

Datasheet

T6 LED Tube

General:95-105LM/W Premium:120-130LM/W

CE RoHS 60% energy saving 50,000 hours life 5 years warranty

• Product Features

> Special design for G5 cap
> Up to 60% energy saving
> 50,000 hours life span
> 5 years warranty

• Product Picture



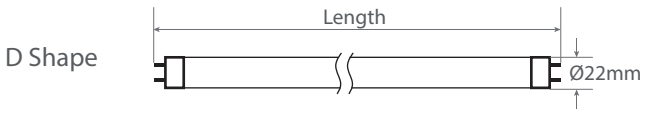
• Options

> Lumen efficacy: General:95-105LM/W,
Premium:120-130LM/W
> Cap ring color:Various color
> PC cover:Clear or frosted
> Pink color for meat

• Applications

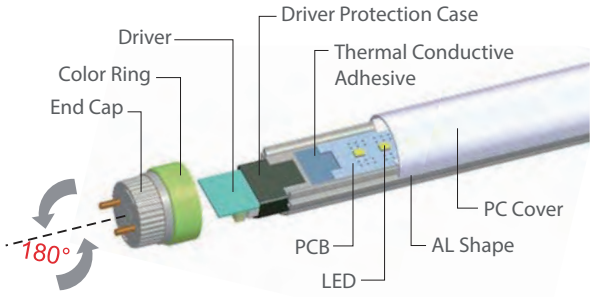
> Industrial Lighting: Factory, Warehouse, etc
> Commerical Lighting: Office, Super-market
Hotel, Exhibition hall etc
> Public Lighting: Residence, Library, Hosptial
School,MTR station, Bus station,
Train station,Airport ,etc

• Dimension



Type	60cm/2ft	120cm/4ft	150cm/5ft
Length	549±1mm	1148±1mm	1449±1mm

• Exploded View



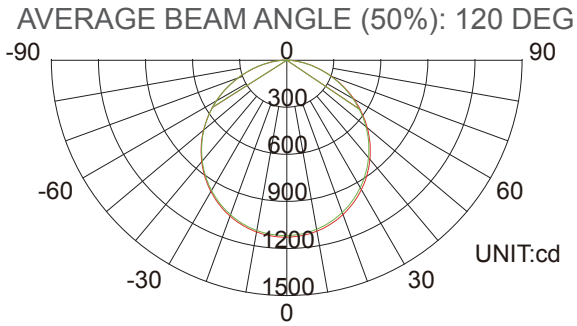
• Product code policy

T6 XX -XX X XX - X X X X X- XXX

01 02 03 04 05 06 07 08 09 10 11

01. Product category: T6: T6 Tube
02. Product dimension: eg: 04:120cm/4ft
03. Rated power: eg: 10: 10W; 30: 30W
04. Luminous Efficacy: G:General 95-105LM/W
05. Color Temperature: eg:N1: 4000~4500K
06. Product version: D: D version shape
07. Structural function: M:Milky cover
08. Electrical function:N:ON-OFF
09.Power attribute:6:AC100-277V Flicker power drive
10.Power supply manufacturer
11.Series No.: 001-499.

• Photometry Curve



• Technical / Electrical Characters (at TA=25°C)

Item	Symbol	General :95-105LM/W					Premium:120-130LM/W				
Dimension	W	L=60CM	L=120CM	L=150CM	L=150CM	L=150CM	L=60CM	L=120CM	L=150CM	L=150CM	L=150CM
Rated Power	/	10W	18W	22W	25W	30W	10W	18W	22W	25W	30W
Product Code	D Shape	T602-10GN1 -DMN6B-001	T604-18GN1 -DMN6B-001	T605-22GN1 -DMN6B-001	T605-25GN1 -DMN6B-001	T605-30GN1 -DMN6B-001	T602-10PN1 -DMN6B-001	T604-18PN1 -DMN6B-001	T605-22PN1 -DMN6B-001	T605-25PN1 -DMN6B-001	T605-30PN1 -DMN6B-001
Lumen Efficacy	LM/W	Clear:typ.105LM/W Frosted:typ.95LM/W					Clear:typ.130LM/W Frosted:typ.120LM/W				
Luminous Flux	Clear	typ. 1050	typ. 1900	typ. 2300	typ. 2600	typ. 3150	typ. 1300	typ. 2350	typ. 2850	typ. 3250	typ. 3900
	Frosted	typ. 950	typ. 1700	typ. 2100	typ. 2350	typ. 2850	typ. 1000	typ. 2150	typ. 2650	typ. 3000	typ. 3600
Power Factor	PF	PF>0.95									
Color Temperature	TC (K)	WW: 2500-4000K, NW: 4000-5000K PW: 5000-6000K, CW: >6000K									
Beam Angle	Degree	120 degree									
LED forwarder current	mA	Constant 45mA									
Input Voltage	V	AC100-277V/50Hz									
Working Voltage	V	Constant DC36-40V									
Housing material	/	Aluminum +PC									
Socket / Diameter	/	Rotatable G13/ D26mm									
Protection Class	IP	IP20									
Temperature	˚C	Operation : -10˚C~+40˚C Storage: -30˚C~+60˚C									
Life Span	h	50,000 hours									
Warranty	/	5 years									

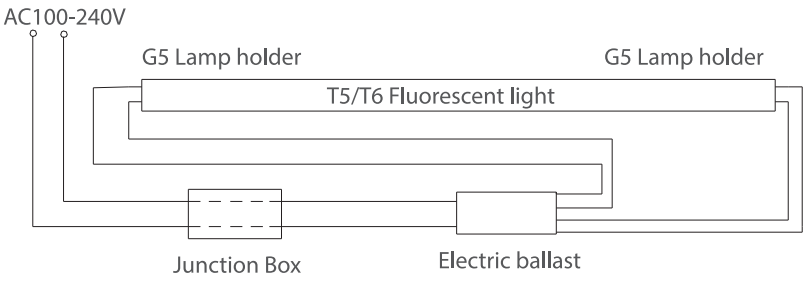
• ErP Technical Specification

Item	Symbol	Specification / Data
Color Index	CRI	Ra>80 , R9>0
Luminous Efficacy	Lm/W	General :typ.95-105LM/W Premium:typ.120-130LM/W
Color consistency in level	/	Max. 6SDCM
THD	%	<15%
Starting Time	S	<0.5S
Switching Cycle before Failure	/	>200,000 times
Premature failure rate @1000h	/	0
Lumen Maintenance @ 6000h	%	>80%

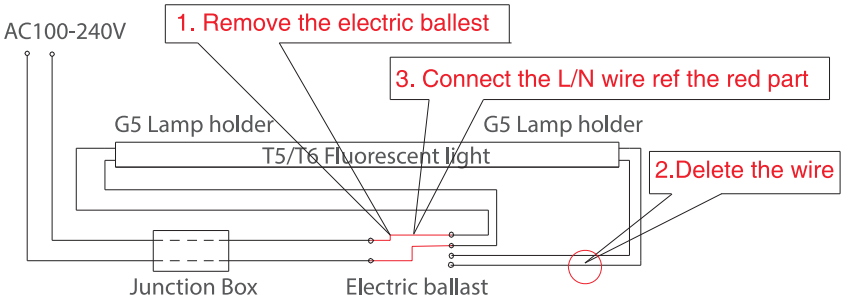


• Wiring diagram

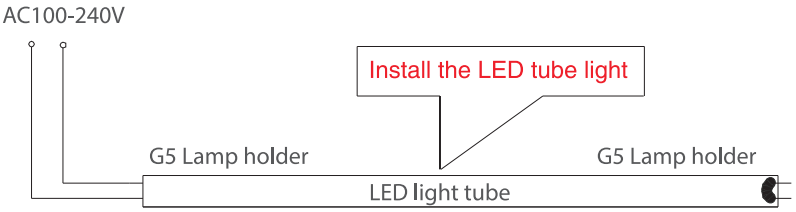
Step1



Step2



Step3



• Package

Product Type	Rated Power	Inner Box	Outer Carton	Qty/Carton	Unit N.W	G.W/Carton
L=600mm/2ft	10W	570 x 28 x 28mm	1150 x 155 x 160mm	50Pcs	165g	12.5Kg
L=1200mm/4ft	18W/20W	1170 x 28 x 28mm	1180 x 155 x 160mm	25Pcs	250g	12.5Kg
L=1500mm/5ft	22W/25W/30W	1470 x 28 x 28mm	1480 x 155 x 160mm	25Pcs	320g	14.2Kg

CAUTION

※ In case of electric shock, please make sure the power is off before installation.

※ The lamp should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.

※ Do not use sharp tools near or on the surface of the lamp.

※ Unpack and examine the product carefully. Report any damage and save all packing materials if any portion of the product was damaged during transportation.