

## LSA-960930: Vulnerability reported by Zero Day Initiative

- Publication Date: 2023-11-14
- Last Update: 2023-11-14
- Current Version: 1.0
- CVSS v3.1 Base Score: 7.8

### Summary

Simon Janz (@esj4y), working with Trend Micro Zero Day Initiative (ZDI), discovered and disclosed one vulnerability pertaining to Luxion software products:

- ZDI-CAN-22139

More information at: <https://www.zerodayinitiative.com/advisories/published/>

Luxion has mitigated for the vulnerability in version 2023.3.

### Affected Products and Remediation

- KeyShot
  - Affected versions: All versions before 2023.3
  - Remediation: Upgrade to version 2023.3 or later
- KeyShot Viewer
  - Affected versions: All versions before 2023.3
  - Remediation: Upgrade to version 2023.3 or later

### Product Description

KeyShot is a photo-realistic real-time rendering program with a scene structure that can be setup and manipulated for rendering. It allows import of various CAD formats into its scene structure.

KeyShot Viewer is a read-only version of KeyShot in which scenes can only be viewed and rendered, but not manipulated or exported.

### Vulnerability Classification

Classification of the vulnerability has been done by using CVSS 3.1 (<https://www.first.org/cvss/>) with additional CWE classification (<https://cwe.mitre.org/>).

- Vulnerability ZDI-CAN-22139

Opening of malicious KeyShot project files (.ksp, .bip) could cause memory corruption and potentially remote code execution.

- CVE-2023-22139
- CVSS v3.1 base score: 7.8
- CVSS vector: CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
- CWE-20: Improper Input Validation

### Acknowledgments

Luxion thanks the following parties for their efforts:

- Zero Day Initiative for coordinated disclosure

## Additional Information

Further details about Luxion CSIRT and advisories can be found at: <https://www.keyshot.com/csirt/>

## History Data

v1.0 (2023-11-14): Publication date

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