

## **PRODUCT FEATURES:**

LED Floodlight ideal for lighting facades, large structures, bridges, sports areas, retail spaces and perimeter areas.

iPlasma SQ provides a high-intensity wash of light with customisable beam angles for floodlighting, spotlighting, wall washing and grazing. Three sizes: small, medium and large. Advanced thermal design with cutting-edge manufacturing process and materials.

Designed to last in extremely harsh environments.

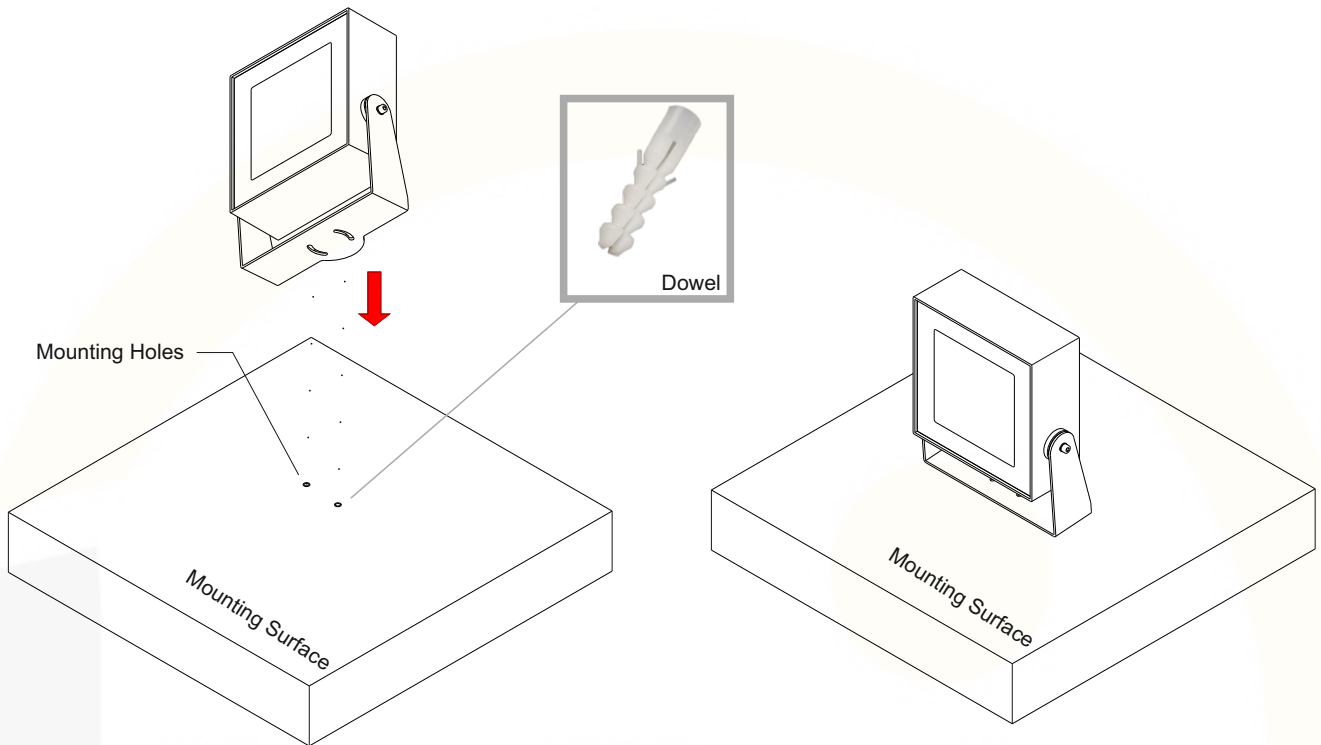
## **RECOMMENDATIONS FOR THE USER:**

- 1) Before the installation, make sure that there is no voltage.
- 2) Do not touch the fitting when it is working on / switched on
- 3) Do not look at the fitting directly or from a short distance.
- 4) Disconnect / switch off the fitting before changing the lamps

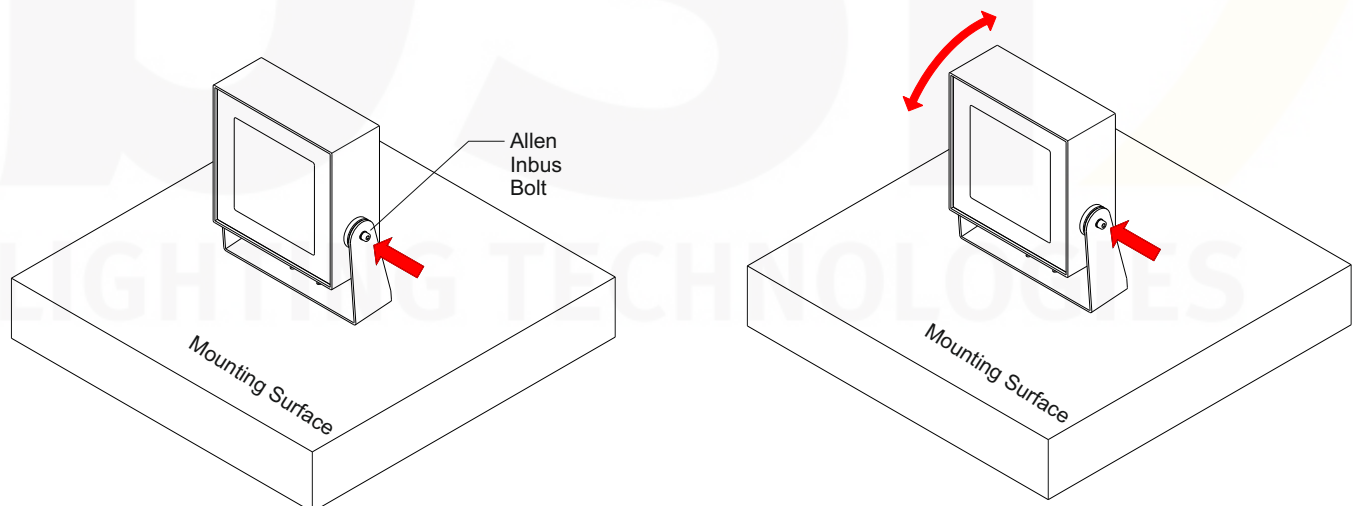
## **NOTES:**

- Technical amendments are reserved.
- CE – Conformity mark
- The manufacturer is then discharged from liability when damage is caused by improper use or installation.
- Clean luminaire regularly with solvent-free cleansers from dirt and deposits. Do not use high pressure cleaners.

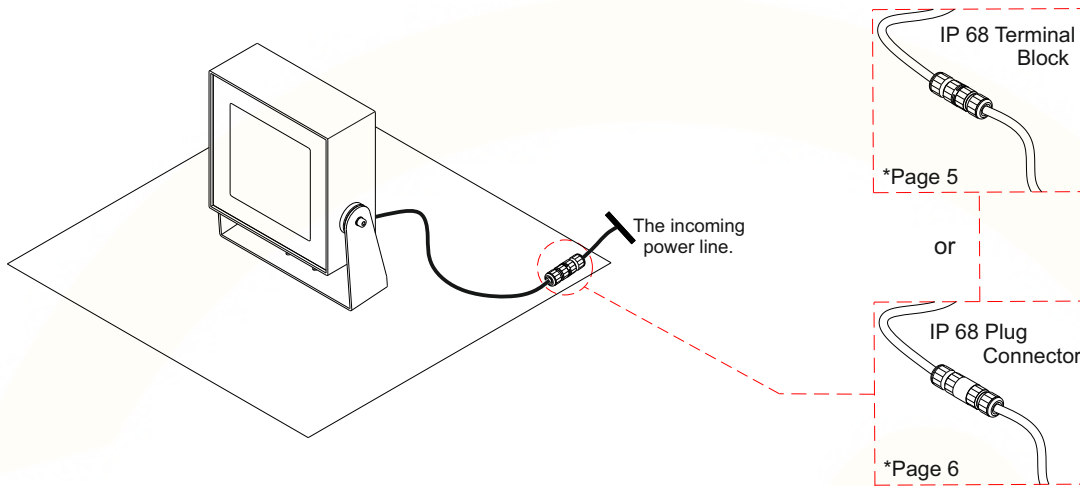
- 1) Drill holes on the mounting surface and install the fixing plugs.  
The luminaire is screwed onto the mounting surface.



- 2) Allen imbus bolt on the luminaire foot are loosened to the desired angle and the tightened again.



## - iPlasma SQ Mono Electrical Connection



When connecting the luminaires, make sure that the same color cables are matching.

- (L) Brown
- (⊕) Yellow - Green
- (N) Blue

**RISK OF ELECTRIC SHOCK**

*\*Please contact us for cables if in different colors.*

### Dali Connection

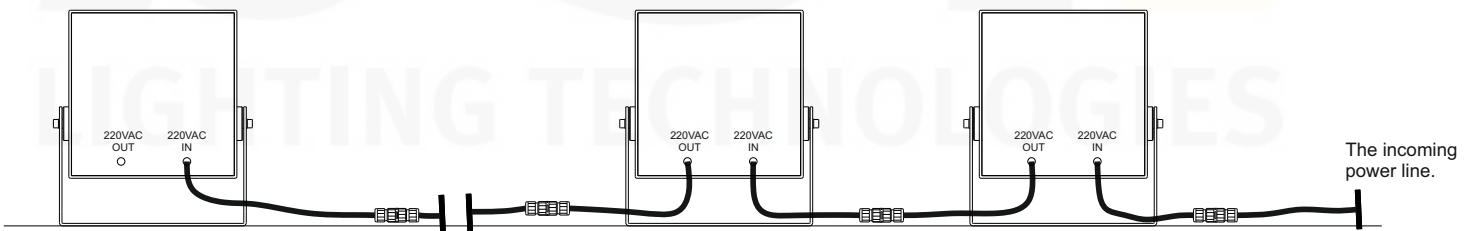
When connecting the luminaires, make sure that the same color cables are matching.

- (L) Brown
- (⊕) Green-Yellow
- (N) Blue
- (DaL) Black
- (DaN) Gray

**RISK OF ELECTRIC SHOCK**

*\*Please contact us for cables if in different colors.*

## - iPlasma SQ Mono Multi Electrical Connection



**TH9**  
**2-3-4 POLES**

**1**

**2**

*Screw terminals*

**2-3-4 POLES**

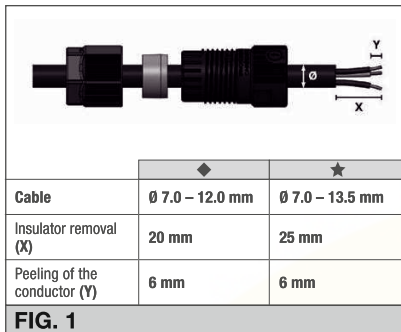
①	←	①
②	←	②
③	←	③
⊕	←	④

**2.1**  
*Piercing terminals version*

*No unsheathing*

**3**

**4**

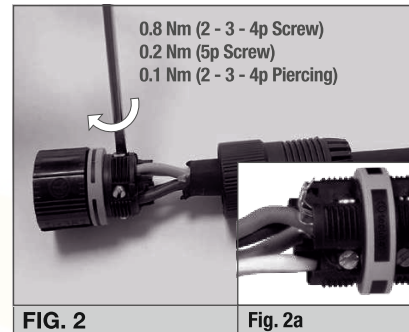


**FIG. 1**

Grommet / Adapter	Cable Ø min. - max.	
	◆	★
	2 - 3 - 4 - 5 poles	2 - 3 - 4 - 5 poles (L)
	9.0 mm – 12.0 mm	9.0 mm – 13.5 mm
	7.0 mm – 9.0 mm	7.0 mm – 9.0 mm
	with 6000347LA 5.0 mm – 7.0 mm	with 6000087LF 6.0 mm – 7.0 mm

*For cables with a smaller diameter, use the appropriate accessories (visit [www.techno.it](http://www.techno.it))*

**FIG. 1b**



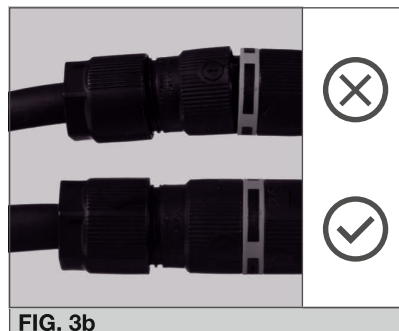
**FIG. 2**

**Fig. 2a**



**FIG. 3**

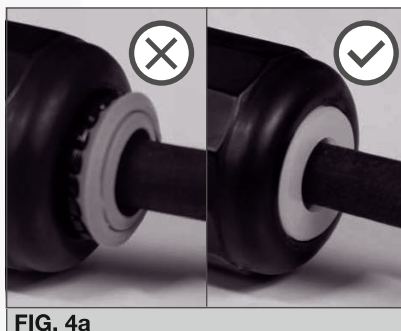
**Fig. 3a**



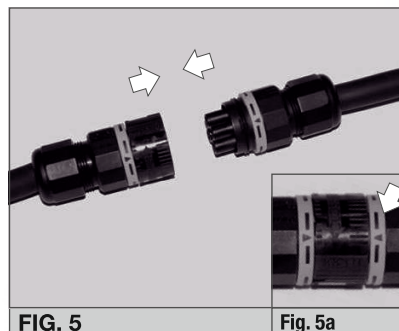
**FIG. 3b**



**FIG. 4**



**FIG. 4a**



**FIG. 5**

**Fig. 5a**



**FIG. 6**

**Fig. 6a**

**FIG. 1**

- Remove the insulation from the cable and conductors according to the specifications indicated.
- Insert the cable through the nut, the grommet and the body of the cable gland.
- Check the correct use of the grommet with respect to the cable to be installed in the connector as indicated in **Fig. 1b**.

**FIG. 2**

- Insert the individual conductors into the connector terminals, making sure they are correctly positioned (**Fig. 2a** – example of incorrect installation).
- Turn the cable tightening screws clockwise (max. 0.2 Nm) for the 5 poles, (max. 0.8 Nm) for the 2 - 3 - 4 poles Screw and (max. 0.1 Nm) for Piercing versions.

**FIG. 3**

- Join the strain relief to the connector, then turn it clockwise (max. 2.0 Nm).
- Then, insert the grommet into the cable gland (**Fig. 3a** – in case of a double grommet, make sure to insert the grommet into the cable gland according to the correct orientation: the indicated ring must be visible).
- Make sure the cable gland is installed and screwed correctly onto the connector (**Fig. 3b**).

**FIG. 4**

- Then, join the nut and rotate it clockwise using the quick tightening wrench (code 6000337BC - max. 2.5 Nm). The key will slip when you have reached the optimum torque.
- It is possible fix the nut also by using common use tools (24 mm – max. 2.5 Nm).

**FIG. 4a**

- Make sure that the grommet is correctly positioned after fixing the nut (**Fig. 4**).

**FIG. 5**

- Make sure the correct orientation of the plug and socket connectors as indicated by the arrow (**Fig. 5a**).
- Join the pre-wired connectors together, until reaching the limit switch ensuring correct coupling.

**FIG. 6**

- Manually clockwise rotate the fixing ring of the plug connector until a firm resistance to rotation is reached.
- Alternatively, rotate the ring clockwise with the use of a tool until the torque is reached (max. 1.0 Nm).

### **Considerations**

- Do not cut-off or damage the cables of the products supplied as sockets. Otherwise, water may enter to the luminaire through cable and damage the electronic parts inside.
- If you make the electrical connection, except for IP.68 Terminal Block - IP.68 Plug connector - IP.68 socket; the connections must be under IP protection. Otherwise, water may enter to the luminaire through cable and damage the electronic parts inside.
- The IP68 Connecting kits must be assembled in accordance with the installation instructions. Otherwise, water may enter to the luminaire through cable and damage the electronic parts inside.
- The luminaire should not be opened and screws should not be loosened. If you want to open the luminaire, please contact our company.

### **Out of Warranty Situations**

- Opening the product or loosening the screws.
- Product last output cable is not protected IP67-IP68.
- Faulty electrical connection.
- Wrong IP68 socket-terminal block- plug connector connection. (Wrong opening of the cable length, faulty tightening the screws etc.)
- If the IP68 Connecting kits are under water.