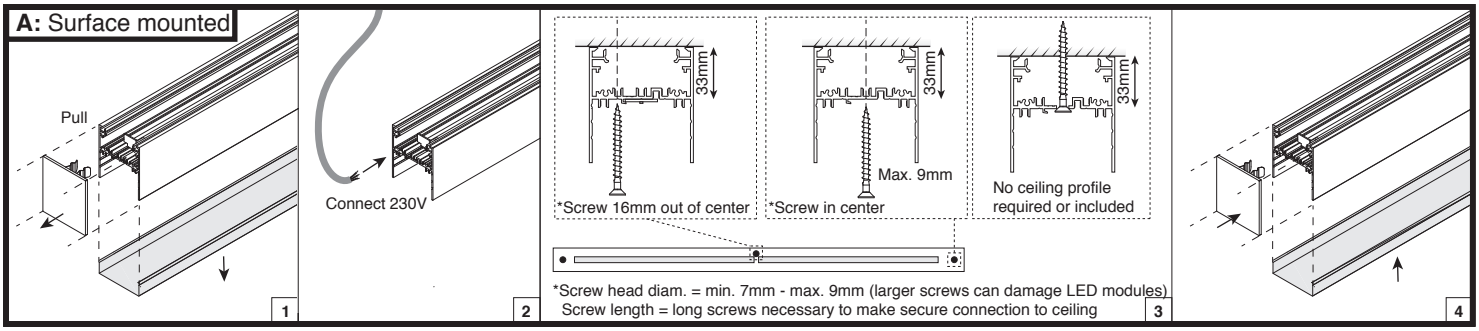
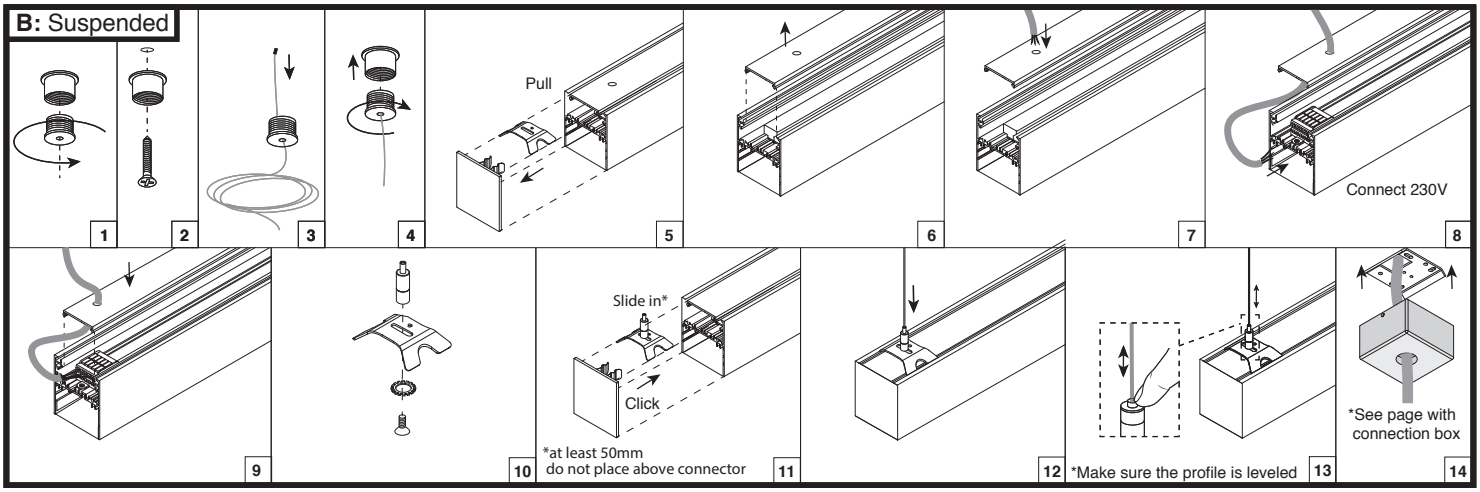
LEDLiner 65

DOXIS
LIGHTING FACTORY

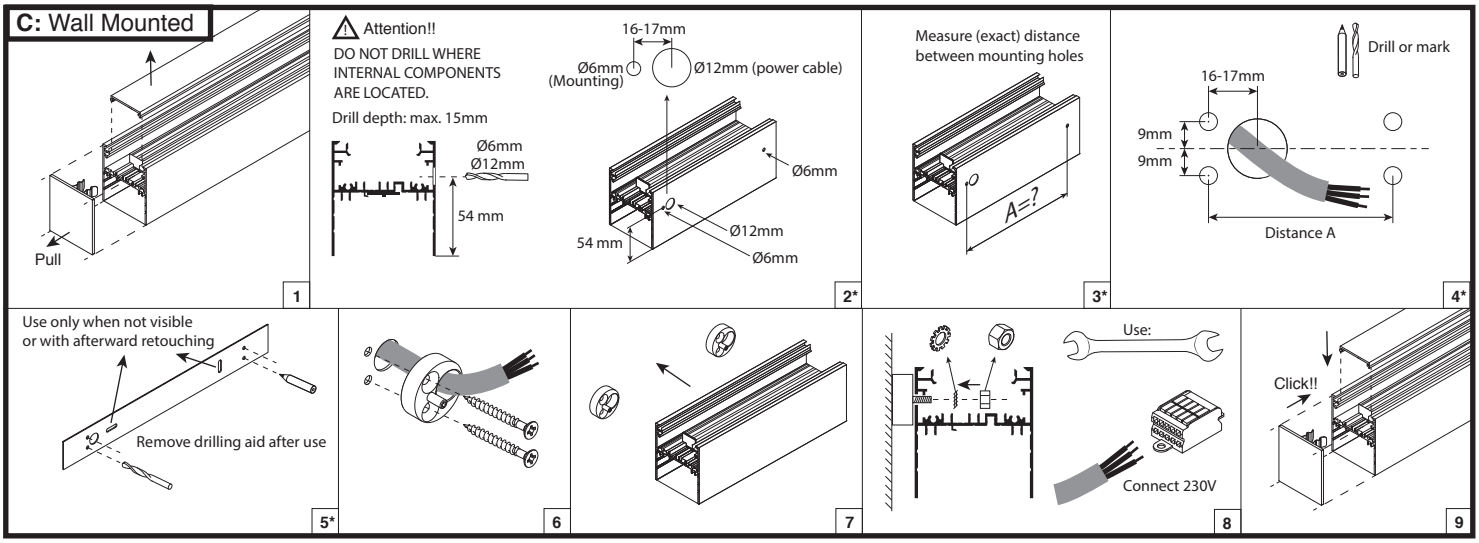
A: Surface mounted



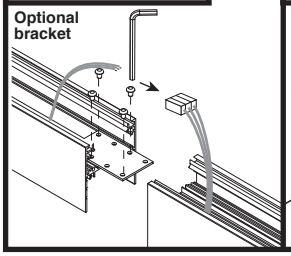
B: Suspended



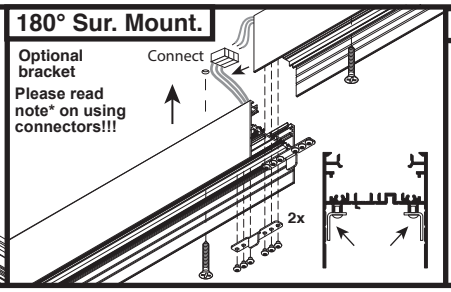
C: Wall Mounted



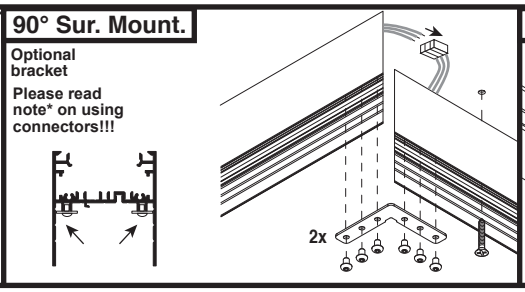
180° Suspended



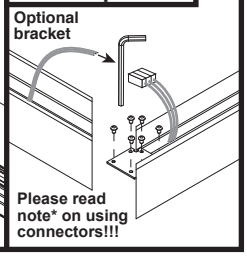
180° Sur. Mount.



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. Place pieces against eachother
   Fix connector bracket using screws
   Connect power
3. Place top cover back

90°/180° Connector Surface mounted
1. Remove covers
2. Connect power
3. Mount pieces against each other
4. Place connectors
5. Fix connectors (2x) using screws
6. Place covers back

*NOTE ON USING CONNECTORS!
ATTENTION When using 90°/180° connectors
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) Suspended
1. Disassemble ceiling fixation
2. Fix ceiling fixation to ceiling using screws
3. Pull steel wire trough bottom part of ceiling fixation
4. Reassemble ceiling fixation
5. Remove end cap
6. Remove top cover + inner profile
7. Pull cable trough top cover
8. Connect power cable
9. Place cover + inner profile back
10. Fix wiregripper onto suspension bracket
11. Place end cap back / Slide suspension brackets into profile
    Move bracket to desired location (>50mm from edge)
    Fix bracket with set screw
    (Bracket cannot be placed above connectors)
12. Put wire into wire locks
13. Adjust height and cut of excess wire
14. Place housing over bracket ad 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

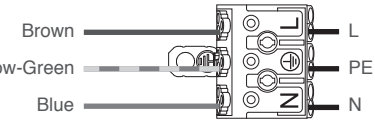
This document subject to change. Please visit www.doxis.be for the latest updates

Profile wiring & Light Leakage prevention

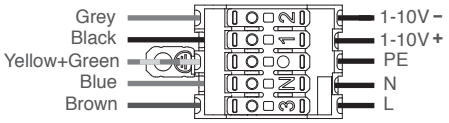
DOXIS
LIGHTING FACTORY

1.Single circuit

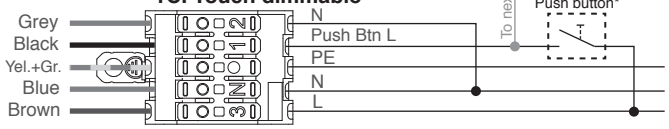
1A. Non dimmable



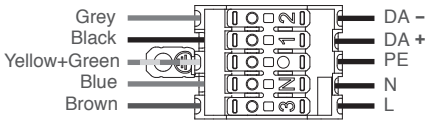
1B. 1-10V dimmable



1C. Touch dimmable

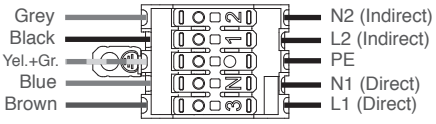


1D. DALI dimmable



2.Double circuit direct/indirect

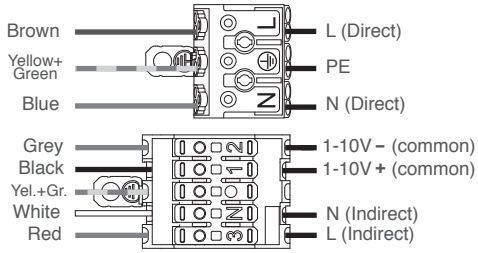
2A. Non dimmable



2B. 1-10V Dimmable SUSPENDED

STANDARD FOR SUSPENDED PROFILES ONLY

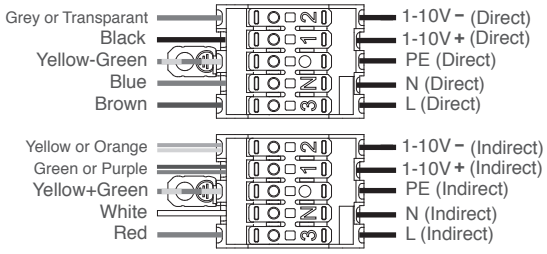
7-wire cable included only for ready-to-go profiles, otherwise optionally available
Direct/indirect independantly switchable
Direct/indirect dimming levels are equal (common 1-10V input)



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

STANDARD FOR SURFACE MOUNTED, TRIMLESS AND RECESSED PROFILES ONLY

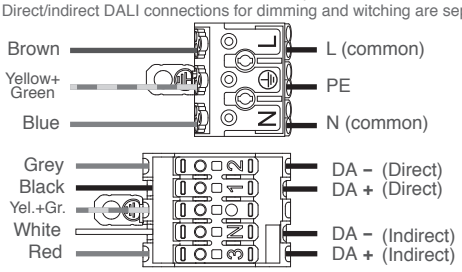
On request for suspend profiles with optional 9-wire transparant cable
Direct/indirect independantly switchable
Direct/indirect dimming levels can be controlled independantly



2D. DALI Dimmable SUSPENDED

STANDARD FOR SUSPENDED PROFILES ONLY

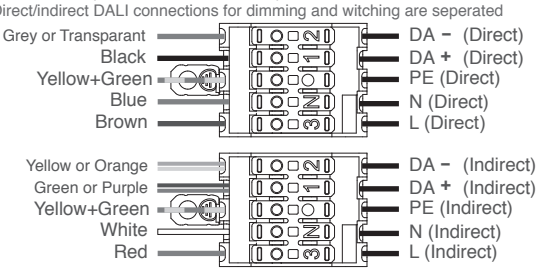
7-wire cable included only for ready-to-go profiles, otherwise optionally available
Direct/indirect uses a common continuous power connection
Direct/indirect DALI connections for dimming and witching are seperated



2E. DALI Dimmable SURFACE MOUNTED, TRIMLESS AND RECESSED

STANDARD FOR SURFACE MOUNTED, TRIMLESS AND RECESSED PROFILES ONLY

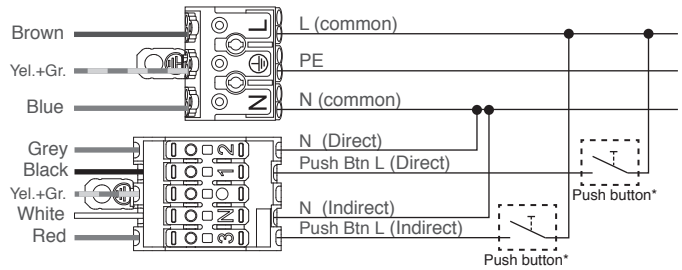
On request for suspend profiles with optional 9-wire transparant cable
Direct/indirect power connections are seperated
Direct/indirect DALI connections for dimming and witching are seperated



2F. Touch Dimmable SUSPENDED

SUSPENDED PROFILES

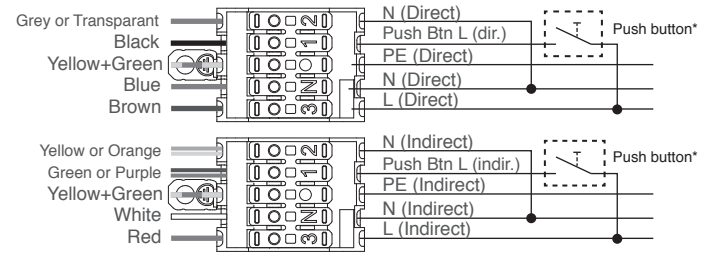
7-wire cable included only for ready-to-go profiles, otherwise optionally available
Direct/indirect uses a common continuous power connection
Direct/indirect independantly switchable and dimmable



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



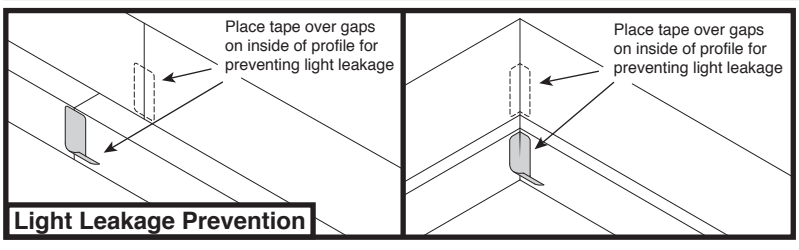
Touch information:

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.

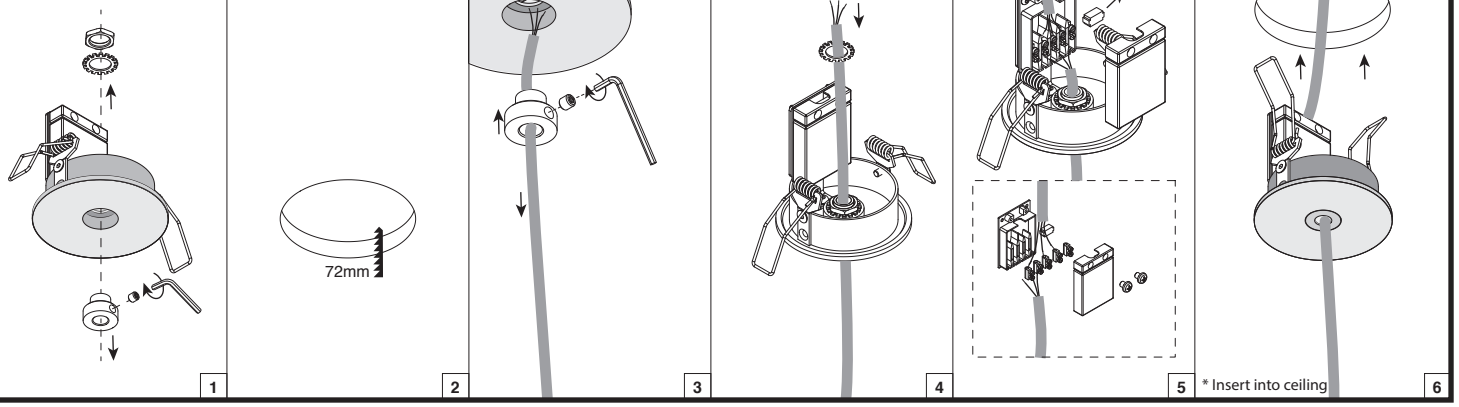
Always make sure suspension cables are placed perpindicular to both the ceiling and the profile itself.

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.

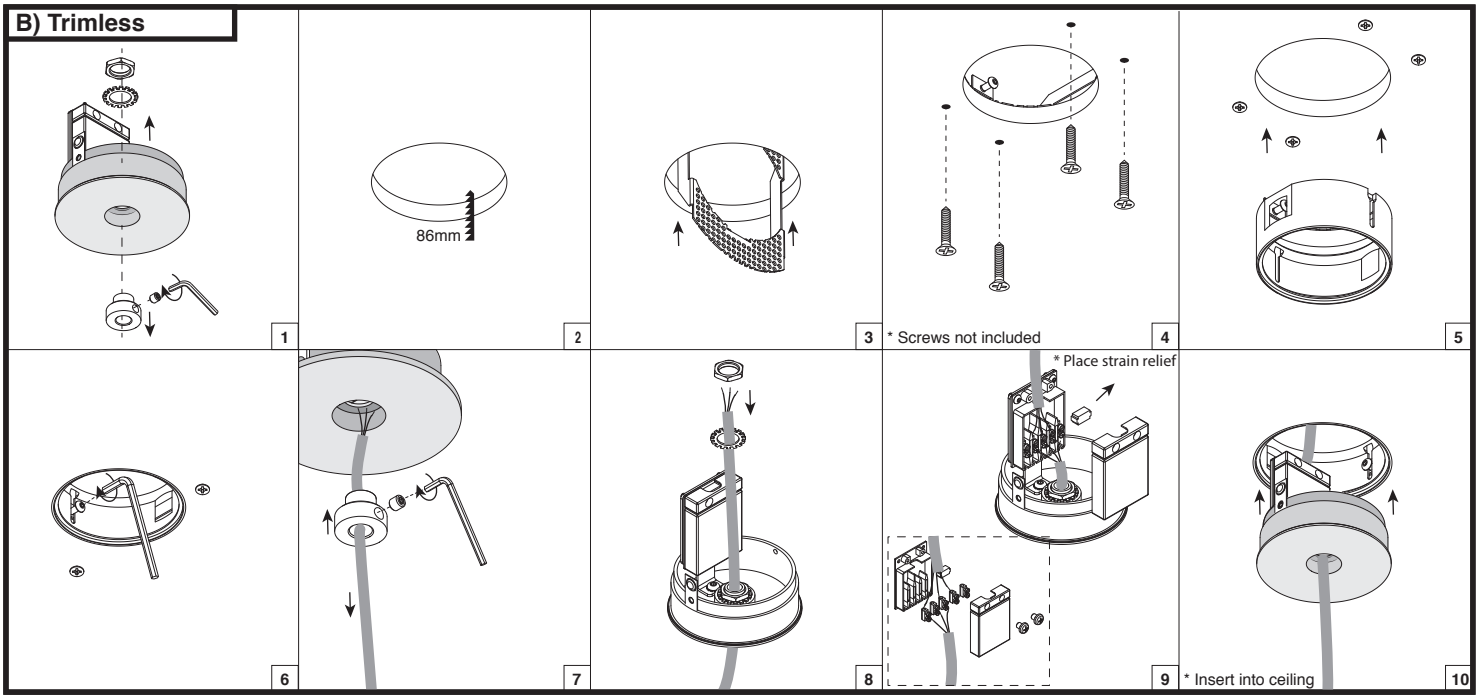
Ceiling connecting boxes

DOXIS
LIGHTING FACTORY

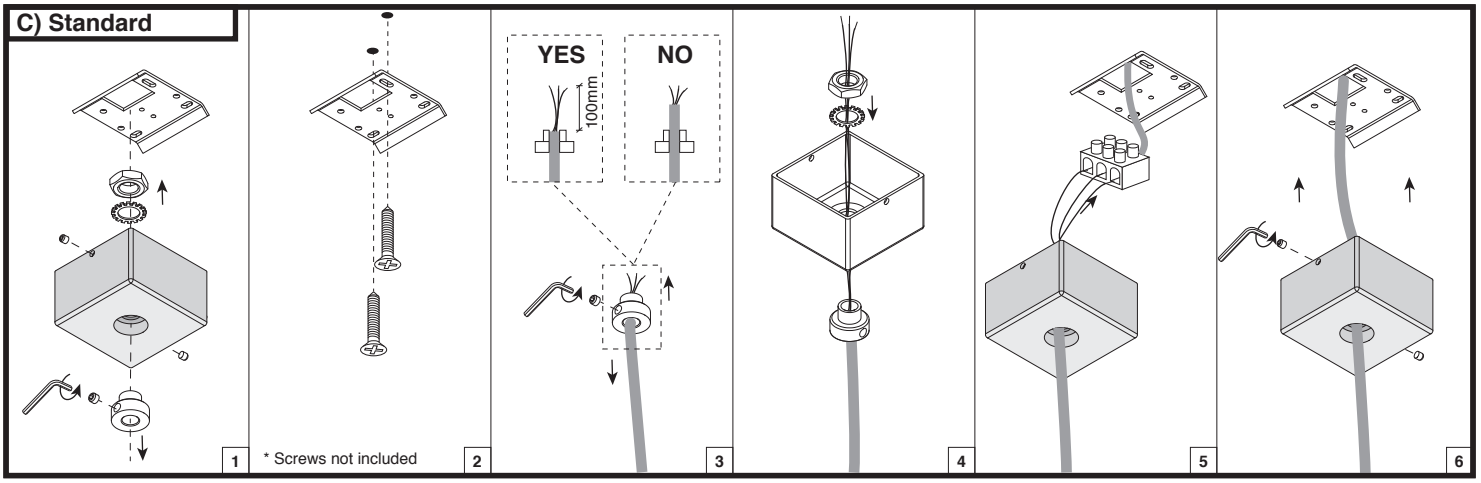
A) Recessed



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