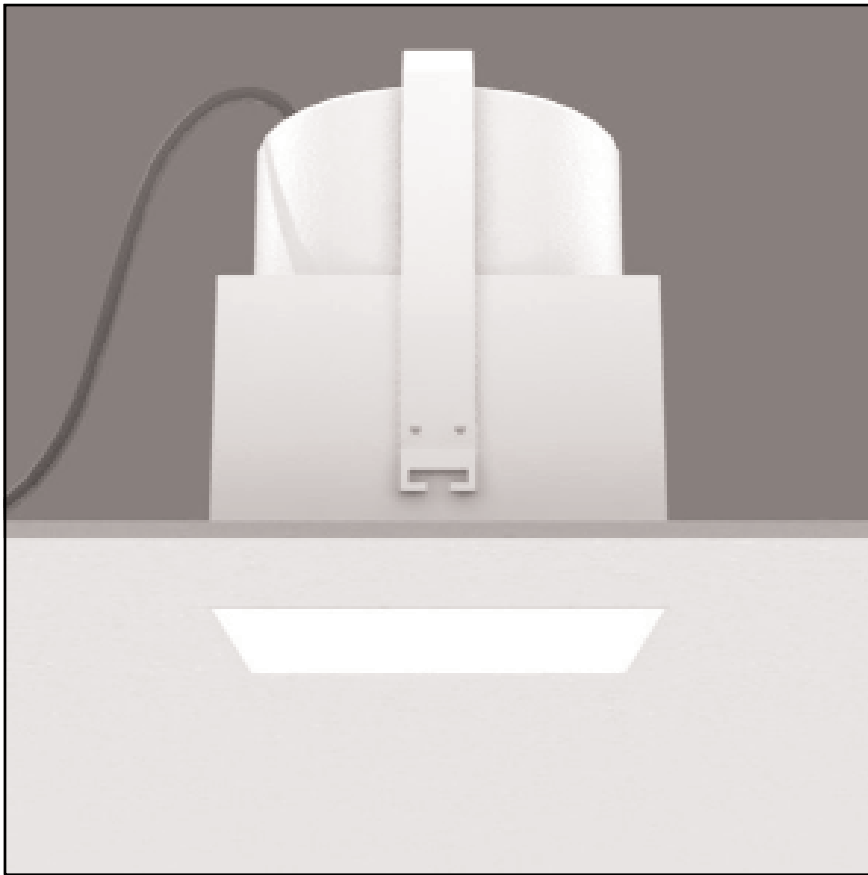


I 50 SQUARE DOWNLIGHT



General Information:

A 150mm square recessed luminaire with minimal visual impact. The fitting is supplied with a glass diffuser that can be positioned to sit flush with the plaster finish or recessed.

Applications:

- Where the ceiling is to be plastered or re-plastered with a gypsum finish.

Features:

- 'Push click' tool free second fix internal cartridge.
- Tool free lamp and gear maintenance.
- Pre-wired with a 'Plug and Play' electrical connection.
- Sandblasted glass diffuser for both flush and recessed mounting positions.

Accessories:

- Lamps
- Transformer for low voltage
- Control Gear for Metal Halide

Lamp Options:

Low Voltage

12V	QT12 Capsule GY6.35	20-90 W	Cut Out 170mm x 170mm
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Mains Voltage

230V	QT14 Capsule G9	25-75 W	Cut Out 170mm x 170mm
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Ceramic Metal Halide

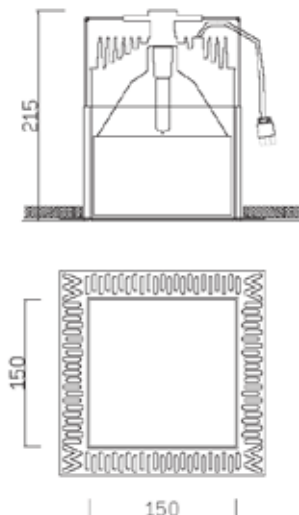
230V	CDM-TC MetalH G8.5	35-70 W	Cut Out 170mm x 170mm
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Compact Fluorescent

230V	TC-TEL Fluores. GX24q-3	18 W	Cut Out 170mm x 170mm
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230V	TC-TEL Fluores. GX24q-4	26-32 W	Cut Out 170mm x 170mm
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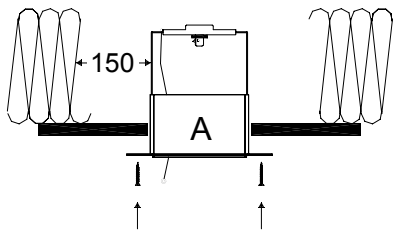
Technical Specification:



Low Voltage, Mains Voltage,
Ceramic Metal Halide
and Fluorescent fitting.

Please note that these drawings are not to scale.

CAUTION: Care should be taken with positioning of the light fitting as it will become hot in operation.



For Product Codes: 10321, 11821

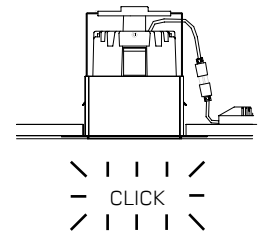
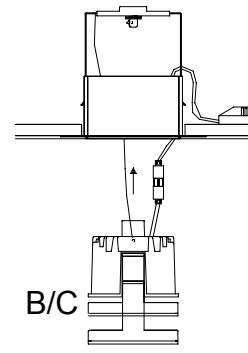
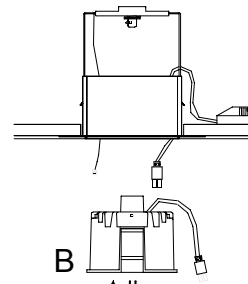
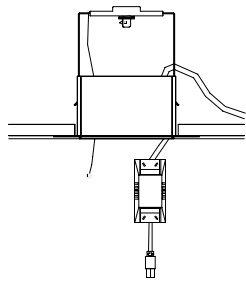
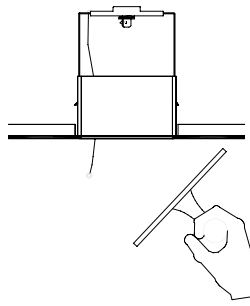
Cut out & Recess:

For 10321 170mm x 170mm x 215mm recess
For 11821 170mm diameter x 215mm recess

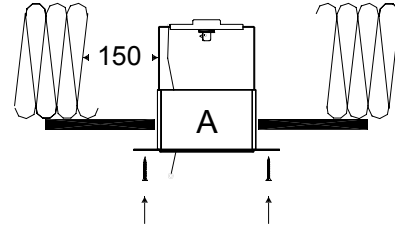
Lamp Base: GY6.35

Lamp Type: QT12-ax 75w max

Supply Current: 12v



0.5m E Replace any cracked protective shield



For Product Codes: 10322, 11822

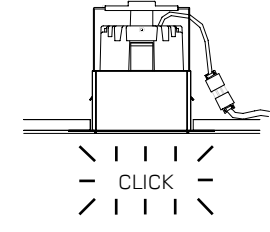
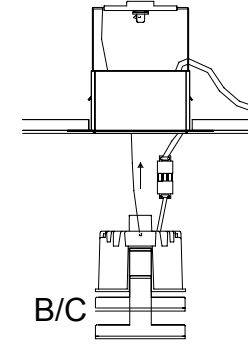
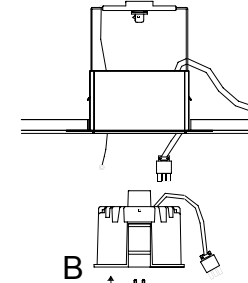
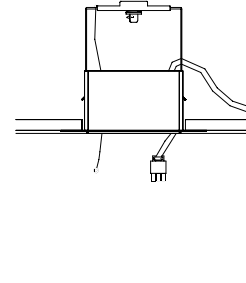
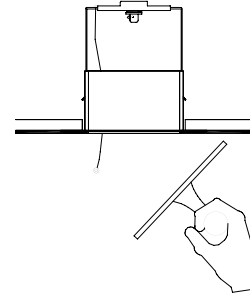
Cut out & Recess:

For 10322 170mm x 170mm x 215mm recess
For 11822 170mm diameter x 215mm recess

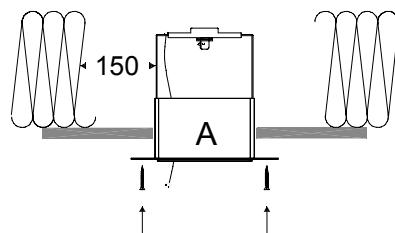
Lamp Base: G9

Lamp Type: QT14 75w max

Supply Current: 230v ~ 50Hz



0.5m E Replace any cracked protective shield



For Product Codes: 10323, 11823

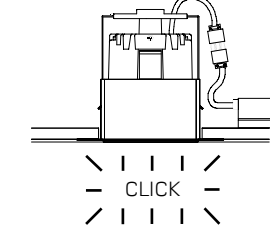
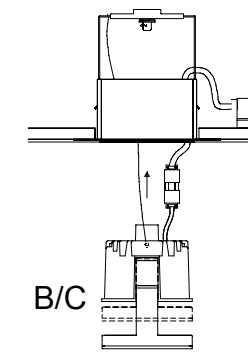
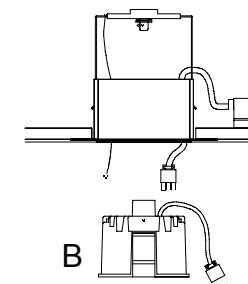
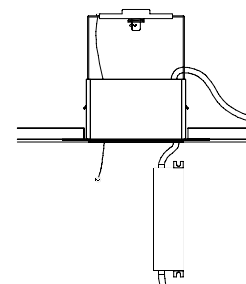
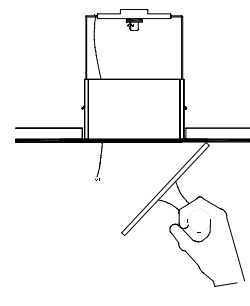
Cut out & Recess:

For 10323 170mm x 170mm x 215mm recess
For 11823 170mm diameter x 215mm recess

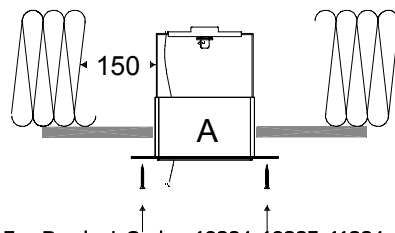
Lamp Base: G8.5

Lamp Type: CDMT-C 70w

Supply Current: 230v ~ 50Hz



0.5m E Replace any cracked protective shield



For Product Codes: 10324, 10325, 11824, 11825

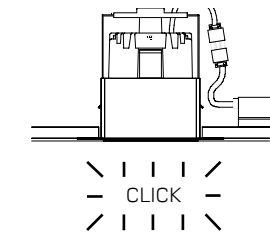
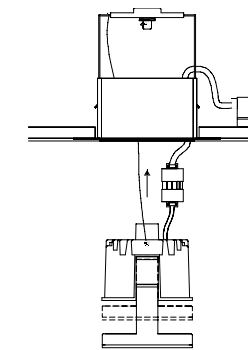
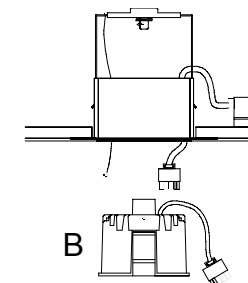
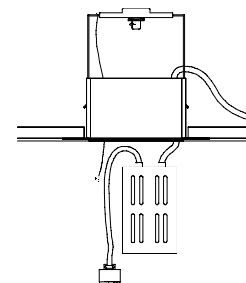
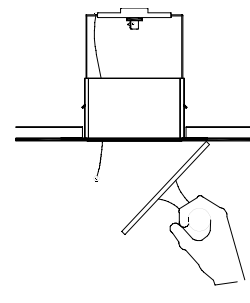
Cut out & Recess:

For 10324, 10325 170mm x 170mm x 215mm recess
For 11824, 11825 170mm diameter x 215mm recess

Lamp Base: GX24q-2

Lamp Type: TC-TEL 18w

Supply Current: 230v ~ 50Hz



0.5m E Replace any cracked protective shield

(GB)

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

1. Cut-out a recessing aperture and screw fix the frame (A) to the soffit. Use a timber batten backing to the soffit if stronger fixing points are required.
2. Remove any insulation or obstruction within 150mm of the frame
3. Plaster the ceiling using the lip of the frame as a stop bead
4. Make the electrical connection as follows:

Fitting Type 10321, 11821

- A. Connect the 12v 2-pin connector to suitable Va rated transformer (Refer to the transformer manufacturers instructions)

Fitting Type 10322, 11822

- A. Unplug the male 230/240v 50/60Hz 3-pin connector from the lamp cartridge
- B. Connect 230/240v 50/60Hz 3-pin connector as follows:
L: Live - Red/Brown
E: Earth - Green + Yellow
N: Neutral - Black/Blue

Fitting Type 10323, 11823, 10324, 10325, 11824, 11825

- A. Connect a 230/240v 50/60Hz supply to the remote control gear input as follows:

- L: Live - Red/Brown
- E: Earth - Green + Yellow
- N: Neutral - Black/Blue

5. Insert the lamp into the lamp cartridge
6. Clip the glass stirrup (C) onto the lamp cartridge (B) (The glass stirrup can be connected in a flush or recessed position)
7. Connect the lamp cartridge power supply and the retaining cord and 'push-click' the lamp cartridge assembly (B/C) into the frame (A)

Re-lamping Procedure

1. 'Push-click' the lamp cartridge assembly (B/C) to release from the frame (A)
2. Suspend the assembly on the retention wire
3. Remove the glass stirrup (C)
4. Replace the lamp within the lamp cartridge (B)
5. Re-fit the glass stirrup to lamp cartridge (The glass stirrup can be connected in a flush or recessed position)
6. 'Push-click' the lamp cartridge assembly (B/C) into the frame (A)

(F)

Installation
Avant toute opération d'installation coupez le courant. Ce type d'installation doit être effectué par un électricien agréé. Il en va de même pour toute réparation ultérieure.

1. Creusez un encastrément et vissez l'armature (A) sur le support. Utilisez une latte de bois épousant bien le support si des points de fixation plus robustes sont nécessaires.
2. Veillez à maintenir 150 mm de distance entre l'armature et toute isolation ou obstacle.
3. Plâtrez le plafond en utilisant le bord de l'armature comme surface d'appui.
4. Effectuez le raccordement électrique comme suit :

Raccordements types 10321, 11821

- A. Raccordez la prise 12 v à deux fiches au transformateur délivrant une tension convenable. (Se référer aux instructions des constructeurs de transformateurs.)

Raccordements types 10322, 11822

- A. Débranchez la prise male à trois fiches 230/240 v 50/60 Hz du réceptacle de la lampe
- B. Raccordez cette prise 230/240v 50/60Hz comme suit :
L : Tension - Rouge/Marron ;
E : Terre - Vert + Jaune ;
N : Neutre - Noir/Bleu.

Raccordements types 10323, 11823, 10324, 10325, 11824, 11825

- A. Raccordez une alimentation 230/240 v 50/60 Hz à l'entrée de la commande de réglage à distance comme suit : L : Tension/ Rouge/Marron ;
E : Terre - Vert + Jaune ;
N : Neutre - Noir/Bleu.

5. Insérez la lampe dans le réceptacle.
6. Fixez le cache en verre (C) sur le réceptacle de la lampe (B). (Ce cache peut être soit en relief soit encastré.)
7. Raccordez l'alimentation du réceptacle de la lampe et le câble support et encliquez l'assemblage de la lampe (B/C) dans l'armature (A) par un mouvement de pression.

Comment changer l'ampoule

1. Poussez et dés-encliquez l'assemblage de la lampe (B/C) pour la libérer de la structure (A).
2. Laissez pendre l'ensemble au bout du câble support.
3. Retirez le cache en verre (C).
4. Installez une nouvelle ampoule dans le réceptacle (B)
5. Remplacez le cache sur le réceptacle. (Ce cache peut être soit en relief soit encastré.)
6. Ré-encliquez l'ensemble (B/C) dans l'armature (A).

(I)

Installazione
Prima dell'installazione, staccare la corrente L'installazione di questo sistema di illuminazione e qualsiasi intervento su di esso devono essere effettuati da un elettricista autorizzato.

1. Ritagliare un'apertura e fissare il telaio (A) al soffitto mediante viti. Utilizzare un rinforzo di legno qualora siano necessari dei punti di fissaggio più forti.
2. Rimuovere il materiale isolante o eventuali altri ostacoli entro 150 mm dal telaio
3. Intonacare il soffitto fino al bordo del telaio
4. Effettuare il collegamento elettrico come segue:

Montaggio tipo 10321, 11821

- A. Collegare il connettore a 2 poli a 12 V a un trasformatore di potenza adeguata (consultare le istruzioni del trasformatore).

Montaggio tipo 10322, 11822

- A. Scollegare il connettore maschio a tre poli 230/240 V 50/60Hz dalla cartuccia della lampada
- B. Collegare il connettore a tre poli 230/240 V 50/60 Hz come segue:
L: Sotto tensione - Rosso/Marrone
E: Terra - Verde + Giallo
N: Neutro - Nero/Blu

Montaggio tipo 10323, 11823, 10324, 10325, 11824, 11825

- A. Collegare l'alimentazione 230/240 V 50/60 Hz all'ingresso del telecomando come segue:
L: Sotto tensione - Rosso/Marrone
E: Terra - Verde + Giallo
N: Neutro - Nero/Blu

5. Inserire la lampada nella cartuccia
6. Fissare la staffa di vetro (C) sulla cartuccia della lampada (B) (la staffa può essere collegata a filo oppure in posizione incassata)
7. Collegare l'alimentazione della cartuccia al cavo e spingere a incastro il gruppo della cartuccia (B/C) nel telaio (A) fino a sentire uno scatto.

Sostituzione della lampada

1. Spingere e far scattare il gruppo della cartuccia (B/C) per sbloccarlo dal telaio (A)
2. Lasciare il gruppo appeso al filo di supporto
3. Togliere la staffa di vetro (C)
4. Sostituire la lampada all'interno della cartuccia (B)
5. Rimontare la staffa di vetro sulla cartuccia della lampada (la staffa può essere collegata a filo oppure in posizione incassata)
6. Spingere a incastro il gruppo della cartuccia (B/C) nel telaio (A) fino a sentire uno scatto.

(G)

Installation
Vor der Installation die Stromverbindung trennen! Sämtliche Installations- und Wartungsarbeiten dürfen nur von einem zugelassenen Elektriker durchgeführt werden.

1. Eine Einbauöffnung aussägen und den Rahmen (A) mit den Schrauben an der Unterdecke befestigen. Ggf. die Unterdecke auf der Rückseite mit einer Holzleiste versehen, wenn die Stärke der Befestigungspunkte nicht ausreicht.
2. Isoliermaterial und andere Hindernisse im Abstand von 150 mm um den Rahmen entfernen.
3. Decke bis zur Kante des Rahmens verputzen.
4. Die elektrischen Anschlüsse wie folgt herstellen:

Leuchtentyp 10321, 11821

- A. Den zweipoligen 12 V-Anschluss an einen geeigneten Transformator anschließen (dabei die Angaben des Transformatorherstellers beachten).

Leuchtentyp 10322, 11822

- A. Den dreipoligen 230/240 V 50/60 Hz Stecker vom Lampenträger abziehen und
B. wie folgt an die Stromversorgung anschließen:
L: Phase - rot/braun
E: Erde - grün + gelb
N: Null - schwarz/blau

Leuchtentyp 10323, 11823, 10324, 10325, 11824, 11825

- A. Den Eingang des Steuergeräts wie folgt an die Stromversorgung (230/240 V 50/60 Hz) anschließen:
L: Phase - rot/braun
E: Erde - grün + gelb
N: Null - schwarz/blau

5. Lampe in den Lampenträger einsetzen.
6. Den Glaskörper (C) am Lampenträger befestigen (B). (Der Glaskörper kann bündig oder versenkt montiert werden.)
7. Die Stromversorgung des Lampenträgers anschließen, die Halteschnur befestigen und den Lampeneinsatz (B/C) in den Rahmen (A) drücken, bis dieser hörbar einrastet.

Lampenwechsel

1. Vor dem Lampenwechsel die Stromverbindung trennen!
2. Auf den Lampeneinsatz (B/C) drücken, um diesen vom Rahmen (A) zu lösen.
3. Lampeneinsatz an der Halteschnur aufhängen.
4. Glaskörper (C) entfernen.
5. Lampe im Lampenträger (B) austauschen.
6. Glaskörper wieder am Lampenträger befestigen. (Der Glaskörper kann bündig oder versenkt montiert werden.)
7. Lampeneinsatz (B/C) in den Rahmen (A) drücken, bis dieser hörbar einrastet.

(S)

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 una abertura para empotrar la luminaria y fije el bastidor (A) con tornillos 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 obstáculo que se encuentre a una distancia de 150 mm del bastidor.
3. Aplique emplaste al techo utilizando el reborde del bastidor como tope.
4. Haga las conexiones eléctricas como se indica a continuación:

Acoplamiento de tipo 10321, 11821

- A. Enchufe el conector de 2 patillas, 12 V, a un transformador con tensión nominal adecuada. (Consulte las instrucciones del fabricante del transformador).

Acoplamiento de tipo 10322, 11822

- A. Desenchufe el conector macho de 3 patillas, 230/240 V, 50/60 Hz del casquillo de la bombilla.
- B. Conecte los cables al conector de 3 patillas, 230/240 V, 50/60 Hz como se explica a continuación:
L: Fase - Rojo/Marrón
E: Tierra - Verde + Amarillo
N: Neutro - Negro/Azul

Acoplamiento de tipo 10323, 11823, 10324, 10325, 11824, 11825

- A. Conecte una fuente de alimentación de 230/240 V, 50/60 Hz a la entrada del dispositivo de control remoto como se explica a continuación:
L: Fase - Rojo/Marrón
E: Tierra - Verde + Amarillo
N: Neutro - Negro/Azul

5. Introduzca la bombilla en el casquillo.
6. Enganche el estribo de vidrio (C) al casquillo de la bombilla (B). (El estribo de vidrio se puede acoplar en la posición enrasada o empotrada).
7. Conecte la alimentación al casquillo y el cable de retención y presione el conjunto del casquillo (B/C) en el bastidor (A) para encajarlo en su posición.

Cambio de la bombilla

1. Presione el conjunto del casquillo (B/C) para desengancharlo del bastidor (A).
2. Deje el conjunto colgando del cable de retención.
3. Retire el estribo de vidrio (C).
4. Cambie la bombilla del casquillo (B).
5. Vuelva a acoplar el estribo de vidrio al casquillo. (El estribo de vidrio se puede acoplar en la posición enrasada o empotrada).
6. Presione el conjunto del casquillo (B/C) en el bastidor (A) para encajarlo en su posición.