

Light and heat at any time – heating system Tempura, light bar Lux and light bar Lux Design



We reserve the right to make technical alterations. December 2006



Accessoires
Heating system Tempura
+ Light bars
Lux/
Lux Design



weinor Heizsystem Tempura

As warm as the sun

Even when the sun has gone away, on cloudy days or in the evening, nobody needs to go without a quiet evening alone or in the company of others on the patio or balcony. The weinor heating system Tempura creates a cosy warmth whenever needed – with virtually no loss, because the electromagnetic waves of the infra-red heating are absorbed by your skin and converted into heat. A warmth that most people find particularly comfortable.

Technical details

Heating system Tempura

- Dimensions
46 cm wide
13 cm high
11 cm deep
- Power/power consumption
230 V, 50 Hz, 1500 W
- Weight
2.5 Kg
- Spray protected (IP 24)
- Standard with 0.5 m silicon cable, Hirschmann coupling and 1.5 m cable with plug
- Swivel housing

- Original Philips  HeLeN "Gold tubes"
- Original; Philips  system for quick change of tubes
- Special bracket for attachment to **Opal** awning range
- Universal bracket
- Powder coating in 47 standard colours
- Surface permanently resistant to scratching and weather

Options

- Remote control
- Dimming function
- 6.5 m power cable with earthed plug (IP 44)



The technical product highlights of the weinor heating system Tempura



Swivelling Tempura housing



Heating tubes of quartz glass

Swivelling housing

With its open housing and compact short-wave technology, the **Tempura heating system** is attractive, handy, small and light. **In comparison:** medium wave radiators have to be about 4 times the size of the **heating system Tempura** in order to provide the same amount of power. Furthermore the housing swivels infinitely upwards and downwards through 40°.

The power

With a mains voltage of 230 V, 50 Hz the **Tempura** produces 1500 Watts power.

Short reaction time

The **heating system Tempura's** reaction time is only one to two seconds. This means that you feel the warmth as soon as you have turned it on.

In comparison: medium wave radiators need 60 seconds after being turned on before their rays can heat your body.

Spray protected

The **heating system Tempura** can stay outside even in the rain; it does not need to be covered, e.g. by a glass panel. Its safety for use outdoors has been tested in a spray test by the German standards authority TÜV. Protection class I, protection type IP



Overheating protection

The integral cooling ribs and the open housing protect the housing from overheating.

Heating tubes

The original Philips HeLen "Gold tubes" are of high grade quartz glass. The Philips Clicfit system makes replacing tubes quick and simple.



Description	Patent no
Florentine with infrared radiator and/or loudspeaker	000001403442
design patent Tempura	000131339-0001
design patent Tempura	000131339-0002

The technical product highlights of the weinor heating system Tempura



Operation

The heating system Tempura is supplied with 0.5 m silicon cable, Hirschmann coupling and 1.5 m cable with plug as standard.

Attachment with the universal bracket

The universal bracket can be used independently of the product for fixing the Tempura to a wall or ceiling.



Attachment to Opal awnings with the special bracket

The special bracket allows the Tempura to be attached quickly and easily to cassette awnings of the Opal range without having to drill any screw holes. It can be positioned anywhere across the awning's width and can be moved easily at any time by simply pushing it, provided the cable is long enough.

i The housing of the Tempura is only so wide that it can always fit between two halogen spotlights of the Opal Lux versions without covering them.

Minimum height for mounting:
180 cm

How infra red radiators work

The sun's infra red rays touch a surface and have the effect of releasing energy in the form of heat. The surrounding air still remains cool. That way it is also possible to enjoy warmth in a ski chalet when the temperatures are below zero. The weinor heating system Tempura works on the same principle as the sun. It radiates electromagnetic waves in the infra red range, which are absorbed by the skin and are converted into heat. People find this particularly pleasant.

Unlike conventional systems, the heat is not "carried" through the air. This means that factors such as draughts or rising air cannot reduce the level of heat. The Tempura's full heating power is available after only one or two seconds.

An even heat is radiated across a wide angle. The high intensity of the rays (90 – 95 percent) converts nearly all the electric energy into heat – and that while taking up a very small amount of space. The light, small and always cool unit can be used outdoors and indoors (e.g. in a conservatory).

The product options of the weinor heating system Tempura



Convenient remote control operation

By using the appropriate remote control receiver from the **WeiTronic** range and the accompanying **Remoto** handheld remote control unit, it is possible to control the **Tempura** as well as one or more awnings with just one handheld remote control unit.

Dimming function

With the **Remoto 5** handheld remote control unit, for example, several receivers can be controlled, e.g. awning, awning lighting and the **Tempura**.



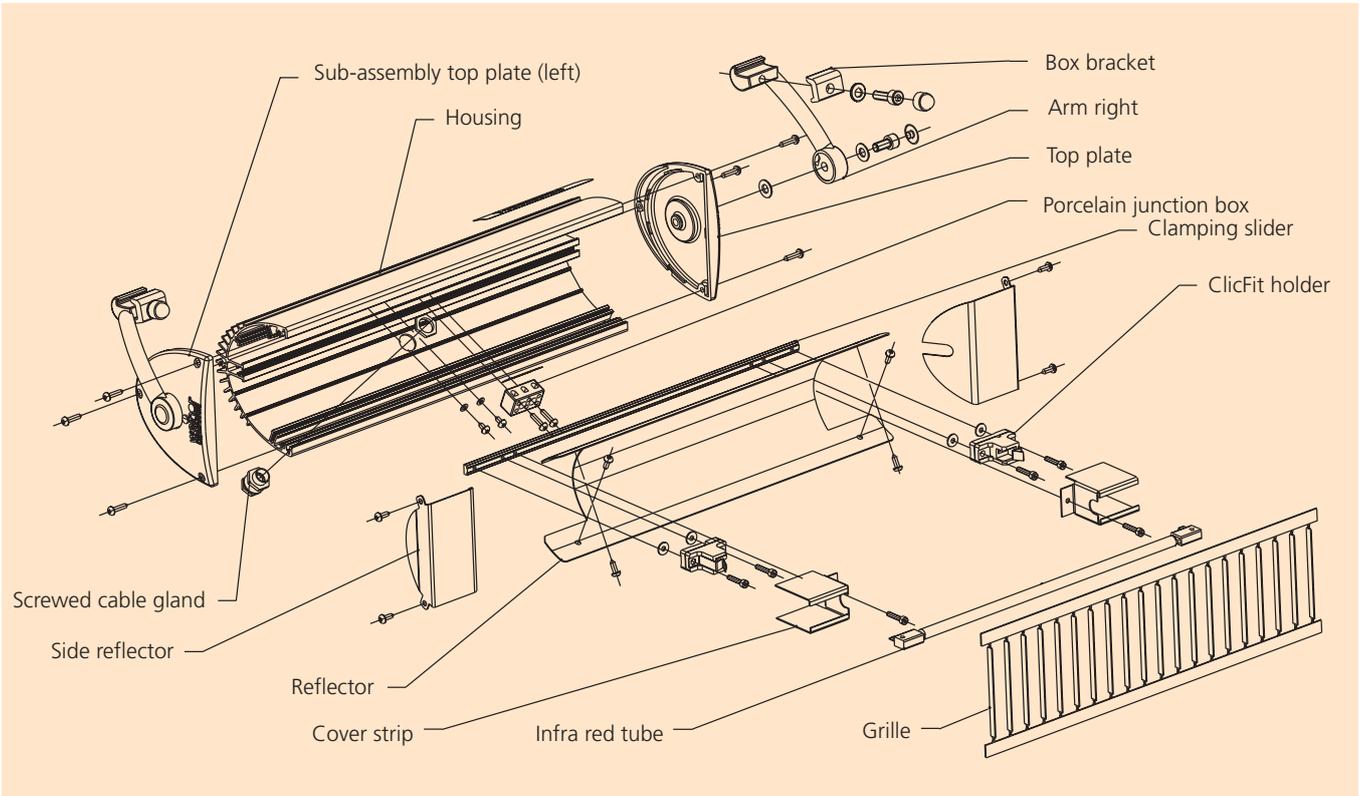
Product benefits at a glance

Designation	Material	Surface treatment	Qualities	Your advantages
Housing	Corrosion-free materials	Chrome-free pre-treated and powder coated, splashproof	Highly resistant to breakage, surface permanently resistant to scratching and weather	You choose the powder coating colour for your Tempura to suit your personal taste. Pre-treating the housing prevents corrosion, even on damaged surfaces.
Heating tubes	Quartz glass		Original Philips "HeLen" gold tubes	The long-life heating tubes can be replaced easily and quickly thanks to the fitted Philips clicfit system.
Universal bracket Opal bracket	Cast aluminium	Chrome-free pre-treated and powder coated	Surface permanently resistant to scratching and weather	Pre-treating the brackets prevents corrosion, even on damaged surfaces.
Screws	Stainless steel		Non-corrosive	No rust, no appreciable wear and tear
Tempura operation	Comes as standard with 0.5 m silicon cable, Hirschmann coupling and 1.5 m cable with plug			

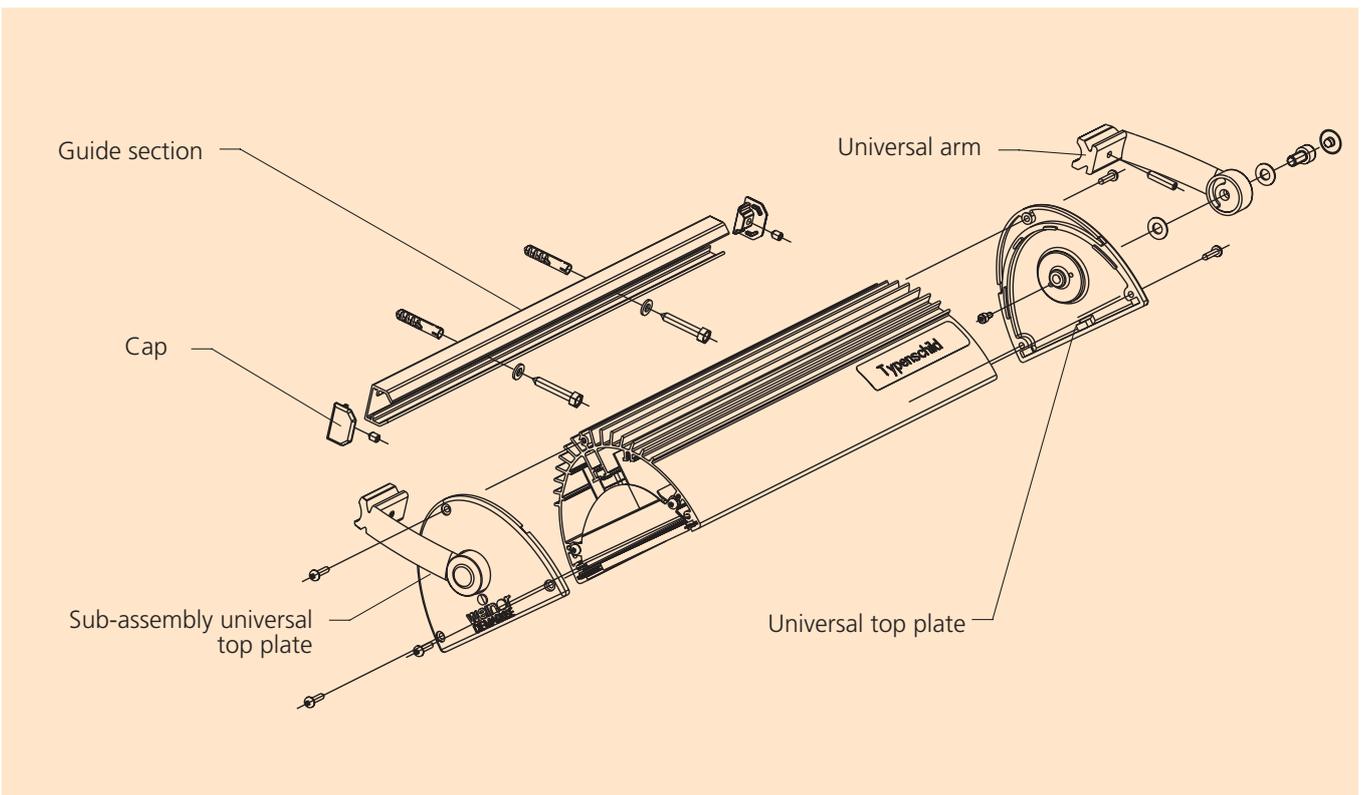
Product options at a glance

Designation	Material	Surface treatment	Qualities	Your advantages
Remote controlled operation plus dimming function			WeiTronic remote controlled receiver (incl. 6.5 m mains connection lead and earthed plug)	Optionally the Tempura can be supplied in conjunction with a WeiTronic remote controlled receiver and a WeiTronic Remoto handheld remote control unit . With this, the Tempura cannot only be turned on and off, it can also be dimmed to any intensity.
Time switch				In conjunction with a WeiTronic remote controlled receiver and a WeiTronic Astrotec-868 programmable time switch, the Tempura turns on at whatever time has been programmed.
6.5 m mains cable with earthed plug (IP 44)				

Exploded drawing of the Tempura

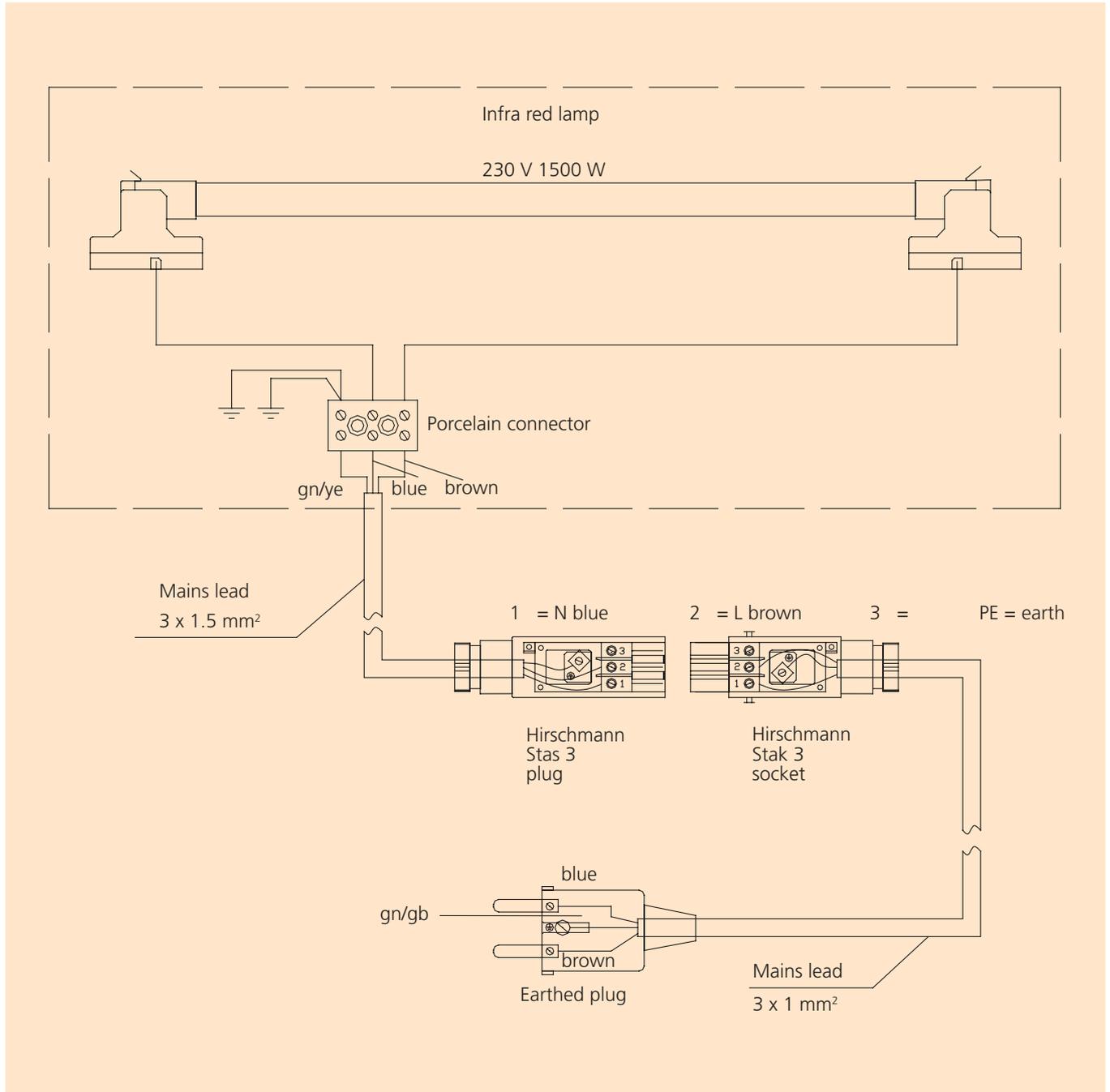


Heating system Tempura for attachment to Opal awnings



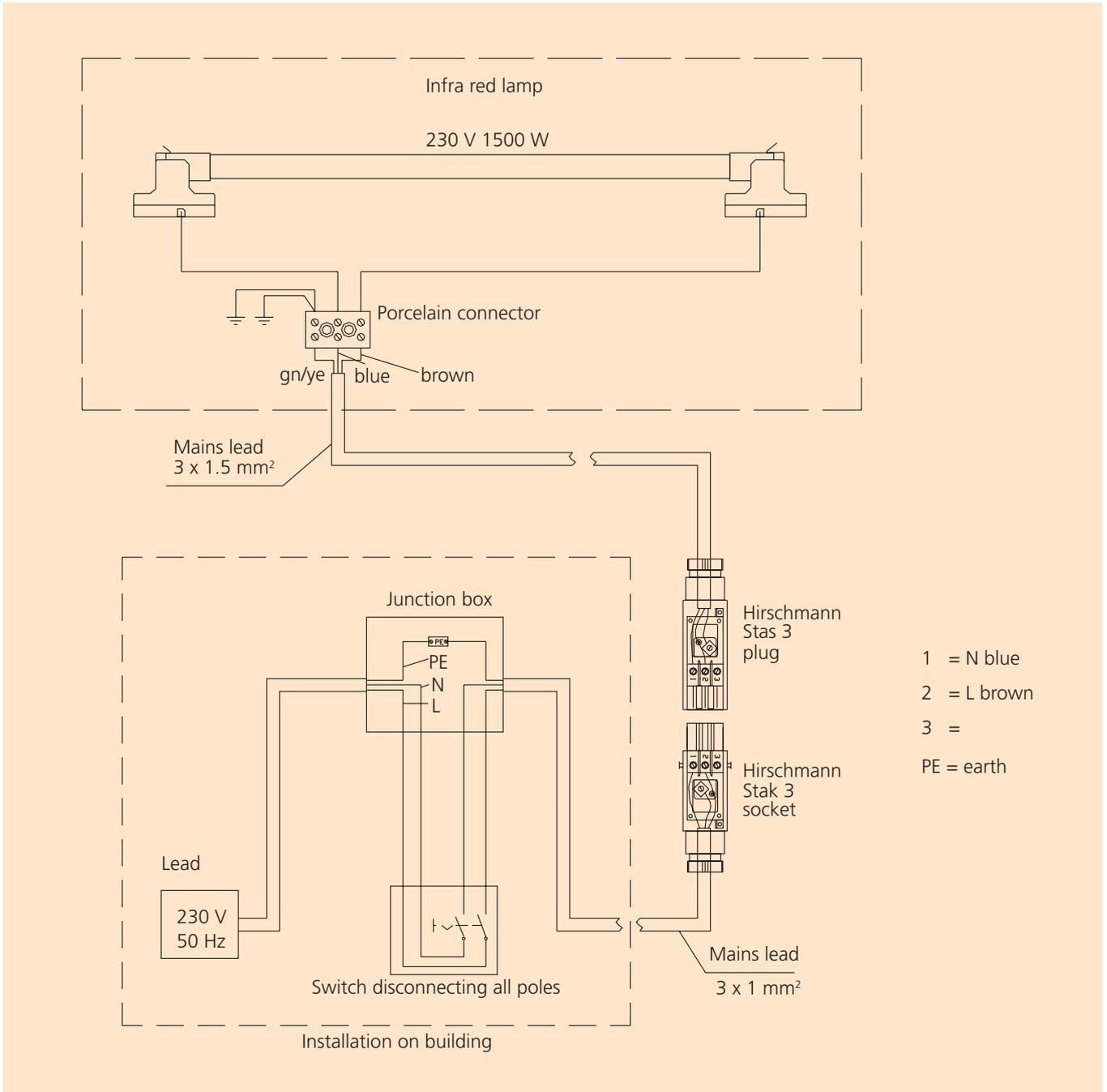
Heating system Tempura with universal bracket

Heating system Tempura wiring diagram – as supplied



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Heating system Tempura wiring diagram – example of standard installation on building





Stylish lighting

With a **light bar Lux** or **Lux Design**, you can create your own individual atmosphere on the patio or balcony.

Whether in combination with a weinor awning or on its own, the light bar is good at replacing other patio or balcony lighting. When used in conjunction with remote controls and a handheld remote control unit it can optionally be dimmed.

Technical details

Light bar Lux/Lux Design

- Dimensions, **Lux**
150 to 650 cm wide,
7 cm high (without lamps),
8.5 cm high (with lamps),
7.3 cm deep
- Dimensions, **Lux Design**
150 to 650 cm wide,
4.6 cm high,
8 cm deep
- Nominal voltage 230 V, 50 Hz
- Output 3 x 20 to 7 x 20 Watts
- Weight
5 to 20 Kg, depending on width
- Protection category I
- Protection class IP24
- Housing of high grade corrosion-free material
- Pre-mounted lamp set of low voltage version
- Lamp mounts in same colour as the bar's housing

- Operation **Lux**
Standard with 1 m cable, Hirschmann coupling, on/off function using switch to be installed by customer
- Operation **Lux Design**
Standard with 6.5 m cable, earthed plug, on/off function using switch to be installed by customer
- Swivelling lamps on **Light bar Lux Design**
- Light bar is always in one piece
- Light bar is always in one colour
- Fixings (screws and rawlplugs) for wall mounting
- Powder coating in 47 standard colours
- Surface permanently resistant to scratching and weather
- **Light bar Lux Design** comes with special brackets for swivelling the bar

Options

- Remote control
- Light dimming function in combination with remote control

The technical product highlights of the Light bars Lux/Lux Design

The housing

It is made of high quality corrosion-free materials

The powder coating

There are 47 standard RAL colours, 8 trendy conservatory colours for a small additional charge and over 150 additional special RAL colours available.

The lamp housings

are powder coated in the same colour as the bar.

Attachment

The light bars can be affixed easily to the wall using screws and rawplugs under practically any awning.

Operation

Standard operation of the **Light bar Lux** is with a 1 m cable and Hirschmann coupling.

The **Light bar Lux Design** is supplied with 6.5 m mains cable and an earthed plug.

Both light bars are turned on and off using a switch to be installed by the customer.

Halogen lamps

The **Light bar Lux/Lux Design** comes as standard with a number of lamps suitable for the overall width of the bar. The distances between the lamps are such that, depending on the width of the bar, between 3 and 7 lamps are fitted.



Light bar Lux



Light bar Lux Design

Low voltage technology

The electronic IP24 transformer, designed for outdoor use, is also standard. It sits securely and inconspicuously in the bar and so, if necessary, it can be replaced easily.

Its power is adjusted to match the number of lamps. This means that in the event of a bulb failure the power fed by the transformer is adjusted or reduced so that the life of the other lamps is not impaired.

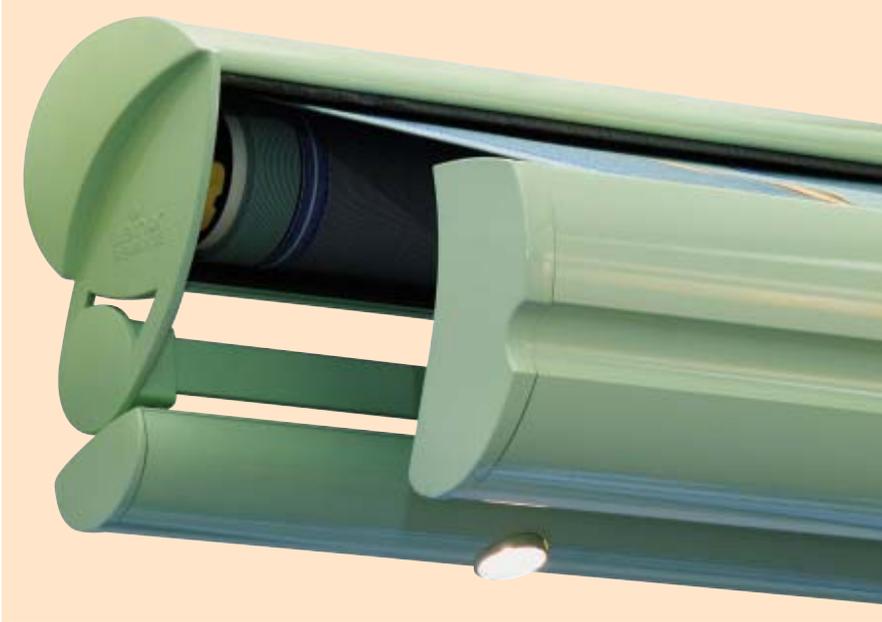
Swivelling lamps

On the **Light bar Lux** they can be turned to the front (e.g. patio) or the back (e.g. window).

With the bracket set (3 brackets) the **Light bar Lux Design** can be fitted so that the entire bar can swivel.

 Halogen lamps and transformer are not covered by the 5 year guarantee.

The product options of the Light bars Lux/Lux Design



Swivelling *Light bar Lux Design* fitted to *weinor Semina*

Easy to operate with remote control

With the appropriate remote controlled receiver from the **WeiTronic** series and the matching **Remoto handheld remote control unit**, the **Light bar Lux/Lux Design** as well as one or more awnings can be operated with just one handheld remote control unit.

Dimming function

With the **WeiTronic Remoto 5 handheld remote control unit**, for example, several receivers, e.g. awning, light bar and the **Tempura heating system** can be controlled and dimmed.

Accessories

Should you want to hide a cable that is outside above the brickwork or plaster or is behind the awning, on request we can supply 2.5 lengths of cable track with adhesive tape.

Additional connection cable is also available on request.

Product benefits at a glance

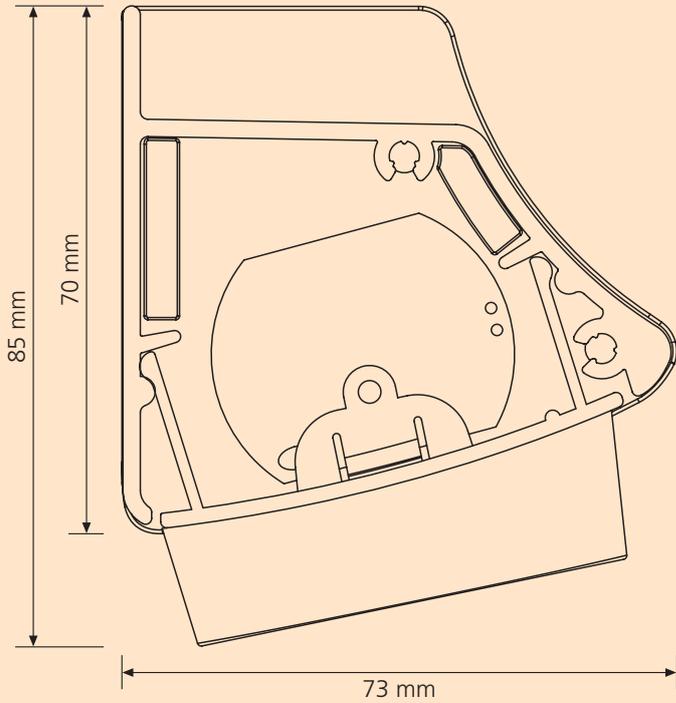
Designation	Material	Surface treatment	Qualities	Your advantages
Housing	Aluminium, extruded	Chrome-free pre-treated and powder coated, splashproof	Highly resistant to breakage, surface permanently resistant to scratching and weather	You choose the powder coating colour for your light bar to suit your personal taste. Pre-treating the housing prevents corrosion, even on damaged surfaces.
Top plates	Cast aluminium	Chrome-free pre-treated and powder coated, splashproof	Highly resistant to breakage, surface permanently resistant to scratching and weather	Pre-treating prevents corrosion, even on damaged surfaces.
Pre-fitted lamp set in low voltage version	With transformer. Power matched to the lamp set concerned. Lamp housing on Light bar Lux in colour of the light bar			In most cases, the Light bar Lux/Lux Design means that no additional patio lighting is necessary.
Screws	Stainless steel		Non-corrosive	No rust, no appreciable wear and tear
Light bar Lux operation	Comes as standard with 1 m cable, Hirschmann coupling, on/off function through switch on building			
Light bar Lux Design operation	Comes as standard with 6.5 m mains cable and earthed plug (IP44), on/off function through switch on building			

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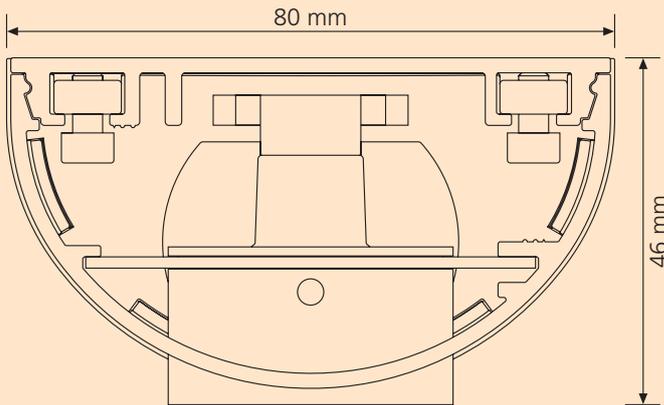
Product options at a glance

Designation	Material	Surface treatment	Qualities	Your advantages
Remote controlled operation plus dimming function	On request the light bar can be supplied with a WeiTronic remote controlled receiver and a WeiTronic Remoto handheld remote control unit . These can be used to dim the light bar infinitely as well as turn it on and off.			

Cross section of the Light bars Lux/Lux Design

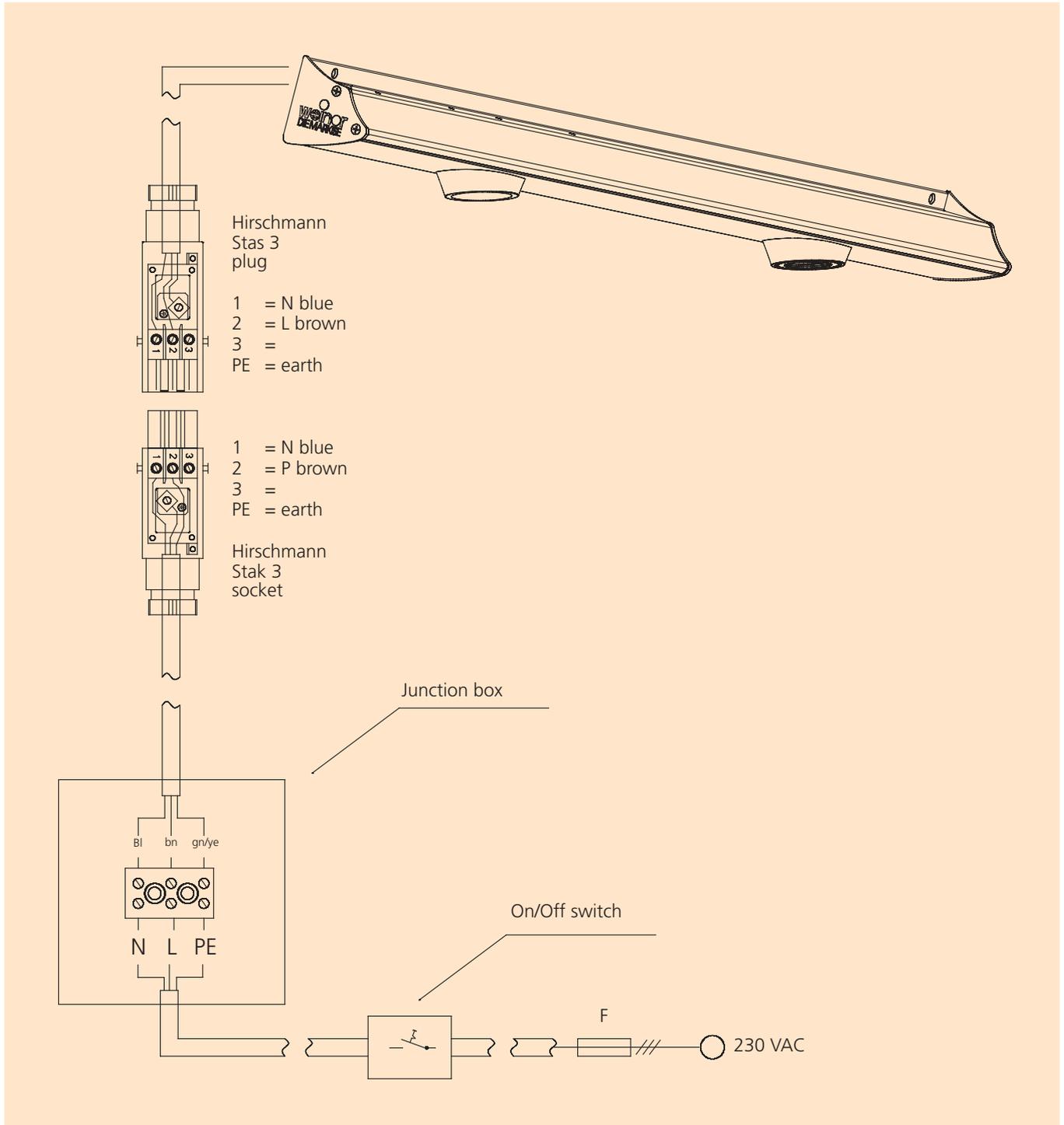


Cross section of Light bar Lux

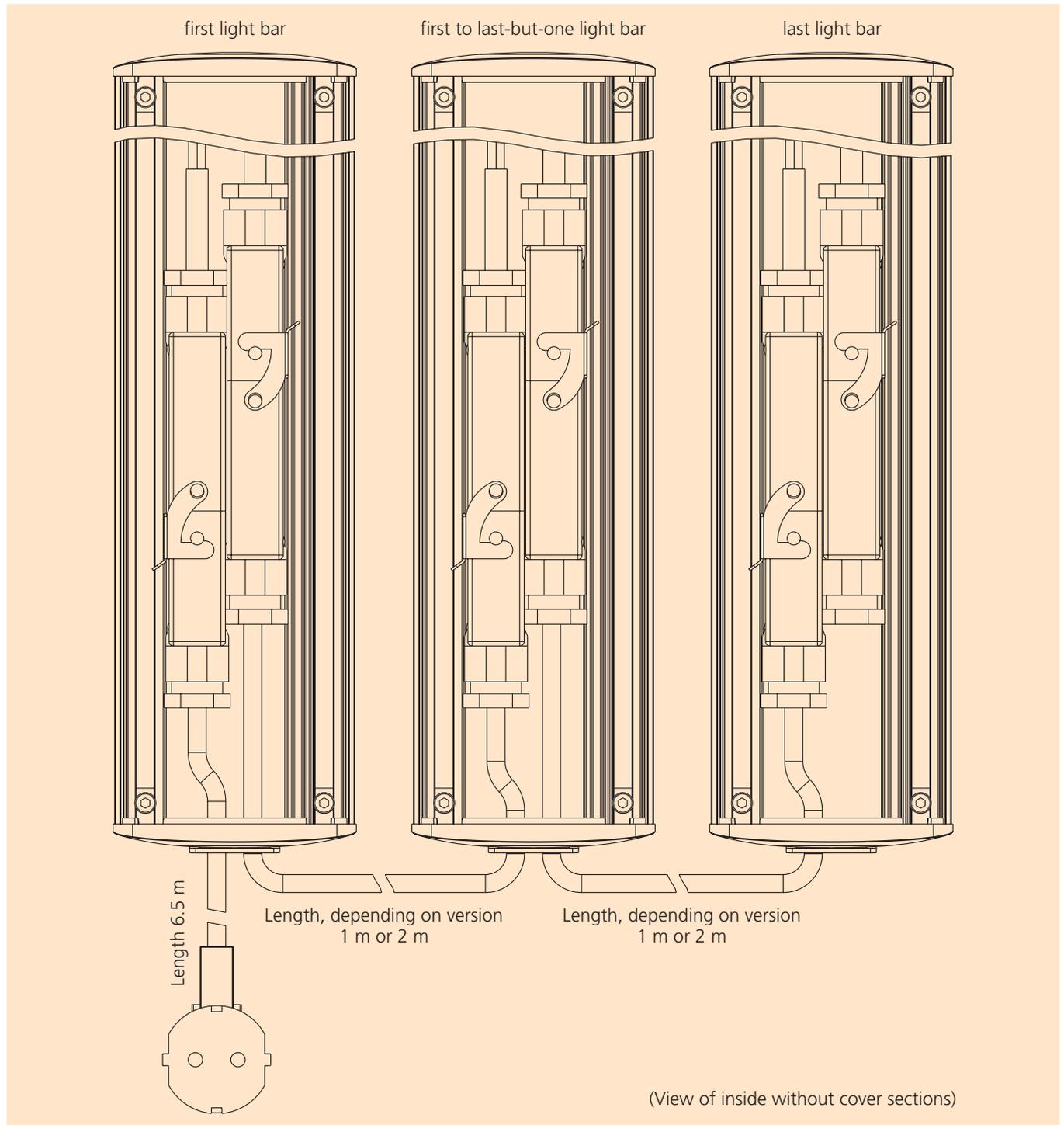


Cross section of Light bar Lux Design

Light bar Lux wiring/connection diagram



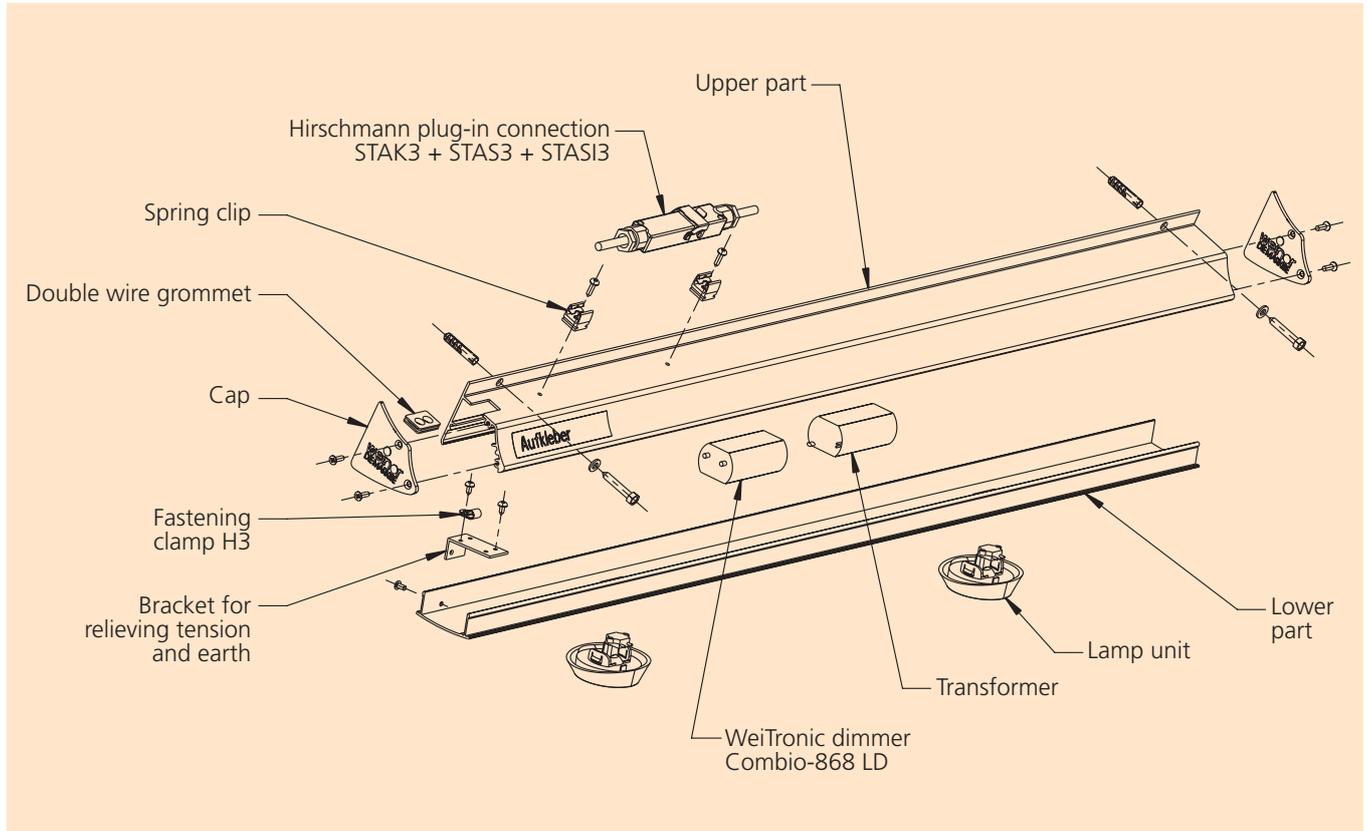
Light bar Lux Design wiring/connection diagram



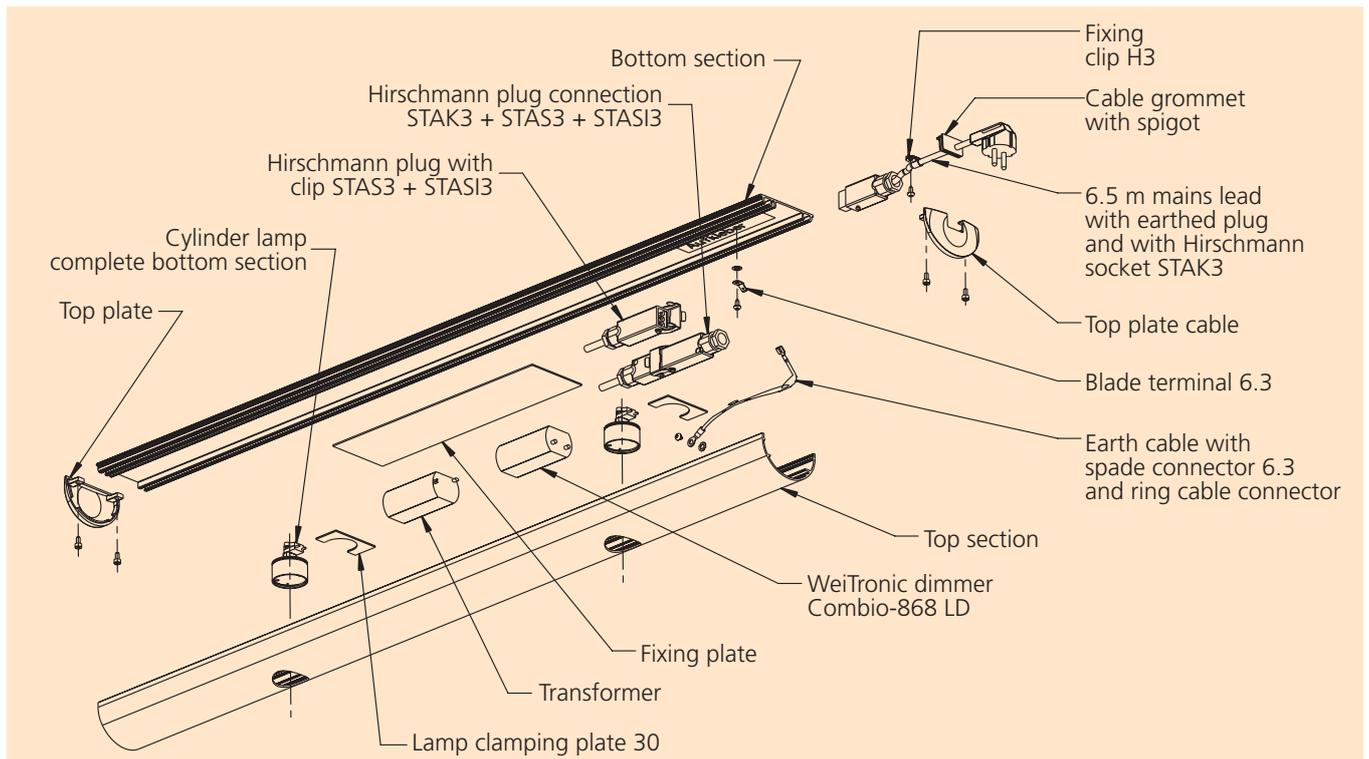
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1. Plug mains lead with free Hirschmann plug into first Light bar Lux Design
2. Plug end of connecting cable externally into the second Hirschmann connector of the same light bar
3. Plug Hirschmann connector of the connecting cable into the Hirschmann plug of the next Light bar Lux Design
4. Repeat steps 2 & 3 for each additional light bar

Exploded drawings of the Light bars Lux/Lux Design



Light bar Lux



Light bar Lux Design

weinor The awning
Fax Cologne: + 49 (0) 2 21/59 70 94 36

Order from (please use rubber stamp)

Customer number

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weinor field sales representative

Order

Date of order

Customer's preferred date of delivery

Delivery address (if different from above)/other

The order is subject to weinor's applicable conditions of supply and payment:

Signature

Fax re-sent

(please copy)

Heating system Tempura

- with universal bracket
- for **Opal** range

Quantity _____

Powder coating

- RAL colour _____
- Trendy conservatory colour/
other structural colour _____

Accessories

- 6.5 m mains connection lead

Remote controlled receiver

- WeiTronic Combio-868 HD 1.5 kW
(remote controlled heating dimmer incl. 6.5 m mains connection lead)
- WeiTronic AstroTec-868
(for timer switching the **Tempura**, in conjunction with a **WeiTronic** remote controlled receiver)

Handheld remote control unit

- WeiTronic Remoto 1 WeiTronic Remoto 5
- WeiTronic Remoto 1M WeiTronic Remoto 5M

Light bar Lux

Light bar Lux Design

Quantity _____ Quantity _____

Width _____ cm Width _____ cm

Powder coating

- RAL colour _____
- Trendy conservatory colour/
other structural colour _____

Cable exit (seen from outside; only **Light bar Lux**)

- left right

Accessories

- Roof fixing set
(only for **Light bar Lux**)
- 2.5 m cable track with adhesive tape
- Adjustable bracket
(only for **Light bar Lux Design**)
- Connecting cable 2 x 1.0 m
(only for **Light bar Lux Design**)

Remote controlled receiver

- WeiTronic Combio-868 LD
(remote controlled lighting dimmer)

Handheld remote control unit

- WeiTronic Remoto 1 WeiTronic Remoto 5
- WeiTronic Remoto 1M WeiTronic Remoto 5M