

# SILVA PRO

## FULL VERSION MANUAL HELMLIGHT 300



HelmLight 300  
Art.no 38444

### PRODUCT OVERVIEW

The packaging contains the following parts:

- Lamp unit
- Helmet mount + 3 x adhesive
- USB-C charging cable
- Quick guide

### BEFORE USE

#### CHARGE THE INTEGRATED BATTERY

1. Open the lid located at the side of the lamp unit to expose the charging port.
2. Connect the USB-C charging cable to the charging port. The charging port is water resistant, but make sure there is no debris inside the port when inserting the charging cable.
3. Connect the other end of the charging cable to a USB-port (either from a computer, car or a USB charger/adaptor connected to a wall outlet).
4. On the side of the lamp, there are 3 LEDs showing battery status during charging:
  - Green light constant (all 3 LEDs) = battery is fully charged
  - Green light blinking = battery is charging

Approximated charge time (depending on input source): 2,5 h

**Note!** When the battery is fully charged the charger automatically switches to maintenance mode.

**Note!** Never leave a lamp unattended during charging.

**Note!** Make sure to close the lid when the charging is finished to assure water protection.

#### MOUNT ON A HELMET

HelmLight has an extremely low profile and is designed to fit helmets with visors. The mounting can be adapted to fit most helmet types.

#### MOUNT OPTIONS:

For visors with a height of 22 mm or more:

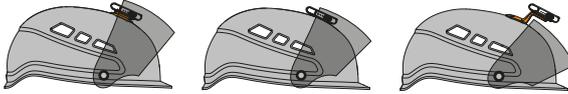
- use the included helmet mount with pre-mounted adhesive tape (2 mm thick).

For visors with a height of 12-22 mm:

- place the lamp directly onto the helmet by using the included double adhesive tape (available in 0.5 mm and 2 mm thickness).

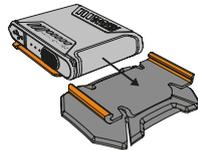
For visors with a height of less than 12 mm:

- we recommend the Z-mount that lets the visor pass under the lamp (sold separately).



#### USING THE HELMET MOUNT / Z-MOUNT:

1. Make sure the surface of the helmet is clean and dry.
2. Remove the protective film covering the pre-mounted adhesive tape on the bracket.
3. Firmly press the bracket in correct position onto the helmet. For optimal effect - you should leave the attachment in this state for at least 24 hours before attaching the lamp.
4. Slide the lamp into the bracket until you feel/hear a click.



#### PLACE THE LAMP DIRECTLY ONTO THE HELMET WITH ADHESIVE TAPE:

1. Make sure the surface of the helmet is clean and dry.
2. Remove the protective film from one side of the adhesive tape.
3. Firmly press the tape to the bottom side of the lamp unit.
4. Remove the protective film from the other side of the adhesive tape.
5. Firmly press the lamp unit in correct position onto the helmet. For optimal effect - you should leave the lamp in this state for at least 24 hours before using it.

**Note!** The included adhesive is a polyethylene foam tape developed to not damage or cause any type of weakness to the plastic in your helmet, but make sure that your helmet is suitable for this by checking its specifications with the manufacturer of the specific helmet.

#### BUTTON LOCK

On the side of the lamp unit there is a push button which controls the light modes. This button can be locked to prevent the lamp from being lit by accident.

To activate the button lock: make sure the lamp is turned OFF, press the button with an extra long press (3 sec). The red LED next to the [ 3s ] symbol on the side of the lamp will start flashing. When the red LED next to the [ 3s ] symbol stops flashing and lights constantly - the button is locked.

If you try to start lamp with button lock activated the LED next to the [ 3s ] symbol will flash red to indicate that the lamp is locked.

To deactivate the button lock: press the button with an extra long press (3 sec). The red LED next to the [ 3s ] symbol on the side of the lamp will start flashing. After 3 seconds, when the button lock is deactivated, the LED next to the [ ] symbol will turn steady green. Now you can start the lamp as normal.

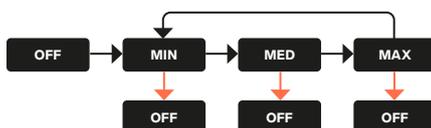
### DURING USE

#### SWITCH ON THE LAMP

HelmLight has 3 light modes to give you the optimal light in different conditions. The push button on the side of the lamp unit controls the light modes.

→ SHORT PRESS

→ LONG PRESS



### OPTIMAL LIGHT

The COB LED provides a wide and smooth working light with less distinct shadows - perfect for close and medium-range work.

### TEMPERATURE CONTROL

The temperature of the lamp body will increase during use and cooling is an essential part of how well the lamp performs. The temperature of the lamp is affected by the brightness level, ambient air temperature and airflow (wind).

The lamp unit is equipped with a temperature control sensor that prevents the lamp body from overheating by reducing the power to the LED.

### BATTERY STATUS INDICATION

When the lamp is switched ON or OFF - the LED indicators on the side of the lamp will show the current battery status for 5 seconds. To check battery status during use, the lamp needs to be switched OFF.

The LED indicators indicates the following:

- 3 green LEDs = Fully charged
- 2 green LEDs = 66% of the battery remains
- 1 green LED = 33% of the battery remains
- 1 red LED = 10% of the battery remains

### AFTER USE

#### MAINTENANCE

To make sure you get maximum performance from your lamp, clean it regularly with a damp cloth.

#### ABOUT LI-ION BATTERIES

The lamp has an internal Li-ion battery and should be stored in a dry environment within the temperature range of -40°C and +60°C.

If you would like to store your lamp for a longer period (more than 30 days) the battery should not be fully charged. Recommended charge level for storing is 30%.

You can always charge a half full battery without damaging its characteristics.

Do not expose the lamp to extreme temperatures which may cause fire or explosion.

To get the most out of your battery - do not expose it to low temperatures during use.

Do not disassemble or mistreat the battery; risk for chemical burn.

Keep away from children.

#### TECHNICAL SPECIFICATIONS

Lumen / Burn time / Light distance:	See matrix below
Weight (lamp unit):	33 g (1.16 oz)
Battery type:	Li-Po, 1000mAh, 3.7V
Charging time:	2.5 h
Water resistance:	IP65
Operative temperature range:	-30 - (+)50°C
Storage temperature range:	-40 - (+)60°C

LIGHT MODE	TRUE LUMEN ANSI*	OPTIMAL FOR	BEAM PATTERN	BURN TIME ANSI**	LIGHT DISTANCE ANSI
MAX	300 lm	medium range work	wide	3 h	30 m / 98 ft
MED	100 lm	close range work	wide	6 h	18 m / 59 ft
MIN	15 lm	ambience/reading	soft	20 h	7 m / 23 ft

Values are measured and specified according to the ANSI FL1 STANDARD  
\*Actual light output after 30 seconds.  
\*\*Burn time from power-on until lumen reaches <10%.

#### PROTECTING THE ENVIRONMENT.

Lamp unit, batteries and packaging are recyclable. Please dispose these items at designated recycling stations.

#### WARRANTY

Silva warrants that, for a period of two (2) years, your Silva Product will be substantially free of defects in materials and workmanship under normal use. Silva's liability under this warranty is limited to repairing or replacing the product. This limited warranty extends only to the original purchaser.

If the Product proves defective during the Warranty Period, please contact the original place of purchase. Make sure to have your proof of purchase on hand when returning the product. Returns cannot be processed without the original proof of purchase. This warranty does not apply if the Product has been altered, not been installed, operated, repaired, or maintained in accordance with instructions supplied by Silva, or has been subjected to abnormal physical or electrical stress, misuse, negligence or accident. Neither does the warranty cover normal wear and tear. Silva is not responsible for any consequences, direct or indirect, or damage resultant from use of this product. In no event, will Silva's liability exceed the amount paid by you for the product. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Warranty is valid and may be processed only in the country of purchase.

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