







CORRECTION

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# Publisher Correction: Coherent interaction of atoms with a beam of light confined in a light cage

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Correction to: *Light: Science & Applications*  
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After publication of this article<sup>1</sup>, it is noticed the article contained an error.

In Table 1, the data in the line ‘Length (mm)’ is missing. The complete Table 1 is provided in this correction. The original article has been updated.

## References

1. Davidson-Marquis, F. et al. Coherent interaction of atoms with a beam of light confined in a light cage. *Light Sci. Appl.* **10**, 114 (2021).



**Table 1 Comparative overview on light delay in different types of waveguides**

	F. sp.	LC	HC PCF <sup>29</sup>	Rectang. ARROW <sup>52</sup>	HC PCF <sup>20</sup>	Improv. LC
$\tilde{I}_{\text{str}}/\tilde{I}_{(f,\text{sp})}$	1	4.4	–	–	–	75
maximum	1	19	–	130	175	84
Length (mm)	5	4.5	200	4	200	19.5
Delay $t_D$ (ns)	3.9	3.1	–	16	12.5	29
Frac. delay F	0.055	0.063	–	0.2	30	0.89†
Fill time (days)	~1	~1	~10 <sup>4</sup>	–	~10 <sup>4</sup>	~1
Chip-integrable	No	Yes	No	Yes	No	Yes
LIAD required	No	No	Yes	No	Yes	No
$Q_{\text{atom}}$ ( $10^{10} \text{ cm}^{-3}$ )	10	7	76	120	5	~7*