QUASAR SCIENCE

Q-Lion

Rechargeable Lithium Ion Battery LED

Q5LS Q10LS Q20LS

Instructions

Power

- Turn on: **Single Tap** Power Button
- Turn off: **Double Tap** Power Button
- Power button operation & indicator lights "sleep" after 10 seconds of inactivity—**tap Power once** to awake lamp & resume controls.

Intensity control

- Change Intensity:
  Wake up from device sleep. **Briefly tap once & wait** for intensity to dim to next lower level.
- Battery-only operation output levels:
  100% 75% 50% 25% 10% Off.
- The lamp can operate while charging. Charging Indicator lights scroll during operation. Intensity options reduce for Q20 & Q10 lamps. Q5 lamps retain all options:
- Charging while Illuminated output levels:
  Q20: 50%, 25%, 10%
  Q10: 75%, 50%, 25%, 10%
  Q5: 100%, 75%, 50%, 25%, 10%

Color temperature (CCT) control

- Change CCT: **Long Press** Power Button
- Available CCT options:
  3000K, 4300K, 5600K

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Travel Mode

- KILL button: **Press & hold** with a pen tip to disable lamp functions for travel. Plug in charger to reactivate lamp.

Reset Lamp

- RST button: **Press & hold** with a pen tip to reset lamp firmware to default 100% output @ 5600K CCT (in cases of software malfunction).

Charging

- To charge: **plug in included <u>QC3.0 charger</u>** with a microUSB cable.
  The power light blinks while detecting the charger. Then a blinking indicator light shows the current charge level.
- Battery level indicator lights:
  25%, 50%, 75%, 100%
  (Low battery = 25% indicator rapid flashes)
- **QC3.0 USB chargers rated 9V/2A or 12V/1.5A must be used to charge lamp; standard 5V USB chargers do not work.**
- If there is insufficient charging voltage from a standard power adapter, the Power button light flashes quickly, then turns off.
- When the lamp is illuminated and is being plugged in, the lamp will breifly flicker when changing over to DC Power.

Battery Health Tips

- Frequent full discharge of lamp battery to 0% and/or frequently leaving charge at 100% for extended time periods rapidly deteriorates battery life.
- **Frequent use of plugged-in operation rapidly deteriorates battery life.**
- For maximum battery health in long term inactive storage, charge or discharge battery to 50%.

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