



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

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|---|---|--------------------------------|----------------|
| Housing Material | Polyurethan | LED Distance | 11.91 mm |
| Housing Color | White | Length | 5000 mm |
| Housing Surface | Satinised | Width | 12 mm |
| Surface Structure of Lens | Satined | Height | 20 mm |
| Protection Class | Protection class III/safety extra-low voltage | Product weight | 1631 g |
| Operating Mode | Constant voltage | Working Temperature | -25 to 45 °C |
| Rated Input 1m | 10.5 W | Storage Temperature | -25 to 60 °C |
| Rated Input Voltage | 24 V/DC | IP Protection Class | IP 68/max. 2 m |
| Power Supply Unit incl. | No | Type of IP Protection | PVC cover |
| Connection Cable Primary | Yes | Life Time L70 / B50 | 60000 h |
| Primary Connection | With free strand / conductor ends | Switching Cycles | 30000 |
| Primary Cable Length | 3 m | Power Consumption | 11 kWh/1000h |
| Connection Cable Secondary | Yes | Energy Efficiency Class | G |
| Secondary Connection | Open cables | | |
| Secondary Cable Length | 3 m | | |
| Dimmable | Yes | | |
| Control technology | Dimmable via optional controller | | |
| Number of Channels | 4 | | |
| Light Source | LED, Light source not changeable | | |
| Lightcolor | RGB/warm white | | |
| Color Temperature | 3200 K | | |
| Colour Consistency | 6 SDCM | | |
| Colour Rendering Index (Ra) | 80 | | |
| Rated Angle of Reflection | 125 Degree | | |
| Distribution Characteristic 120° | NDLS | | |
| Luminous Flux 1m | 210 lm | | |
| Luminous Efficiency 1m | 20 lm/W | | |
| LED/Meter | 36 | | |
| Bending Radius min. | 150 mm | | |
| Total Length to be Operated max. | 5 m | | |
| Segment Length | 166.66 mm | | |
| Segment LED Quantity | 6 | | |