

● Features:

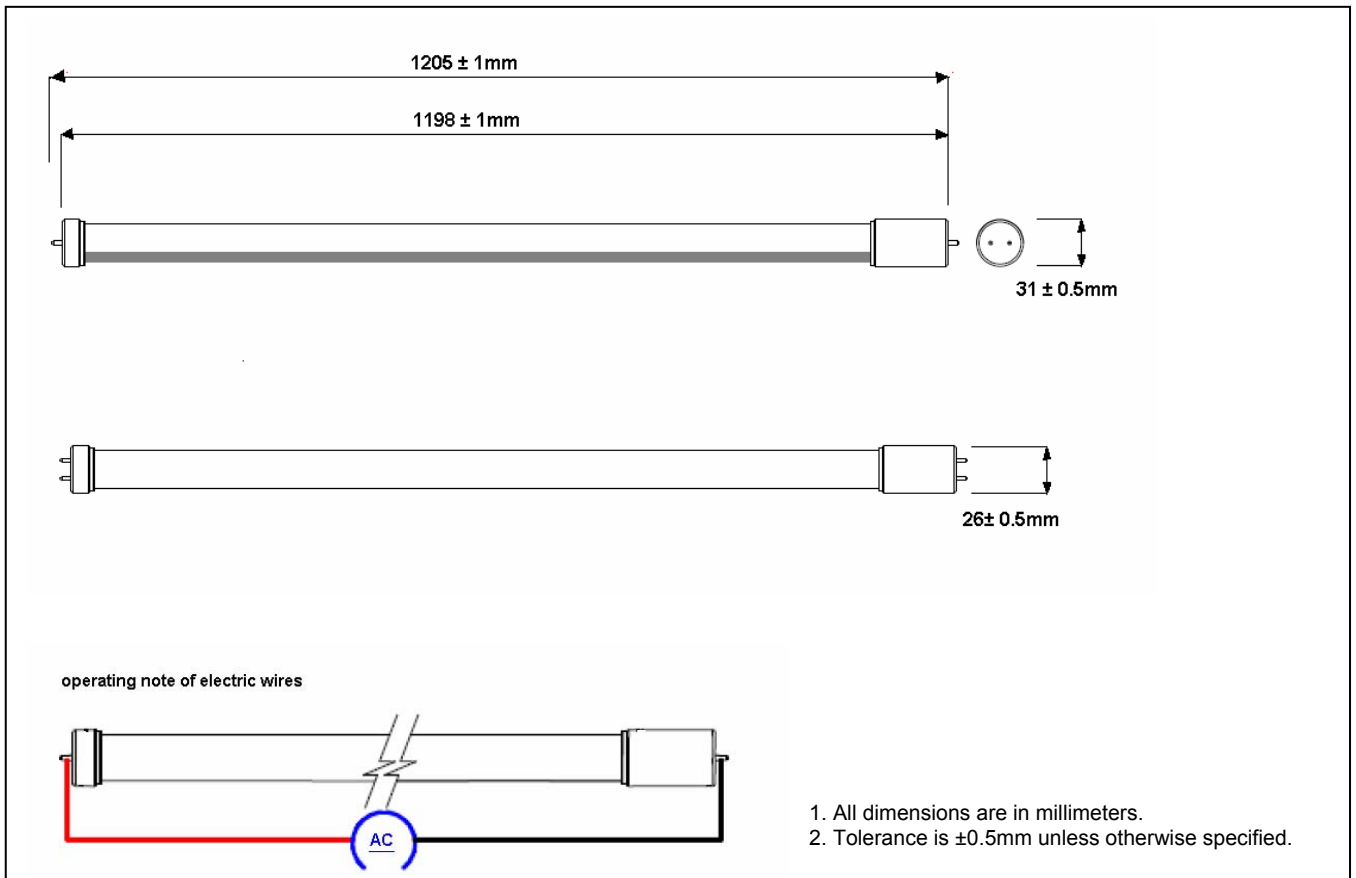
1. Input Voltage: 90-240 Vrms.
2. Housing(new patented) material :Aluminum
3. Input power(Module): 18W.
4. Chip : 3020 LED.
5. Emitted color: white.
6. High lumen output.
7. High flux density.
8. Low power consumption.
9. Efficient heat transfer.
10. Housing color : silver



● Applications:

1. Indoor Lighting.
2. Architectural Lighting.
3. Special Area Lighting.

● Package dimensions :



● Absolute maximum ratings ($T_J=25^{\circ}\text{C}$)

Parameter	Symbol	Rating	Unit
Input Voltage	V_{IN}	90~240	Vrms
Power Dissipation	LED	14~15	W
	Module	16~18	
Operating Temperature	T_{opr}	-30~40	$^{\circ}\text{C}$
Storage Temperature	T_{stg}	-40~80	$^{\circ}\text{C}$

 ● Electrical & Optical Characteristics ($T_J=25^{\circ}\text{C}$)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Input Current	I_{IN}	$V_{IN} = 110/220\text{Vrms}$	-	20/10		mA
Total Flux	Φ_v	$V_{IN} = 110/220\text{Vrms}$	1300	1400	-	lm
Color Temperature	CCT	$V_{IN} = 110/220\text{Vrms}$	5500	6000	6500	K
Viewing Angle	$2\theta_{1/2}$	$V_{IN} = 110/220\text{Vrms}$	-	260	-	degree
Chromaticity Coordinates	x	$V_{IN} = 110/220\text{Vrms}$	-	0.32	-	-
	y	$V_{IN} = 110/220\text{Vrms}$	-	0.31	-	

● Optical Characteristics

Part Name	Type	Lux@1m (Typical)		Lux@2m (Typical)		Lux@3m (Typical)	
		Open	T-bar	Open	T-bar	Open	T-bar
VT8I-650018-12-2H-L	18W	300	350	100	150	40	55