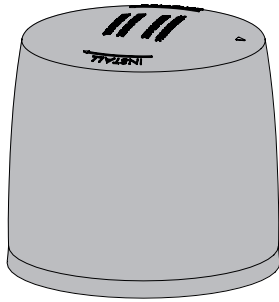


OWLET IV

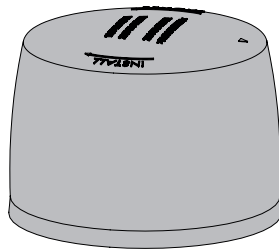
NEMA NAM

Luminaire Controllers

Installation Instructions



DATALIFT N



MESHNODE N

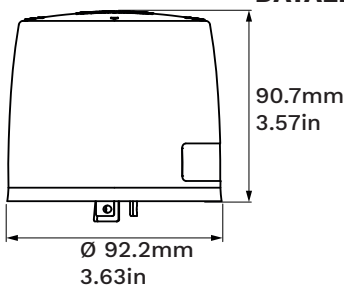


QR code to
access the online
installation
instruction.



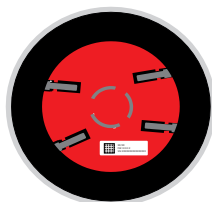
PRODUCT

DATALIFT N



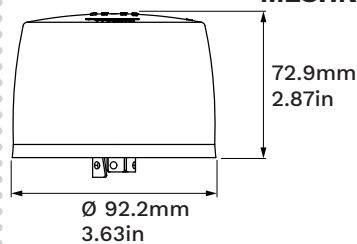
0.23kg
0.51lb

Ta: -40°C to +65°C
-40°F to +149°F
Mains voltage: 110-277V
Frequency: 50/60Hz
Max load current: 7.5A



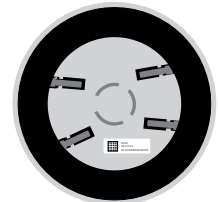
Red bottom

MESHNODE N



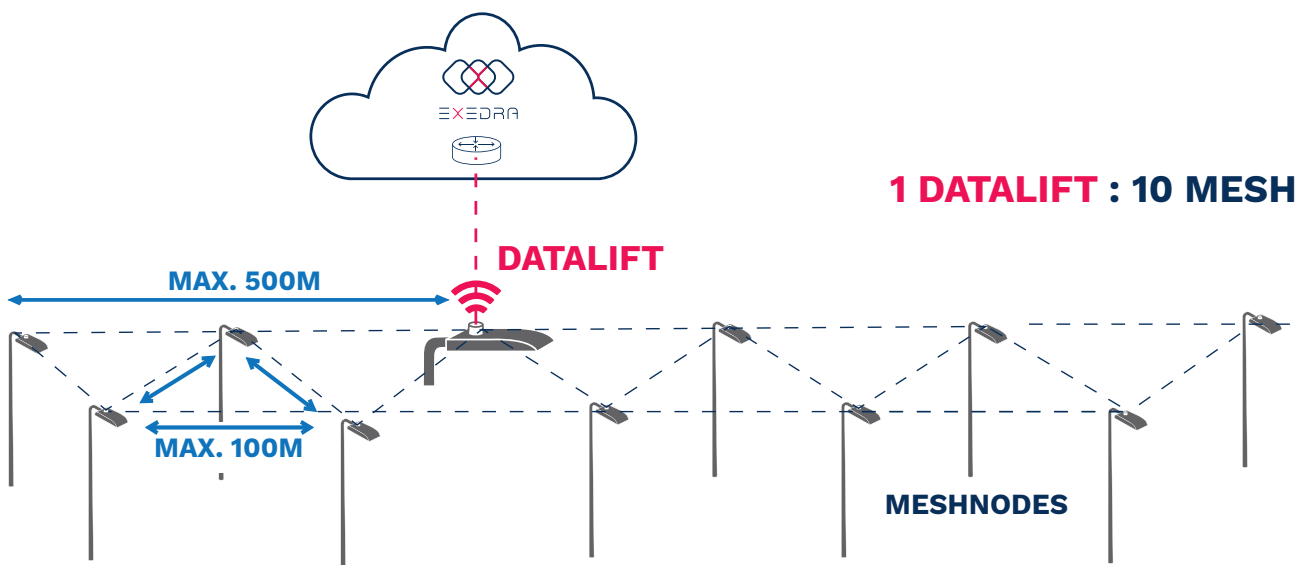
0.18kg
0.40lb

Ta: -40°C to +65°C
-40°F to +149°F
Mains voltage: 110-277V
Frequency: 50/60Hz
Max load current: 7.5A



Grey bottom

BEST LOCATION, RATIO & DISTANCE

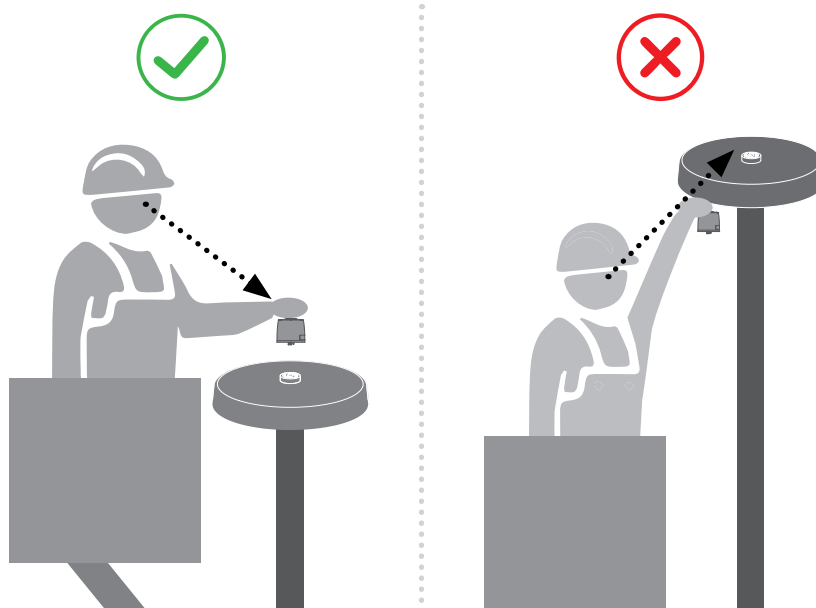


INSTALLATION

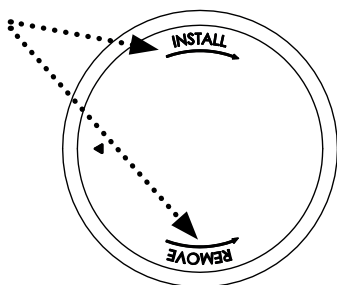
- 1** Before installation contact Schröder FAE (Field Application Engineer) for support.



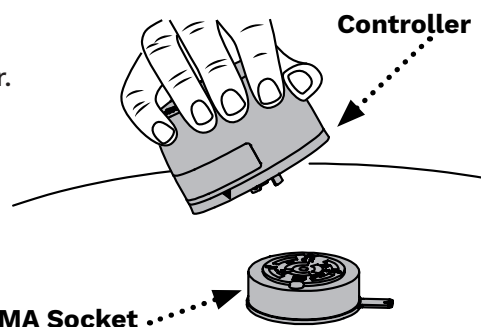
- 2** During installation, ensure correct body position over the luminaire.



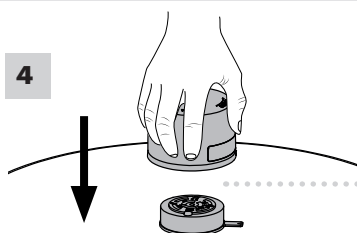
- 3** Turning indications on top of controller.



Hold controller.

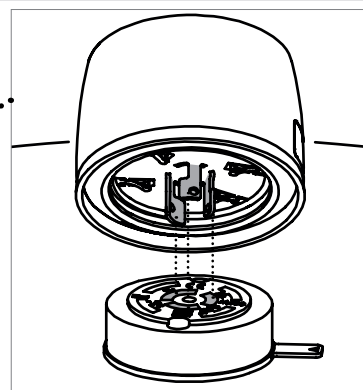
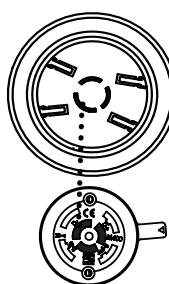


4



Align the controller power pins with slots in the socket.

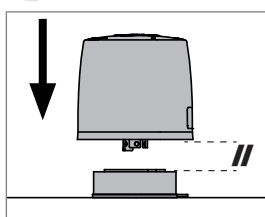
Align the longer pin (Neutral) first.



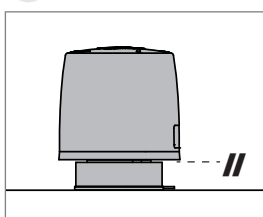
5

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

1



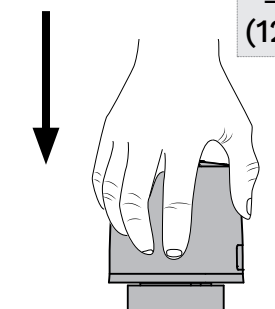
2



6

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

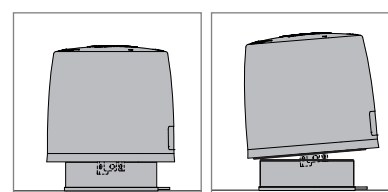
$\pm 55 \text{ N}$
(12.5 lbf)



Correct position:
vertical



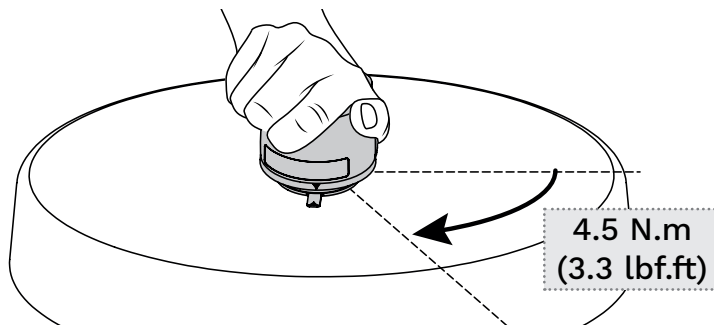
Incorrect position:
twisted



INSTALLATION

7

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



VERIFICATION



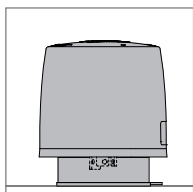
The installer is responsible for verifying the installation.

8

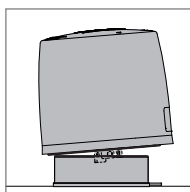
Visual Verification



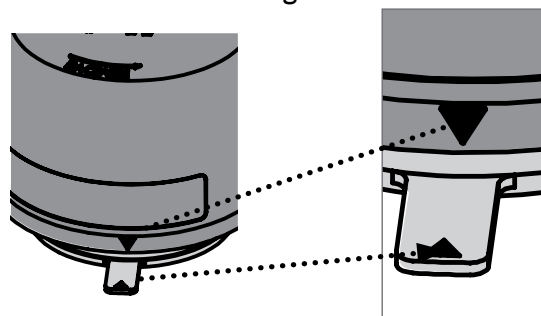
Correct installation:
Surfaces of controller and NEMA socket are parallel.



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



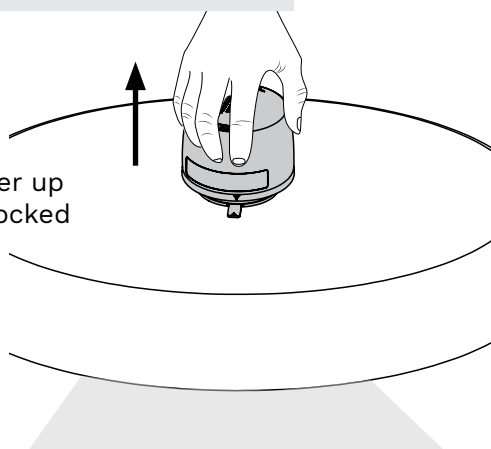
NEMA socket with internal RFID
Symbol on controller and gasket are aligned.



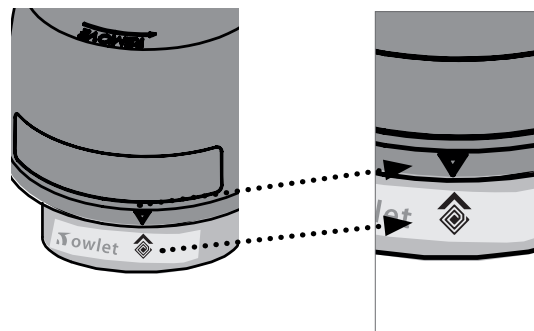
9

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.

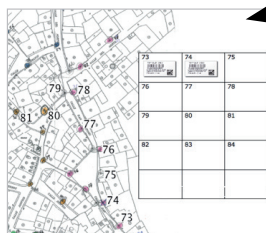


10

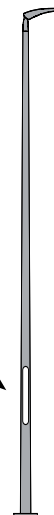
Extra barcode labels are supplied with the controller

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



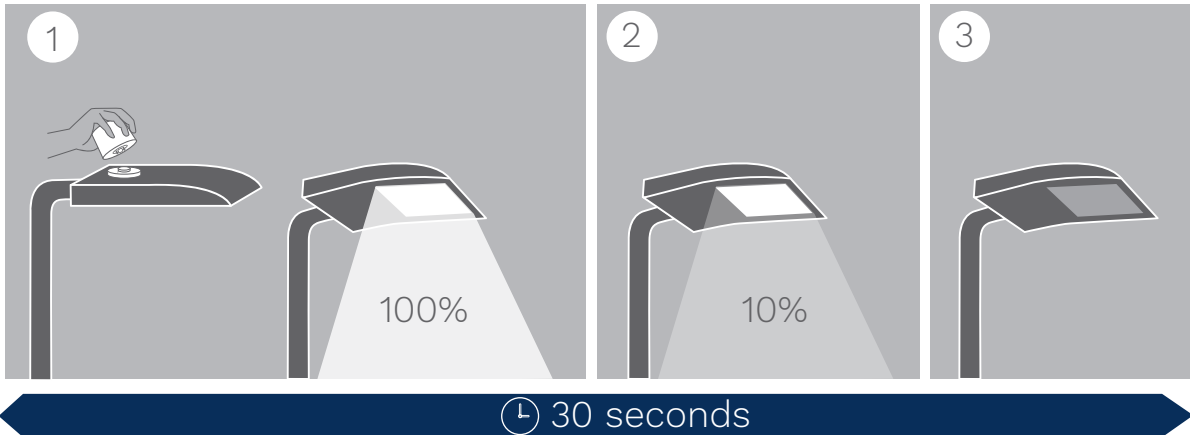
SELF-TEST

- 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.



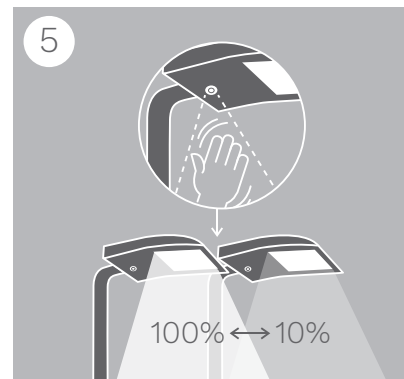
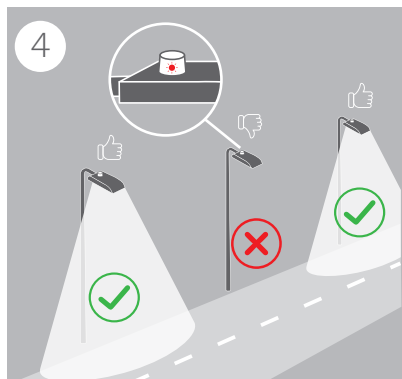
Correct
Luminaire is ON

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 FCC Regulatory Notices:

DATALIFT N NAM

FCC ID: 2AW4F-OW4NDNAM

Contains FCC ID: QOQMGM13P

Contains FCC ID: XMR201909EG91NAX



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

FCC ID: 2AW4F-OW4NMNAM

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

ISED Canada Regulatory Notices:

DATALIFT N NAM

IC:26343-OW4NDNAM

Contains IC: 5123A-MGM13P

Contains IC: 10224A-2019EG91NAX (for the DataLift)



MESHNODE N NAM

IC:26343-OW4NMNAM

Contains IC: 5123A-MGM13P (for the MeshNode)

This device is compliant with ISED Canada license-exempt RSS standards. Operation is authorised under the following two conditions:

- 1 - the device may not cause harmful interference;
- 2 - the device must accept any interference received, even if it compromises operation.

Cet appareil est conforme aux normes CNR exemptes de licence d'ISDE Canada. Le fonctionnement est autorisé sous les deux conditions suivantes :

- 1 - l'appareil ne doit pas causer d'interférences nuisibles ;
- 2 - l'appareil doit accepter toute interférence reçue, même si elle compromet son fonctionnement.

This equipment complies with ISED Canada RSS-102 radiation exposure limits set forth for the general population. This equipment complies with the safety requirements for RF exposure in accordance with RSS-102 Issue 5 section 2.5.2 for mobile (>20 cm) use conditions. The minimum compliance distance is 20 cm.

Cet équipement est conforme aux limites d'exposition aux radiations CNR-102 de l'ISDE Canada établies pour la population générale. Cet équipement est conforme aux exigences de sécurité pour l'exposition aux radiofréquences conformément à la section 2.5.2 de la norme CNR-102 Issue 5 pour les conditions d'utilisation mobile (>20 cm). La distance minimale de conformité es de 20 cm."

