

BURRA SEC

LI.FI (Patcher v1.0.1) Security Review

Reviewed by: Goran Vladika

8th December, 2025

LI.FI (Patcher v1.0.1) Security Review Report

Burra Security

December 08, 2025

Introduction

A time-boxed security review of the **LI.FI** protocol was done by **Burra Security** team, focusing on the security aspects of the smart contracts.

Disclaimer

A smart contract security review can never verify the complete absence of vulnerabilities. This is a time, resource, and expertise-bound effort where we try to find as many vulnerabilities as possible. We can not guarantee 100% security after the review or even if the review will find any vulnerabilities. Subsequent security reviews, bug bounty programs, and on-chain monitoring are recommended.

About Burra Security

Burra Sec offers security auditing and advisory services with a special focus on cross-chain and interoperability protocols and their integrations.

Security review team

Goran Vladika is a security researcher and smart contract engineer with five years of experience in the blockchain industry. After beginning his Web3 career in the DeFi space, Goran joined Offchain Labs as a blockchain engineer, where he contributed to the core smart contract components of Arbitrum. His work included the design, implementation, and security of Arbitrum's native bridge, token bridge

and rollup stack, critical infrastructure that secures billions of dollars in TVL. This bridging technology has since been adopted by dozens of applications and L2 and L3 chains built using the Arbitrum Orbit stack. Goran's experience building cross-chain systems at both the protocol and application layers has provided him with a strong foundation in blockchain security. As a security researcher, he has helped secure leading projects in the interoperability space including Centrifuge, LiFi, PancakeSwap, ZetaChain and DODO, as well as L1/L2 protocols such as Telcoin and Citrea.

Severity classification

Severity	Impact: High	Impact: Medium	Impact: Low
Likelihood: High	Critical	High	Medium
Likelihood: Medium	High	Medium	Low
Likelihood: Low	Medium	Low	Low

Impact - The technical, economic, and reputation damage from a successful attack

Likelihood - The chance that a particular vulnerability gets discovered and exploited

Severity - The overall criticality of the risk

Informational - Findings in this category are recommended changes for improving the structure, usability, and overall effectiveness of the system.

Security Assessment Summary

review commit hash - 195ec984f74a59f9d6c156387f652d438c39ab74

The following smart contracts were in the scope of the audit:

- src/Periphery/Patcher.sol
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Findings Summary

The small changes introduced that replace vanilla `ERC20::approve` function call with the `SafeTransferLib::safeApprove` function call work well and didn't introduce any new issues.