



BRIEF INFORMATION

FlexaTec

- Flexible light strip for homogenous illumination
- Quick and easy installation
- Individual length – can be combined up to 100 m

PRODUCT FEATURES

The new flexible LED light strip from HELLA for industrial applications is available in different section lengths and can be combined to a length of up to 80 or 100 meters depending on the country. It is available as both 110 and 230 V AC version and is made of a non-flammable material (PVC flammability class V0).

Installation is easy, thanks to the specially designed clips. Therefore, FlexaTec can be used, for example, in underground mining applications or conveyor belt systems.

The light ensures homogenous illumination of the working environment. With a colour temperature of 5,000 Kelvin, the FlexaTec light is also very similar to daylight. This means that colours can be distinguished more clearly in the dark, thus making sensory perception significantly easier for the human eye. In turn, this prevents workers' eyes from tiring quickly during work in dark environments, such as in underground mining. Other light colours are available on request.

TECHNICAL DETAILS

| Technical data | |
|-----------------------------------|---|
| Operating voltage / rated voltage | 110 or 230 V AC |
| Light source type | LED |
| Power consumption | 11 W per meter (110 V AC) 15 W per meter (230 V AC) |
| Light output | 1,200 lm per meter (110 V AC) 1,500 lm per meter (230 V AC) |
| Colour temperature | 5,000 K |
| Protection class | IP 6K7 |
| Operating temperature | -20°C to +40°C |
| Warranty | 3 years (L70) |
| Type approval | CB (IEC 60598-2-1:1979/AMD1:1987; IEC 60598-1:2014/AMD1:2017) Supplementary approvals: CRS, SAA ETL (UL 1598:2018 Ed.4 & CSA C22.2#250.0:2018 Ed.4) |
| Mounting | Quick fastening via specially designed clips |
| Connection | Cable with open end Cable with connector (for US / Canada) |
| Material | PVC (flammability class V0) |
| Dimensions | Width: 18 mm Height: 8 mm Length: can be combined up to 100 m (80 m for US / Canada) |

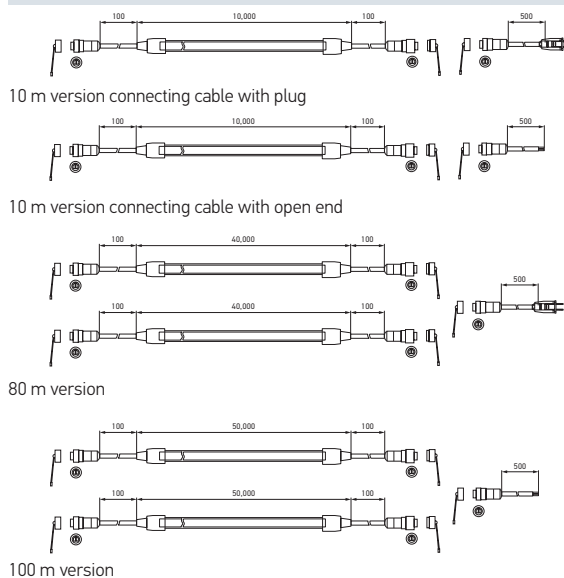
RANGE OVERVIEW

| | 1GJ 995 180- | | | | 1GJ 995 181- | |
|------------------------|--------------|-------|-------|-------|--------------|-------|
| | -201* | -601* | -211* | -701* | -201* | -601* |
| 110 V AC | x | x | x | x | - | - |
| 230 V AC | - | - | - | - | x | x |
| 10m | x | - | x | - | x | - |
| 80m | - | x | - | - | - | - |
| 100 m | - | - | - | x | - | x |
| CB (Europe) | - | - | - | - | x | x |
| ETL (America / Canada) | x | x | - | - | - | - |
| CRS (India) | - | - | x | x | - | - |
| CB + SAA (Australia) | - | - | - | - | x | x |
| CB (South Africa) | - | - | - | - | x | x |

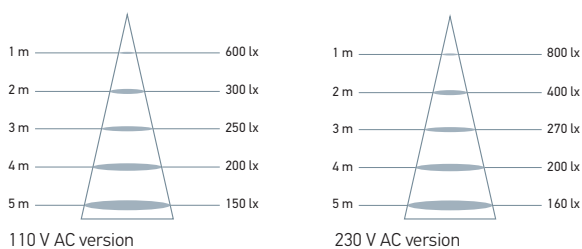
* Includes fastening clips, end cap and connecting cable.

| Spare parts | |
|--|------------------------|
| Spare parts set (includes fastening clips, end cap and connecting cable) | |
| Spare parts set 110 V AC version (US & Canada) | 9XD 990 181-001 |
| Spare parts set 110 V AC version (India) | 9XD 990 181-021 |
| Spare parts set 230 V AC version | 9XD 990 181-011 |

Dimensional sketch



Illumination



Illumination comparison

Underground mining without vs. with FlexaTec

