

# Weatherproof Industrial Luminaire

LTC Tube LED (T60)

Refrigeration rooms • Food industry • Pools

CALL US ON **1300 832 372**



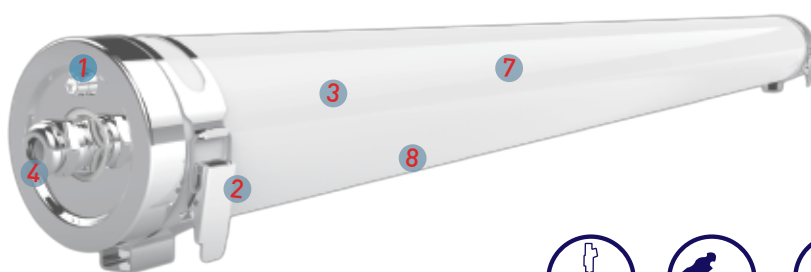
Tubular LED Weatherproof Light



160lm/W Ultra Bright  
IP69K Water proof  
Easy installation

# 1.Features

- IP69K / IK10
- SDCM 3 or 6
- Up to 150Lm/w
- Can be linkable
- Respirator design
- Non-flicker available
- Up to 70% energy saving
- PC/PMMA available
- Fast fit and zero maintenance
- 76,000h ( L70B10 / Ta 25 C ) ,5 years warranty
- Wide use in commercial and industrial area
- Match International Food Safety (IFS), BRC and HACCP
- 850 C degree glow wire test available



IP69K



IK10



CLASS I



5 years  
warranty



RG0

1 Breathing apparatus



2 Metal Bracket



3 PC/PMMA cover



4 Fast Fit



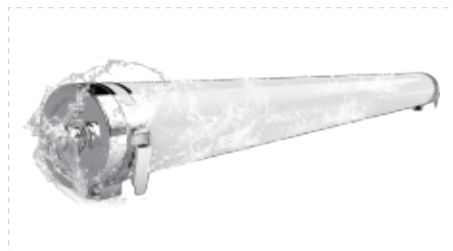
5 Fast connector



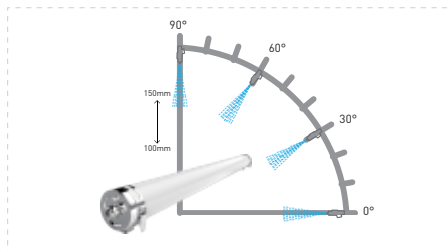
6 Integrated Design



7 IP67/IK10(PC cover)

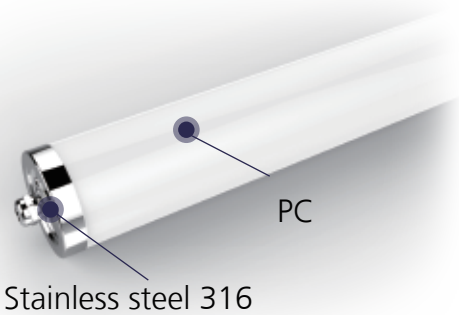


8 IP69K

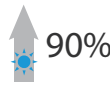


## 2.Products Series

A.



PC Lampshade

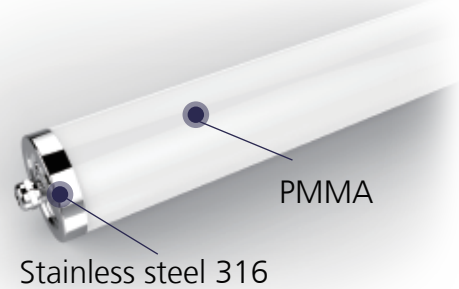


Stainless steel 316  
Lamp base  
IK10 IP69K

Application

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

B.



PMMA Lampshade

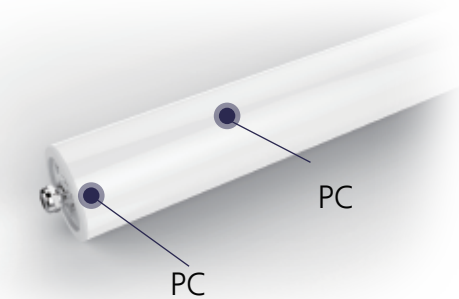


Stainless steel 316  
Lamp base  
IK07 IP69K

Application

refrigeration rooms, Food industry, Farms, Car wash

C.



PC Lampshade

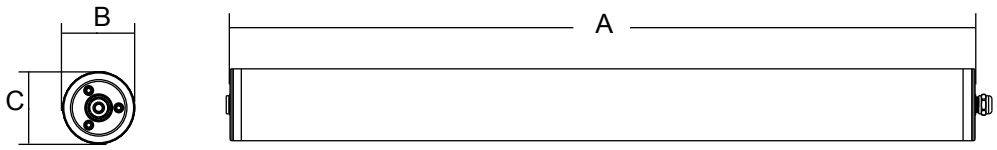


PC Lamp base  
IK10 IP69K

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 900mm	3FT(900mm)	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 (900mm)	30	3900	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 +5%, output power tolerance +5%.

AC Input : 220-240V 50/60Hz

Light Source : 2835

CRI Range : 80 / 90 / 95 SDCM<3 or 6

CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K)

Light Efficiency : 130Lm/W, 160Lm/W

Beam Angle : 120°

L70B10 @Ta 25°C: 76000h L70B50 @Ta 25°C: 86000h

Size(mm) : 70(W)\*70(H)

Waterproof : IP67 & 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



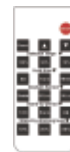
01



02



03



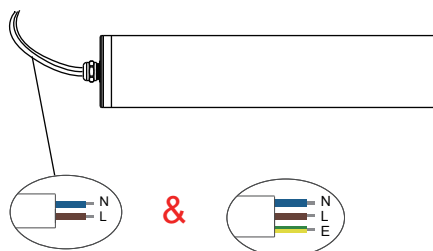
04

### Mounting Accessories

Accessories	IMAGE	DESIGNTION	MATERIAL	DESCRIPTION	QUANTITY	ACCESSORY USE
Standard	01	Metal Bracket	Stainless steel	82X78X20mm	2PCS	Used for the absorption of Suspending and ceiling mounted.
Standard	02	Screw	Stainless steel	4X20mm	2PCS	Used for the absorption of ceiling mounted.
Optional	03	Suspending Cable	Stainless steel	1M/1.2M/1.5M/3M	2PCS	Used for the absorption of suspending.
Optional	04	Remote control	PC	Control range 14x3M	1PCS	You can control the use of multiple lamps.

## 6. Standard/Motion sensor Installation

### ■ Standard



Note:

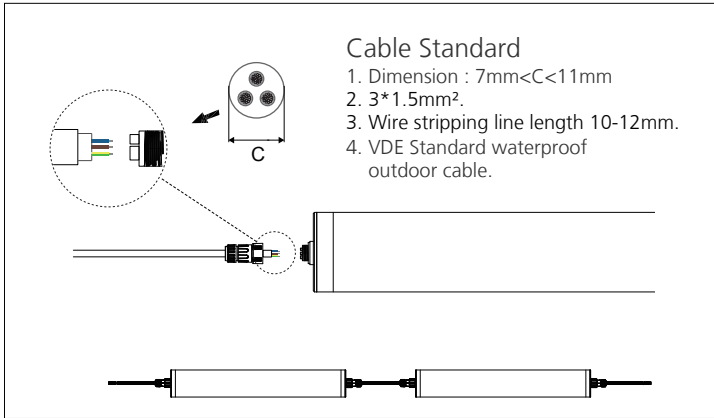
Brown“L”  
Blue“N”

&

Note:

Brown“L”  
Blue“N”  
Green+Yellow“E”

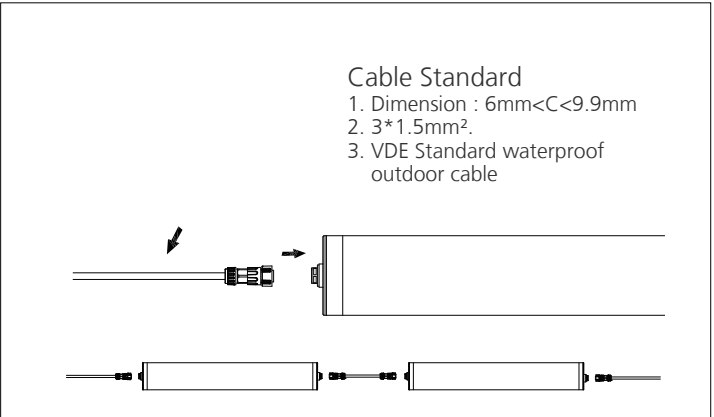
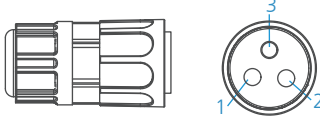
■ Linkable 1



- Cable Standard**
- 1. Dimension :  $7\text{mm} < C < 11\text{mm}$
  - 2.  $3 \times 1.5\text{mm}^2$ .
  - 3. Wire stripping line length 10-12mm.
  - 4. VDE Standard waterproof outdoor cable.

Input Voltage	Length (mm)	Max Qty	Size C (mm)
230VAC/20W	600	35	optional
230VAC/30W	900	23	optional
230VAC/36W	1200	19	optional
230VAC/48W	1500	14	optional

■ Linkable 2



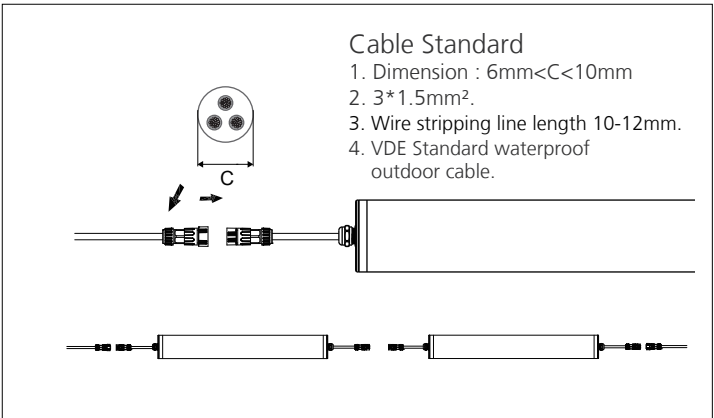
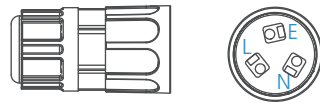
- Cable Standard**
- 1. Dimension :  $6\text{mm} < C < 9.9\text{mm}$
  - 2.  $3 \times 1.5\text{mm}^2$ .
  - 3. VDE Standard waterproof outdoor cable

Note:

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

Input Voltage	Length (mm)	Max Qty	Size C (mm)
230VAC/20W	600	35	optional
230VAC/30W	900	23	optional
230VAC/36W	1200	19	optional
230VAC/48W	1500	14	optional

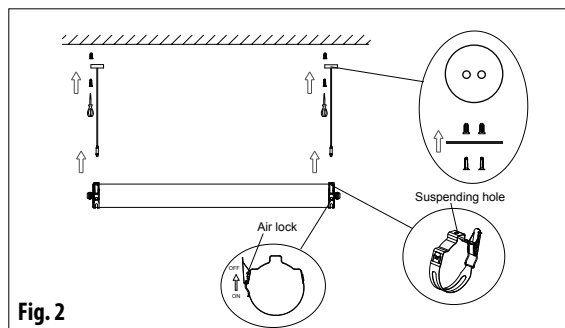
■ Linkable 3



- Cable Standard**
- 1. Dimension :  $6\text{mm} < C < 10\text{mm}$
  - 2.  $3 \times 1.5\text{mm}^2$ .
  - 3. Wire stripping line length 10-12mm.
  - 4. VDE Standard waterproof outdoor cable.

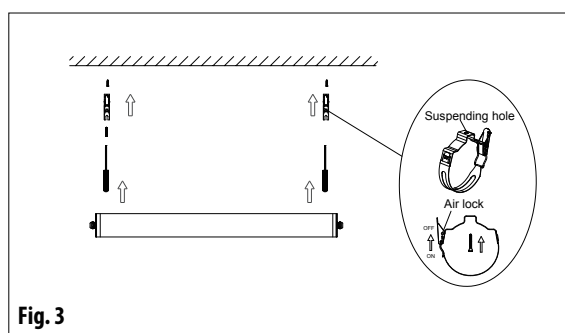
Input Voltage	Length (mm)	Max Qty	Size C (mm)
230VAC/20W	600	35	optional
230VAC/30W	900	23	optional
230VAC/36W	1200	19	optional
230VAC/48W	1500	14	optional

## 7. Suspending and Ceiling Mounted Installation



### 2a 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..



### 3a 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..

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



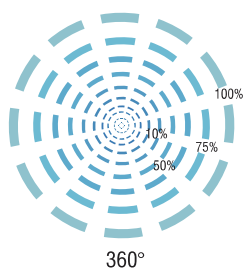
■ The luminaires are intended for indoor use or under shelter for outdoor use.

## 8. Motion sensor Installation

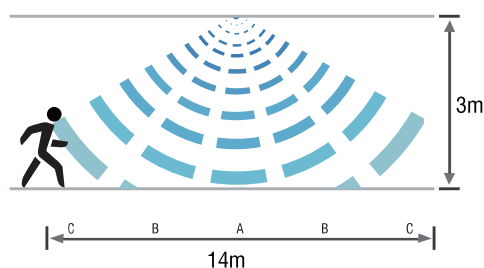
### 1. Detection coverage

#### Ceiling Mounted

##### Top View

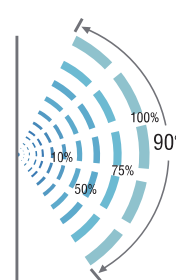


##### Side View

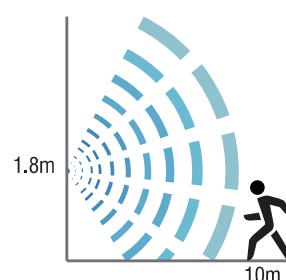


#### Wall Mounted

##### Top View



##### Side View

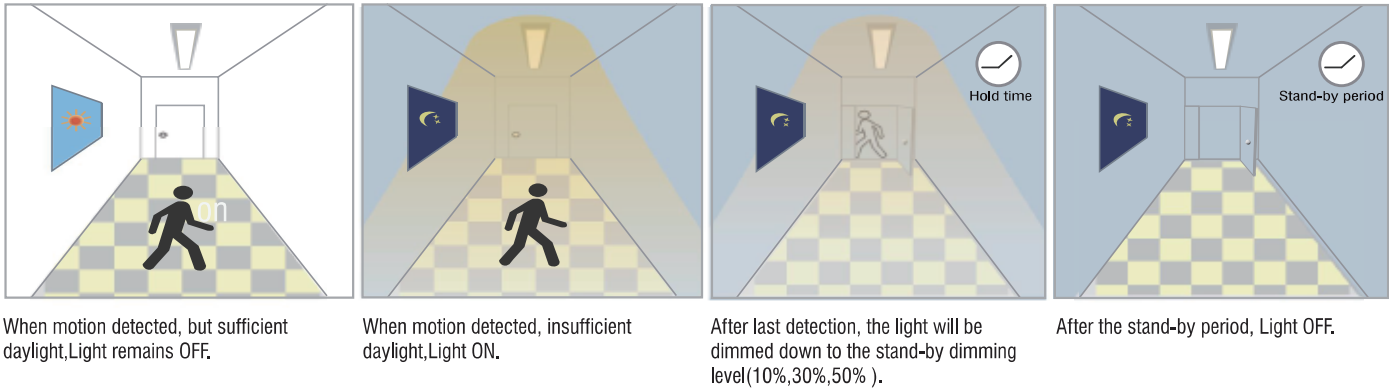


NOTE: Above detection coverage is recommended actual coverage may vary depending on luminaire configuration and environmental conditions

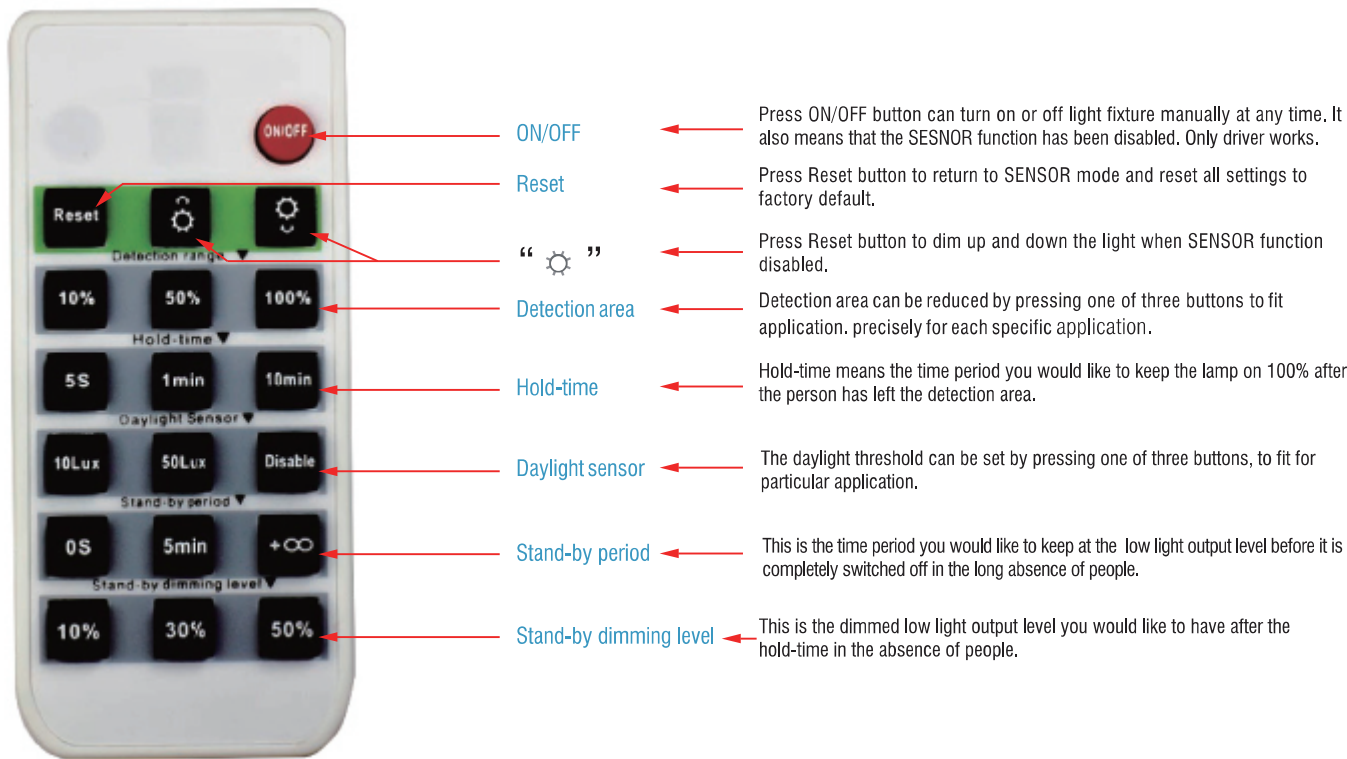
## 2. Application

The HT57V can be used to directly control the connected light by sensing the presence and movements of the occupant without requiring unobstructed line-of-sight. It perfectly can be mounted inside of an enclosed lighting fixture for beautiful and elegant fixture design, and also makes the sensor suitable for applications such as an open office with partitions, a library reading area with cubicles, a restroom with stalls, etc.

### Function Demo - Dimmable control/ Corridor function



## 3. Remote control operation

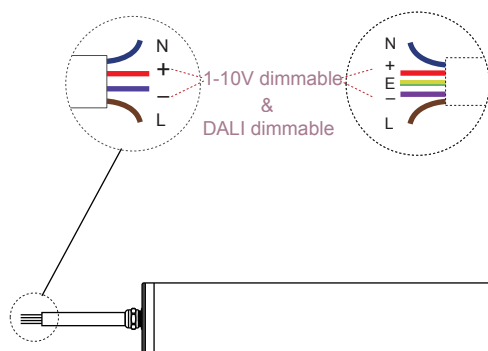


## 4. Microwave Parameter

Detection area	10%/50%/100%
Hold-time	5s/ 60s/ 10min
Daylight threshold	10Lux /50Lux /Disable
Stand-by period	0s/5min / + ∞
Stand-by dimming level	10%/30%/50%
Microwave frequency	5.8GHz +/- 75MHz
Microwave power	<1W
Detection angle	30°~150°
Detection range	Max (ΦxH): 14m x 8m



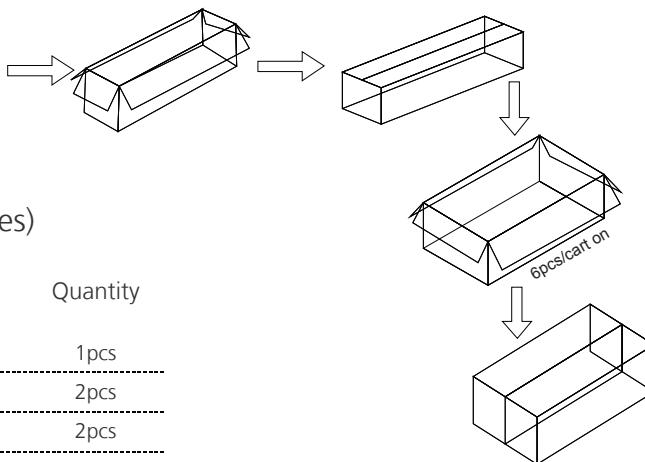
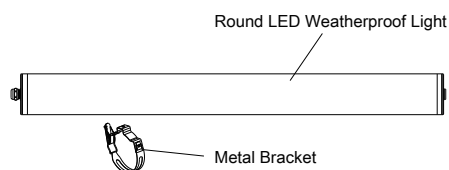
## 9. Dimmable Installation



### Note:

Purple 1-10V “-”  
 Red 1-10V “+”  
 Brown “L”  
 Blue “N”  
 Green+Yellow “E”

## 10. Packaging



### A. Packing list(Standard accessories)

Sequence Number	Model NO.	Quantity
1	Round LED Weatherproof Light	1pcs
2	Metal Bracket	2pcs
3	Screw	2pcs
4	Manual	1pcs

### B. Packing Data

Model No	Single Box	Pcs/CTN	Meas(mm)
T60 600mm	1	6	818x321x188
T60 900mm	1	6	1018x321x188
T60 1200mm	1	6	1418x321x188
T60 1500mm	1	6	1718x321x188

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