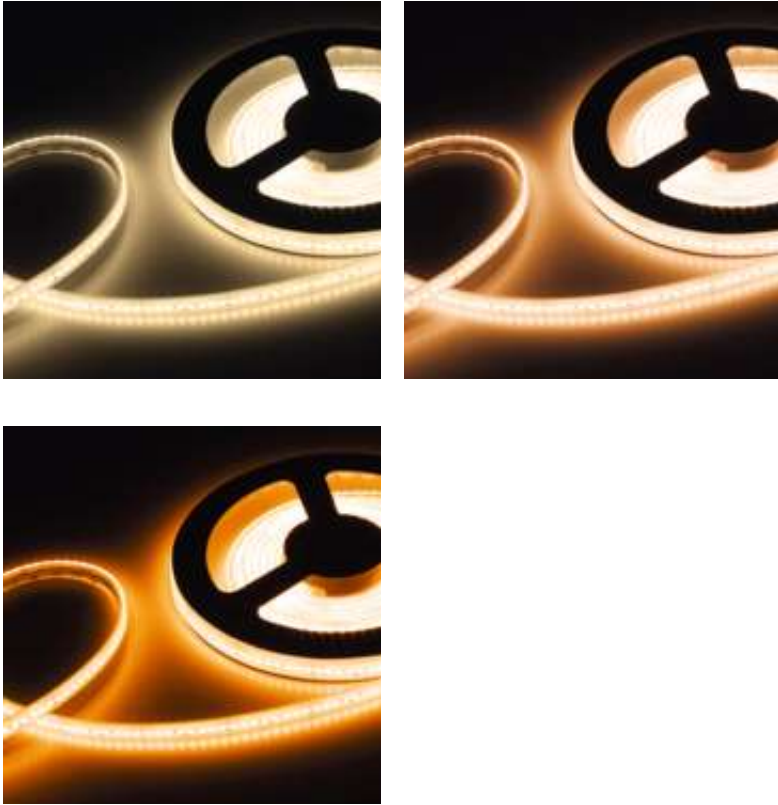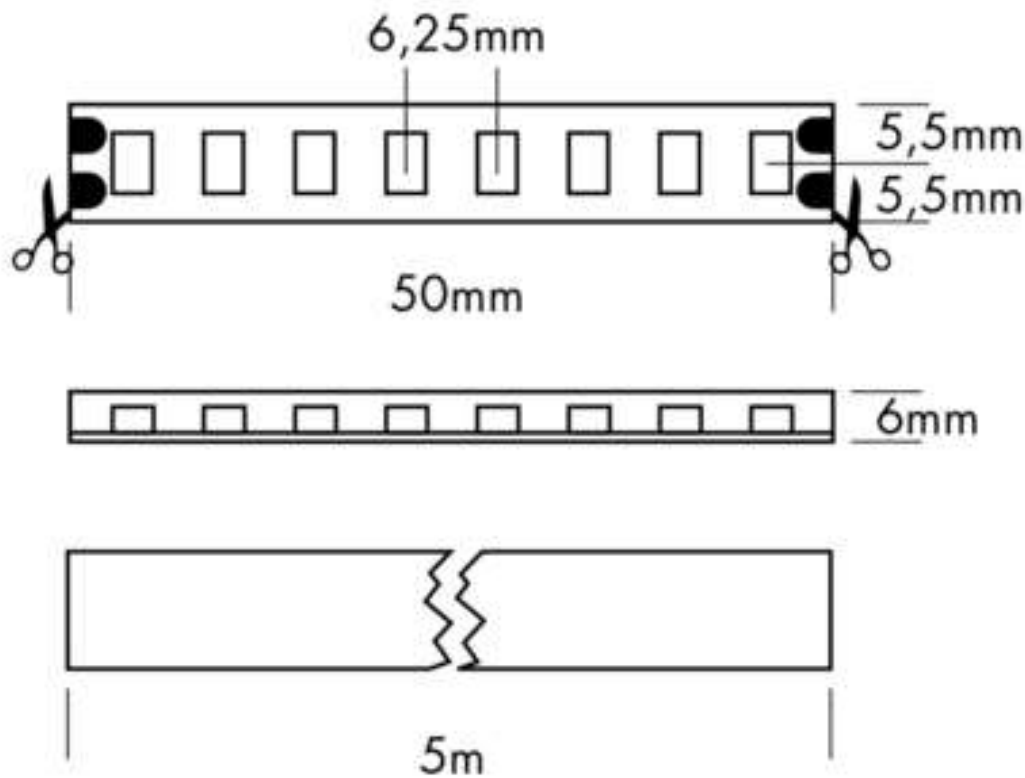# PROLED®

Flex Strip IP68 800 Mono

The PROLED FLEX STRIPS are perfect for indirect lighting, as custom made versions for fair or shop applications as well as for all kinds of illumination. Due to their shallow design and the individually adaptable lengths the PROLED FLEX STRIPS offer a wide spectrum of application possibilities.

- High flexibility – adaptable to round shapes.

- Installation with clamps or special glue. The 3M adhesive tape on the strip's backside (self adhesive) is only as fit-up aid.

- IP68 for under water use (power supply cable/end caps IP65 when correctly sealed)

- dimmable and controllable via DMX 512, DALI, KNX, 1-10 V, CASAMBI, RF by MULTI power supplies/controller

6,25mm

5,5mm

5,5mm

50mm

6mm

5m

PROLED FLEX STRIP IP20+IP53+IP68 MANUAL (1.3 MB)

EULUMDAT/IES INFORMATION

ORDER EXAMPLE SPECIAL LENGTHS

"UL-LISTED" INFORMATION

"REEL TO REEL" INFORMATION

TECHNICAL DATA

IP classification	IP68 (for under water use)
Power source	24 VDC
Electrical connection	1x cable with 2-PIN connector male
Maximum quantity per power input	5 m
Average lifetime*	50.000 h at L80/B10
Operating temperature range	-10° C till +45° C
Width x height	11 x 6 mm
min. Bending radius	20 mm
Cuttable	all 8 LEDs (5 cm)

*With correct installation and a suitable thermal management.

PHOTOMETRIC DATA

LED type	SMD LEDs
Luminous flux	white 1200 Lumen per m
	neutral white 1200 Lumen per m
	warm white 1050 Lumen per m
	super warm white 1000 Lumen per m
	ultra warm white 900 Lumen per m
Colour temperature	white 6000 K
	neutral white 4000 K
	warm white 3000 K
	super warm white 2700 K
	ultra warm white 2400 K
CRI	90
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

order code	colour	length	LED pcs	LED power	power consumption*	weight	EEC
L685904	white	500 cm	800	50 Watt	45 Watt	0,44 kg	E
L685908	neutral white	500 cm	800	50 Watt	45 Watt	0,44 kg	E
L685906	warm white	500 cm	800	50 Watt	45 Watt	0,44 kg	F
L685926	super warm white	500 cm	800	50 Watt	45 Watt	0,44 kg	F

order code	colour	length	LED pcs	LED power	power consumption*	weight	EEC
L685936	ultra warm white	500 cm	800	50 Watt	45 Watt	0,44 kg	G

Custom length. More information about special length and customizing see HERE.

order code	colour	length	LED pcs	LED power	power consumption*	weight	EEC
L685904Z	white	per meter (max. 5 m)	160 per m	10 Watt per m	max. 10 Watt per m	0,09 kg	E
L685908Z	neutral white	per meter (max. 5 m)	160 per m	10 Watt per m	max. 10 Watt per m	0,09 kg	E
L685906Z	warm white	per meter (max. 5 m)	160 per m	10 Watt per m	max. 10 Watt per m	0,09 kg	F
L685926Z	super warm white	per meter (max. 5 m)	160 per m	10 Watt per m	max. 10 Watt per m	0,09 kg	F
L685936Z	ultra warm white	per meter (max. 5 m)	160 per m	10 Watt per m	max. 10 Watt per m	0,09 kg	G

*Actual power consumption