

Supporting Information

Chloride-incorporated quasi-2D perovskite films via a dynamic processing for spectra-stable blue light-emitting diodes

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Table S1. The lifetime constants fitted in triexponential function for TRPL decay measurement of the CsPbBr₃:PEABr films with/without MACl treatment.

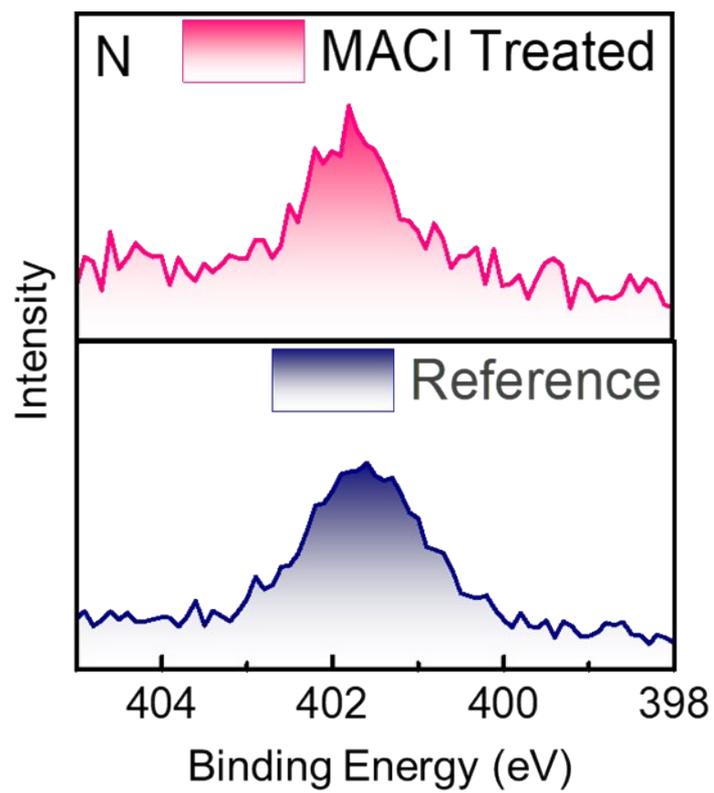


Figure S1. XPS spectra of N 1s of perovskite films with/without MACl treatment.

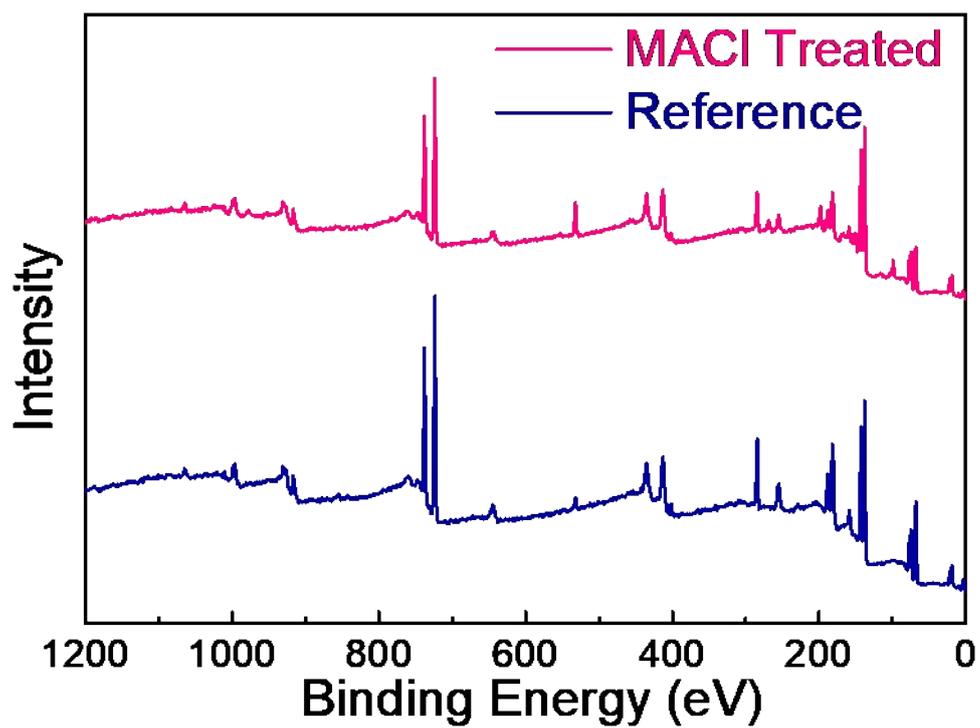


Figure S2. Full XPS spectra of perovskite films with/without MACl treatment.

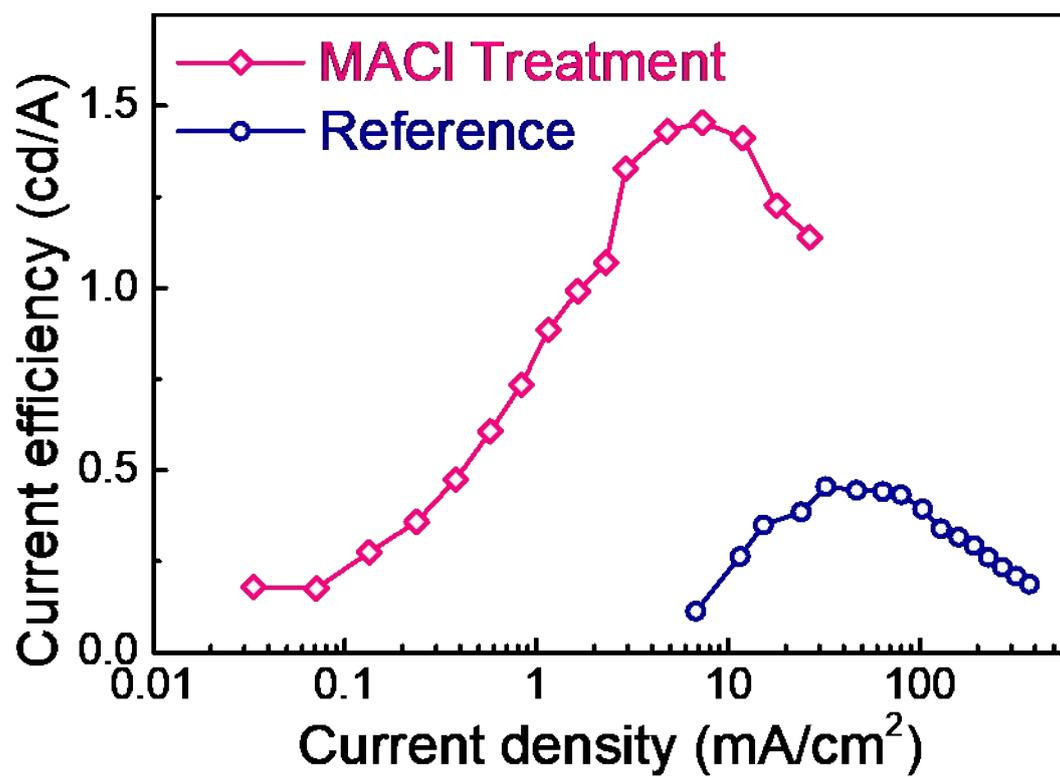


Figure S3. Current efficiency-voltage characteristics of devices with/without MACI treatment.

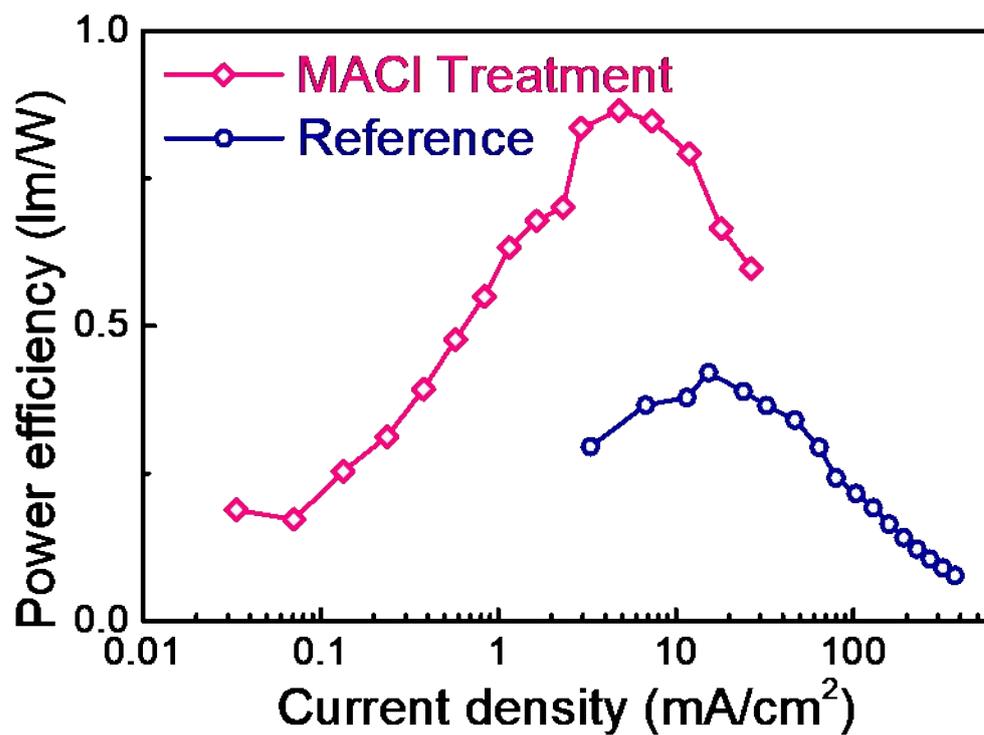


Figure S4. Power efficiency-voltage characteristics of devices with/without MACI treatment.

Table. S1: The lifetime constants fitted in triexponential function for TRPL decay measurement of the CsPbBr₃:PEABr films with/without MACl treatment.

	$\langle\tau\rangle$ (ns)	$\langle\tau_1\rangle$ (ns)	$\langle\tau_2\rangle$ (ns)	$\langle\tau_3\rangle$ (ns)
MACl Treatment	41.60	4.24	26.75	202.47
Reference	16.80	0.59	6.04	54.39