



With the new very high-quality D FLEX LINE series, the DEKO-LIGHT range now includes flexible LED strip lights that facilitate homogeneous, spot-free illumination thanks to their special construction. In order to achieve this, the D FLEX LINE strip lights are fully encapsulated in light-fast polyurethane. Whether for rounded counters, furniture items, equipment of any type, advertising signs or objects in events and catering environments - these strip lights are excellent when it comes to setting the scene with round or curved shapes and generating homogeneous linear light, similar to a neon light rod. They are available in two light emission directions: to the side or upwards depending on bending option.

**Special features**

- Spot-free homogeneous illumination
- Very easy installation - using adapted profile
- UV and salt water-resistant IP68
- Ultra-flexible and therefore very versatile to use
- Light-fast polyurethane encapsulation

<b>Housing Material</b>	Polyurethan
<b>Housing Color</b>	White
<b>Housing Surface</b>	Satinised
<b>Surface Structure of Lens</b>	Satined
<b>Protection Class</b>	Protection class III/safety extra-low voltage
<b>Operating Mode</b>	Constant voltage
<b>Rated Input 1m</b>	10.5 W
<b>Rated Input Voltage</b>	24 V/DC
<b>Power Supply Unit incl.</b>	No
<b>Connection Cable Primary</b>	Yes
<b>Primary Connection</b>	With free strand / conductor ends
<b>Primary Cable Length</b>	3 m
<b>Connection Cable Secondary</b>	Yes
<b>Secondary Connection</b>	Open cables
<b>Secondary Cable Length</b>	3 m
<b>Dimmable</b>	Yes
<b>Control technology</b>	Dimmable via optional controller
<b>Number of Channels</b>	4

<b>LED Distance</b>	11.91 mm
<b>Length</b>	5000 mm
<b>Width</b>	16 mm
<b>Height</b>	15 mm
<b>Product weight</b>	1631 g
<b>Working Temperature</b>	-25 to 45 °C
<b>Storage Temperature</b>	-25 to 60 °C
<b>IP Protection Class</b>	IP 68/max. 2 m
<b>Type of IP Protection</b>	PVC cover
<b>Life Time L70 / B50</b>	60000 h
<b>Switching Cycles</b>	30000
<b>Power Consumption</b>	11 kWh/1000h
<b>Energy Efficiency Class</b>	G

<b>Light Source</b>	LED, Light source not changeable
<b>Lightcolor</b>	RGB/warm white
<b>Color Temperature</b>	3200 K
<b>Colour Consistency</b>	6 SDCM
<b>Colour Rendering Index (Ra)</b>	80
<b>Rated Angle of Reflection</b>	117 Degree
<b>Distribution Characteristic 120°</b>	NDLS
<b>Luminous Flux 1m</b>	320 lm
<b>Luminous Efficiency 1m</b>	30.48 lm/W
<b>LED/Meter</b>	36
<b>Bending Radius min.</b>	150 mm
<b>Total Length to be Operated max.</b>	5 m
<b>Segment Length</b>	166.66 mm
<b>Segment LED Quantity</b>	6