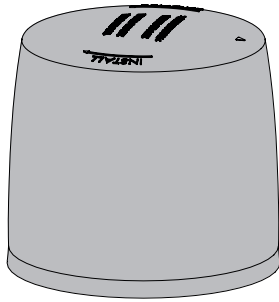


Schröder

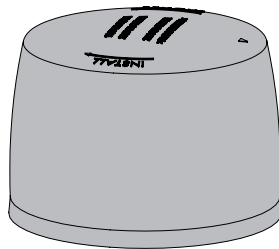
OWLET IV NEMA

Luminaire Controllers

Installation Instructions



DATALIFT N



MESHNODE N

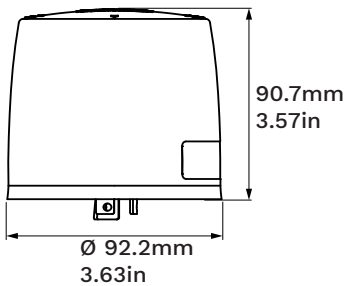


QR code to
access the online
installation
instruction.



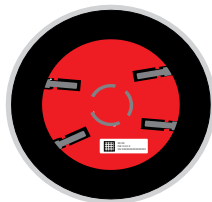
PRODUCT

DATALIFT N



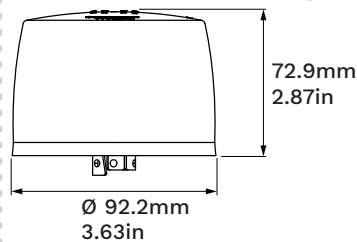
0.23kg
0.51lb

Ta: -40°C to +65°C
-40°F to +149°F
Mains voltage: 110-240V
Frequency: 50/60Hz
Max load current: 5A



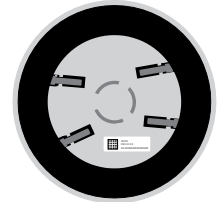
Red bottom

MESHNODE N



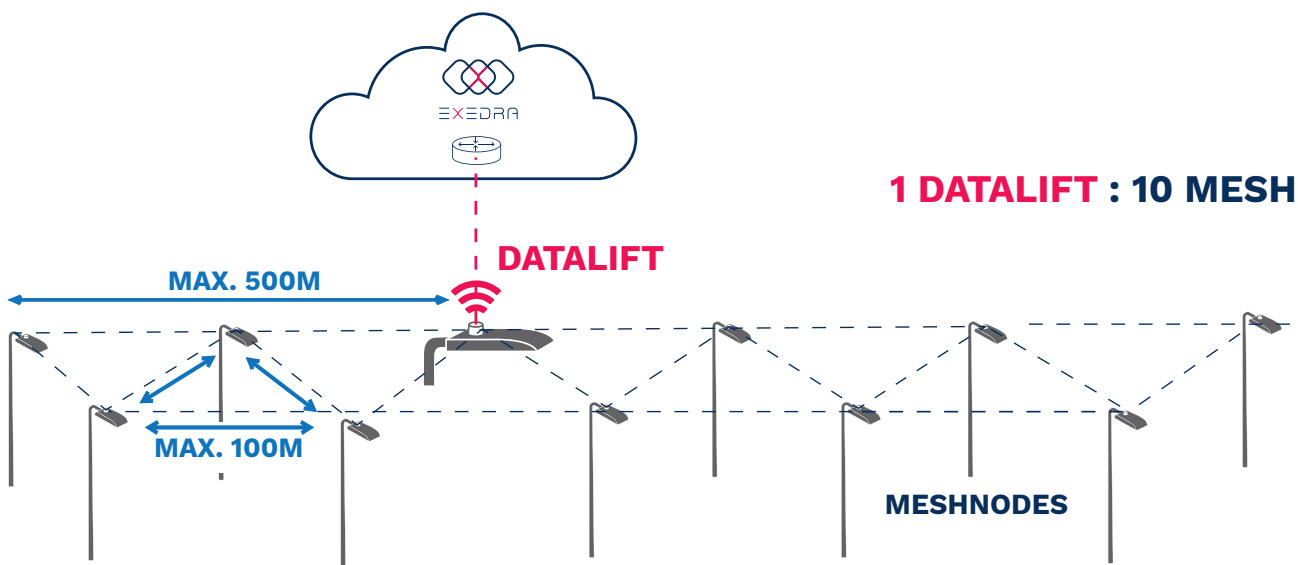
0.18kg
0.40lb

Ta: -40°C to +65°C
-40°F to +149°F
Mains voltage: 110-240V
Frequency: 50/60Hz
Max load current: 5A



Grey bottom

BEST LOCATION, RATIO & DISTANCE

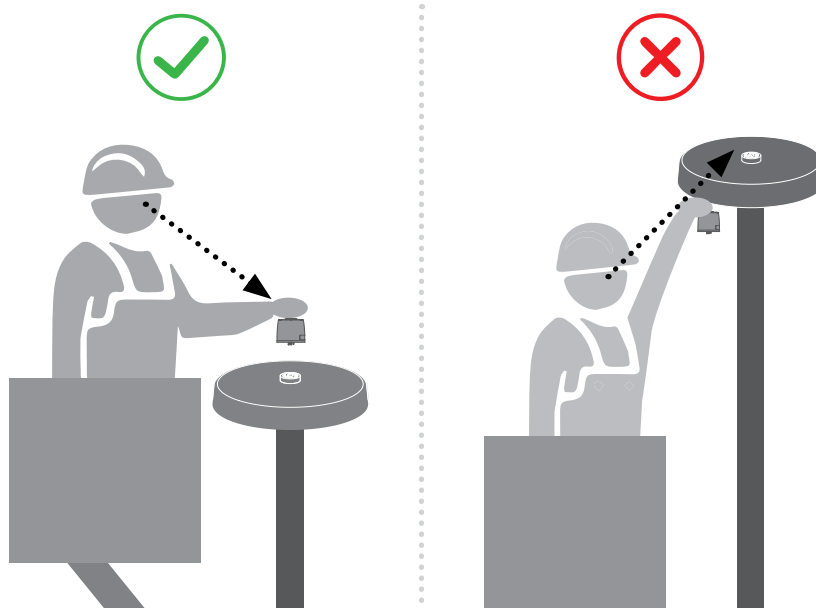


INSTALLATION

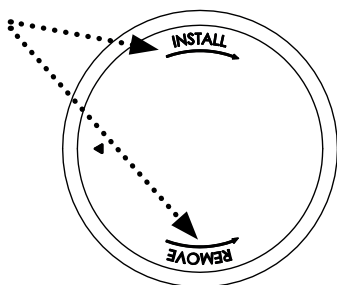
- 1** Before installation contact Schröder FAE (Field Application Engineer) for support.



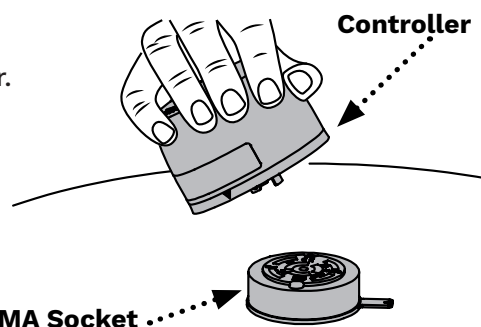
- 2** During installation, ensure correct body position over the luminaire.



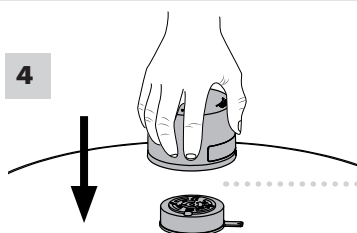
- 3** Turning indications on top of controller.



Hold controller.

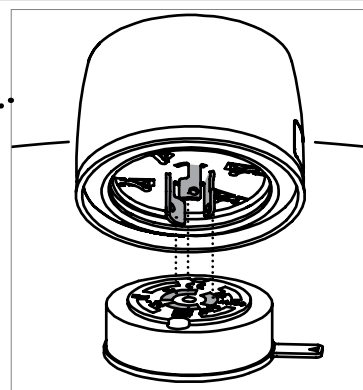
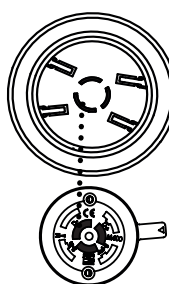


4



Align the controller power pins with slots in the socket.

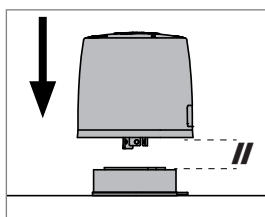
Align the longer pin (Neutral) first.



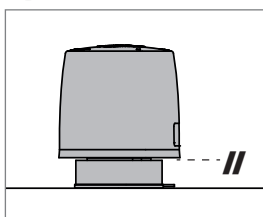
5

Check if the surfaces between the controller and NEMA socket are parallel and plug in.

1



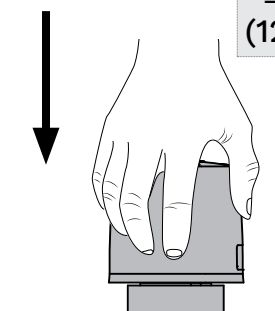
2



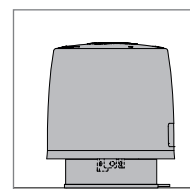
6

Push the controller firmly down. Make sure it is vertically aligned.

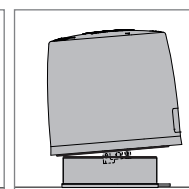
$\pm 55 \text{ N}$
(12.5 lbf)



Correct position:
vertical



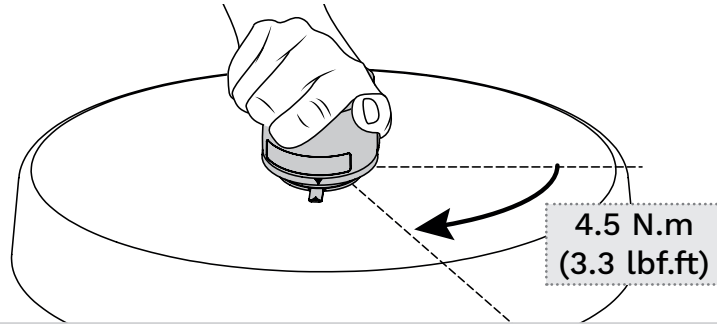
Incorrect position:
twisted



INSTALLATION

7

Turn controller $\pm 45^\circ$
clockwise until
it locks.



VERIFICATION



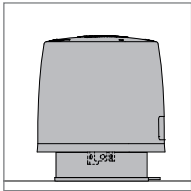
The installer is responsible for verifying the installation.

8

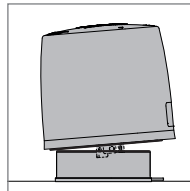
Visual Verification



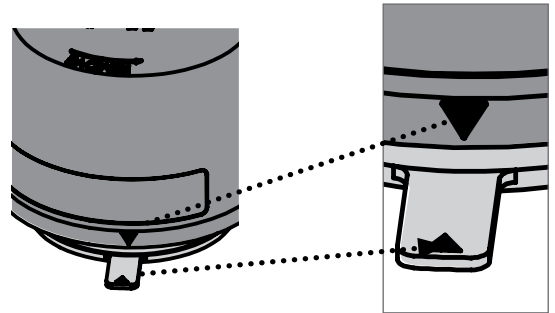
Correct installation:
Surfaces of controller and
NEMA socket are parallel.



Incorrect installation:
Surfaces of controller and
NEMA socket are twisted.



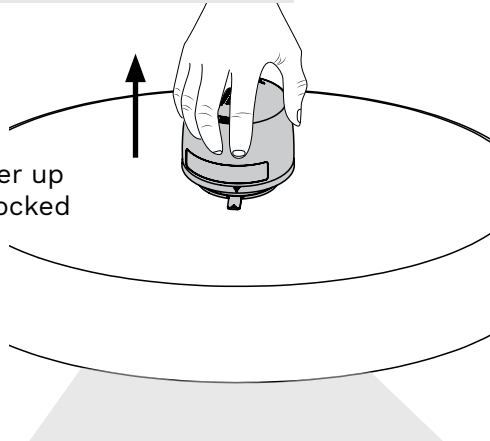
NEMA socket with internal RFID
Symbol on controller and gasket
are aligned.



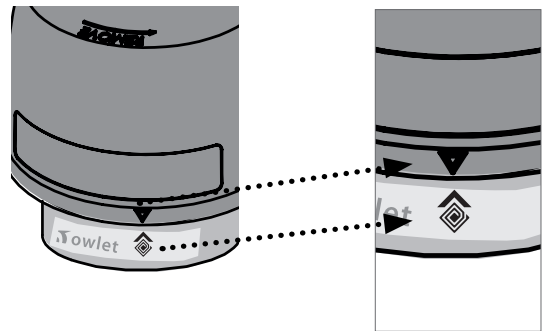
9

Mechanical Verification

Pull the controller up
to check if it is locked



NEMA socket with external RFID
Symbol on controller and socket label
are aligned.

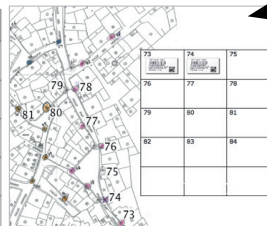


10

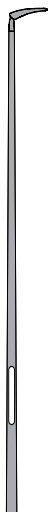
Extra barcode labels are supplied with the controller

Example list and map.

Lamp	Street	Latitude (-90.0 - 90.0) Longitude (-180.0 - 180.0)	ZigBee
101	Westring	50.0832480 8.2853260	
102	Westring		
103	Westring		
104	Westring		
105	Westring		



Inside
pole door



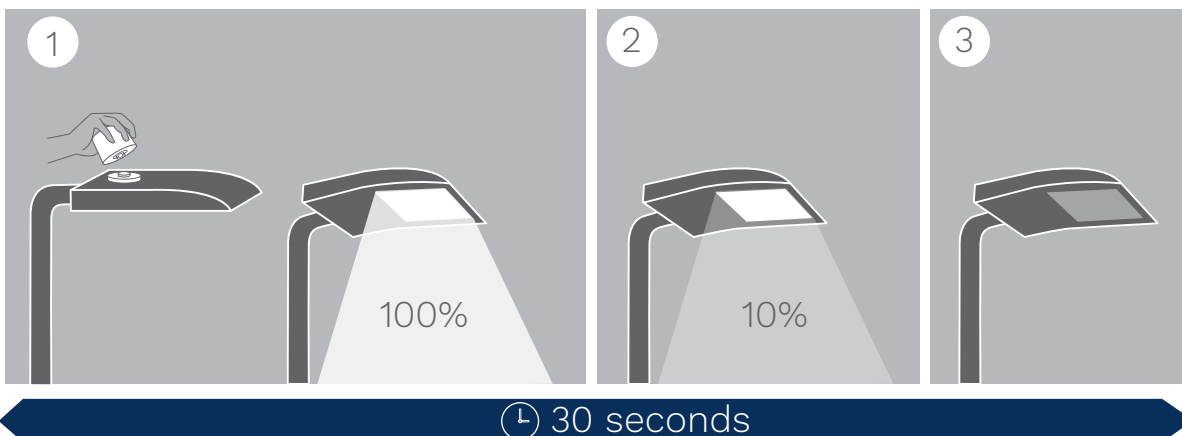
SELF-TEST

- 11** **Note:** the self-test occurs only in the first 5 power cycles after installing the controller.

When powering on luminaire, the light switches ON to maximum level.

The controller reduces light to minimum level.

The controller switches OFF the light completely.



Correct
Luminaire is ON

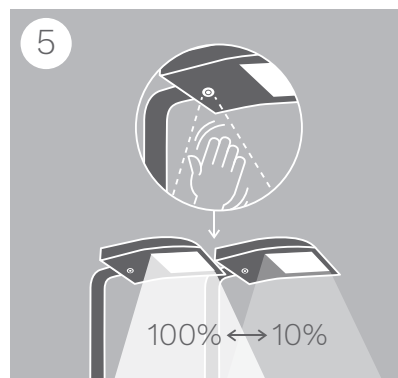
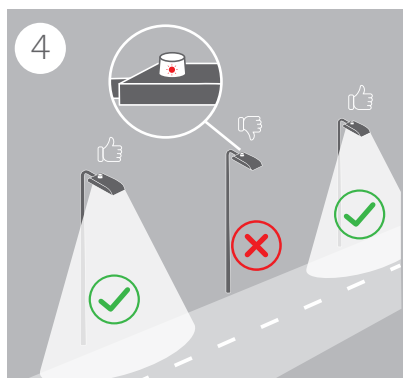
Incorrect
Luminaire is OFF

Built-in LED controller is ON

OPTIONAL SENSOR TEST
trigger a sensor detection in the luminaire

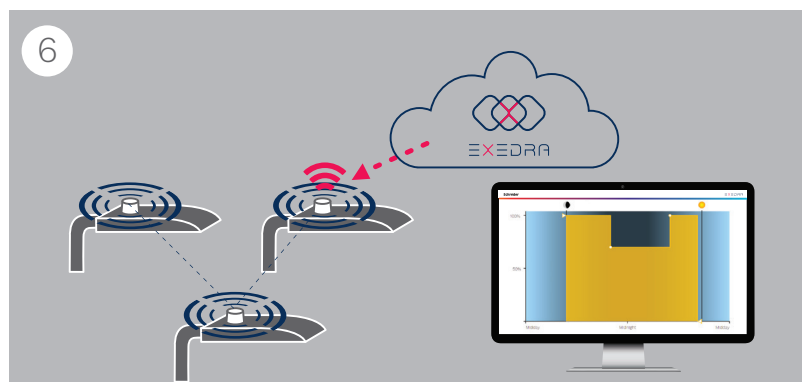
Correct:
Light level changes from max to min

Incorrect:
Light level does not change



⌚ 120 minutes

After the self-test, the luminaire operates as configured on the CMS platform.



12 South America

DATALIFT N SAM

FCC ID: 2AW4F-OW4NDSAM

Contains FCC ID: QOQMGM13P

Contains FCC ID: XMR202106EG91AUX

No changes shall be made to the device without the manufacturer's permission as this may void the user's authority to operate the device.

The DATALIFT N SAM complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

The DATALIFT N SAM complies with the safety requirements for RF exposure for mobile (>20 cm) use conditions in accordance with FCC rule part 2.1091.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



MESHNODE N SAM

FCC ID: 2AW4F-OW4NMSAM

Contains FCC ID: QOQMGM13P

No changes shall be made to the device without the manufacturer's permission as this may void the user's authority to operate the device.

The MESHNODE N SAM complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

The MESHNODE N SAM complies with the safety requirements for RF exposure for mobile (>20 cm) use conditions in accordance with FCC rule part 2.1091.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

