

# T8 LED Clear Tube (Direct AC)

## ULT8 series

**USHIO**

### Features

- Material (Body) : Aluminium and PC Cover
- Lamp : SMD type LED
- Color Rendering : Ra 80
- Voltage : 110V - 277V AC, 50/60 Hz
- Dimmable : No
- Power Factor : >0.95
- Certification : CE Compliant
- Others : No Mercury / No UV / No IR

Equivalent <b>FL Tube</b>	IP rating <b>IP40</b>
LED Type <b>SMD</b>	LED Driver <b>Built-in</b>
Lifespan <b>40,000 Hours</b>	Oper. Temp <b>-20C°~ 45C°</b>
PF <b>0.95</b>	Base <b>G13</b>

System Power : (Length 600mm - 9W & 12W) & (Length 1200mm - 18W, 20W & 25W)

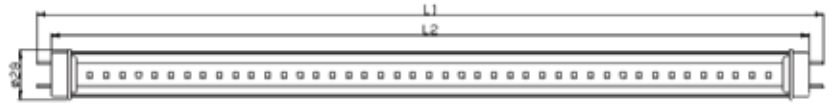
#### Tube Length - 600mm

120°	Model	Power	Temp	lm
▲	ULT8009/30/01K/C0/C	9W	3000K	1050 lm
	ULT8009/40/01K/C0/C	9W	4000K	1100 lm
	ULT8009/60/01K/C0/C	9W	6000K	1100 lm
	ULT8012/30/01K/C0/C	12W	3000K	1200 lm
	ULT8012/40/01K/C0/C	12W	4000K	1300 lm
	ULT8012/60/01K/C0/C	12W	6000K	1300 lm



#### Tube Length - 1200mm

120°	Model	Power	Temp	lm
▲	ULT8018/30/02K/C0/C	18W	3000K	2000 lm
	ULT8018/40/02K/C0/C	18W	4000K	2100 lm
	ULT8018/60/02K/C0/C	18W	6000K	2100 lm
	ULT8020/30/02K/C0/C	20W	3000K	2300 lm
	ULT8020/40/02K/C0/C	20W	4000K	2400 lm
	ULT8020/60/02K/C0/C	20W	6000K	2400 lm
	ULT8025/30/03K/C0/C	25W	3000K	2700 lm
	ULT8025/40/03K/C0/C	25W	4000K	2800 lm
	ULT8025/60/03K/C0/C	25W	6000K	2800 lm



Dimension for 9W & 12W

L1 = 604mm  
L2 = 588mm  
ø = 28mm

Dimension for 18W, 20W & 25W

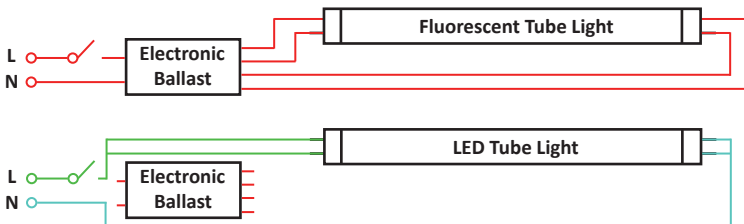
L1 = 1213mm  
L2 = 1198mm  
ø = 28mm

### Wiring Diagram

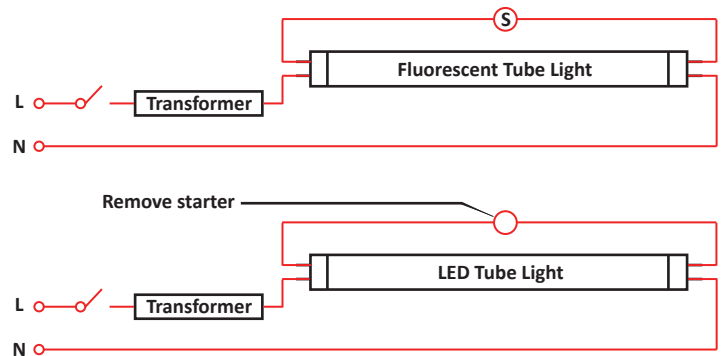
Type A - Direct AC 110V - 240V with L and N at either side



Type C - Remove ballast and bypass direct as per below drawing



Type B - No rewiring required. Remove the starter.



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