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## Author Correction: ITO-free silicon-integrated perovskite electrochemical cell for light-emission and light-detection

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Correction to: Opto-Electronic Advances

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After the publication of this article<sup>1</sup>, it was brought to our attention that calculations of the PeLEC device electroluminescent (EL) efficiency contained a mistake, leading to an inaccurate quantity value. The device's maximum EL efficiency constitutes not '~120 klm/W' but '4.3 lm/W' instead. Correction details are listed below.

- 1. In the third sentence in the abstract "electroluminescence efficiency of  $1.3\times10^5$  lm/W" should be "electroluminescence efficiency of 4.3 lm/W";
- 2. In the paragraph below Fig. 3, "The maximum EL efficiency of  $\sim$ 120 klm/W is reached at 3.2 V" should be "The maximum EL efficiency of  $\sim$ 4.3 lm/W is reached at

3.2 V";

- 3. Figure 3.d is replaced exhibiting the accurate data;
- 4. In the second sentence in the conclusion "which provides light electroluminescence efficiency of  $1.3\times10^5$  lm/W" should be "which provides light electroluminescence efficiency 4.3 lm/W".

We would like to apologize for any inconvenience these errors may have caused.

The original article has been updated.

## References

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## Competing interests

The authors declare no competing financial interests.

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