



**Towering above
the competition
both day and night**

TAKEX
Formerly **PULNiX**

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The Choice of Professionals Worldwide.

Quality, Performance, Reliability

Our number one priority at TAKEEX is quality. Each photoelectric beam sensor shares consistent features and technology whether it is our value priced TK series or our top-of-the-line PB-IN-HF series. The double modulated and pulsed infrared light source provides exceptional resistance to foreign IR light sources or fluorescent light sources that can fool other brands of photo beams allowing potential circumvention. Every single Takex photoelectric beam sensor offers 50,000 Lux of external light rejection reducing potential false alarms due to headlights or sunlight. When perimeter detection in all weather conditions is paramount we make available the COM-IN-50HF combination photoelectric beam & microwave sensor that is not affected by rain, snow or even fog.

All TAKEEX security sensors are made in Japan and we believe that quality control via manufacturing is an absolute priority. Having each sensor manufactured in Japan assures that the expected quality of the product is consistently delivered. Each security sensor is 100% "Hot Tested" prior to shipping, we do not batch test during a manufacturing product run, we hot test each and every sensor to ensure the highest reliability rate. Unlike some of our competitors we do not have a product segment manufactured in China merely to offer a low price higher margin product.

TAKEEX low voltage photoelectric beam sensors offer an operating voltage range of 10V to 30VDC that requires no polarity. Our photoelectric beams are also capable of operating off of AC power if needed. Each photoelectric beam also has a selectable N.O. / N.C. or Form "C" output relay. Our Intelligent Quad series beams have an Environmental Monitoring output in addition to Alarm and Tamper outputs, due to 4-channel frequency selection, they can also be stacked.

In today's perimeter security market you need not only incredible photoelectric beam performance but a reliable tower housing to mount these sensors within. TAKEEX now makes the BT and LT series photoelectric beam towers manufactured in Europe available in North America. Each tower is made of durable polycarbonate, aluminum and stainless steel to provide years of reliable performance. Whether the application is industrial, commercial or upscale residential, TAKEEX has a photoelectric beam tower to suit your needs. Our commitment to you, our customer, is quality products that have unsurpassed performance, reliability and exceptional value.

The legacy of PULNIX is alive and well under the brand name of TAKEEX. We are proud of our past and focused on the future.

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LT-1WM

LT-1

LAMP TOWERS

The LT series beam towers provide discreet use of perimeter photoelectric beams for both residential and commercial security applications. Each Lamp Tower is capable of housing either the TAKEEX TE or TK Twin series photoelectric beams.

Once a Lamp Tower is installed, the camouflaged photoelectric beams become unnoticeable by intruders, as well they do not become an aesthetic concern for the home or business owner. Additionally, the Lamp Towers illumination system provides light to where they have been installed. Lighting system can use low voltage garden lighting or standard high voltage lighting.

TWIN BEAMS

BT & LT Towers Compatible

TE Series Intelligent Small Twin Beams Stack up to 4 Units!

PB-20TE 66' Outdoor / 132' Indoor Range
PB-40TE 132' Outdoor / 264' Indoor Range
PB-60TE 200' Outdoor / 400' Indoor Range

TK Series "Value Priced" Small Twin Beams

PB-30TK 100' Outdoor / 200' Indoor Range
PB-60TK 200' Outdoor / 400' Indoor Range
PB-100TK 330' Outdoor / 660' Indoor Range

BT Towers Compatible

ST Series "Value Priced" Large Twin Beam
PB-100ST 330' Outdoor / 660' Indoor Range

Note: Simulated product images and depicted protection areas are for illustration purposes only.

In partnership
with:



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INFRARED BEAM LANTERN

LT-1WM

TAKEX

CHARACTERISTICS

DISCRETION AND HARMONY

The aesthetic and discreet integration in any environment makes this security solution neither evident nor conspicuous to possible intruders. The provision of light and its deterrence factor is another obvious benefit.

APPEARANCE AND CONSTRUCTION

LT-1WM's external structure is made of a special polycarbonate based on three objectives: to allow the infrared beams to pass through easily, to protect these beams against solar and ultraviolet radiation and to have a strong product able to resist acts of vandalism. The overall appearance is a Black Lantern that disguises the placement of the beams.

LT-1WM's internal structure consists of an extruded aluminum profile, giving total flexibility in the positioning of the Twin infrared beams as well as other accessories such as the thermostat, heaters, etc.

TOTAL FLEXIBILITY

LT-1WM is a product that solves a number of aesthetic problems installers encounter when they offer a perimeter protection system.

The structure comfortably enables the installation of a TAKEX Twin beam unit, in any Tx and Rx combination.

TAMPER PROTECTION

The tops are supplied with a tamper switch as standard to prevent any sabotage.

HEATERS

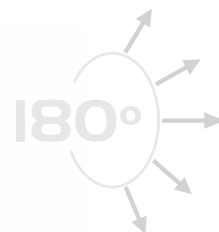
In order to obtain optimal performance in external environments with low temperature conditions and condensation risk, the tower should be fitted with one heater.

MOUNTING KIT

A mounting kit including expandable bolts is included with lamp: Stainless screws, nylock nuts, wall screws, ceramic bulb holder, etc.

An excellent alternative when choosing an infrared beam lantern to protect the close proximity of any building. LT-1WM solves the installation problems often encountered when trying to wall mount on buildings, such as downpipes, bay windows, etc. The LT-1WM can accommodate the TAKEX TE and TK series twin photoelectric beams.

The illumination system provides light where the LT-1WM has been installed.



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LT-1WM

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DIMENSIONS

External pole : Ø10cm. (3.94").
Top cap: 25cm. (9.84").
Height : 58.45cm. (23").
Width: 27.4cm (10.8").
Weight : 4Kg.

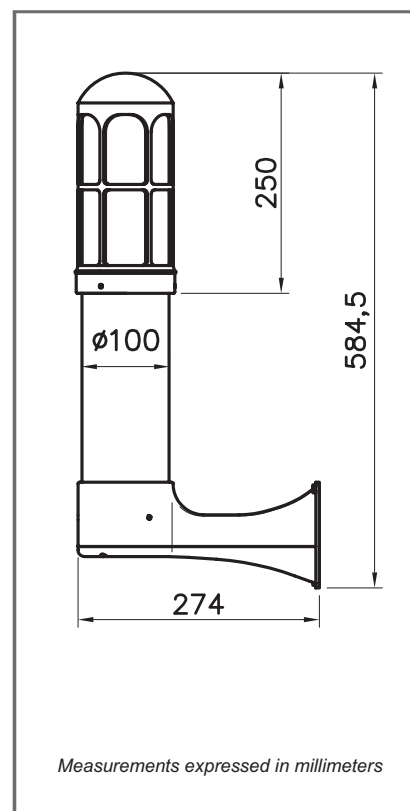
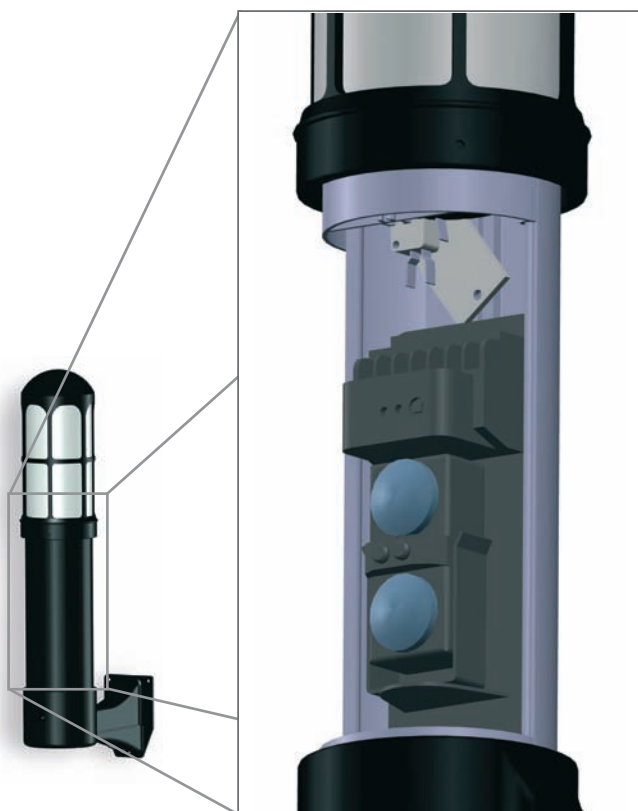
OPTIONAL ACCESSORIES

BT-HK12: Heater kit.

MATERIALS

- Aluminum structure.
- Black Polycarbonate tube with UV treatment.
- ABS fixing support.
- Polycarbonate top cap.
- Ceramic bulb holder.

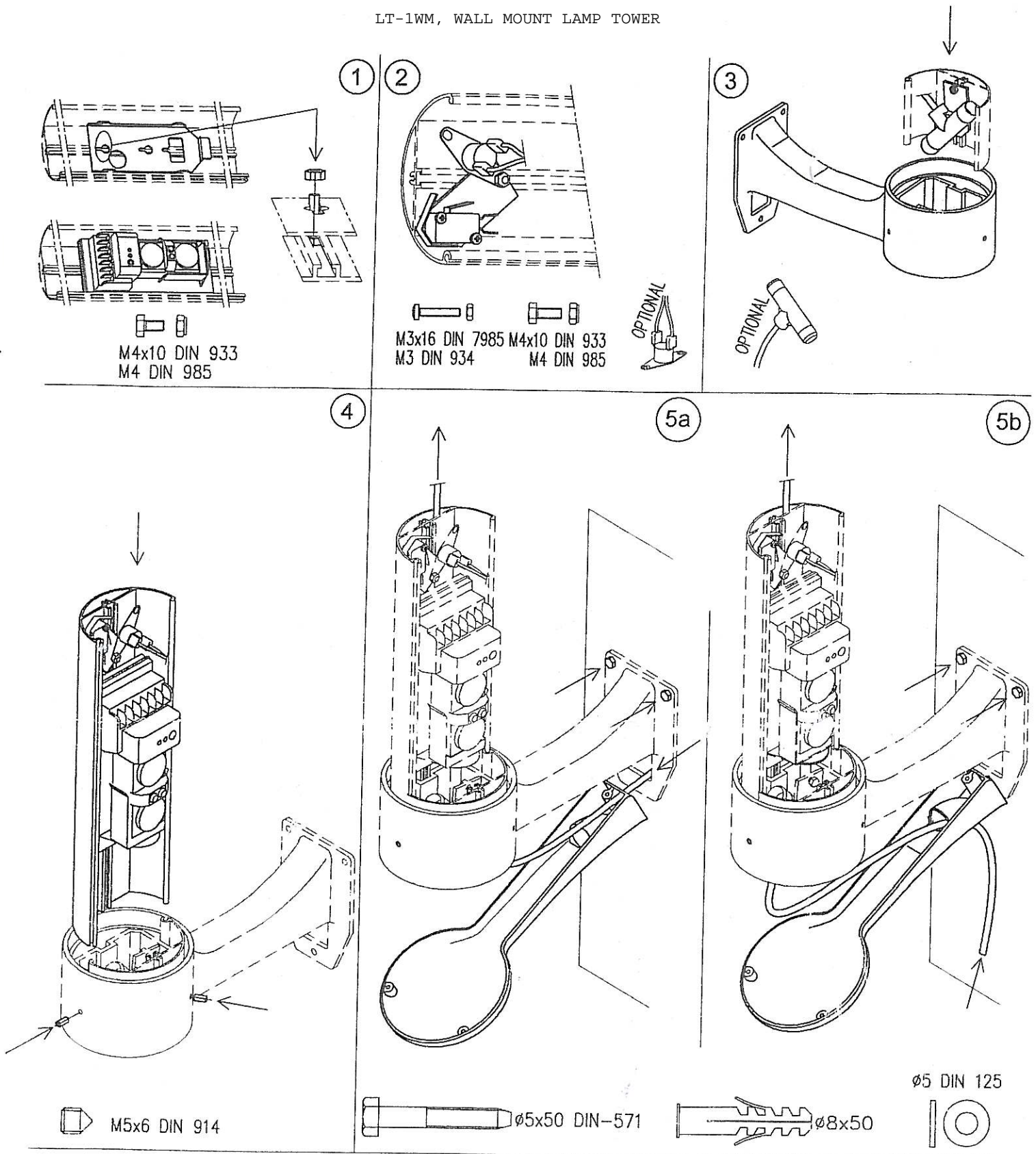
** Bulb not included. Use only **low wattage** bulbs*



Due to on going product improvements, specifications may change without notice.

Note: This sensor is designed to detect movement and to trigger a relay. It is not a burglar-preventing device. TAKEX is not responsible for damages or losses caused by accidents, thefts, acts of God (including inductive lightning), abuse, misuse, abnormal use, faulty installation or improper maintenance.

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1-Fijar placas RX - Tx

2-Fijar tamper(Termostato=opción)

3-Insertar "reuerzo base." en soporte (calefactor=opción)

4-Insertar perfil con Rx-Tx en soporte y en refuerzo base

5-Fijar a pared, insertando cable en tapa inferior + conexiones electricas

a)llegada cable desde pared

b)llegada cable exterior

1-Fix Rx or Tx to the aluminium

2-Fix Tamper(thermostat=option)

3-Insert reinforcement in the support (Heater as an option)

4-Insert profile with Rx or Tx in the support and reinforcement

5-Fix to the wall, insert alarm + electric wire on the bottom cap

a)If the wire comes from the wall

b)If the wire comes from other side

1-Fixer plaque posterieur Rx-Tx

2-Fixer tamper(thermostat=option)

3-Insérer renforcement dans support (chauffer=option)

4-Insérer profil avec Rx-Tx dans support et renforcement

5-Fixer au mur, en insérant câble dans couvercle inf.+connexions électriques

a)si le câble arrive mural

b)si le câble arrive ailleurs

1-Fissare placca posteriore Rx-Tx

2-Fissare tamper(termostato=opzione)

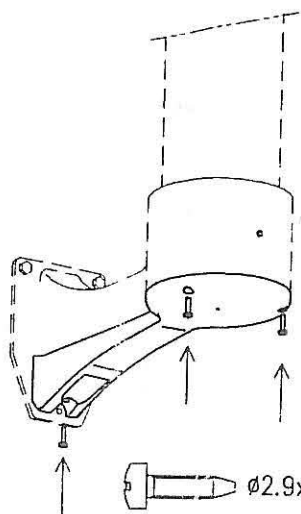
3-Inserire rinforzo nel braccio (riscaldatore = opzione)

4-Inserire profilo con Rx-Tx nel braccio e nel rinforzo

5-Fissare a parete inserendo cavi nel coperchio inferiore+cablaggio:

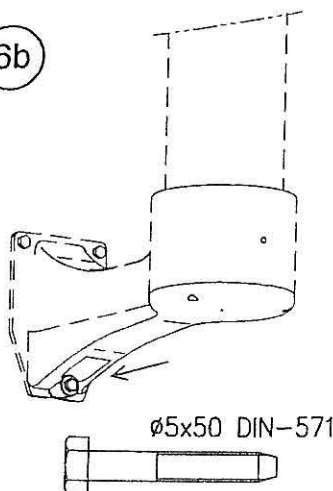
a)se il cavo arriva da parete

b)se il cavo arriva da fuori



6a

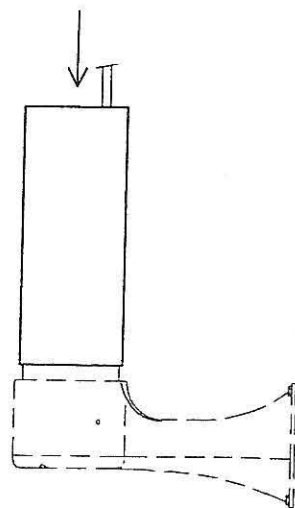
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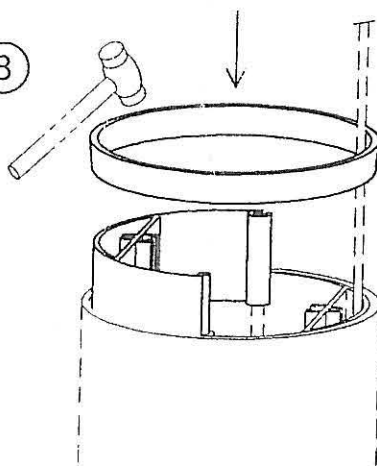
Ø2.9x16 DIN 7981

Ø5x50 DIN-571

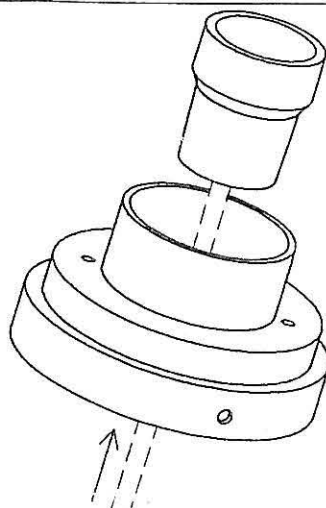
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8



9

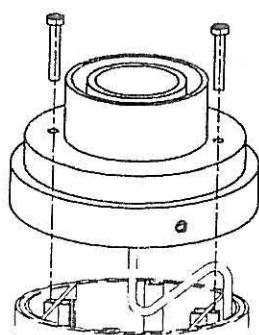


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M4x20 DIN 84

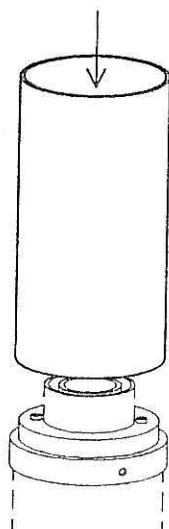
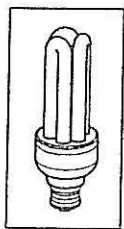
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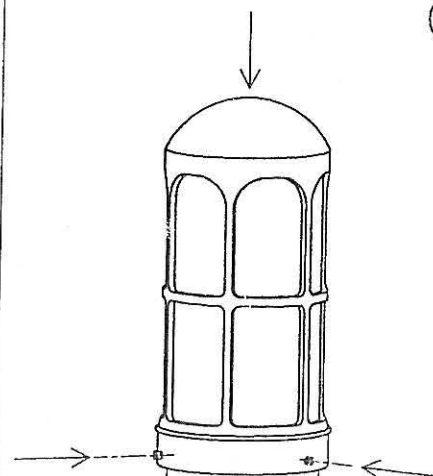
M4x25 DIN 7985

Ø4 DIN 125

12



13



M5x12 DIN 914

6-Fijar tapa interior a soporte

7-Insertar tubo policarbonato

8-Insertar anillo y refuerzo cuello

9-Conexionar el casquillo haciendo pasar el cable por el cuello

10-Fijar casquillo en el cuello

11-Fijar el cuello en perfil y "refuerzo cuello"

12-Insertar tubo PC blanco

13-Insertar tapa y fijarla al cuello

6-Fix the bottom cap to the support

7-Insert the black PC tube

8-Insert ring + neck reinforcement

9-Connect the bulb holder. Wire has to go through the neck

10-Fix the bulb holder to the neck

11-Fix the neck to the aluminium reinforcement and Rx-Tx holder

12-Insert the white PC tube

13-Insert the top and fix it to the neck+structure

6-Fixer couvercle inférieur au support

7-Inserer le tube de polycarbonate

8-Inserer bague et renforcement cou

9-Conectter la porte-lampe en faisant passer le câble dans le cou

10-Fixer la porte-lampe dans le cou

11-Fixer le cou dans le profil et le "renforcement cou"

12-Inserer tube PC blanc

13-Inserer caplet et le fixer au cou

6-Fissare coperchio inf. al braccio

7-Inserire il tubo nero di PC

8-Inserire anello e rinforzo collo

9-Connettere portalampe facendo passare il cavo nel collo

10-Fissare il portalampe nel collo

11-Fissare il collo nel profilo e nel rinforzo collo

12-Inserire tubo bianco di PC

13-Inserire coperchio superiore e fissarlo al collo