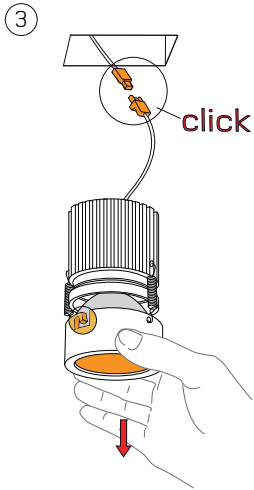
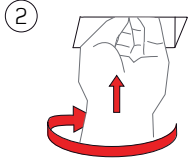
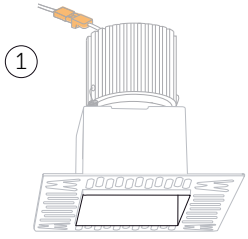
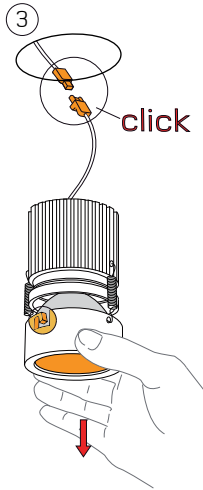
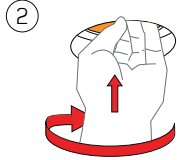
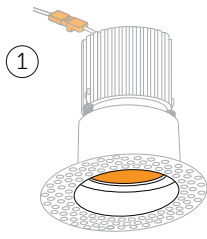


insert removal:

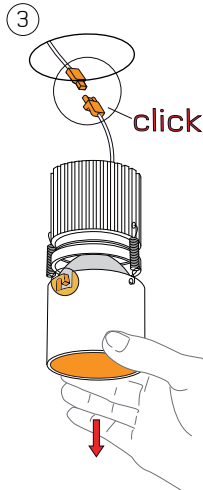
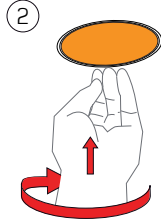
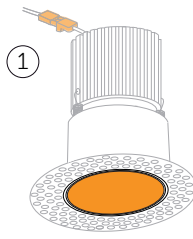
P60SDL



P60RDL



P60RDL-FG

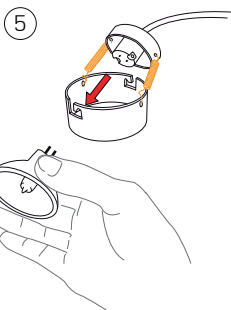
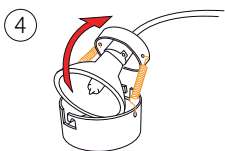


lamp removal

Contact whitegoods at end of LED lamp life (projected lifetime of LED is 50,000hrs)

Plug and play option only available with LED lamp sources

To replace traditional lamp sources follow step 4 and 5.



whitegoods

installation instructions / 60 plaster-in downlight:

P60SDL-LVR
P60SDL-LEDR/MVR
P60SDL-CDMR
P60SDL-LED-XI
P60SDL-LED-CL

P60RDL-LVR
P60RDL-LEDR/MVR
P60RDL-CDMR
P60RDL-LED-XI
P60RDL-LED-CL
P60RDL-FG-LVR
P60RDL-FG-LEDR/MVR
P60RDL-FG-CDMR
P60RDL-FG-LED-XI
P60RDL-FG-LED-CL

lamp position

- Lamp is regressed 30mm as standard.
- For flush glass order separate insert or accessory.

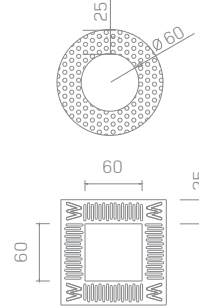
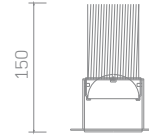
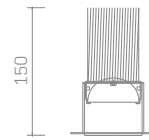
cut-out:

70mm x 70mm

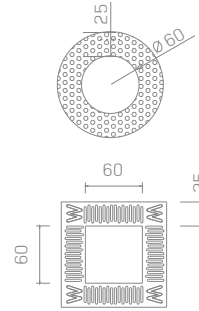
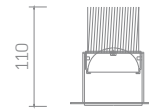
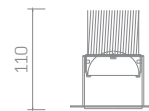
cut-out:

Ø 70mm

Standard LED heatsink

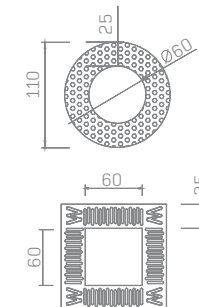
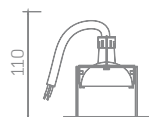
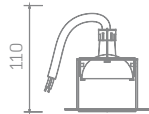


Reduced depth LED heatsink






- Recess depth required for all integral CMH, CDMR and LED lamps is 170mm
- Recess depth required for emergency lamps is 200mm

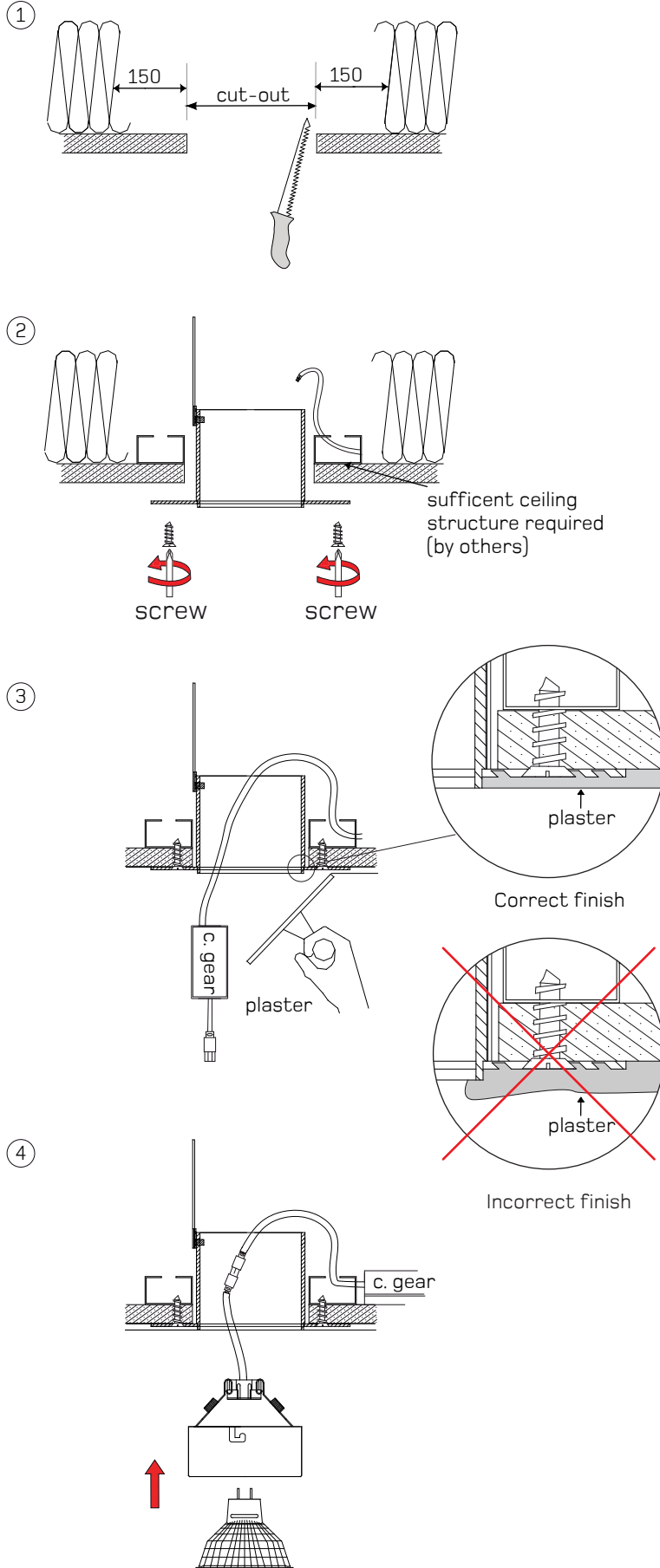
Traditional lamp sources



- Recess depth required for LVR & MVR lamps is 110mm

-  Ensure all mains power is switched off at source.
-  Do not attempt installation or maintenance on electrically live product.
-  Installation and maintenance to be carried out only by a qualified electrician or electrical contractor.

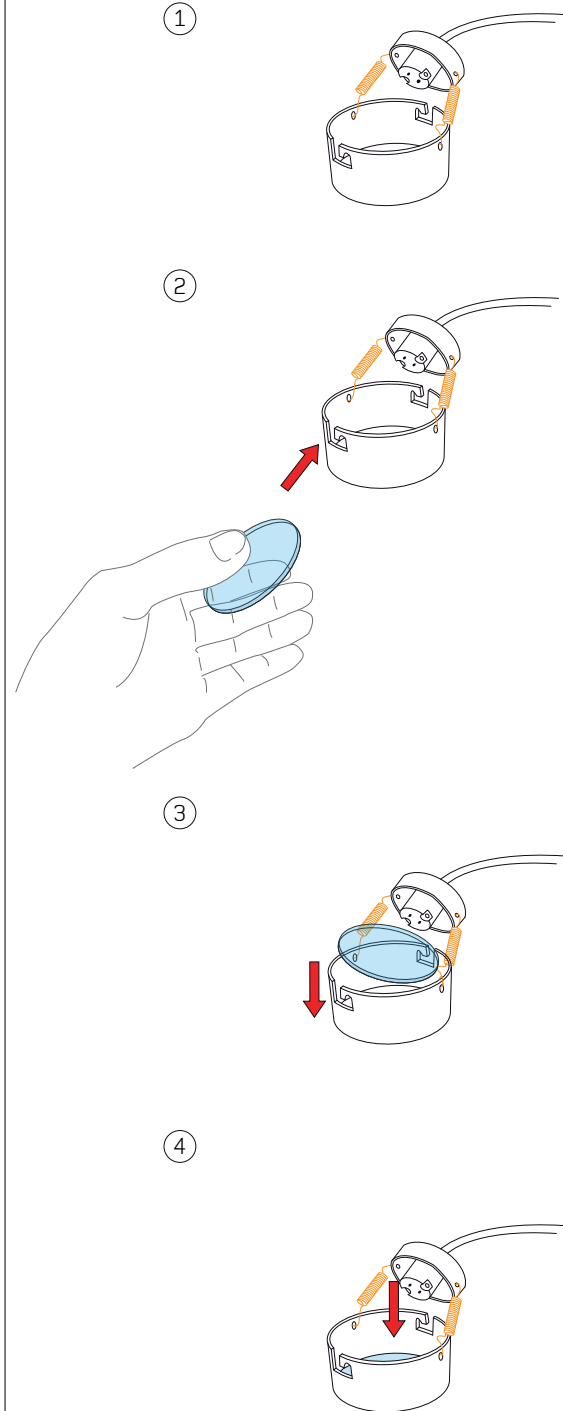
installation instructions / 60 plaster-in downlight:



whitegoods

installation instructions / 60 Accessories

- AG-50-F
- AG-50-C
- AG-50-S
- AG-50-P
- AL-50



Glass Accessory installation shown.
Follow same process for Louvre installation

Registration number is WEE/FG0362QY

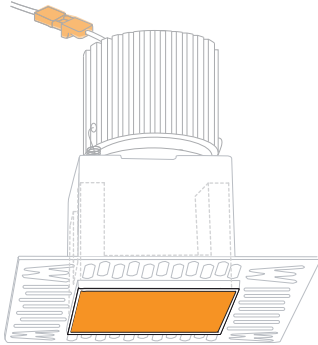
whitegoods

installation instructions / 60 plaster-in downlight:

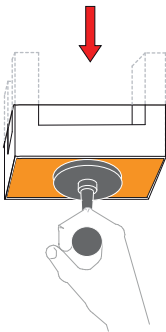
AG-60SF-F

Suction cup tool supplied with accessory

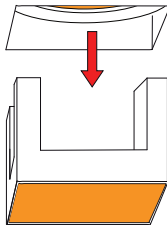
1



2



3



insert removal:
B60SDL; B60RDL

insert removal:
B60SDLIP; B60RDIP

whitegoods

installation instructions / 60 bezel downlight:

B60SDL-LVR
B60SDL-LEDR/MVR
B60SDL-CDMR
B60SDL-LED-XI
B60SDL-LED-CL
B60SDLIP-LVR
B60SDLIP-MVR
B60SDLIP-CDMR
B60SDLIP-LED-XI
B60SDLIP-LED-CL

B60RDL-LVR
B60RDL-LEDR/MVR
B60RDL-CDMR
B60RDL-LED-XI
B60RDL-LED-CL
B60RDIP-LVR
B60RDIP-MVR
B60RDIP-CDMR
B60RDIP-LED-XI
B60RDIP-LED-CL

lamp position

Lamp is recessed 30mm as standard. For flush glass order separate accessory. Unavailable for IP fittings.

IP frame designed for 12.5mm plaster thickness

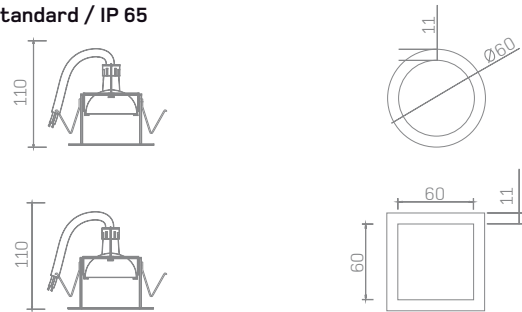
cut-out:

70mm x 70mm

cut-out:

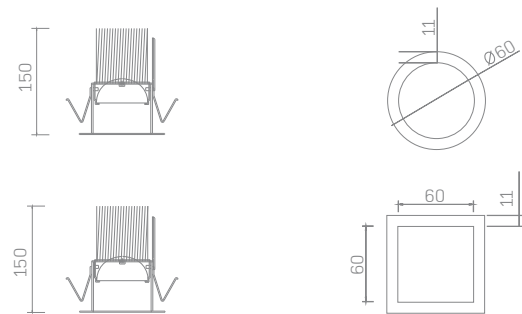
Ø 70mm

standard / IP 65

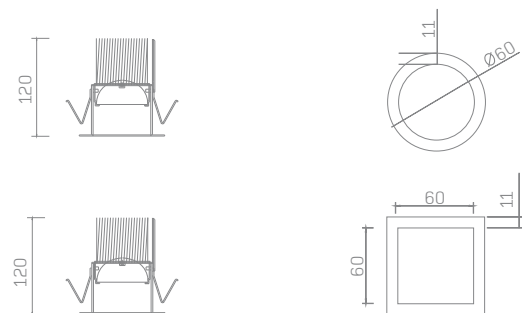


Recess depth required for LVR & MVR lamps is 110mm

Standard LED heatsink

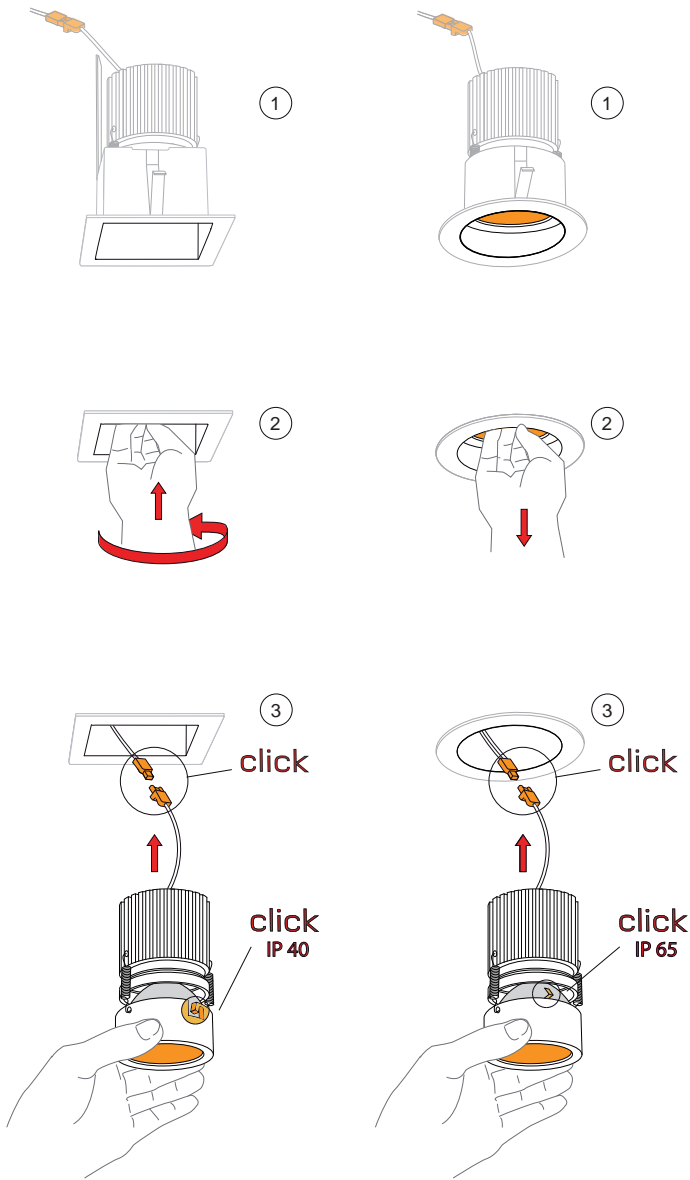


Reduced depth LED heatsink



Recess depth required for all integral CMH, CDMR and LED lamps is 170mm

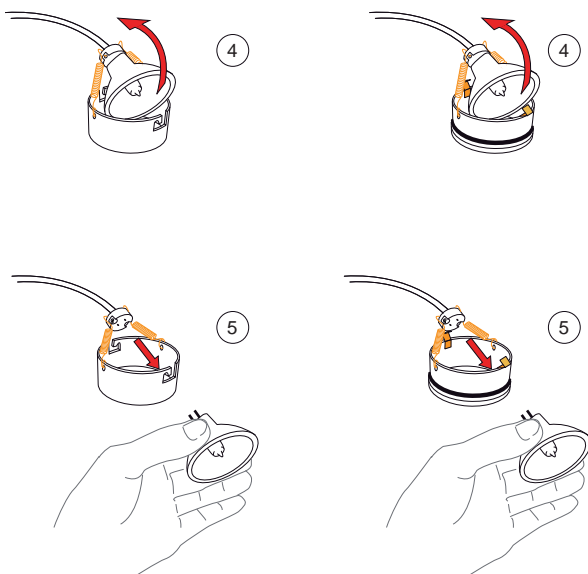
Recess depth required for emergency lamps is 200mm



lamp removal

Contact whitegoods at end of LED lamp life
(projected lifetime of LED is 50,000hrs)

Replacing all other lamp types follow step 4 and 5.



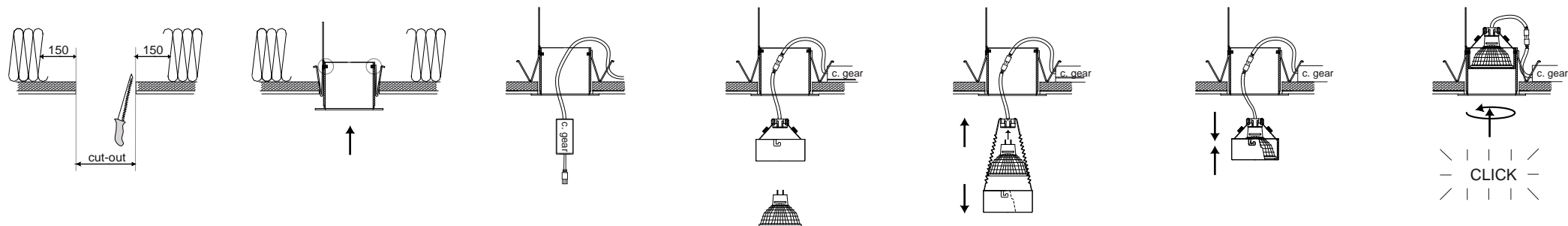
0,5m



Registration number is WEE/FG0362QY

whitegoods

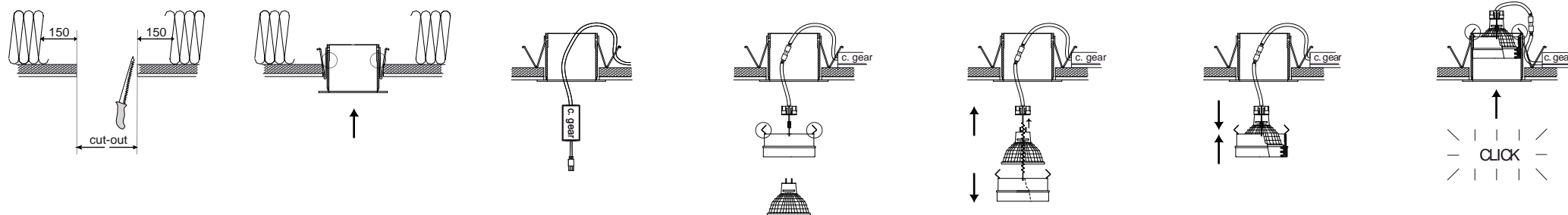
installation instructions / 60 bezel downlight:



B60SDL; B60RDL

B60SDL-LVR
B60SDL-LEDR/MVR
B60SDL-CDMR
B60SDL-LED-XI
B60SDL-LED-CL

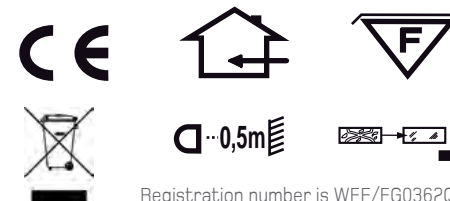
B60RDL-LVR
B60RDL-LEDR/MVR
B60RDL-CDMR
B60RDL-LED-XI
B60RDL-LED-CL



B60SDLIP; B60RDLIP

B60SDLIP-LVR
B60SDLIP-LEDR/MVR
B60SDLIP-CDMR
B60SDLIP-LED-XI
B60SDLIP-LED-CL

B60RDLIP-LVR
B60RDLIP-LEDR/MVR
B60RDLIP-CDMR
B60RDLIP-LED-XI
B60RDLIP-LED-CL



Registration number is WEE/FG0362QY

GB

Installation

Disconnect the mains supply before installation. This fixture is to be installed and maintained by a recognised electrician.

1. Cut-out the required mounting aperture and install the frame (A) to the soffit as shown. Make sure the spring clips are fixed securely against the soffit. (Use a timber backing for extra support if required)
2. Remove any insulation or obstruction within 150mm of the frame.

Make the electrical connection as follows:

1. Connect the mains power supply to the primary input on the supplied transformer. Refer to transformer for detailed wiring diagram. Use only Whitegoods supplied transformers.
2. Connect the twin lamp holder cable to the supplied transformer. Refer to transformer for detailed wiring diagram.
3. Insert lamp into the lamp cartridge as shown, use only specified lamps.
4. Insert the lamp cartridge (B) into the frame (A), rotate clockwise to engage over the bayonet pins (C) and release to lock.

Re-lamping Procedure

Disconnect the mains supply before re-lamping

1. Push the lamp cartridge (B) then rotate anti-clockwise to disengage from the frame (A) and gently lower the assembly until the lamp is accessible.
2. Replace the lamp within the lamp cartridge (B). Dispose of lamp as per specific regulations.

ITA

Installazione

Prima dell'installazione staccare le corrente.

L'installazione e qualsiasi intervento deve essere effettuato da un elettricista autorizzato.

1. Ritagliare un'apertura e fissare il telaio (A) al soffitto come mostrato. Fare attenzione che le molle facciano buona presa contro il soffitto. Utilizzare un rinforzo in legno qualora siano necessari dei punti di fissaggio piu' solidi.
2. Rimuovere il materiale isolante o eventuali altri ostacoli nel raggio di 150mm dal telaio.

Effettuare il collegamento elettrico come segue

A. Collegare la corrente principale al trasformatore. Per un diagramma di cablaggio piu' dettagliato fare riferimento alle indicazioni sul trasformatore. Utilizzare solo i trasformatori forniti da Whitegoods.

B. Riconnettere le prese maschio del trasformatore con la presa femmina del portalampada.

3. Inserire la lampadina adeguata all'interno del portalampada (B) (come mostrato in figura).
4. Inserire il portalampada (B) nel telaio (A), ruotare in senso orario per allinearne con i supporti a baionetta (C) e rilasciare per bloccare.

Sostituzione della lampadina

Staccare la corrente prima di sostituire la lampadina.

1. Spingere il portalampada (B) all'interno del telaio (A) e poi ruotare in

senso antiorario per sganciarlo dai supporti a baionetta alle stadi (C)

4. Sostituire la lampadina all'interno del portalampada (B) (utilizzare lampadine a norma con il sistema di illuminazione)

3. Spingere il portalampada (B) all'interno del telaio (A) e poi ruotare in senso antiorario per sganciarlo dai supporti a baionetta alle staffe (C)

FR

Installation

Débrancher la source principale d'alimentation électrique avant de procéder à l'installation. Cet accessoire doit être installé et entretenu par un électricien autorisé seulement.

1. Creuser une ouverture de montage et monter l'armature (A) sur le soffite comme indiqué. S'assurer que les brides de ressort adhèrent parfaitement à la surface du soffite. (Utiliser une latte de bois si un support plus robuste se rend nécessaire).
2. Enlever toute isolation ou obstruction dans les 150 mm autour de l'armature.

Effectuer les connexions électriques comme suit :

1. Connecter la source principale d'alimentation à l'entrée primaire sur le transformateur fourni. Consulter le schéma de câblage détaillé fourni avec le transformateur. N'utiliser que les transformateurs fournis par Whitegoods.
2. Connecter le deuxième étrier de câble de la lampe au transformateur fourni. Consulter le schéma de câblage détaillé fourni avec le transformateur.
3. Insérer l'ampoule dans le porte-ampoule comme indiqué. N'utiliser que les ampoules conseillées.
4. Insérer le porte-ampoule (B) dans l'armature (A) en exerçant une légère pression, tourner dans le sens horaire pour engager les ergots et relâcher pour bloquer.

Remplacement de l'ampoule

Débrancher la source principale d'alimentation avant de remplacer l'ampoule.

1. Exercer une légère pression sur le porte-ampoule (B), tourner dans le sens anti-horaire pour le désengager de l'armature (A) et baisser l'ensemble pour accéder à l'ampoule.
2. Remplacer l'ampoule en la dévissant du porte-ampoule (B). Eliminer l'ampoule conformément aux normes en vigueur dans ce domaine.
3. Insérer le porte-ampoule (B) dans l'armature (A) en exerçant une légère pression, tourner dans le sens horaire pour engager les ergots (C) et relâcher pour bloquer.

SP

Instalación

Desconecte la alimentación eléctrica antes de llevar a cabo la instalación. Esta luminaria debe ser instalada y mantenida por un electricista autorizado.

1. Corte la abertura necesaria para empotrar la luminaria y fije el bastidor (A) al falso techo como se muestra. Compruebe que las pinzas de sujeción queden firmemente ancladas al falso techo. (Si se requiere una fijación más segura utilice un listón de madera para reforzar el falso techo)
2. Retire el material aislante o cualquier otro obstáculo que se encuentre a una distancia de 150 Mm. del bastidor.

Haga las conexiones eléctricas como se indica a continuación:

1. Conecte la alimentación eléctrica a la entrada primaria del transformador provisto. Véase el transformador para un diagrama detallado del cableado. Utilice sólo los transformadores Whitegoods suministrados.
2. Conecte el cable del portalámparas doble al transformador suministrado. Véase el transformador para un diagrama detallado del cableado.
3. Coloque la bombilla en el casquillo de la bombilla como se muestra, utilice sólo bombillas especificadas.
4. Coloque el casquillo de la bombilla (B) en el bastidor (A), rote en el sentido de las manecillas del reloj para encajar los tetones de la bayoneta (C) y libere para bloquear.

Cambio de la bombilla

Antes de cambiar la bombilla desconecte la alimentación eléctrica.

1. Presione el casquillo de la bombilla (B), después gire en sentido contrario a las manecillas del reloj para desencajar del bastidor (A) y lentamente haga descender el conjunto hasta que la bombilla sea accesible.
2. Sustituya la bombilla dentro del casquillo de la bombilla (B). Deshágase de la bombilla según las normas específicas.
3. Coloque el casquillo de la bombilla (B) en el bastidor (A), rote en el sentido de las manecillas del reloj para encajar los tetones de la bayoneta (C) y libere para bloquear como se muestra.

Installation

The installation of these products should only be carried out by a suitably qualified electrician in accordance with the instructions supplied with the product. All installation instructions can be downloaded from our website. We recommend that they are included with construction issue drawings and specifications.

Ceiling void depths for recessed downlights and linear luminaires: The Ceiling void depth should ideally be 25mm deeper than the overall height of the luminaire. When a fire-hood and/or a remote emergency pack is to be used, the void depth and space surrounding the luminaire will need to be increased.

Dimensions and specification

The drawings, dimensions and finishes of the products in this catalogue and any accompanying information are purely indicative. Great care is taken to provide up to date information in this publication, however, due to a continuing programme of design and development, we reserve the right to change these dimensions without prior notice. Please check the website for most up to date information. If a dimension is critical to the success of your project, please confirm it directly with the technical department. Throughout this publication, cut-out sizes refer to the aperture required when fittings are mounted in soft plasterboard. For fibrous tiles, timber, metal tiles and cast-in construction, check dimensions on site, or ask for a sample. Whitegoods reserves the right to discontinue any product in this publication at any time without prior notice.

Performance

All photometric data supplied is taken from a standard production luminaire tested under ideal laboratory conditions and may vary from data taken in alternative conditions. All calculated light levels and/or lighting plots provided are offered for guidance only. The customer must satisfy themselves that luminaires proposed are suitable for the application intended in all performance and physical criteria.

Temperature and physical environment

All products are tested with stated lamp wattage. Incorrect lamp types and wattages may effect efficiency, create glare and seriously overheat the luminaire. Adequate ventilation and free air space around fittings (in accordance with the installation instructions supplied with the product) will be necessary when used in confined spaces where elevated temperatures will occur. All luminaires are designed to operate in a maximum 30degree ambient temperature. Operating in ambient temperatures above this can affect performance and the mechanical functionality of the luminaire.

Intellectual property

In order that we can continue to develop innovative quality products, we believe it is of critical importance that we protect our ideas and visions. Therefore any infringement of our intellectual property will be vigorously pursued.

Returns

We cannot offer refunds on Custom or Tailored products, Standard product may be eligible for re-stocking within 3 months of original purchase date, subject to a 30% handling charge. All original packaging and documentation must be present and goods must be in original condition.

Service

Whitegoods will endeavor to fulfill all orders as quickly as possible and treat all customers with the highest regard. For further information about Whitegoods products and services, please visit www.whitegoods.com.

WEEE directive



The Waste Electrical and Electronic Equipment Directive (WEEE Directive) is the European Community directive 2002/96/EC on waste electrical and electronic equipment, together with the RoHS Directive 2002/95/EC which became European Law in February 2003, setting collection, recycling and recovery targets for all types of electrical goods. This imposes responsibility for the disposal of waste electrical and electronic equipment (WEEE) on the manufacturers of such equipment. To meet these targets Whitegoods has become a member of Lumicom to allow us to meet the current and future directives. For further information on the WEEE directive please contact our offices.

WEEE Registration number is WEE/FG0362QY