

NANO LED T8 Tube

Type AB Series

Plug&Play compatible ballast & direct wire

Version 2

Product features:

1. Plug & Play compatible electronic ballast & ballast bypass direct wire, single end or double end input.
2. Very high-power efficiency 130lm/w-170lm/W and high CRI which can reach above 80.
3. Nanometer material with light weight and strong hardness.
4. Optimum light uniformity and high color homogeneity.
5. Overpower, short and open circuit protected.
6. Long lifetime: 50,000 hours with 3-5 years warranty.
7. NO noise, NO UV and IR, mercury free and RoHS compliant.
8. Comply with CE, FCC, UI and DLC standards.
9. Fire resisting sleeves: UL94 V0 level, high temperature resistant, thermal insulation, inflaming retarding & anti climate aging much prolong tubes life time.



Physical Specifications:

Module	LLUL-T8N-9W-2FTTAB	LLUL-T8N-8W-2FTTAB	LLUL-T8N-18W-4FTTAB	LLUL-T8N-15W-4FTTAB	LLUL-T8N-10W-4FTTAB
Length	600mm/2ft		1200mm/4ft		
Weight	80g		130g		
Housing	NANO				
Lens	Milky				
Tube Diameter	26mm				
Base Type	G13/Rotatable				
Work Environment	Indoor use				

Electrical Specifications

Module	LLUL-T8N-9W-2FTTAB	LLUL-T8N-8W-2FTTAB	LLUL-T8N-18W-4FTTAB	LLUL-T8N-15W-4FTTAB	LLUL-T8N-10W-4FTTAB
LED Quantity	48	48	96	96	96
Power Consumption	9W±10%	8W±10%	18W±10%	15W±10%	10W±10%
Input Voltage	100-277ACV or With Electronics Ballast				
Driver	Internal driver				
Power Factor	>0.95				
Light Source	SMD 2835				
Operation Temperature	-20~40 °C				



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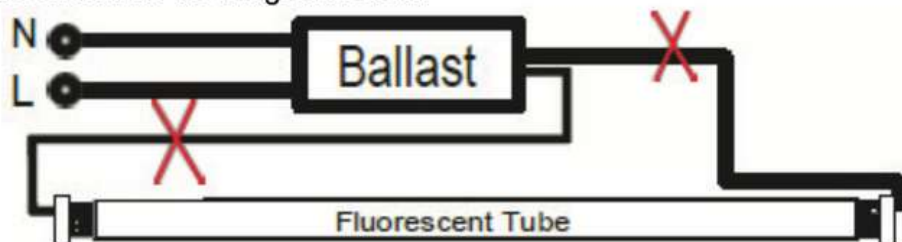
Product features:

Module	LLUL-T8N-9W-2FTTAB	LLUL-T8N-8W-2FTTAB	LLUL-T8N-18W-4FTTAB	LLUL-T8N-15W-4FTTAB	LLUL-T8N-10W-4FTTAB
Power Consumption	9W±10%	8W±10%	18W±10%	15W±10%	12W±10%
Lumens	1170lm	1040lm	2340lm	1950lm	1800lm
Luminous Efficiency	130lm/W	130lm/W	130lm/W	130lm/W	150lm/W
Certificate	UL DLC				
Color Temperature	Warm White: 2800K-3200K Natural White: 3800K-4200K 4700K-5300K Cool White: 5700K-6200K				
CRI	>80 R9>0				
Beam Angle	270 Degree				

Installation Guide:

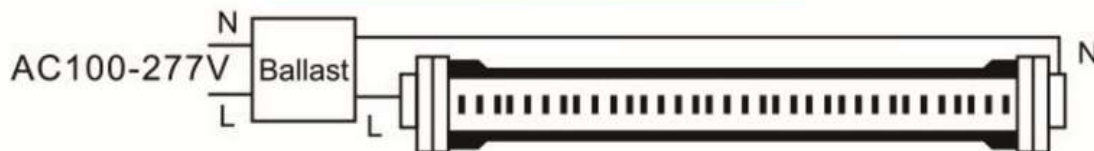
Retrofit procedure

1. Turn off the power to the light fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
4. Cut the wires shown as the diagram below.

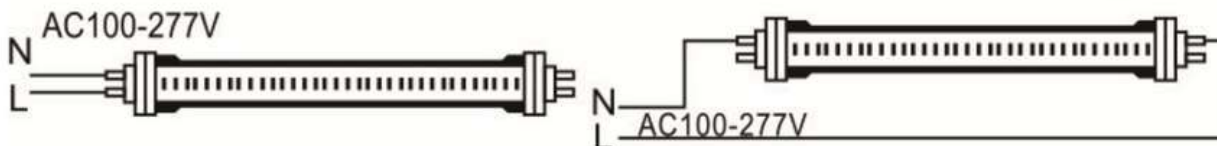


5. Make the new wire connect to branch circuit shown as the diagram below.
6. Replace the cover over the wiring channel.
7. Install the LED tubes, close the diffuser.

Working with Ballast



Directly AC Input



8. Turn on the Power.



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Warranty

This product has a warranty of period of 5 years from the date of purchase.

The warranty is invalid in the case of improper use, installation, tampering or removal of the Q.C. and/or date label, usage in improper working environment or installation not according to the current edition of the National Electric Code.

Should this product fail during the warranty period it will be replaced free of charge, subject to correct installation and return of the faulty unit.

Manufacturer does not accept responsibility for any installation costs associated with the replacement of this product.

This warranty is in addition to the statutory rights in your country of purchase.

Manufacturer reserves the right to alter specifications without prior notice.

Packing / weight

Module	Qty/Ctn (pcs)	Outer box (in)	G.W/Ctn (lbs.)
LLUL-T8N- 9W-2FTTAB LLUL-T8N- 8W-2FTTAB	25		
LLUL-T8N- 18W-4FTTAB LLUL-T8N- 15W-4FTTAB LLUL-T8N- 10W-4FTTAB	25	48.6x7.28x7.28	15.43