

## BTEC Installation

220-240V / 50-60Hz  
IP40 / IP65



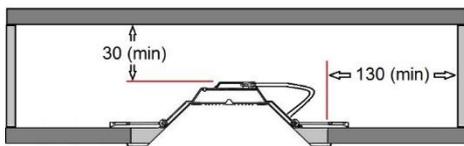
**WARNING:** Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested to compliance with BSEN 60598: specification for general requirements and tests. Must be installed by a suitably qualified person in accordance with all relevant legislation. Ambient operating temperature of 0°C to 25°C. If maximum operating temperature is exceeded luminaire will automatically dim / switch off. Terminal blocks are rated to 16A unless stated otherwise. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. **LUMINAIRES WITH EMERGENCY PACK:** When supply is isolated battery output terminals may be live if battery is connected. Isolate mains and battery before servicing. Emergency luminaires require unswitched live connection taken from same phase as switched supply. When unswitched supply is connected status indicator illuminates green, when unswitched supply is disconnected indicator extinguishes and luminaire operates in emergency mode. 24 hour charge period required before undertaking full discharge test. Emergency test sheets provided should be used to record all emergency tests. Batteries should be replaced when 3 hour duration is not met. Excessive switching of permanent live may result in premature battery failure. Battery electrolyte can be harmful to eyes / open wounds, do not puncture, if electrolyte touches skin / eyes flush with water. Do not incinerate batteries.

### Terminal Labelling:

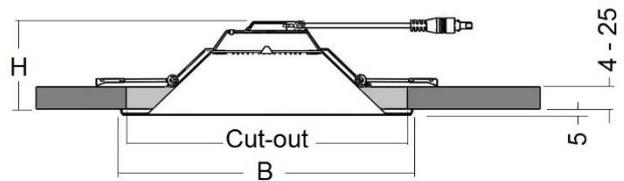
<b>Power</b>	
L / 1	Switched Live
E / ⚡	Earth
N	Neutral
<b>Emergency</b>	
L2 / 2	Unswitched Live
DA/AT3	DALI Autotest
DA/AT3	DALI Autotest
<b>Dimming</b>	
-/D1/DA	Analogue/DSI/DALI
+/D2/DA	Analogue/DSI/DALI
SD	Switch Dim / Corridor Function

### 1. Void clearance required.

#### Standard Fitting



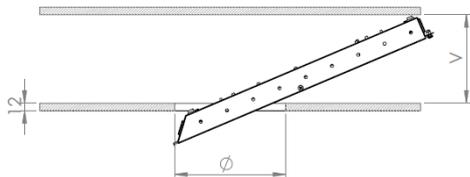
### 2.



	Height	Cut-out (min)*	Dim B
BTECM	60	135	167
BTECL	80	188	220

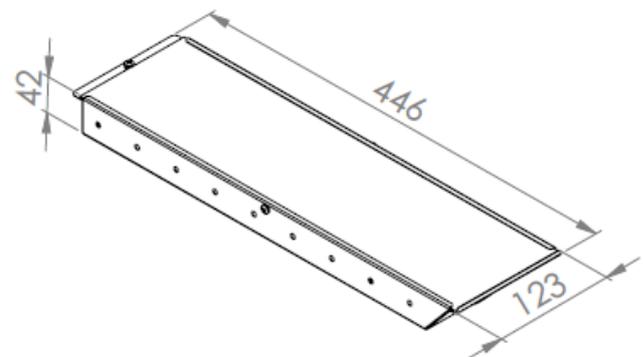
\*max cut-out +20mm

### 3. Emergency Remote Box

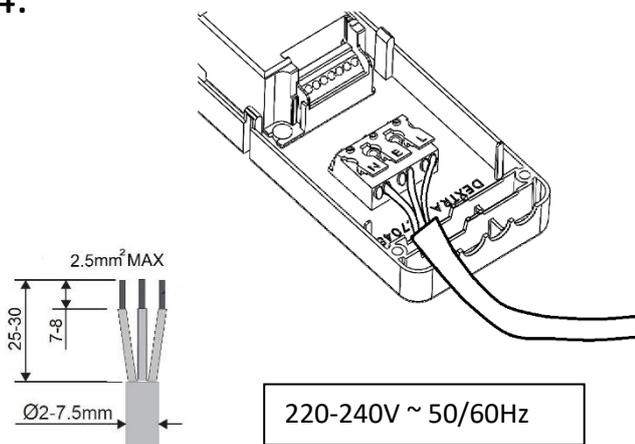


Ø (Hole diameter)	V (minimum void depth)
135 Ø	275mm
145 Ø	230mm
160 Ø	175mm
175 Ø	140mm
190 Ø	125mm
205 Ø	110mm

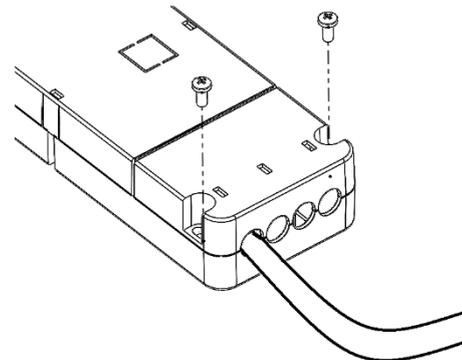
Note: void depths are based on a 12mm thick tile



### 4.

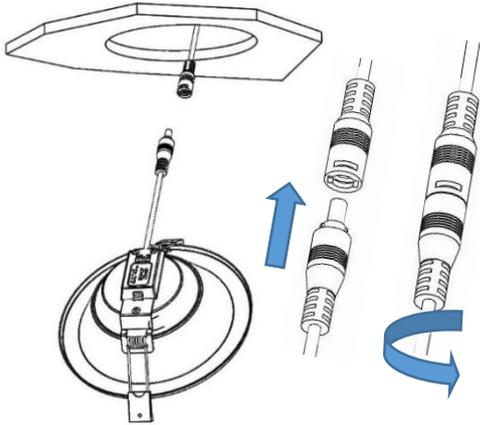


### 5.

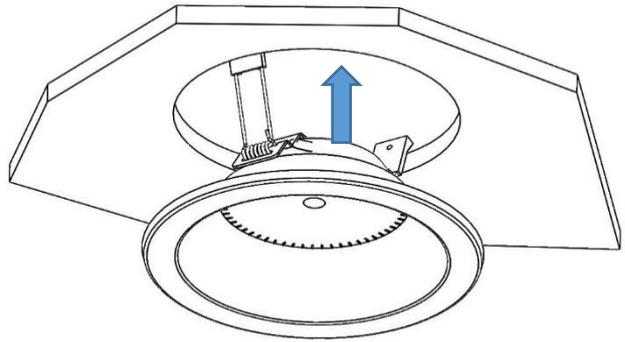


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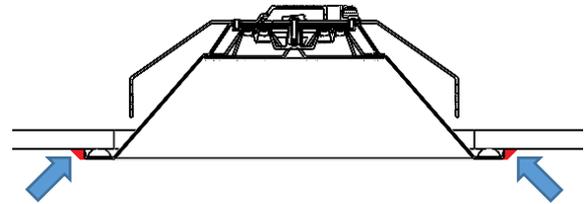
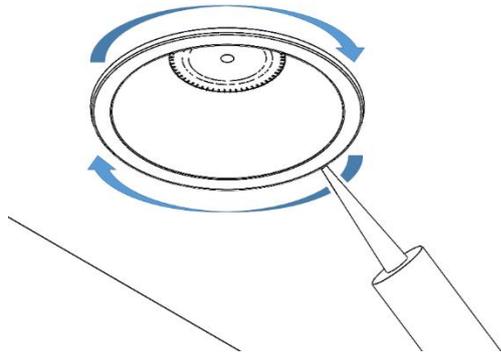
6.



7.



8.



### IP65 Rated ONLY:

Apply silicone sealant around the profile of the fitting, in order to seal the trim to the ceiling surface.

### Maintenance

- 1 Disconnect luminaire before undertaking any maintenance or cleaning.
- 2 Cleaning should be undertaken on external parts of the luminaire only using a slightly damp lint free cloth.
- 3 Remove x2 screws from top of fitting using a pan pozi screwdriver.
- 4 Using the same screwdriver remove the screw from the centre of the fitting. The diffuser and LED circuit can then be removed.
- 5 To remove emergency gear use a pan pozi screwdriver to remove screw and slide cover out.
- 6 Standard driver is maintainable.
- 7 Please contact Dextra for assistance with spare component supply.

