

DAYBREAK LED

SUSTAINABLE LIGHTING SOLUTIONS



WWW.DAYBREAKLED.COM

17806 I-10 SUITE 300

SAN ANTONIO, TX. 78257

P: 800-533-9526

E: SALES@DAYBREAKLED.COM

Daybreak LED ProT8Tube Series



Product Features

1. Plug & Play Compatible electronic ballast & ballast bypass direct wire, Single-End or Double-End Input.
2. Luminous efficiency 130-180 LPW; CRI Ra>80/97.
3. AL+PC: Strong hardness, good heat dissipation.
4. Designed to operate on existing ballasts with input voltage of AC120-277V.
5. Overpower, short and open circuit protected.
6. Long lifetime: 50,000 hours with 5 years warranty.
7. Comply with UL, FCC and DLC standards.
8. Fire-resisting sleeves: UL94 V0 level, high temperature resistant, thermal-insulation, inflaming retarding & anti climate aging much prolong tubes life time.

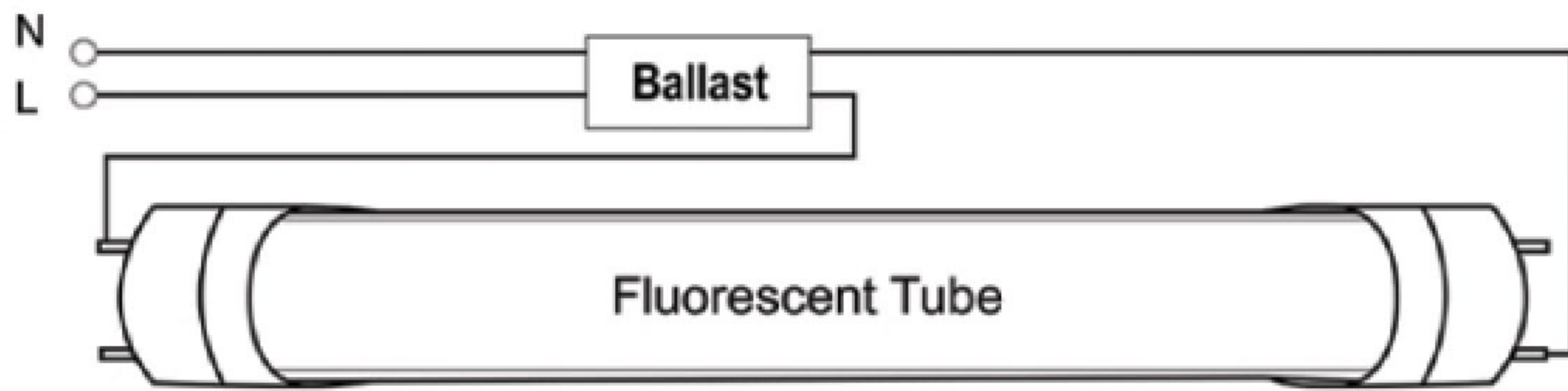


Model	Type	Wattage	Length	Lumens Per Watt	Lumens
TBDB-PRO10	A or B	10W	2 FT 4 FT	130	1,300
TBDB-PRO12		12W			1,560
TBDB-PRO15		15W			1,950
TBDB-PRO18		18W			2,340
TBDB-PRO20		20W	4 FT		2,600
TBDB-PROHY1	Hybrid AB	12/15/18W	4 FT	Up To 180	1,800-1,950
TBDB-PROHY2					

Photometric	CCT	Single CCT or Adjustable CCT 3000K 4000K 5000K				
	SDCM	<6				
	Beam Angle	120° 270° 360°				
	Ra	>80 or >97				
	R9	>0				
	Duv	<0.006				
	Electrical	Wattage	10W	12W	15W	18W
Current		Max 0.10A	Max 0.12A	Max 0.15A	Max 0.18A	Max 0.20A
Rated Voltage		85-277ACV				
Frequency		50/60HZ				
THD		<20%				
Surge Protection		2kV				
Power Factor		>.95				
Lifetime	L70	>50,000 HRS				
	L90	>36,000 HRS				
	Warranty	5-Years				
Operation	Start Time	<S1				
	Operating Temp	-4°F to +113°F				
	Storage Temp	-22°F to +149°F				
	Housing/Case	Aluminum				
	Optical-Lens	PC Frosted/Clear Glass				
	Environment	Indoor				
	Ingress Protection	IP20				
Certification	Safety	UL				
	DLC	DLC Premium				

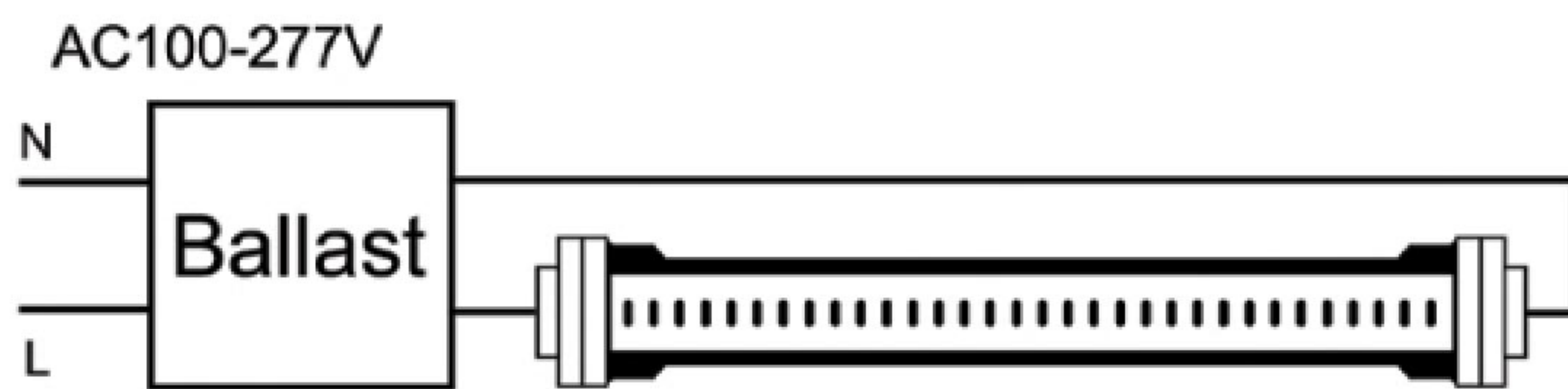
“Plug” and “Play” procedure

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. Put led tube into the lighting fixture.

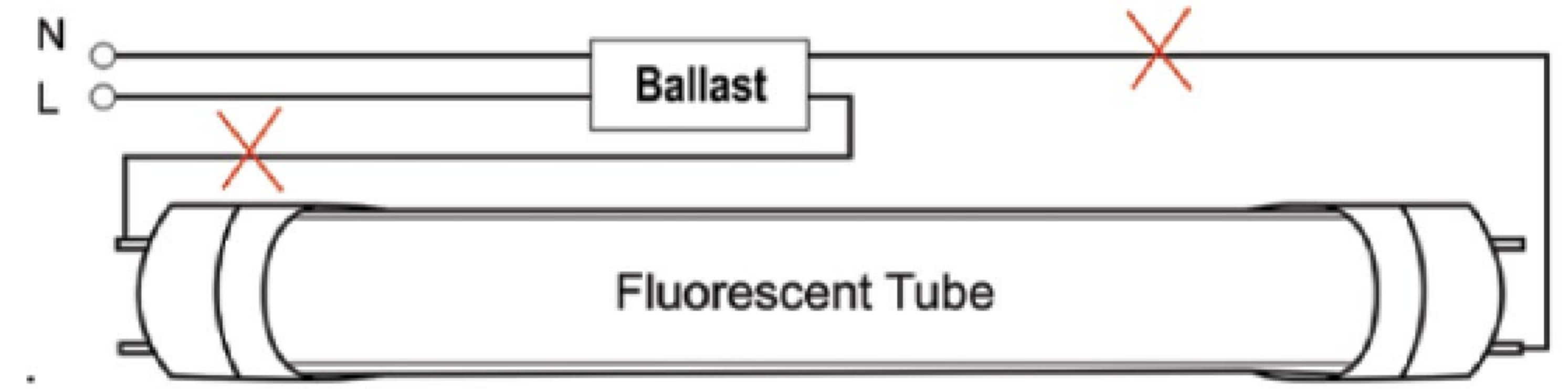
Working with Ballast



5. Install the LED tubes, close the diffuser.
6. Turn on the Power.

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

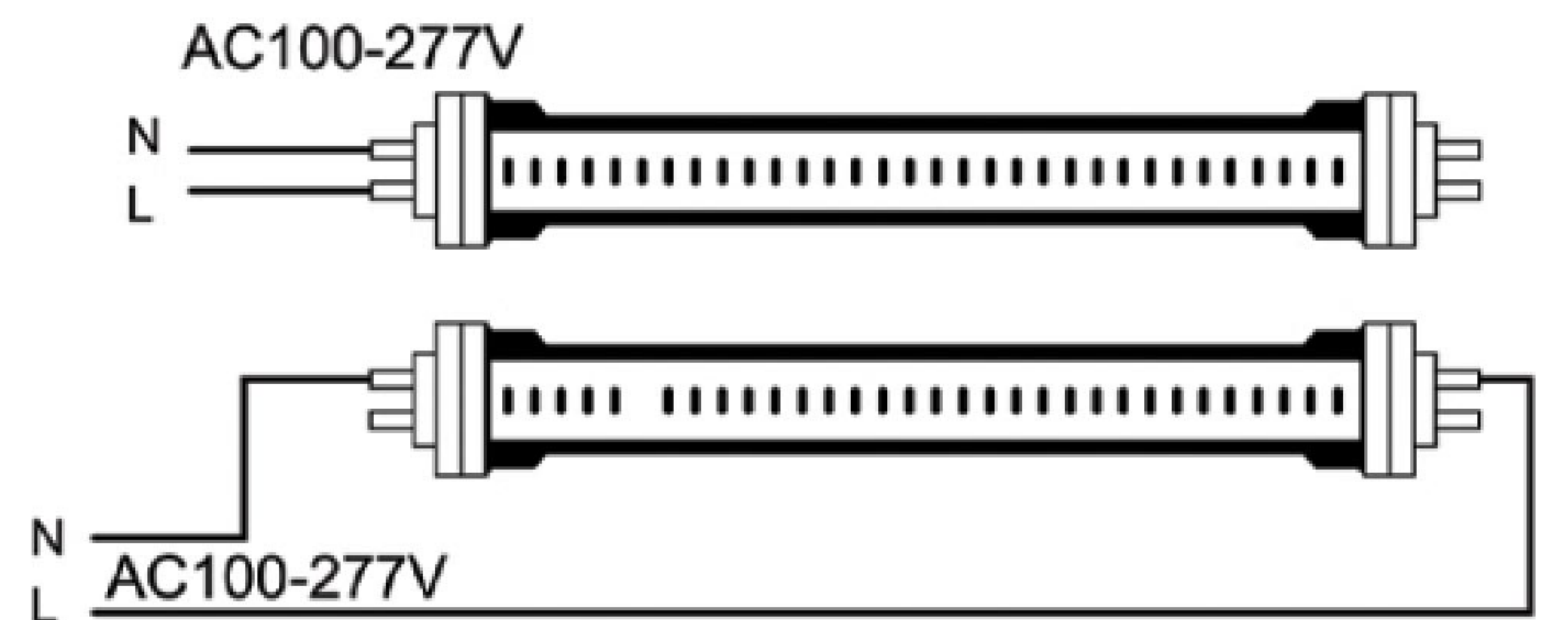


5. Make the new wire connect to branch circuit shown as the diagram below.

6. Replace the cover over the wiring channel.

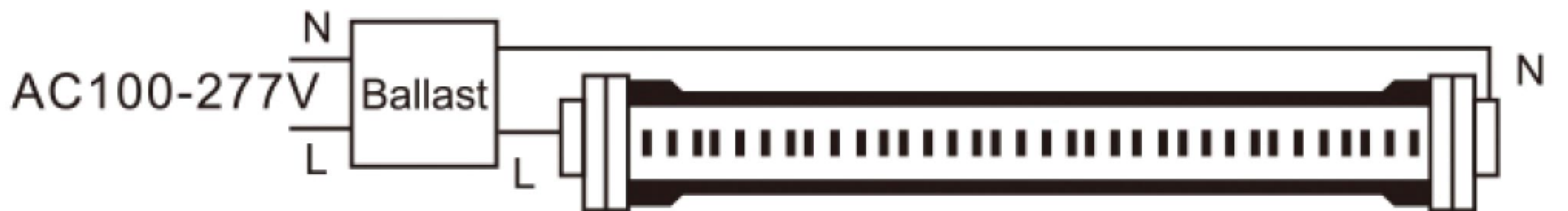
7. Install the LED tubes, close the diffuser.

Directly AC Input



8. Turn on the Power.

Working with Ballast



Directly AC Input

