1. **Product description**

Qbus offers a range of high-quality LED strips working on 24VDC and 48VDC. They can be perfectly controlled by Qbus modules in stand-alone version or via the bus system.

The LS48/27.2700 LED strip is intended for use with a 48VDC constant voltage power supply. The strip LED’s emit light at 2.700k wavelength and can be controlled through the Qbus CVD04SA module. The very high light quality is obtained by arranging 300 LED’s per meter. Low current per LED in combination with power limiters, ensures lower temperature and overcurrent protection to ensure a long life. The strip length is 10m and can be connected from both sides and cut to the desired length in steps of 5 cm (15 LED’s).

The LS48/27.WWCW LED strip is intended for use with a 48VDC constant voltage power supply. The LED strips can be used in Warm White (WW) and Cold White (CW) and can be controlled through the Qbus CVD04SA module. The very high light quality is obtained by arranging 300 LED’s per meter. Low current per LED in combination with power limiters, ensures lower temperature and overcurrent protection to ensure a long life. The strip length is 10m and can be connected from both sides and cut to the desired length in steps of 10 cm (30 LED’s).

2. **Safety rules**

Read the complete manual before installing and powering on the LED strips.

**ATTENTION**

- The module must be installed, activated and maintained by a licensed electrical installer in accordance with the applicable legal requirements of the country.
- The power must be turned off before working on the LED strips.
- Never connect alternating voltage (eg 230V ~) directly to the power cables of the LED strips. This will cause irreparable damage.

### 3. Dimensions, mounting and wiring

The LED strip is shipped on a plastic holder and can be cut to the desired length in steps of 5cm. In an ideal scenario the LED strips are controlled by the Qbus CVD04SA module in stand-alone mode or directly via the system bus.

**LS48/27.2700**

**Dimensions**

![Dimensions diagram]

**Mounting**

![Mounting diagram]

**Wiring**

![Wiring diagram]
LED STRIPS LS48/27.2700, LS48/27.WWCW

4. Technical data

LS48/27.WWCW

- Dimensions (L x W): 10m x 0.01m
- LED’s per m: 300 / 3000 per roll
- Cutting: every 5cm / 15 LED’s at designated cut points
- Power consumption: 27W/m
- Constant Current technology: 48VDC
- CRI >93,8 (R1=95; R2=99, R3=98; R4=93; R5= 94; R6= 97; R7= 91; R8= 83; R9= 65; R10= 96; R11= 94; R12= 84; R13= 96; R14=100; R15= 91)
- SDCM 1
- Luminous Flux= 2500 lumen/m
- Operating temperature: -20 to +50 °C

LS48/27.2700

- Dimensions (L x W): 10m x 0.01m
- LED’s per m: 300 / 3000 per roll
- Cutting: every 5cm / 15 LED’s at designated cut points
- Power consumption: 27W/m
- Constant Current technology: 48VDC
- CRI >93,8 (R1=95; R2=99, R3=98; R4=93; R5= 94; R6= 97; R7= 91; R8= 83; R9= 65; R10= 96; R11= 94; R12= 84; R13= 96; R14=100; R15= 91)
- SDCM 1
- Luminous Flux= 2300 lumen/m
- Operating temperature: -20 to +50 °C

5. Guarantee provisions

Period of guarantee: 5 years from date of delivery. Guarantee will not be accepted if the device has been opened!

Faulty units should be sent postage-free with a description of the defect to our central customer service center:

QBUS N.V.
Joseph Cardijnstraat 19
9420 Erpe-Mere
Belgium

T +32 53 60 72 10
F +32 53 60 72 19
Email: support@qbus.be