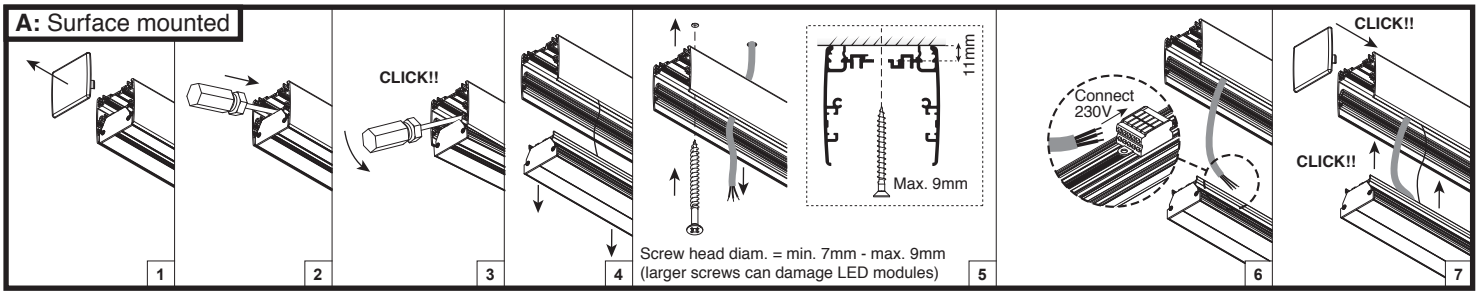
LEDLiner 70

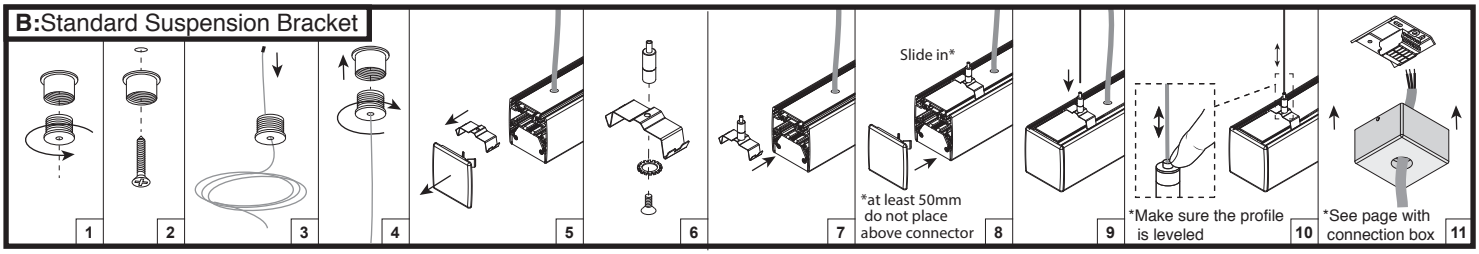
This product contains a light source of energy efficiency class D

DOXIS
LIGHTING FACTORY

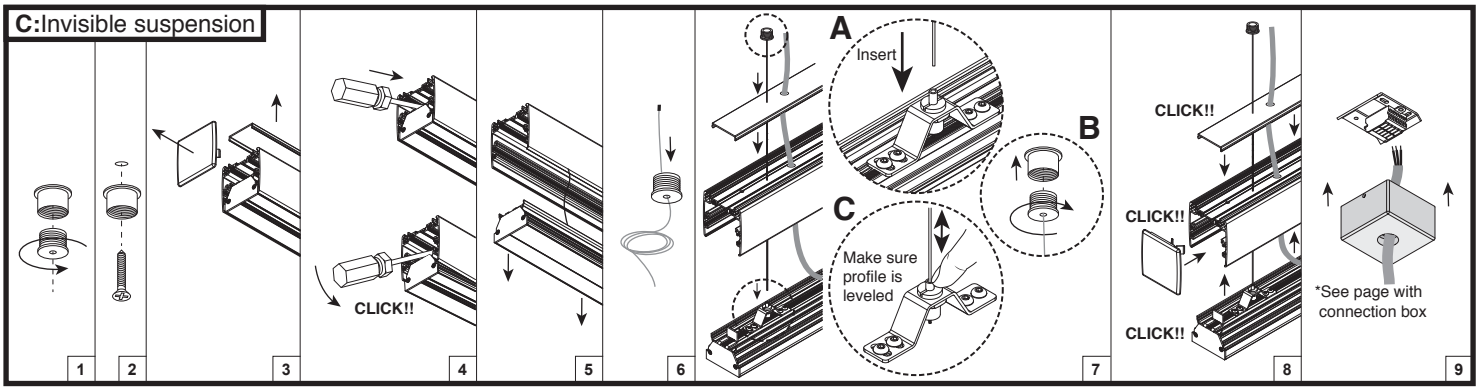
A: Surface mounted



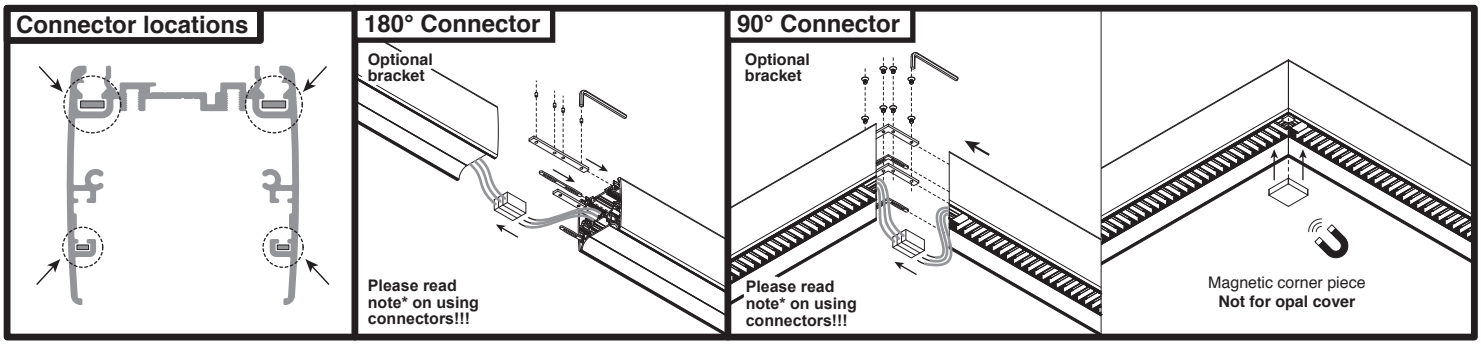
B: Standard Suspension Bracket



C: Invisible suspension



Connector locations



A) Surface Mounted

1. Remove End Cap (Pull)
2. Place screwdriver or other tool inside profile
   Make sure tool does not damage inner components
3. Use leverage to clip out inner profile
4. Remove inner pofile from outer profile
5. Fix profile to ceiling using screws.
6. Connect power
7. Snap inner profile back into outer profile
   Make sure cables are not pinched between 2 profiles
   Place end cap back

90°/180° Connector

1. Place connector in slots (see marked locations)
   Press joining pins into slots
2. Make power connection between profiles
   Fix conector bracket in first profile part
   Slide profile parts against each other
   Fix connector bracket in second profile
3. Place magnetic corner piece into corner
   (only for 90° connector with UGR grid)

*NOTE ON USING CONNECTORS (90°/180°)
For prevention of light leakage caused by the small gap on the connection of 2 profiles please place tape over gaps.
See page "Light leakage prevention"

B) Standard Suspension Bracket

1. Disassemble ceiling fixation
2. Fix ceiling fixation to ceiling using screws
3. Pull steel wire through bottom part of ceiling fixation
4. Reassemble ceiling fixation
5. Remove end caps
   Remove top cover
   Remove suspension bracket
6. Assemble suspension bracket
7. Slide suspension brackets into profile
   Move bracket to desired location (>50mm from edge)
   (Bracket cannot be placed above connectors)
8. Place end caps back
9. Insert suspension wire into wire gripper
10. Adjust height and make sure profile is leveled
11. Make power connection (see page connection boxes)

C) Invisible Suspension

1. Disassemble ceiling fixation
2. Fix ceiling fixation to ceiling using screws
3. Remove end caps and top cover
4. Place screwdriver or other tool inside profile
   Make sure tool does not damage inner components
   Use leverage to clip out inner profile
5. Remove inner pofile from outer profile
6. Pull steel suspension wire through bottom part of ceiling fixation
7. Pull steel suspension wire through top cover, outer profile and inner profile
   Insert suspension wire into wire gripper (A)
   Mount profile to ceiling by screwing bottom part of ceiling fixation to top part (B)
   Adjust height and make sure profile is leveled (C)
8. Snap inner profile back into outer profile
   Place top cover back
   Make sure cables are not pinched between the 2 profiles
   Place end cap back
9. Make power connection (see page connection boxes)

⚠ Attention!!

Be very careful with LEDs when working on product! Do not touch LEDs
Do not let tools come in contact with LEDs
Warranty void if LED contact has taken place

Only to be installed by a qualified electrician
Always make sure power is completely switched off when working on profile

Always make sure suspension cables are placed perpindicular to both the ceiling and the profile itself

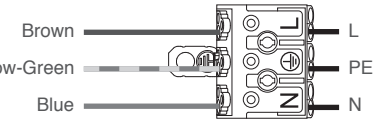
When connecting multiple parts of a structure always make sure LED polarity is respected. This means connecting white to white and grey to grey wires

Profile wiring & Light Leakage prevention

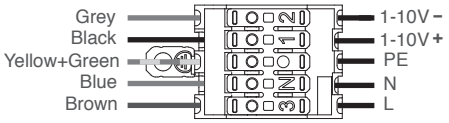
DOXIS
LIGHTING FACTORY

1.Single circuit

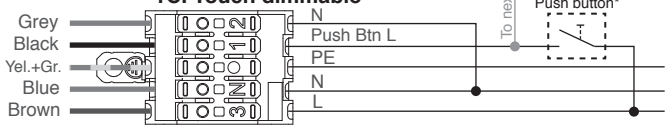
1A. Non dimmable



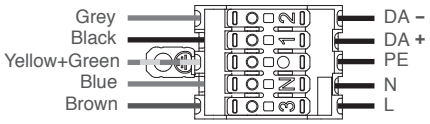
1B. 1-10V dimmable



1C. Touch dimmable

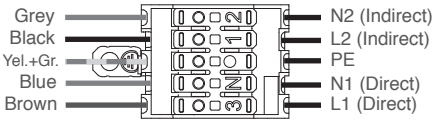


1D. DALI dimmable



2.Double circuit direct/indirect

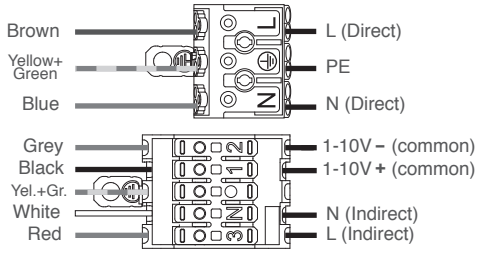
2A. Non dimmable



2B. 1-10V Dimmable SUSPENDED

STANDARD FOR SUSPENDED PROFILES ONLY

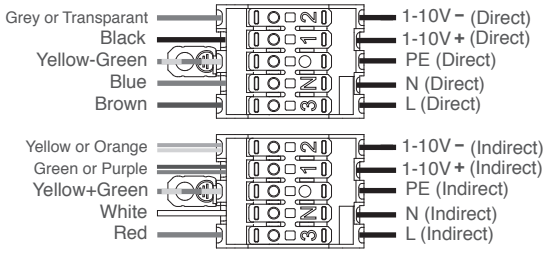
7-wire cable included only for ready-to-go profiles, otherwise optionally available
Direct/indirect independantly switchable
Direct/indirect dimming levels are equal (common 1-10V input)



2C. 1-10V Dimmable SURFACE MOUNTED, TRIMLESS AND RECESSED

STANDARD FOR SURFACE MOUNTED, TRIMLESS AND RECESSED PROFILES ONLY

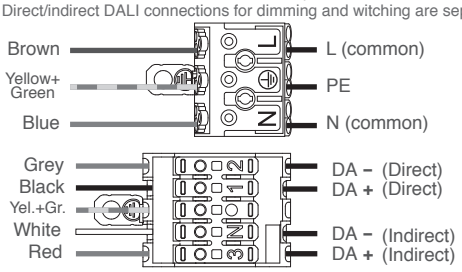
On request for suspend profiles with optional 9-wire transparant cable
Direct/indirect independantly switchable
Direct/indirect dimming levels can be controlled independantly



2D. DALI Dimmable SUSPENDED

STANDARD FOR SUSPENDED PROFILES ONLY

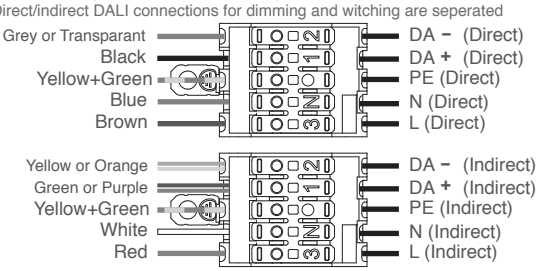
7-wire cable included only for ready-to-go profiles, otherwise optionally available
Direct/indirect uses a common continuous power connection
Direct/indirect DALI connections for dimming and witching are seperated



2E. DALI Dimmable SURFACE MOUNTED, TRIMLESS AND RECESSED

STANDARD FOR SURFACE MOUNTED, TRIMLESS AND RECESSED PROFILES ONLY

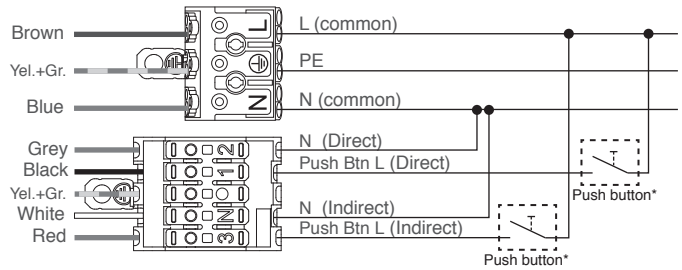
On request for suspend profiles with optional 9-wire transparant cable
Direct/indirect power connections are seperated
Direct/indirect DALI connections for dimming and witching are seperated



2F. Touch Dimmable SUSPENDED

SUSPENDED PROFILES

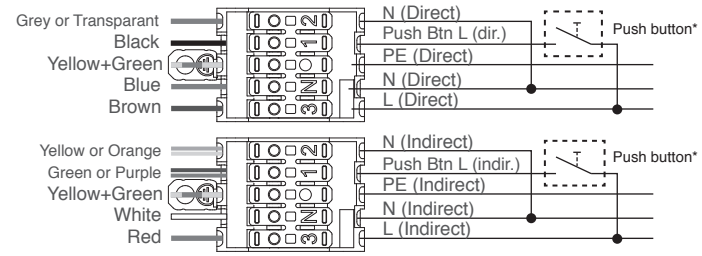
7-wire cable included only for ready-to-go profiles, otherwise optionally available
Direct/indirect uses a common continuous power connection
Direct/indirect independantly switchable and dimmable



2G. Touch Dimmable SURFACE MOUNTED, TRIMLESS AND RECESSED

STANDARD FOR SURFACE MOUNTED, TRIMLESS AND RECESSED PROFILES ONLY

On request for suspend profiles with optional 9-wire transparant cable
Direct/indirect power connections are seperated
Direct/indirect independantly switchable and dimmable



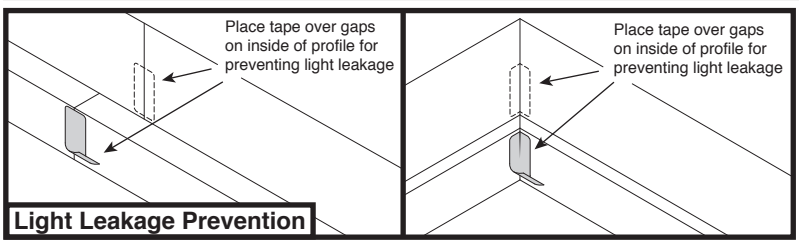
Touch information:

No limit on cable lengths
No limit on number of switches
Maximum 30 drivers can be connected to one push button
Possibility to synchronise drivers (for example when connecting a new driver)
Only to be used connected directely to a standard NO (normally open) push button*.
Push buttons must always be installed on the same electrical circuit as the driver.
*Only use normally open push buttons without additional circuitry (warning lights, relay units, etc.)

Touch: Push button operation

Duration:		Operation
Ignore:	0-40ms	Ignore
Short push:	40-500ms	Switch ON/OFF
Long push:	500-10.000ms	Dim up/down
Reset Push:	>10.000ms	Synchronise

When switching off and back on, the driver returns to the last dimming level.



Light Leakage Prevention

⚠ Attention!!

Be very careful with LEDs when working on product!
Do not touch LEDs. Do not let tools come in contact with LEDs.
Warranty void if LED contact has taken place.

Only to be installed by a qualified electrician.
Always make sure power is completely switched off when working on profile.

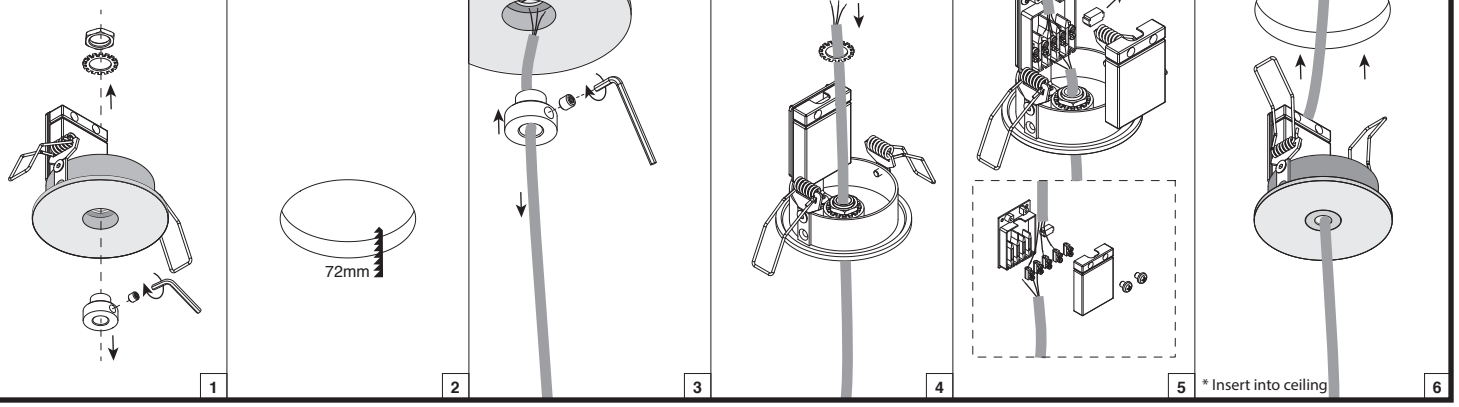
Always make sure suspension cables are placed perpindicular to both the ceiling and the profile itself.

When connecting multiple parts of a structure always make sure LED polarity is respected. This means connecting white to white and grey to grey wires.

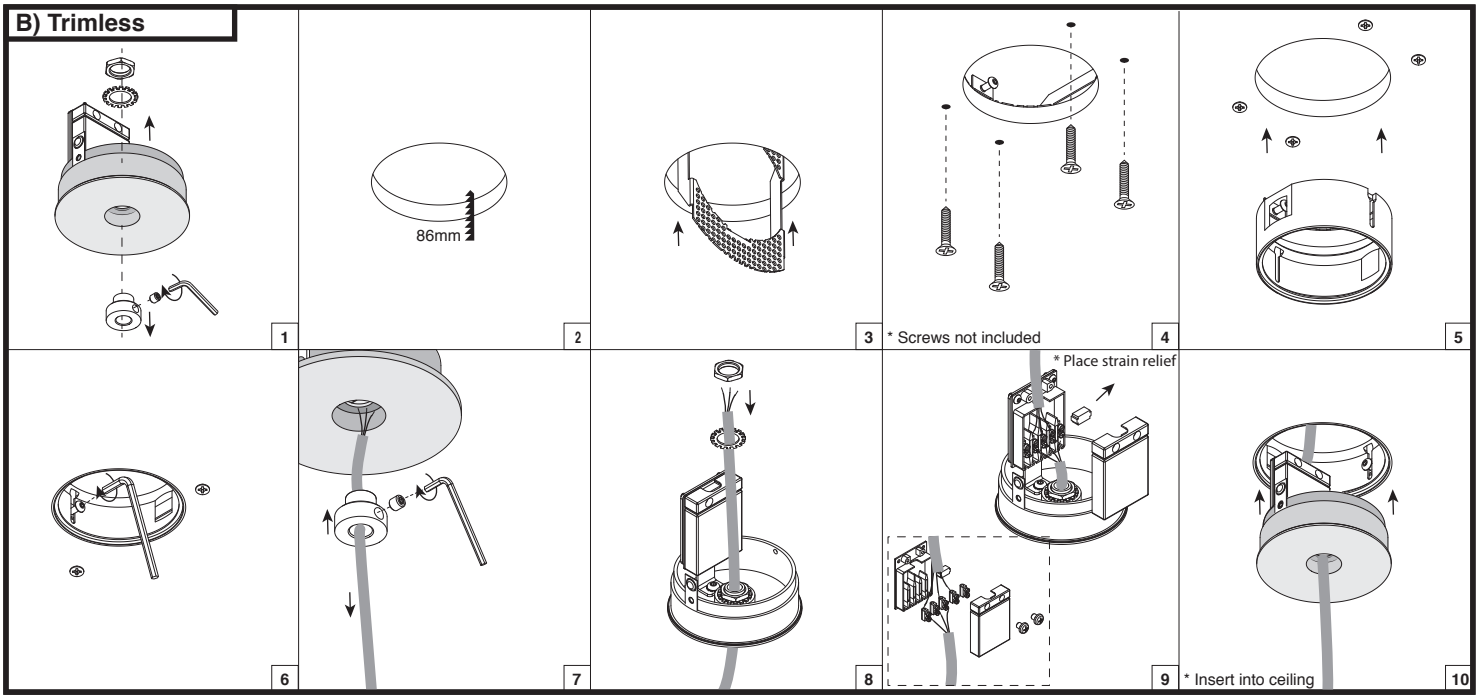
Ceiling connecting boxes

DOXIS
LIGHTING FACTORY

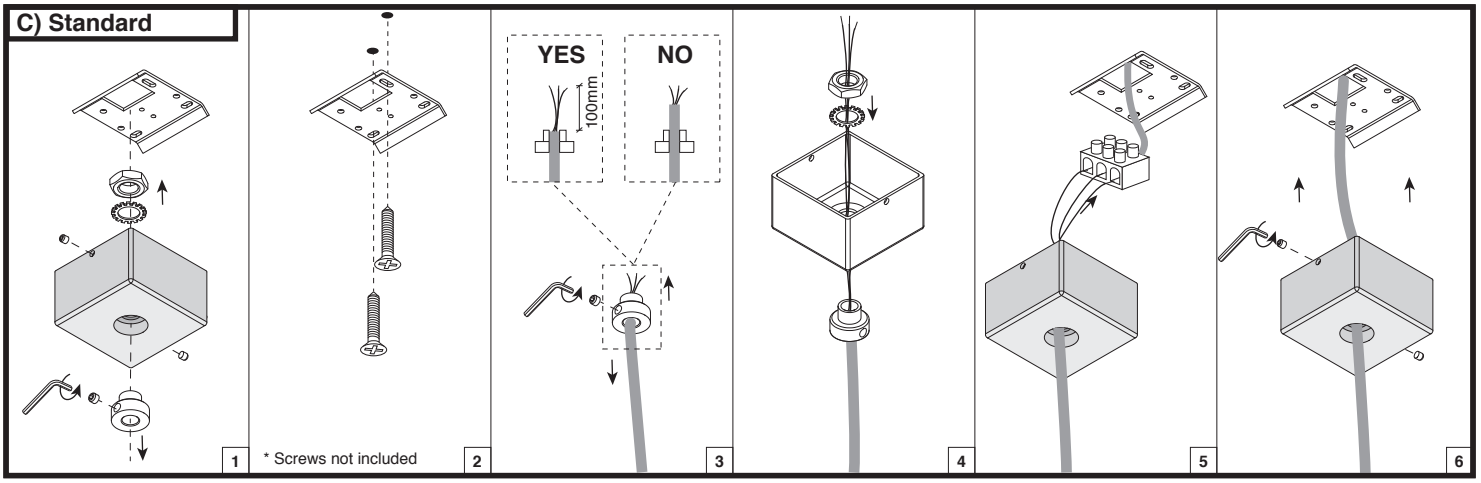
A) Recessed



B) Trimless



C) Standard



Not dimmable:
- N — blue
- ⏚ — yellow-green
- L — brown

Dimmable 1-10V:
- N — blue
- ⏚ — yellow-green
- L — brown
- DIM 1-10v + — black
- DIM 1-10v - — grey

DALI / Touch dimmable:
- N — blue
- ⏚ — yellow-green
- L — brown
- Dali / Touch — black
- Dali /N — grey

⚠ Attention!!

Only to be installed by a qualified electrician
Always make sure power is completely switched off when working

A) Recessed
1. Disassemble mounting box
2. Drill a hole in the ceiling
3. Fasten strain relief
4. Assemble mounting box
5. Place strain relief / connect 230V
6. Insert mounting box in ceiling

B) Trimless
1. Disassemble mounting box
2. Drill a hole in the ceiling
3. Insert gyp kit into ceiling
4. Fasten gyp kit with screws
5. Insert mounting piece into ceiling
6. Fasten mounting piece / plaster
7. Fasten strain relief
8. Assemble mounting box
9. Place strain relief / connect 230V
10. Insert mounting box into ceiling

B) Standard
1. Disassemble mounting box
2. Fasten mounting piece with screws
3. Fasten strain relief
4. Asemble mounting box pieces
5. Place strain relief /connect 230V
6. Assemble mouting box