

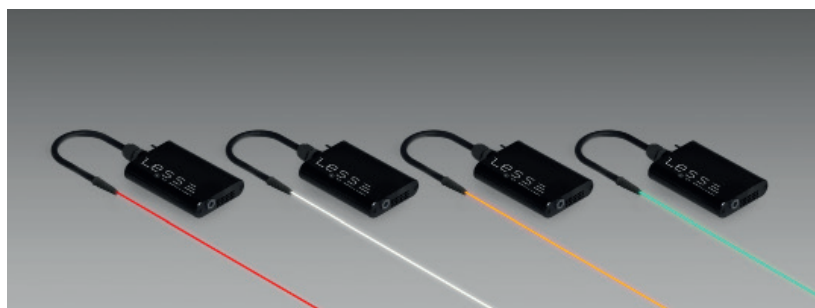


DISCOVERY KIT

FIBER LIGHTING

Unleash your creativity

To learn more
about this product,
visit our website:
www.less-sa.com



ADVANTAGES

- Ultra-light
- Ultra-thin
- Ultra-uniform
- Plug & play
- 3D shapes

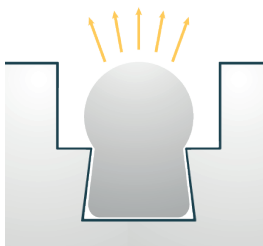
**Now Available
in five certified
color.**

With over a decade of pioneering work on our Nano-Active Optical Fiber technology, we have revolutionized the world of industrial inspection and functional lighting in the automotive industry. Our dedication to technological advancement has yielded a breakthrough that has surpassed all expectations. We are proud to offer our esteemed clients a chance to experience the transformative power of our innovative solutions through our versatile discovery kit (one fits all).

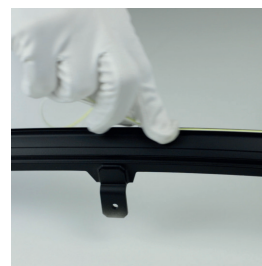
Choose between a mini laser control box with two predefined levels of intensities or a professional laser box for precise control over the light through software (USB) and benefit from a uniform, intense, and directional line of light over two lighting lengths (0.5m or 1m) and five certified (UNECE*) colors (warm white, cold white, amber, red and turquoise).

We have designed our system to be versatile and plug-and-play, so it can meet your specific objectives, whether functional or aesthetic. The discovery kit allows you to explore the vast potential of our revolutionary technology, whether for creative or more industrial applications.

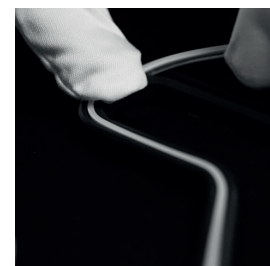
EASY INTEGRATION



Cross section with
mechanical fit



Press fit



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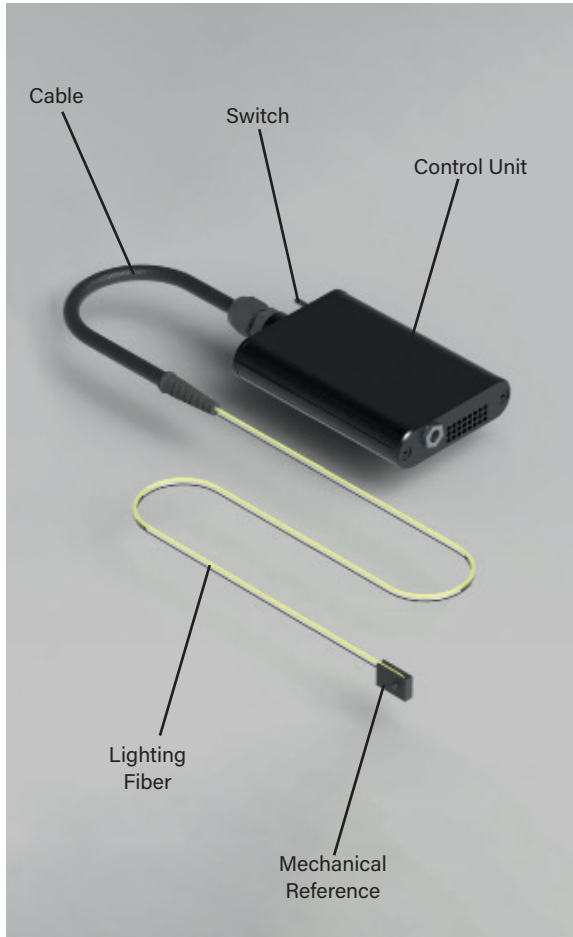
* The UNECE (or ECE) is the World Commission for Harmonization of Vehicle Regulations.



DISCOVERY KIT FIBER LIGHTING

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TECHNICAL DATA



	Warm White	Cold White	Amber	Super Red	Turquoise
Reference	DKO	DKP	DKA	DKR	DKT
Product line	Fiber Lighting				
Color temperature	5400°K	6500°K	λ_{dom} : 592 nm \pm 2 nm	λ_{dom} : 628 nm \pm 2 nm	λ_{dom} : 504 nm \pm 2 nm
Fiber lighting length	500 mm or 1000 mm				
Non-lighting cable	Flexible - 200 mm				
Operating temperature	0 - 40 °C				
External power supply	DC 12V				

Electronics control unit : MINI BOX						
Light intensity control		3 positions switch (low / off / high)				
		low / off / high				
Intensity	Low	> 60cd	> 60cd	> 40cd	> 5cd	> 50cd
	High	> 120cd	> 120cd	> 80cd	> 10cd	> 100cd
Dimension of the control unit		70 x 20 x 98 mm				

Electronics control unit : PRO BOX	
Intensity	Through Software from 10% to 100%
Dimension of the control unit	70 x 20 x 138 mm



ACCESSORY

■ **Assembly Kits:** A selection of curved and straight holders will greatly assist you in seamlessly integrating our nano-active fiber into your creation. The holders provide a stable and secure platform for the fiber, ensuring its proper positioning and optimal functionality within your project.

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less 
BE BRILLIANT



RISK CLASS 0
EN 62471: 2006

EYE-SAFE
CLASS 1 LASER PRODUCT
ICE 60825-1 2014-05

