



Commercial &
Industrial Lighting



LED T8 TUBES

10W - 15W - 18W - 22W - 24W - 48W
2FT - 2.5FT - 3FT - 3.5FT - 4FT - 8FT



DESCRIPTION:

These are G13, two pin retrofit lamps for the existing fixture. These need ballast to be bypassed and power on both ends. Neutral on one end and line on the other end. This is best fit for vanity fixtures, stairs fixtures, storage rooms and unattended spaces in the building like electrical, mechanical rooms.



APPLICATIONS:

Office Lighting, Education Facility Lighting, Airport and Station Lighting, Other Commercial Applications.



SPECIFICATION FEATURES

CERTIFICATION:

UL

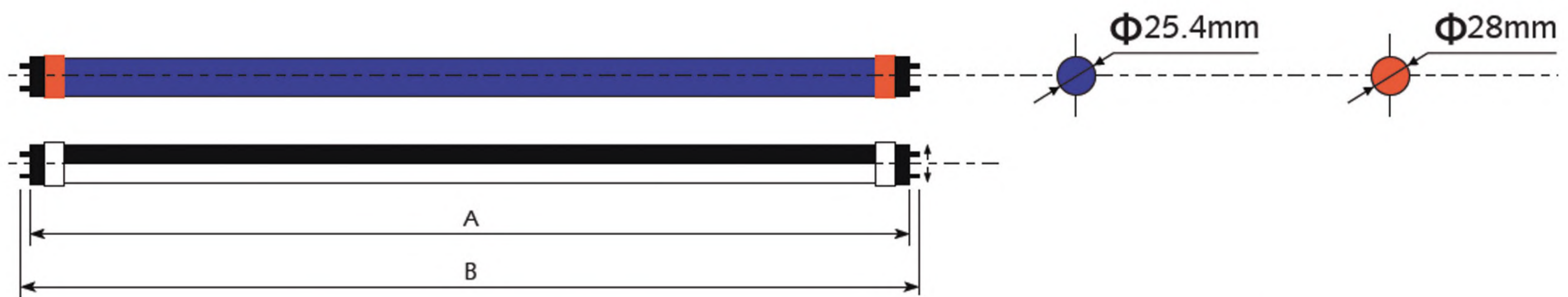
WARRANTY:

5 Yrs Warranty

ORDER INFORMATION Product code: KLATW T8 XKXFT-Z

KL	TL	XXX	T8	CC	FT	Z
KL	TL	WATTAGE 10 W, 15 W 18 W, 22 W 24 W, 40 W 48 W	T8	4K=4000K 5K=5000K 57K=5700K	2 FT 2.5 FT 3 FT 3.5 FT 4 FT 8 FT	C=CLEAR F=FROSTED

PRODUCT DIMENSIONS



PRODUCT SIZE	A (MM)	B (MM)
10W 2FT	615	627
15W 2.5FT	775	787
15W 3FT	915	927
18W 3.5FT	1072	1084
18W 4FT	1195	1207
40W 8FT	2370	2382



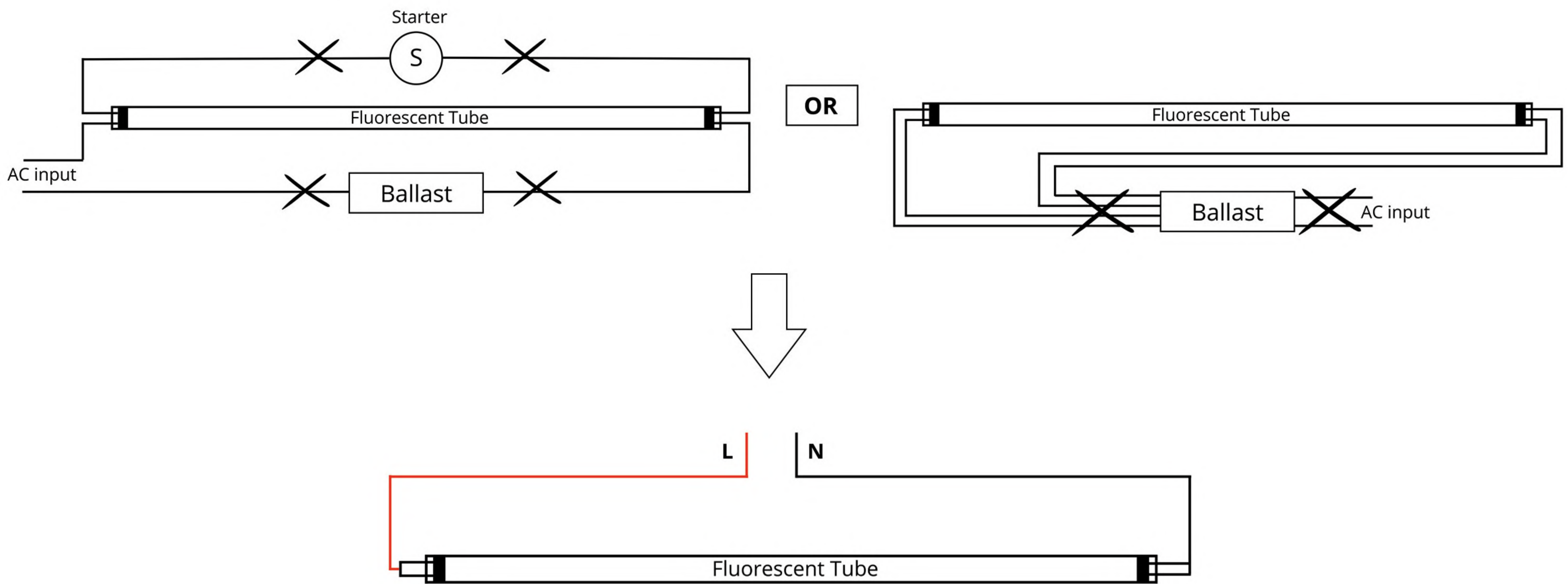
LIGHTING PARAMETERS

Product Code	10W2FT	15W2.5FT 15W3FT	18W3.5FT 18W4FT	22W4FT	24W4FT	40W8FT	48W8FT
Input Voltage	100-277VAC	100-277VAC	100-277VAC	100-277VAC	100-277VAC	100-277VAC	100-277VAC
Power (W)	10W	15W	18W	22W	24W	40W	48W
Luminous Flux (LM)	1200 LM	1800 LM	2160 LM	2640 LM	2880 LM	4800 LM	5760 LM
Color Temperature (CCT)	4K, 5K	4K, 5K	4K, 5K	4K, 5K	4K, 5K	4K, 5K	4K, 5K
CRI	>80	>80	>80	>80	>80	>80	>80
Luminous Efficacy (lm/w)	120 lm/w	120 lm/w	120 lm/w	120 lm/w	120 lm/w	120 lm/w	120 lm/w
Power Factor	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
Beam Angle	120°	120°	120°	120°	120°	120°	120°
IP Rating	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
Lens Option	Clear/ Frosted	Clear/ Frosted	Clear/ Frosted	Clear/ Frosted	Clear/ Frosted	Clear/ Frosted	Clear/ Frosted
Life of Product (L70)	>50000 hrs	>50000 hrs	>50000 hrs	>50000 hrs	>50000 hrs	>50000 hrs	>50000 hrs
No. of LED	56	84	100	116	132	200	264
Connection	G13/ One end Input	G13/ One end Input	G13/ One end Input	One end Input	One end Input	One end Input	G13/ One end Input
Operating Temperature	(-20°C + 45°C)	(-20°C + 45°C)	(-20°C + 45°C)	(-20°C + 45°C)	(-20°C + 45°C)	(-20°C + 45°C)	(-20°C + 45°C)
Certification	UL	UL	UL	UL	UL	UL	UL

PRODUCT FEATURES

- UL Certification
- 5 years warranty
- No UV emission
- Suitable for damp or dry environments
- Mercury and lead free
- End to end mounting and wiring
- 80% more energy saving compared with traditional lamps
- Uniformity lighting distribution
- Connection: G13, Rotatable Option, One end Input Available.

INSTALLATION INSTRUCTION



Note: BE - Both Ends (power applied to both ends of the lamp simultaneously)
 OE - One End (power applied to one end only, other end not connected)

LED RETROFIT KIT INSTALLATION GUIDELINE

Step 1- Disconnect all power to the lamp fixture.

Step 2- Take off the fluorescent lamp.

Step 3- Designate one of the fixtures lamp sockets as the 'LIVE END' and other end as 'NEUTRAL END' and mark for future reference.

Step 4- Connect the positive lead to one of the lamp pin base and connect the negative lead to the second of the lamp pin base.

Step 5- Install LED tube light in the fixture matching the Line and Neutral side of the fixture. After having fixed it, turn the tube 90 degree, ensure that the tube is well installed to the lamp fixture.

Step 6- After modification completes, then affix the lamping replacement marking label and cautionary label to painted surface and bare aluminum, located this where visible during re-lamping on the retrofitted luminaire.