

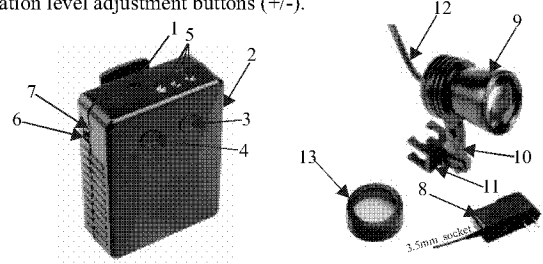
Schultz EverBright LED HeadLight

USER MANUAL

INSTRUCTIONS

Thank you for purchasing our Portable LED Headlight. Our headlight is an LED based light source meant for illumination purposes only. Do not use for diagnosis or measurement. The headlight features a clip for easy mounting to your loupes or your frame. The device should be used strictly under the instruction of the User's Manual.

Mount the headlight to the center of your loupes by using the clip at the base of the headlight's articulating arm. The plug for the headlight inserts into the battery socket for output (1) on the top of the battery pack. The headlight will light when you turn the switch for operation (2). If the headlight does not light, adjust the illumination level adjustment buttons (+/-).



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|--|-------------------------|
| 1. Output Socket (connecting 3W LED light) | 8. Charging Adaptor |
| 2. Operation and Chargement Switch | 9. LED Headlight |
| 3. Increasing Illumination Button | 10. Articulating Arm |
| 4. Decreasing Illumination Button | 11. Mounting Clip |
| 5. Illumination Levels Indicators | 12. LED Headlight Cable |
| 6. Charging Socket | 13. Flip Filter |
| 7. Charging Indicator | |

SAFETY PRECAUTIONS & FIRST USE for BATTERY

Instructions for first use:

Your battery has been pre-charged at the factory, please make sure it's **discharged completely before first charge**. During the **first three times of charging**, allow the battery to charge at least **12 to 16 hours**, even if the battery level indicator shows it is fully charged. The lithium polymer battery pack must be charged according to instructions for first use to fully initialize and maximize the charging capacity of the lithium polymer cells inside the battery pack.

CAUTION!!!

Make sure you observe the following important battery precautions. Failure to do so can cause batteries to leak, overheat, or explode.

- Use these batteries **must be** charged by a special phase matching charger.
- **Do not** expose batteries to heat or fire.
- **Never** over charge battery.
- **Never** try to disassemble, modify, or apply solder to batteries.
- **Never** short the terminals of the batteries or carry them together with metal objects that can cause shorting.
- **Do not** tear or remove the outer label of the batteries.
- **Never** use, charge, or store batteries in areas exposed to high temperature and high humidity, must be used indoors.

INSTRUCTIONS FOR USE

1. The device is equipped with built-in battery, enabling it to work without out power supply after fully charged.
2. The device is characterized by a 6-level illumination adjustment with 3 indicators, each of which indicates 2 different levels of illumination. Illumination goes up to maximum with 3 steps and goes down to minimum with 4 steps. (**Note:** switch steps can not be operated in circle)
3. Plug a 3W LED headlight to the output socket (1), and turn on the device (2), the LED headlight flashes with the illumination indicator showing the lowest level. Button for increasing illumination (3) can be pressed to increase illumination to maximum. On the contrary, illumination can be decreased to minimum by pressing button for decreasing illumination (4)
4. When the built-in battery is not strong enough to light up the indicator, the battery should be recharged. Turn the switch for operation and chargement (2) to charging position (O), plug the 3.5 mm cable into the socket for charging (6) and then connect the adaptor (8) to AC. 220V or 110V wall socket for charging. The light of indicator for charging (7) is red during recharging and it turns green to show the fulfillment of recharging. The lithium polymer battery pack can be charged a maximum of 500 times before replacement.

SPECIFICATIONS

Headlight Specifications	
Diameter:	1.0 inch (26mm)
Weight:	0.81 oz (23 grams)
Color Temperature:	6,000-7,000 K
Brightness (lux):	70000 Lux
Edge to Edge Clarity:	Yes
Beam color:	Pure White
Bulb Life:	50,000 hours
Brightness:	3 (max) 9,000
	2 6,000
	1 (min) 4,000

Battery Specifications	
Type:	Lithium-Polymer
Weight:	5.31 oz (150 grams)
Battery Life:	Approximately 1 to 2 years (usage dependent)
Size:	62mm(wide) x 82mm(all) x 26mm(deep)
Recharge Time:	up to 3-4 hours
Run Time:	Level Up to
	3 (max) 3-4 hours
	2 5-6 hours
	1 (min) 8 hours
Universal Power Supply	
U.S. 110V; Europe 230V; UK 230V; Australian 240V	

CLEANING

Note: Clean headlight with an alcohol wipe only and dust on the surface of the lens could be blown off by using a blowball. For the optional flip filter, clean with water only, use of alcohol or other chemicals can damage the filter.

WARNINGS

Avoid direct illumination into the patient's eyes when the headlight is in use. The beam of the light may also cure dental composite materials when no used in conjunction with the flip filter accessory.

- **Do not** attempt to insert the headlight's plug into the charger's socket on the battery pack. This action could damage the battery.
- If the cord connecting the unit to the charger is damaged, the charger must not be used.
- This charger contains dangerous voltages and the cover should not be removed.
- **Do not** use in the vicinity of flammable anesthesia gases.

WORKING CONDITIONS

Temperature for working: -25°C ~ +50°C

Temperature for storage: -40°C ~ +60°C

INPUT INDEX(CHARGING INPUT): DC6~8.4V, 660 mA

(output of the special charger)

DC OUTPUT: DC. 3~4V, 265~650 mA (adjustable current)

NOMINAL POWER: 3W