

# LUXKIT

Simple to handle, flexible to use.

## Child's play.

**More options, less work.**

luxKIT, the new linear modular LED system.

 smarterion



Find out more

# Installation at the speed of light. Faster and easier.

Installing luxKIT, the new linear modular LED system, is child's play; the product can be ordered online at any time, it is efficient and repairable.

## Benefits at a glance

01

Flexible modular LED system for linear light made to measure

02

Installation at the speed of light with click system

03

Simple to handle and easy to install

04

Continuous light without shadows

05

No soldering, tool-free installation, feed-in is possible anywhere

06

Ready2Repair: components can be replaced at any time, making the product sustainable

07

Patented worldwide innovation

08

New app for ease of planning and ordering

# luxKIT – a win-win product!



### For professional users

- Flexible options for feed-in and connection
- Extremely easy installation and huge time saving
- Planning and ordering by app
- Warehouse stock, fast delivery



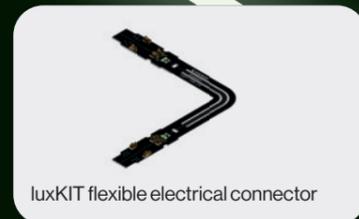
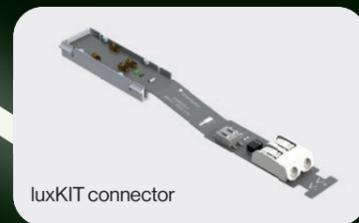
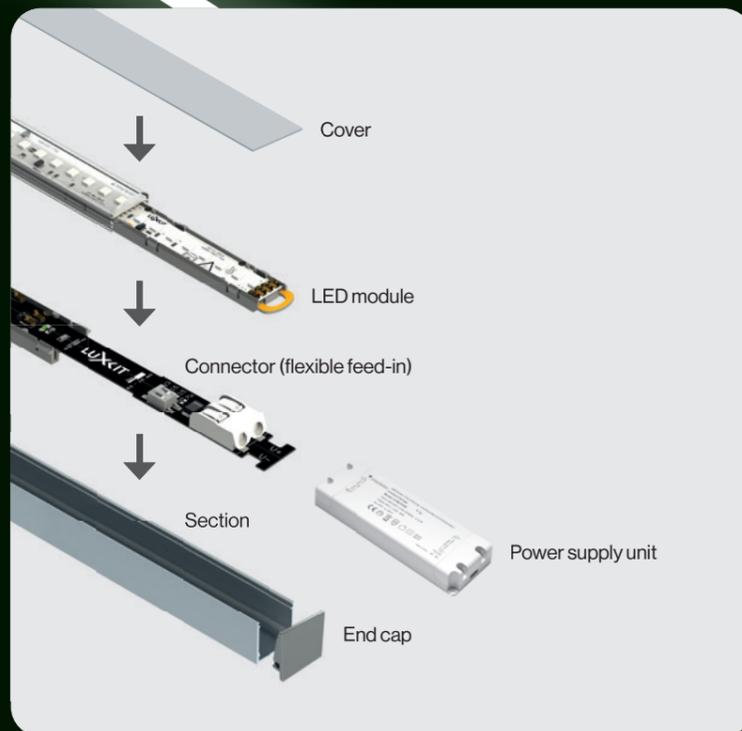
### For distributors

- Can be configured and ordered online (reducing costs for distributors)
- Reduced stock owing to standardised modular system
- Integration into your webshop
- Components suitable for pallets, length of section ~ 2.4 m



### For architects and planners

- Flexible modular system for easy planning
- App with planning tool for visualisation and implementation
- Digital data available for CAD, Relux and Dialux



# The new simplicity.

luxKIT with digital ordering by app.

### Key functions

- Simply sketch the rooms and take measurements with a Bluetooth-capable laser or import measurements to the app
- Select light lines
- Plot selected light lines in rooms
- Shopping cart with automatically created parts list of all required articles (electrical feeder, LED sections, LED module, electrical connectors, end caps, and cover)
- Shopping cart can be transferred directly to the wholesaler for ordering
- Versions in German and English, for Android and iOS

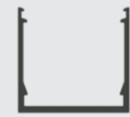


**INNOVATION:**  
digital luxKIT  
planning and  
ordering app



# Summary of components

## luxKIT section

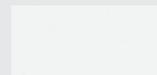


1920 section

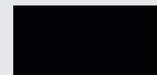
### 1920 section



Anodised aluminium



Matt white RAL 9016



Matt black RAL 9005



1920G drywall section

### 1920G drywall section



Bright aluminium

Sections with smooth, premium surface structure, no annoying grooves. Drywall section only available in bright aluminium. Length 2.4 m

## luxKIT LED module



Feed-in may be effected from anywhere; freely movable

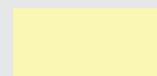
### Light colours



827



830



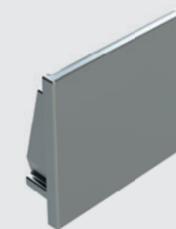
840

Exchangeable LED modules that can be made to measure, with protective cover and electrical linear LED connector

### Features

- Continuous light without shadows
- Length: 1140–1199 mm (LED module continuously adjustable)
- High system efficiency: 840 = > 120 lm/W
- Adjustable to 3 light output levels: 7W/m 1085 lm/m, 15W/m 2325 lm/m, 23W/m 3565 lm/m
- 48V DC constant voltage allows for long cables
- Easy click-in installation on LED section
- 48V external control gear, secondary cable length up to 15 m
- Easily cut to the desired length, cutting grid 60 mm

## luxKIT end cap

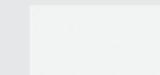


End cap 1920

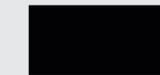
### Dimensions and types



Matt silver RAL 9007



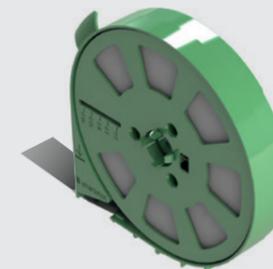
Matt white RAL 9016



Matt black RAL 9005

End caps without screws in the colour of the section.  
1920 section: W20×H19 mm  
1920G drywall section: W20×H19 mm

## luxKIT opal cover



Homogeneous opal cover made of polycarbonate, incl. unrolling tool with integrated installation aid

### Features

- 20 m on one reel
- Innovation: reel simultaneously serves to easily install the reeled up cover
- High transmission 70%
- Can be easily cut to the desired length

## luxKIT connector for feed-in



### Features

- Wago connection terminal 0.5–1.5 mm<sup>2</sup>, max. 4.2A/50V
- Output of LED module adjustable by means of a DIP switch (7 W/m, 15 W/m, 23 W/m)
- Green status LED for 48V voltage monitor
- Flexible position

## luxKIT flexible electrical connector



luxKIT flexible electrical connector for connecting 2 luxKIT sections at will (any angle ≥ 0–360° is possible), max. 4.2A/50V, green LED for 48V voltage monitor

## Control gear 48V DC

### SWITCH-DIM and DALI control gear

#### Dimensions

60W L 195×W 43×H 30 mm  
 100W L 225×W 43×H 30 mm  
 200W L 325×W 43×H 30 mm

DALI control gear: dimmable with DALI dimmers in a dimming range of 100–1%. These devices can also be dimmed with SWITCH-DIM 230V using standard buttons. For professional lighting control, we recommend using DALI-Bus, Casambi or DALI-Broadcast with a DALI synchro.

60W DALI/SD Art. no. 28003841  
 100W DALI/SD Art. no. 28003842  
 200W DALI/SD Art. no. 28003843

### TRIAC control gear

#### Dimensions

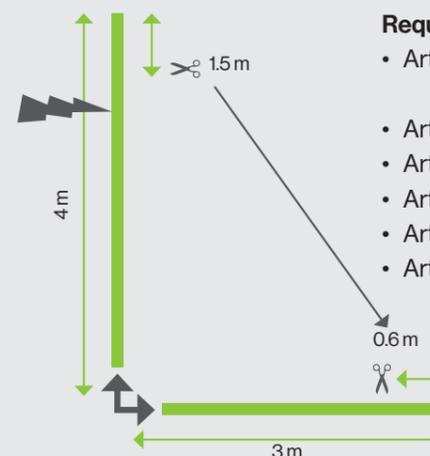
60W L 212×W 56×H 21 mm  
 90W L 212×W 56×H 21 mm  
 200W L 343×W 68×H 41 mm

TRIAC control gear is dimmable with most commercially available LED reverse phase dimmers within a range of 100–30%, and even down to 1% depending on the dimmer. Due to pulse width modulation and depending on the dimmer type, a slight flicker may occasionally occur. For professional lighting control, we recommend using DALI control gear.

60W TRIAC Art. no. 1007406  
 90W TRIAC Art. no. 1007408  
 200W TRIAC Art. no. 1007704

## Application examples

### L light line with section 1920, anodised, 830 with 15W/m

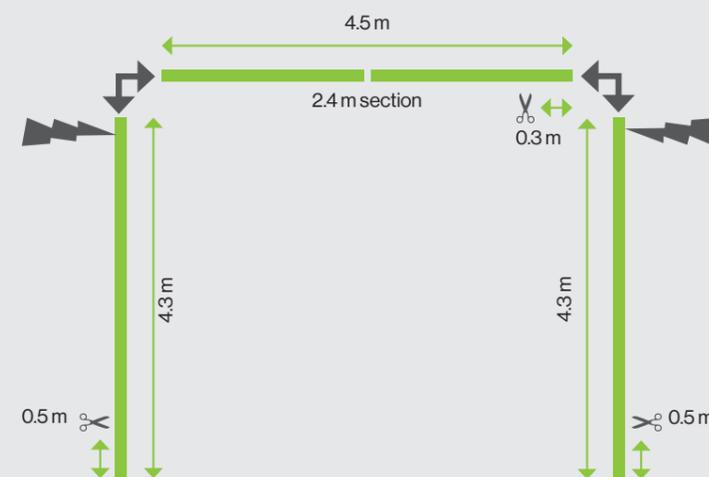


#### Required components:

- Art. 1007651 3× luxKIT 2.4 m LED section 1920, anodised aluminium
- Art. 1007653 6× luxKIT 1.2 m LED module 830
- Art. 1007669 1× luxKIT connector
- Art. 1007694 1× luxKIT flexible electrical connector
- Art. 28003842 1× luxKIT converter DALI 100W
- Art. 1007745 1× set of 2 luxKIT end caps, silver

Feed-in location 48V DC can be chosen freely

### U light line with section 1920G drywall, 840 with 23W/m



Feed-in location 48V DC can be chosen freely

#### Required components:

- Art. 1007759 6× luxKIT 2.4 m LED section 1920G drywall, bright aluminium
- Art. 1007654 12× luxKIT 1.2 m LED module 840
- Art. 1007669 2× luxKIT connector
- Art. 1007694 2× luxKIT flexible electrical connector
- Art. 28003843 2× luxKIT converter DALI 200W
- Art. 1007745 1× set of 2 luxKIT end caps, silver

# LUXKIT

Simple to handle, flexible to use.

## luxKIT – more options, less work.

- Installation at the speed of light
- Simple and easy to install
- Total flexibility
- No soldering, can be installed almost without tools
- Digital ordering and configuration



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 SCHWEIZER LED KOMPETENZ