

# TECNOLUMEN

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## Assembly instructions and important information HLWS 04 triple light ceiling rail

### Technical details:

Power supply: 110-240 V / 50-60 Hz

Bulb socket: E27

Protection class: I

Maximum wattage (thermal):

3 x 75 W

Recommended bulbs:

energy-saving bulb 15 W

#### Note:

This specified maximum wattage applies to conventional bulbs. Since these have however been off the market since 01.09.2009, we recommend energy-saving bulbs with about 1/5 of the specified wattage.

**Halogen bulbs are not suitable** because these become much hotter than conventional bulbs.

We do not recommend using **clear glass bulbs**, since such bulbs cast a shadow onto the opal glass.

### Safety instructions:

- This luminaire may only be wired to the mains by a qualified electrician.  
**Improper connection causes safety hazards!**
- Always ensure that the electricity is switched off when working on the luminaire or changing the bulb.
- Have repair work performed only by an authorized electrician, because electrical power can cause severe injuries!
- Some of the lamp components may get very hot in operation! Avoid skin contact with these components to prevent burns.

### Care of lamp:

Use a standard commercial cleaner for cleaning the glass shade.

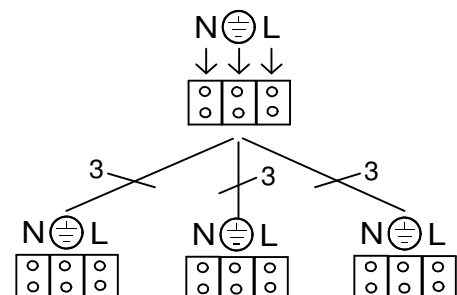
For cleaning the ceiling rail use a rinsing agent or a glass cleaner.

### Mounting the luminaire and

#### Notes on the glass lampshade:

- Mark the position of the drilled holes on the room's ceiling through the drilled holes in the ceiling rail.
- Make the drilled holes with masonry drill.
- Now shorten the power cables to the desired length and guide it into the ceiling rail and turn in the PVC-screws of the strain reliefs.
- Have the electrical connection installed by an electrician as shown in the connection diagram.
- Fit the ceiling rail on the room's ceiling with the enclosed screws and rawplugs.
- These glass lampshades are blown into shape by mouth, using a glassblower's pipe. Unevenness of the surface as well as the inclusion of tiny air bubbles is quite normal, but does not adversely affect the lighting quality. Neither can it be avoided that individual glass shades may show tolerances in their internal diameters. For this reason, the bars holding the glass are shortened and some threads of the knurled screws will still be visible. When installing the glass you should therefore start by tightening the knurled screws only two or three turns. When the glass is then supported in place, you can tighten the knurled screws alternately to fix it in place.

### Connection diagram:



L = transparent lead  
⊖ = transparent lead with green/yellow yarn  
N = transparent lead