

**FLEX**

**DWL 2500 12.0/18.0V**



Manufacturer : AEC Lighting Solutions Co., Ltd.

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## Meanings of signal words



### WARNING



WARNING indicates a potentially hazardous situations which, if ignored, could result in death or serious injury.



### CAUTION



CAUTION indicates a potentially hazardous situations which, if not avoided, may result in minor or moderate injury, or may cause machine damage.



### NOTE



NOTE emphasizes essential information.

## Important safety informations

Read and understand all of the safety precautions, warnings and operating instructions in the Instruction manual before operating or maintaining this power tool.

Most accidents that result from power tool operation and maintenance are caused by the failure to observe basic safety rules or precautions.

An accident can often be avoided by recognizing a potentially hazardous situation before it occurs, and by observing appropriate safety procedures.

Basic safety precautions are outlined in the "SAFETY" section of this Instruction manual and in the sections which contain the operation and maintenance instructions.

Hazards that must be avoided to prevent bodily injury or machine damage are identified by WARNINGS on the power tool and in this Instruction manual.

NEVER use this power tool in a manner that has not been specifically recommended by FLEX.

## Intended use

The LED rechargeable work lamp DWL 2500 12.0/18.0V is designed for

- for commercial use in industry and trade,
- checking large surfaces during polishing, painting and cleaning as well as color matching
- for targeted illumination of the workplace,
- for illuminating rooms.

The LED rechargeable work lamp DWL 2500 12.0/18.0V is not suitable

- for use as a headlight.

## GENERAL POWER TOOL SAFETY WARNINGS

### **WARNING:**

**Read all safety warnings, instructions, illustrations and specifications provided with this power tool.**

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

### **SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.**

#### **1. Work area safety**

**(a) Know your light.** Read the manual carefully. Learn the applications and limitations, as well as the specific potential hazards related to this tool.

Following these rules will reduce the risk of electric shock, fire or serious injury.

**(b) Do not permit children to use the light;** it is not a toy.

#### **2. Electrical safety**

**(a) Do not expose power tools to rain or wet conditions.**

Water entering a power tool will increase the risk of electric shock.

#### **3. Personal safety**

**(a) Do not stare into the light.** Avoid direct eye exposure.

The light can cause flash blindness.

#### **4. Power tool use and care**

**(a) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.**

Power tools are dangerous in the hands of untrained users.

#### **5. Battery tool use and care**

**(a) Disconnect the battery pack from the power tool before making any adjustments, changing accessories or storing power tools.**

Such preventive safety measures reduce the risk of starting the power tool accidentally.

**(b) Recharge only with the charger specified by the manufacturer.**

A charger that is suitable for one type of battery pack may present a fire risk when used with another battery pack.

**(c) Use power tools only with specifically designated battery packs.**

Use of any other battery packs may present a fire risk and cause injury.

**(d) When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.

**(e) Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.

Liquid ejected from the battery may cause irritation or burns.

**(f) Do not use a battery pack or tool that is damaged or modified.**

Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or injury.

**(g) Do not expose a battery pack or tool to fire or excessive temperature.**

Exposure to fire or temperature above 265°F may cause explosion.

**(h) Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.**

Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

## 6. Service

**(a) Have your power tool serviced by a qualified repair person using only identical replacement parts.**

This will ensure that the safety of the power tool is maintained.

**(b) Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.**



### CAUTION

**Do not touch hot parts.**



### WARNING

When using electrical appliances, basic precautions should always be followed, including the following:

- Read all the instructions before using the appliance.
- To reduce the risk of injury, close supervision is necessary when an appliance is used near children.
- Use only the battery and charger recommended or sold by the manufacturer to recharge.
- To reduce the risk of electric shock, do not submerge the light and battery pack in water or other liquid. Do not place or store the appliance where it can fall or be pulled into a tub or sink.

## SPECIFIC SAFETY RULES AND SYMBOLS

### 1. Safety warnings for rechargeable LED work lamps

(a) This power tool is intended to function as a rechargeable LED work light. Read all safety warnings, instructions, illustrations and specifications provided with this power tool.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

### 2. Additional warnings

- (a) The mains voltage and the voltage specifications on the rating plate must correspond.
- (b) Only FLEX AUTHORIZED SERVICE CENTER should disassemble or assemble this power tool, and only genuine FLEX replacement parts should be installed.
- (c) Clean the exterior of the power tool only with a soft cloth moistened with soapy water, and dry thoroughly.
- (d) Never use solvents, gasoline or thinners on plastic components; otherwise the plastic may dissolve.
- (e) The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

### 3. Definitions for symbols used on this tool



Before switching on the power tool, read the operating manual!



Disposal information (see page 11)!



Do not look into the light source!



Rugged lamps IK07

IP20

Dust-proof degree 2 and protection against ingress of water 0 (with battery)

IP67

Dust-proof degree 6 and protection against ingress of water 7 (without battery)



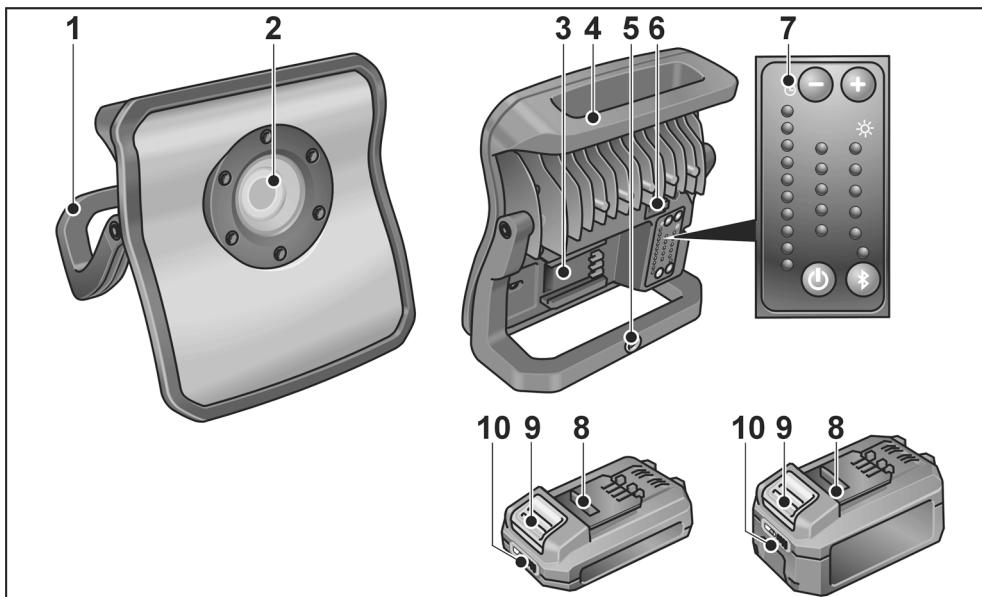
WARNING-Risk of fireMinimum distance from lighted objects 0.1 m

## SAVE THESE INSTRUCTIONS

## Technical specifications

<b>DWL 2500 12.0/18.0V</b>		
Machine type	LED rechargeable work lamp	
Lithium-ion battery	V/Ah	12.0/2.5 18.0/2.5 12.0/4.0 18.0/5.0 12.0/6.0
Lighting duration	h	~ 3.0 -30 Backup: 2h at 10%/300 lm
Color temperature	K	2500/3500/4500/5500/6500
Total flux	lm	3000/100% 2250/75% 1500/50% 750/25% 300/10%
Weight according to "EPTA Procedure 01/2003" (without battery)	lbs	4.4
Size (LxWxH)	in	9.4x9.0x4.1

## Overview



1 Support frame  
2 LED unit  
3 Slot for battery  
4 Handle  
5 Mounting option for a tripod

6 USB port  
7 Control element  
8 Li-Ion battery (2.5 Ah or 5.0 Ah)  
9 Release button for battery  
10 State of charge indicator

## Operating instructions



### WARNING



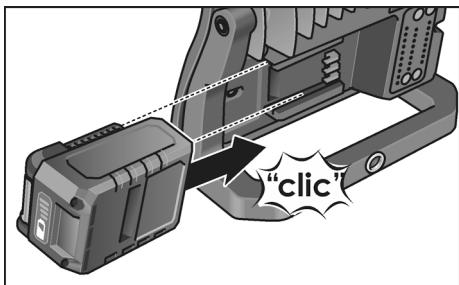
**Risk of electric shock!** Before carrying out any work on the power tool, always remove the battery.

## Before switching on the power tool

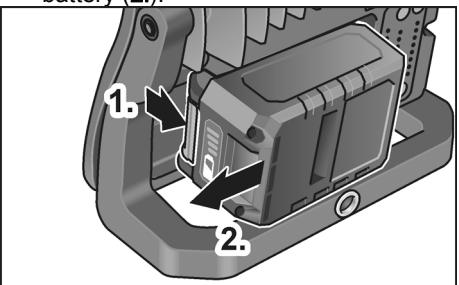
Unpack power tool and accessories and check that no parts are missing or damaged.

## Inserting/replacing the battery

1. Press charged battery fully into the power tool.



2. To remove the battery, press the release buttons (1.) and pull out the battery (2.).

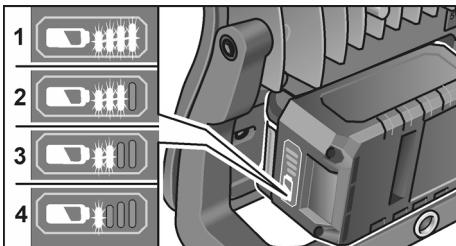


### CAUTION



When the device is not in use, protect the battery contacts. Loose metal parts may short-circuit the contacts; explosion and fire hazard!

## Battery state of charge

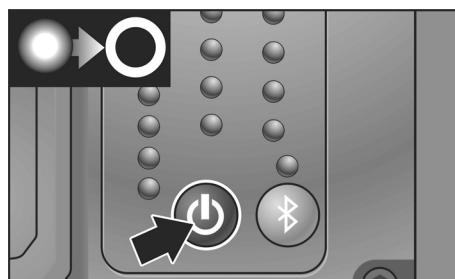
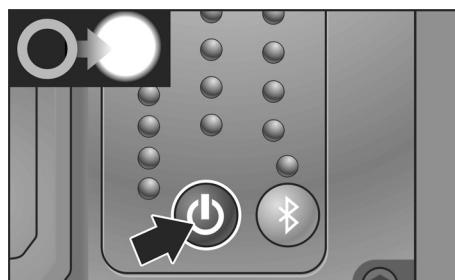


1. Press the button to check the state of charge at the state of charge indicator LEDs.

The indicator goes out after 5 seconds. If one of the LEDs flashes, the battery must be recharged. If none of the LEDs light up after the button is pressed, the battery is faulty and must be replaced.

## Switching on and off

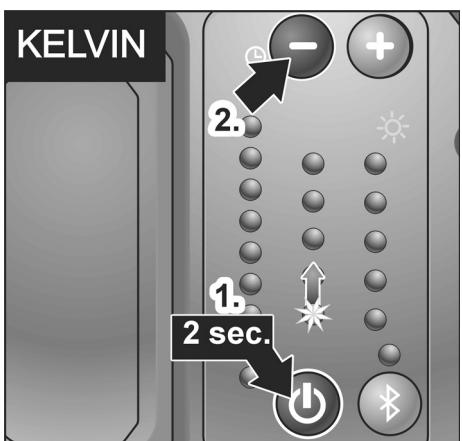
1. Switch the LED rechargeable work lamp on and off by pressing the on/off switch.



## Adjusting light intensity

The light intensity of the LED rechargeable work lamp can be adjusted by pressing "+" or "-".

The LED display on the left indicates the remaining lighting duration.



## Adjusting color temperature

You can change the color temperature of the LED rechargeable work lamp incrementally in 5 stages by pressing the on/off switch for longer than 2 seconds and then pressing the "+" and "-" button.

## Bluetooth® control

The LED rechargeable work lamp can be controlled via the integrated Bluetooth® light control system. Activate by pressing the "Bluetooth® button" and connect to the app.



### Functions

- Switch lamp on/off
- Adjust light intensity
- Select color temperature
- Connect up to 4 lamps together
- Select pin code so that no one else can control the lamp

### The process to delete the pin code is:

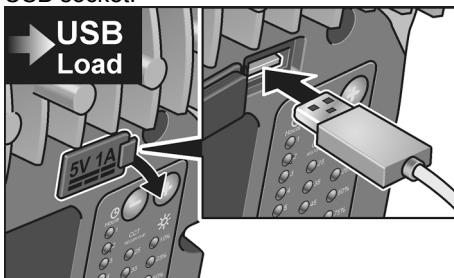
1. Turn on the Bluetooth function.
2. Press the Bluetooth button for 10 second.
3. The pin code is reset.

Compatible with iPhone 5 or higher/Android 5.0 or higher.

Visit the iTunes App Store/Google Play/or download the app from our website.

## Powerbank function

The LED rechargeable work lamp has an integrated powerbank. The lamp lasts for up to 2 hours with a luminous flux of 300 lumen - without rechargeable battery. With rechargeable battery- It allows mobile units, e.g. smartphones, to be charged via the USB socket.



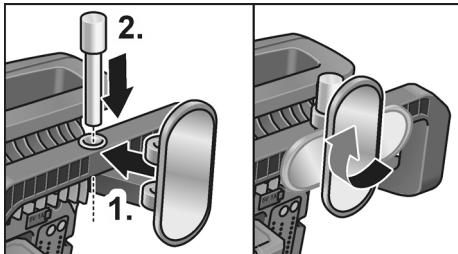
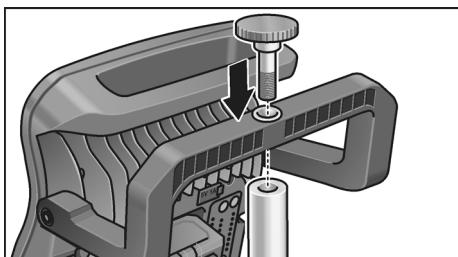
Charge voltage/current: 5V/1A

## Assembly

You can set up the LED rechargeable work lamp in any position with the aid of a support stand.



You can mount the LED rechargeable work lamp on a tripod or attach it to any magnetic surface with the aid of a magnet holder.



## Maintenance and care



### WARNING



**Risk of electric shock!** Before carrying out any work on the power tool, always remove the battery.

## Cleaning

### Electric power tool



### WARNING



Do not use water or liquid detergents.

1. Remove dirt and dust from the housing with a paint brush or dry cloth.

## Repairs

Repairs may be carried out by an authorised customer service centre only.

## Spare parts and accessories



### NOTE



Only the tools released by FLEX may be used.

Other accessories, in particular insertion tools, can be found in the manufacturer's catalogues.

Exploded drawings and spare-part lists can be found on our homepage:  
[www.flex-tools.com](http://www.flex-tools.com)

## Disposal information



### WARNING



Render redundant power tools unusable:

- by removing the power cord on mains operated power tools,
- by removing the battery on battery operated power tools.



EU countries only:

Do not dispose of electric power tools in the household waste!

In accordance with the European Directive 2012/19/EU on Waste Electrical and Electronic Equipment and its incorporation into national law, used power tools must be collected separately and recycled in an environmentally friendly manner.



**Raw material recovery instead of waste disposal.**

Device, accessories and packaging should be recycled in an environmentally friendly manner. Plastic parts are identified for recycling according to material type.



### WARNING



Do not throw batteries into the household waste, fire or water. Do not open used batteries.

Accumulators/batteries should be collected, recycled or disposed of in an environmentally friendly manner.



EU countries only:  
In accordance with Directive 2006/66/EC defective or used batteries must be recycled



### NOTE



Please ask your dealer about disposal options!

## Warranty

### FLEX North America limited one year warranty

FLEX North America warrants its Professional Power Tools for a period of one year from the date of original purchase. We will repair or replace at our option, any part or parts of the product and accessories covered under this warranty, which, after examination, prove(s) to be defective in workmanship or material during the warranty period. For repair or replacement, return the complete tool or accessory, transportation prepaid, to your nearest Authorized Service Station.

Proof of purchase may be required. This warranty does not apply to repair or replacement due to misuse, abuse, normal wear and tear or repairs attempted or made by someone other than our Authorized Service Stations.

ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, WILL LAST ONLY FOR ONE (1) YEAR FROM THE DATE OF PURCHASE.

To obtain information on warranty performance, please write to:

FLEX - North America, Inc.  
2720 E. Phillips Road  
Greer, SC 29650, U.S.A.  
1-877-331-6103 (main line)  
1-888-331-6104 (fax line)  
[www.FlexNorthAmerica.com](http://www.FlexNorthAmerica.com)

THE FOREGOING OBLIGATION IS FLEX NORTH AMERICA'S SOLE LIABILITY UNDER THIS OR ANY IMPLIED WARRANTY AND UNDER NO CIRCUMSTANCES SHALL FLEX NORTH AMERICA BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow limitations or how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other legal rights, which vary from state to state.

### FCC WARNING

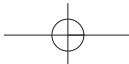
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:  
1) this device may not cause harmful interference, and  
2) this device must accept any interference received, including interference that may cause undesired operation.

**Caution:** changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

### Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.



# FLEX

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