

## **TECHNICAL BULLETIN 11**

**DATE:** 29 November 2023

**PRODUCTS:**

- Lumen Subsea Light for ROV/AUV (BR-100857)
- Lumen Subsea Light (Pre-Connected Sets) (BR-100717, BR-100737)

**SUBJECT:** Leaking Lumen Lenses

**SUMMARY:** We've determined that a recent batch of Lumen Lenses was manufactured incorrectly and causing leaks. Any Lumen Lights manufactured on or after September 18th, 2023, will leak if used in water. We will replace the defective lenses or issue refunds to resolve this issue.

**Update 12/15/2023:** The correct Lumen Lenses are now stocked in inventory and as of **12/13/2023** orders shipped will function properly even if the manufacturing date indicates they are from the affected period.

**IDENTIFICATION:**

- All Lumen Subsea Lights manufactured on 09/18/23 or after are affected.
- Please verify if the laser-marked serial number on the flange endcap consists of **230918** (year, month, date) or a subsequent date. **If the date is from 230918 or later, the lenses are defective and should be replaced.** If the date is **earlier** than 230918, the lumens are safe to use:



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**CUSTOMER ACTION:**

- **Do not submerge the Lumens in water at any point.**
- If the Lumen Lights are installed on an active vehicle, please remove and replace them with a blank penetrator or an unaffected set of lights.
- Contact Blue Robotics at [sos@bluerobotics.com](mailto:sos@bluerobotics.com) and let us know the number of replacement lenses needed. We expect to have new lenses around January 2nd.
  - If you need a blank penetrator to temporarily replace your lights, please let us know, and we will provide it.
- Alternatively, you can request to return the Lumens for a refund.
- To replace the lenses, please:
  - Unfasten the four aluminum screws to remove the defective lens:



- - Install the new lens and torque the screws to 0.47-0.53 N-m or hand-tighten them using a 2.5mm hex driver.

**BLUE ROBOTICS ACTION:** We are working as quickly as possible to obtain replacement lenses from our supplier. We will test the new lenses and ship them to you as soon as our testing is concluded.

Please do not hesitate to contact us at [sos@bluerobotics.com](mailto:sos@bluerobotics.com) if you have any questions.