



**InnoTrans 2018**  
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**INNOVATIONS  
AND TRENDS**



## New light in public transport



T5 tubular lights in the train



T8 tubular lights

Lighting in trains should be sustainable, efficient and maintenance-free, and it must also be able to handle heavy loads. LCC (Laser Crystal Ceramics) produces special illuminants - with over 50% more efficiency compared to previous FL lighting systems. The requirements for railway lamps are great. Amongst others, LCC has produced for the largest private railway company in Switzerland special lighting in special dimensions and types. The existing light sources as well as the control of the interior lighting remained unchanged. The new chip generation thus solves some specific difficulties of the railway industry – efficient, environmentally friendly and no-holds-barred. LCC has its origins in Switzerland and South Korea. It differs fundamentally from LED through the organic coating and saves resources and CO<sub>2</sub>.

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Subject to further change



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