

# Photon

## The first real LED - lamp

The Photon is the first real LED lamp, because it's the only LED lamp with just one LED but with the brilliancy of a strong halogen lamp.

The **strongest compact LED** in the world (Osram Ostar) provides for a properly bundled beam of light in connection with a special reflector (no lenses!) with an emission characteristics of approx. 10° with daylight colour temperature. With this LED we equal the brightness of a 50W halogen burner.

The Integrated lamp electronic controls and protects the LED against excessive temperature. After the scheduled burning time, an emergency light is still available for an extended period.



#### Technical data:

- Osram Ostar 1000 Lumen LED with a nearly unlimited durability
- 12,6V-1,6Ah LiMn accumulator
- burning time: approx. 60 min
- additional emergency light for 30 min
- discharge protection
- 2-stage dimming
- light colour temperature: approx. 6000 °K
- very natural colour reproduction
- length: 185mm
- handhold diameter: 45mm
- max. diameter: 53mm
- weight: 560g
- drift: 250g
- quick charger (110-230V) approx. 2 hours
- body: aluminium, black anodised
- pressure resistance: 200m diving depth
- starting protection (shiftable switching ring)
- 2 years warranty also for the accumulator

Real one-hand operation by means of the switching ring with a 2-stage dimming, handy and bright.

The PHOTON's lamp head is also usable for our LED-Cave. The LED-Cave is a heavy duty tank system with 12,6V - 9,6Ah LiMn accumulators allowing a burning time of more than 6 hours. We offer a quick fastener for the tank for installation to the diving equipment, as well as a handhold or Goodman handle for the LED head.

Here you may see that it's possible to offer a modular system also with a high-quality design. Perfect processing, intelligent construction and comfortable handling: PHOTON



### Photon, a fist full of light