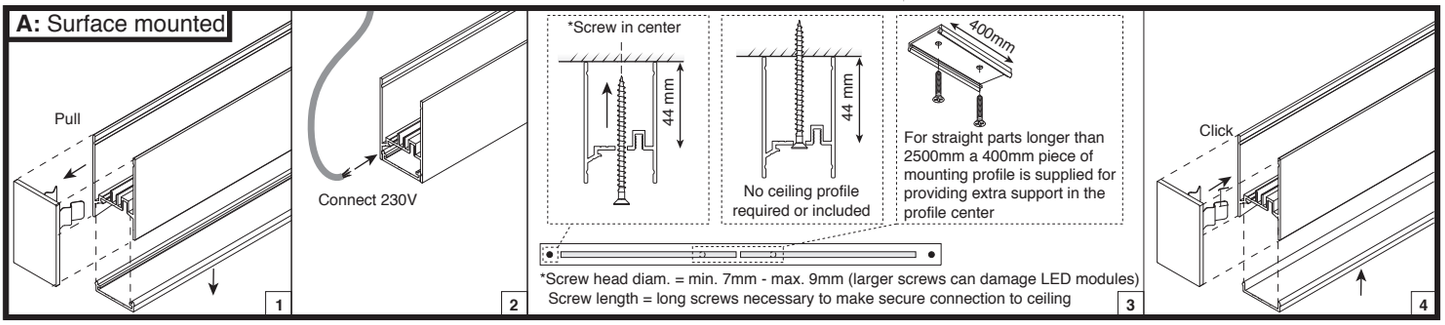
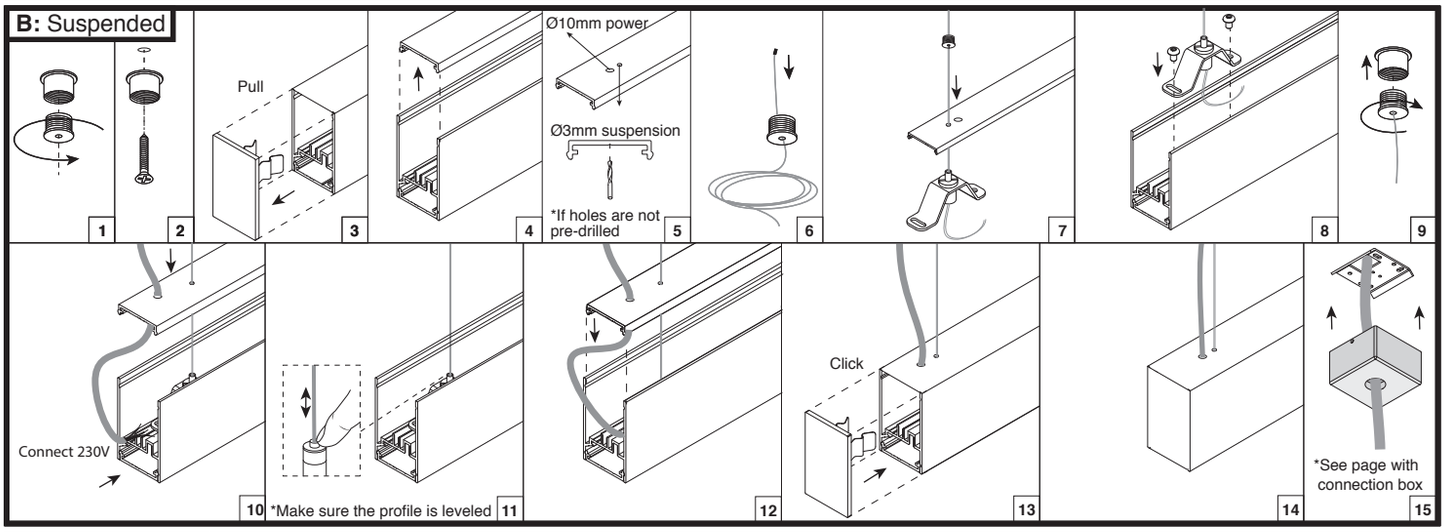
LEDLiner 35

DOXIS
LIGHTING FACTORY

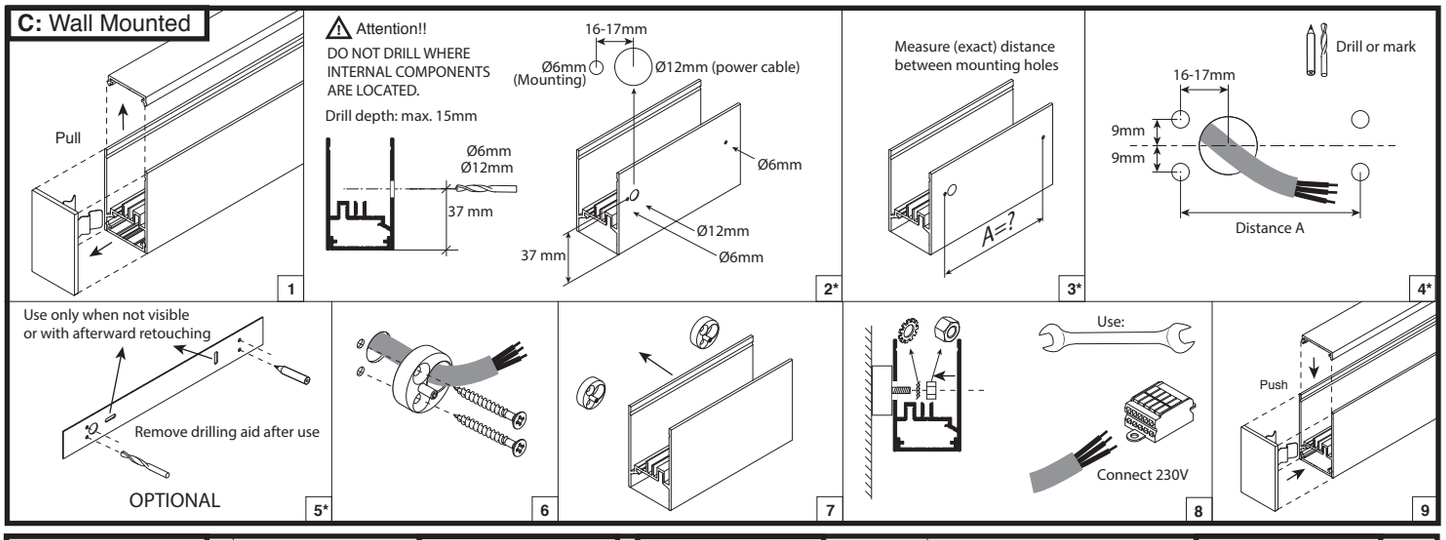
A: Surface mounted



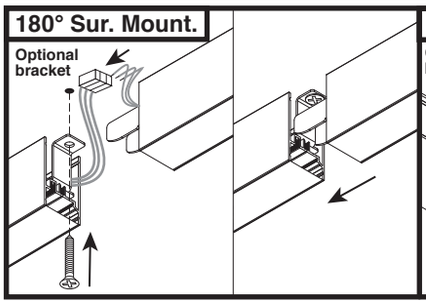
B: Suspended



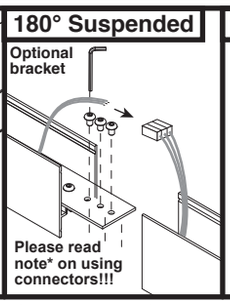
C: Wall Mounted



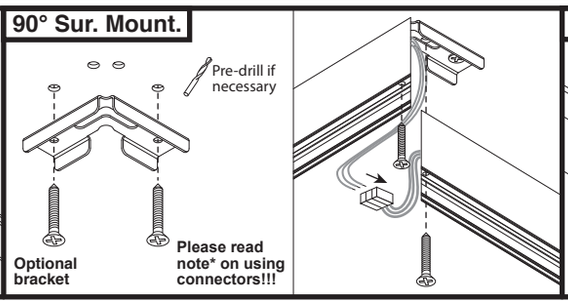
180° Sur. Mount.



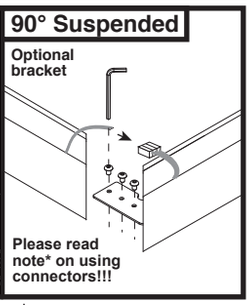
180° Suspended



90° Sur. Mount.



90° Suspended



A) Surface Mounted
1. Remove PC cover + end cap
2. Connect 230V
3. Fix profile to ceiling using screws
   Only use pre-drilled holes
   Respect screw dimensions
4. Place PC cover + end cap

90°/180° Connector Suspended
1. Remove top cover
2. Connect power
   Place pieces against each other
   Fix connector bracket using screws
3. Place top cover back

90° Connector Surface mounted
1. Predrill holes if necessary
   Use the correct fixing materials required
2. Fix bracket to ceiling using 2x outer screw hole
3. Place profile part A over bracket, fix with screw
4. Connect power
5. Fix profile part B with screw.
   Be careful not to damage wiring!!

180° Connector Surface mounted
1. Fix profile A with screw-hole bracket against ceiling using a screw
2. Connect power to profile B
3. Carefully slide profile B in profile A.

B) Suspended
1. Disassemble ceiling fixation
2. Fix ceiling fixation to ceiling using screws
3. Remove end cap on one side of the profile
4. Remove top cover for connecting power
5. Drill holes at prefered distance (if not pre-drilled)
6. Pull steel wire trough bottom part of ceiling fixation
7. Pull cable trough top cover and into wiregripper
8. Screw wiregripper on profile
9. Reassemble ceiling fixation
10. Connect 230V
11. Adjust height and cut off excess wire
12. Place top cover back
13. Place end cap back
14. Result
15. Place housing over bracket and reassemble
    See page with mounting brackets

C) Wall Mounted
1. Remove end cap and top cover

***When drilling aid is not supplied:**
2. Drill holes into profile if they are not pre-drilled
3. Measure holes (distance A and B)
4. Drill holes in wall + place plugs or mark screw locations
   Only use countersunk screws, max. screw diameter 5mm

***When drilling aid is supplied:**
5. Drill holes in wall + place plugs or mark screw locations using aid
   Only use countersunk screws, max. screw diameter 5mm
   Caliper can be fixed into the wall using the 2 positioning slots
   When using positioning slots make sure holes are not visible afterward or can be retouched before placing profile on brackets

Further steps:
6. Fix wall mounting braket to wall using screws
   Only use countersunk screws, max. screw diameter 5mm
7. Place profile on brackets by placing holes over threaded shaft
8. Fix profile to bracket with toothed lock washer and nut (use wrench)
9. Place cover and end cap back.

⚠ 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

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

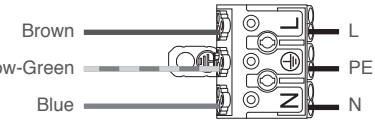
This document subject to change. Please visit www.doxis.be for the latest updates

Profile wiring & Light Leakage prevention

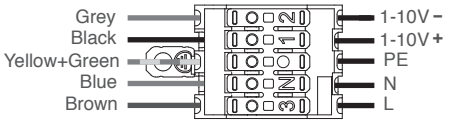
DOXIS
LIGHTING FACTORY

1.Single circuit

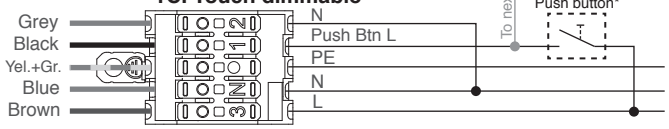
1A. Non dimmable



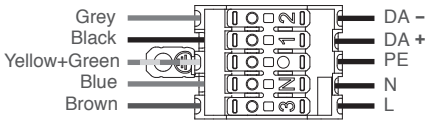
1B. 1-10V dimmable



1C. Touch dimmable

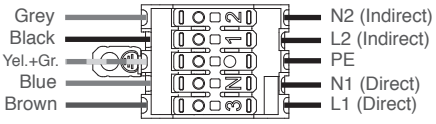


1D. DALI dimmable



2.Double circuit direct/indirect

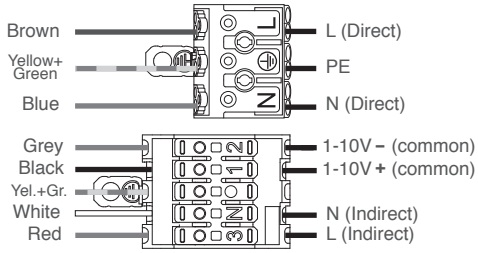
2A. Non dimmable



2B. 1-10V Dimmable SUSPENDED

STANDARD FOR SUSPENDED PROFILES ONLY

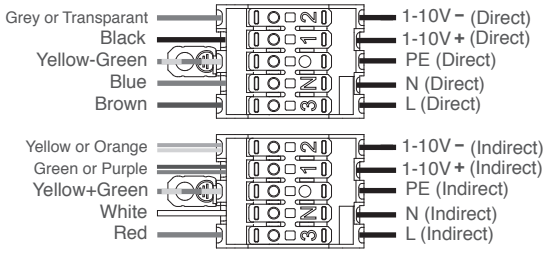
7-wire cable included only for ready-to-go profiles, otherwise optionally available
Direct/indirect independantly switchable
Direct/indirect dimming levels are equal (common 1-10V input)



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

STANDARD FOR SURFACE MOUNTED, TRIMLESS AND RECESSED PROFILES ONLY

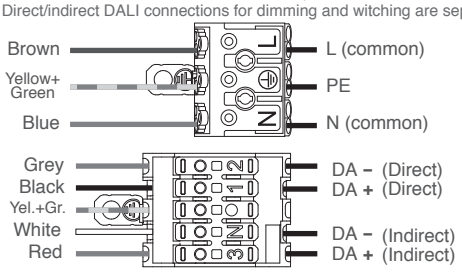
On request for suspend profiles with optional 9-wire transparant cable
Direct/indirect independantly switchable
Direct/indirect dimming levels can be controlled independantly



2D. DALI Dimmable SUSPENDED

STANDARD FOR SUSPENDED PROFILES ONLY

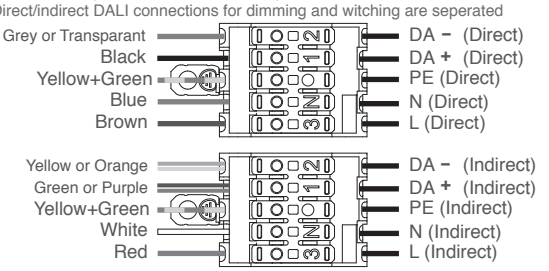
7-wire cable included only for ready-to-go profiles, otherwise optionally available
Direct/indirect uses a common continuous power connection
Direct/indirect DALI connections for dimming and witching are seperated



2E. DALI Dimmable SURFACE MOUNTED, TRIMLESS AND RECESSED

STANDARD FOR SURFACE MOUNTED, TRIMLESS AND RECESSED PROFILES ONLY

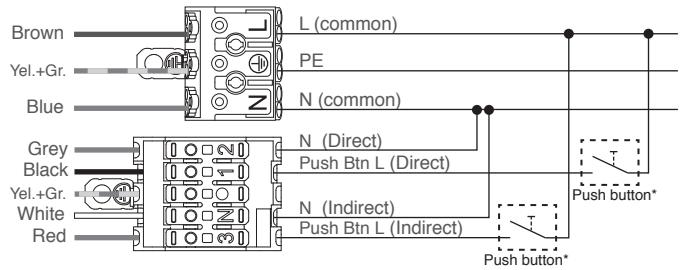
On request for suspend profiles with optional 9-wire transparant cable
Direct/indirect power connections are seperated
Direct/indirect DALI connections for dimming and witching are seperated



2F. Touch Dimmable SUSPENDED

SUSPENDED PROFILES

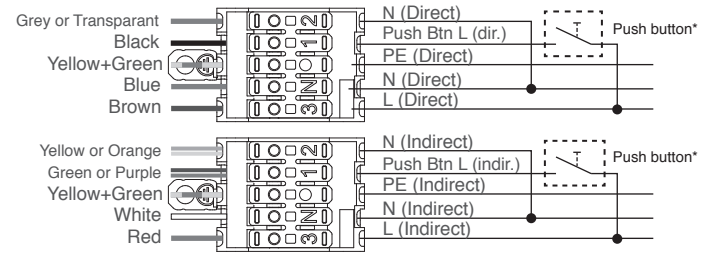
7-wire cable included only for ready-to-go profiles, otherwise optionally available
Direct/indirect uses a common continuous power connection
Direct/indirect independantly switchable and dimmable



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



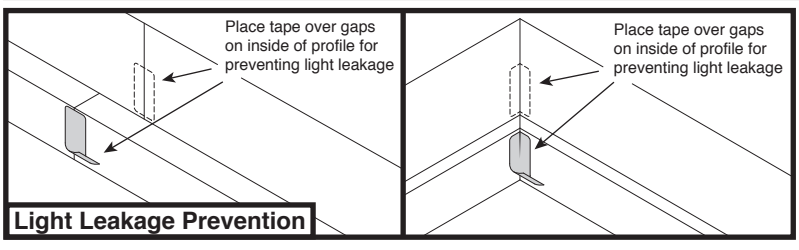
Touch information:

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.

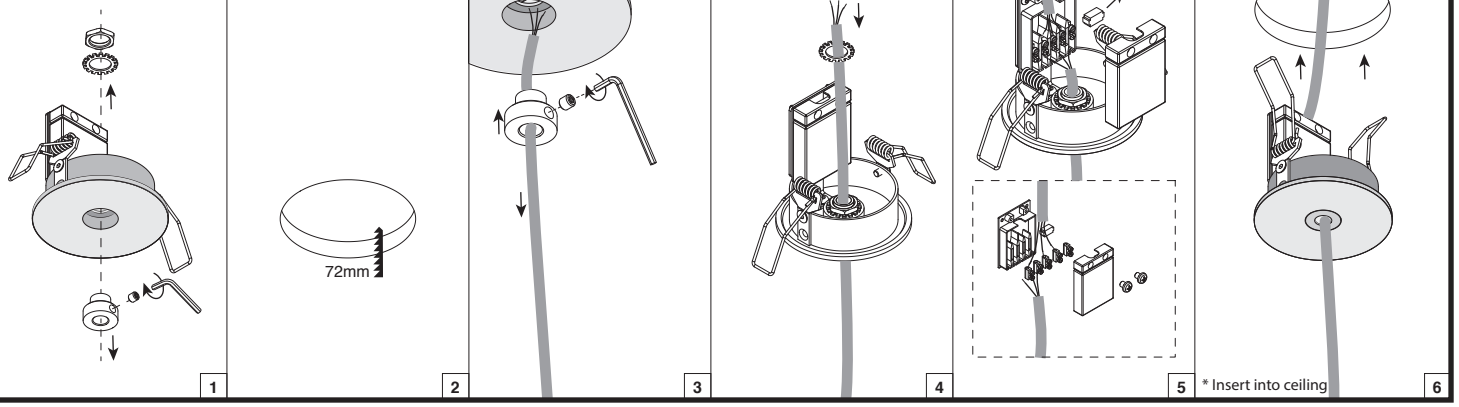
Always make sure suspension cables are placed perpindicular to both the ceiling and the profile itself.

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.

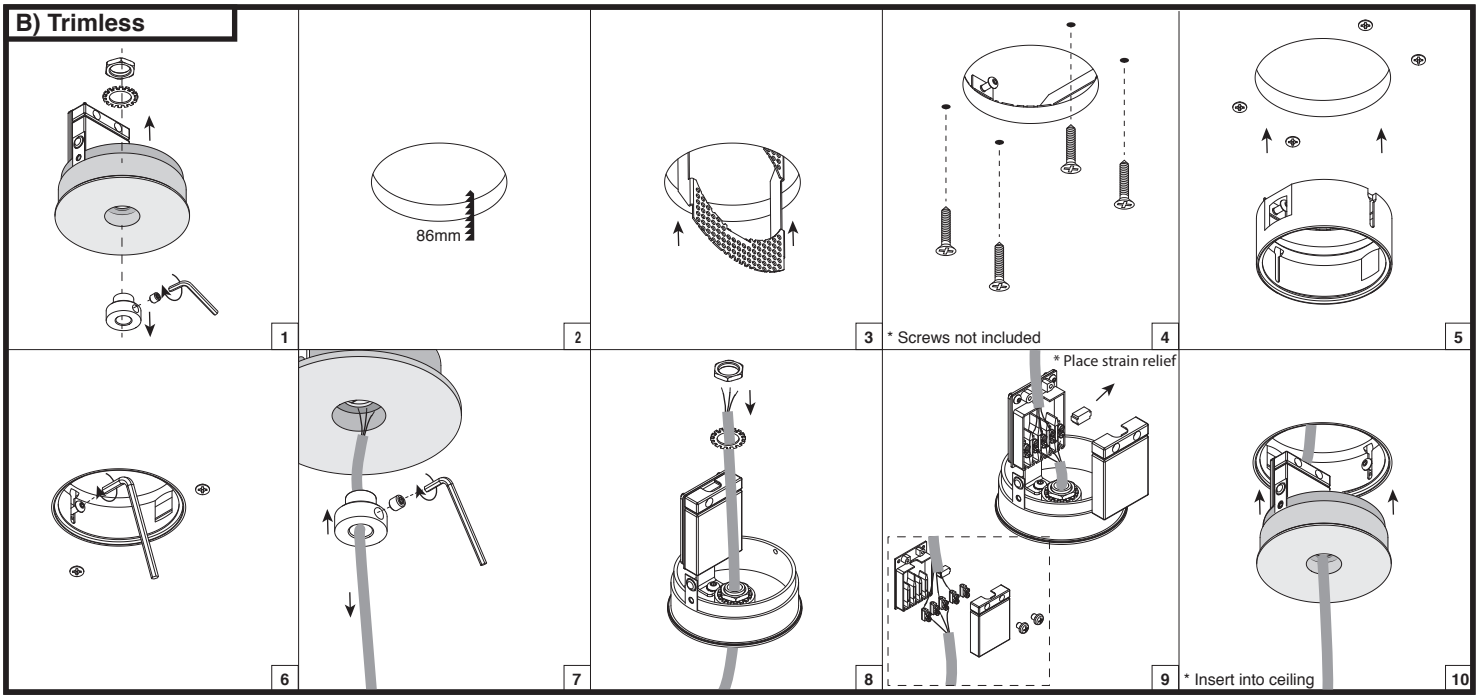
Ceiling connecting boxes

DOXIS
LIGHTING FACTORY

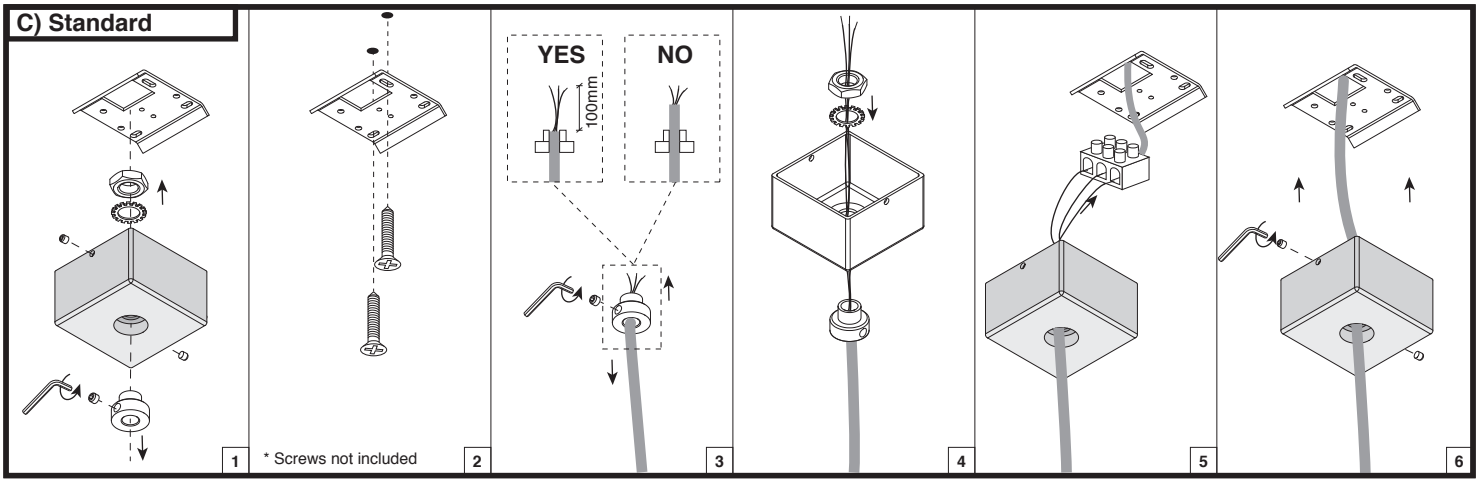
A) Recessed



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