

**Module LLE FLEX G2 8mm ADV**

Modules LLE FLEX advanced



**Product description**

- \_ Dimmable 24 V constant voltage LED flextape (SELV)
- \_ Ideal for various decorative lighting applications: facade accent lighting, ceiling integration, cove lighting and for aluminium extrusions

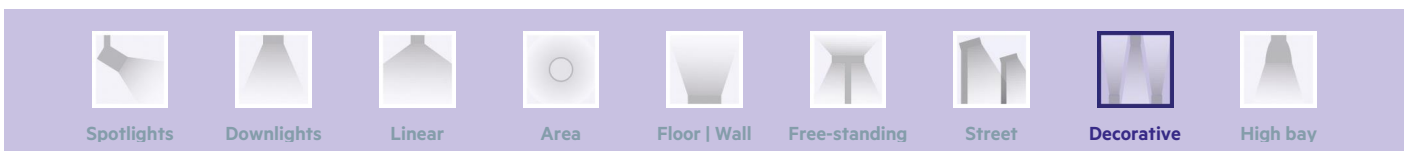
**Features and benefits**

- \_ Luminous flux range of 600, 1200 and 1,800 lm/m
- \_ Colour temperature 2,700, 3,000, 4,000 and 6,500 K with SDCM 3<sup>①</sup>
- \_ Efficacy of the module up to 141 lm/W at  $t_p = 65^\circ\text{C}$
- \_ High design freedom due to 10 cm cut-options
- \_ Pitch distance of 1.4 cm enables high light homogeneity
- \_ Self-adhesive 3M tape at the backside for simple mounting on different surfaces
- \_ PCB to PCB and wire to PCB connectors for toolless handling and connection
- \_ Long life-time up to 50,000 hours
- \_ 5-year guarantee
- \_ System solution in combination with Tridonic constant voltage LED Driver (fixed output and dimmable)

<sup>①</sup> Integral measurement over the complete module.

**Website**

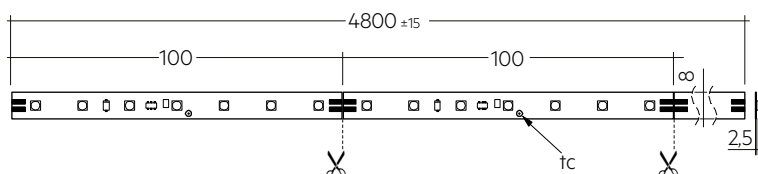
<http://www.tridonic.com/28001906>



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The complete data sheet for this product is available in the Downloads section.



**Ordering data**

Type	Article number	Colour temperature	Packaging, carton	Weight per pc.
<b>4,800 mm reel</b>				
<b>LLE FLEX G2 8x4800 12W-1800lm/m 830 ADV</b>	<b>28001906</b>	3000 K	15 pc(s).	0.06 kg

**Technical data**

Beam characteristic	120°
Ambient temperature range	-35 ... +50 °C
tp rated	65 °C
tc	75 °C
Supply voltage DC	24 V
Supply voltage range DC <sup>②</sup>	21.5 – 26.4 V
Insulation test voltage	0.5 kV
ESD classification	Severity level 4
Risk group (EN 62471:2008)	0
Type of protection	IP00
Life-time	up to 50,000 h

**Approval marks**



**Standards**

IEC 62031, IEC 62471, IEC 62717, IEC 61000-4-2

**Specific technical data**

Type	Article number	Photometric code	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. current consumption n at tp = 65 °C	Typ. power consumption n at tp = 65 °C	Luminous efficacy module at tp = 25 °C	Luminous efficacy module at tp = 65 °C	Colour rendering index CRI
<b>4,800 mm reel</b>									
<b>LLE FLEX G2 8x4800 12W-1800lm/m 830 ADV</b>	<b>28001906</b>	830/359	1,800 lm/m	1,550 lm/m	492 mA/m	11.8 W/m	140 lm/W	131 lm/W	> 80

<sup>②</sup> Exceeding the max. operating voltage leads to an overload on the LLE FLEX. This may in turn result in a significant reduction in life-time or even in destruction.

<sup>③</sup> Tolerance range for optical and electrical data: ±15 %. Values given for 1 m LLE FLEX.