

CERTIFICATIONS

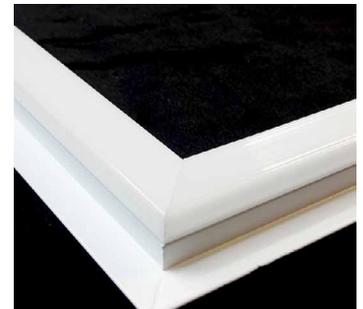
RoHS  
Compliant

CE

## PANEL FRAME LIGHT 48W

### SPECIFICATIONS

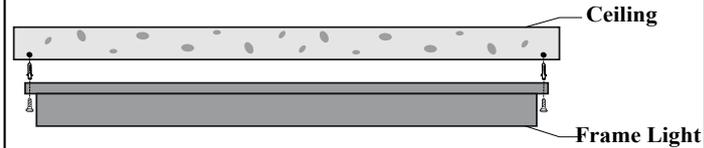
POWER	48W
VOLTAGE	AC 85-265V 50/60HZ
LED TYPE	SMD2835
NUMBER OF LEDs	240pcs
LAMP CURRENT	600±5%mA Constant Current
POWER FACTOR	>0.5
CCT	3000K-3500K, 4000K-4500K, 6000K-6500K
SDCM	<6
RATED LIGHT OUTPUT (base up, 25°C, 100 hrs) [lm]	4800LM (darkroom)
LOW LIGHT OUTPUT (base up, 25°C, 100 hrs) [lm]	4320LM (darkroom)
CRI	Ra>80
RATED LUMINOUS EFFICACY	90- 100 LM/W (darkroom)
LUMEN MAINTENANCE AT END OF SERVICE LIFE	>70%
BEAM ANGLE	180°
LIFESPAN	35,000H (Lifetime (50% failure by a switching cycle 165' on / 15' off at 25°C)
SWITCHING CYCLES UP TO 50% FAIL- URE (60S ON / 180S OFF)	100,000 Cycles
IGNITION TIME (25°C, 198V)	<1S
TEMPERATURE RANGE TO REACH 90% LIGHT OUTPUT (BASE UP)	40°C-50°C
LIGHT OUTPUT VARIATION AT + 10% LINE VOLTAGE VARIATION	2%
OPERATING TEMPERATURE RANGE	-25°C-60°C
MATERIAL	ALUMINUM + PC
DIMENSIONS	595x595x15mm



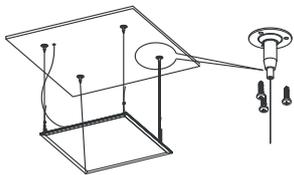
**Recessed Installation**



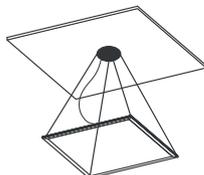
**Surface Mounted Installation**



**Suspending Installation A**

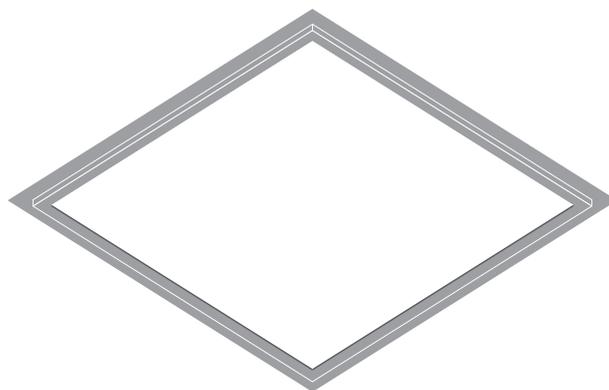


**Suspending Installation B**



Both suspending accessories need to buy seperately

**LED Frame Panel Light**  
VOL-FPL-048-CW-2x2



Before installation, read the instructions carefully. Keep this notice in the near place.



RoHS

**Product Parameter:**

Item No.:	VOL-FPL-048-CW-2X2
Wattage:	48W
Input Voltage:	AC85-265V, 50/60Hz
Lumens:	4800lm
Protections:	IP20 - Classe II



**Safety and Installation Tips**

- Product LEDs are not replaceable. At the end of life, please bring the entire device back to a recycling center.
- Before starting use of the light, please check if the light was damaged during transportation. If any damage shown, please DO not install or use it.
- Any installation or maintenance work should be done by the professionals.
- To continue with the installation or any intervention, turn off the power supply.
- Do not use the damaged power cord, it may cause fire or electric shock.
- Use a rubber cable that meets all applicable standards.
- Do not expose the equipment to extreme temperature, strong vibration or high mechanical stress.
- Non-professionals are not allowed to disassemble and maintain the frame lights.
- Keep children away from the frame lights, there are some small components that may be swallowed by children, and never allow them to play with electrical devices.
- Try to avoid looking directly at lights for a long time.

