

Installation Instructions

Remote Controlled Spotlight Type DR8

BEFORE YOU START

Read these instructions carefully. For the latest instructions on all our products see www.rclighting.com/instructions

These instructions cover the following installation methods:

- A Monopoint
- B 3-Circuit
- C Hook Clamp

If you have any difficulty installing this product please contact:

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Important Safety Information

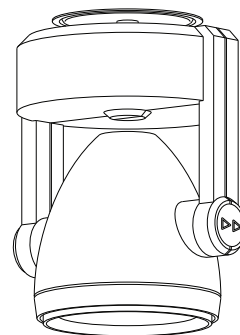
READ INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT. SAVE INSTRUCTIONS FOR LATER REFERENCE.

- Products must be installed by a suitably qualified professional only. Installations must conform to national installation codes and accident prevention regulations.
- If using a track adaptor, ensure it is compatible with the track system installed. Failure to do so may result in danger of electric shock and damage to the product.
- Ensure electrical rating shown on product label conforms to mains voltage supply.
- Do not modify the product in any way. RCL accepts no responsibility for damage caused by modifying this product.

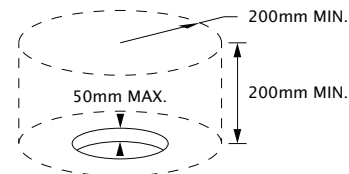
IP20 Product is rated IP20 unless otherwise stated. Install indoors only and away from damp or wet environments.

- This symbol indicates the minimum distance to a lighted object and must be observed.
- This product must be earthed. Method of earthing will depend on mounting option.
- Disconnect product from mains voltage supply before replacing lamp.
- Caution, product will become hot in use. Allow to cool before touching.
- Only lamp types specified on the product may be used. Pay attention to lamp wattage.
- Products marked with this symbol are designed to be used with self-shielded lamps only.
- Products marked with this symbol have been fitted with safety glass as a protective shield. Replace any cracked protective shield - contact RCL to arrange a replacement.
- Dispose of this product in accordance with WEEE or other national regulations.

A Monopoint Installation



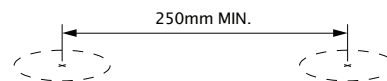
- 1 The monopoint fixture requires a *minimum* clearance distance of 200mm above and around the mounting point and a *maximum* ceiling material thickness of 50mm.



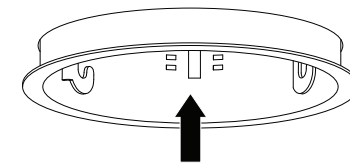
- 2 Mark up the ceiling and cut a circular hole 112-114mm in diameter.



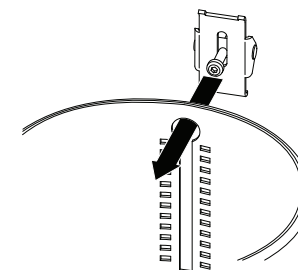
- 3 For multiple installations, ensure a *minimum* distance of 250mm between mounting points.



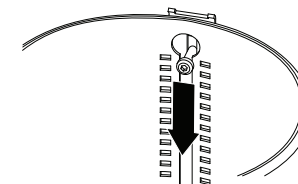
- 4 Insert the mounting ring into the hole so that it sits flush with the ceiling.



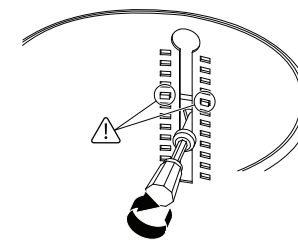
- 5 Holding the mounting ring in place, insert a fixing clip into a slot on the mounting ring.



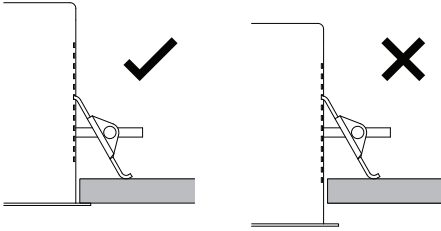
- 6 Slide the fixing clip down the slot until it hits the ceiling material.



- 7 Insert fixing studs into mounting ring holes and, using a 2.5mm hex screwdriver, secure the clip in place. Repeat this process for each fixing clip.



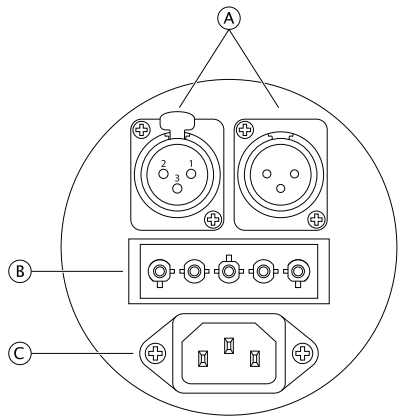
- 8 Ensure that the luminaire is securely installed, with the fixing clips firmly against the ceiling material.



WARNING

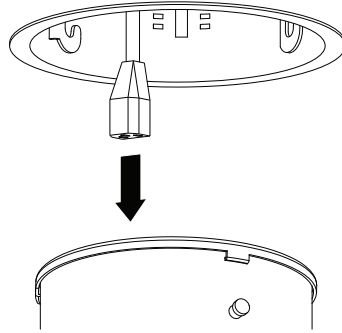
- If for any reason the mounting ring cannot be fitted securely, stop the installation and contact RCL.

- 9 Power is fed to the DR8 monopoint through an IEC socket on the monopoint head. Other connections may also be required, see below.



- A** **DMX In/Out** For DMX control (if required). Use XLR connectors.
- B** **CDM Ballast** For spotlights fitted with HIT-CE and HIR111-CE-P lamps only. Check spotlight label for lamp type.
- C** **Mains Power** Connect directly to mains voltage supply using an IEC plug. No transformer required.

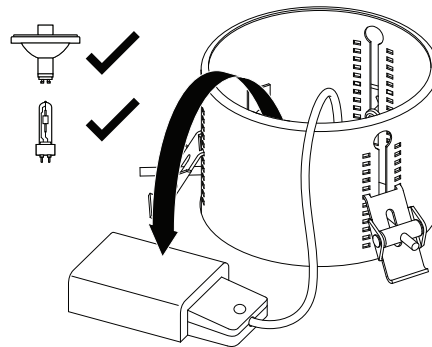
- 10 Run mains voltage cable to the hole and connect to the monopoint fixture using an IEC connector (not supplied).



NOTES

- If DMX control is required, 3-pin XLR cables should also be available at the hole.

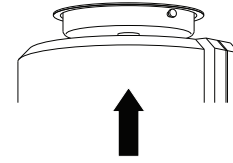
- 11 For HIT-CE and HIR111-CE-P models, connect the supplied ballast to the monopoint head and insert through the mounting ring onto the upper surface of the ceiling.



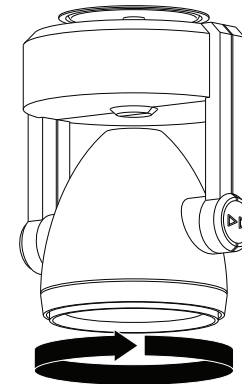
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- Ensure ballast wattage matches the wattage stated on the spotlight label.

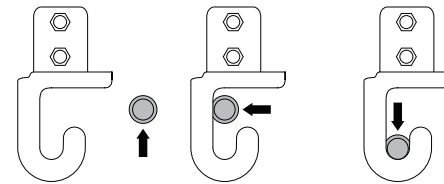
- 12 Insert DR8 Monopoint head into mounting.



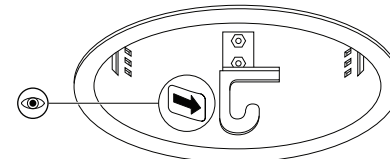
- 13 Twist spotlight clockwise and pull down gently to lock in place.



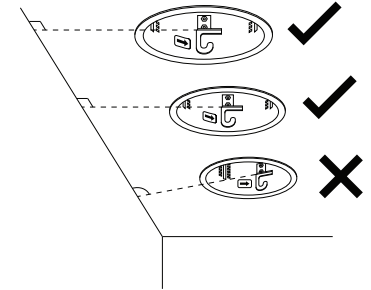
- 14 Ensure that the monopoint head studs locate securely in the mounting ring hooks, as shown below.



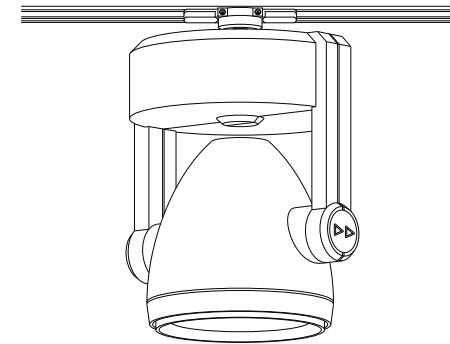
- 15 For multiple fixtures, it is important to install mounting rings in the correct orientation. Locate the 'primary' hook, marked with an arrow.



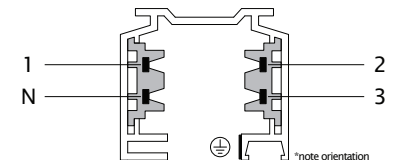
- 16 Align the primary hooks *perpendicular* to a feature such as a wall or trough edge. This will ensure that all fixtures will align when in their home (neutral) position.



B 3-Circuit Track Installation



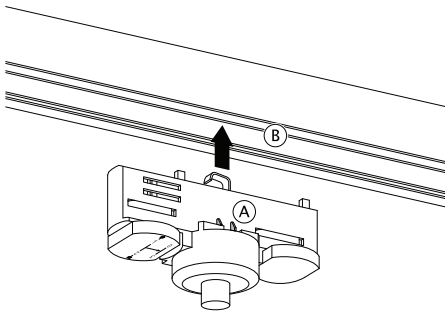
- 1 Ensure the track adaptor is compatible with the 3-Circuit track system installed. Unless otherwise specified, the DR8 luminaire is supplied with a Eutrac 3-Circuit track adaptor as standard.



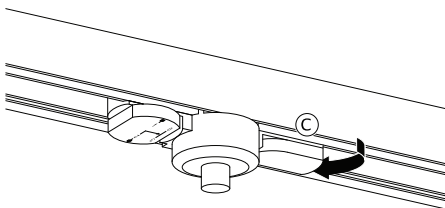
- 2 To mount the track adaptor into the track system, check that both tabs on the adaptor are in the *open* position and insert into the track.

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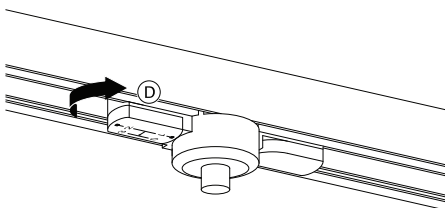
- Ensure the track adaptor is orientated correctly. Align the earthing tabs (A) with the slot (B) on the track.
- Allow a *minimum* of 250mm between luminaire mountings.



- 3 Rotate tab (C) clockwise 90° to connect the adaptor to the neutral circuit.

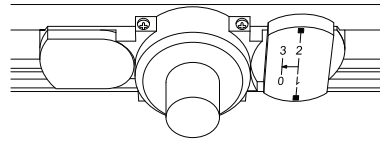


- 4 Rotate tab (D) to the desired circuit position (see section 5).

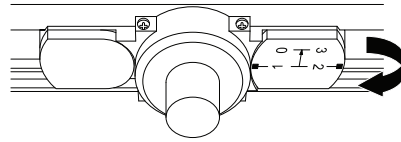


- 5 With the 3-Circuit track adaptor, you can choose which circuit the luminaire is connected to:

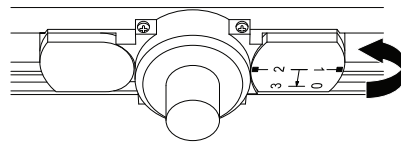
Unconnected - The luminaire is fixed to the track but not connected to any circuit.



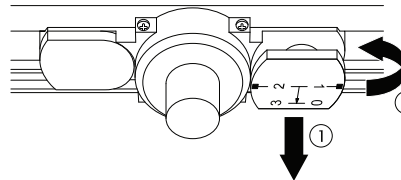
Circuit 1 - From the starting position, rotate the tab clockwise 90°.



Circuit 2 - From the starting position, rotate the tab anti-clockwise 90°.



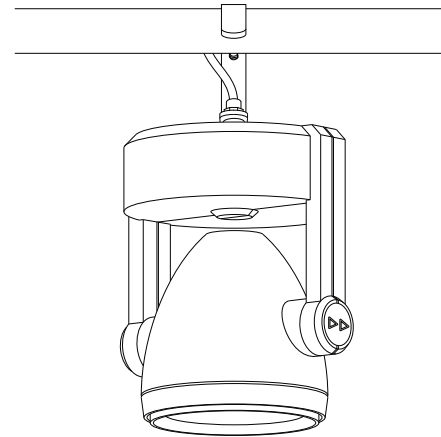
Circuit 3 - From the starting position, pull tab down (1) and rotate the tab anti-clockwise 90° (2).



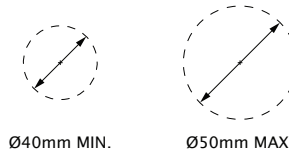
NOTES

- The Eutrac 3-Circuit track adaptor is compatible with a number of different 3-Circuit track systems including Eutrac, Erco & iGuzzini systems. For further options, please contact RCL.

D Hook Clamp Installation



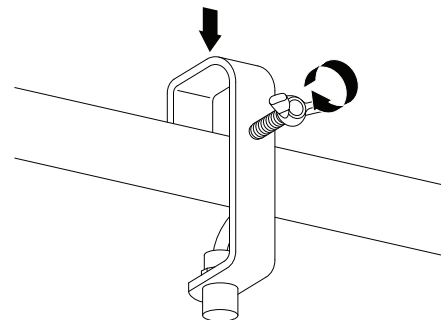
- 1 The hook clamp fixture fits barrel bar with a *minimum* diameter of Ø40mm and a *maximum* diameter of Ø50mm.



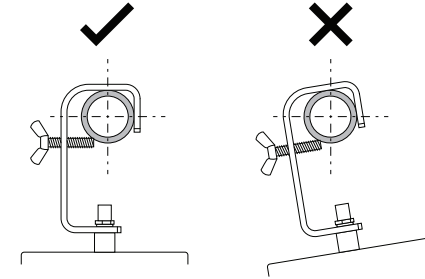
- 2 Hook the hook clamp over the barrel bar and screw in retaining bolt to secure the fixture in place.

NOTES

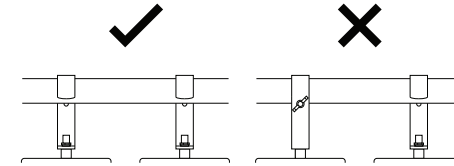
- For multiple fixtures, allow a *minimum* of 250mm between luminaire mountings.



- 3 Hook clamp should be mounted *vertically*.



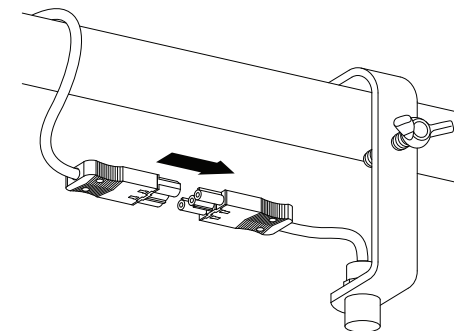
- 4 For multiple fixtures, ensure that hook clamp orientation is the same for each mounting.



- 5 Run mains voltage cable to the hook clamp fixture and connect to the luminaire using an electrical connector (not supplied).

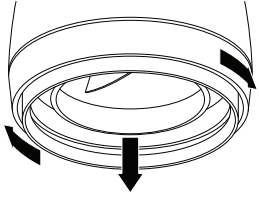
NOTES

- The DR8 luminaire contains an integral transformer and should be wired *directly* to the mains voltage supply.
- It may be necessary to secure the mains cable to the barrel bar to avoid it blocking rotation of the luminaire.

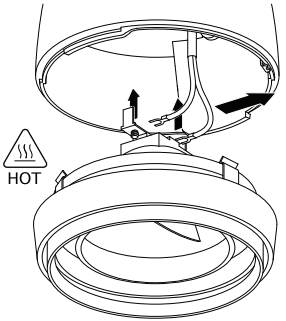


E Lamp Change - QR111

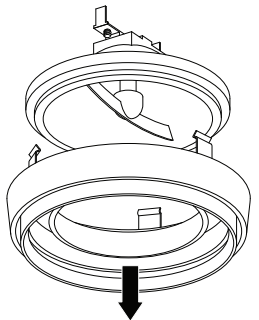
- 1 Disconnect product from mains voltage supply and allow to cool before replacing lamp.
- 2 Twist DR8 bezel anti-clockwise and remove from luminaire.



- 3 Unscrew lamp screws and disconnect the lamp connectors from the lamp.

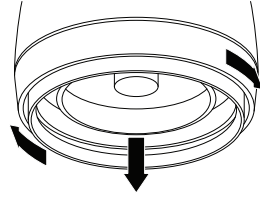


- 4 Unclip accessory holder and dispose of lamp correctly. To install a new lamp, reverse this process making certain lamp connectors are secured tightly to ensure a good connection and to avoid damage.

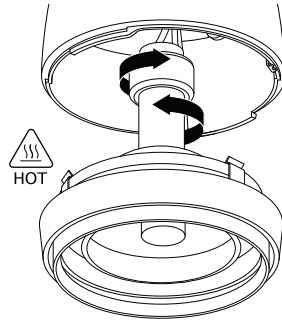


F Lamp Change - HIR111-CE-P

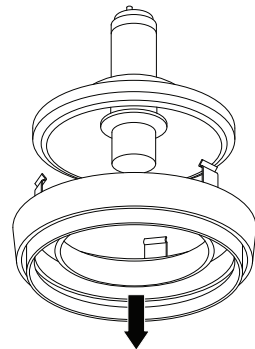
- 1 Disconnect product from mains voltage supply and allow to cool before replacing lamp.
- 2 Twist DR8 bezel anti-clockwise and remove from luminaire.



- 3 Twist the lamp anti-clockwise to disconnect.

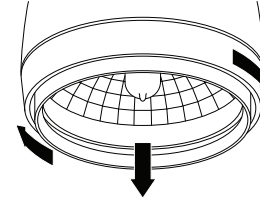


- 4 Unclip accessory holder and dispose of lamp correctly. To install a new lamp, reverse this process ensuring lamp is secured tightly.

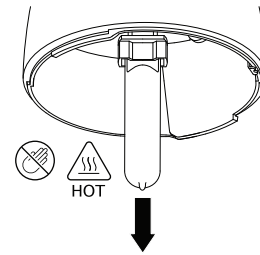


G Lamp Change- HIT-CE

- 1 Disconnect product from mains voltage supply and allow to cool before replacing lamp.
- 2 Twist DR8 bezel anti-clockwise and remove from luminaire.



- 3 Remove the lamp from it's socket. To install a new lamp, reverse this process.

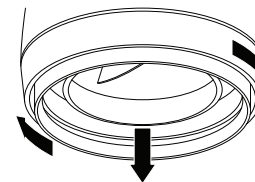


! IMPORTANT

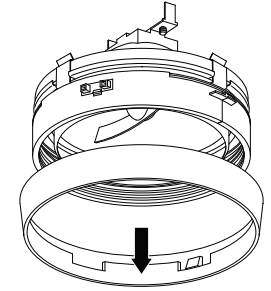
- Avoid contact with skin when handling HIT-CE lamps. Wear gloves where possible.

H Accessory Change

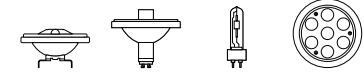
- 1 Twist DR8 bezel anti-clockwise and remove from luminaire. If necessary, disconnect the lamp.



- 2 Unclip the bezel ring from the accessory holder.

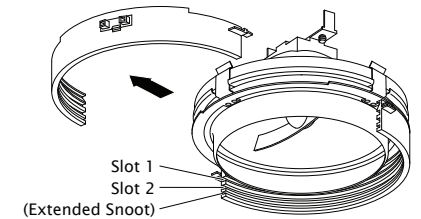


- 3 The accessory holder can hold up to two lenses, depending on the lamp type.



Slot 1	✗	✗	Safety Glass	✗
Slot 2	✓	✗	✓	✓

- 4 Separate the two accessory holder sections.



- 5 Insert a lens into the accessory holder and reverse the process to reassemble the bezel and reattach to the DR8 spotlight.

