# Tubular Weather-proof Luminaire

**ERVAN®**
www.ervan.cn

T60

General Application • Special Application

## SEMI-OUTDOOR

T60
## Tubular Weather-proof Luminaire

150lm/W Ultra Bright

IP69K Water proof

Easy installation

ERVAN13 · D · CLASS I · CE · RoHS · 5 years WARRANTY · RG0 · Dimmable · 1h/3h · WIELAND · OTHER VOLTAGES · PC 850°C IK10 · UV · Rated voltage 220-240V · Frecuency 50-60Hz · +40°C -20°C

# 1.Features

-IP69K / IK10

-Up to 150Lm/w

-Can be wire through

-Respirator design

-Non-flicker available

-Up to 70% energy saving

-PC/PMMA material available

-Fast fit and maintenance-free

-Microwave / Dimmable / Emergency available

-Wide use in commercial and industrial area

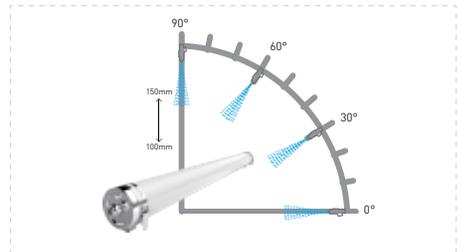| IP69K | IK10 | CLASS I | 5 years warranty | RG0 |

## ❶ Breather valve

## ❼ IP69K/IK10(PC cover)

## ❽ IP69K

## ❹ Fast Fit

## ❺ Fast connector

## ❻ Integrated Design

## 2.Products Series

**A.**

PC
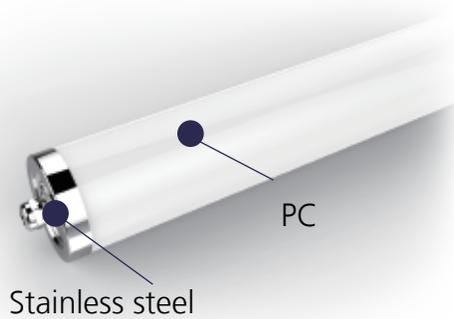
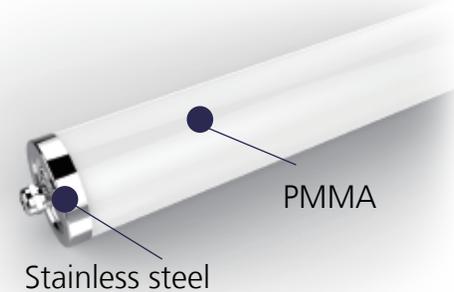Stainless steel

**PC Lampshade** ↑ 90%

**Stainless steel Lamp base**
IK10 IP69K

**Application**

Refrigeration rooms,Train stations,Airports, Car parks,Pools,Warehouses,Food industry, Parking areas,Bus stations

**B.**

PMMA

Stainless steel

**PMMA Lampshade** ↑ 90%

**Stainless steel Lamp base**
IK06 IP69K

**Application**

refrigeration rooms, Food industry, Farms

**C.**

PC

PC

**PC Lampshade** ↑ 90%

**PC Lamp base**
IK08 IP69K

**Application**

Refrigeration rooms,Train stations,Airports, Car parks,Pools,Warehouses,Food industry, Parking areas,Bus stations
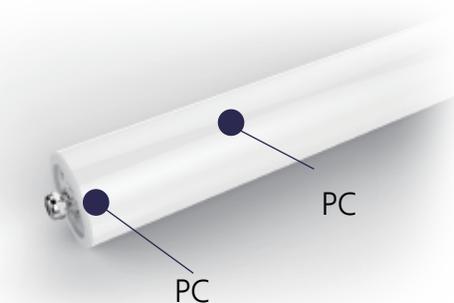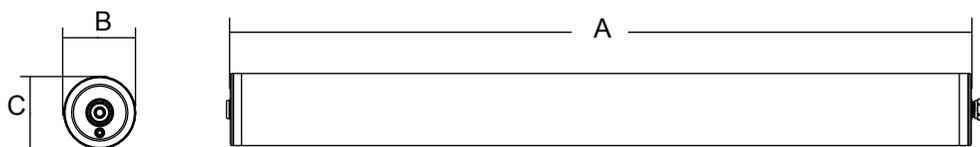
## 3.Product Dimension

| Model NO. | Size A(mm) | Size B(mm) | Size C(mm) |
|---|---|---|---|
| T60 600mm | 2FT(600mm) | 70 | 70 |
| T60 1200mm | 4FT(1200mm) | 70 | 70 |
| T60 1500mm | 5FT(1500mm) | 70 | 70 |

# 4. Parameter

| Model NO. / Length | Power (W) | Clear Lumens | Cover Lm/W |
|---|---|---|---|
| T60 (600mm) | 20 | 2600 | 130 |
| T60 (1200mm) | 36 | 4680 | 130 |
| T60 (1500mm) | 48 | 6240 | 130 |

Dimmable  Motion sensor

Notes:
• Frosted cover is 10Lm/W less than clear cover
  Above lumens based on 4000K    Ra：80
• All values in +25°C ambient temperature,
  luminous flux tolerance +-10%, output power tolerance +-5%.

AC Input：220-240V  50/60Hz
Light Source：2835
CRI Range：80
CCT Range：WW(3000K) NW(4000K) DW(5000K) CW(6500K)
Light Efficiency：130Lm/W, 150Lm/W
Beam Angle：120°
Size(mm)：70(W)*70(H)
Waterproof：IP69K & IK10(PC Cover)
Recommended Installation Height：2-8M
PF:≥0.93    THD<20%    Power Efficiency:≥0.90
Temperature：(Storage：-40~+85°C) (Operating：-20~+40°C)
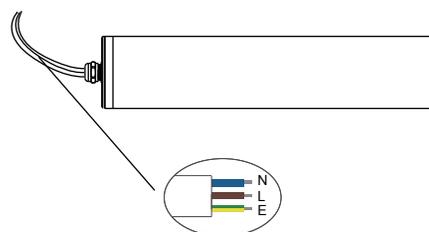
# 5.Accessory part number matrix

01    02    03    04

## Mounting Accessories

| Accessories | IMAGE | DESIGNTION | MATERIAL | DESCRIPTION | QUANTITY | ACCESSORY USE |
|---|---|---|---|---|---|---|
| Standard | 01 | Metal Bracket | Stainless steel | 82X78X20mm | 2PCS | Used of Suspending and ceiling mounted. |
| Standard | 02 | Screw | Stainless steel | 4X20mm | 2PCS | Used of ceiling mounted. |
| Optional | 03 | Suspending Cable | Stainless steel | 1M/1.2M/1.5M/3M | 2PCS | Used of suspending. |
| Optional | 04 | Anti-theft clips | Stainless steel | 95X80X13mm | 2PCS | Used of Suspending and ceiling mounted. |

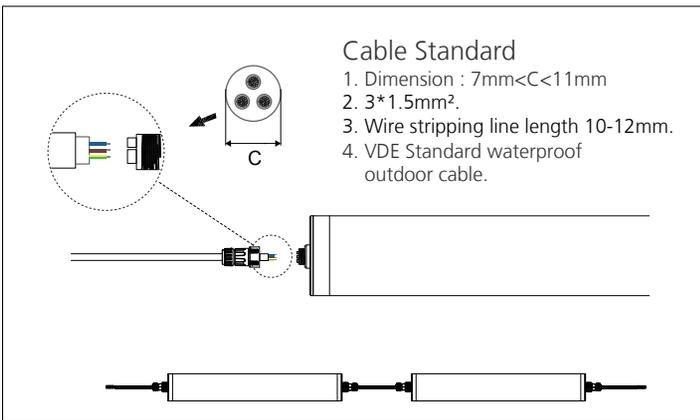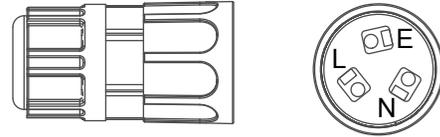# 6.Standard Installation
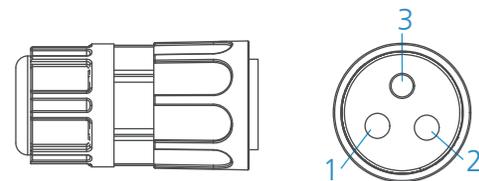
■ Standard

Note:
Brown "L"
Blue "N"
Green+Yellow "E"

## ■ Linkable 1

### Cable Standard
1. Dimension : 7mm<C<11mm
2. 3*1.5mm².
3. Wire stripping line length 10-12mm.
4. VDE Standard waterproof outdoor cable.

C

| Input Voltage | Length (mm) | Max Qty | Size C (mm) |
|---|---|---|---|
| 230VAC/20W | 600 | 35 | optional |
| 230VAC/36W | 1200 | 19 | optional |
| 230VAC/48W | 1500 | 14 | optional |

## ■ Linkable 2
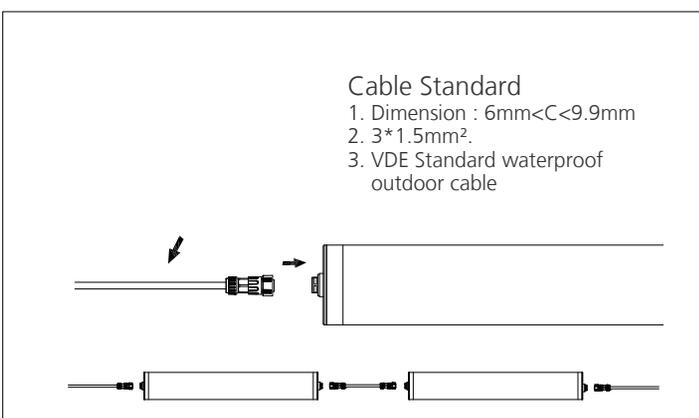
3

1    2

Note:
1 - - - - - - → "N"
2 - - - - - - → "L"
3 - - - - - - → "E"

### Cable Standard
1. Dimension : 6mm<C<9.9mm
2. 3*1.5mm².
3. VDE Standard waterproof outdoor cable

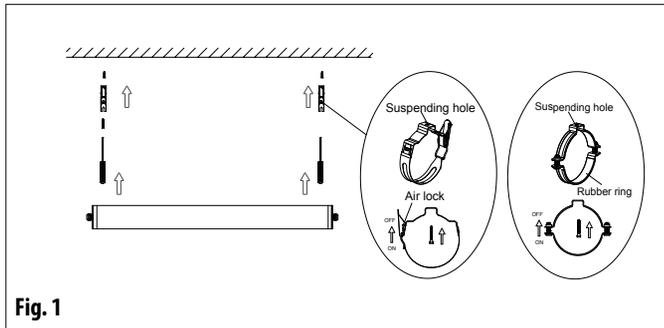| Input Voltage | Length (mm) | Max Qty | Size C (mm) |
|---|---|---|---|
| 230VAC/20W | 600 | 35 | optional |
| 230VAC/36W | 1200 | 19 | optional |
| 230VAC/48W | 1500 | 14 | optional |

# 7. Installation



**Fig. 1**

**① Ceiling Mounted**

A : Make a right position and screw hole

B : Screw the clip on the ceiling tightly

C : Install the lamp into the clips.
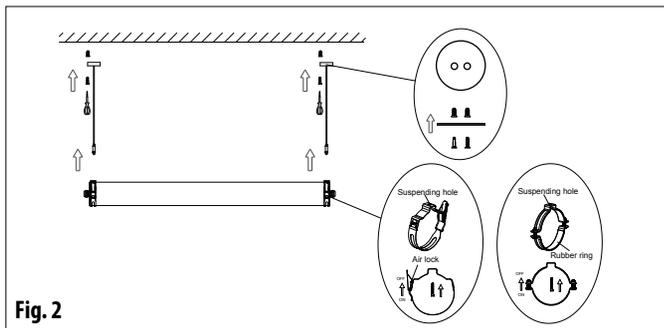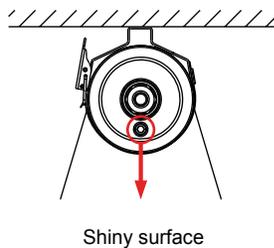
D : Adjust the position of the fixture and clean it..



**Fig. 2**

**② Suspending**

A : Make a right position and screw hole

B : Screw the steel cable onto the ceiling

C : Hung the fixture under the steel cable and secure the fixture by steel cable
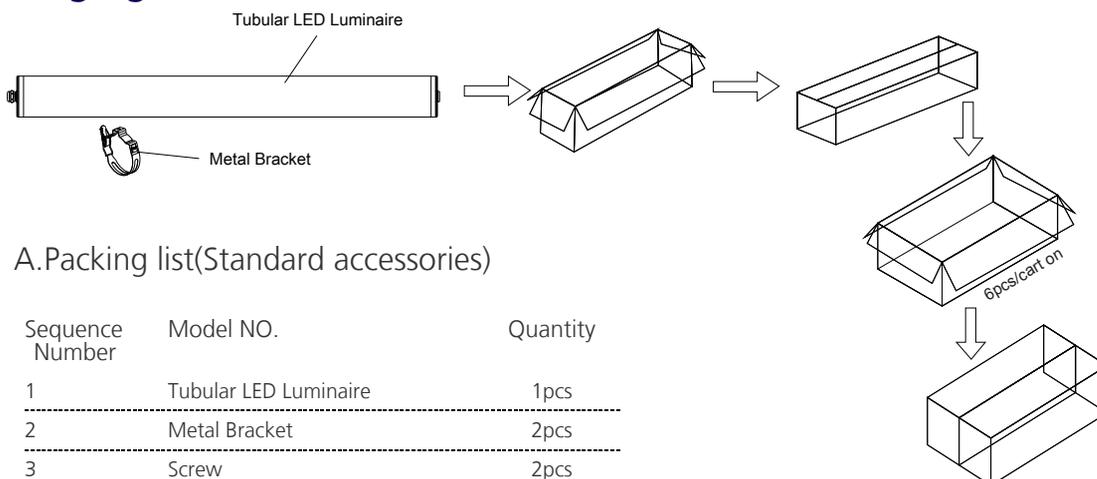
D : Adjust the position of the fixture and clean it..



Shiny surface

■ Please Note:All the operations must be in the condition of power off

■ The luminaires are intended for indoor use or under shelter for outdoor use.

# 8.Packaging



Tubular LED Luminaire

Metal Bracket

6pcs/cart on

## A.Packing list(Standard accessories)

| Sequence Number | Model NO. | Quantity |
|---|---|---|
| 1 | Tubular LED Luminaire | 1pcs |
| 2 | Metal Bracket | 2pcs |
| 3 | Screw | 2pcs |
| 4 | Manual | 1pcs |

B.Packing Data

| Model No | Single Box | Pcs/CTN | N.W./Panel(kg) | G.W./CTN(kg) | Meas(mm) |
|----------|-----------|---------|----------------|--------------|----------|
| T60 600mm | 1 | 6 | 1.02 | 8.0 | 818x321x188 |
| T60 1200mm | 1 | 6 | 1.7 | 13.2 | 1418x321x188 |
| T60 1500mm | 1 | 6 | 2.0 | 15.2 | 1718x321x188 |

# 9. Attention

This specification is for reference only,we reserve the right to change without notice.If you need the updated info,please contact local distributors or visit our website  at  http://www.ervan.cn
This product is non-resistant to some chemical substances,please contact the manufacturer for the details.

ERVAN reserves the right of final explanation.

# 10. Statement

According to the International Standard of LED luminaire, here ERVAN formally claims that ERVAN LED Tri-proof(Weather proof) series products is only allowed to be applied to indoor or semi-outdoor neutral environment. Meanwhile ERVAN promises full warranty for the products.

Any severe environment application including high/low temperature, high humidity, high salinity, high-ammonia etc..is not permitted without the official confirmation from the manufacturer. If any misapplication happens, the warranty policy is no longer guaranteed.