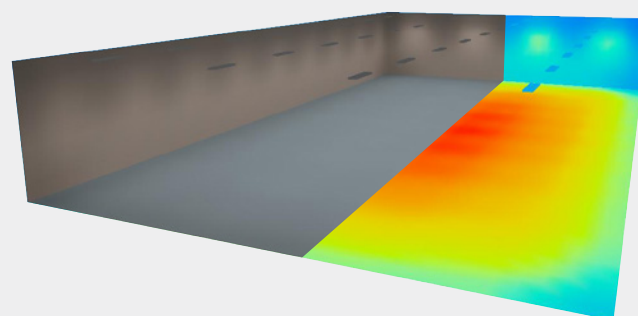


IK10

RG19

157
lm/W

100.000h



ballea

- Experience all kinds of sport without glare
- All-rounder from recessed assembly method to suspension from a gabled roof
- *netlife* light control included
- Long service life and guarantee



T8 LED

Sports hall:
1215 m²
500 lux
3750 h/a

Old system: THLA

New system: *ballea*/2 DALI

Energy savings per hall*

70%

*with *netlife*-Lichtmanagement

Reduction of CO₂ emissions



13,52 t/year
per hall

Eligible for funding



Refurbishing with know-how

Planning, testing and coordinating is always that little bit easier with an experienced project partner by your side. Upgrade your facility to perfection with Regiolux. The fast way to a new light solution: our services for your lighting update.



Advice – it's what makes us better

There's no autopilot available for refurbishments and optimisations. Depending on the system layout, an individual approach is important for successful implementation. How do we manage to do this? One indispensable element is problem-solving expertise to ensure that no budget is wasted.

This leads to customised solutions. Irrespective of whether this concerns conversions, revisions, modernisations, special solutions or an exchange set, whichever path you choose, we can always solve any kind of concept. Let's start together.

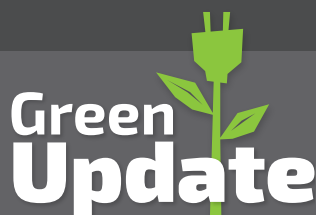
Brochures about our refurbishment topics:



Image index

- 1 ProStockStudio, shutterstock.com
- 2 Tomasz Trybus, pond5.com
- 6 Gerhard Hagen, Bamberg DE
- 7 Markus Hartwig, Rostock DE

PDF



www.regiolux.de/en/refurbishment-education

REGIOLUX

Regiolux GmbH
Hellinger Straße 3
D 97486 Königsberg
T +49 9525 89 0
info@regiolux.de
www.regiolux.de

Regiolux @ Social Media

