



PRODUCT SPECIFICATION

Product Name: T8 LED

Product model: NS-HLTB-10/NS-HLTB-20/NS-HLTB-20WW

DESCRIPTION : T8 LED Light Tube (SMD2835)



● Features

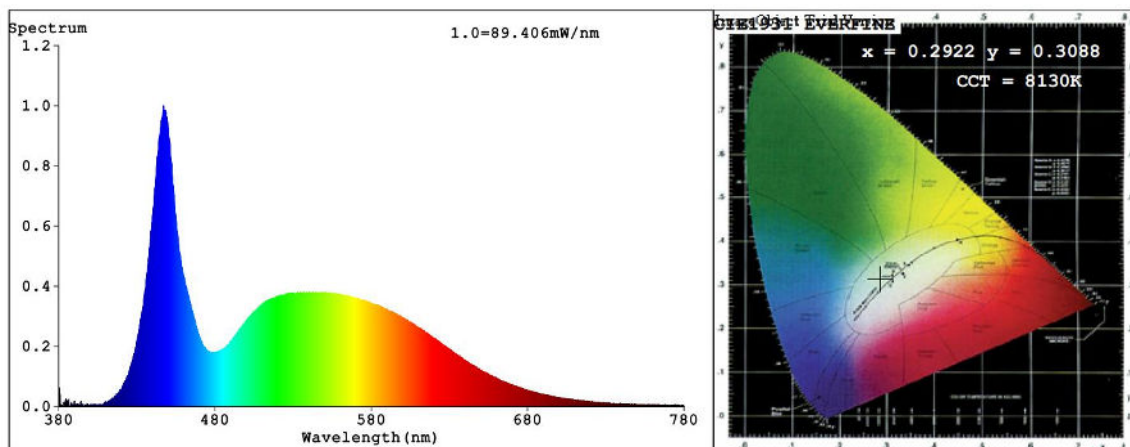
1. Using glass structure, good appearance , good heat dissipating capacity
2. Built-in constant current driver, high efficiency, stability
3. Using the imported SMD as light source, high light efficiency, long life span.
4. Quick response time, the LED response time is nanosecond.
5. Environmental protection, no heavy metals and harmful gas .
6. Energy-saving, can save energy more 80% than traditional fluorescent lights.
- 7 . No flicker, start quickly, soft light, protect your eyes.
- 8 . Easy to install and use.

● Technical Parameter

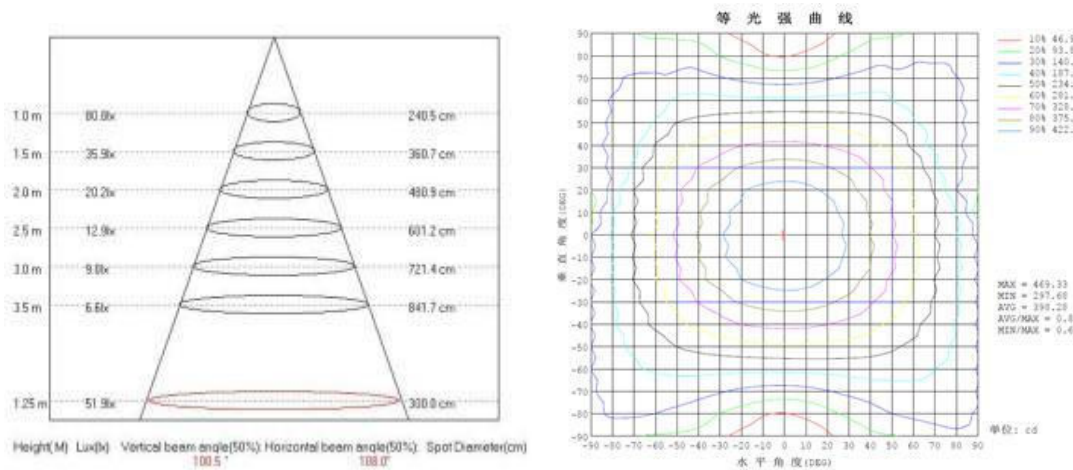
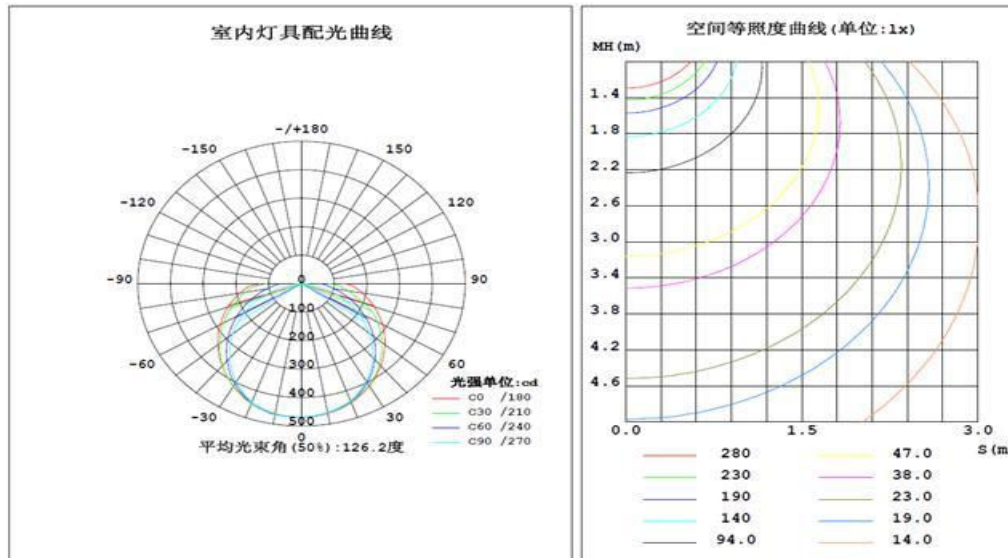
Model	NS-HLTB-10	NS-HLTB-20 NS-HLTB-20WW
LED model	2835	2835
LED Qty	48 PCS	96 PCS
Power	10 W	20 W
Voltage	AC110-240 V	AC110-240 V

Working Frequency	50-60HZ	50-60HZ
Power Efficiency	$\geq 92\%$	$\geq 92\%$
Luminous Flux	1100LM	2200LM
Luminous efficiency	Transparent : 110LM/W Frosted : ≥ 95 LM/W	
Power Factor	≥ 0.9	
Colour Temperature	WW: 2800 - 3200K NW:4000 - 4500K WH: 7500-8000K	
CRI	Ra ≥ 80	
Bean Angle	120°	
Working Temperature	-20 to + 50 °C	
Service life	30,000hr life 2yr warranty	

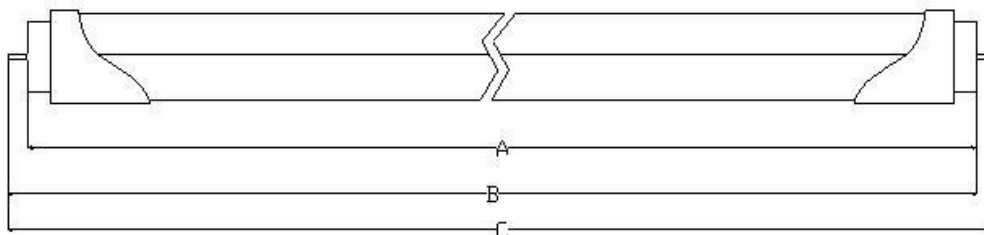
● Relative Spectral Energy Distribution



● Optical characteristic curve



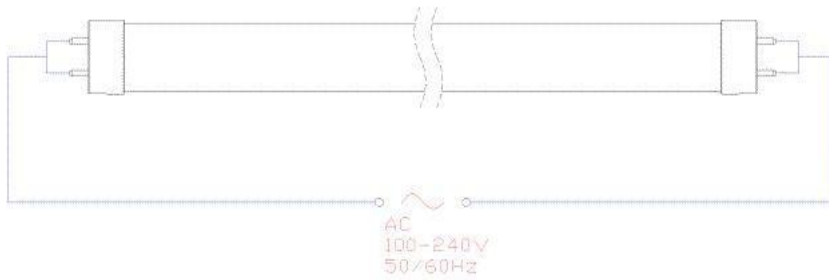
● Dimensions



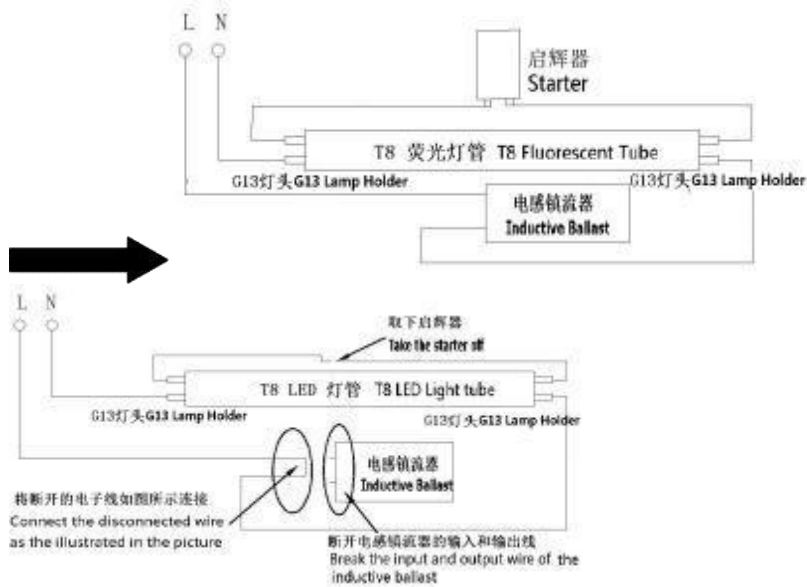
Model	Diameter (mm)	A(mm)	B(mm)	C(mm)
NS-HLTB-10	26	588 ± 1	595 ± 1	603 ± 1
NS-HLTB-20	26	1198 ± 1	1205 ± 1	1213 ± 1
NS-HLTB-20WW	26	1198 ± 1	1205 ± 1	1213 ± 1

● Instruction of wiring

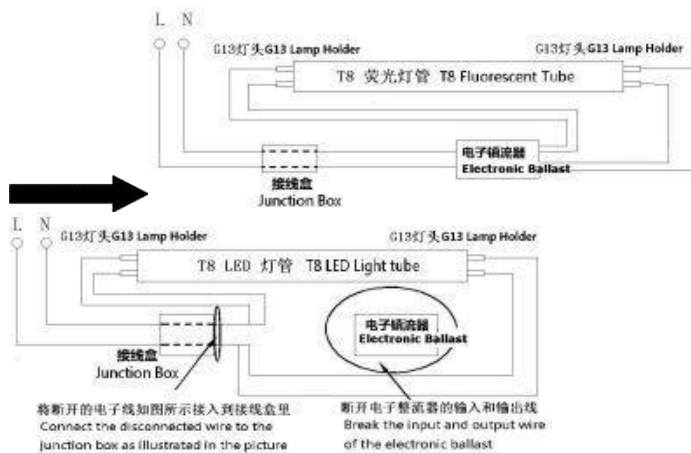
1. Diagram of power supply wiring at both ends:



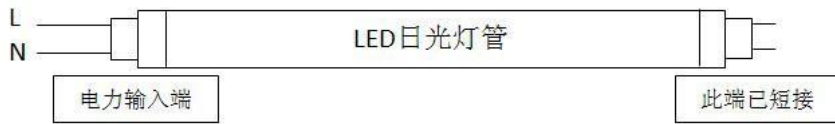
a. The Graphic Illustration for the Exchange of Inductive Ballast LED Tube



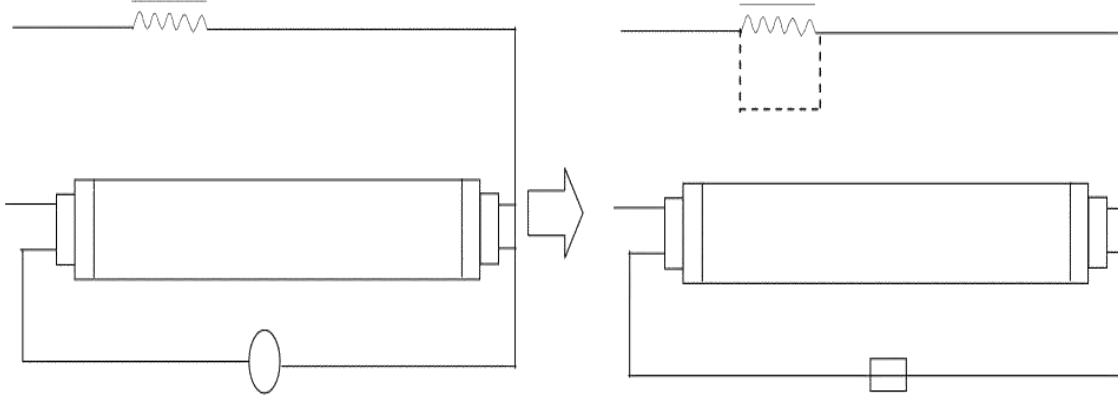
b. The Graphic Illustration for the Exchange of Electronic Ballast LED Tube



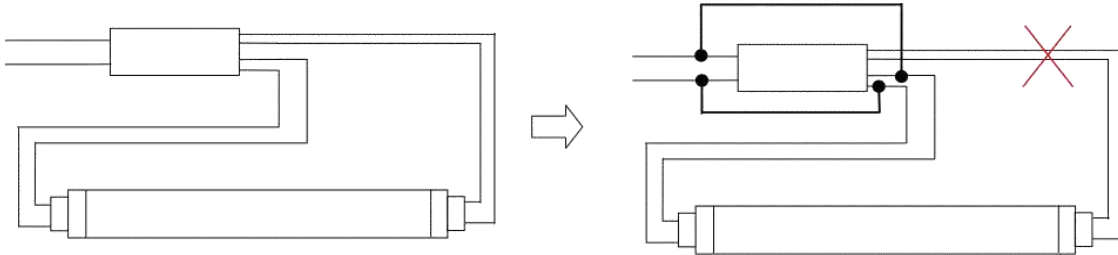
2. Single-end power supply wiring diagram:



a. The Graphic Illustration for the Exchange of Inductive Ballast LED Tube



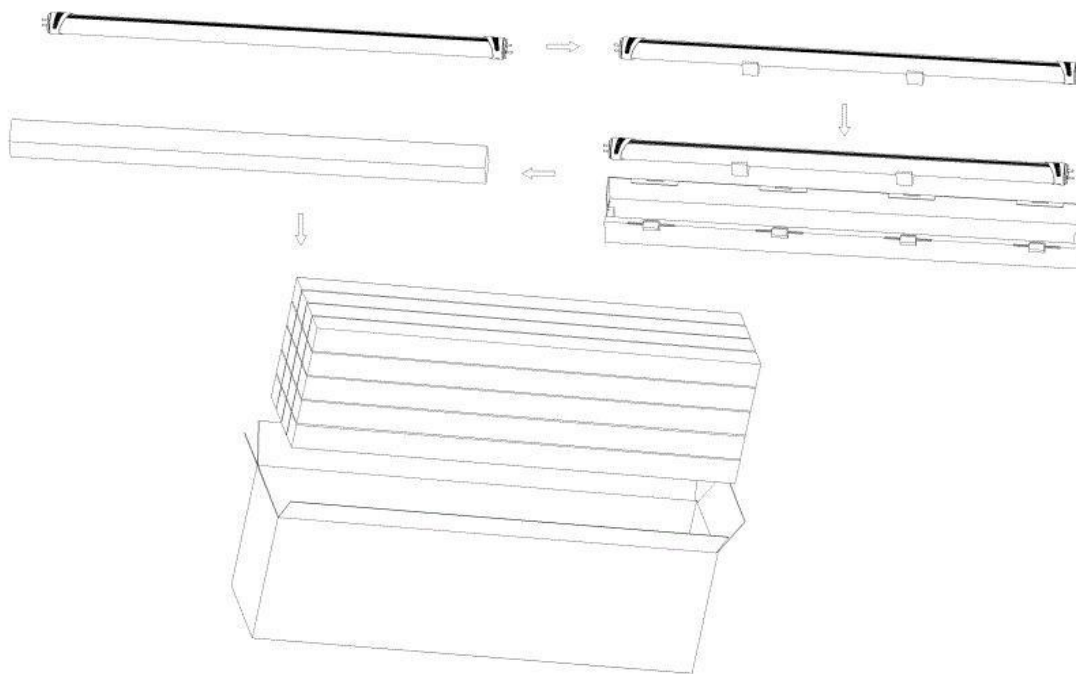
b. The Graphic Illustration for the Exchange of Electronic Ballast LED Tube



● Installation Instructions

1. Cut off the original line power before installation;
2. LED tube lights can be installed directly in the T8 bracket (remove the starter);
3. If there is an electronic ballast, it can't be installed directly, you should get rid of electronic ballast;
4. Non-professionals should not disassemble the LED lamp by themselves, including replace of the PC cover;
5. If there is any unusual problem when using, please contact us. The product couldn't be open optionally, or no warranty for it.

● Product Package



Packed in color box, 30 PCS/ case

● Packing size :

Model	L (mm)	W (mm)	H (mm)
NS-HLTB-10	635	220	200
NS-HLTB-20	1245	220	200
NS-HLTB-20WW	1245	220	200

● Attentions

1. Make sure the power is off before maintenance.
2. Clean the glass of mine lamps regularly to maintain good light transmittance.
3. Clean the dust of the shell to maintain good heat dissipation performance.
4. Be careful not to use water or corrosive solution for cleaning, it is better to use a dry cloth.

● Warranty and After-sales Service

The period of guarantee is 2 years. Quality assurance is based on the correct storage, installation, use and maintenance of products. Due to improper installation

and improper use of the product, the product is damaged beyond the scope of this warranty. During the warranty period, We will choose to repair, replace (spare parts)

with new products. Labor charges or material costs will be appropriately collected over the warranty period.

● Products Application Cases



The date listed in this file is for reference only, and the specific date should be subject to the specific products, if any change, sorry for no notice .