



YJ-T8CA120WW T8 Tube Specification

1. Features:

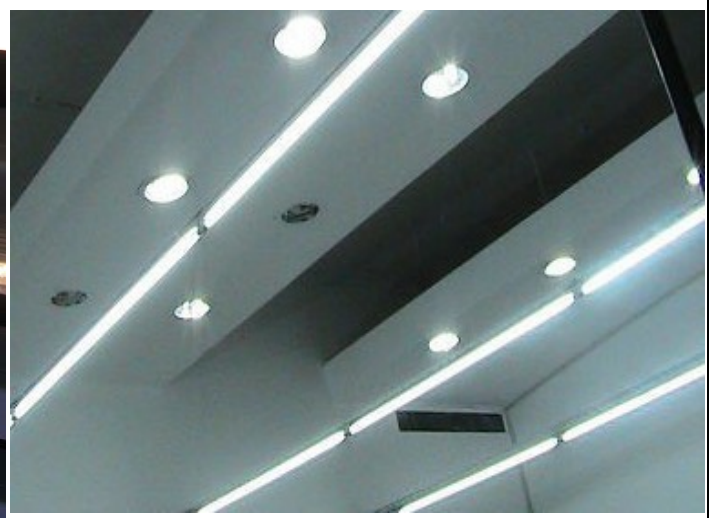
1. Input voltage: AC90-260V
2. Current: DC 240mA
3. Net weight: 368g
4. Power consumption: 8.8W
5. Light sources: 120 pieces of 3528 SMDs
6. Emitting colors: warm white, pure white, cool white, red, green, blue and yellow
7. Luminous intensity: R (96-150LM), G (360-480LM), B (96-156LM), Y (96-150LM), W (600-720LM), WW (540-660LM), CW (600-780LM)
8. Power external and with 1/2 PC cover and 1/2 aluminum body.
9. Length: 607mm

Picture:



2, Using pictures:

Using sample photos:

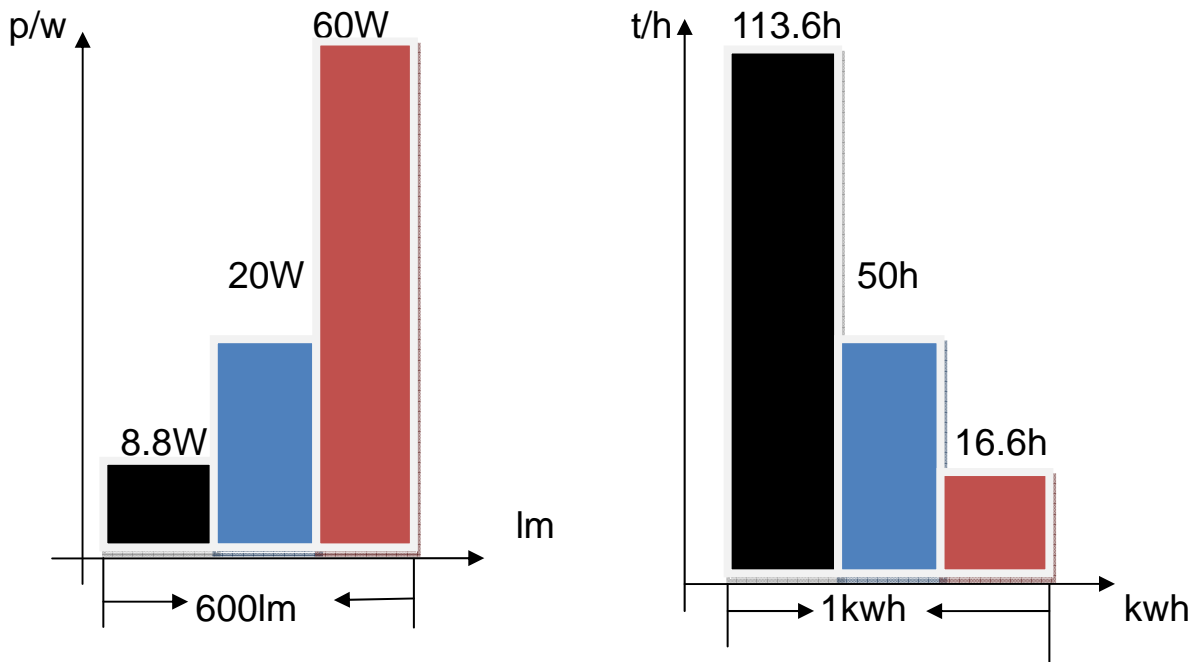




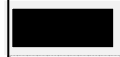
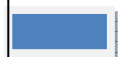
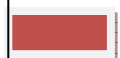
3. Traditional tube and LED lamp performance comparison:

Compare projects \ Tube type	Incandescent (60W)	T8 Light bulbs (0.6M)	T8 LED bulbs (0.6M)
Working life	1000-2000H	3000-5000H	30000-50000H
Luminance	600LM	600LM	600LM
Power dissipation	60W	20W	8.8W

Schematic:

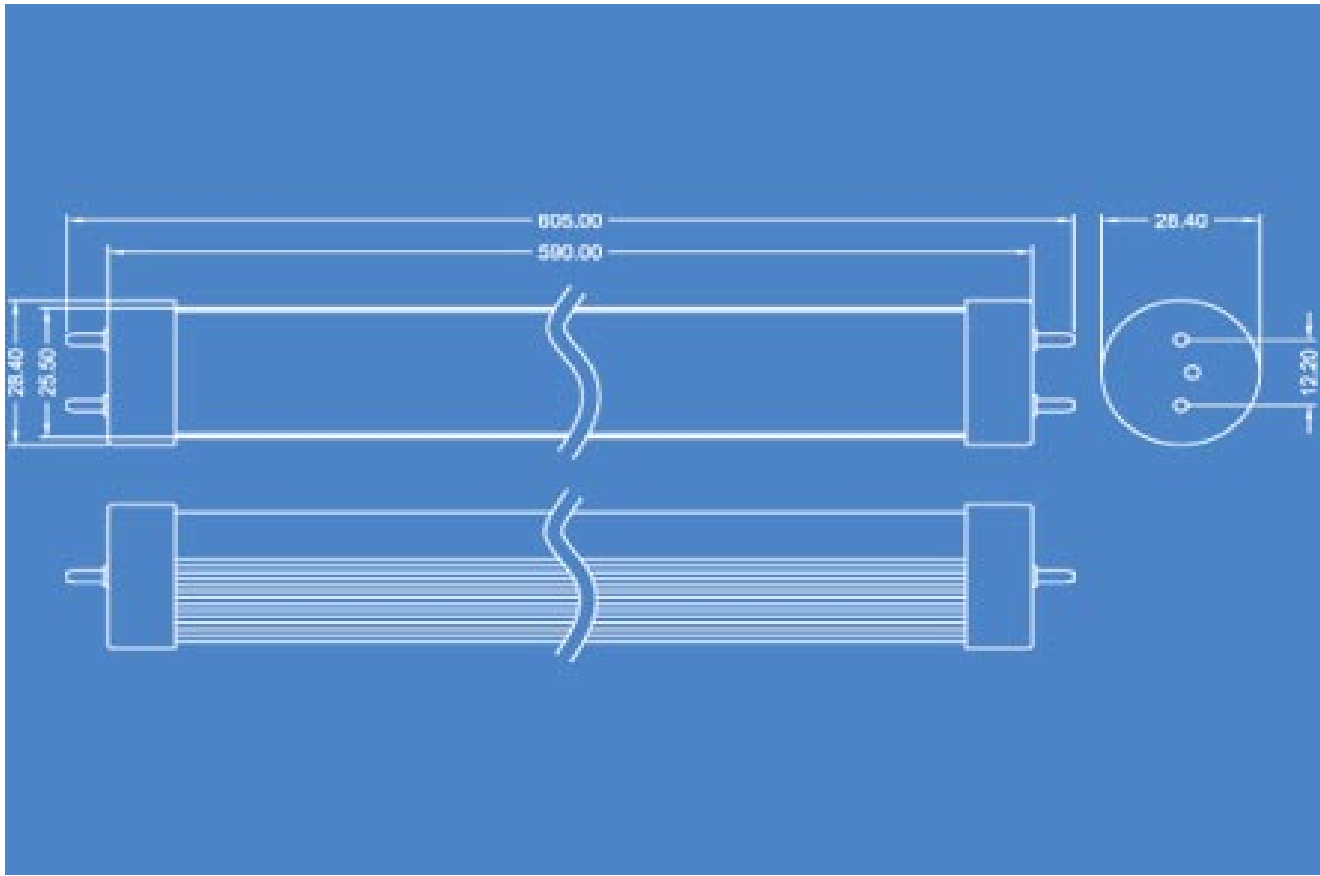


Explain:

-  → 1.2M T8 LED bulbs
-  → 1.2M T8 Light bulbs
-  → 60W Incandescent



5, Package Dimensions (mm):



6, Absolute Maximum Rating at TA=25°C:

Part Number	Emitting Color	Input Voltage	Wattage	Color Temperature (k)		PMMA Cover	LED Quantity	Luminous Intensity(Lm)	
				MIN	MAX			MIN	MAX
YJ-T8CA120WW	Warm white	AC90~ 260V 50-60 HZ	8.8W	2700	4500	1/2 Stripe 1/2 Al	120pcs	540	660
YJ-T8CA120PW	Pure white		8.8W	5000	6500		120pcs	600	720
YJ-T8CA120CW	Cool white		8.8W	7000	12000		120pcs	600	780
YJ-T8CA120R	Red		8.8W	/	/		120pcs	96	150
YJ-T8CA120G	Green		8.8W	/	/		120pcs	360	480
YJ-T8CA120B	Blue		8.8W	/	/		120pcs	96	156
YJ-T8CA120Y	Yellow		8.8W	/	/		120pcs	96	150

**7. YJ-T8CA120WW Characteristic:****LIGHT EMITTING DIODE LAMPS****Absolute maximum ratings****(Ta=25°C)**

	Symbol	Value	Unit
Forward current	If	20	mA
Reverse voltage	Vr	5	V
Power dissipation	Pd	72	mW
Operating temperature range	Top	-25~+80	°C
Storage temperature range	Top	-30~+80	°C
Peak pulsing current (1/8 duty f=1KHz)	If	125	mA

8. Electrical Draft: TA=25°C unless otherwise specified

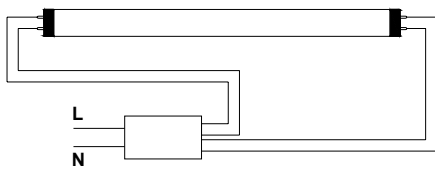
Item \ Explain	Conduction	Min.	Typ.	Max.	Unit.
Power dissipation	AC90~260V,120LED	8	8.8	9	W
Power factor	AC90~260V ,120LED	98		99	%
Power conversion efficiency	AC90~260V ,120LED	70	80	85	η
Center illumination	AC90~260V 120LED Height=2.5m		20		lux



9, Installtion:

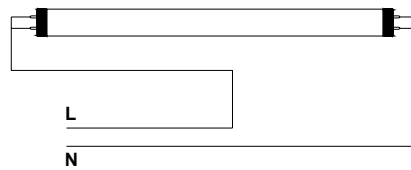
Replace Method: (Note: It's an electronic start up tube light. The ballast must be taken out before using.
Direct replacement is not allowed.)

1. First remove the fluorescent tubes from the lamp stent.
2. Remove the ballast and the starter: if it's an electronic ballast, please remove it in accordance with the figure① and figure②. Figure① is the former circuit and figure② is the updated circuit; if there are the inductance ballast and the starter, please remove them in accordance with the figure③ and figure④. Figure③ is the former circuit and Figure④ is the updated circuit. Be sure to use this LED energy-saving lamp according to the circuit of Figure② or the circuit of Figure④.
3. Install the LED energy-saving lights at the original location of the fluorescent tubes.(Notice: The light must install downward)
4. Rotate the tube lightly and make illumination angle good.

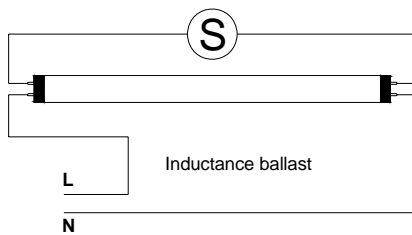


Electronic ballast

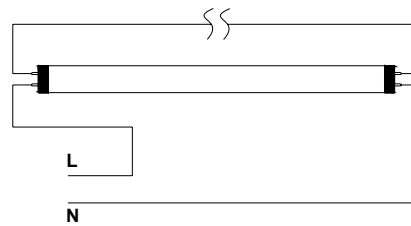
① Circuit of electronic fluorescent



② Circuit of LED energy-saving lamp

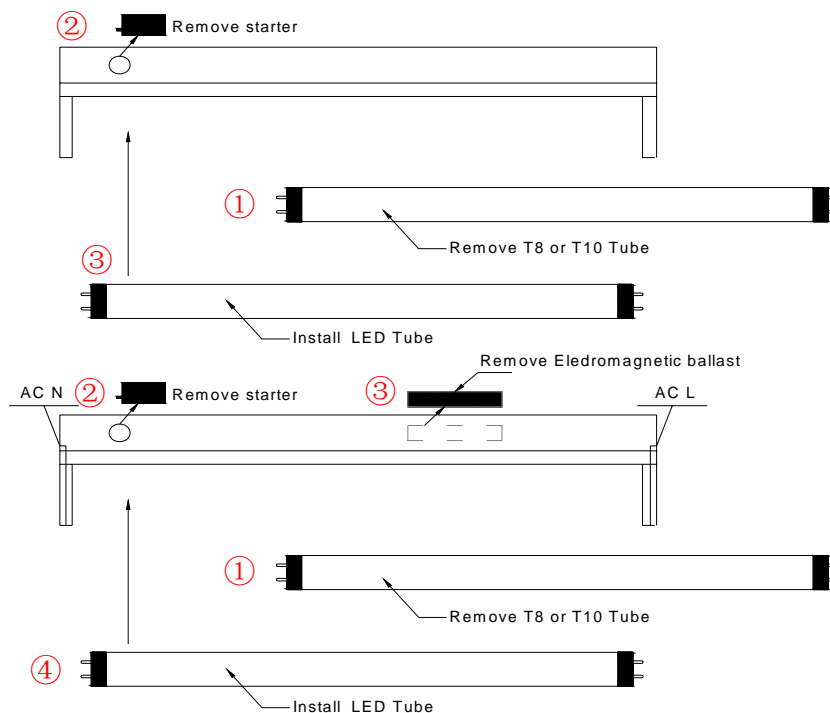


③ Circuit of inductance fluorescent



④ Circuit of LED energy-saving lamp

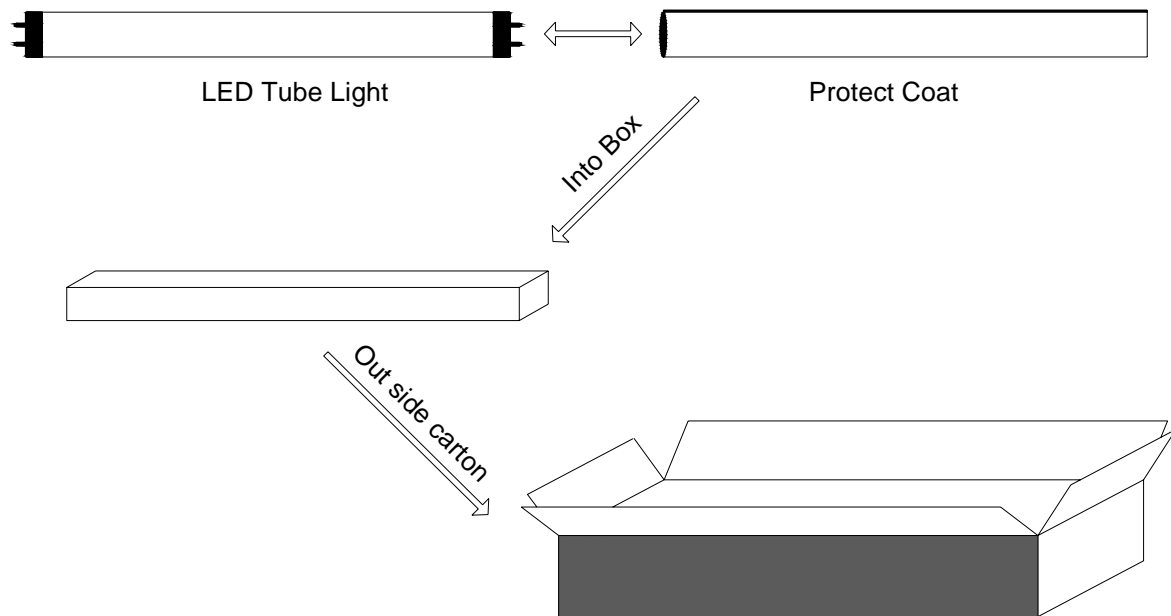
Or for easily install





11. Package Information:

Protect Coat Size (cm)	Qty/ Protect coat (PCS)	Into Box Size (cm)	Qty/Into BOX	Outside coat Size	Qty/ Outside coat	Total Weight (kg)
124*4*4	2	124*22*4.2	10	124*22*17.5	40	17



12. After-sales service:

All products have one year quality guarantee under right and normal using condition. Quality warranty is based on correct conservation, assemblage, use and maintenance. In case problem within promised time, "Aglare" will solve it by repair, substitute accessories or replace at your option. Upon exceeding the promised time, there will be material and maintenance fees to be paid.