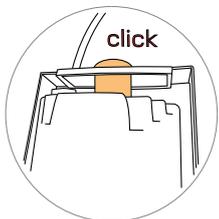
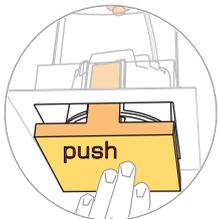
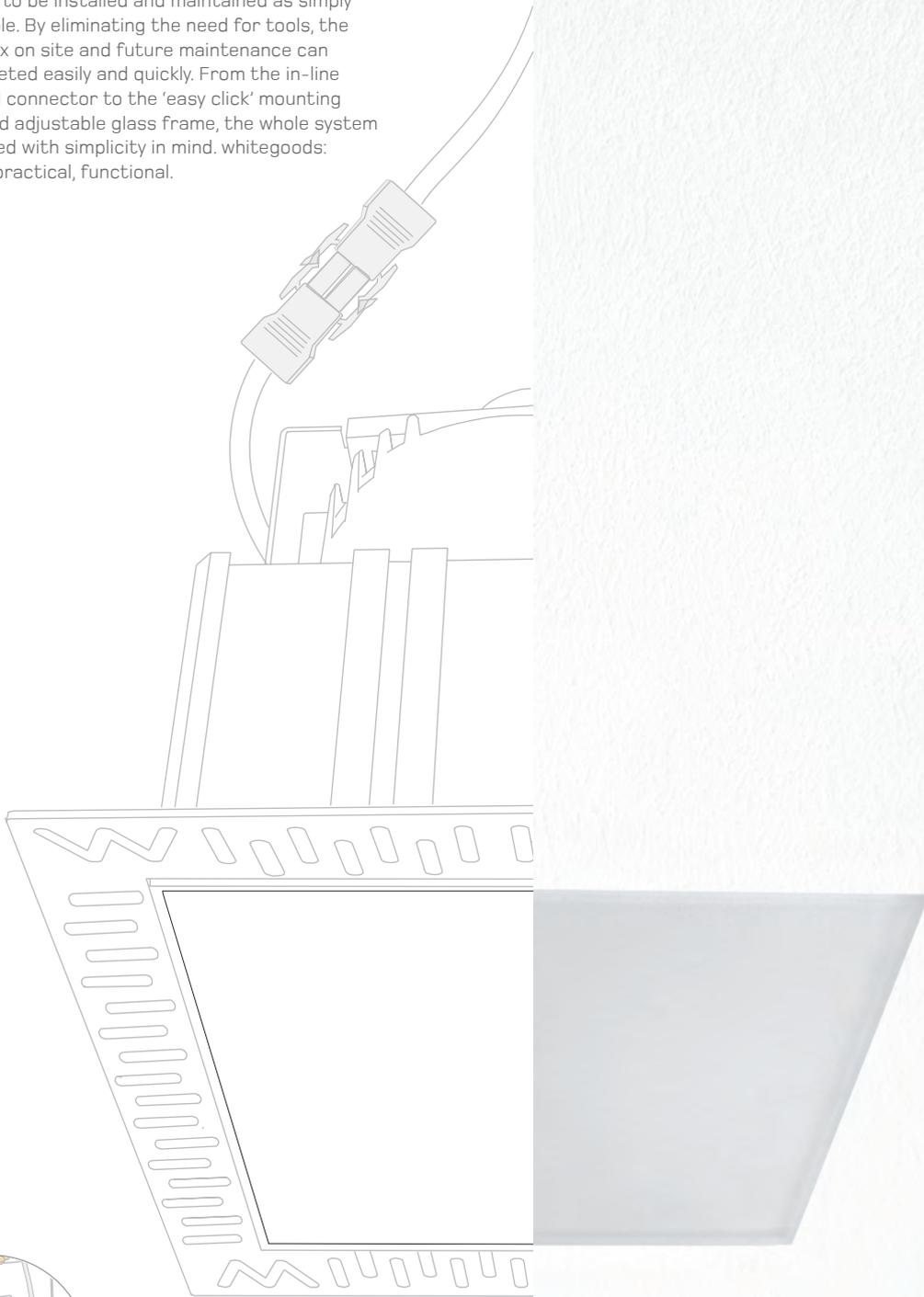


perfect finish

Wherever possible whitegoods products are designed to be installed and maintained as simply as possible. By eliminating the need for tools, the second fix on site and future maintenance can be completed easily and quickly. From the in-line electrical connector to the 'easy click' mounting frame and adjustable glass frame, the whole system is designed with simplicity in mind. whitegoods:
Minimal, practical, functional.

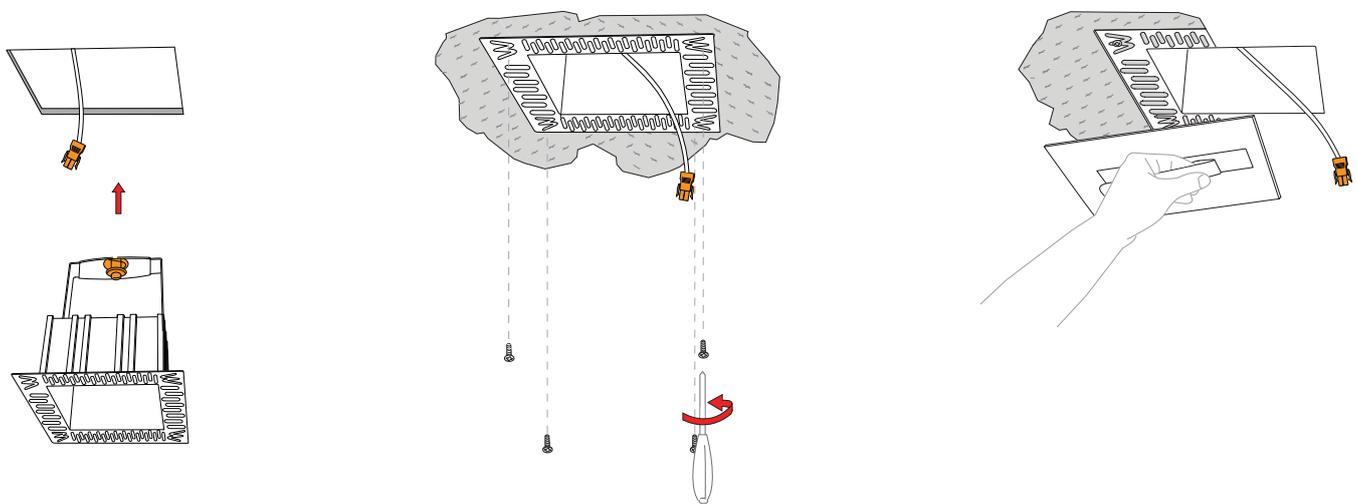


easy click

Although developed to meet aesthetic requirements, all whitegoods lighting tools are designed with ease of use in mind. Almost all of the range conform to a three part system:

1. An installation housing: we call the 'Mounting Frame'.
2. An electrical/optic cassette: we call the 'Insert'.
3. A cover, lens, or diffuser: we call this the 'Glass Frame' (for the downlights) or the 'Diffuser'.

We show below an example of the installation process. We have chosen to show the plaster-in downlight because many people assume that it is a difficult process. In fact it is very simple. Contractors instinctively recognise the simplicity and practicality of this patented system.



1

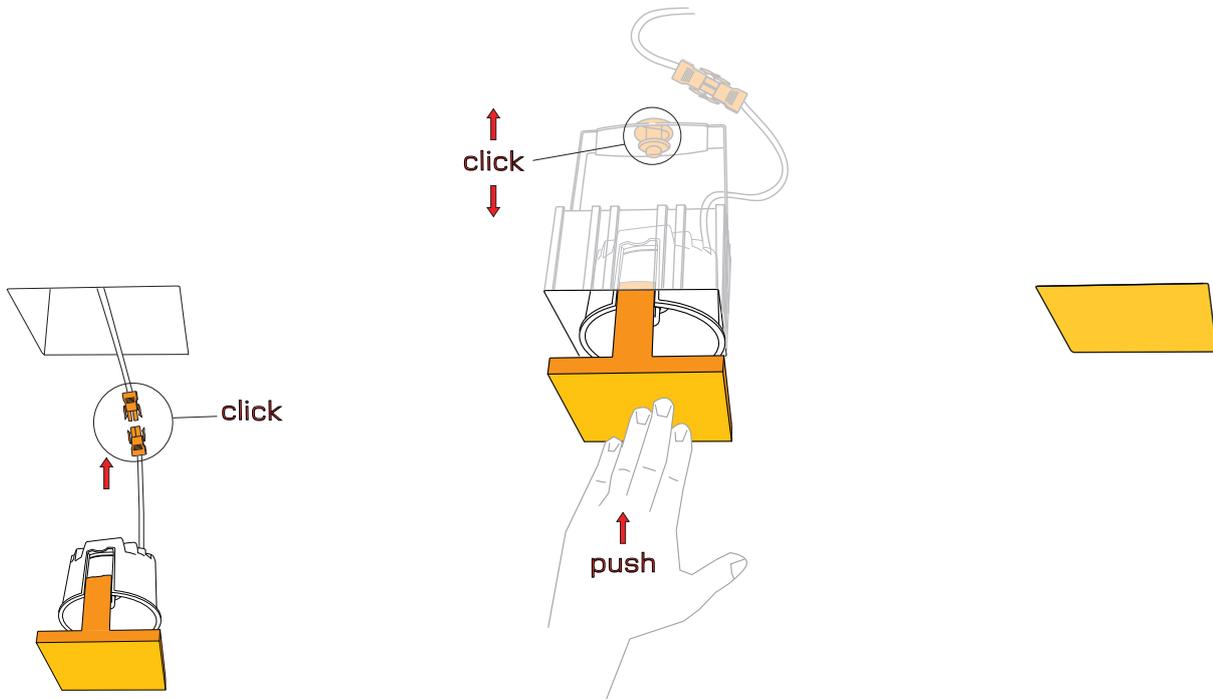
The required hole is prepared in the mounting surface. The area above and around is checked for obstructions. The electrical supply is fitted with the connector (in most cases supplied with the luminaire). Any low voltage transformer or fluorescent control gear is normally fitted at this stage, although it can be done later (all components supplied by whitegoods will fit through the mounting frame). The frame can then be offered up into position.

2

The plaster-in frame is fixed to the ceiling by means of standard plasterboard screws. The patented plaster trim detail ensures that you will never see cracking around whitegoods plaster-in fittings.

3

The frame can then be integrated into the ceiling with the 'tape-and-joint' method, or simply with a traditional plaster finish. Ideally any excess plaster is cleaned from the inside surface of the mounting frame whilst still wet. Once dry the ceiling can be decorated. No need to paint the inside of the frame though, it is RAL 9010 white finish.



4

Now that all the 'wet trades' are finished, and the site is dust free, the second fix can be carried out in a matter of seconds. Simply connect the in-line plug and offer the insert up into the mounting frame, checking that the cable is not liable to foul on the mounting frame.

5

Push the insert into the mounting frame until a click can be felt or heard. The insert will then return by 1 or 2mm and click again.

6

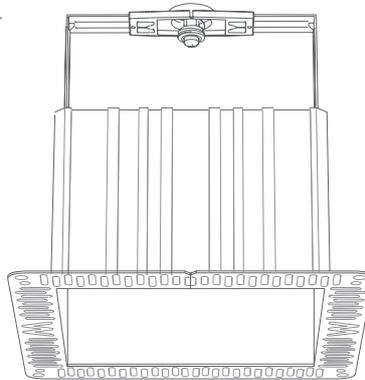
The whitegoods downlight is installed: minimal, practical, functional.

Lighting which can evolve with your space.

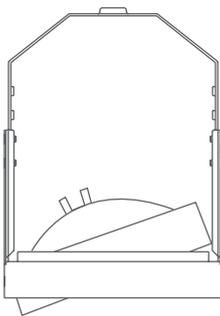
We don't know what benefits future technologies will offer us. However, with the whitegoods modular installation philosophy, you can have flexibility you need now, as well as allowing for the technology of the future.

The whitegoods installation housing (plaster-in or bezel) will accept any of our 100 size inserts. Therefore, the specifier or end user can change their mind and swap light source whenever they like. Moreover, a downlight insert can be swapped for a directional gimbal insert. Ideal for a truly multi use, flexible, and future proof space.

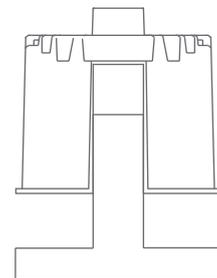
plaster-in frame



gimbal insert



downlight insert

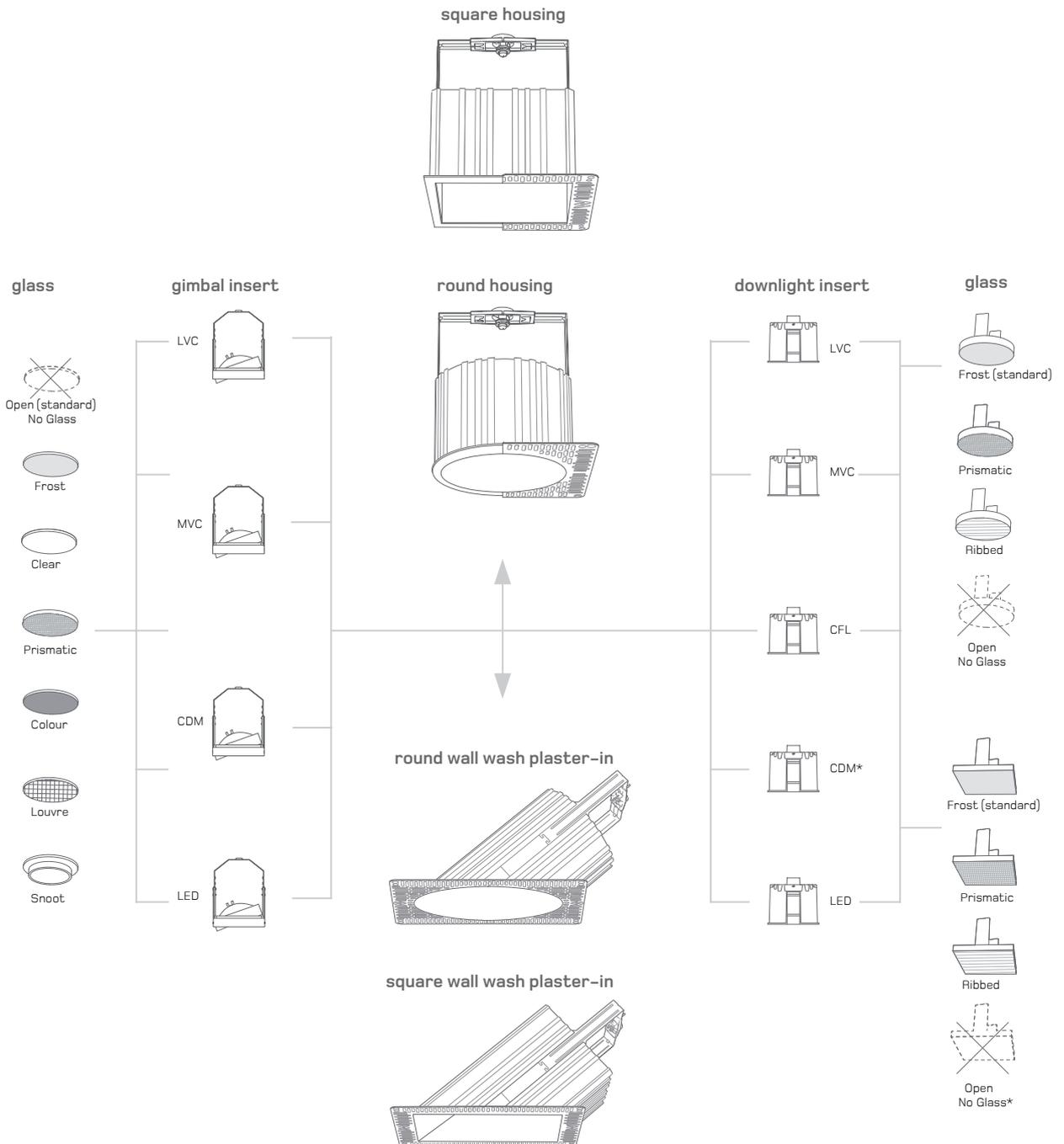


or



modular system

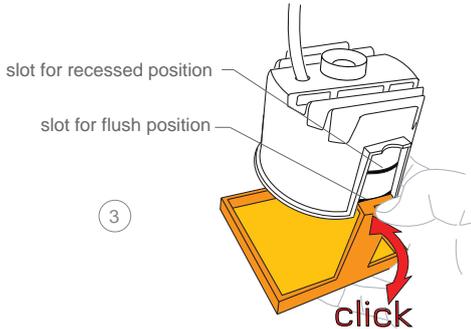
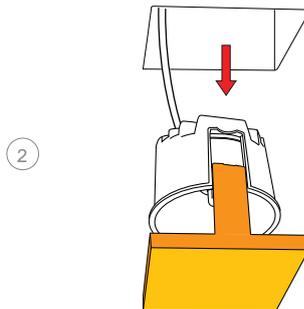
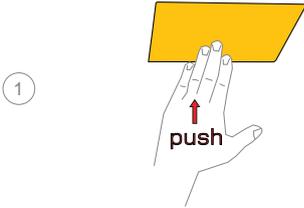
The modular system allows multifunctional frame inserts to be replaced for different functions; gimbal or downlight; and different lamp types. Different functionality and lamping can be achieved within the same installation, simply by replacing the inserts.



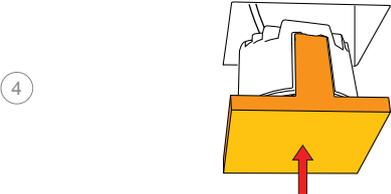
*CDM always requires glass cover

modular family

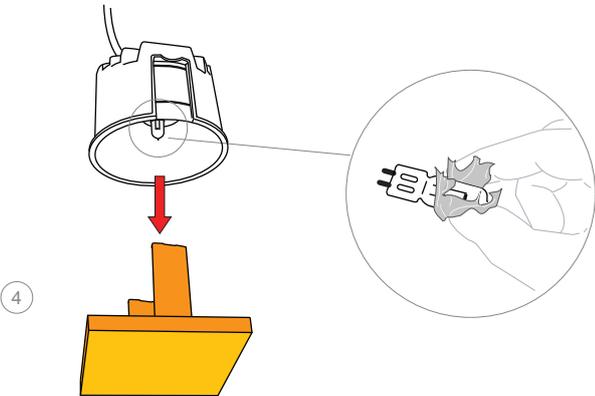
size	downlight	wall wash	ceiling wash	floor wash	linear
60					
application	plaster-in bezel IP65 rated	plaster-in IP65 rated	plaster-in bezel	plaster-in bezel	plaster-in bezel surface mount suspension
lamp	LVC MVC LED CDM	LVC MVC LED CDM	LED	LED	T5
accessories	frosted glass glass louvre	frosted glass (gimbal) louvre (gimbal)			
100					
application	plaster-in bezel surface mount	plaster-in	plaster-in bezel	plaster-in bezel	plaster-in bezel surface suspended
lamp	LVC MVC LED CDM	LVC MVC LED CDM	LED	LED	T5
accessories	frosted glass (gimbal) louvre (gimbal) glass	frosted glass (gimbal) louvre (gimbal)			
150					
application	plaster-in bezel	plaster-in	plaster-in bezel	plaster-in bezel	plaster-in bezel surface suspended
lamp	LVC MVC (gimbal) LED CDM CFL	LVC MVC LED CDM CFL	LED	LED	T5
accessories	frosted glass (gimbal) louvre (gimbal) glass	frosted glass (gimbal) louvre (gimbal)			



flush or recessed glass option

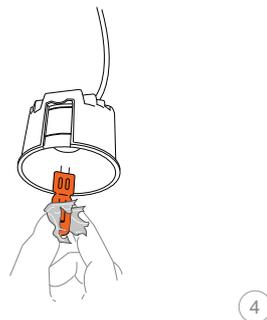
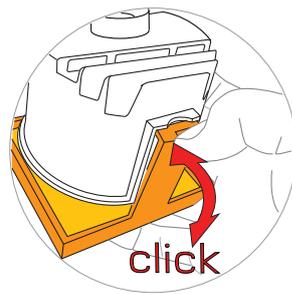
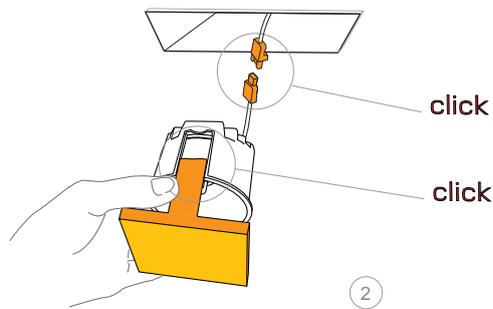
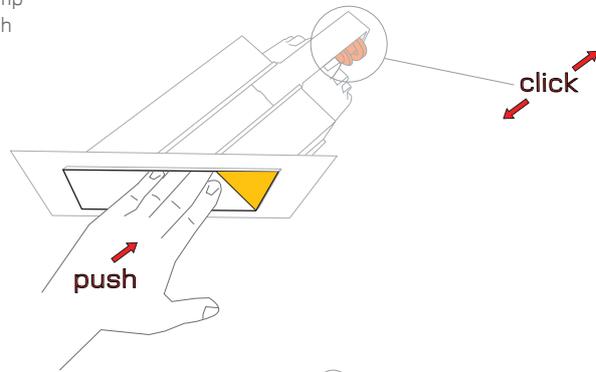


to change a lamp



tool free

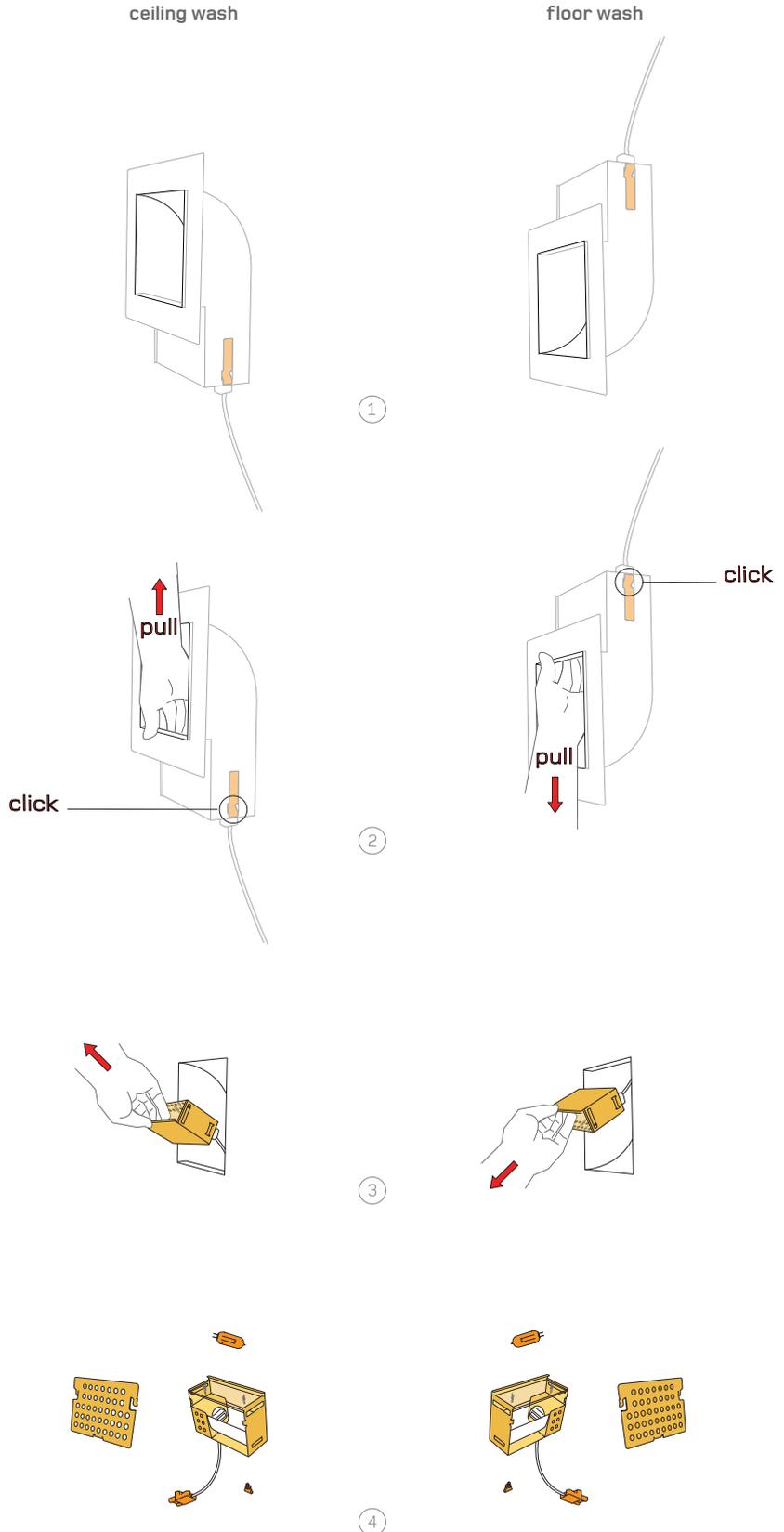
Once whitegoods products are installed, they can be modified and maintained without tools. Simply push the insert up into the mounting frame until it clicks and then support it as it slides out. The glass frame is simply removed by grasping it at the top of each leg. It can then be put to one side (for lamp replacement) or replaced in the recessed or flush position.



easy click ceiling and floor wash

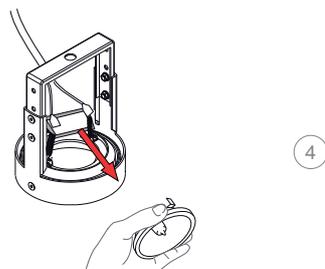
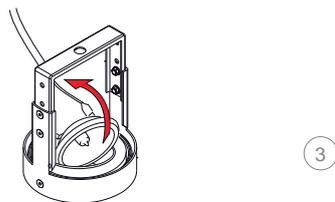
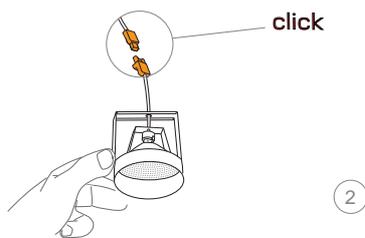
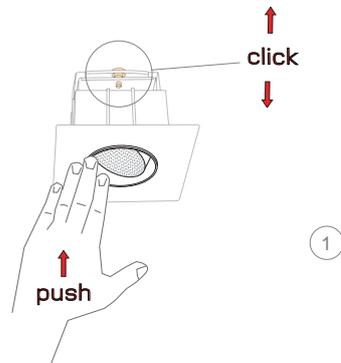
tool free

Once whitegoods products are installed, they can be modified and maintained without tools. Simply reach into the aperture of the ceiling washlight and grasp the finger-pull ridge at the front of the insert. The insert is spring fixed. Simply pull upwards on the finger-pull and slide the insert up and out of the mounting frame. The glass frame is simply removed by unscrewing the wingscrew at the rear of the insert. Replace lamp and repeat the procedure in reverse.



tool free

Once whitegoods products are installed they can be modified and maintained without tools. Simply push the gimbal insert up into the mounting frame until it clicks, and then support it as it slides out. Remove the glass retention cowl (handle the glass with care), and set aside. Replace lamp and repeat the procedure in reverse.

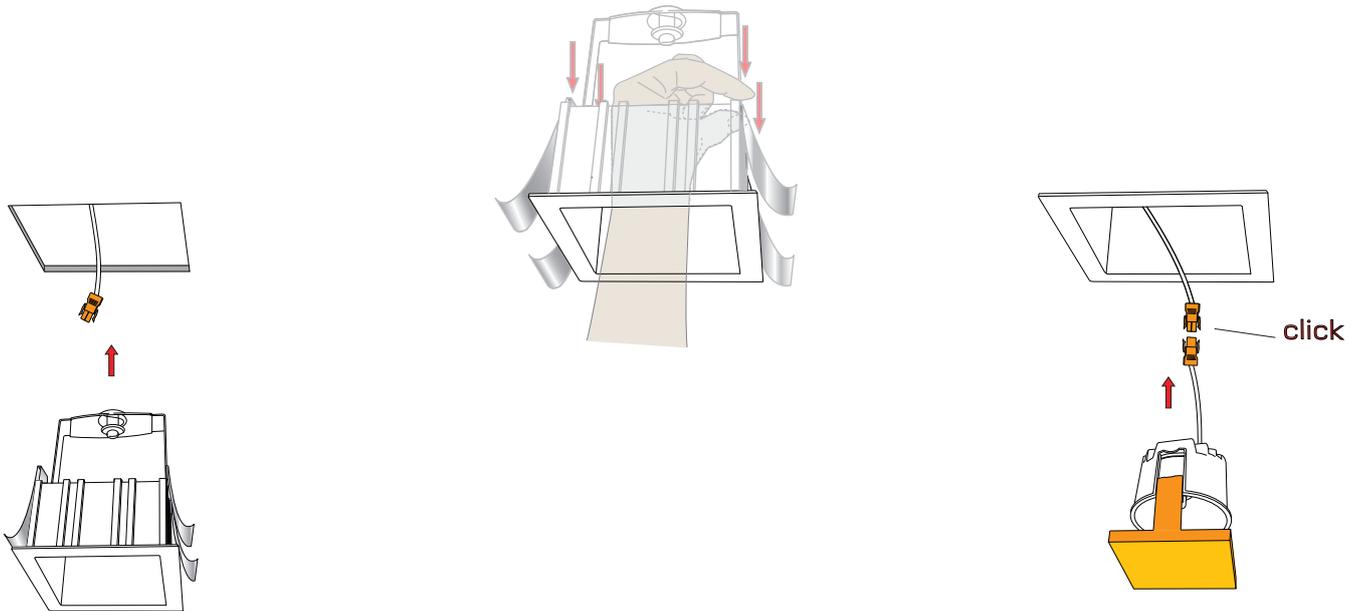


easy click

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3. A cover, lens, or diffuser, we call this the 'Glass Frame' (for the downlights) or the 'Diffuser'.

We have shown below an example of the installation process. It is in fact a very simple method, that contractors instinctively recognize the practicality of this patented system.



1

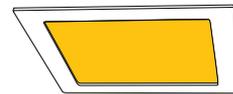
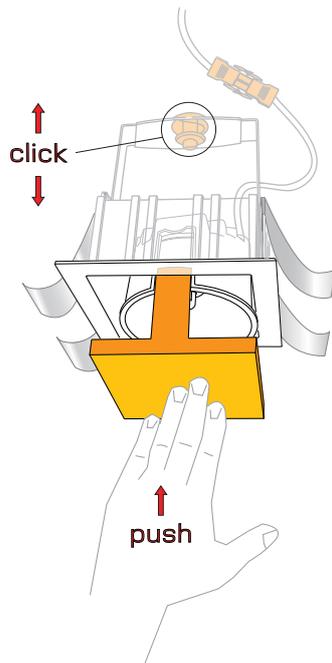
The required hole is prepared in the mounting surface. The area above and around is checked for obstructions. The electrical supply is fitted with the connector (in most cases supplied with the luminaire). Any low voltage transformer or fluorescent control gear is normally fitted at this stage, although it can be done later (all components supplied by whitegoods will fit through the mounting frame). The frame can then be offered up into position with springs in their unlocked/upper position.

2

Once in position push click each of the springs down into their locked position, you will hear an audible click.

3

Once the site is decorated and dust free, the second fix can be carried out in a matter of seconds. Simply connect the in-line plug and offer the insert up into the mounting frame, making sure the cable doesn't catch on the easy-click latch.



4

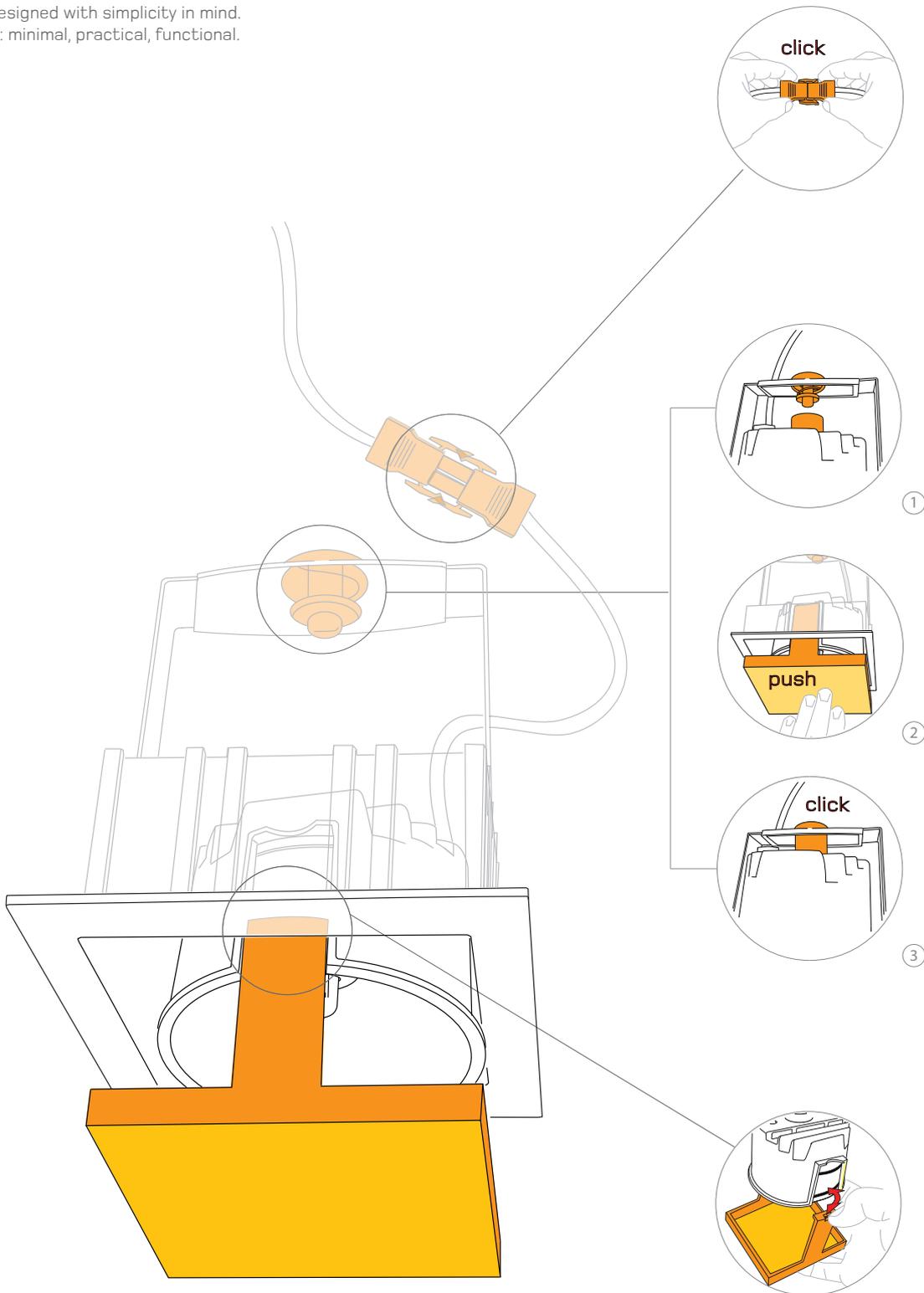
Push the insert into the mounting frame until a click can be felt or heard. The insert will then return by 1 or 2mm and click again.

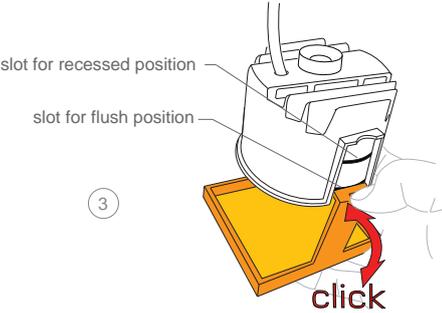
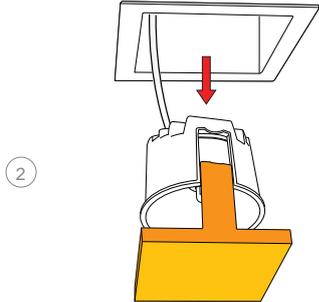
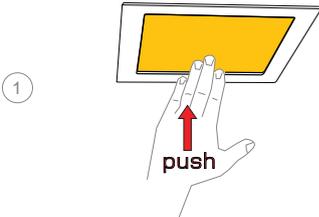
5

The whitegoods downlight is installed: minimal, practical, functional.

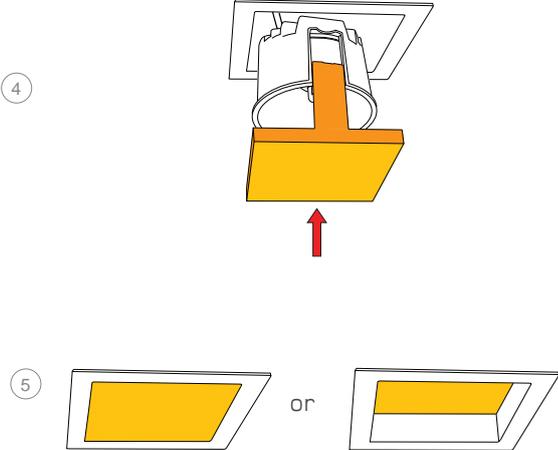
tool free elements

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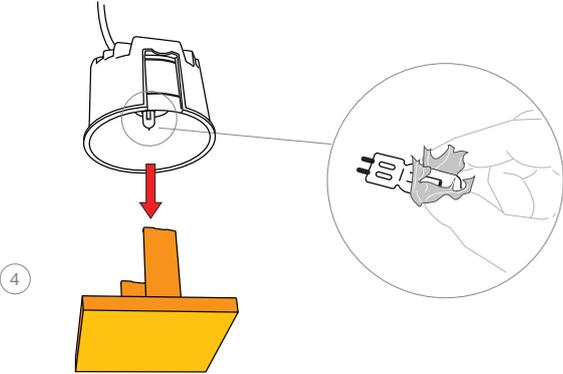




flush or recessed glass option

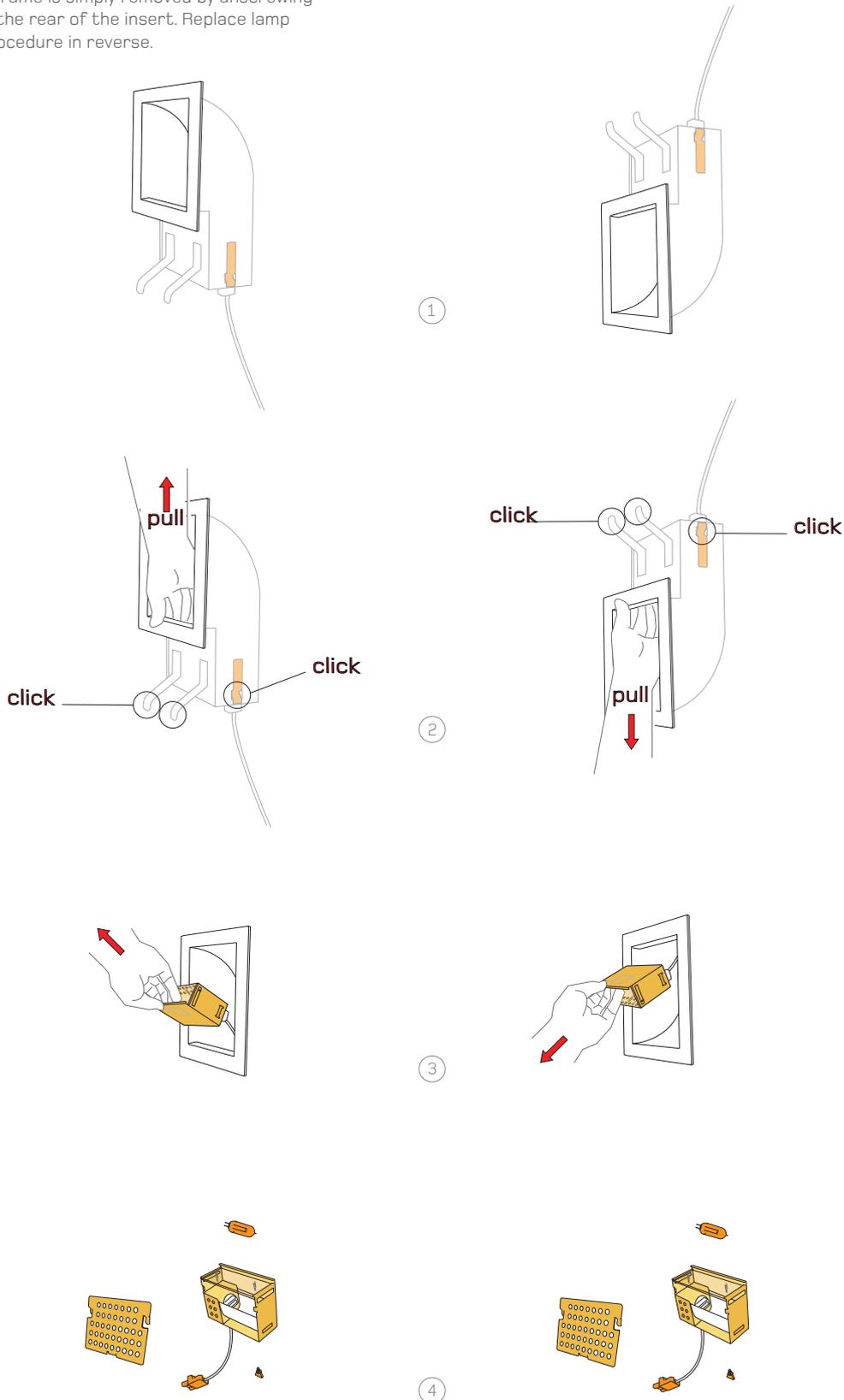


to change a lamp



tool free

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tool free

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