



Compatible Ballast Tube T8-4FT-16W-CNA



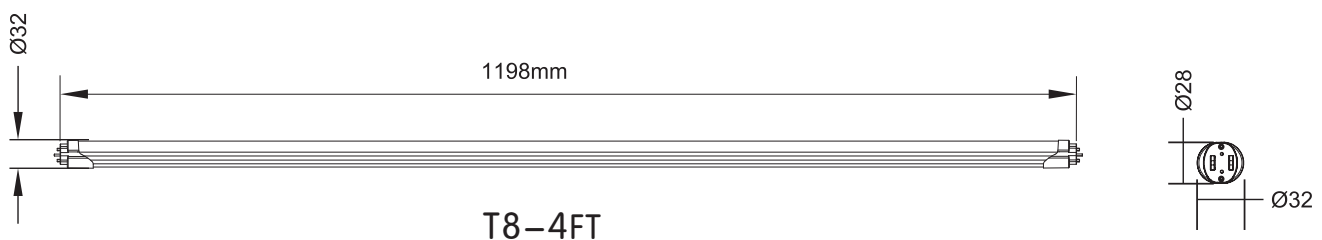
Product Features

The Ballast Compatible Plug & Play LED tube using patented electrical circuit, can be compatible with Rapid Start, Instant Start, Warm Start electronic ballast and Inductive ballast; Can be Double-end Power and no rewire to directly replace conventional fluorescent; Due to double end Safety Switch, which prevent electrical shock during installation of LED tube into existing fluorescent fixtures, Compliant with North America, European and many countries' safety requirements.

Advantages

- Compatible with Rapid start, Instant start, Warm Start, dimming electronic ballasts etc., most of existing ballasts;
- Direct replacement for traditional fluorescent tubes, no need to remove the starter & rewire;
- Directly works well with line voltage 90–277VAC;
- Work well with one pc or more tubes when driven by one ballast in a parallel circuit;
- Approved by DLC, UL/cUL, FCC, RoHS etc.;
- 5 years warranty.

Dimension



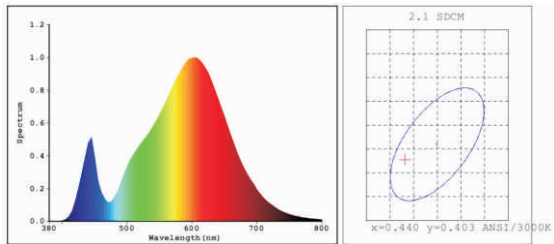


Specification

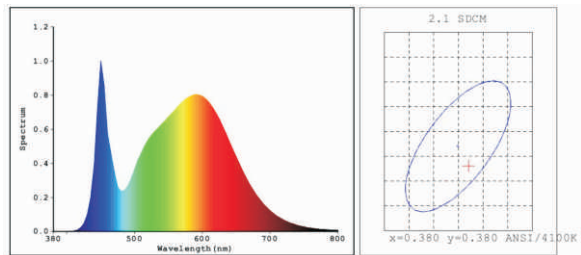
Product Name	T8-4FT-16W-CNA			
Rated Power	16W			
Input-voltage	100~277VAC			
Frequency	50/60Hz			
Power Factor	>0.95			
Socket	G13			
Cover	Clear/Frosted/Striped clear			
Color Temp.	3000K	4000K	5000K	6500K
Lumens (typical)	1550LM	1650LM		
CRI	≥ 82			
SDCM	≤ 5.0			
THD	<18%			
Beam angle	180°			
Operating Temp.	-25° ~+40°			
Housing	Aeronautical aluminum #6063			
Warranty	5 years			

Remark: Luminous Flux 10% tolerance

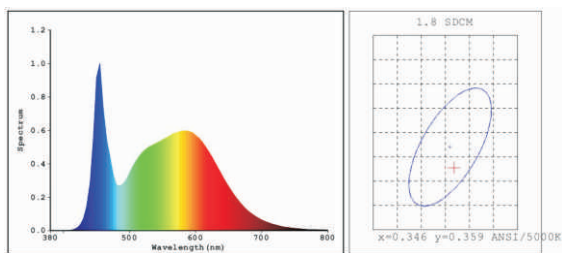
■ CCT And SDCM



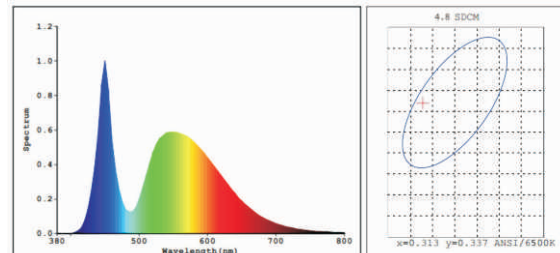
3000K



4000k



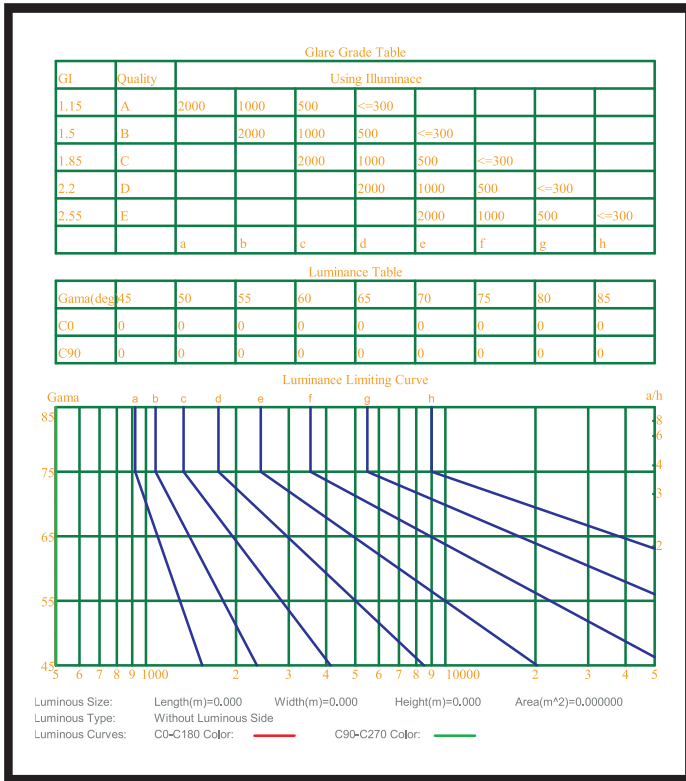
5000K



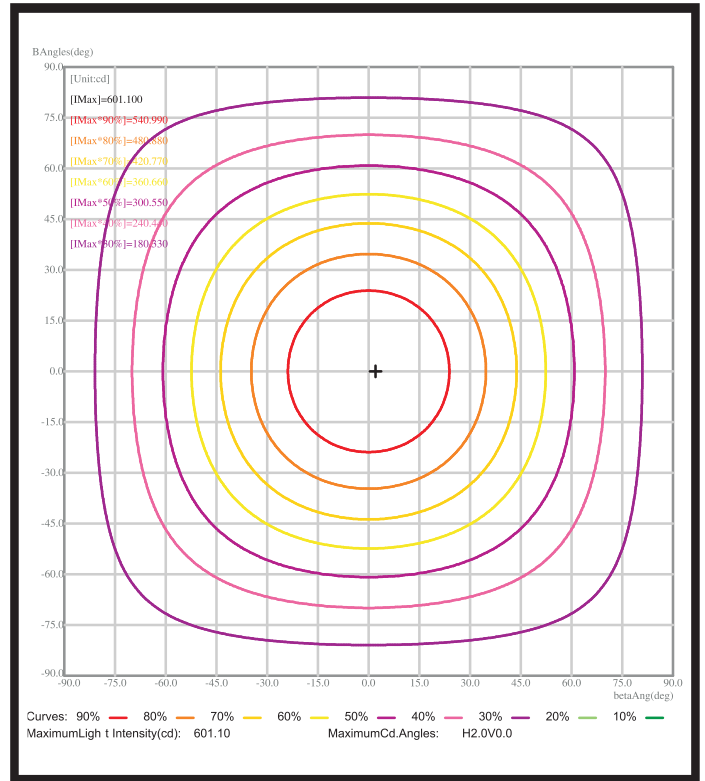
6500k

Typical Intensity Distribution

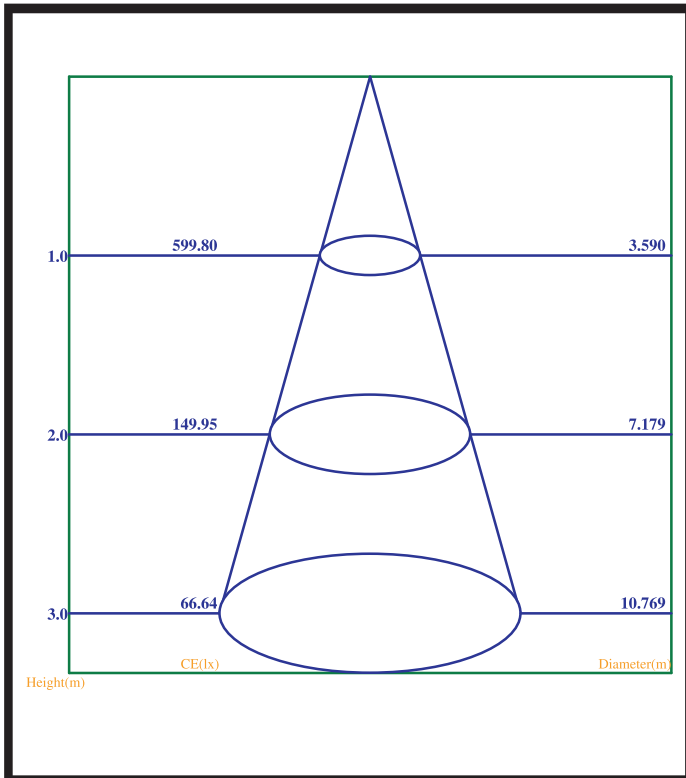
Indoor Luminance Limiting Curve



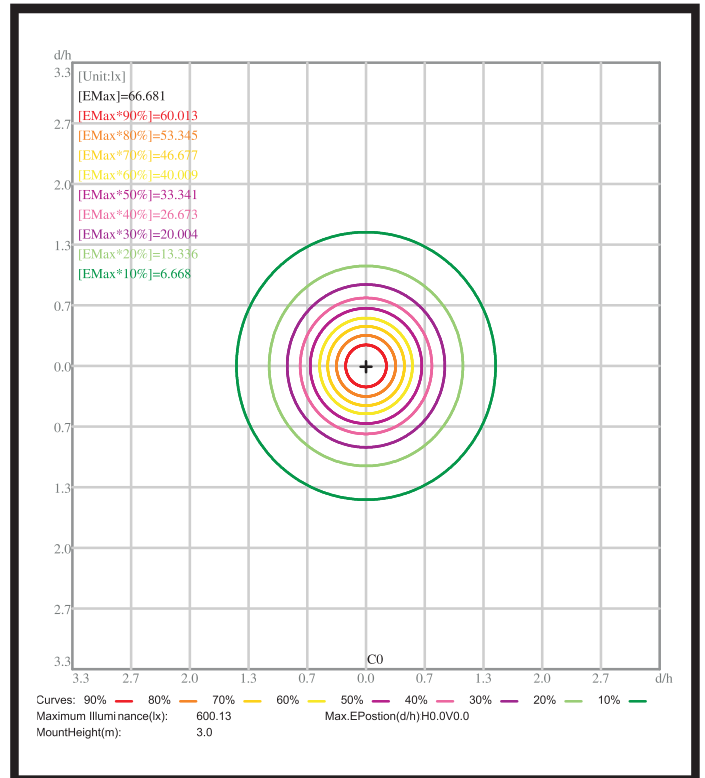
Rectangle ISO Light Intensity Curve



Illuminance-Distance Curve



Illuminance-Distance Curve



Typical Compatible Ballasts (North America)

NO#	Brand	Model No.	Ballast Type	Lamp Type	Ballast Input Voltage
1	ACCUPRO	AK-RC-232IP-UNV	Instant start Electronic Ballast	(2)F32T8 (2)F25T8 (2)F17T8	120/277V 0.50.22/A 50/60Hz
2	ACCUPRO	AP-RC-432IP-120-1	Instant start Electronic Ballast	(4)F32T8 (4)F25T8 (4)F17T8	120V 0.97A 60Hz
3	ACCUPRO	AP-RS-232IS-120	Instant start Electronic Ballast	(2)F32T8	120V 0.31A 60Hz
4	ACCUPRO	AP-RC-232IP-120-1	Instant Start Electronic Ballast	(1)F32T8 (1)F25T8 (1)F17T8	120V 0.48A 60Hz
5	ADVANCE	IIC-2S32-SC	Instant start Electronic Ballast	(2)F32T8 (2)F25T8 (2)F17T8	120-277V 0.51A 50/60Hz
6	DEAN	HFE-232-120-IS-LPF	Instant Start Electronic Ballast	(1)F32T8 (1)F25T8 (1)F17T8	120V 0.48A 60Hz
7	GE PROLINE	GE232-N-347	Instant Start Electronic Ballast	(1)F32T8 (1)F25T8 (1)F17T8	120V 0.48A 60Hz
8	GE PROLINE	GE332MV-N-DIY	Instant start Electronic Ballast	(3)F32T8 (3)F28T8 (3)F17T8	100-277V 0.74A 50/60Hz
9	KEystone	KTEB-132-1-TP-EMI	Instant Start Electronic Ballast	(1)F32T8 (1)F25T8 (1)F17T8	120V 0.48A 60Hz
10	LIGHTPARK	120-2/32IS MPF	Instant start Electronic Ballast	(2)F32T8 (2)F25T8 (2)F17T8	120V 0.89A 60Hz
11	OSRAM SYLVANIA	QTPIX32T8/UNV ISN-SC	Instant start Electronic Ballast	1xFO32T8 1xFO25T8 1xFO17T8	100-277V 0.26A 50/60Hz
12	PHILIPS ADVANCE	REB-2P32-SC	Instant start Electronic Ballast	(2)F32T8 (2)F25T8 (2)F17T8	120V 0.8A 60Hz
13	PHILIPS ADVANCE	RELB-1S40-SC	RapidStart ElectronicBallast	(1)F40T12 (1)F34T12	120V 0.31A 60Hz
14	PHILIPS ADVANCE	RELB-2S40-SC	Rapid Start Electronic Ballast	(2)F40T12 (2)F34T12	120V 0.62A 60Hz
15	TOUVE	120-2G 32EC	Instant Start Electronic Ballast	(2)32T8	120V 0.65A 60Hz
16	TRAID	B232IUNVHP-B	Electronic Ballast	(2)F40T12 (2)F34T12	100-277V 0.26A 50/60Hz
17	ULTRASAVE	eT232120M	Instant Start Electronic Ballast	F32T8 F25T8 F17T8	120-277V 0.49A 50/60Hz
18	ULTRASAVE	UT 432347	Instant start Electronic Ballast	(3/4)F32T8 (3/4)F28T8 (3/4)F17T8	347V 0.32A 50/60Hz

Note 1: Above list only show some typical brands's representative models. Our tube also compatible with ballast whose working principle similar as above ballasts, but we don't guarantee our tube is compatible with all existing ballasts.

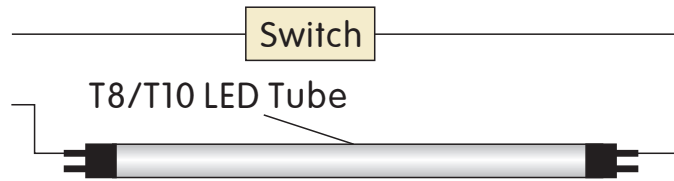
Note 2: Different ballast's output current, different brightness of compatible LED tube (wattage, Lumen etc. is different).

These differences do not affect product's normal use.

△ Note 3: If directly connected to 230VAC, please refer to wire diagram in page 5.

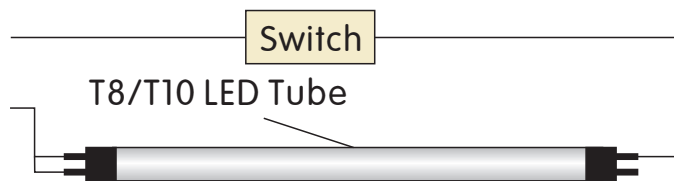
Wiring Diagram(When works with Line Voltage AC90–277V)

L (Either Pin)
N (Either Pin)

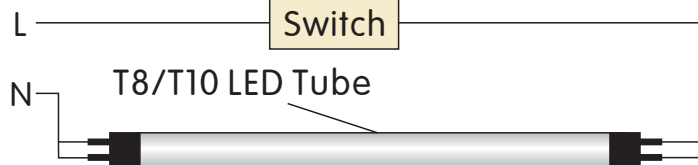


Wiring Diagram 1

L (Either End)
N (Either End)

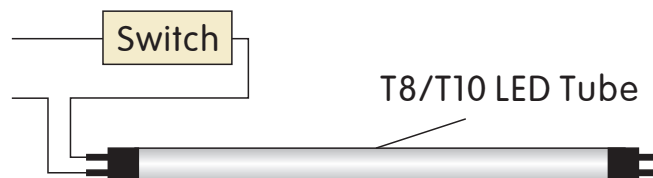


Wiring Diagram 2



Wiring Diagram 3

L (Either End)
N (Either End)



Wiring Diagram 4



Application

Application: Used for indoor commercial and residential lighting, such as office buildings, warehouse, shopping malls, schools, hospital etc.

Warning:

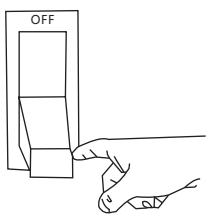
- ① Do not use tubes in a closed fixture or under damp environment;
- ② Do not use for safety lamp or emergency lamp.



Installation

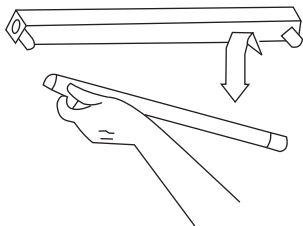
1

Switch off



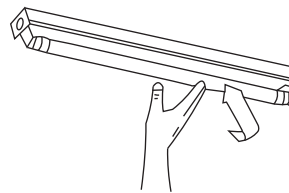
2

Remove fluorescent tube



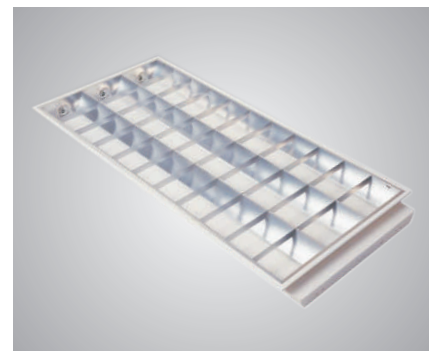
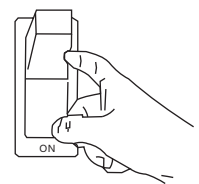
3

Fit on LED tube



4

Switch on





Decay curves

