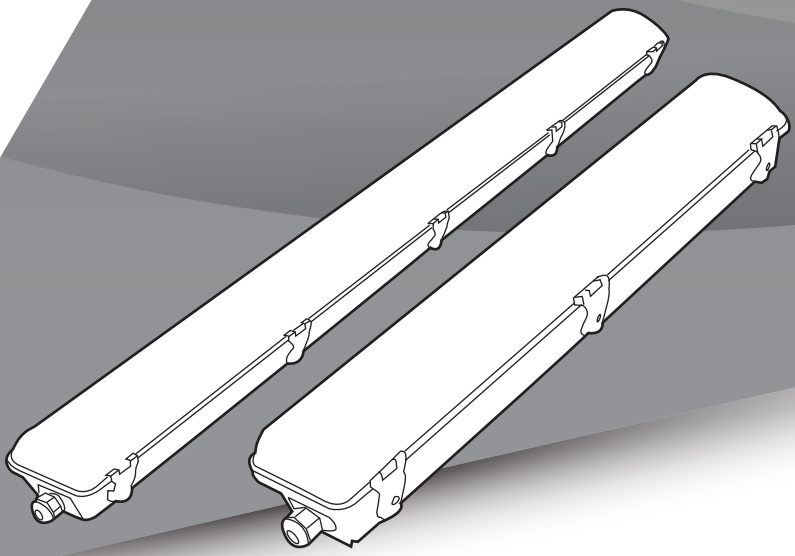
VOLTEX® LIGHTING

Installation Guide



Weatherproof LED Battens

LW1236-5k (1160mm 36W)
LW1248-5k (1160mm 48W)
LW624-5k (600mm 24W)
Rated Voltage 220-240-50Hz

7 YEAR WARRANTY

IP 66

Introduction / Warning

Thank you for your purchase of this Voltex Lighting product. Please read these instructions carefully before installing and using the product. Keep the instructions handy for future reference.

⚠⚠WARNING

RISK OF ELECTRIC SHOCK
It is illegal for persons other than an appropriately licensed electrician or other persons authorised by legislation to work on the fixed wiring of any electrical installation.

· To comply with all safety standards, the product must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed. e.g. AS/NZS 3000 Electrical Installations
· There are no user serviceable parts inside the product.

Failure to follow these instructions can result in death or serious injury.

Specifications

Product Code	LW624-5K	LW1236-5K	LW1248-5K
Input Voltage	"200-260VAC 50/60Hz"		
Opal diffuser material	UV Stabilized Polycarbonate (PC) Opaque White		
Body material	Polycarbonate (PC) Grey		
Fire-proof grade	V-0		
Input Power (watts)	24	36	48
Clips & Mounting Brackets	304 Stainless Steel		
Terminal Block	3 poles screw terminal 6mm^2 capacity		
Driver Efficiency	>85.1		
Driver Brand	OSRAM® OPTOTRONIC		
LED Brand	LG® , LM-80		
LED Type	SMD2835		
LED Qty (Pcs)	50	75	104
CCT - Colour Temperature (Kelvin)	5000K		
CRI (Colour Rendering Index)	>80		
Typical Lumens (+/-5%)	2500Lm	3700Lm	4900Lm
Lighting Efficiency	up to 105Lm/W		
Power Factor	>0.95		
Beam Angle	120°		
IK rating (Input Resistance)	IK08 (Protection against 5 joule impact)		
IP rating	IP66		
Warranty	7 years		
Certificates	SAA ,ROHS, EN62471, ISO 9001:2008		
Net Weight	1.3kg	2.2kg	2.2kg
Product Size(mm)	600 (L) x 120 (W) x 108 (H)	1160 (L) x 120 (W) x 108 (H)	1160 (L) x 120 (W) x 108 (H)
Fixing Hole Centre	330mm	770mm	770mm
Maximum Luminaires per circuit (Typical) Type C 16A	85	48	48
Operating temperature	-20 to +50^{0}C		

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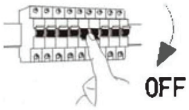
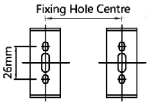
Installation

A Turn off the switch.

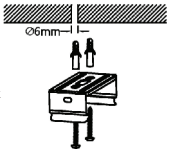


B 1) Drill 06mm holes according to below drawing.

Model	Power	Fixing Hole Centre
LE624-5K	24W	330mm
LE1236-5K	36W	770mm
LE1248-5K	48W	770mm

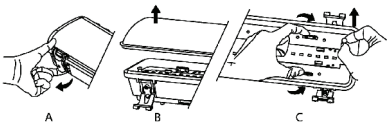


2. Insert 06mm expansion pipe in the wall ,fix the mounting bracket by M4 screw.



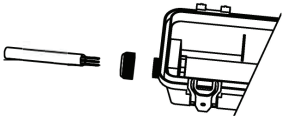
C

1) Firstly open the clips like picture A
2) Secondly take off the diffuser like picture A
3) Hold on the stainless fixator,take off the gear tray like picture C

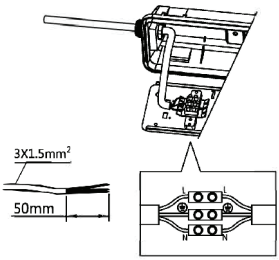


D

1) Loosen the nut of the cable gland ,put the cable through the cable gland

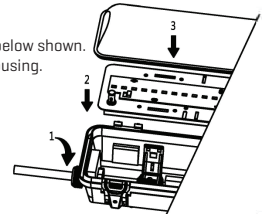


2) Connect the cable on the terminal block as below shown and tighten the cable gland

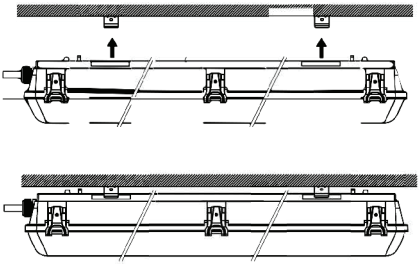


E

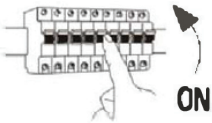
1) Tighten cable gland as below shown.
2) Fix gear tray with the housing.
3) Close the diffuser.



F 1) Fix the lamp on the wall.



G Turn on the switch



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Warranty

1. Seven Year Warranty. Replacement Warranty will be provided during the warranty period if the lamp suffers quality problems.
2. During the warranty period, the client shall return the damaged goods or failed parts for inspection and repair by Voltex Electrical. Voltex Electrical shall then send the fixed or new parts back.
3. Replacement Warranty will be provided once valid documents are presented.
4. The following circumstances will not attract Replacement Warranty:
   a. Damage caused, including, but not limited to, damage from abnormal working conditions, improper usage, storage that does not conform to the instruction manual;
   b. Dismantling, modification or improper installation or repairing of the products without Voltex Electrical's authorisation;
   c. No valid proof of purchase documents;
   d. Damages caused by environmental circumstances including, but not limited to, fire, flood, lightning strike, earthquake.
5. Voltex Electrical has the sole right to interpretation and amendment of the above articles.

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