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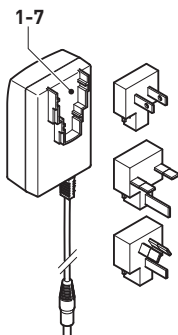
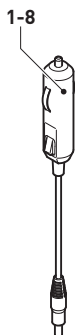
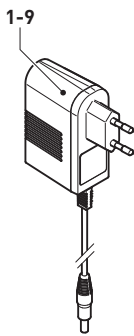
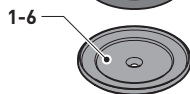
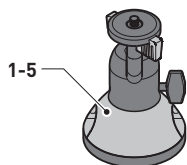
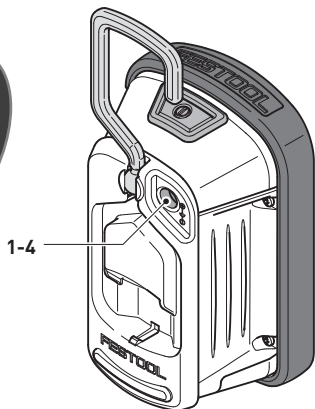
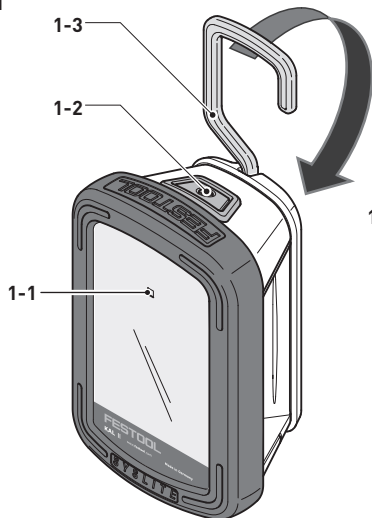
## SYSLITE KAL II



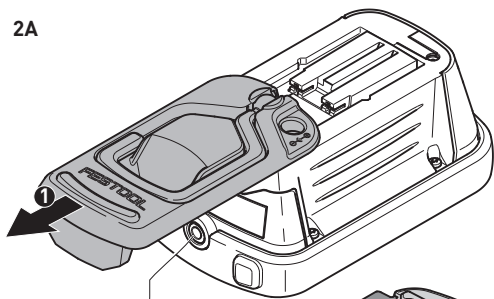
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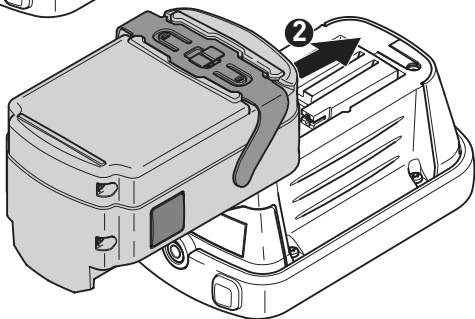
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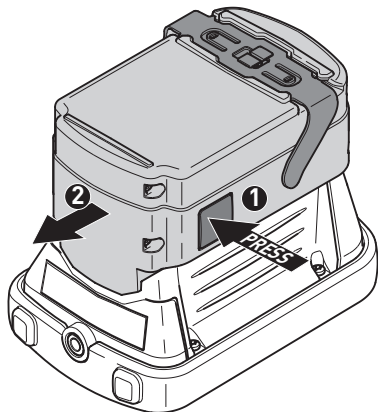
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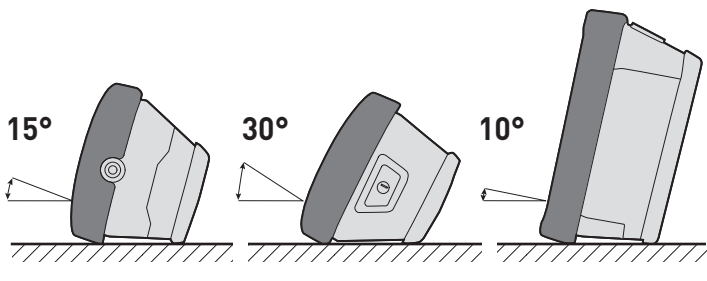
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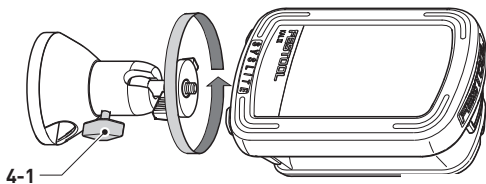
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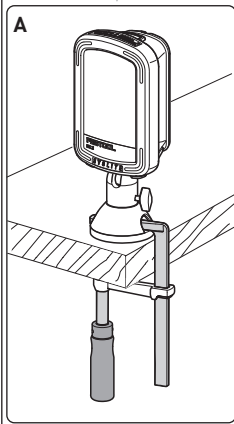
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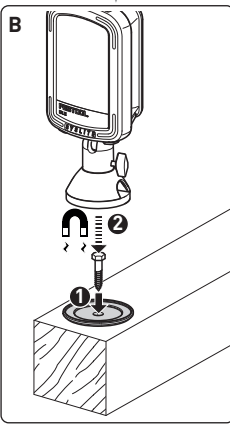
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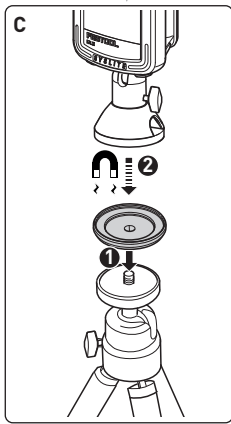
A



B



C



## 1 Symbols



Warning of general danger



Warning of electric shock



Read the operating manual and safety warnings.



**CAUTION!** Do not look directly into the light beam!



Warning against magnetic field!



Prohibited for people with pacemaker



Risk of pinching fingers and hands!



For indoor use only



Do not dispose of it with domestic waste.



Inserting the battery pack



Removing the battery pack



Handling instruction



Tip or advice

**UK  
CA**

UKCA marking: The United Kingdom Conformity Assessed symbol is a marking for products being placed on the market in the United Kingdom. It is a manufacturer's indication that the product is in conformance with the relevant regulations in the UK.

## 2 Safety warnings

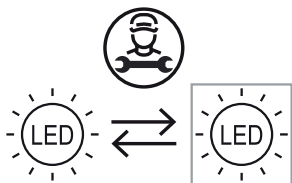


**WARNING! Read and observe all information and safety instructions.** Failure to observe

the information and safety instructions may lead to electric shocks, fires and/or serious injuries.

**Keep all safety information and instructions for future reference.**

- **Handle the device with care.** The device may generate heat which increases the risk of fire and explosions.
- **Never use the device in potentially explosive environments.**
- **Do not cover the device when switched on.** The device heats up during operation and can cause burns.
-  **Warning of harmful light radiation. Do not look into the light beam for long periods. Do not direct the light beam towards other people or animals.** Optical radiation can damage the eyes.
- **Have your device repaired by qualified specialist staff and always use original spare parts.**



- The light source fitted in this device must only be replaced by the manufacturer or a customer service workshop in order to ensure that your device operates reliably.
- **Always use original Festool parts for repair and maintenance.** The use of incompatible accessories or spare parts can result in electric shocks or other injuries.
- **Do not use the device for illuminating the road.** The device is not approved for illuminating the road.
- **Always use compatible Festool battery packs in the working light.** Using other battery packs poses a fire hazard and may cause personal injury.
- **When charging the working light, do not use charging adapters from other manufacturers.** Otherwise, there is a danger of fire and explosion.
- This device can be used by persons with reduced physical, sensory or mental abilities or those who lack

experience or knowledge, if they are supervised or have been instructed on safe use of the device and understand the resulting dangers. **Children** should always be supervised to ensure that they do not play with the device.

- **Ensure stable footing or secure mounting when securing to a tripod or with a magnetic foot.** In the event of unstable footing or insecure mounting, the working light may fall and cause personal injuries or material damage.
  - **Protect the battery pack from excessive heat or constant heat sources such as sunlight or naked flames.** There is a risk of explosion.
  - **Never use water to extinguish burning Li-ion battery packs!** Use sand or a fire blanket.
- Follow the operating manual for the charger and the battery pack.**

### 3 Intended use


The compact working light was specifically designed for illuminating dry areas in interior spaces.

The device is **not** suitable for illuminating rooms in residential buildings.



The user is liable for improper or non-intended use.

## 4 Technical data

Compact working light	KAL II
Rated voltage / capacity of integral battery (Lilon)	7.2 V = / 2.9 Ah
Rated voltage with external Festool battery pack	10.8 - 19 V =
Charging socket voltage range	 7.2 - 19 V =

<b>Compact working light</b>		<b>KAL II</b>
Lighting device	12x 1.5W Power LED	
Light duration (internal battery)	Min. light: Stage 1 (30%)	4 h 50 min.
	Max. light: Stage 2 (100%)	2 h.
Luminous flux, brightness	Min. light: Stage 1 (30%)	310 Lumen
	Max. light: Stage 2 (100%)	769 Lumen
Charge time of internal battery 90% / 100%	2 h 40 min / 3 h 20 min.	
Permitted operating temperature range	-5 °C to +55 °C	
Permitted battery temperature for charging	0 °C to +45 °C	
Weight (without external battery pack)	0.7 kg	
Protection category	IP 2X	

This tool has a light source of energy efficiency class **E**.

<b>Mains power pack</b>	<b>BQ30A-1901200</b>
Input voltage	100–240 V
Input alternating current frequency	50–60 Hz
Output voltage	19 V DC
Output current	1.2 A
Output	22.8 W
Average efficiency in operation	87%
Efficiency at low load (10%)	84%
No-load power consumption	≤ 0.078 W

## **5 Machine features**

- [1-1]** Charging state indicator LED
- [1-2]** On/off switch with 3 settings
- [1-3]** Folding attachment handle
- [1-4]** Connecting socket for charging adapter
- [1-5]** Magnetic foot with spherical head\*

- [1-6]** Adapter plate\*
- [1-7]** Specific charging adapter for country\*
- [1-8]** Vehicle charging adapter
- [1-9]** Mains charging adapter\*
- [2-1]** Threaded socket for tripod UNC 1/4"-20

\* not on all versions included in the scope of delivery

Accessories shown or described are not always included in the scope of delivery. The illustrations specified are located at the beginning and end of the operating instructions.

## 6 Operation

**i** **Prior to initial operation:** charge battery pack for approx. 4 h!

### 6.1 Charging the integral battery pack

- Insert the mains or vehicle charging adapter into the connecting socket **[1-4]**.

When the light is switched off, the charging state indicator LED **[1-1]** displays the operating state of the internal battery for the duration of the charging process:

#### **LED green - flashing quickly**

Charging internal battery at maximum rate.

#### **LED green - flashing slowly**

80% of internal battery capacity exceeded.

#### **LED green - continuous light**

Internal battery is charged to 90% and then charged fully at reduced power.

#### **LED red - flashing**

General fault indication, e.g. incomplete contact, short circuit, battery faulty.

#### **LED red - continuous light**

Battery temperature is outside the permitted range.

#### **LED orange**

Power failure mode, see **chapter 6.5**.

### 6.2 On/Off switch [1-2]

The ON/OFF switch **[1-2]** has three settings:

- Press once -> Switch on in lighting mode in energy-saving stage (Stage 1: 30%)
- Press twice -> Switch to max. luminosity (Stage 2: 100%)
- Press three times -> switch off

### 6.3 Voltage monitoring

If the minimum operating voltage is not met during lighting mode with either internal or external battery pack, the device shifts to emergency mode. It reduces luminosity and switches off after 2 minutes.

### 6.4 Temperature monitoring

If the device temperature does not remain within the specified limits, the working light switches to emergency mode. It reduces luminosity and then switches off after 2 minutes.

### 6.5 Power failure mode

The working light has a power failure mode. It automatically lights up the work area in the event of a sudden power failure.

- Hold down the ON/OFF switch **[1-2]** and insert the mains charging adapter or car charging adapter in the connector socket **[1-4]**.

*The working light turns off and the charging indicator switches to flashing orange (charging) or continuous orange (fully charged), depending on the operating state.*

*In the event of an interruption to the external voltage supply, the working light automatically switches on.*



**Switching off the mode:**

- ▶ Press the ON/OFF switch [1-2] again.

*Charging indicator switches to standard mode, see **chapter 6.1**.*

**6.6 Operating with external Festool battery pack [2A] + [2B]**

The working light can operate with any Festool battery pack from the BPC or BPS series. When connected to the external Festool battery pack, the working light only consumes power from this battery pack.

- i** Only compatible Festool chargers can charge the Festool battery pack.

**6.7 Setup options****Attachment handle [1-3]**

The folding attachment handle allows you to hang the device from scaffolding or similar structures.

- i** If you decide to power the device with an external Festool battery pack, the attachment handle must be detached beforehand [2A].

**Setup angle**

The working light can be set up in three different angles [3].

**Tripod**

A standard UNC 1/4"-20 photo tripod socket can be screwed onto the tripod socket bushing [2-1].

**Magnetic foot with spherical head (part accessories) [4]**

**Strong magnetic fields** may damage or destroy electronic or mechanical

elements and devices. The same also applies to **cardiac pacemakers**. The required safety distances can be found in the manuals of these devices.



Risk of pinching fingers and hands at the magnet!

- i** Check the area at the magnetic foot before use and clean if necessary.

Only use the magnetic foot for securing the Festool working light using one of the options described below:

Screw on magnetic foot at the tripod socket [2-1]. This can be rotated in all directions by loosening the clamping screw [4-1].

Secure the magnetic foot using one of three options:

- [4A]** Secure with a clamp
- [4B]** Magnetic mounting at the screwed-on adapter plate
- [4C]** Magnetic mounting with the adapter plate screwed to its stand

**7 Service and maintenance**

**Customer service and repairs** must only be carried out by the manufacturer or service workshops. Find the nearest address at:

[www.festool.co.uk/service](http://www.festool.co.uk/service)



Always use original Festool spare parts. Order no. at: [www.festool.co.uk/service](http://www.festool.co.uk/service)

- Always clean the plastic cover on the working light using a soft, dry

cloth to prevent any damage. Do not use solvents.

- Keep the contacts on the working light and battery pack clean.
- Always appoint an authorised service workshop to replace damaged integral batteries.

## 8 Environment



### Prior to disposal

**Remove the integral battery from the device!** Dismantle the housing components and remove the

battery. Dispose of the battery using our return service.

**Do not dispose of electric power tools in household waste!** recycle devices, accessories and packaging. Observe applicable country-specific regulations.

**EU only:** In accordance with European Directive on waste electrical and electronic equipment and implementation in national law, used electric power tools must be collected separately and handed in for environmentally friendly recycling.

**Return used or faulty battery packs** to your local specialist retailer, Festool after-sales service or nearest public waste disposal facility (observe applicable regulations). Battery packs will then be recycled.

**EU only:** In accordance with the European Directive on batteries and implementation in national law, defective or used battery packs/batteries must be collected separately and handed in for environmentally friendly recycling.

### Information on REACH:

[www.festool.com/reach](http://www.festool.com/reach)

## 9 Transportation

The Li-ion battery packs included are subject to the requirements of the legislation on hazardous goods. The user must familiarise themselves with the local regulations prior to transport. Special requirements apply to shipping via third parties (e.g. air transport or haulage) and these must be observed. When preparing the item to be sent, a dangerous goods expert must be consulted. Only return the battery pack if it is undamaged. Observe local regulations when shipping. Observe any further national regulations.

## 10 General information

### Imported into the UK by

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