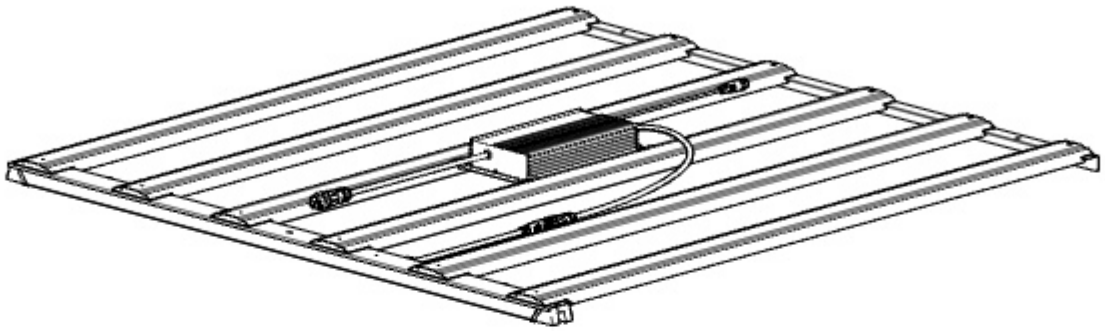
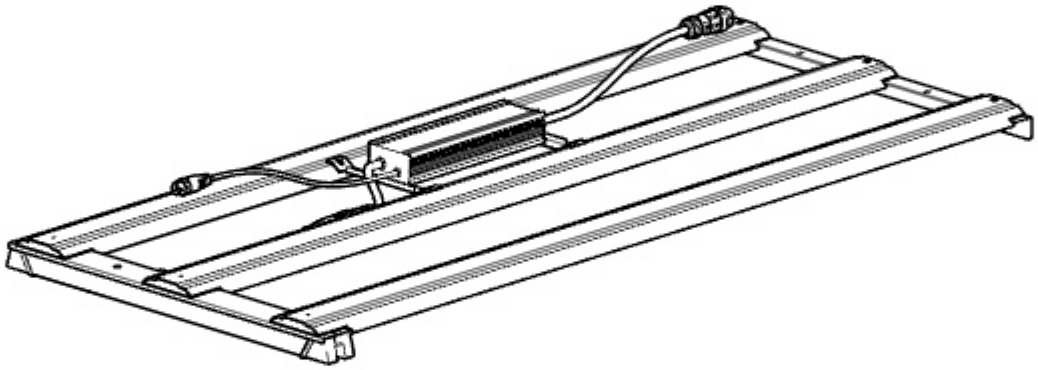
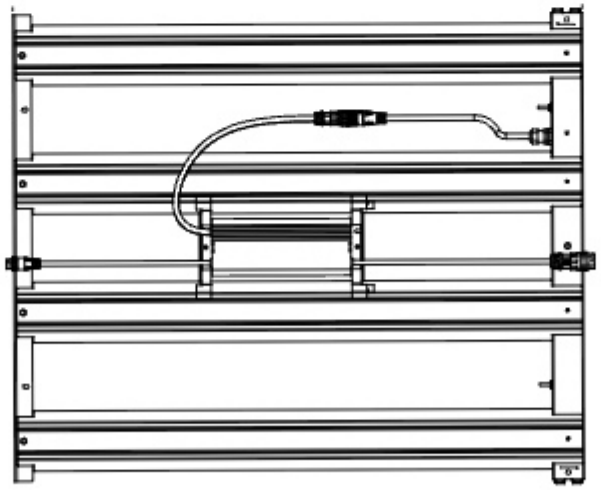
VALOYA

RF-Series







INSTALLATION GUIDE | RF-Series

⚠ Warnings

ENGLISH

CAUTION!

Inappropriate installation may cause injury to persons and damage to the lamp.

ESPAÑOL

PELIGRO!

Una instalación inadecuada puede provocar lesiones o daŞar la lámpara.

SUOMI

HUOMIO!

Valaisimen huolimaton asennus voi johtaa henkilön loukkaantumiseen ja valaisimen vioittumiseen.

DEUTSCH

VORSICHT!

Unsachgemäße Installation kann zu Personen- und Sachschäden führen.

VLAAMS

LET OP!

Verkeerde aansluiting kan schade veroorzaken aan de lamp of leiden tot lichamelijk letsel aan personen.

РУССКИЙ

ОСТОРОЖНО!

Ненадлежащий монтаж может привести к серьезным травмам и повреждению лампы.

NEDERLANDS

LET OP!

Onjuiste installatie kan schade aan personen of de lamp veroorzaken.

FRANÇAIS

ATTENTION!

Une mauvaise installation peut Ŕtre source de blessures corporelles et endommager les lampes.

ITALIANO

ATTENZIONE!

L'installazione non corretta puŢ causare lesioni alle persone e danni alla lampada.

PORTUGUÊS

ATENÇÛO!

A instalaçØo inapropriada pode causar danos na luminária e ferimentos nas pessoas.

SVENSKA

AKTA!

Felaktig installation kan leda till skador pŖ personer och lampan.

BEFORE YOU BEGIN

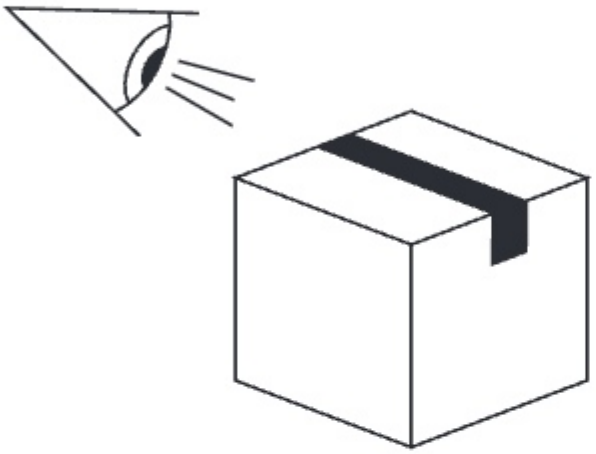
1. Please read this manual thoroughly before use, and retain it for future reference.
2. Due to our continuous program of product development, data is subject to change without notice.
3. Unauthorized product tampering invalidates warranty & is a safety risk.
4. All electrical work must be carried out by qualified persons.
5. Always follow appropriate electrical codes. Connection devices with appropriate ratings and voltage must be used.
6. Disconnect mains power before product installation, connection, or disconnection.
7. Products are fixed luminaires for indoor use (i.e. Install out of reach / Only movable using tools).
8. LED-modules are non-replaceable light sources.
9. Do not use luminaires without LED Drivers (power units) connected (BX-, C-Series).
10. Connect LED drivers to electrical branch circuits (ensure suitable strain relief is fitted).
11. Products with an earth connection must be earthed for safety.
12. Installation of additional electrical circuit protection devices is strongly advised:
    - Type C MCB's (Miniature Circuit Breakers).
    - RCD (Residual Current Device).
    - ICL (Inrush Current Limiter).
    - SPD (Surge Protection Device).
13. Do not high voltage test.
14. Install LED drivers against a flat surface to ensure optimal heat dissipation and lifetime (BX-, C-Series).
15. Do not connect products installed on different mains phases to the same dimming device (dimmable products only).
16. Observe published product temperature specifications and limits.
17. Product surface temperature may become hot to the touch during use.
18. Do not stare directly at any bright light source.
19. As a precaution, use suitable eye protection if working for long periods under high intensity lighting.
20. Dispose of all waste in accordance with local regulations.
21. The external flexible cable of the luminaire is only replaceable by Valoya.
22. For luminaries supplied with open-end supply cables:
    a. Cables should not be concealed or extended through parts of the building structure.
    b. Cables should not be located above a suspended/dropped ceiling, or permanently fixed to the building structure.
    c. Cables must be visible over their full length, not strained, and protected from physical damage.
    d. Cables must be used within their electrical ratings at the maximum temperature of the installed environment.

IMPORTANT

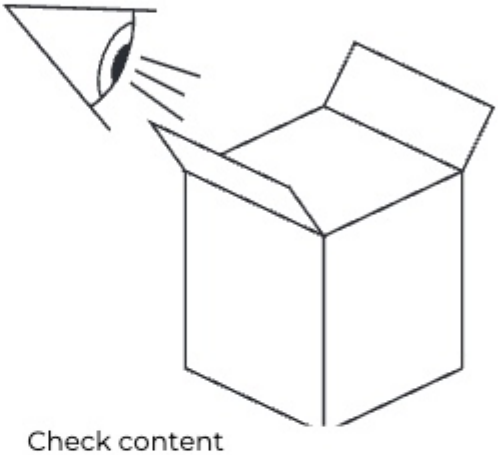
Installation must be carried out by qualified persons, and according to the electrical safety rules & regulations applicable in your country!

DELIVERY CHECK

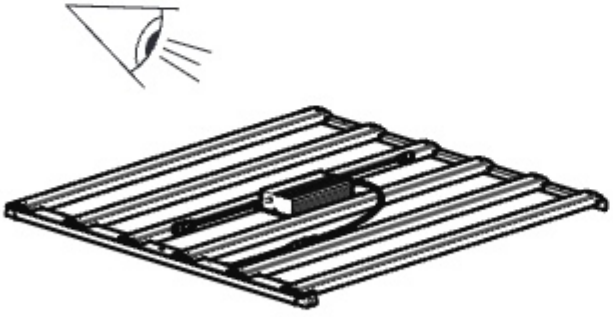
- Please inspect the goods upon receipt to ensure that your delivery is complete.'
- If you detect any damage to the packaging, please notify the carrier immediately and ask them to note that "the delivery was not delivered in good condition".
- If the packaging shows no damage but the goods inside are either missing, defective, or show other signs of damage, please contact us.
- In all cases please take pictures as evidence and contact us as soon as possible by phone or e-mail.



Check package



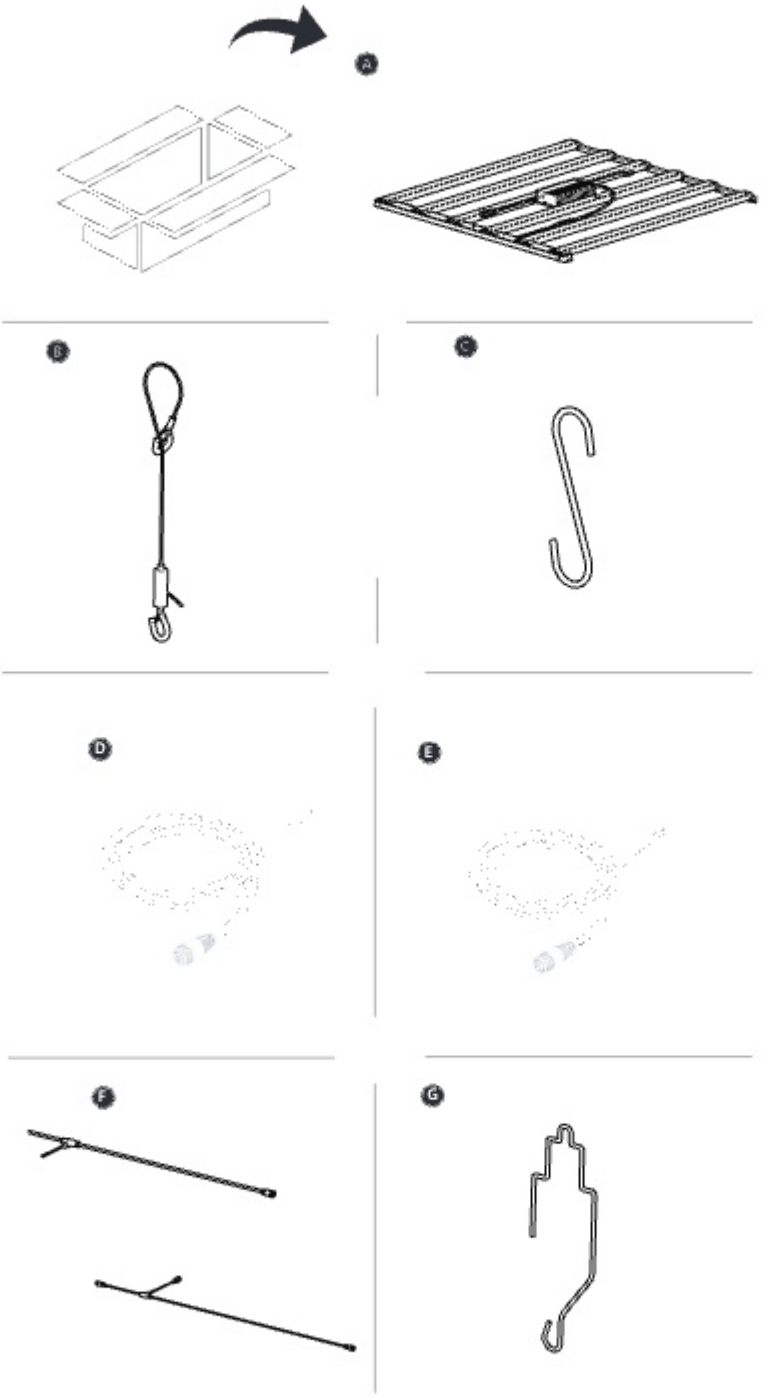
Check content



Check operation

If problems, contact us

PART IDENTIFICATION



- A Luminaire
- B Standard hangers (x4)
- C Optional hangers (x4) - ordered separately with product code RFFIX-SH01
- D AC connector
- E DIM connector
- F T cable set - 1,5 m / 5 ft
- G Driver hanger

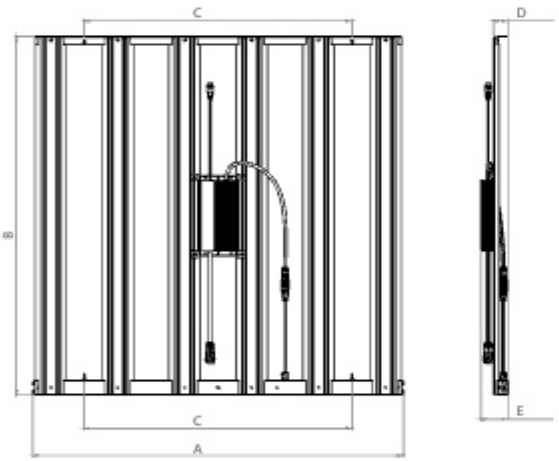
PRODUCT DIMENSIONS

		RF (6 BAR)	RF (4 BAR)	RF (3 BAR)
A	Luminaire length (mm/in)	1125 mm / 44.3 in	750 mm / 29.5 in	515 mm / 20.3 in
B	Width (mm/in)	1190 mm / 46.9 in	900 mm / 35.4 in	1190 mm / 46.9 in
C	Fixing hole distance (mm/in)	813 mm / 32 in	-	203 mm / 8 in
D	Height w/o Hangers (mm/in)	45 mm / 1.8 in	43 mm / 1,7 in	45 mm / 1.8 in
E	Height total (mm/in)	83 mm / 3.3 in	76 mm / 3,0 in	74 mm / 2.9 in

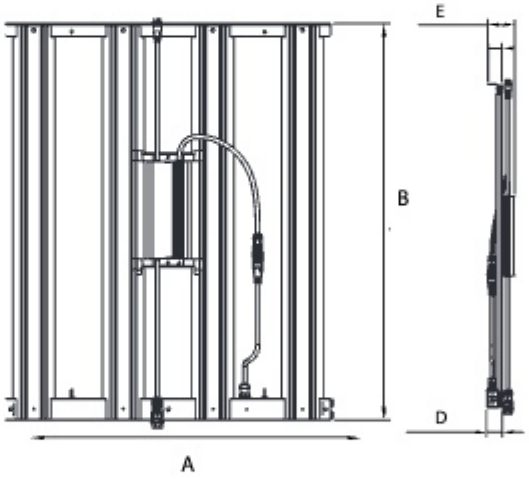
	Chain length (mm/in)	A	B
WIRE HANGER (x4)	1000 mm / 39.4 in		
S-HOOK		108 mm / 4.25 in	3.5 mm / 0.14in

Note! Product is meterically constructed, inch dimesnsions are approximations and for references only.

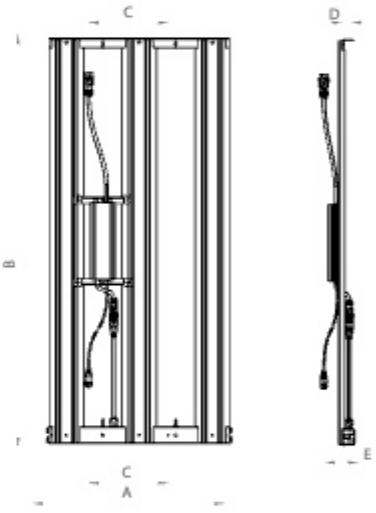
RF (6 BAR)



RF (4 BAR)



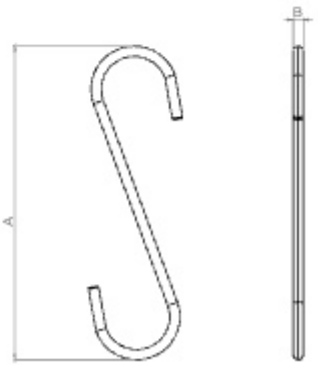
RF (3 BAR)



Standard hangers

Optional hangers

LED Driver



Fixture

Risk Group 1

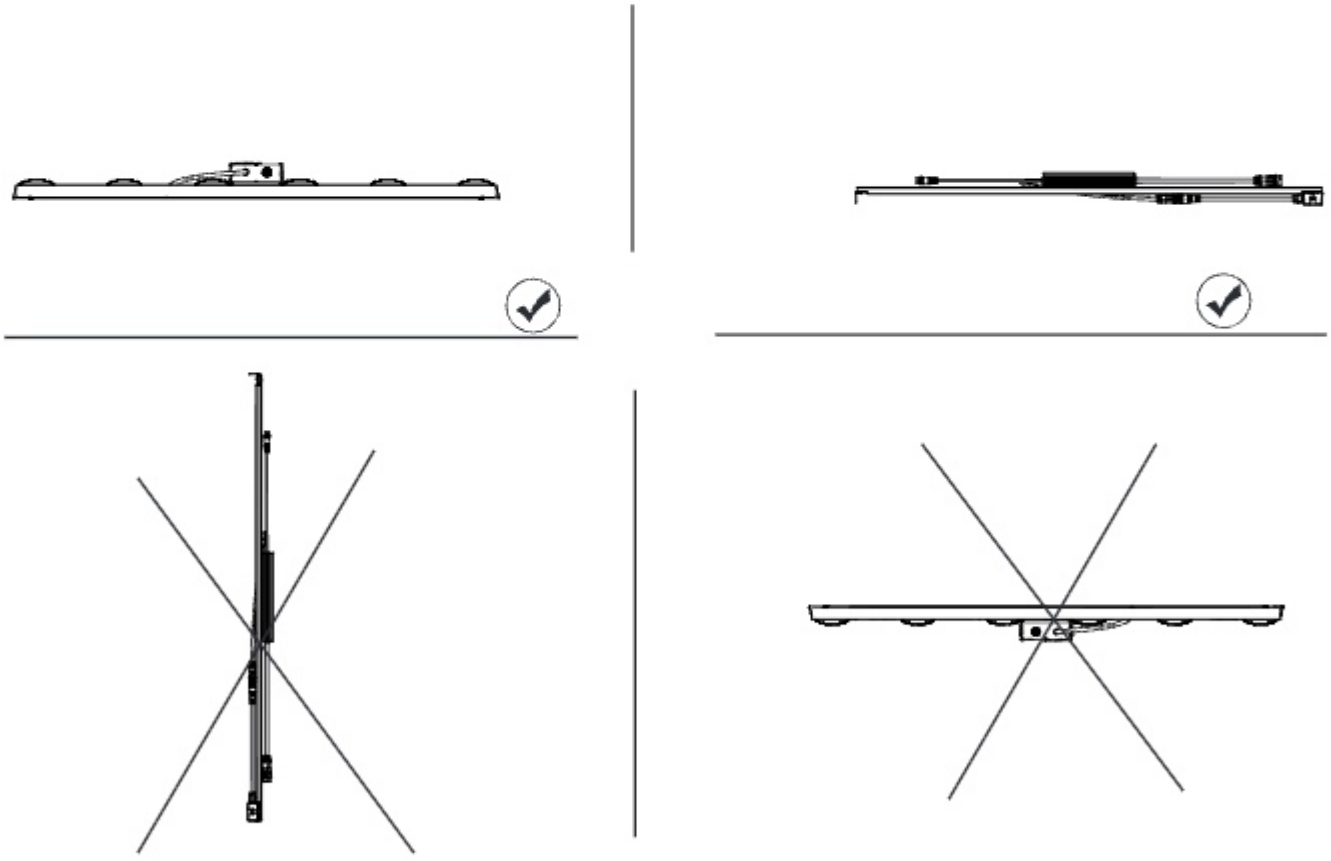
NOTICE

UV emitted from this produt. Minimize exposure to eyes or skin. Use appropriate shielding.

These photobiological safety markings are based on testing of the light output characteristics of a single horticultural luminaire. Increased exposure risk of facility personnel may be present depending upon the number of horticultural luminaires and their placement and/or positioning within the plant growth facility.

It is the responsibility of the plant growth facility to address these risks at the facility level and to ensure that people entering the plant growth areas while the lights are on, are aware of these risks and that appropriate safeguards are in place.

LUMINAIRE ORIENTATION

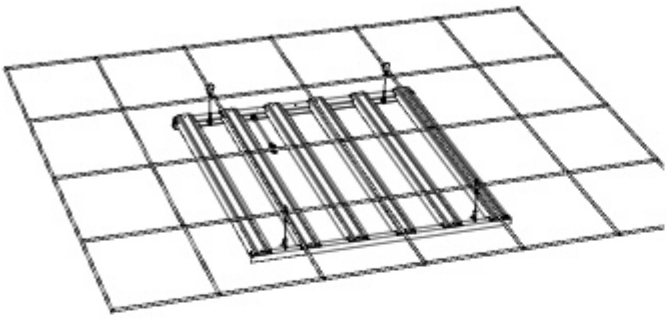


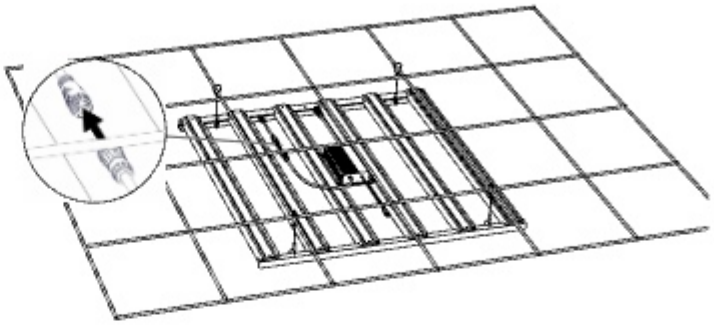
No other orientation is permitted!

Notes:

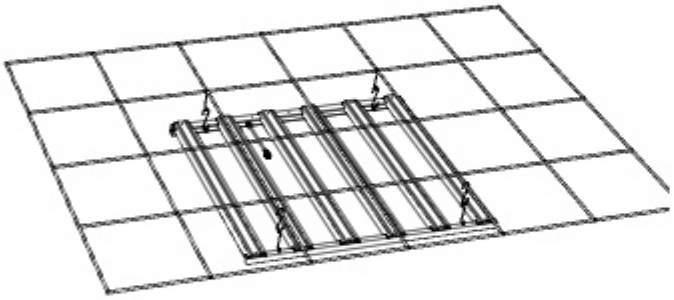
- No other orientation permitted
- Not for intracanopy use.
- Ensure the maximum specified operational ambient temperature around a luminaire is not exceeded by utilizing appropriate electrical or mechanical ventilation or cooling systems on the installation as necessary.
- IP rating valid in horizontal mounting position.

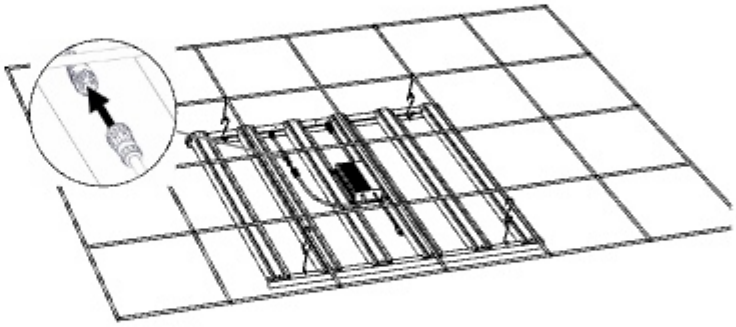
METHOD A (STANDARD HANGER)



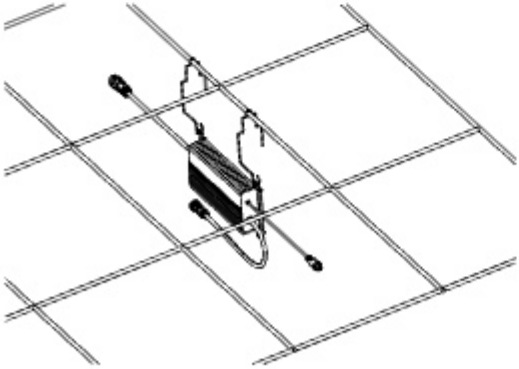


METHOD B (OPTIONAL HANGER)





Optional

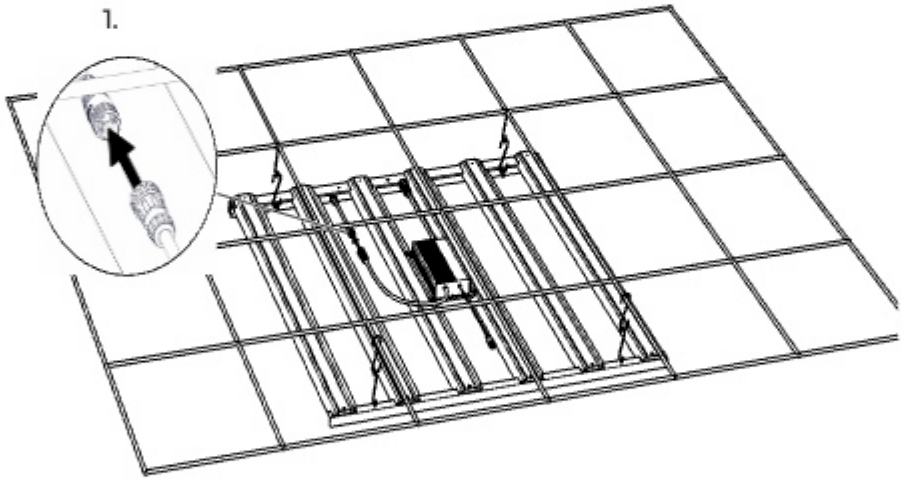


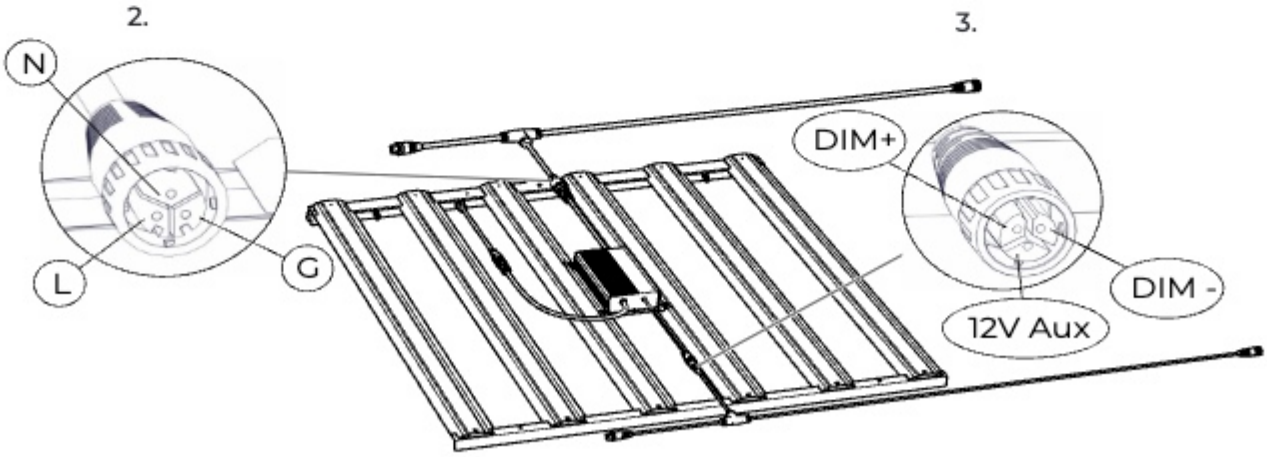
Warning!

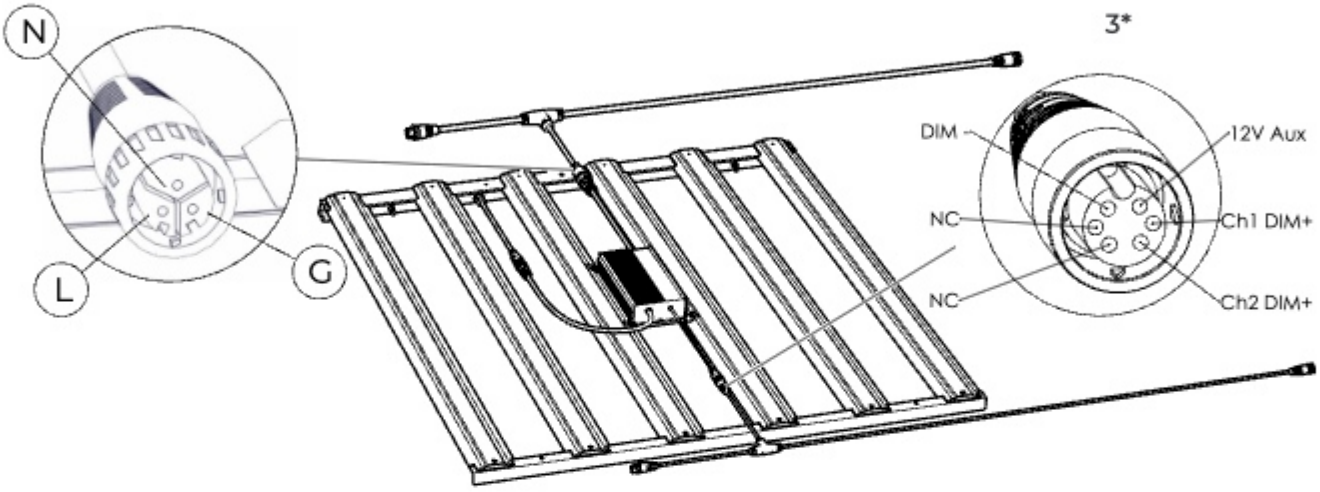
LUMINAIRE CONNECTION

No other devices should be connected to the LED luminaire circuitry, e.g. HPS lights should not be connected together with LED lights to the same circuit.

Pin	Description
N	Neutral
L	Line
G	Ground/Earth
DIM+	Dimming+
DIM-	Dimming-
12V Aux	Auxiliar 12V output
NC	Not connected

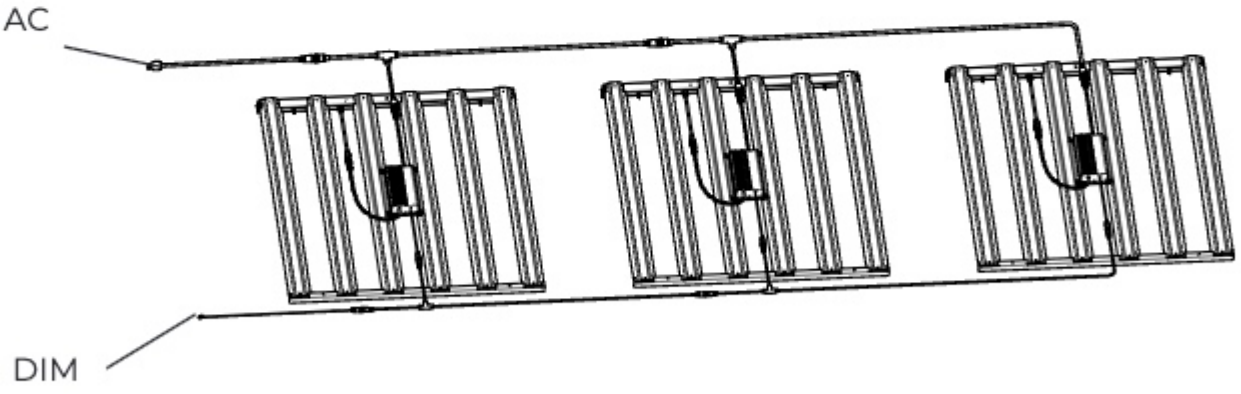






3 Following connection is needed for RF-Series multi-channel versions.*

Daisy chain



The connection applies to all the models in this product family.

CLEANING

Switch the supply OFF

Allow to cool

Do not use detergent

Clean with a soft brush

Wipe with soft clothes

Suitable for spray cleaning with water

*Isopropyl alcohol (IPA) can be used for the cleaning of LEDs. If other cleansing solutions to be used, their appropriateness must be tested beforehand. Cleansing solutions with CFCs (chlorofluoro-carbons) should not be used.
NOTE: Power supply must be switched off and luminaire must be in an unpowered state when spray or wet cleaning is used.

BASIC FAULT FINDING

Lighting faults can be due to a rare product defect, connection error, or other external issue. Faults are unlikely to affect both luminaire and the LED driver (power unit) together. If possible, please check if the issue is luminaire or LED driver related. This will speed problem resolution and minimize unnecessary shipping costs.

- Switch off the mains supply.
- Disconnect the luminaire from its LED driver.
- Connect the luminaire to an unpowered, working LED driver (if available).
- Connect the mains supply to the working LED driver.
- If the problem remains, then the luminaire may be damaged.
- If the luminaire now works, then the original LED driver, or mains supply to it may be at fault.
- Note details of the problem (product type, quantity, problem description...) and contact Valoya for further assistance.

If a problem reoccurs or affects many products at the same time, please contact Valoya (www.valoya.com/support) for further advice and assistance.

Warranty,Claims & Contact

WARRANTY

Products are covered by a limited warranty. Warranty starts from date of installation, but latest 3 months from the delivery date.

The warranty offered is "Return-to-Base", meaning suspected faulty items shall be returned to Valoya for fault and warranty validation before any repair or replacement can be agreed.

Valoya warrants that each Product will be free from defects in material and workmanship for the duration of the warranty period as long as the products are installed and used in accordance with our published specifications and recommendations.

Warranty shall be void in the event any repairs or alterations not duly authorized by Valoya in writing are made to the Product by any person.

CLAIMS

Before returning a suspected faulty item, please contact Valoya (www.valoya.com/support) to give details of the issue and obtain a Return Material Authorization (RMA) reference number. Please be prepared to provide the following information about the issue:

- Product model information (e.g. B200 NS1).
- Product serial number plus YF or XF code.
- Quantity showing problems.
- Detailed problem description.
- Photograph or video showing the issue (if possible).
- Installation / invoice date (if known).

After receiving an RMA number, Products should be suitably packed and the package or shipping paperwork clearly marked with the RMA number. Returns received without an RMA reference number may be rejected.

Valoya will inspect the returned items to validate fault and warranty validity. If Valoya determines to its satisfaction that warranty is valid, Valoya will repair or replace the Product with one of similar age. Where a warranty claim is justified, Valoya will pay for the return freight expenses for repaired or replaced items. Valoya reserve the right to invoice for returning Products that are not found to be defective, or do not comply with the terms of this warranty, together with associated freight, testing and handling costs.

* Above is a summary of our warranty and claim policy. For full details please see: www.valoya.com/warranty. For additional information please check: www.valoya.com/brochures/.

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