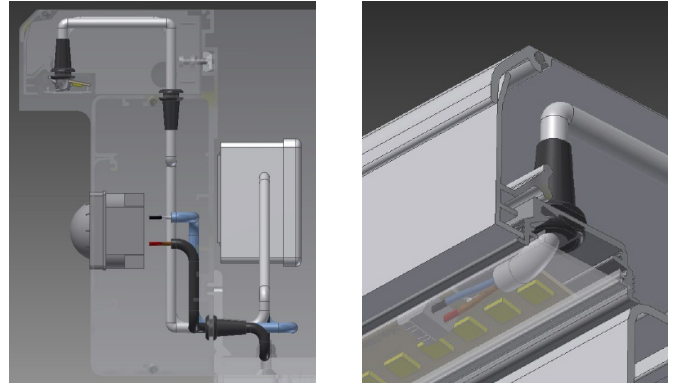


LED board

The LED board can be used for built-in lighting in installation bridges, LED panels, cabinets and fume cupboards.

The LED board is CE approved and complies with the following quality requirements:

- Product warranty of 2 years (provided that there is stable non-fluctuating power supply).
- A minimum of 70% light intensity retained after 50,000 hours / 5 years of continuous use.



Principal sketch of the LED board integrated in a Labflex installation bridge

SPECIFICATIONS

LED: 4000K*, MacAdam 3

Minimum RA90 (RA = colour rendering/light quality index on a scale from 0-100%)

LED luminaire viewing angle min. 110 degrees

Power consumption = 19 W per metre LED board

Brightness: Minimum 1200 lm per metre (brightness ~ 1600 lm corresponds to a 100W bulb)

External power supply / control box 240V AC/24 V DC.

DALI and 1-10 Volt compatible with attenuation

Dimmability: 100-10% of stable light intensity in the entire range

* In combination with opal plastic shield

Labflex LED is energy-efficient and operates on 24V. LED light has a colour value of 4,000K (white light), which is the colour temperature recommended for laboratory working light.

LED loses its light intensity over time, and the biggest drop occurs at the beginning. There may be a difference in light intensity if a LED luminaire is replaced in a longer range. If there are high requirements for uniformity in the lighting, the entire range of continuous LED boards should be replaced at the same time.