



SHENZHEN AGLARE LIGHTING CO., LTD. 1 / 6

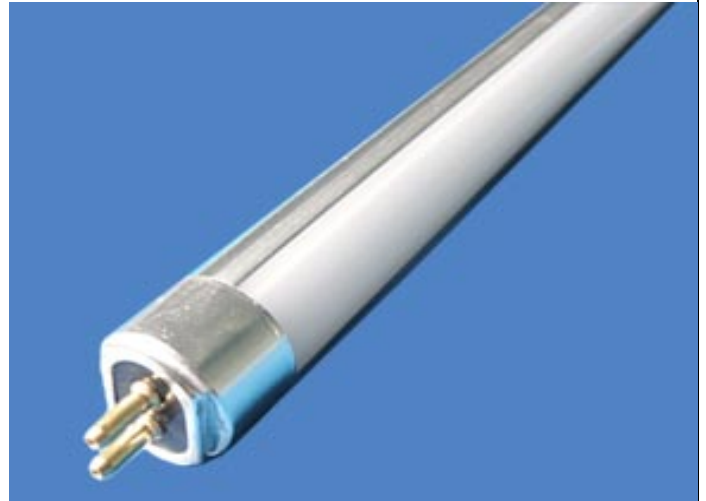
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Add: Factory A, Supply and Marketing Cooperative Park Guanlan Avenue, Guanlan Town Bao'an District, Shenzhen City, Guangdong, China

YJ-T5DA192W T5 Tube Specification

1. Features:

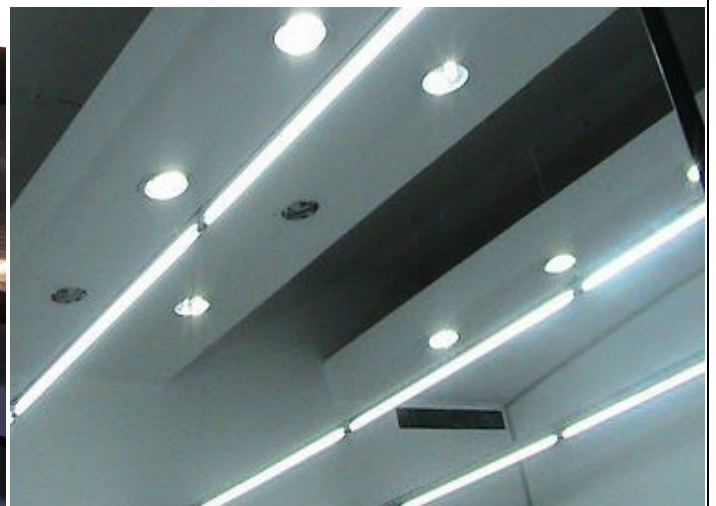
1. LED tube light
2. Input voltage: 90 to 260V AC
3. Net weight: 217g
4. Power consumption: 11W
5. Light sources: 192 pieces of 1210 SMDs
6. Current: 300mA
7. Emitting colors: warm white, pure white, cool white, red, green, blue and yellow
8. Luminous intensity: R(153-240LM), G(576-768LM), B(153-249LM), Y(153-240LM), W(960-1152LM), WW(768-960LM), CW(960-1248LM)
9. Length: 1215mm

Picture:



2, Using pictures:

Using sample photos:

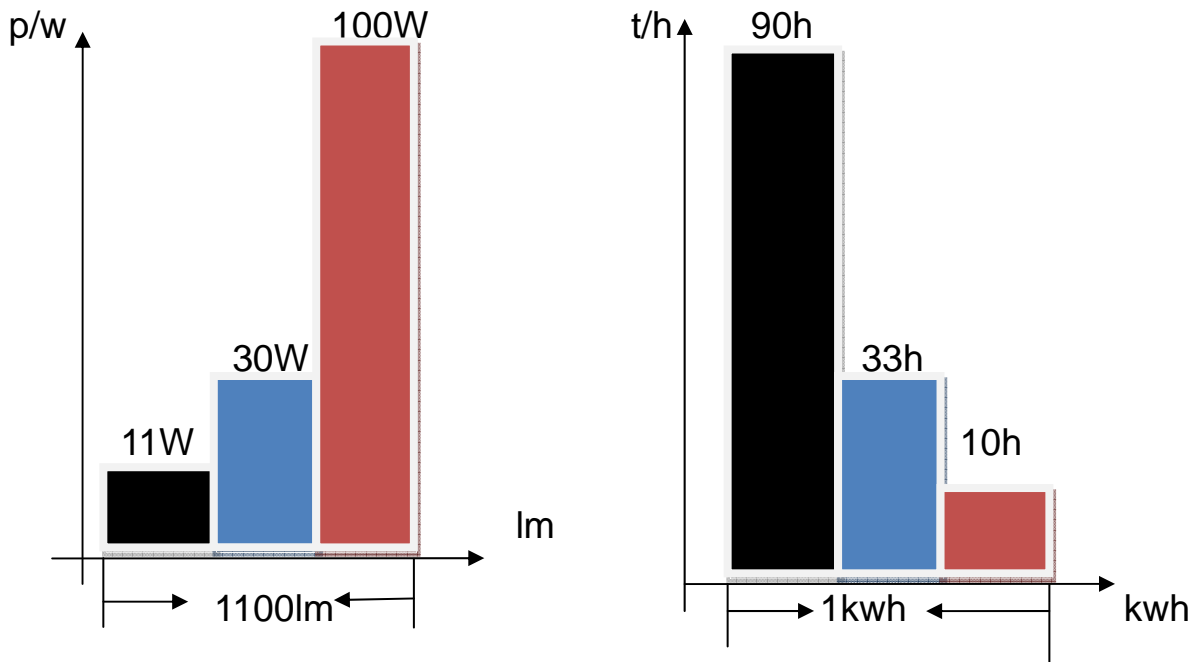




3. Traditional tube and LED lamp performance comparison:

Compare projects \ Tube type	Incandescent (100W)	T5 Light bulbs (1.2M)	T5 LED bulbs (1.2M)
Working life	1000-2000H	3000-5000H	30000-50000H
Luminance	1100LM	1100LM	1100LM
Power dissipation	100W	30W	11W

Schematic:

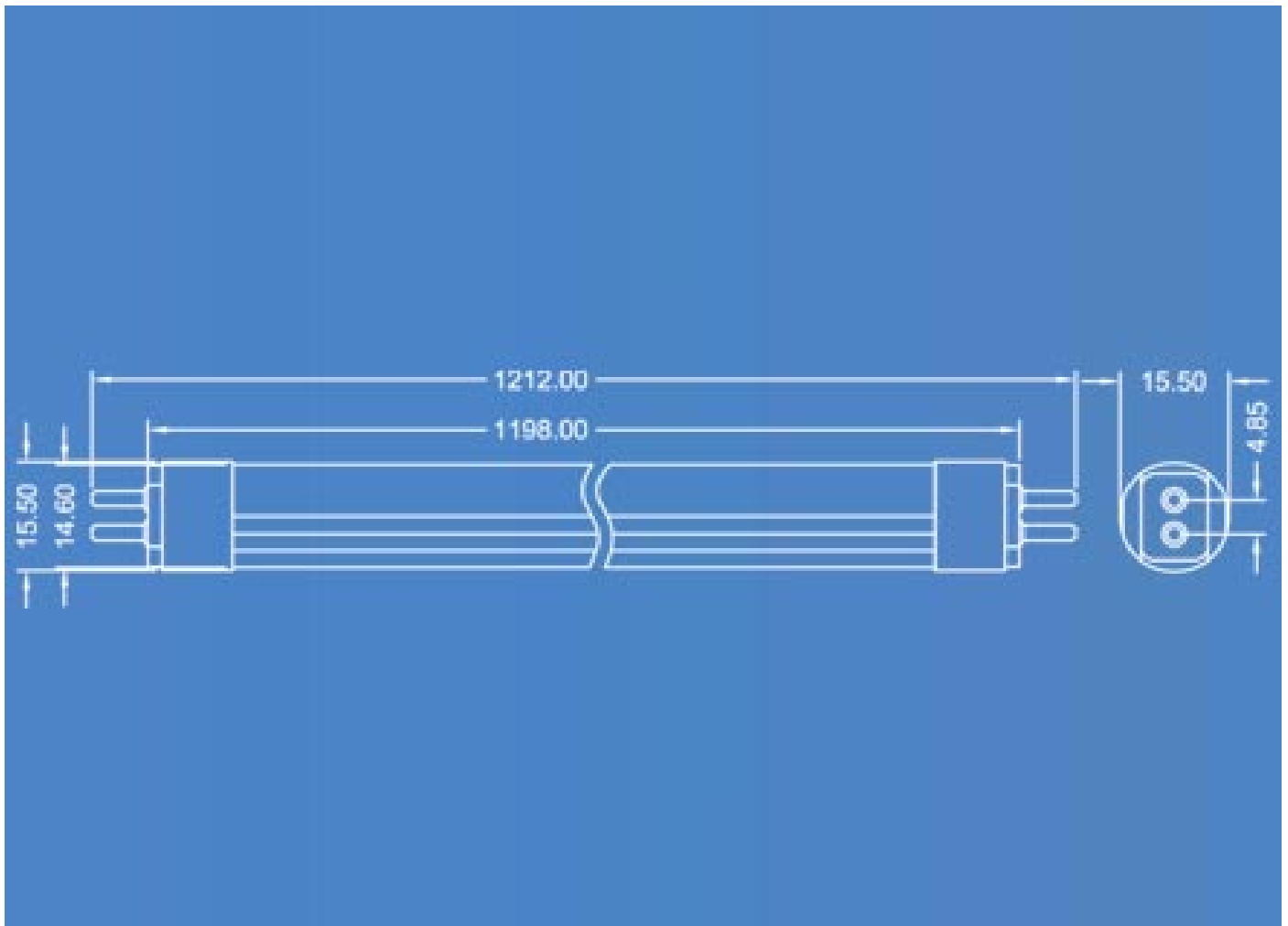


Explain:

- 1.2M T5 LED bulbs
- 1.2M T5 Light bulbs
- 100W 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-T5DA192WW	Warm white	AC90~260V 50-60 HZ	11W	2700	4500	1/2 Stripe 1/2 Al	192pcs	768	960
YJ-T5DA192PW	Pure white		11W	5000	6500		192pcs	960	1152
YJ-T5DA192CW	Cool white		11W	7000	12000		192pcs	960	1248
YJ-T5DA192R	Red		11W	/	/		192pcs	153	240
YJ-T5DA192G	Green		11W	/	/		192pcs	576	768
YJ-T5DA192B	Blue		11W	/	/		192pcs	153	249
YJ-T5DA192Y	Yellow		11W	/	/		192pcs	153	240



7. YJ-T5SA192W 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,192LED	10	11	12	W
Power factor	AC90~260V ,192LED	80		99	%
Power conversion efficiency	AC90~260V ,192LED	70	80	85	η
Center illumination	AC90~260V 192LED Height=2.5m		10		lux

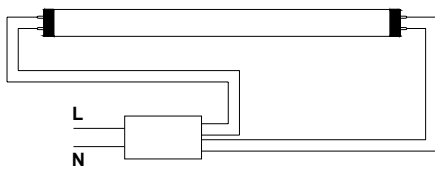


9, Installtion:

Replace Method: (Note: It's an electronic start up tube light. The ballast must be taken out before using.

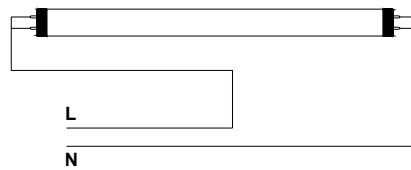
Direct replacement is not allowed.)

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.

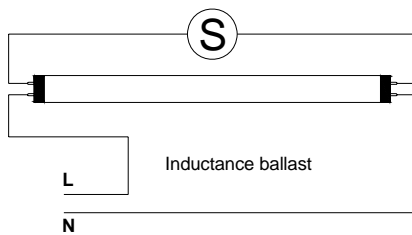


Electronic ballast

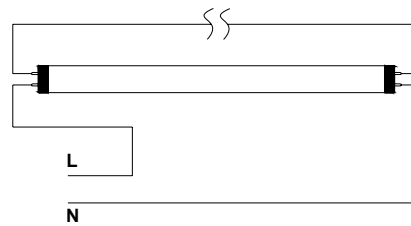
① Circuit of electronic fluorescent



② Circuit of LED energy-saving lamp

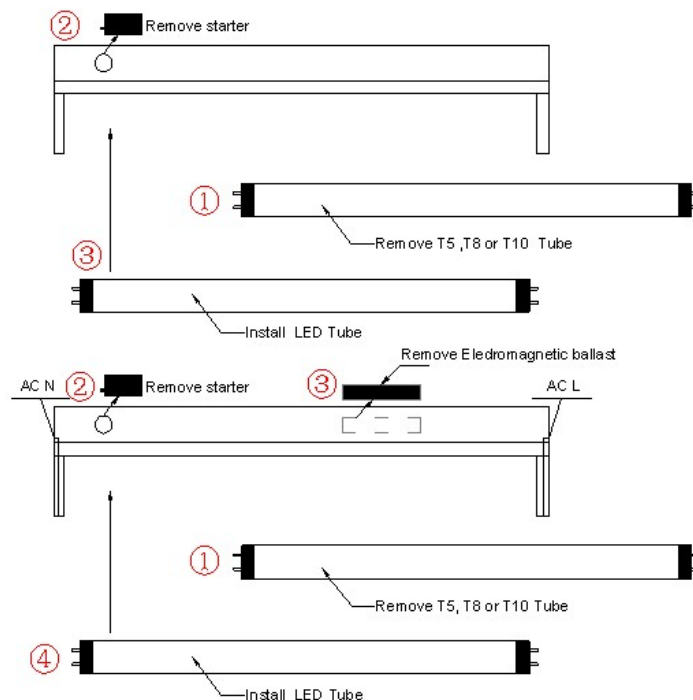


③ Circuit of inductance fluorescent



④ Circuit of LED energy-saving lamp

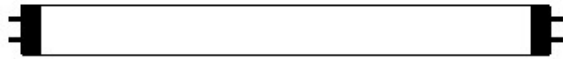
Or for easily install



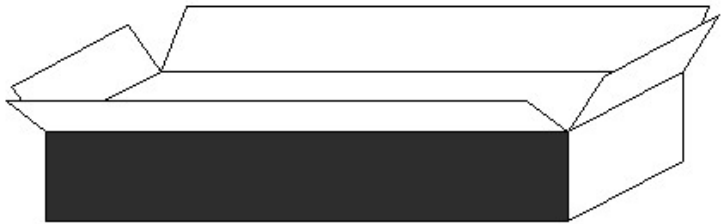
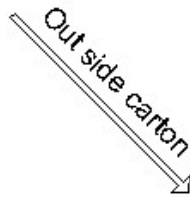
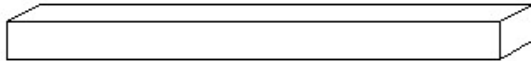


11. Package Information:

Net (g)	Into Box Size (cm)	Qty/Into BOX	Outside coat Size (cm)	Qty/ Outside coat	Total Weight (kg)
217	124*2*2	1	126*23*12	50	13



LED Tube Light



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.