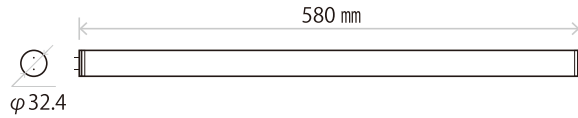
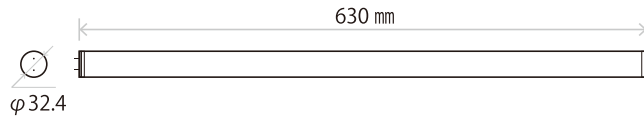


**Drawing**

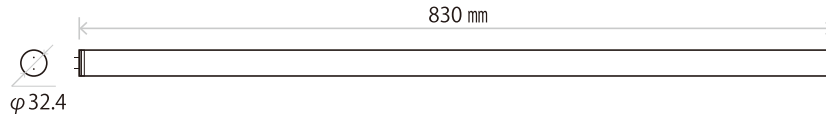
20W : VLT2-KA20WG/6K



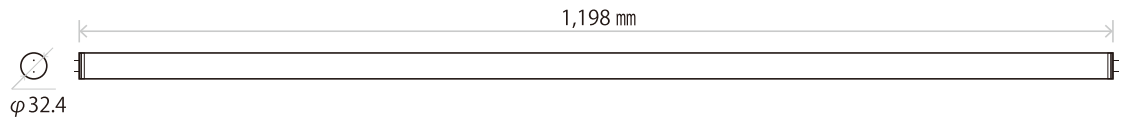
30W : VLT2-KA30WG/6K



32W : VLT2-KA32WG/6K



40W : VLT2-KA40WG/6K



**Specification Table**

	20W	30W	32W	40W
Model	VLT2-KA20WG/6K	VLT2-KA30WG/6K	VLT2-KA32WG/6K	VLT2-KA40WG/6K
Light Color	Daylight Color: 6000K			
Light Distribution Angle	300 degree			
Total Luminous Flux	1,390lm	1,530lm	2,060lm	2,660lm
Color Rendering	>83			
Power Consumption	11W	12W	16W	20W
Current	100V : 0.12A	100V : 0.13A	100V : 0.18A	100V : 0.23A
Input Voltage	200V : 0.06A	200V : 0.07A	200V : 0.09A	200V : 0.12A
Current Value Input Voltage	AC100V~240V (Output > 0.9)			
External Dimensions	φ 32.4 × 580mm	φ 32.4 × 630mm	φ 32.4 × 830mm	φ 32.4 × 1198mm
Weight	255g	270g	340g	460g
Base	G13 Base			
Wiring Method	Direct AC connection, double-ended wiring (one end live, the other neutral)			
Operating Ambient Temperature	-20°C to 55°C (humidity ≤ 95%)			
Protection Rating	IP65 (excluding lamp base)			
Design Life	40,000 hours (at ambient temperature of 25°C)			
Material	Polycarbonate, aluminum, copper (nickel-plated)			
Warranty Period	3 years			

※ When used in environments where the lamp operates for more than 20 hours per day, the warranty period will be reduced to half of the period stated on the label.  
 ※ Operating the lamp in high-temperature environments, such as when the sign surface is exposed to direct sunlight, may significantly reduce the product's lifespan.

SIZE  
A4

Product  
Name

LED tube lamp for internal illumination of single-sided signboards

- VLT2-KA20WG/6K     VLT2-KA30WG/6K
- VLT2-KA32WG/6K     VLT2-KA40WG/6K

VLT2-KA/6K-002

NIKKEN HARDWARE

**SAFETY PRECAUTIONS**

**⚠ WARNING / CAUTION**

- Install securely according to this manual. Improper installation may cause fire, electric shock, or falling.
- Do not modify the product.
- For indoor use only. Do not use in areas with vibration, impact,
- corrosive gas, salt damage, direct sunlight, moisture, rain, or heavy dust.
- Do not cover with insulation or similar materials.
- Use only the rated voltage shown on the product ( $\pm 10\%$ ).
- Keep a minimum distance of 0.15 m from the illuminated surface.
- Operating temperature:  $-20^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ .
- Do not install in fixtures with cut ballast wiring.
- Not dimmable. Do not connect to a dimmer.

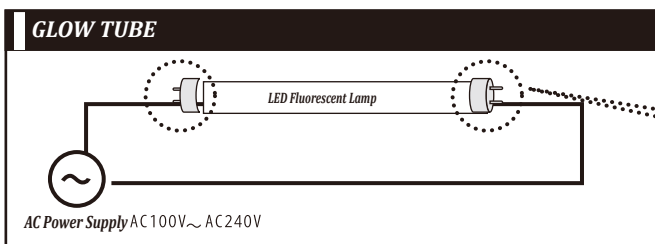
**LED FLUORESCENT LAMP INSTALLATION METHOD**

✂ This method applies to all types: glow, rapid-start, and inverter.

- (1) Be sure to turn off the power before starting any work.
- (2) Read the instruction manual carefully before installation.
- (3) Remove the product from the packaging and check for any external damage.
- (4) According to the wiring instructions below, disconnect and remove the glow starter and ballast.
- (5) Rewire so that the power supply is connected directly to the LED fluorescent lamp.
- (6) After completing the wiring, install the LED lamp into the socket to finish. *D HUYNH QUANG.*
- (6) SAU KHI HOÀN THÀNH ĐIỆN DÂY, LẮP ĐÈN LED VÀO SOCKET LÀ HOÀN TẤT.

«CAUTION»

- Wiring work must be performed by a qualified electrician.
  - For safety, always turn off the power before starting work.
  - To restore the fixture to its original condition, reconnect the wires that were disconnected before reverting. Do not install a conventional fluorescent lamp in fixtures where the ballast wiring has been disconnected.
  - For glow-type fixtures, the lamp may light when the glow starter is removed; however, this may cause unstable lighting or damage to the LED.
- For all glow, rapid-start, and inverter types, perform wiring according to the instructions below.
- If the fixture socket uses a rotating locking ("clamp") type, the ratchet end may rotate together when installing this product.
- In this case, insert the product and hold the tube firmly, then rotate the ratchet ends on both sides to secure it.
- When installing the 110W replacement type, be sure to use the fall-prevention accessory.



Both ends of the LED fluorescent lamp are internally connected, so there is no problem connecting the power to either side.

