



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

Housing Material	Polyurethan	Depth	5000 mm
Housing Color	White	Width	10 mm
Housing Surface	Satinised	Height	10 mm
Surface Structure of Lens	Satinised	Product weight	862 g
Protection Class	Protection class III/safety extra-low voltage	Working Temperature	-25 to 45 °C
Operating Mode	Voltage constant	Storage Temperature	-25 to 60 °C
Rated Input 1m	10.5 W	IP Protection Class	IP 68/max. 2 m
Rated Input Voltage	24 V/DC	Type of IP Protection	PVC cover
Power Supply Unit incl.	No	Life Time L70 / B50	60000 h
Connection Cable Primary	Yes	Switching Cycles	30000
Primary Connection	With free strand / conductor ends	Power Consumption	11 kWh/1000h
Primary Cable Length	3 m	Energy Efficiency Class	G
Connection Cable Secondary	Yes		
Secondary Connection	Open cables		
Secondary Cable Length	3 m		
Control	dimmable via optional controller		
Number of Ducts	1		
Light Source	LED, Light source not changeable		
Lightcolor	Warm white (WW)		
Color Temperature	3000 K		
Colour Consistency	6 SDCM		
Colour Rendering Index (Ra)	80		
Rated Angle of Reflection	180 Degree		
Distribution Characteristic 120°	NDLS		
Luminous Flux 1m	730 lm		
Luminous Efficiency 1m	69.52 lm/W		
LED/Meter	60		
Bending Radius min.	75 mm		
Total Length to be Operated max.	5 m		
Segment Length	100 mm		
Segment LED Quantity	6		
LED Distance	6.94 mm		