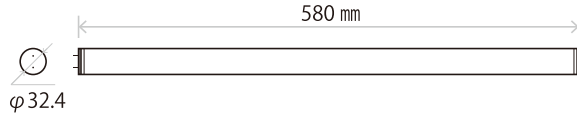
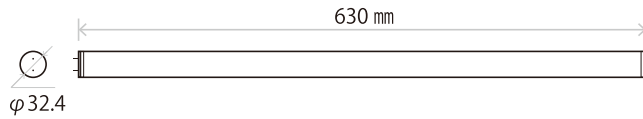


# Technical Drawing

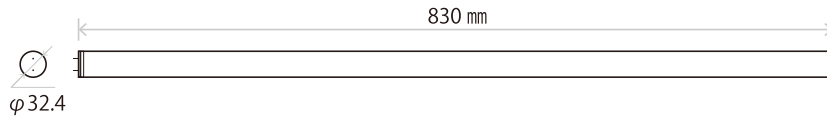
20W : VLT2-RY20WG/3K



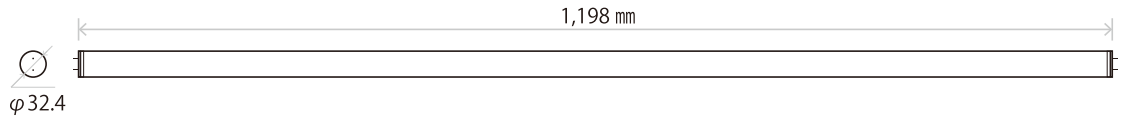
30W : VLT2-RY30WG/3K



32W : VLT2-RY32WG/3K



40W : VLT2-RY40WG/3K



## Specification Table

Product Code	20W	30W	32W	40W
Light Color	VLT2-RY20WG/3K	VLT2-RY30WG/3K	VLT2-RY32WG/3K	VLT2-RY40WG/3K
Beam Angle	Daylight Color : 6000K			
Luminous Flux	300lm			
Color Rendering Index (CRI)	1,390lm	1,530lm	2,060lm	2,660lm
Power Consumption	>83			
Current	11W	12W	16W	20W
Input Voltage	100V : 0.12A 200V : 0.06A	100V : 0.13A 200V : 0.07A	100V : 0.18A 200V : 0.09A	100V : 0.23A 200V : 0.12A
External Dimensions	AC100V~240V (Output>0.9)			
Weight	φ 32.4×580mm	φ 32.4×630mm	φ 32.4×830mm	φ 32.4×1198mm
Lamp Base	255g	270g	340g	460g
Wiring Method	G13 Base			
Operating Ambient Temperature	Direct AC connection, double-ended wiring (one end live, the other neutral)			
Protection Rating	-20°C to 55°C (humidity ≤ 95%)			
Rated Lifetime	IP65 (excluding lamp base)			
Material	40,000 hours (at ambient temperature of 25°C)			
Warranty Period	Polycarbonate, aluminum, copper (nickel-plated)			
	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.

**SEZI**  
**A4**

Product  
Name

LED tube lamp for internal illumination of single-sided signboards  
**LT2-RY20WG/3K**    **VLT2-RY32WG/3K**  
**VLT2-RY30WG/3K**    **VLT2-RY40WG/3K**

VLT2-KA/3K-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. **HUỖNH 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.

