

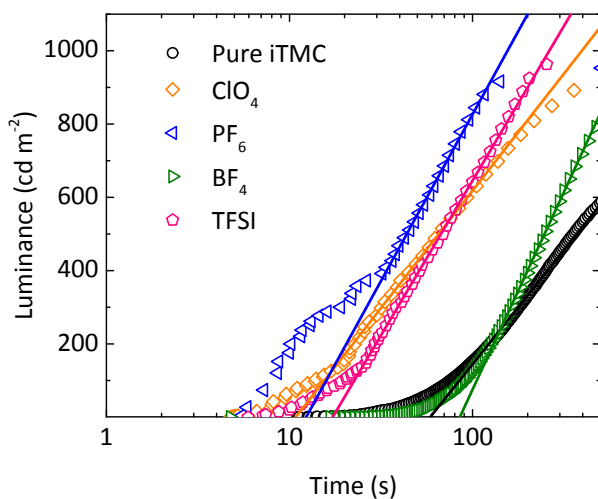
## Lithium salts additives and the influence of their counterion on the performances of light-emitting electrochemical cells

### SUPPORTING INFORMATIONS

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**Figure S1.** Fit of the linear increase of the luminance in a logarithmic time scale.

<b>Salt</b>	<b>Luminance increase (cd m<sup>-2</sup> dec<sup>-1</sup>)</b>
Pure iTMC	624.00
LiClO <sub>4</sub>	639.85
LiPF <sub>6</sub>	908.86
LiBF <sub>4</sub>	1080.31
LiTFSI	844.89

**Table S1.** Slope of the linear part of the luminance in a logarithmic time scale (linear fit).

<b>Additive</b>	<b>Avg. <math>L_{\max}</math> (cd m<sup>-2</sup>)</b>	<b>Avg. <math>t_{100}</math> (s)</b>	<b>Avg. <math>t_{1/2}</math> (h)</b>
<b>None</b>	711.3 ± 33.9	83.66 ± 11.14	47.19 ± 1.28
<b>LiClO<sub>4</sub></b>	918.5 ± 26.2	14.48 ± 0.73	19.14 ± 1.82
<b>LiPF<sub>6</sub></b>	998.7 ± 64.3	7.45 ± 1.62	1095.15 ± 237.38
<b>LiBF<sub>4</sub></b>	915.1 ± 77.78	85.41 ± 8.88	1903.05 ± 97.79
<b>LiTFSI</b>	1000.1 ± 26.9	31.59 ± 14.33	378.08 ± 31.07

**Table S2.** Average luminance, turn-on time and lifetime values with their standard deviation, calculated over three different pixels for LECs employing different Li additives.