

**RoHS**

T8 Built-in LED Tube Product Specification

T8-RG Series

A. Application

Apply for high class office, Shopping mall and factory indoor lighting.

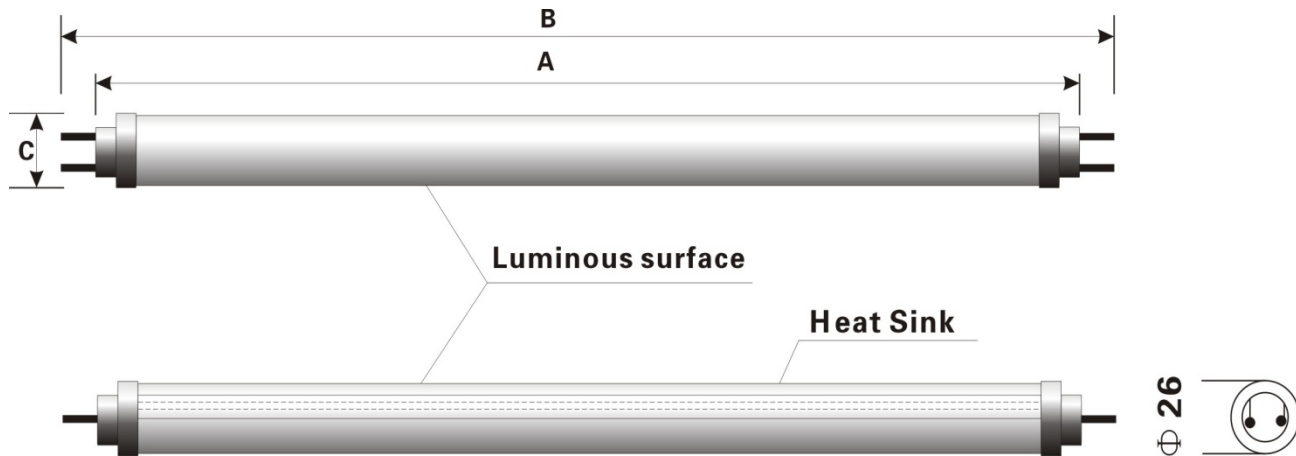
B. Product features

1. Environment, no ultra violet, infra red and mercury free, comply UL standard;
2. Aluminum housing + PC cover, resist high impact, soft lighting, no glare;
3. High transparent ratio, uniform light beam, no black space;
4. Special encapsulating led chip and thermal dispatching design, low lumen decay, color temperature consistent;
5. No blinking switch on, high color rendering index (CRI);
6. Elegancy appearance, fashionable, easy install and transportation;
7. This series LED tube were comply TUV、SAA、CE standard.

C. Product appearance

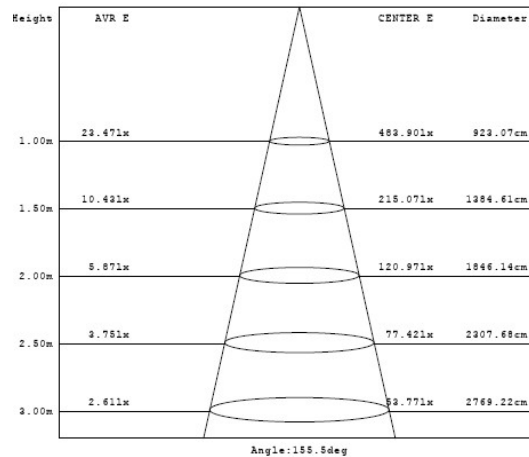
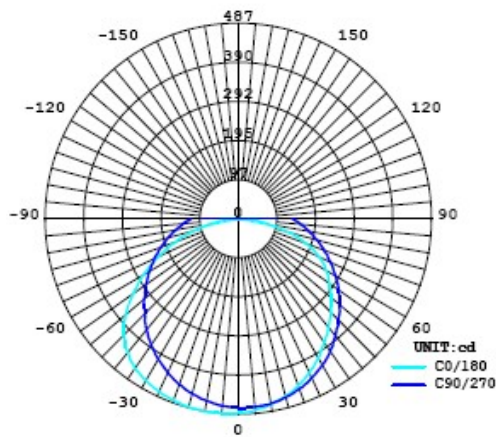


D、 Product size



E、 photometric data、 diagram data

For example T8-RG120-144 Cool white, (see diagram, below).



F、 Product specification

Technical parameters									
Series no	Item no	Tube size			LED type	Material	Packing	Socket	IP standard
		A	B	C					
1	T8-RG60-72	588mm	603mm	26mm	2835	Aluminum alloy+PC	Hard cylinder	G13	IP20
2	T8-RG60-72A	580mm	595mm	26mm	2835	Aluminum alloy+PC	Hard cylinder	G13	IP20
3	T8-RG90-120	894mm	909mm	26mm	2835	Aluminum alloy+PC	Hard cylinder	G13	IP20
4	T8-RG120-144	1198mm	1213mm	26mm	2835	Aluminum alloy+PC	Hard cylinder	G13	IP20
5	T8-RG150-204	1498mm	1513mm	26mm	2835	Aluminum alloy+PC	Hard cylinder	G13	IP20

Electricity specification

Series no	Item no	Power [W]	Voltage input [V]	Voltage output [V]	Power factor	Efficiency
1	T8-RG60-72	10±1W	100V~240V/50/60Hz	36V~42V	≥0.88	≥88%
2	T8-RG60-72A	10±1W	100V~240V/50/60Hz	36V~42V	≥0.88	≥88%
3	T8-RG90-120	14±1W	100V~240V/50/60Hz	36V~42V	≥0.88	≥88%
4	T8-RG120-144	18±1W	100V~240V/50/60Hz	36V~42V	≥0.90	≥88%
5	T8-RG150-204	24±1W	100V~240V/50/60Hz	36V~42V	≥0.90	≥88%

Photometer specification(1)

Series no	Item no	Col temp [K]	Lumen flux [Lm] Cool white±50			LUX[Lux] Cool white[±10]			CRI	Beam angle
		Cool white	White	Clear	Strip	H=1m	H=2m	H=3m		
1	T8-RG60-72	5700-6300K	950	1062	1028	271	71	35	≥70	120°
2	T8-RG60-72A	5700-6300K	950	1062	1028	271	71	35	≥70	120°
3	T8-RG90-120	5700-6300K	1330	1486	1440	380	100	49	≥70	120°
4	T8-RG120-144	5700-6300K	1710	1911	1851	489	129	63	≥70	120°
5	T8-RG150-204	5700-6300K	2280	2548	2468	651	171	84	≥70	120°

Photometer specification(2)

Series no	Item no	Col temp [K]	Lumen flux [Lm] Daylight white±50			LUX[Lux]Daylight white[±10]			CRI	Beam angle
		Daylight white	White	Clear	Strip	H=1m	H=2m	H=3m		
1	T8-RG60-72	4000-4500K	950	1062	1028	271	71	35	≥70	120°
2	T8-RG60-72A	4000-4500K	950	1062	1028	271	71	35	≥70	120°
3	T8-RG90-120	4000-4500K	1330	1486	1440	380	100	49	≥70	120°
4	T8-RG120-144	4000-4500K	1710	1911	1851	489	129	63	≥70	120°
5	T8-RG150-204	4000-4500K	2280	2548	2468	651	171	84	≥70	120°

Photometer specification(3)

Series no	Item no	Col temp [K]	Lumen flux [Lm] Warm white±50			LUX[Lux]Warm white[±10]			CRI	Beam angle
		Warm white	White	Clear	Strip	H=1m	H=2m	H=3m		
1	T8-RG60-72	2800-3200K	950	1062	1028	271	71	35	≥70	120°
2	T8-RG60-72A	2800-3200K	950	1062	1028	271	71	35	≥70	120°
3	T8-RG90-120	2800-3200K	1330	1486	1440	380	100	49	≥70	120°
4	T8-RG120-144	2800-3200K	1710	1911	1851	489	129	63	≥70	120°
5	T8-RG150-204	2800-3200K	2280	2548	2468	651	171	84	≥70	120°

Packaging							
Series no	Item no	Unit N.weight /g	Unit packing[mm]	Unit Gross weight /g	Master carton qty. [pcs]	Master carton meas.[mm]	Master carton gross weight /Kg
1	T8-RG60-72	193g	638*35	288g	25pcs	643*195*195	7.8Kg
2	T8-RG60-72A	193g	638*35	288g	25pcs	643*195*195	7.8Kg
3	T8-RG90-120	256g	930*35	393g	25pcs	913*195*195	10.78Kg
4	T8-RG120-144	347g	1230*35	517g	25pcs	1248*195*195	13.94Kg
5	T8-RG150-204	405g	1515*35	610g	25pcs	1533*195*195	16.57Kg

G、 Packing, transportation and storage condition

1. All products have label in the tube and inner packing;
2. Packing standard: sealed, braided, labeled w/product description, and quantity;
3. Storage requirement: no wet, no dust, fragile, anti-corrosion liquid, avoid direct sunshine and frozen;
4. Storage period: 1year, must be re-inspected(electricity driver) after 1year.
5. Packing standard: Inner packing + outer box

H、 Installation

1. Power off before installation.
2. This product protection standard is IP20, indoor only, not for outdoor and cfl emergency lighting system.
3. Must be installed by licensed electrician, must follow the relative power supply instruction (110-240V50Hz /60Hz) install this Led tube.
4. For the safety, don't change the Led tube structure.
5. Led tube design comply IEC standard, use G13 socket.
6. Study the menu before install; strictly follow the menu instruction (ref. to attached photo) .

Builb in power supply input type on single wiring principle

