



LuxiBright® DISCOVERY FIBER LIGHTING

Unleash you creativity

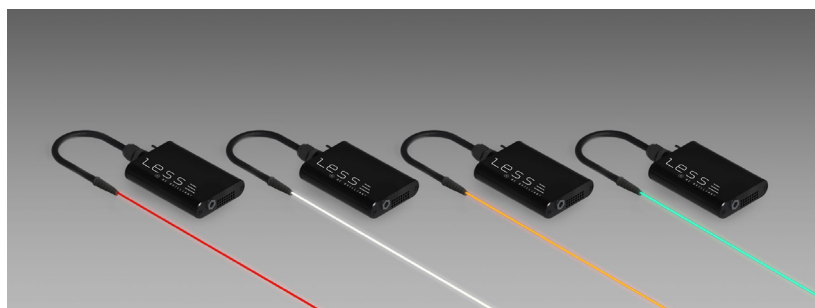
To learn more
about this product,
visit our website:
www.less-sa.com



ADVANTAGES

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

**Now Available
in five certified
color.**



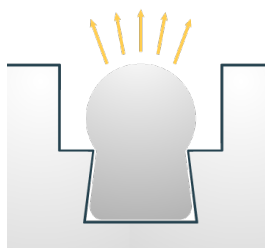
With over a decade of pioneering work on our Nano-Active Optical Fiber technology, we have revolutionized the world of industrial inspection and functional lighting in the automotive industry. Our dedication to technological advancement has yielded a breakthrough that has surpassed all expectations.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

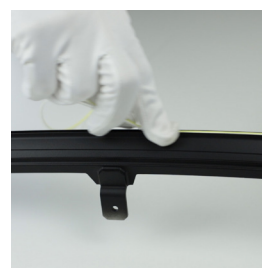
We have designed our system to be versatile and plug-and-play, so it can meet your specific objectives, whether functional or aesthetic. The LuxiBright® Discovery allows you to explore the vast potential of our revolutionary technology, whether for creative or more industrial applications.

Order a demo kit today and experience the future of lighting technology!

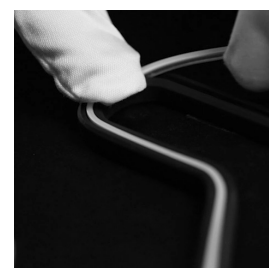
EASY INTEGRATION



Cross section with
mechanical fit



Press fit



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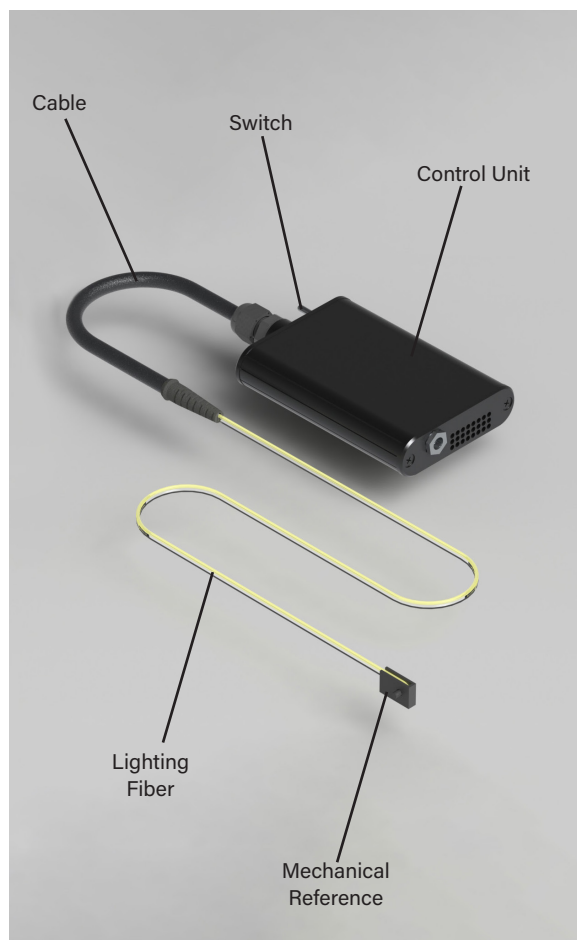
* The UNECE (or ECE) is the World Commission for Harmonization of Vehicle Regulations.



LuxiBright® DISCOVERY

Unleash your creativity
FIBER LIGHTING

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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BE BRILLIANT



RISK CLASS 0
EN 62471: 2006

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

