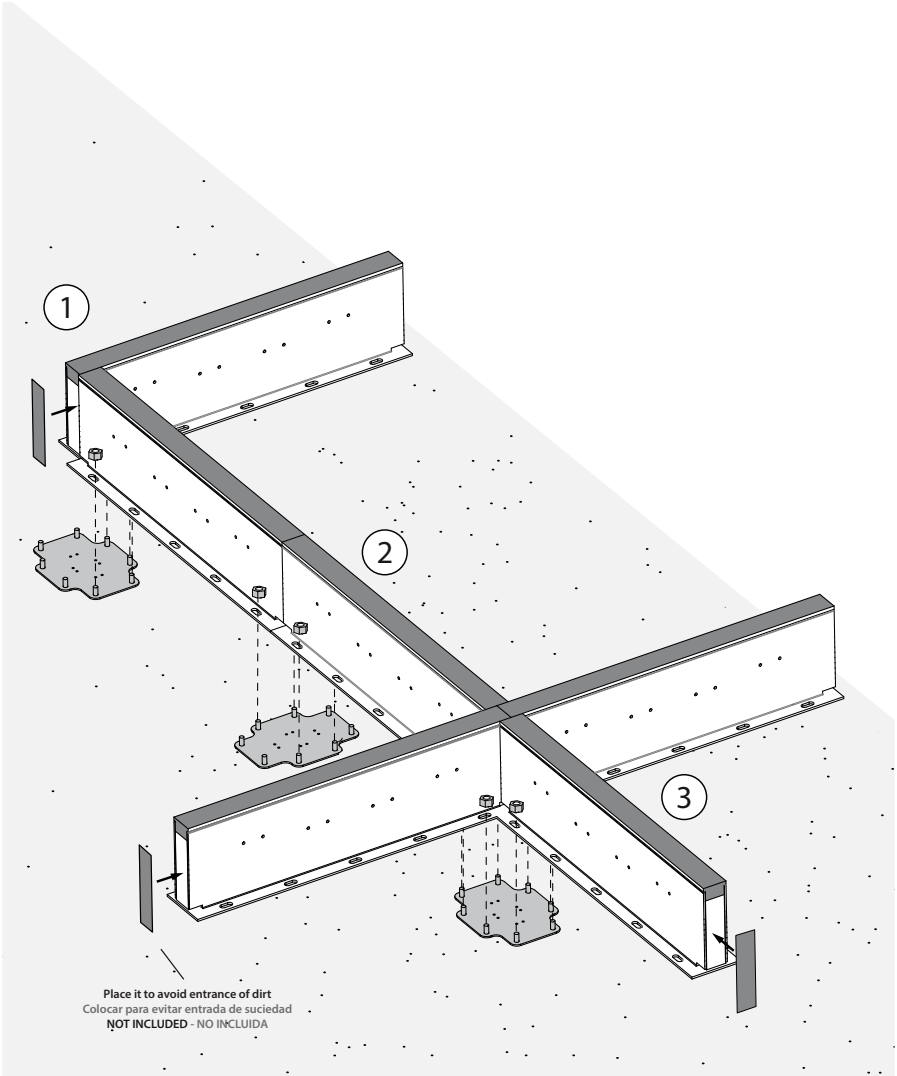


# GROUND LINER® INSTALLATION INSTALACIÓN

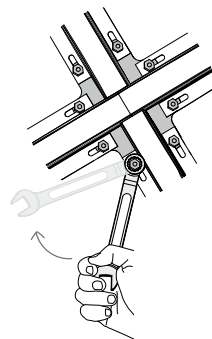
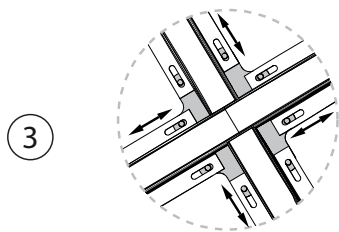
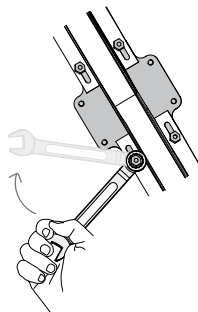
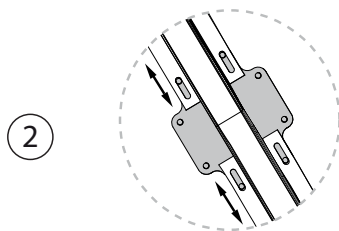
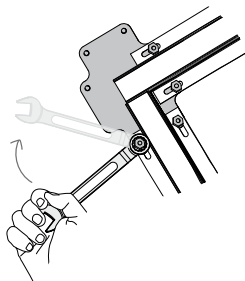
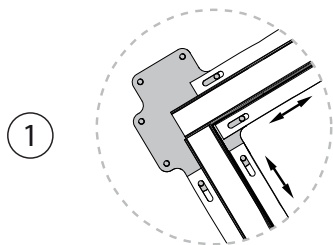
Ground Liner® TECHNICAL GUIDE



Place it to avoid entrance of dirt  
Colocar para evitar entrada de suciedad  
**NOT INCLUDED - NO INCLUIDA**

# GROUND LINER®

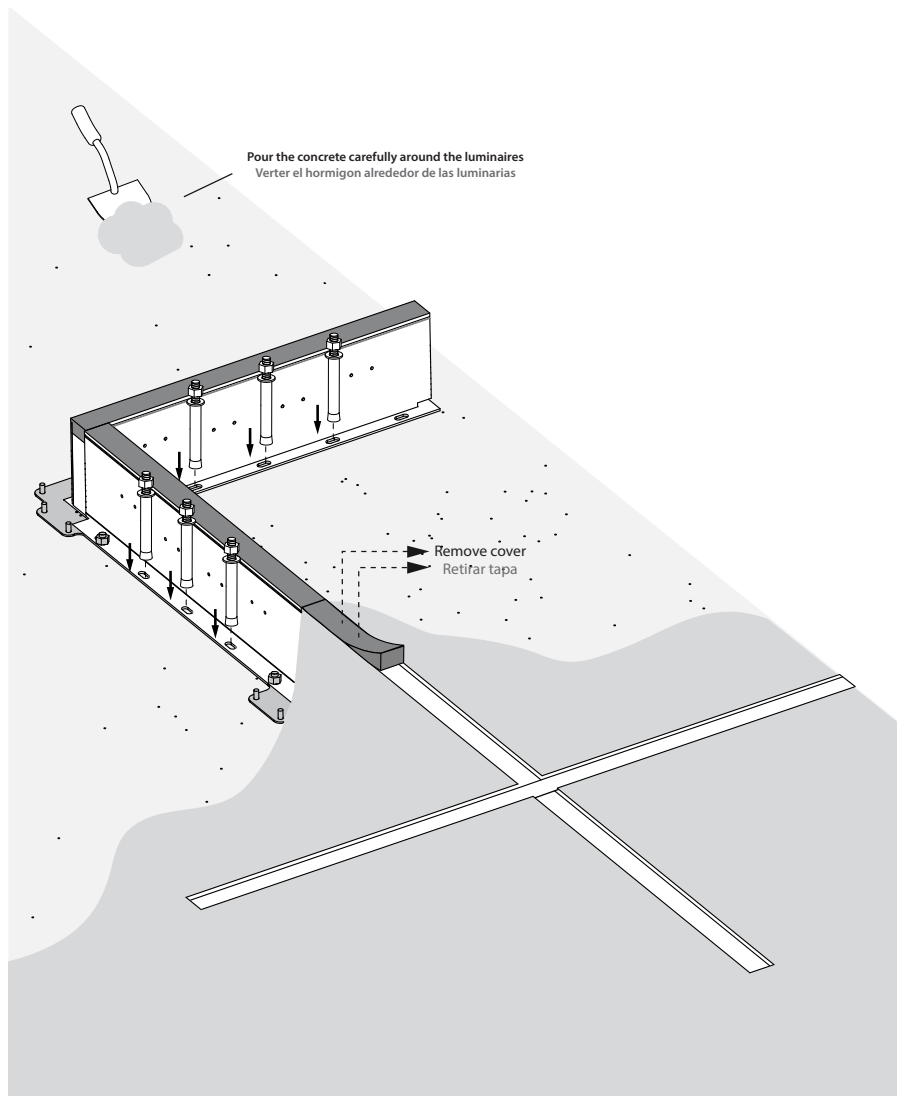
INSTALLATION    INSTALACIÓN



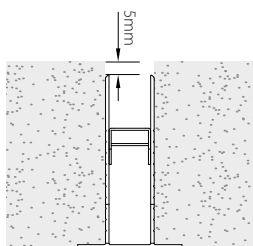
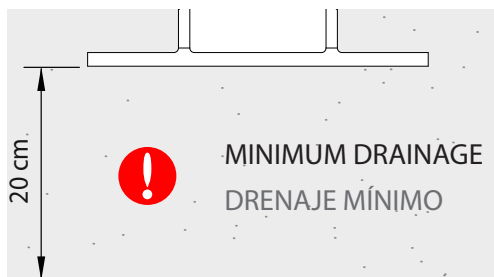
# GROUND LINER®

## INSTALLATION INSTALACIÓN

Ground Liner® TECHNICAL GUIDE

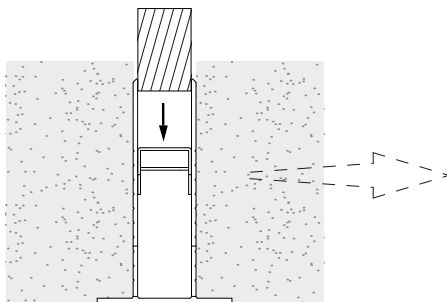


Concrete detail Detalle hormigonado

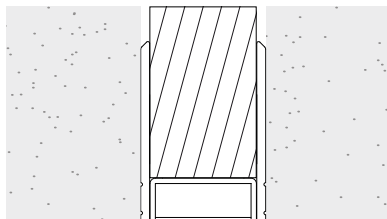


**!** FILL UP WITH CONCRETE UP TO 5mm OVER THE BOX LEVEL  
HORMIGONAR 5mm POR ENCIMA DEL CAJETIN

Luminaire place Colocación luminaria



Luminaire position Posición luminaria



# GROUND LINER®

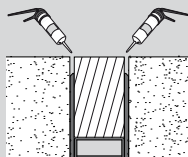
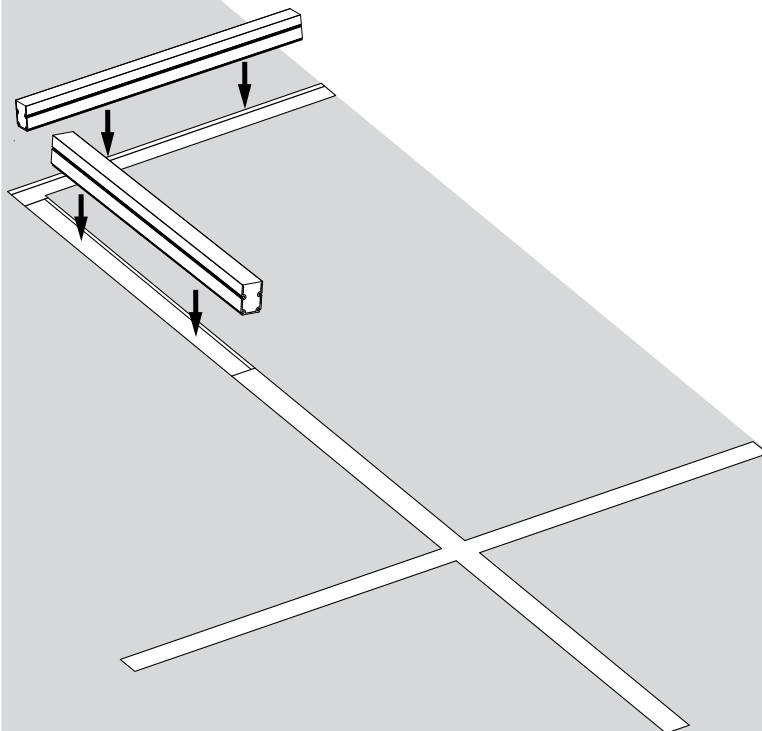
## INSTALLATION INSTALACIÓN



Be sure the connectors are totally tightened and threaded.  
Do not do it properly may cause a loss of product waterproofness and its warranty.

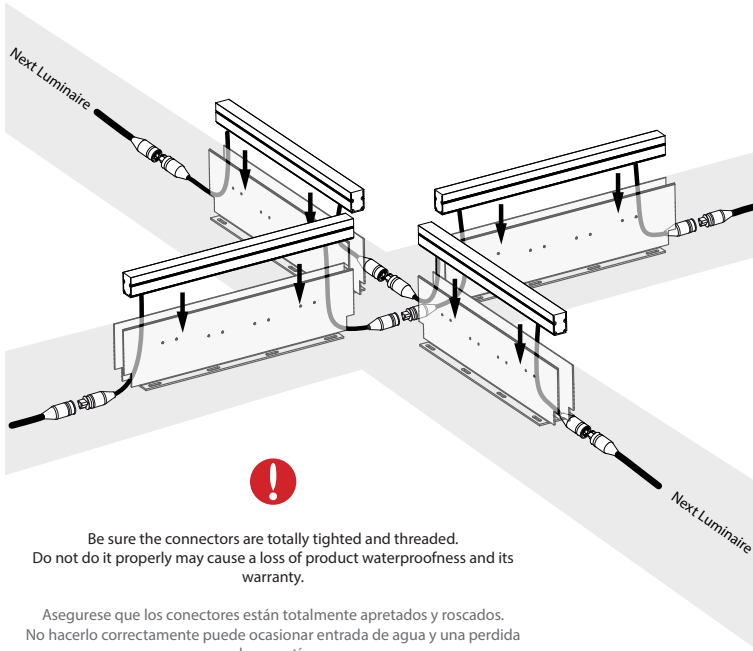
Asegure que los conectores están totalmente apretados y roscados.  
No hacerlo correctamente puede ocasionar entrada de agua y una pérdida de garantía.

Ground Liner® TECHNICAL GUIDE

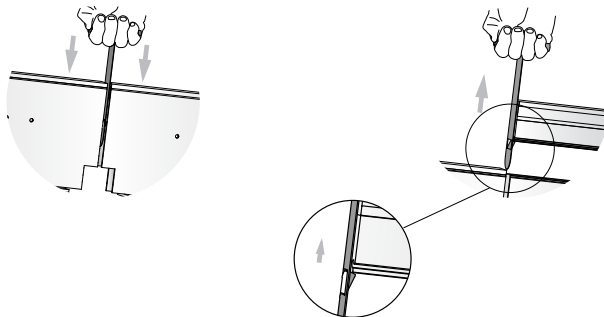


Once the luminaire has been placed, the lateral sides must be sealed with BOSTIK POLIURETANE for OUTDOOR applications  
Una vez colocada la luminaria, sellar los laterales con POLIURETANO BOSTIK para aplicaciones de EXTERIOR

# GROUND LINER® INSTALLATION    INSTALACIÓN

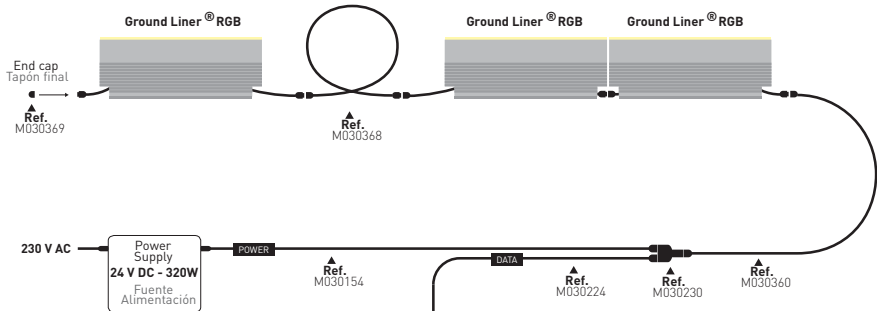


# GROUND LINER® EXTRACTION TOOL    ÚTIL EXTRACCIÓN



# GROUND LINER®

## RGB CONNECTIONS CONEXIONES RGB

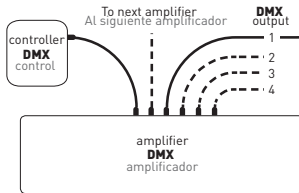


**MORE THAN 15 GROUND LINER® WITH DMX.  
PARA MÁS DE 15 GROUND LINER® CON DMX.**

**A**

**B**

**UP TO 15 GROUND LINER® WITH DMX.  
HASTA 15 GROUND LINER® CON DMX.**



GND-	(Blue Azul)	1,5 mm <sup>2</sup>	24V DC
24+	(Brown Marrón)	1,5 mm <sup>2</sup>	
DMX+	(White Blanco)	0,22mm <sup>2</sup>	DMX SIGNAL
GND	(Shield Malla)	0,22mm <sup>2</sup>	
DMX-	(Orange Naranja)	0,22mm <sup>2</sup>	

Ground Liner® TECHNICAL GUIDE

### **A** MORE THAN 15 GROUND LINER® RGB WITH DMX. PARA MÁS DE 15 GROUND LINER® RGB CON DMX.

**High R.Box** Maximum 15 Ground Liner® RGB per DMX output.  
**Cajetín alto** Maximum 100 meters from controller to the amplifier.  
Maximum 100 meters from amplifier to last Ground Liner® RGB.

Máximo 15 Ground Liner® RGB per salida DMX.  
Máximo 100 metros del controlador al amplificador.  
Máximo 100 metros del amplificador al último Ground Liner® RGB.

**Low R.Box** Maximum 5 Ground Liner® RGB per DMX output.  
**Cajetín bajo** Maximum 100 meters from controller to the amplifier.  
Maximum 100 meters from amplifier to last Ground Liner® RGB.

Máximo 5 Ground Liner® RGB per salida DMX.  
Máximo 100 metros del controlador al amplificador.  
Máximo 100 metros del amplificador al último Ground Liner® RGB.

### **B** UP TO 15 GROUND LINER® RGB WITH DMX. HASTA 15 GROUND LINER® RGB CON DMX.

**High R.Box** Maximum 15 Ground Liner® RGB per DMX controller.  
**Cajetín alto** Maximum 100 meters from controller to last Ground Liner® RGB.

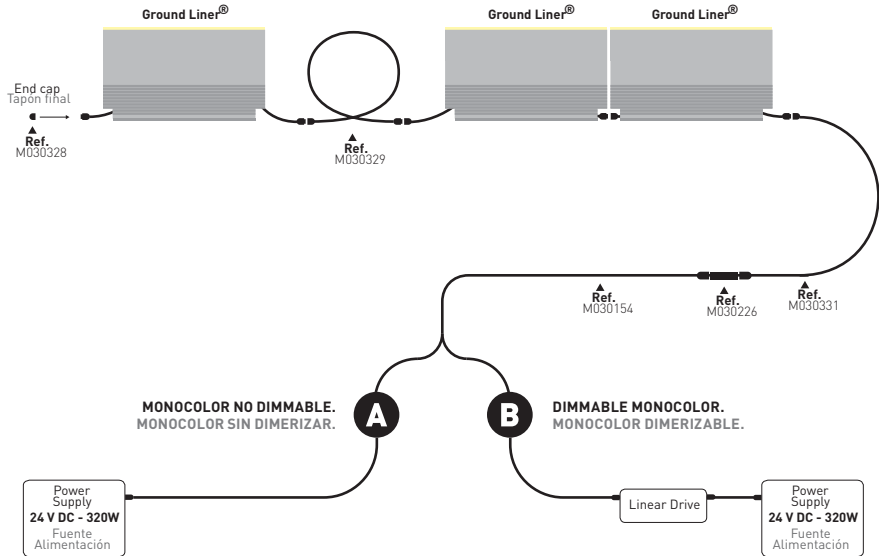
Máximo 15 Ground Liner® RGB per controlador DMX.  
Máximo 100 metros del controlador al último Ground Liner® RGB.

**Low R.Box** Maximum 5 Ground Liner® RGB per DMX controller.  
**Cajetín bajo** Maximum 100 meters from controller to last Ground Liner® RGB.

Máximo 5 Ground Liner® RGB per controlador DMX.  
Máximo 100 metros del controlador al último Ground Liner® RGB.

# GROUND LINER®

## MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR



### A MONOCOLOR NO DIMMABLE MONOCOLOR SIN DIMERIZAR

**15,36 W/m** **High R.Box**  
Cajetín alto  
Maximum 20 Ground Liner® of 1 m connected with PSU 24 V DC - 320W.  
Maximum 5 m from power supply to first Ground Liner®.

Máximo 20 Ground Liner® de 1 m con fuente de alimentación  
24 V DC - 320W.  
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

**15,36 W/m** **Low R.Box**  
Cajetín bajo  
Maximum 6 Ground Liner® of 1 m connected with PSU 24 V DC - 320W.  
Maximum 5 m from power supply to first Ground Liner®.

Máximo 6 Ground Liner® de 1 m con fuente de alimentación  
24 V DC - 320W.  
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

**15,36 W/m** **High R.Box**  
Cajetín alto  
Maximum 32 Ground Liner® of 1 m connected with PSU 24 V DC - 320W.  
Maximum 5 m from power supply to first Ground Liner®.

Máximo 32 Ground Liner® de 1 m con fuente de alimentación  
24 V DC - 320W.  
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

**7,68 W/m** **Low R.Box**  
Cajetín bajo  
Maximum 12 Ground Liner® of 1 m connected with PSU 24 V DC - 320W.  
Maximum 5 m from power supply to first Ground Liner®.

Máximo 12 Ground Liner® de 1 m con fuente de alimentación  
24 V DC - 320W.  
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

### B DIMMABLE WITH LINEAR DRIVE 720 DIMERIZABLE CON LINEAR DRIVE 720

**15,36 W/m** **High R.Box**  
Cajetín alto  
Maximum 20 Ground Liner® of 1 m connected with Lineardrive 720 (PSU 24 V DC - 320W).  
Maximum 5 m from power supply to first Ground Liner®.

Máximo 20 Ground Liner® de 1 m conectados al Lineardrive 720  
(Fuente de alimentación 24 V DC - 320W).  
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

**15,36 W/m** **Low R.Box**  
Cajetín bajo  
Maximum 6 Ground Liner® of 1 m connected with Lineardrive 720 (PSU 24 V DC - 320W).  
Maximum 5 m from power supply to first Ground Liner®.

Máximo 6 Ground Liner® de 1 m conectados al Lineardrive 720  
(Fuente de alimentación 24 V DC - 320W).  
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

**15,36 W/m** **High R.Box**  
Cajetín alto  
Maximum 32 Ground Liner® of 1 m connected with Lineardrive 720 (PSU 24 V DC - 320W).  
Maximum 5 m from power supply to first Ground Liner®.

Máximo 32 Ground Liner® de 1 m conectados al Lineardrive 720  
(Fuente de alimentación 24 V DC - 320W).  
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.

**7,68 W/m** **Low R.Box**  
Cajetín bajo  
Maximum 12 Ground Liner® of 1 m connected with Lineardrive 720 (PSU 24 V DC - 320W).  
Maximum 5 m from power supply to first Ground Liner®.

Máximo 12 Ground Liner® de 1 m conectados al Lineardrive 720  
(Fuente de alimentación 24 V DC - 320W).  
Máximo 5 m de la fuente de alimentación al primer Ground Liner®.



# GROUND LINER®

## MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR

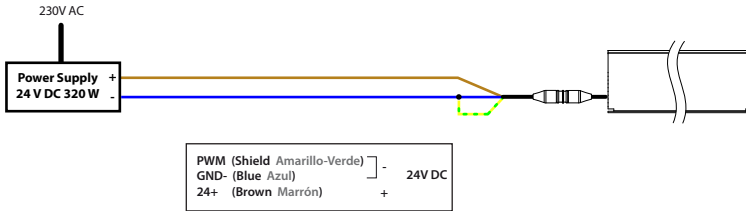


Ground Liner® TECHNICAL GUIDE

### A Steady light Luz fija



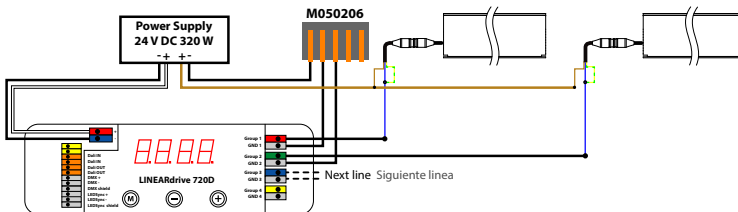
High R.Box  
Cajetín alto



### B Lineardrive 720D DMX/DALI/0-10V 24V DC



High R.Box  
Cajetín alto



PWM (Shield Amarillo-Verde) ] - 24V DC  
GND- (Blue Azul)  
24+ (Brown Marrón) +

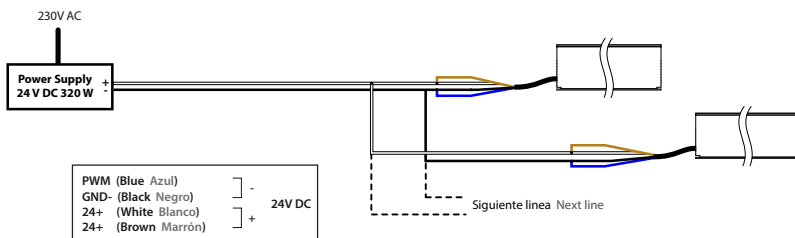
# GROUND LINER®

## MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR

### A Steady light Luz fija



Low R.Box  
Cajetín bajo



### B Lineardrive 720D DMX/DALI/0-10V 24V DC



Low R.Box  
Cajetín bajo

