PRODUCTINFO

Technical product data sheet

LED STRIPS LS48/27.2700, LS48/27.WWCW

LED STRIPS

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

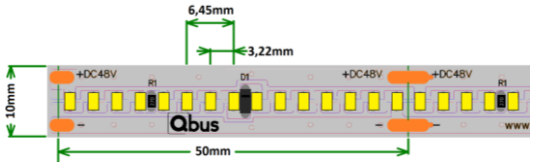
- The module must be installed, activated and maintained by a licensed electrical installer in accordance with the applicable legal requirements of the country.
- The power must be turned off before working on the LED strips.
- Never connect alternating voltage (eg 230V ~) directly to the power cables of the LED strips. This will cause irreparable damage.
- Only to be used in combination with DC 48V SELV.
- Cut only at designated cut-points every 5 cm and turn off the power supply while cutting.
- Be careful when unpacking and installing the LED strips, as with all semiconductor appliances electrostatic discharge should be avoided.

3. Dimensions, mounting and wiring

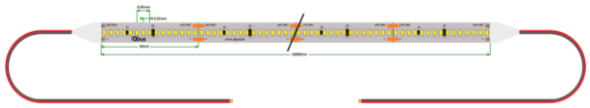
The Led strip is shipped on a plastic holder and can be cut to the desired length in steps of 5cm. Ion an ideal scenario the LED strips are controlled by the Qbus CDV04SA module in stand-alone mode or directly via the system bus.

LS48/27.2700

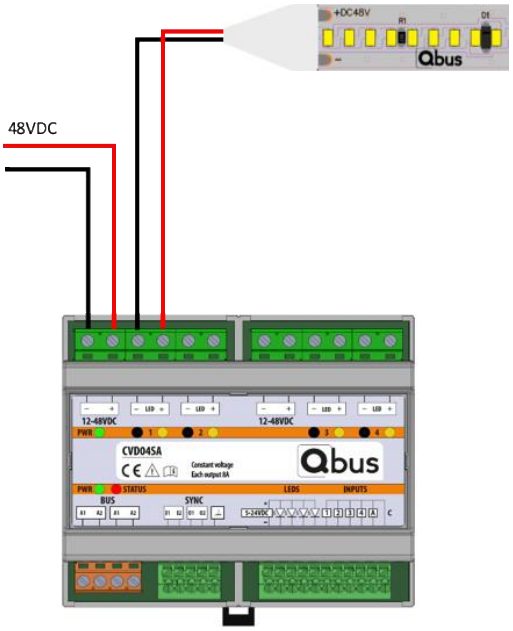
Dimensions



Mounting



Wiring



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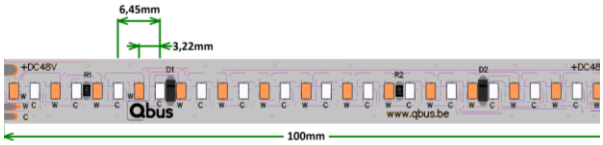
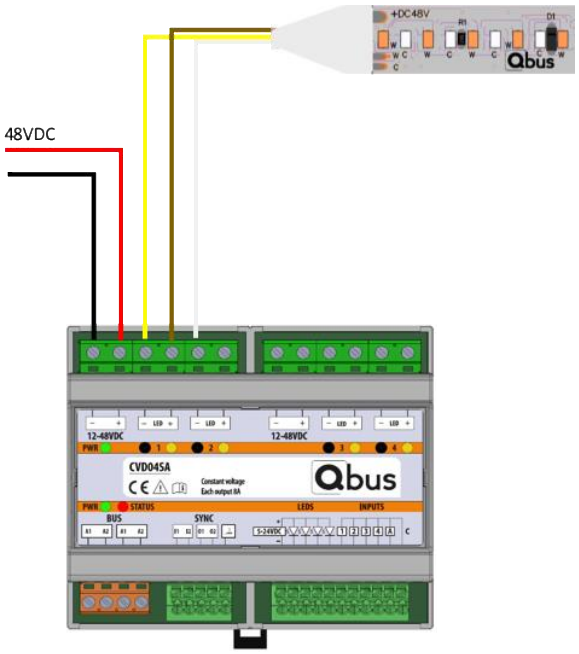
LS48/27.WWCW

Dimensions



Mounting

Wiring



4. Technical data

LS48/27.WWCW

- Dimensions (L x W): 10m x 0,01m
- LED's per m: 300/ 3000 per roll
- Cutting: every 10cm / 30 LED's at designated cut points
- Power consumption: 2000K +/- 13.5W/m + 6500K +/- 13.5W/m)
- CCT: 2000K => 1113 lumen/m & 6500K => 1531 lumen/m
- Constant Current technology: 48VDC
- CRI 95 (R1= 94; R2= 94; R3= 97; R4= 96; R5= 94; R6= 91; R7= 96; R8= 98; R9= 92; R10= 91; R11= 93; R12= 83; R13= 93; R14= 98; R15= 92)
- SDCM per color 1
- Luminous Flux= 2300 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= 2500 lumen/m
- Operating temperature: -20 to +50 °C

Electrical safety XX?

- In accordance with EN60950 – 1: 2006
- Non-toxic, in accordance with WEEE/RoHS
- In accordance with EMC low voltage directives and HBES – EN50090-2-2 and EN60950 – 1: 2006 +A11:2009 + A1:2010 + A12:2011 + A2:2013

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:

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