

QR code for Installations Instructions

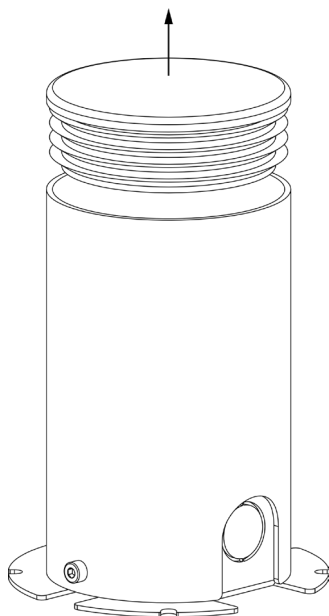


The unit must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations.



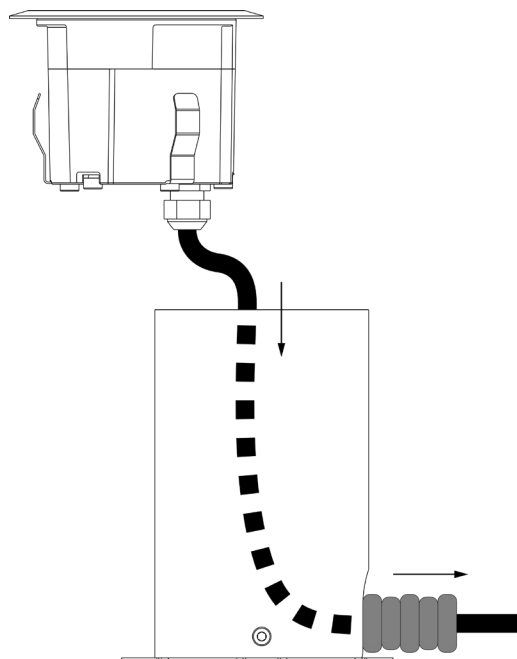
**STEP 1**  
**INSTALLATION OF LYRAE**

1



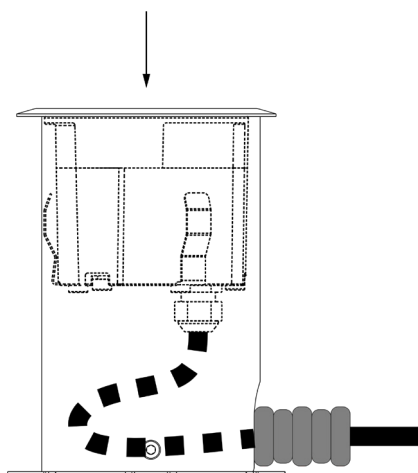
Remove the top cover.

2



Insert the cable from the Luminaire into the Sleeve and pull it through the conduit.

2



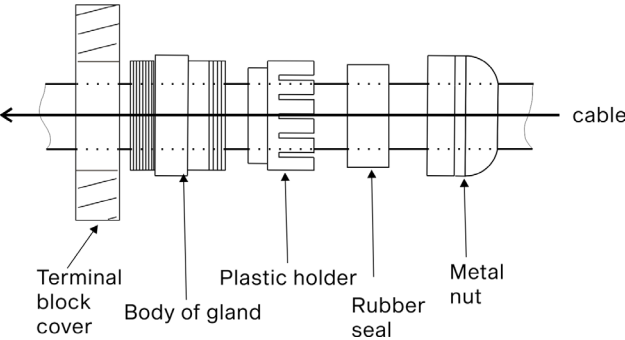
Insert the Luminaire into the Sleeve.

STEP 2  
CABLE GLAND INSTALLATION

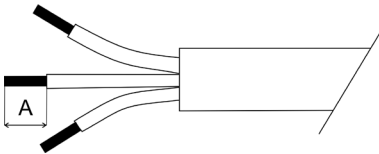
Slip the cable through the gland according to the picture below and do not assemble the gland yet.

Use wrench size 22 for cable gland M20x1.5  
Use wrench size 16 for cable gland M12x1.5

Install Cable glands individually!



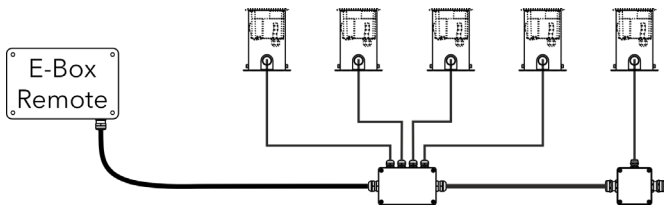
Strip these lengths for cable connections.



A	
Power Connection	9mm
Data Connection	9mm

STEP 3  
CALUMMA CONNECTION  
(JUNCTION BOX IS NOT PART OF THE PACKAGE)

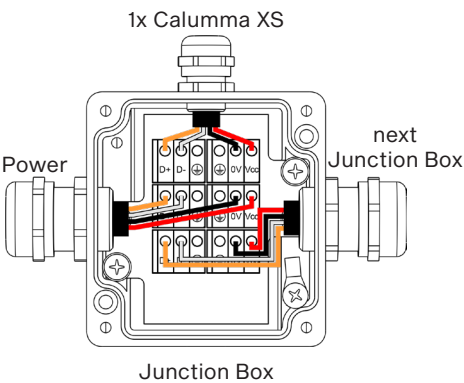
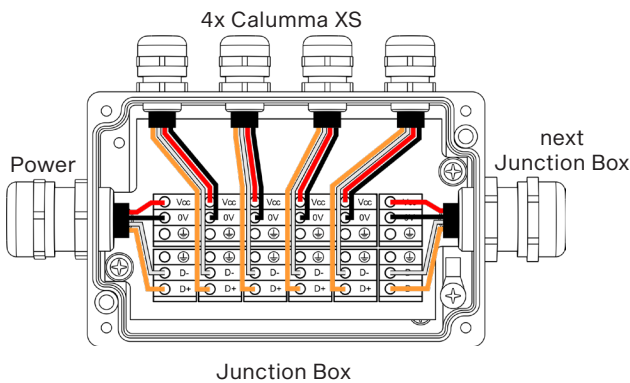
DATA connection



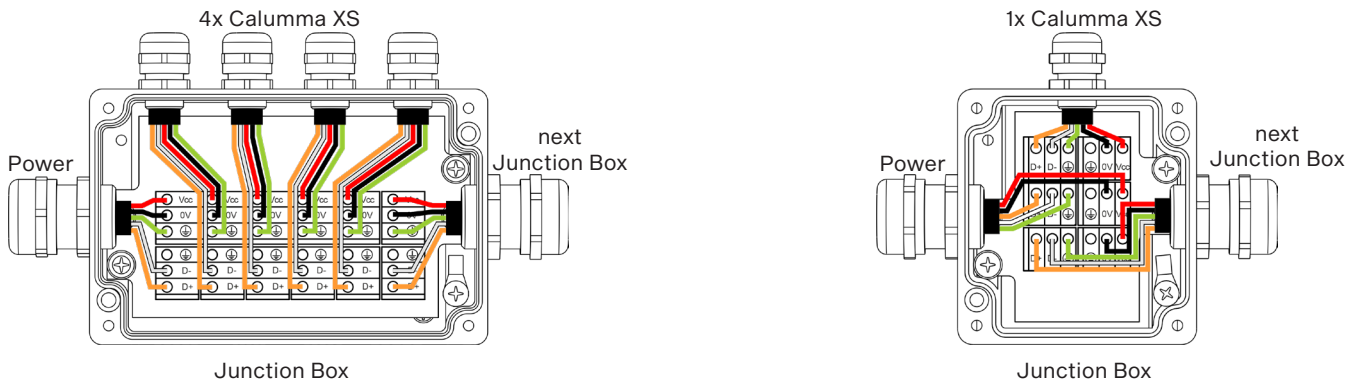
Connection – colour coding

WIRE	POWER CE	POWER US	WIRE	DATA CE	DATA US
Red	Vcc	Vcc	Orange	Data + (+)	Data + (+)
Black	0V	0V	White	Data - (-)	Data - (-)
Green/Yellow	/	⊕	/	/	/

CE color code shown

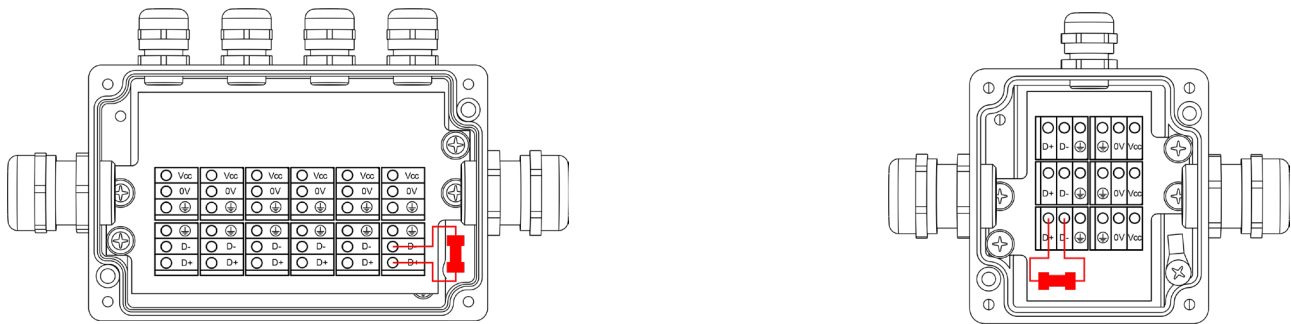


US color code shown

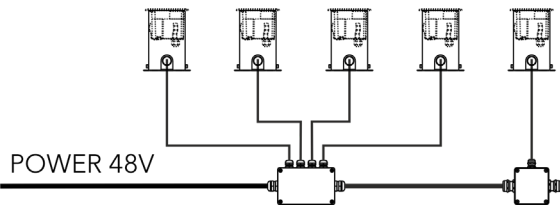


DMX connection

NOTE: Each DMX line of Calummas XS connected to the LED output of the E-box Remote has to be terminated at the last fixture. Connect a 120 Ohm resistor between terminals D+ and D- in the last fixture.

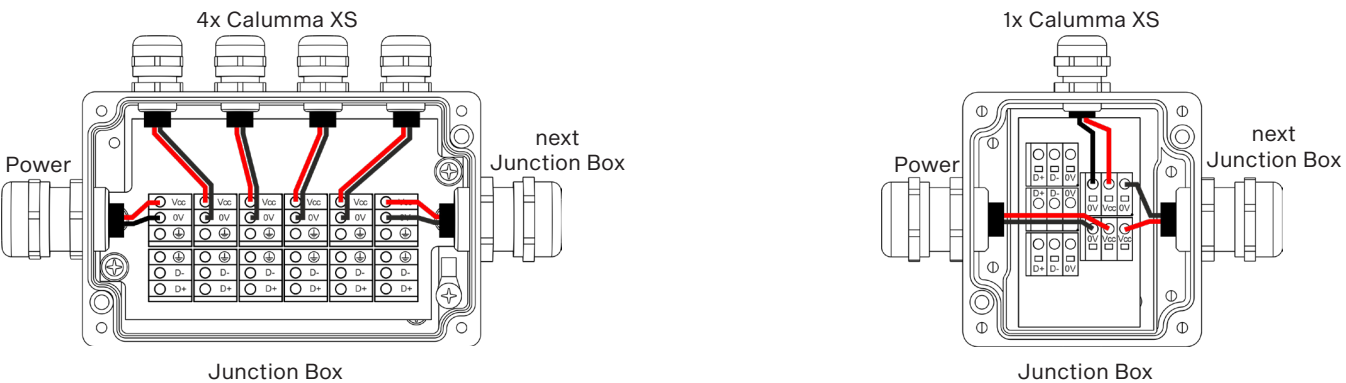


Power ON/OFF (only for Calumma SC)

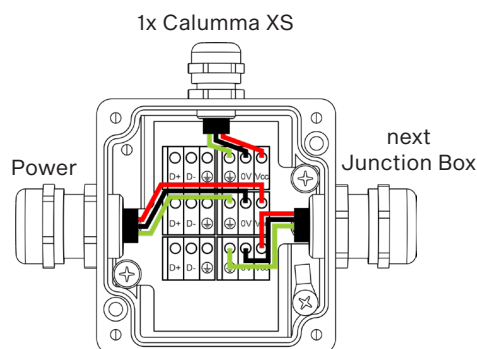
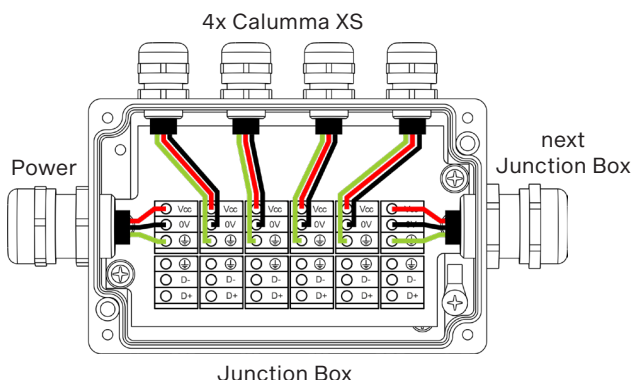


Connection – colour coding		
WIRE	POWER CE	POWER US
Red	Vcc	Vcc
Black	0V	0V
Green/Yellow	/	⊕

CE color code shown



US color code shown



### STEP 4 CABLE GLAND INSTALLATION

Assemble the cable gland according to the picture.

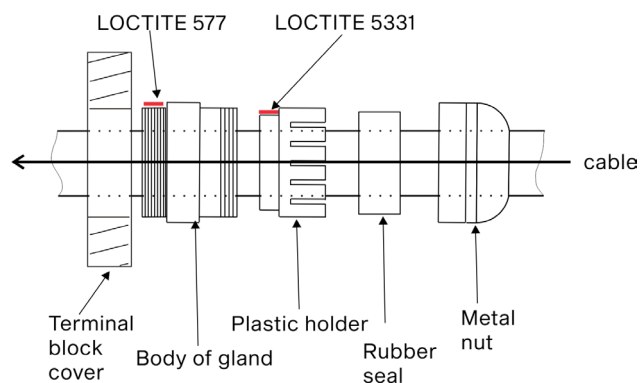
Use wrench size 22 for cable gland M20x1.5

Use wrench size 16 for cable gland M12x1.5

Install Cable glands individually!

We recommend to apply an adequate layer of the paste LOCTITE 5331 on the plastic holder of the cable gland before inserting in into the body of the gland and an adequate layer of the paste LOCTITE 577 on the thread of the gland body.

**Failure to properly install cable glands will result in failure of the water tight seal!**



### STEP 5 RE-ENTERABLE ELECTRICAL INSULATING RESIN (P/N 10980658, SOLD SEPARATELY)



After checking all connections, fill the connection box with synthetic resin. Make sure the end cap is inserted in any unused cable glands, and the earth ground wire is pulled from the junction box before filling it with resin. Read and follow all instructions stated on the resin bag prior to filling the junction box. The connection box has to be fully filled by resin.

**It is compulsory to use the Insulating Resin to fill the junction box. Failure to do so will void the warranty.**