

FL19 FLOOD LIGHT

INSTALLATION INSTRUCTIONS

Cautions:

1. Do not use an electric generator to test LED fixtures.
2. Please abide by related regional and local law and regulations during installation of this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper grounding is required to ensure safety.

Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

Attention:

Please check if there is any damage during shipping. If so, please contact manufacturer immediately.
Please read the installation instruction carefully to check whether all the accessories are complete.
After confirmation, then install the fixture according to installation steps.

1.1 Installed with 1/2 Knuckle Mount (suitable for 15W-80W)(b=AM)

Step 1: Take the fixture out of package;

Step 2: Match the hole of rubber mat with bracket, pass wire through and secure it with screws
(Watch out not to scratch the wire) (figure 1.1)

Step 3: Pass the wire through from the other bracket and secure it with screws.
(Watch out not to scratch the wire) (figure 1.2)

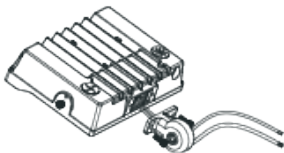


figure 1.1

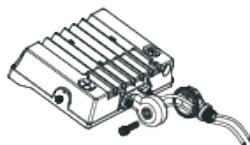
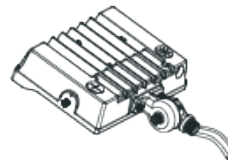


figure 1.2



1.2 Installed with whole fixture (suitable for 15W-80W)

Step 1: Take the fixture out of package;

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire), (figure 1.3) and then put wire into lamp pole; (figure 1.4)

Step 3: Loosen screws; Adjust fixture angles as per actual demands and tighten screws later; Angles of the fixture are adjustable(pass the bracket through mounting surface, secure it with screws, then connect the wires as per proper wiring requirements). (figure 1.5)

Lights and lanterns

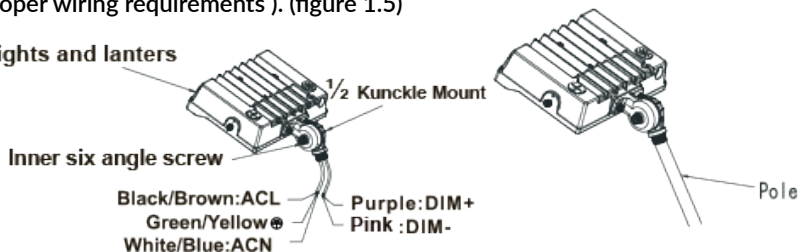


figure 1.3

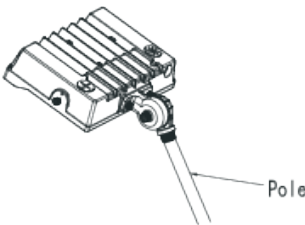


figure 1.4

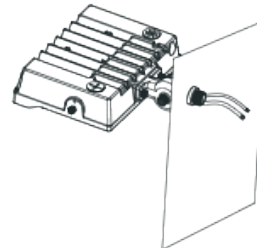


figure 1.5

Installation Instructions

Installation 2: Slip Fitter Mount

2.1 Installed with Slip Fitter Mount(suitable for 80W-150W)(b=AM/AM2)

Step 1: Take the fixture out of package;

Step 2: Pass the rubber wire through the mounting head of the bracket and secure it with an inner hexagon screw. (Watch out not to scratch the wire); (figure 2.1)

Step 3: Run the rubber wire through the other holder and tighten it with the hexagon socket screw. (Watch out not to scratch the wire). (figure 2.2)

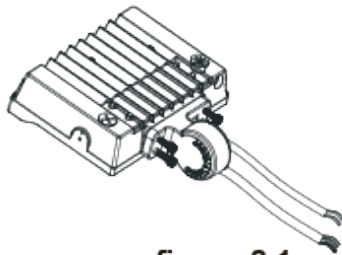


figure 2.1

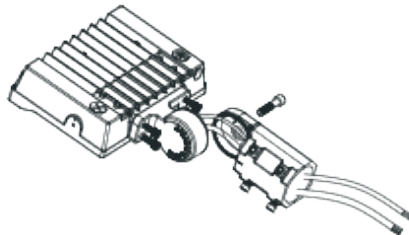


figure 2.2

2.2 Installed with whole fixture(suitable for 80W-150W)

Step 1: Take the fixture out of package;

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire), and then put wire into lamp pole; (figure 2.3)

Step 3: Loosen screws; Adjust fixture angles as per actual demands and tighten screws later; Angles of the fixture are adjustable (pass the bracket through mounting surface, secure it with screws, then connect the wires as per proper wiring requirements). (figure 2.4)

Lights and lanterns

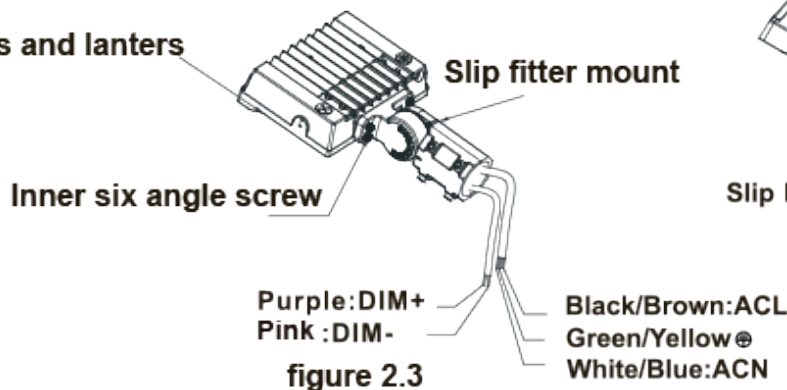


figure 2.3

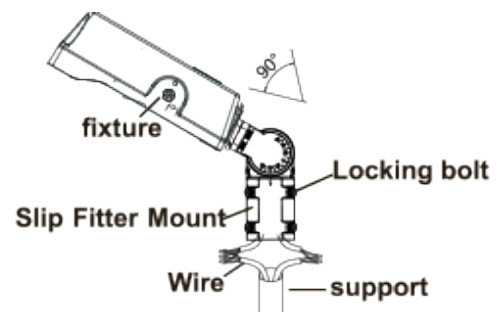


figure 2.4

Installation 3: Slip Fitter Mount

3.1 Installed with Slip Fitter Mount (suitable for 80W-150W)(b=AM3)

Step 1: Take the fixture out of package;

Step 2: Pass the rubber wire through the mounting head of the bracket and secure it with an inner hexagon screw. (Watch out not to scratch the wire); (figure 3.1)

Step 3: Run the rubber wire through the other holder and tighten it with the hexagon socket screw. (Watch out not to scratch the wire). (figure 3.2)

Installation Instructions

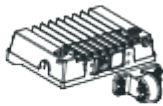


figure 3.1



figure 3.2

3.2 Installed with whole fixture(suitable for 80W-150W)

Step 1: Take the fixture out of package;

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire), and then put wire into lamp pole;(figure 3.3)

Step 3: Loosen screws; Adjust fixture angles as per actual demands and tighten screws later; Angles of the fixture are adjustable (pass the bracket through mounting surface, secure it with screws, then connect the wires as per proper wiring requirements) .(figure 3.4)

Lights and lanterns

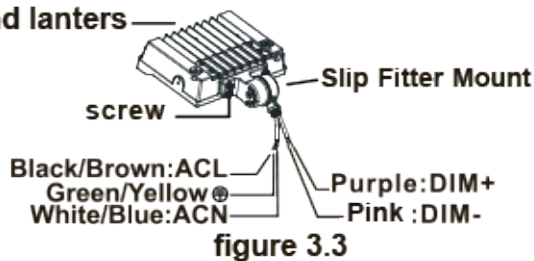


figure 3.3

Lights and lanterns

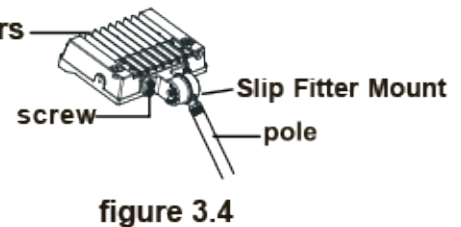


figure 3.4

4. Adjustable Fitter Mounting & Direct Mounting

4.1 Adjustable Fitter Mounting (suitable for 80W-150W) (b= A&DM)

Step 1: Remove the spare parts from A&D bracket. (Figure 4.1).

Step 2: Loosen the four bolts on A&D bracket, connect the wires correctly, and pull the wires into the poles. (Figure 4.2)

Step 3: Place the bracket into the pole and lock the four bolts. (Figure 4.1)

Notice: Adjustable angle is 0-90° (Figure 4.2)

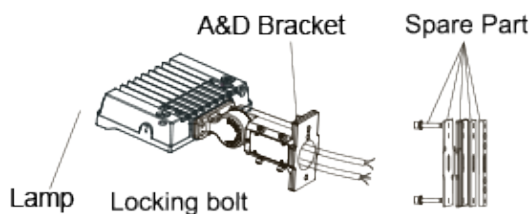


Figure 4.1

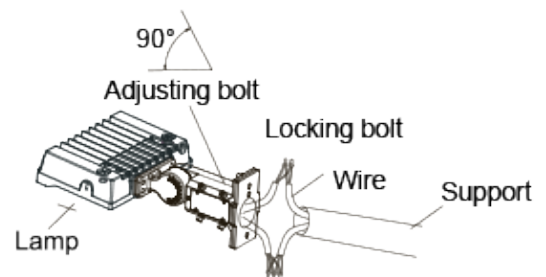


Figure 4.2

4.2 Direct Mounting (suitable for 80W-150W) (b= A&DM)

Step 1: Remove the four bolts from A&D bracket, remove the four rubber plugs from the installation bar, put the four rubber plugs on the place where the four bolts were previously placed on the bracket for waterproof purpose. (Figure 4.3)

Step 2: Fix A&D bracket to square pole with bolt, open the cover of A&D bracket junction box, pull the wire into bracket junction box, connect the wire properly and cover the junction box. (Figure 4.4)

Notice: Adjustable angle is 0-90°. (Figure 4.3)

Same as round pole installation, please remember to use the adapting plate for round pole installation. (Figure 4.5)

Installation Instructions

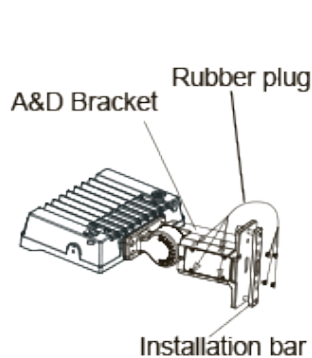


Figure 4.3

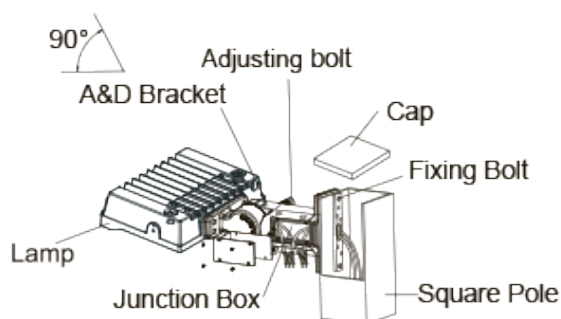


Figure 4.4

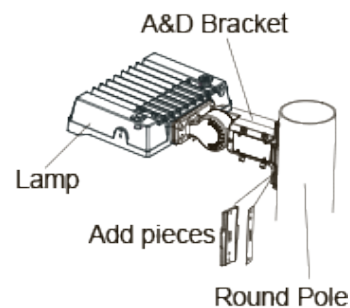


Figure 4.5

Installation 5: Direct Mounting (suitable for 80W-150W) (b=DM)

Step 1: Fix DM bracket to square pole with bolt, open the side lid of DM bracket, pull the wire into junction box, and connect the wire properly. (Figure 5.1)

Step 2: Put the connected wire into the junction box, then cover the junction box. (Figure 5.2)

Notice: Adjustable angle is 0-35° (Figure 20).

Same as round pole installation, please remember to remove the silicon plate when installing the fixture in round pole. (Figure 5.3)

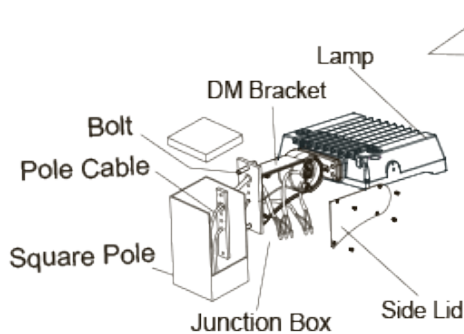


Figure 5.1

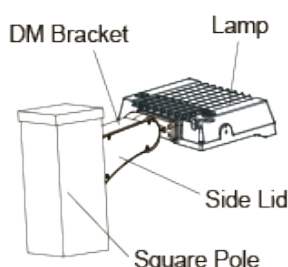


Figure 5.2

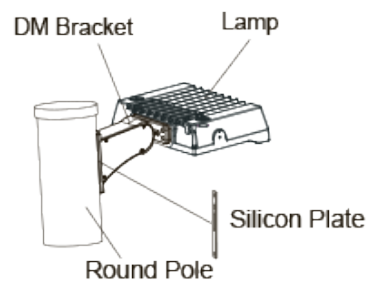


Figure 5.3

Installation 6: Trunnion Mount

6.1 Installed with trunnion mount (suitable for all power of this series) 15W-80W (b=YM)

Step 1: Take the fixture out of package;

Step 2: Run the glue wire through the hole in the mounting bracket and secure the fixture and bracket with an inner hexagon screw (Watch out not to scratch the glue wire) (Figure 6.1); Tighten the other bracket with screws. (Figure 6.2)

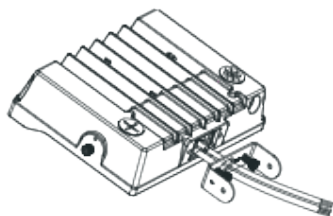


figure 6.1

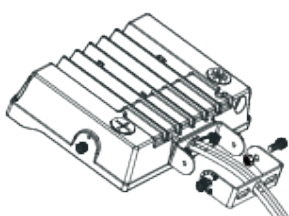
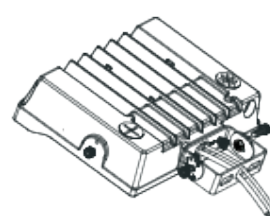


figure 6.2



Installation Instructions

6.2 Installed with trunnion mount(suitable for all power of this series) 80W-150W (b=YM)

Step 1: Take the fixture out of package;

Step 2: Run the glue wire through the hole in the mounting bracket and secure the fixture and bracket with an inner hexagon screw (Watch out not to scratch the glue wire) (Figure 6.3); Tighten the other bracket with screws. (Figure 6.4)

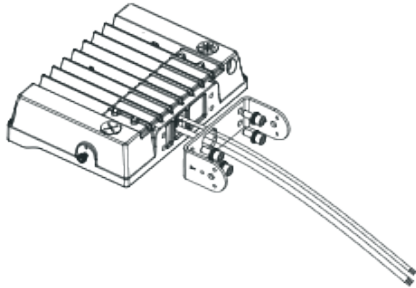


figure 6.3

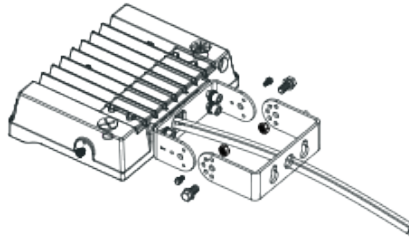
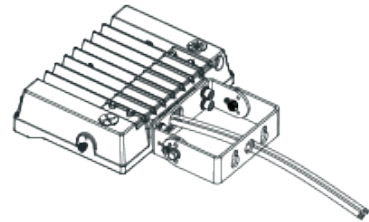


figure 6.4



6.3 Installed with whole Fixture (suitable for all power of this series)

Step 1: Take the fixture out of package;

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire). (Figure 6.5)

Step 3: Loosen screws; Adjust fixture angles as per actual demands and tighten screws later. (figure 6.6) Tips: Angles of the fixture is adjustable.

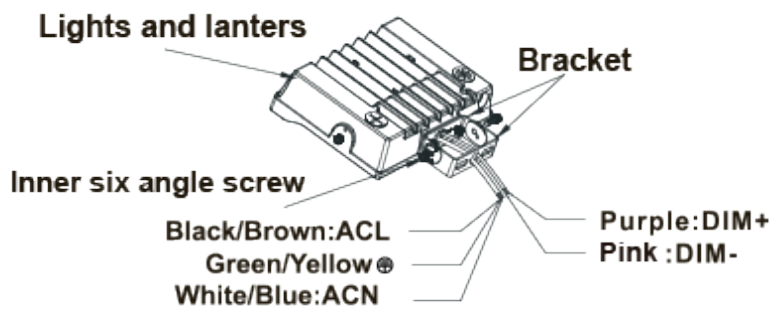


figure 6.5

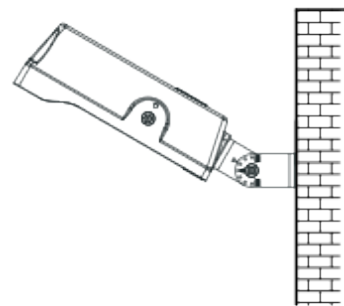


figure 6.6

Installation 7: Yoke Mount

7.1 Installed with yoke mount (suitable for all power of this series) [suitable for 15W-150W] (b=FM)

Step 1: Take the lamp out of package; (Figure 7.1)

Step 2: Tighten the brackets and screws. (Figure 7.2)

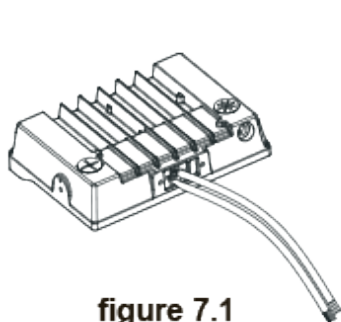


figure 7.1

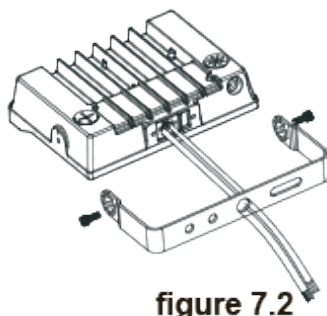
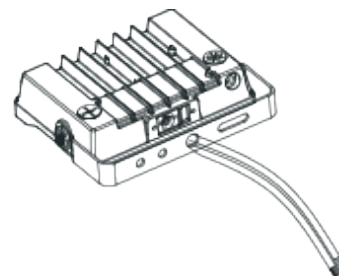


figure 7.2



Installation Instructions

7.2 Installed with whole fixture (suitable for all power of this series)

Step 1: Take the fixture out of package;

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire). (Figure 7.3)

Step 3: Loosen screw; Adjust fixture angles as per actual demands and tighten screws later (figure 7.4), Tips: Angles of the fixture is adjustable.

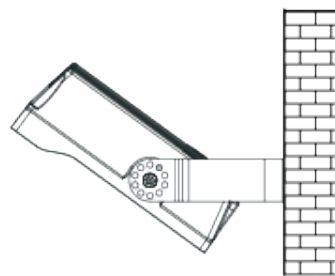
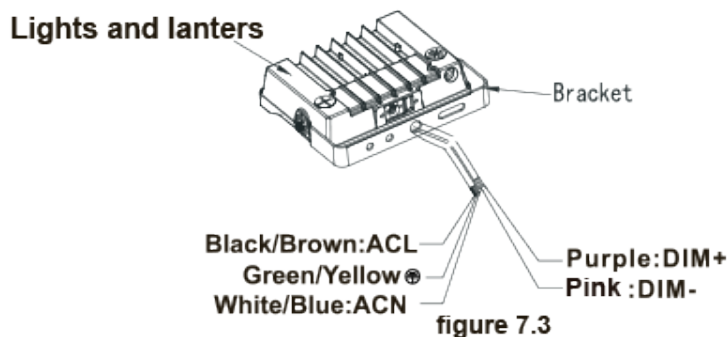


figure 7.4

Installation 8: Yoke mount and slip fitter bracket

8.1 Install slip fitter mount (AM) through yoke mount (FM) supporter(suitable for 15W-150W)(b=AF2/AF1)

Step 1: pass the core wire through the hole of the FM support, and then tighten hexagon socket screw. (Figure 8.1)

Step 2: Put the core wire through the waterproof rubber plug, through the bracket fixing seat and match with the waterproof rubber plug. (Figure 8.2)

Step 3: Run the core wire through the mounting head of the AM bracket and tighten socket hex screw. (Figure 8.3)

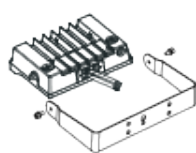


figure 8.1

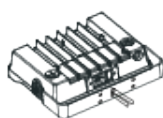


figure 8.2

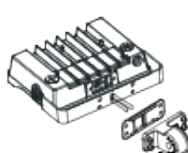


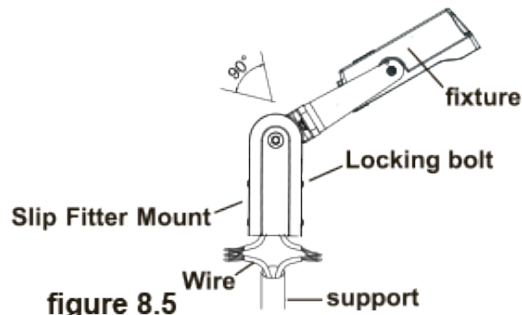
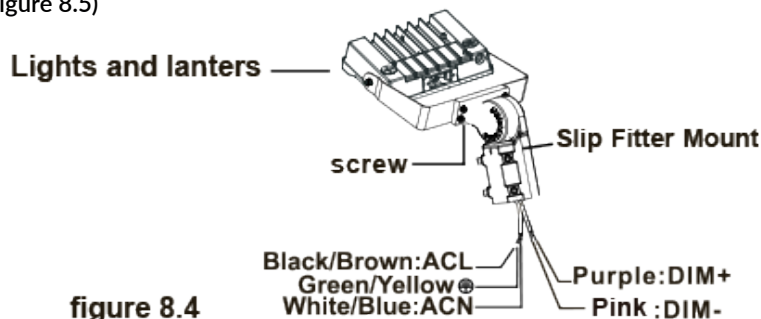
figure 8.3

8.2 Installed with whole fixture (suitable for 15W-150W)

Step 1: Take the fixture out of package;

Step 2: Finish the wire connection according to the right mode of connection (pay attention to positive wire, negative wire, and ground wire), and then put wire into lamp pole; (Figure 8.4)

Step 3: Loosen screws; Adjust fixture angles as per actual demands and tighten screws later; Angles of the fixture is adjustable (pass the bracket through mounting surface, secure it with screws, then connect the wires as per proper wiring requirements). (Figure 8.5)



Installation Instructions

Installation 9: Function adjustment

Step 1: Turn the metal plug and plastic plug counterclockwise with a screwdriver (figure 9.1), then slide the switch up and down to adjust the power controller, CCT controller or photocell controller to the desired setting. (figure 9.2)

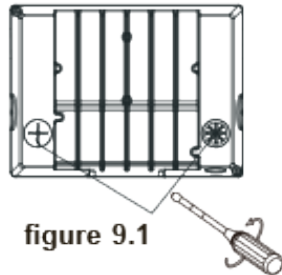


figure 9.1



figure 9.2

Step 2: After adjusting the required control function (figure 9.3), tighten the metal plug and the plastic plug clockwise. (figure 9.4)



color temperature
controller

figure 9.3



photocell and
power controller



figure 9.4

WARNING

MIN 75 °C SUPPLY CONDUCTORS

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED SUITABLE FOR OPERATION IN AMBIENT NOT EXCEEDING 50°C.

LES FILS D'ALIMENTATION 75 °C MIN CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS PEUT ÊTRE UTILISÉ À UNE TEMPÉRATURE AMBIANTE N'EXCÉDANT PAS 50°C.