PRODUCT FEATURES:

iClax is a high output LED floodlight with perfect beam control.
Glare free and available with narrow, medium and wide beam optics.
Ideally suited as a spotlight for accent light from a large distance or as a floodlight
for the illumination of large building facades and sculptures.
Designed to last in extremely harsh environments.
Monochrome, RGB, RGBW, DMX and DALI controllable, easy to install with the
integrated universal power supply and connect via combined power and data connectors

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) The mounting platform is removed by loosening the setscrews on the luminaire foot.
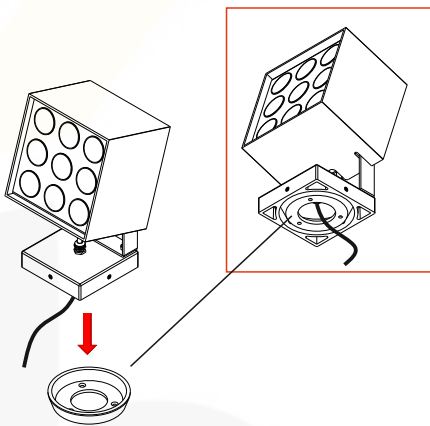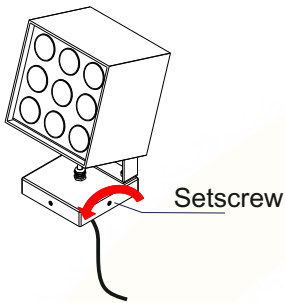
Setscrew

2) Drill holes on the mounting surface and install the fixing plugs.
The mounting plate is screwed onto the mounting surface.

Incoming energy cable

Mounting Surface

Luminaire cable

Incoming energy cable
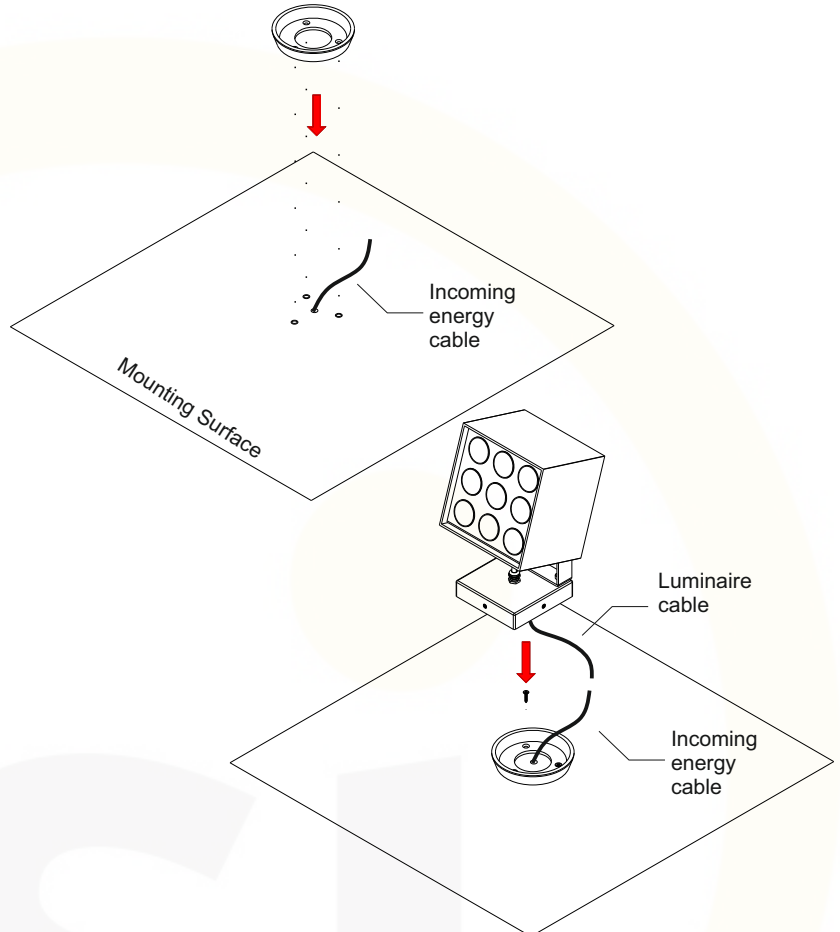
3) Electrical connection of the luminaire is done.(Page 3) The luminaire is placed on the mounting plate. Tighten the setscrews with desired direction by turning right or left.
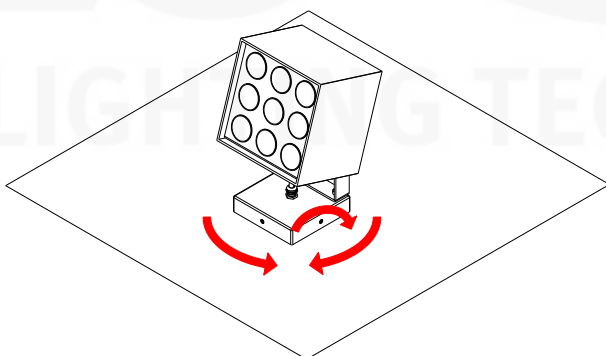
4) Keyed head bolt on the back side of the luminaire are loosened to the desired angle and the tightened again.

2
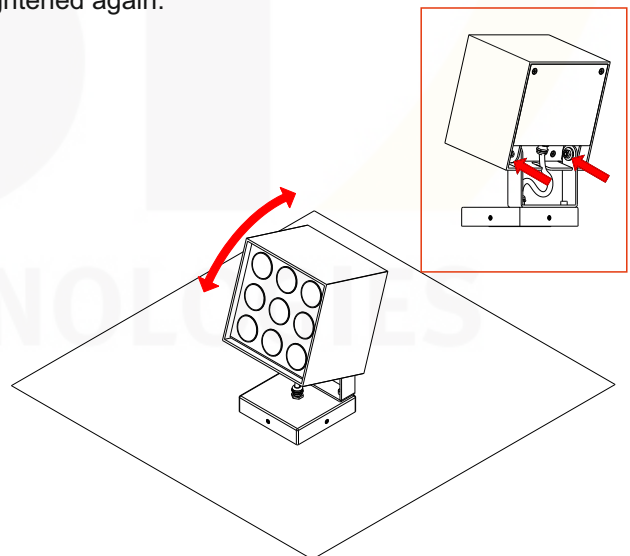
- iClax Mono Electrical Connection

IP 68 Terminal Block

*Page 4

or

IP 68 Plug Connector

*Page 5

or

IP 68 Socket

The incoming power line.

When connecting the luminaires, make sure that the same color cables are matching.
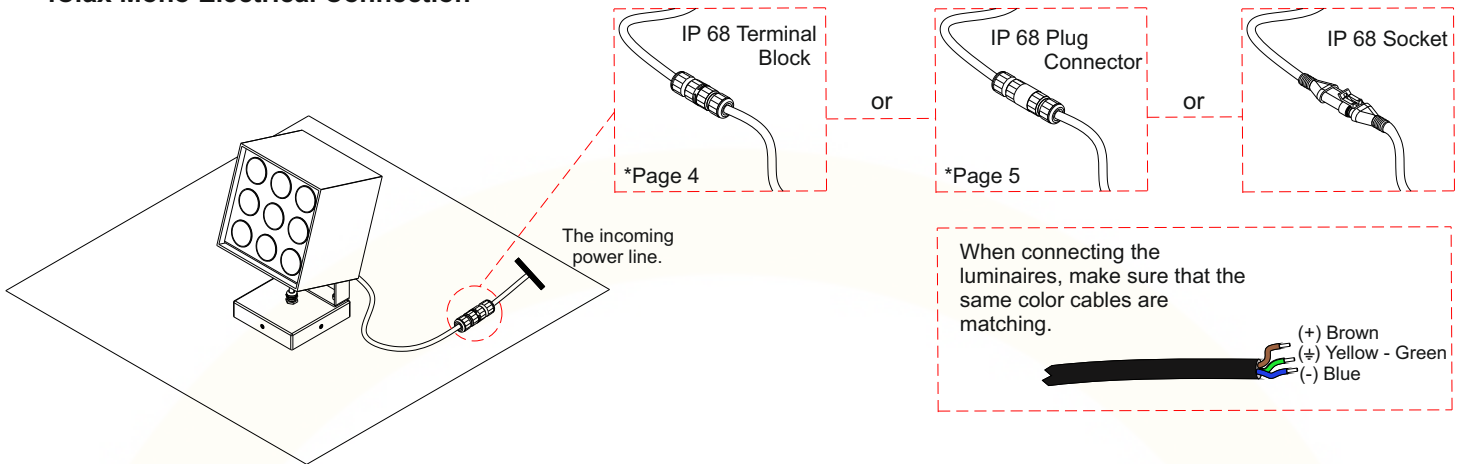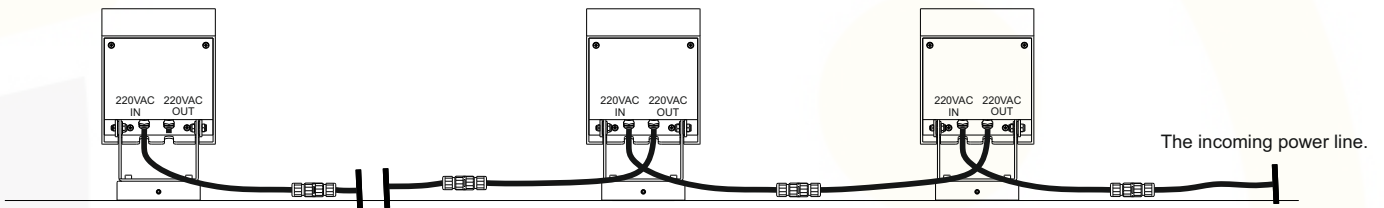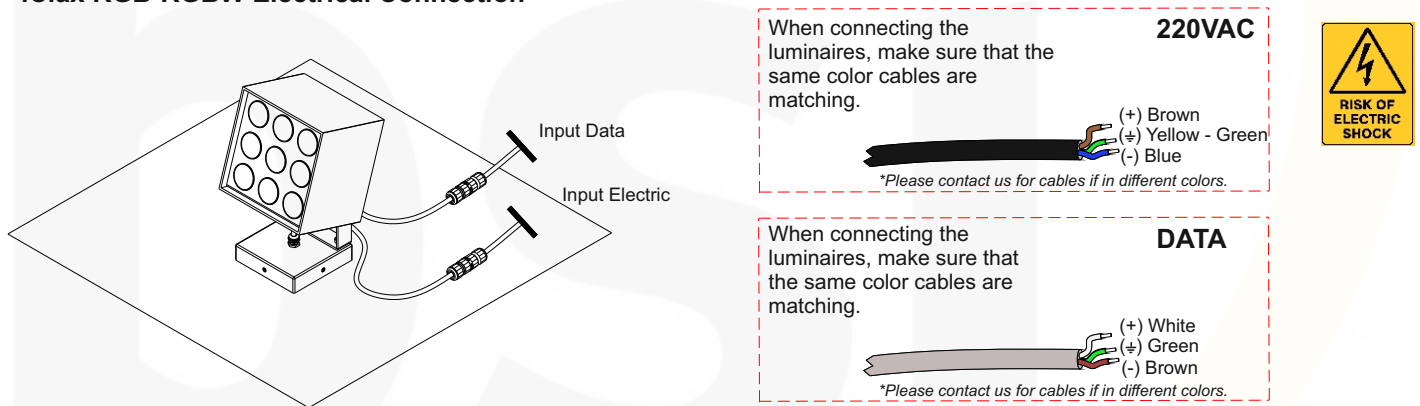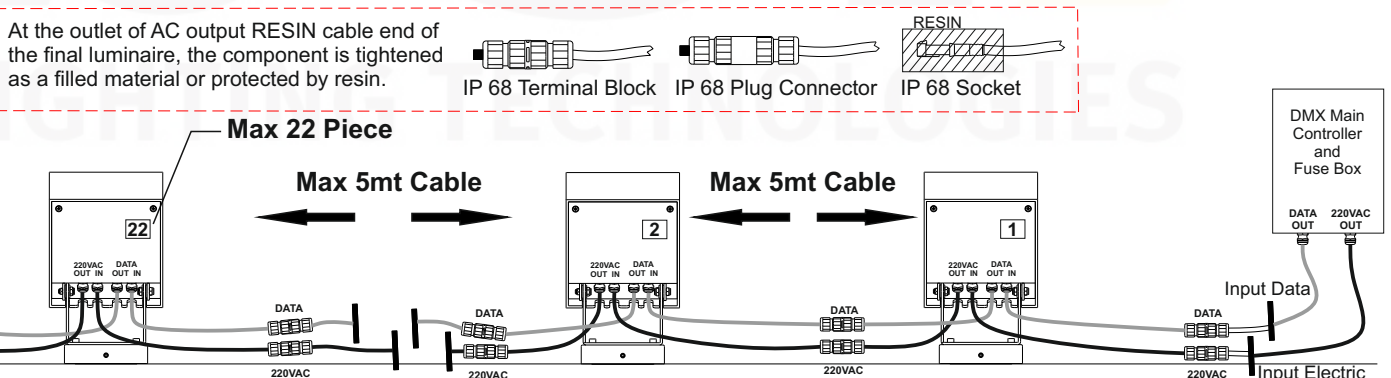
(+) Brown
(⏚) Yellow - Green
(-) Blue

- iClax Mono Multi Electrical Connection

220VAC IN   220VAC OUT

220VAC IN   220VAC OUT

220VAC IN   220VAC OUT

The incoming power line.

- iClax RGB-RGBW Electrical Connection

Input Data

Input Electric

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

220VAC

RISK OF ELECTRIC SHOCK

(+) Brown
(⏚) Yellow - Green
(-) Blue

Please contact us for cables if in different colors.

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

DATA

(+) White
(⏚) Green
(-) Brown

Please contact us for cables if in different colors.

- iClax RGB-RGBW Multi Electrical Connection

At the outlet of AC output RESIN cable end of the final luminaire, the component is tightened as a filled material or protected by resin.

RESIN

IP 68 Terminal Block   IP 68 Plug Connector   IP 68 Socket

DMX Main Controller and Fuse Box

DATA OUT   220VAC OUT

Max 22 Piece

Max 5mt Cable

Max 5mt Cable

22

2

1

220VAC OUT IN   DATA OUT IN

220VAC OUT IN   DATA OUT IN

220VAC OUT IN   DATA OUT IN

DATA

DATA

DATA

DATA

DATA

220VAC

220VAC

220VAC

220VAC

220VAC

Input Data

Input Electric

Install the luminaires according to the order in numbers. The cable from main controller should first be connected to the luminaire number 1.

3

TH9
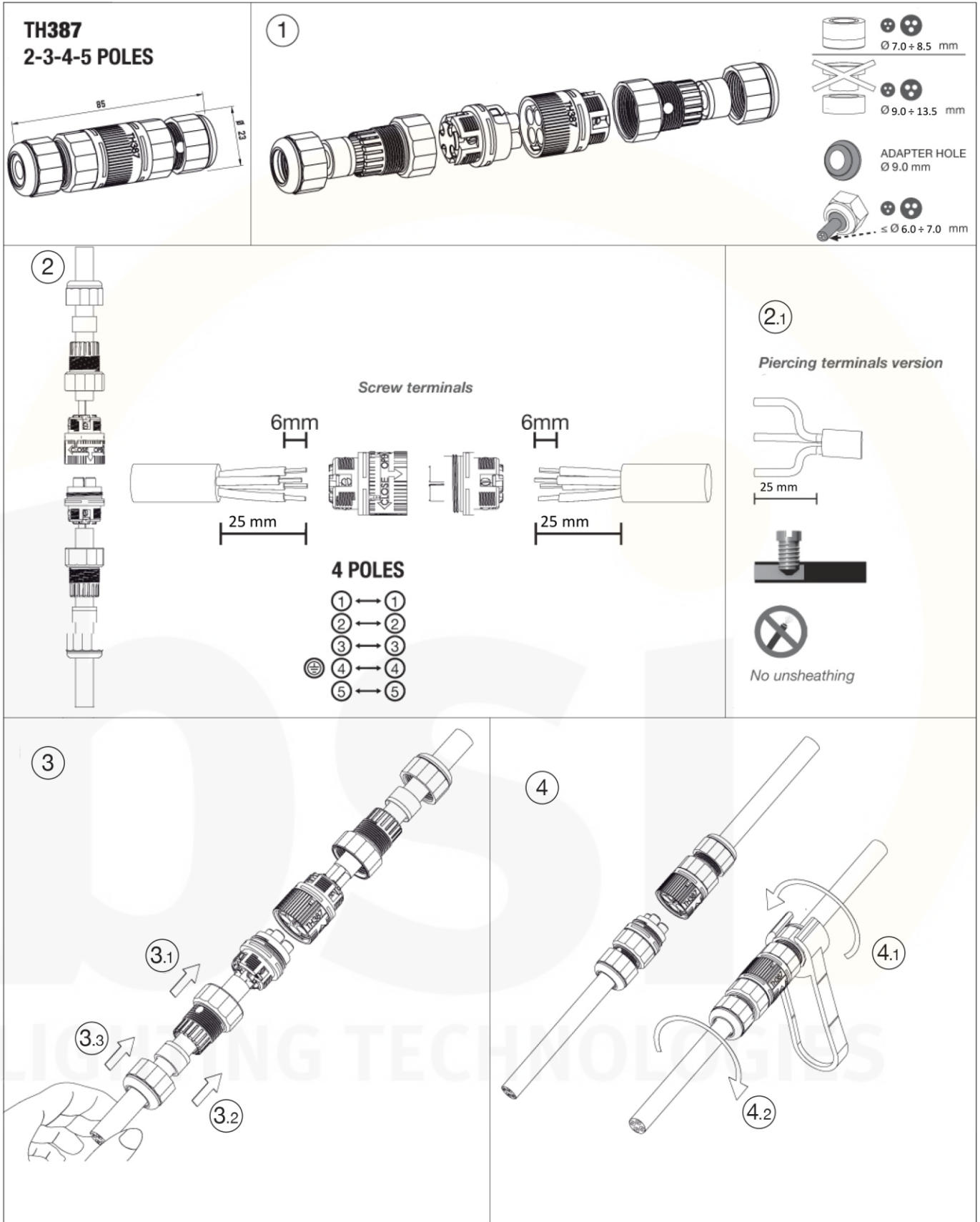**2-3-4 POLES**

69

23

30

1

Ø 7.0 ÷ 9.0 mm

Ø 9.0 ÷ 12.0 mm

ADAPTER HOLE
Ø 9.0 mm

CH22

CH21

2

Screw terminals

20mm

20mm

2-3-4 POLES

① ⟷ ①
② ⟷ ②
③ ⟷ ③
④ ⟷ ④

2.1

Piercing terminals version

20mm

No unsheathing

3

3.1

3.3

3.2

4

4.1

4.2

TH387
2-3-4-5 POLES

85

Ø 23

①

Ø 7.0 ÷ 8.5 mm

Ø 9.0 ÷ 13.5 mm

ADAPTER HOLE
Ø 9.0 mm

≤ Ø 6.0 ÷ 7.0 mm

②

Screw terminals

6mm

6mm

25 mm

25 mm

4 POLES

① ⟷ ①
② ⟷ ②
③ ⟷ ③
④ ⟷ ④
⑤ ⟷ ⑤

②.1

Piercing terminals version

25 mm

No unsheathing

③

③.1

③.3

③.2

④

④.1

④.2

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, fauly tightening the screws etc.)

- If the IP68 Connecting kits are under water.