

Alula

[FI] Asennusohje
[UK] Installation instructions
[SE] Installationsinstruktioner
rev. 1



MODEL	PRODUCT CODE	POWER	DIM*	WEIGHT	MAXIMUM PROJECTED WIND AREA
Alula	GLALU24070	15-70 W	2,9 m	8,8 kg	0,2 m ²
Alula	GLALU48137	28-137 W	4,8 m	9,0 kg	0,2 m ²
Alula	GLALU64144	123-144 W	5,0 m	9,5 kg	0,2 m ²
Alula (Amber 2C)	GLALU48272	15-72 W	2,9 m	9,0 kg	0,2 m ²

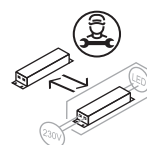


Alula-valaisin on asemoitava siten, ettei pitkäaikaista katsomista valaisimeen voi olettaa tapahtuvan alle DIM* etäisyydeltä.

Alula luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than DIM* is not expected.

Alula armaturen bör placeras så att långvarig stirrande in i armaturen på ett avstånd närmare än DIM*.

Greenled Oy
Oritkarintie 4
FI 90400 Oulu

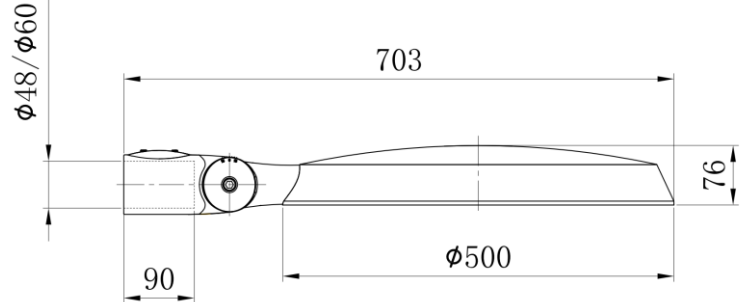
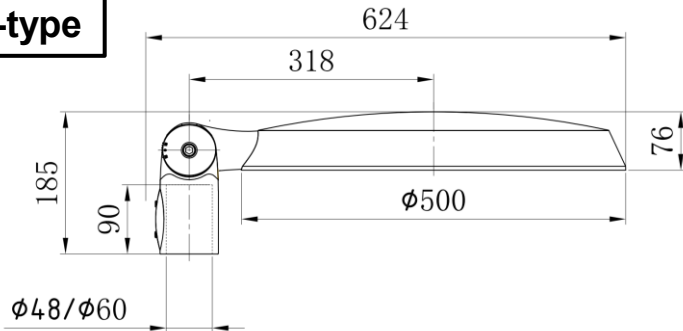


IP66 IK08

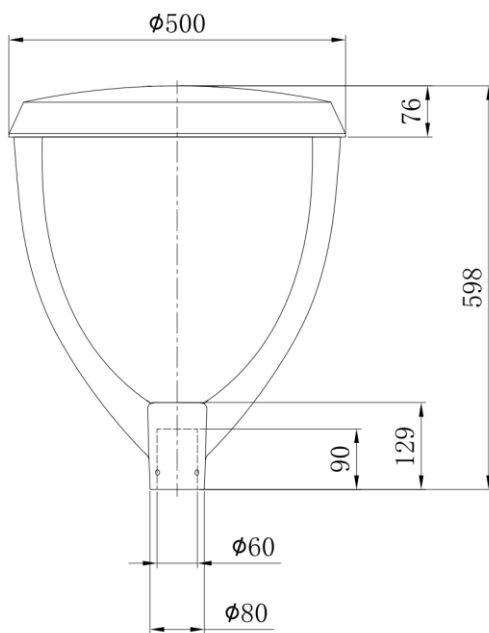
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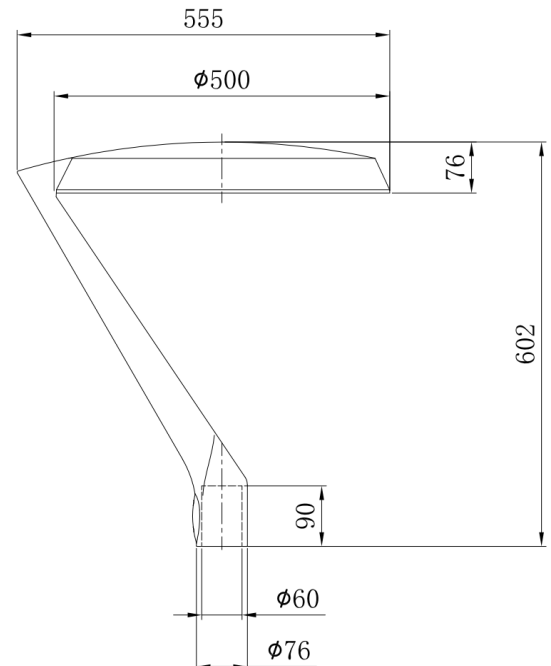
S-type



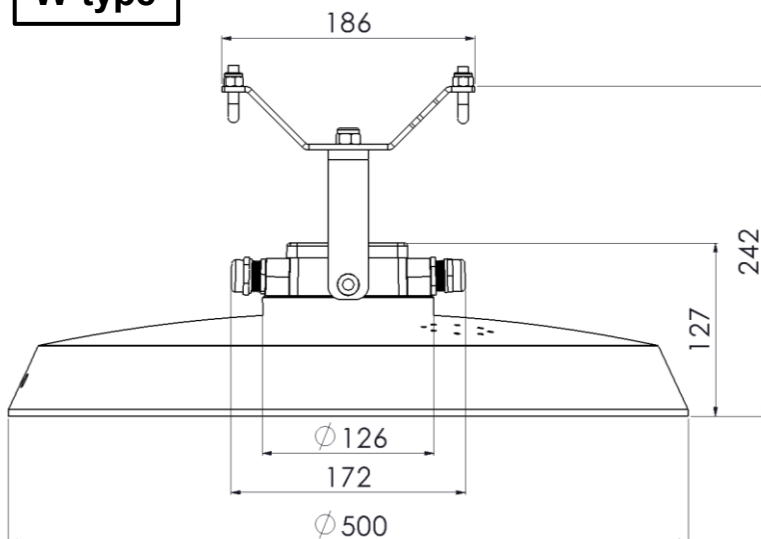
Y-type



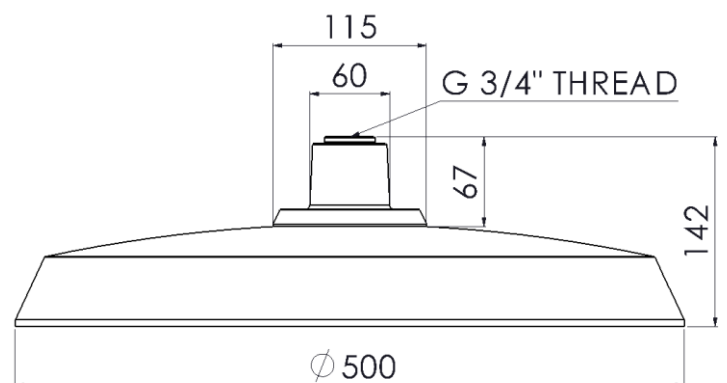
J-type



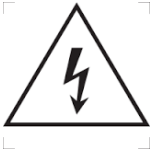
W-type



W-type with thread bracket



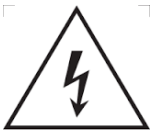
FI Nämä ohjeet tulee säilyttää ja luovuttaa kiinteistön käyttäjälle.
UK It is appropriate that this information is passed on to the user of the installation.
SE Det är lämpligt att denna information överlämnas till användaren av anläggningen.



Turvallisuusvaroitukset:

Ennen asennusta tai huoltotyötä kytke valaisin irti sähköverkosta välttääksesi sähköiskun vaaran!

- Asennus / huoltotyön saa tehdä vain valtuutettu henkilö
- Valaisimen asennuksen / huoltotyön saa suorittaa vain pätevä henkilö näiden ohjeiden mukaisesti.
- Valmistaja ei kanna vastuuta valaisimen väärästä käytöstä
- Älä katso suoraan päällä olevaan valaisimeen
- Valaisimen valonlähteen saa vaihtaa ainoastaan Greenled, Greenledin valtuuttama huoltaja tai vastaavan pätevyyden omaava henkilö



Safety notes:

Before installation or change work disconnect the power to reduce electrical shock risk!

- Installation / maintenance can only be done by a skilled personnel
- Installation / maintenance of luminaire must be performed by qualified person following the instructions given in the instruction set
- The manufacturer bears no liability for damage caused by inappropriate use or application
- Do not stare at the operating light source
- The light source contained in this luminaire shall only be replaced by the Greenled or Greenled's service agent or a similar qualified person

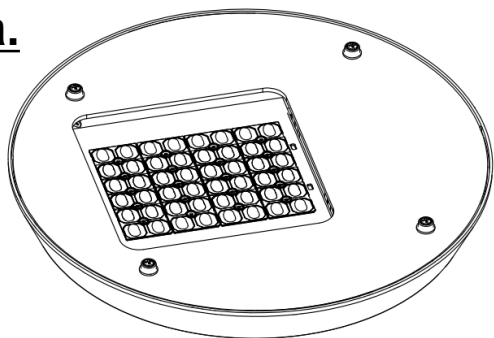


Säkerhetsvarningar:

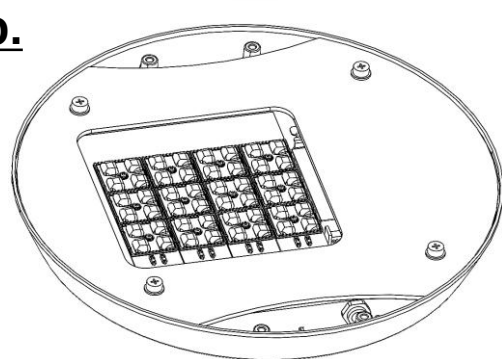
Koppla alltid bort armaturen från elnätet i samband med installation ti den som använder armaturen.

- Installations- och underhållsarbeten får endast utföras av en behörig installatör
- Installations-/underhållsarbetet får endast utföras enligt dessa anvisningar av en person med tillräckliga kunskaper
- Tillverkaren ansvarar ej för felaktig användning av armaturen
- Titta aldrig rakt in i en påslagen armatur
- Ljuskällan inuti armaturen får endast bytas av antingen Greenled, en Greenled-auktoriserad servicetekniker eller en person med motsvarande kompetens

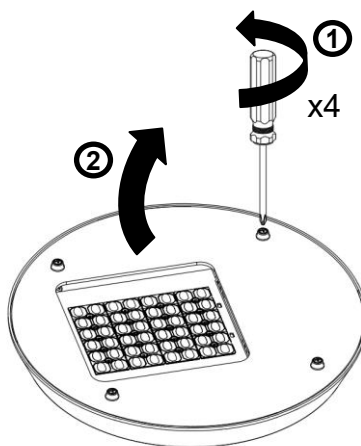
1a.



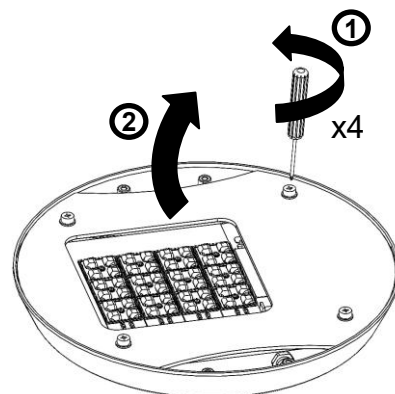
1b.



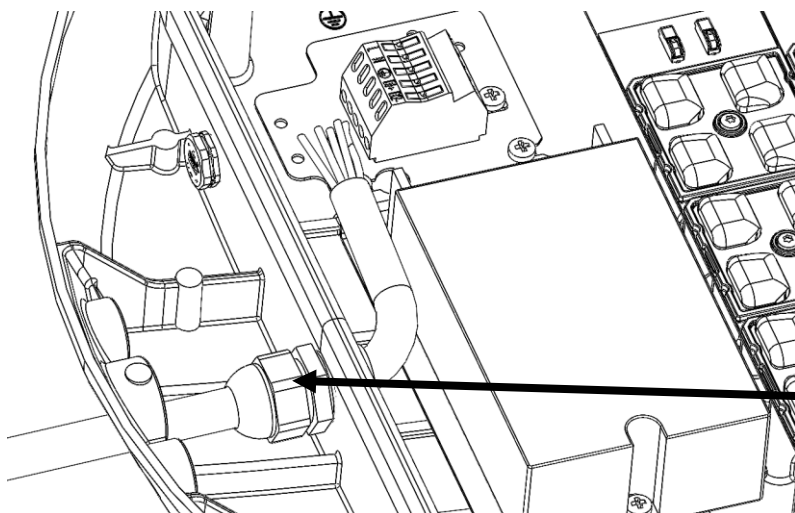
2a.



2b.

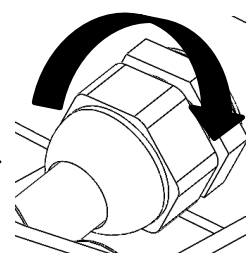


3a.

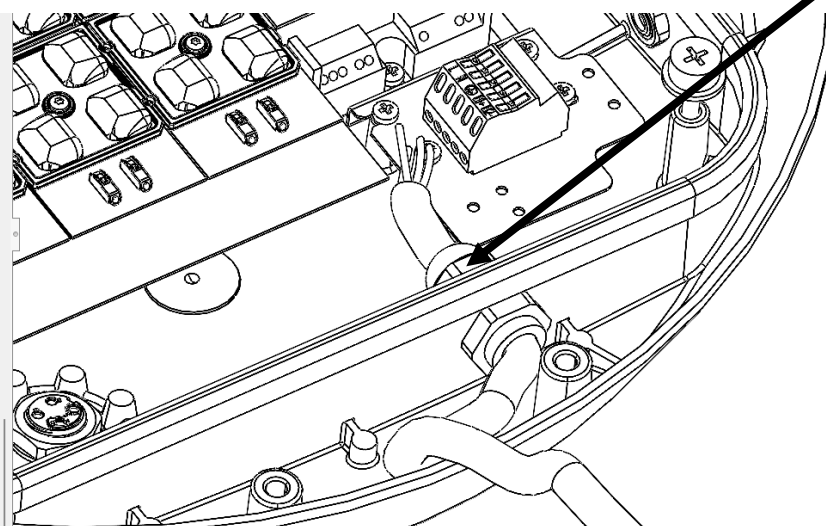


24

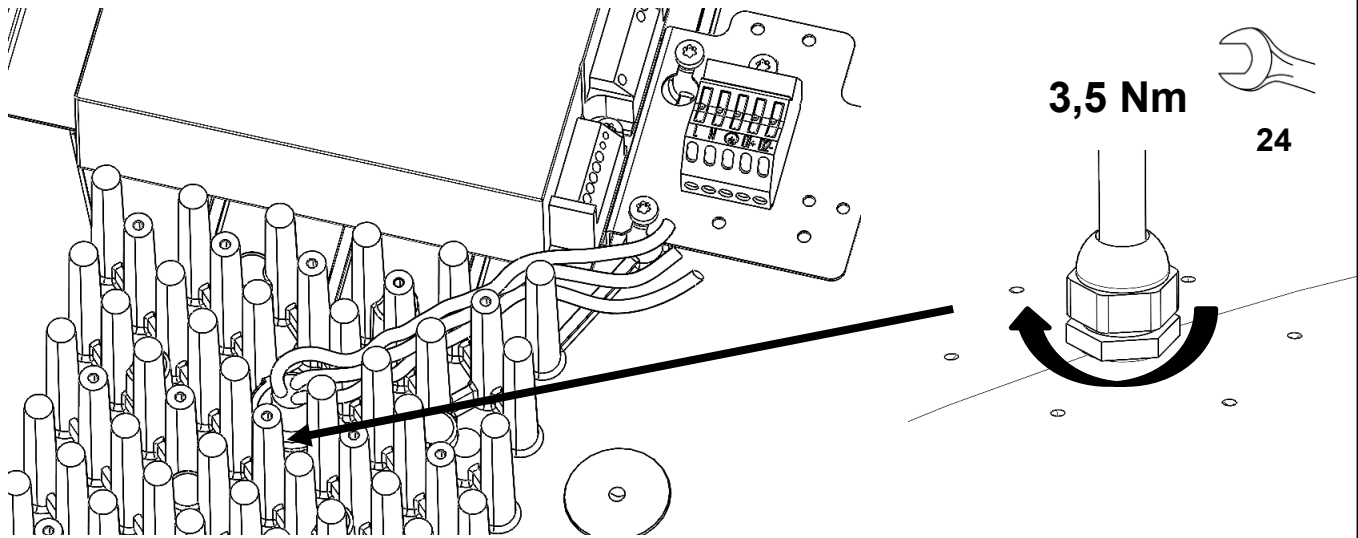
3,5 Nm



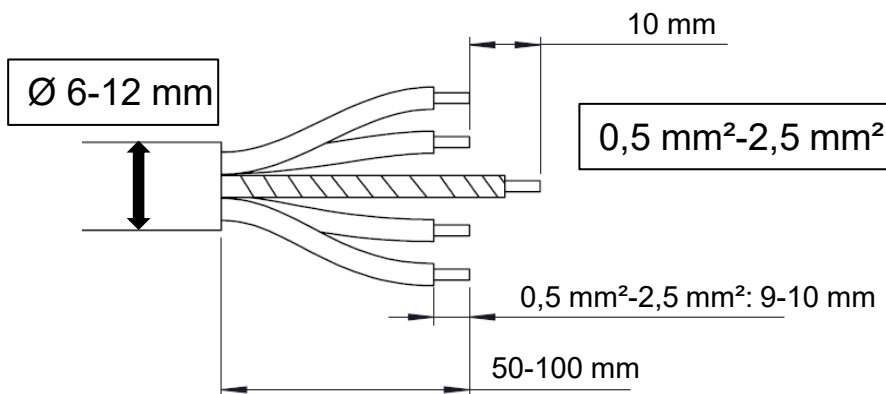
3b.



3c.

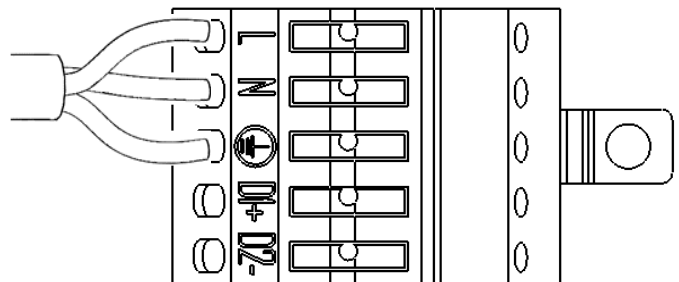


4.



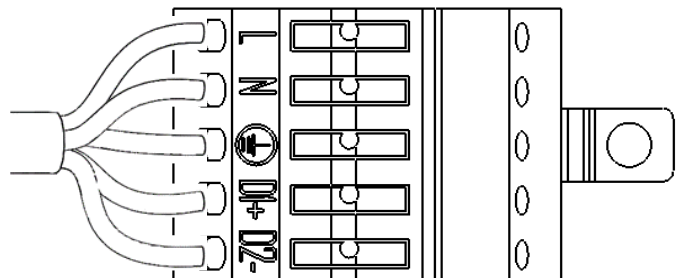
- ON/OFF
- AstroDIM

L = Ruskea, Brown, Brun
N = Sininen, Blue, Blå
PE = Kelta-vihreä, Ground wire, Jordledning

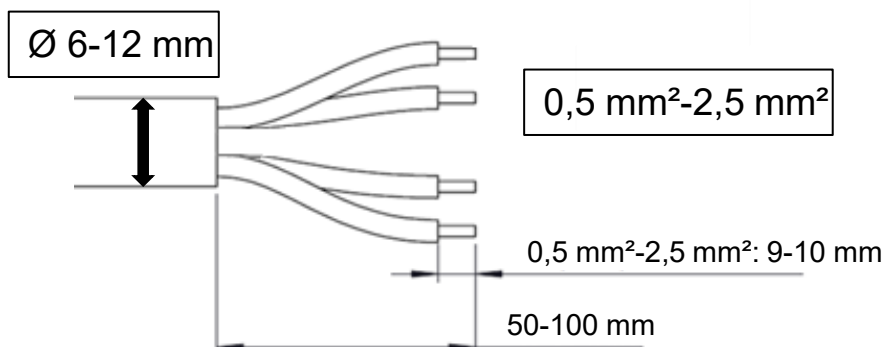


- DALI
- AstroDIM

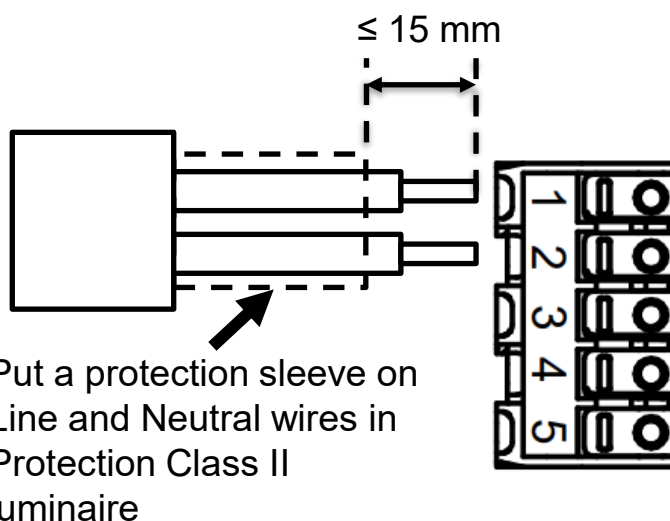
L = Ruskea, Brown, Brun
N = Sininen, Blue, Blå
PE = Kelta-vihreä, Ground wire, Jordledning
D1 = Musta, Black, Svart
D2 = Harmaa, Grey, Grå



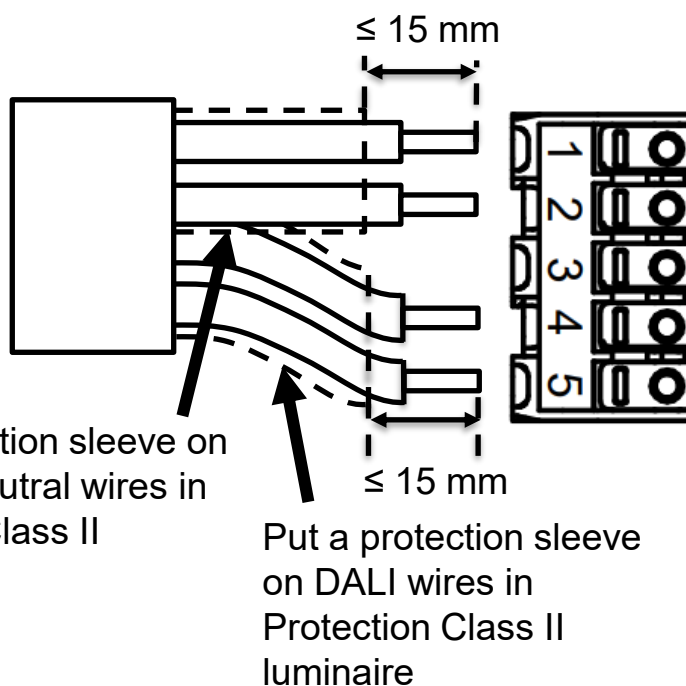
5.



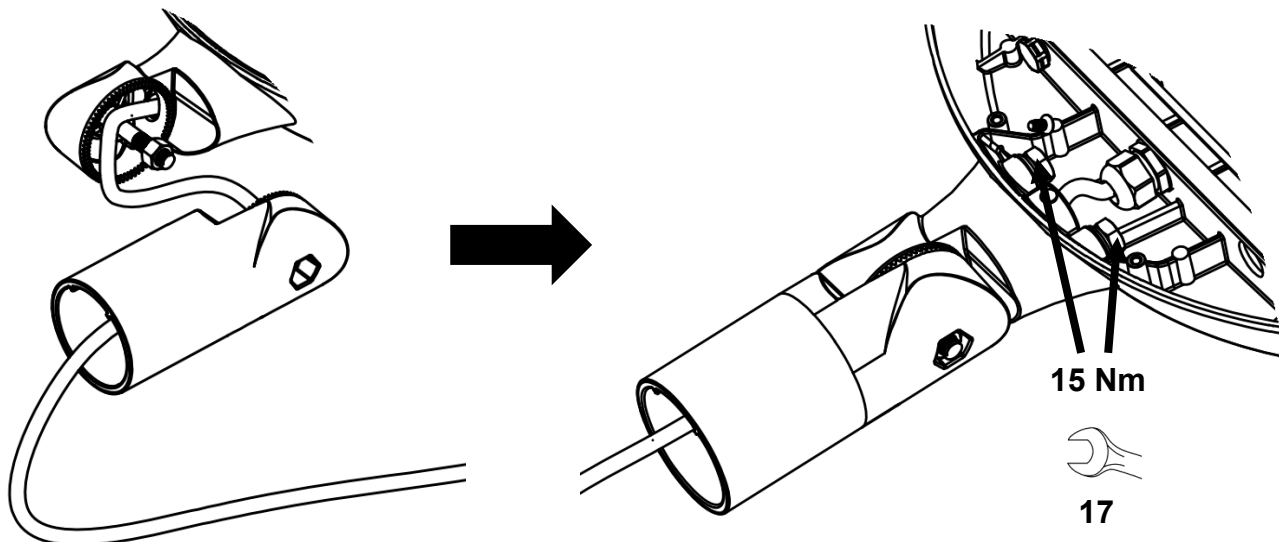
- ON/OFF 1 (L) = Ruskea, Brown, Brun
- AstroDIM 2 (N) = Sininen, Blue, Blå
- 3 (E)



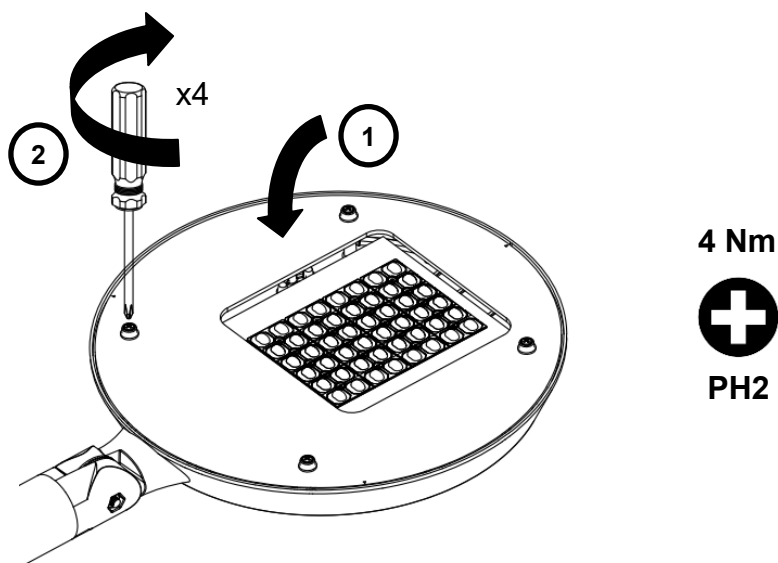
- DALI 1 (L) = Ruskea, Brown, Brun
- AstroDIM 2 (N) = Sininen, Blue, Blå
- 3 (E)
- 4 (D1) = Musta, Black, Svart
- 5 (D2) = Harmaa, Grey, Grå



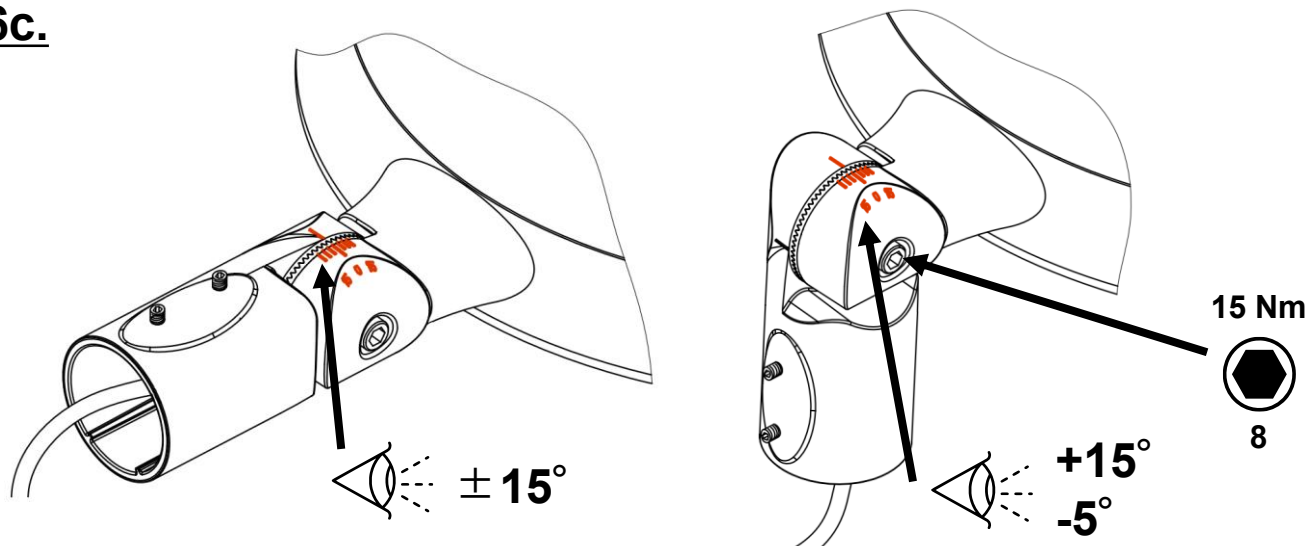
6a. S-type installation



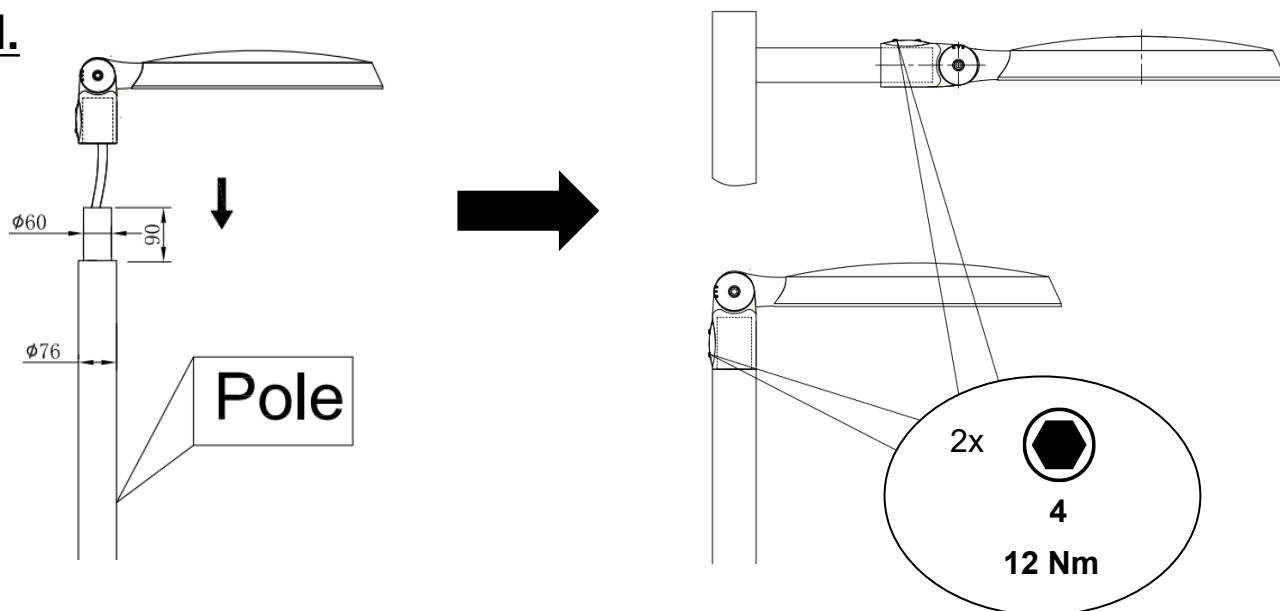
6b.



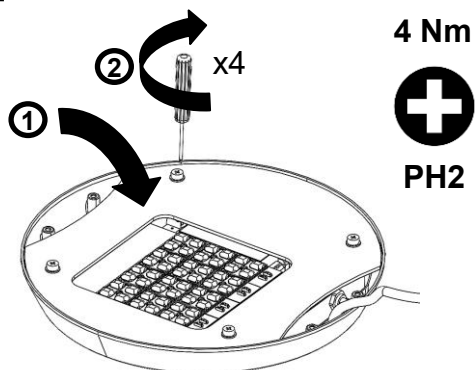
6c.



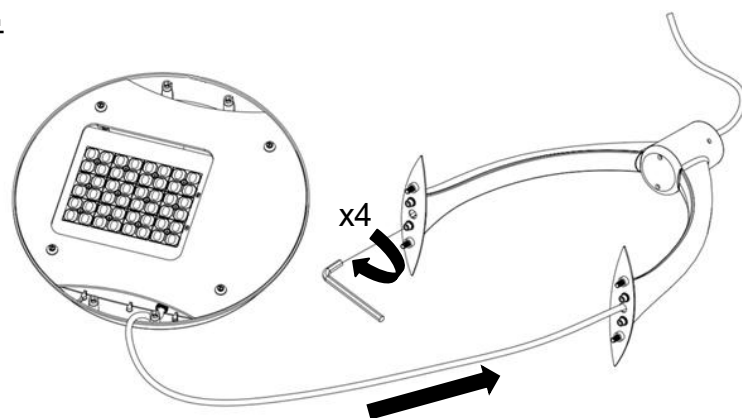
6d.



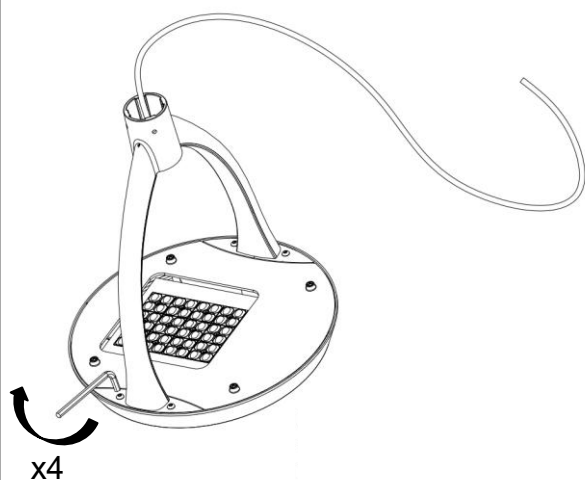
7a. Y-type installation



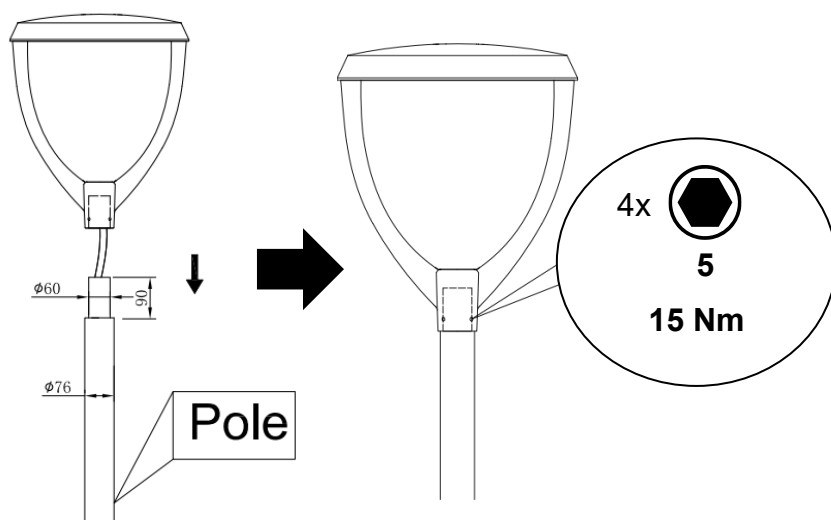
7b.



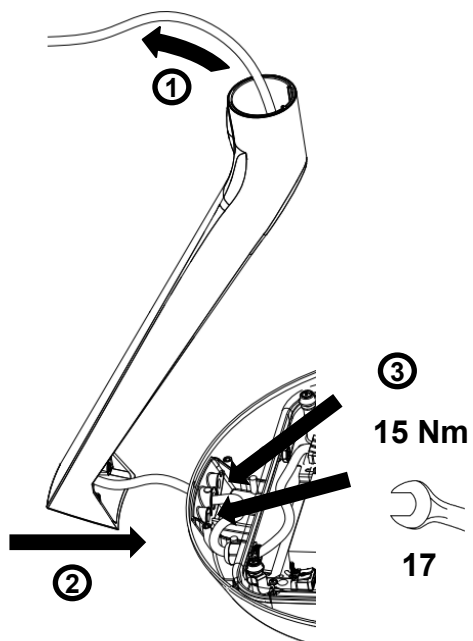
7c.



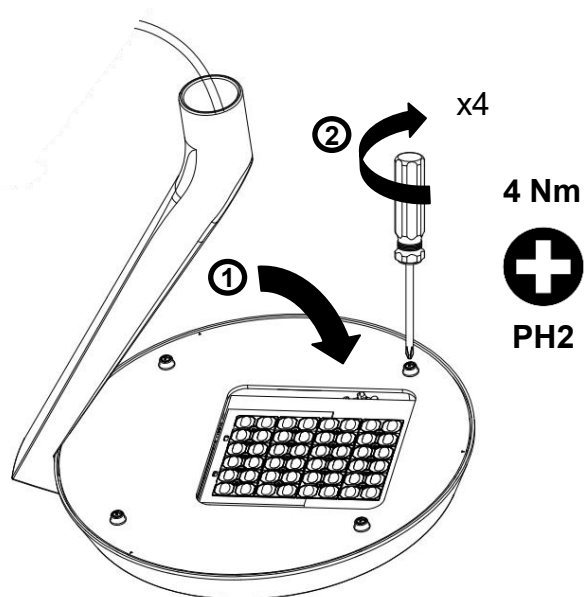
7d.



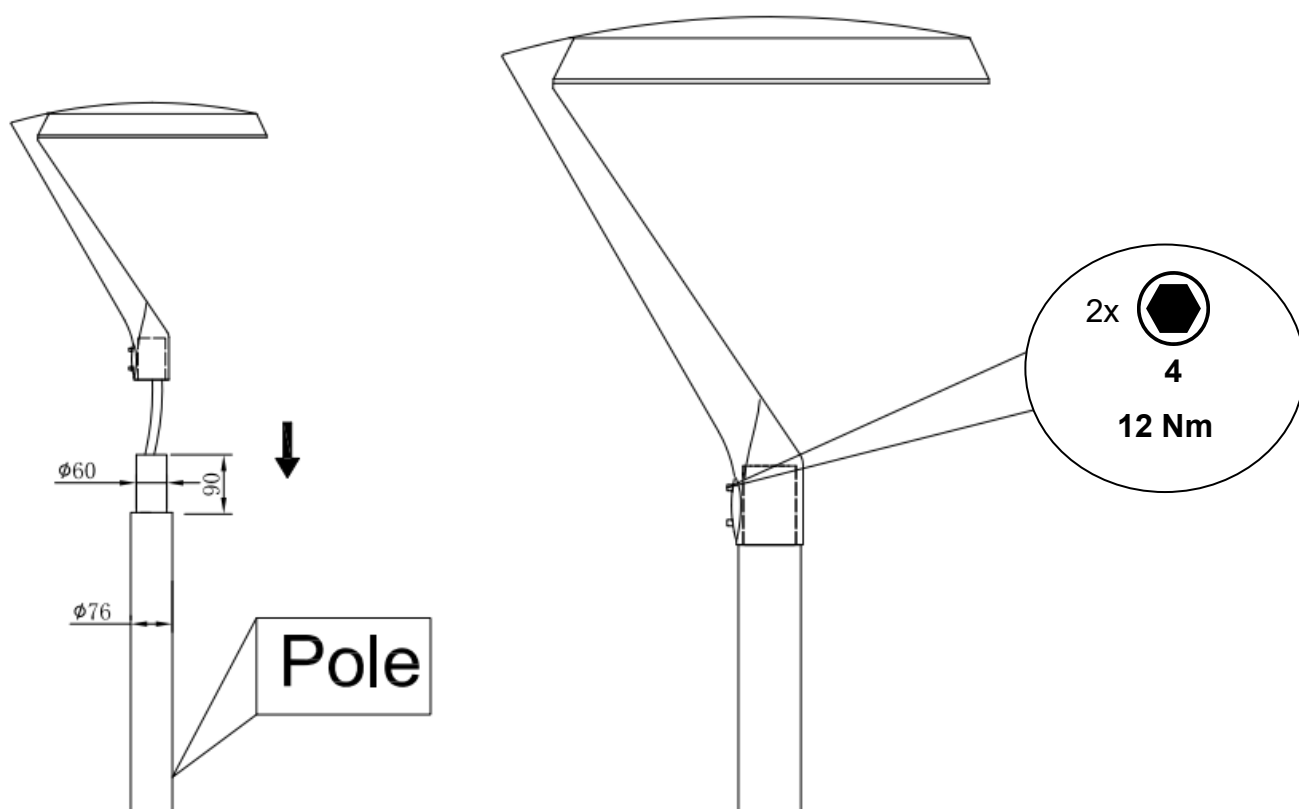
8a. J-type installation



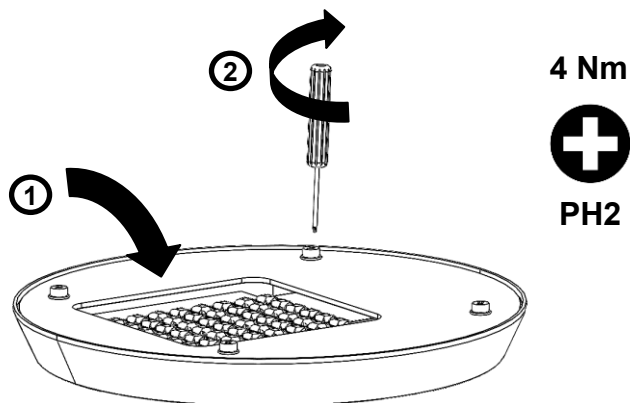
8b.



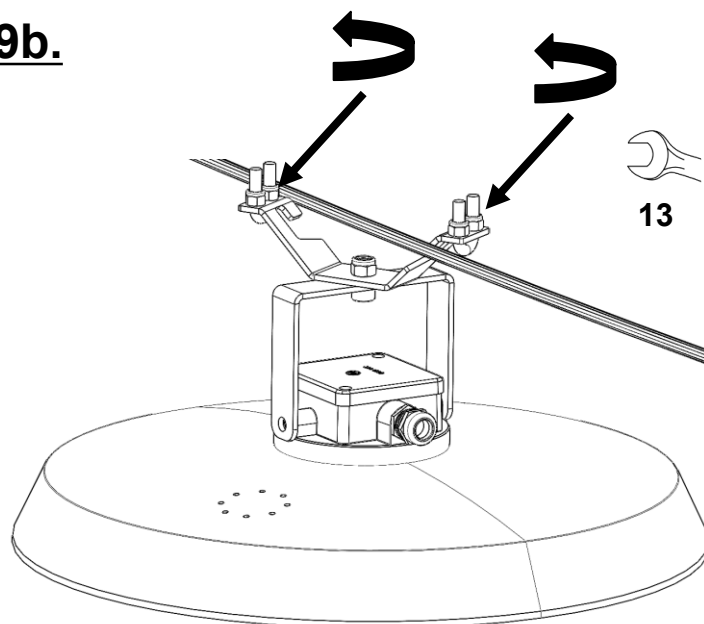
8c.



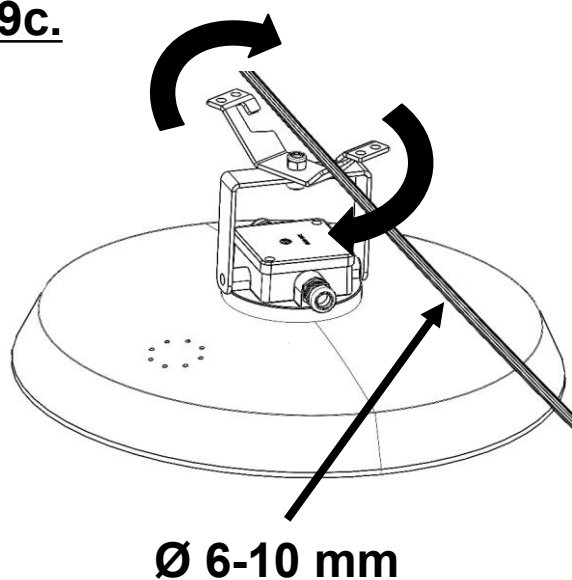
9a. W-type installation



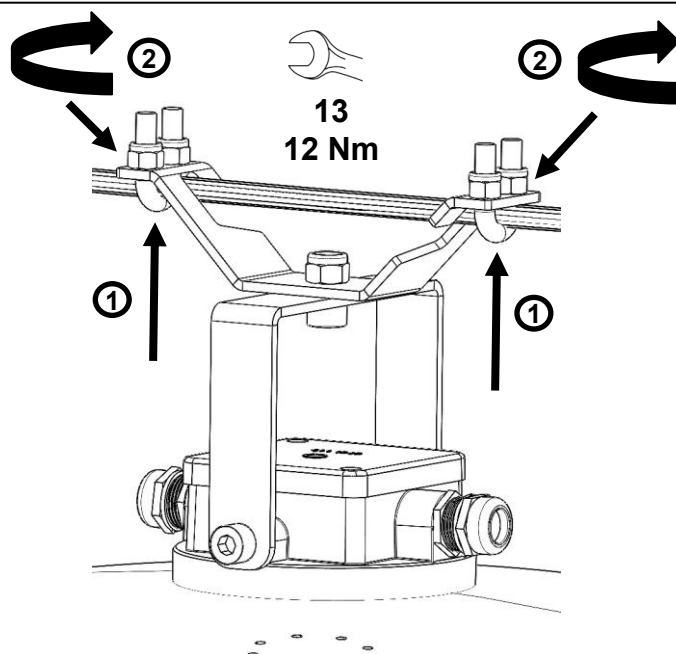
9b.



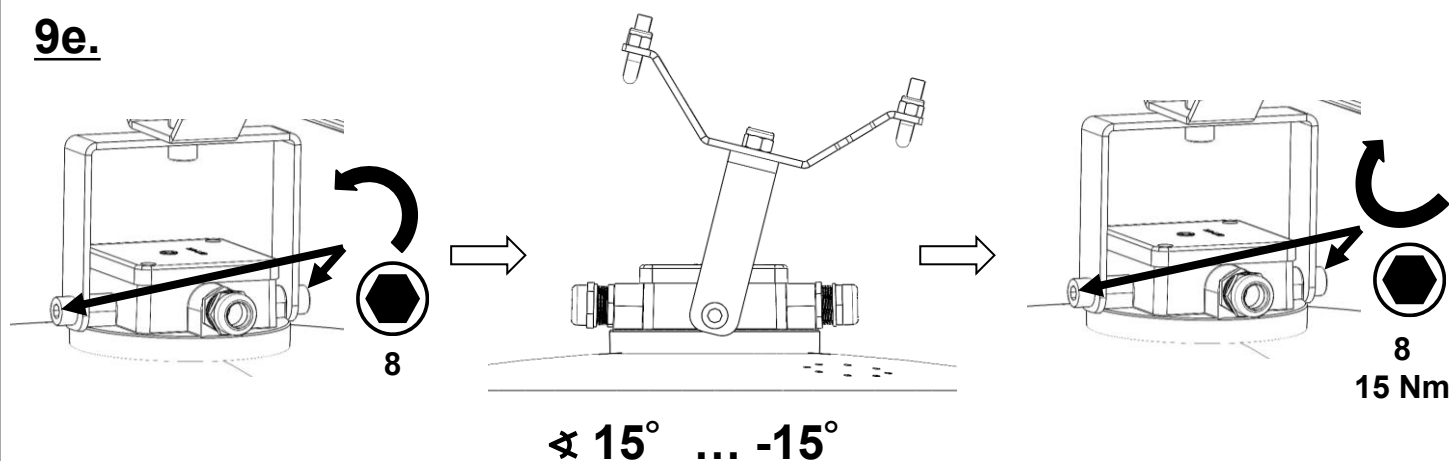
9c.



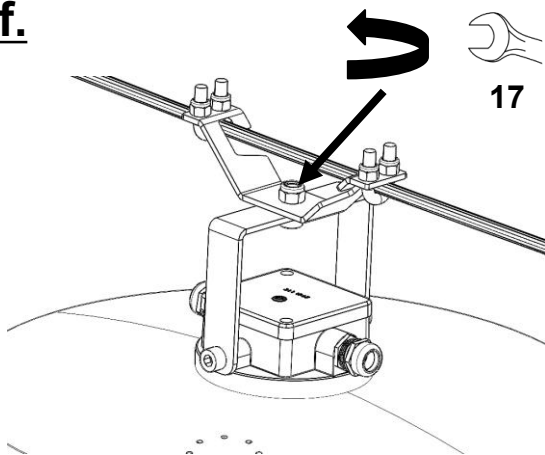
9d.



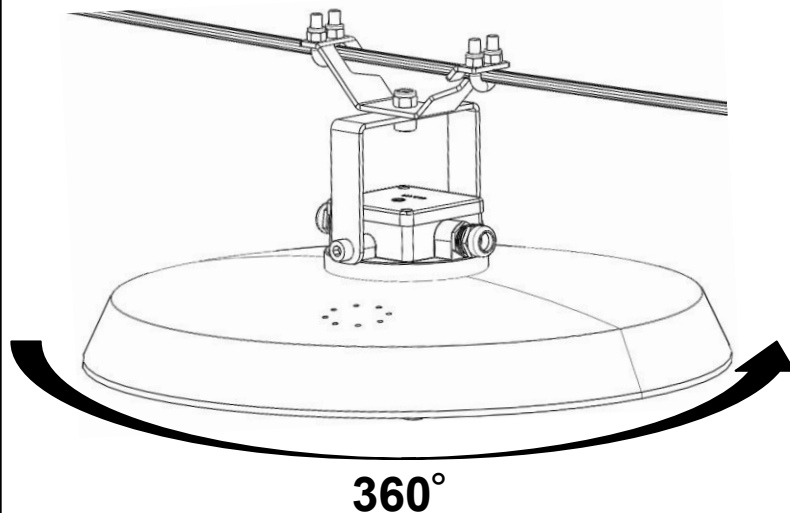
9e.



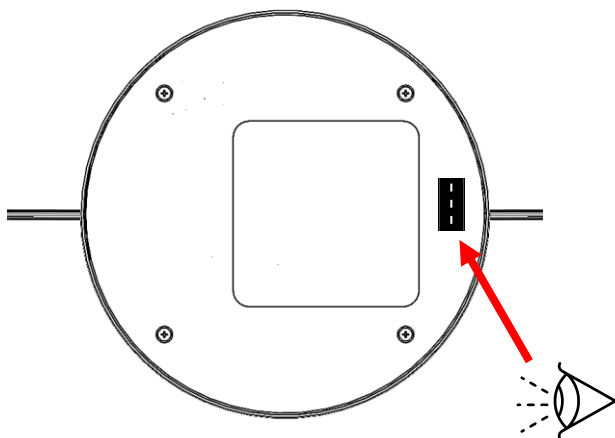
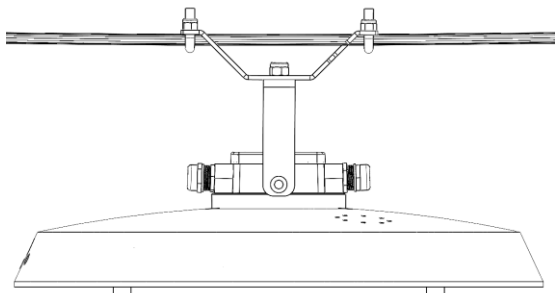
9f.



9g.

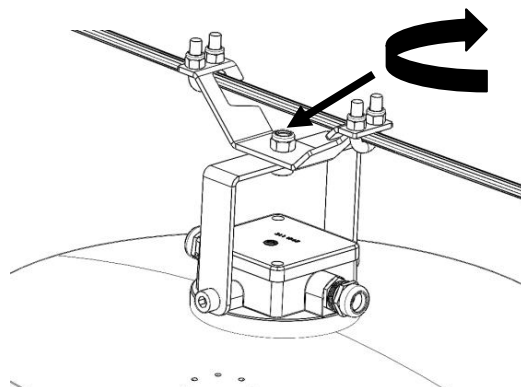


9h.



**Align the front
edge of the
luminaire parallel
to the road**

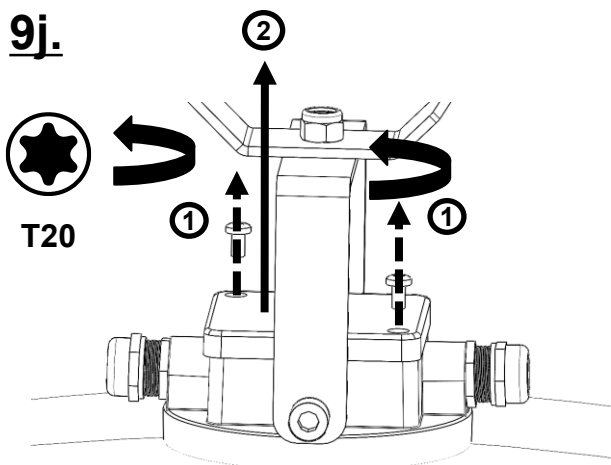
9i.



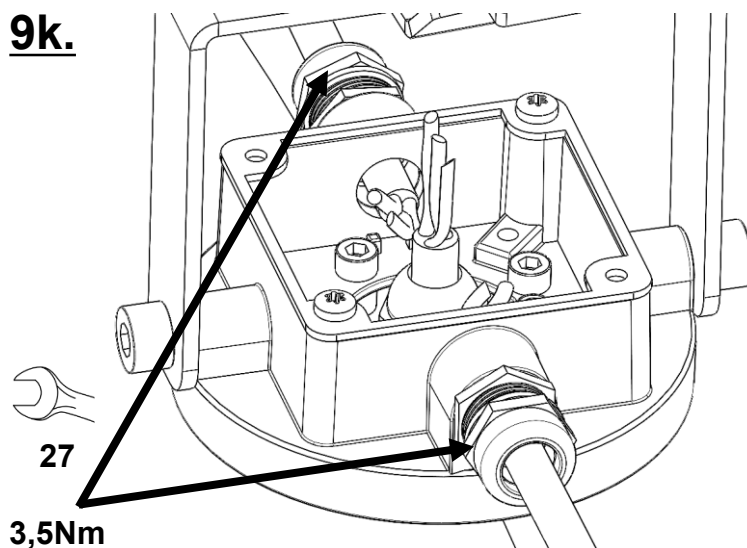
17

15 Nm

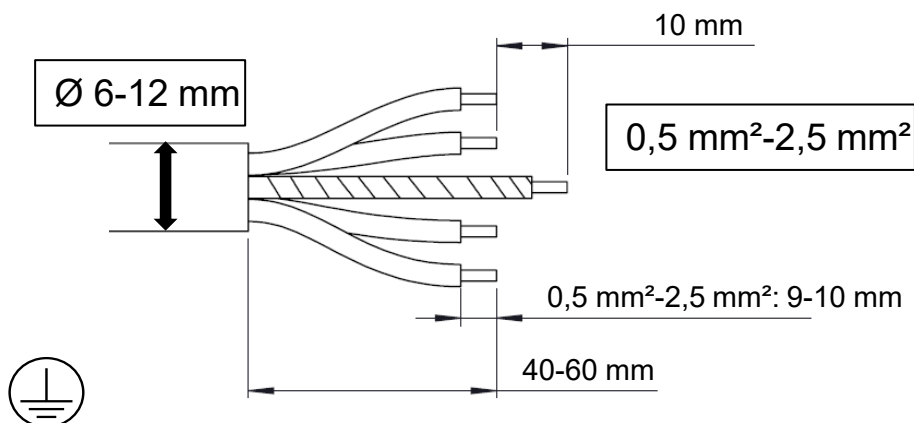
9j.



9k.



9l.

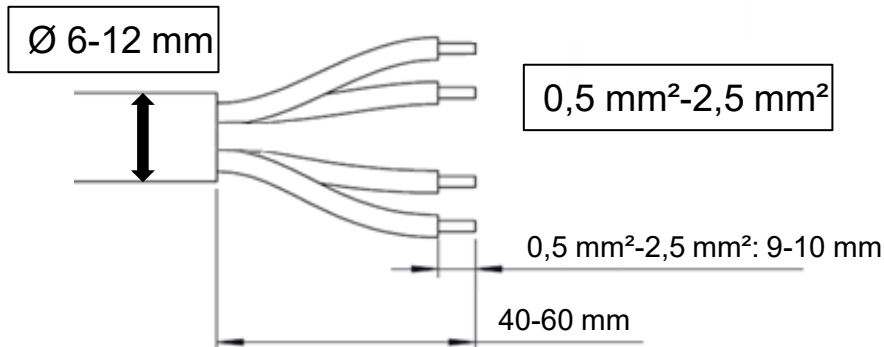


- ON/OFF L = Ruskea, Brown, Brun
- AstroDIM N = Sininen, Blue, Blå
- PE = Kelta-vihreä, Ground wire, Jordledning



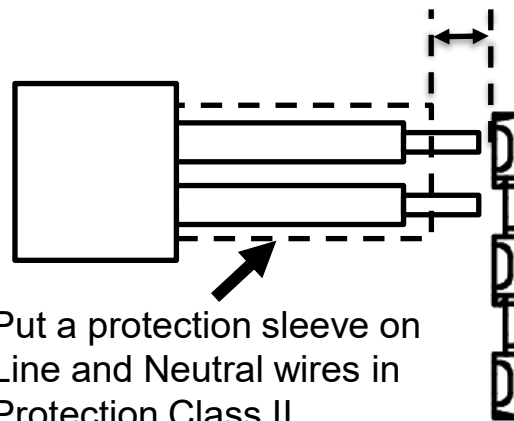
- DALI L = Ruskea, Brown, Brun
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- D1 = Musta, Black, Svart
- D2 = Harmaa, Grey, Grå

9m.



- ON/OFF 1 (L) = Ruskea, Brown, Brun
- AstroDIM 2 (N) = Sininen, Blue, Blå

≤ 2mm gap between connector edge and sleeve



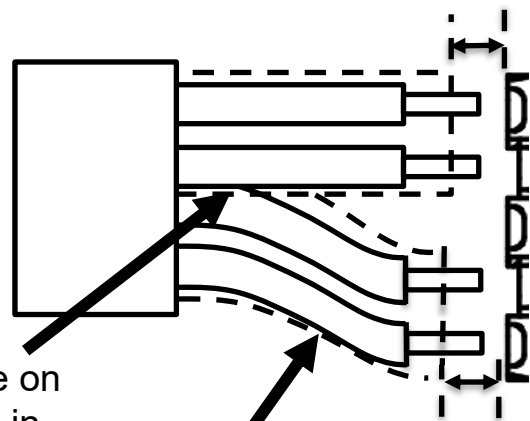
Put a protection sleeve on Line and Neutral wires in Protection Class II luminaire

≤ 2mm gap between connector edge and sleeve



- DALI 1 (L) = Ruskea, Brown, Brun
- AstroDIM 2 (N) = Sininen, Blue, Blå
- 4 (D1) = Musta, Black, Svart
- 5 (D2) = Harmaa, Grey, Grå

Put a protection sleeve on Line and Neutral wires in Protection Class II luminaire



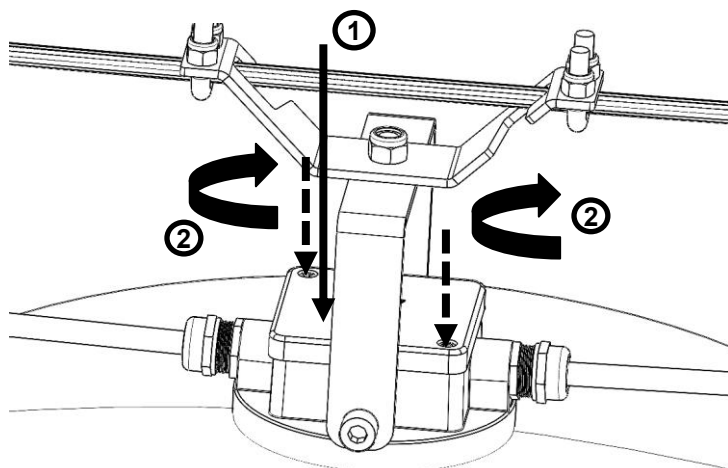
Put a protection sleeve on DALI wires in Protection Class II luminaire

≤ 2mm gap between connector edge and sleeve

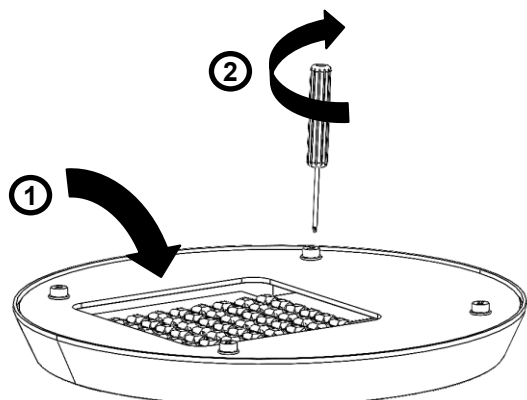
9n.



T20
2 Nm



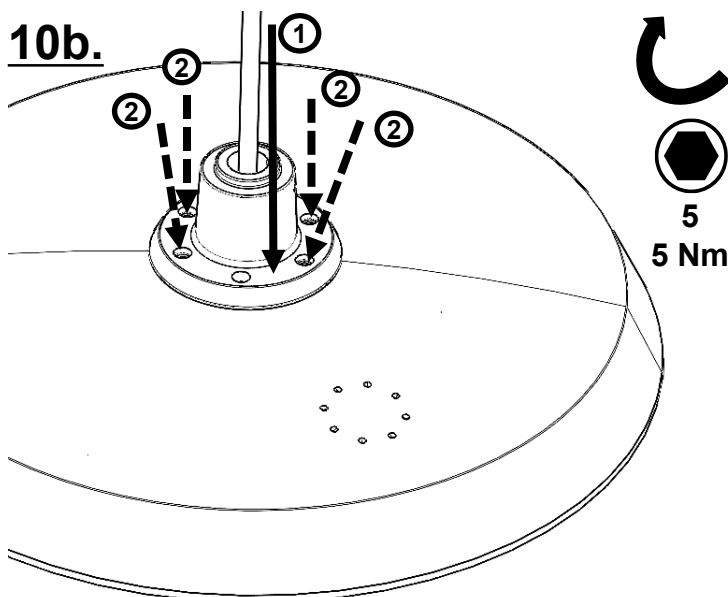
10a. W-type with thread bracket installation



4 Nm



10b.

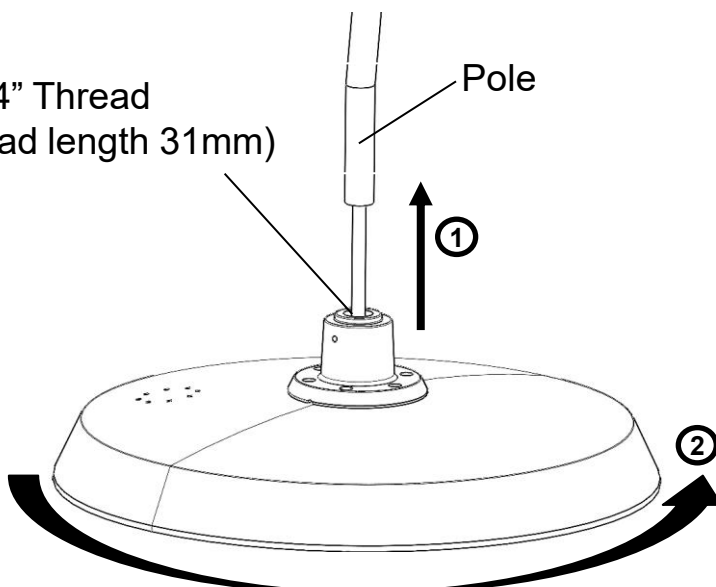


5
5 Nm

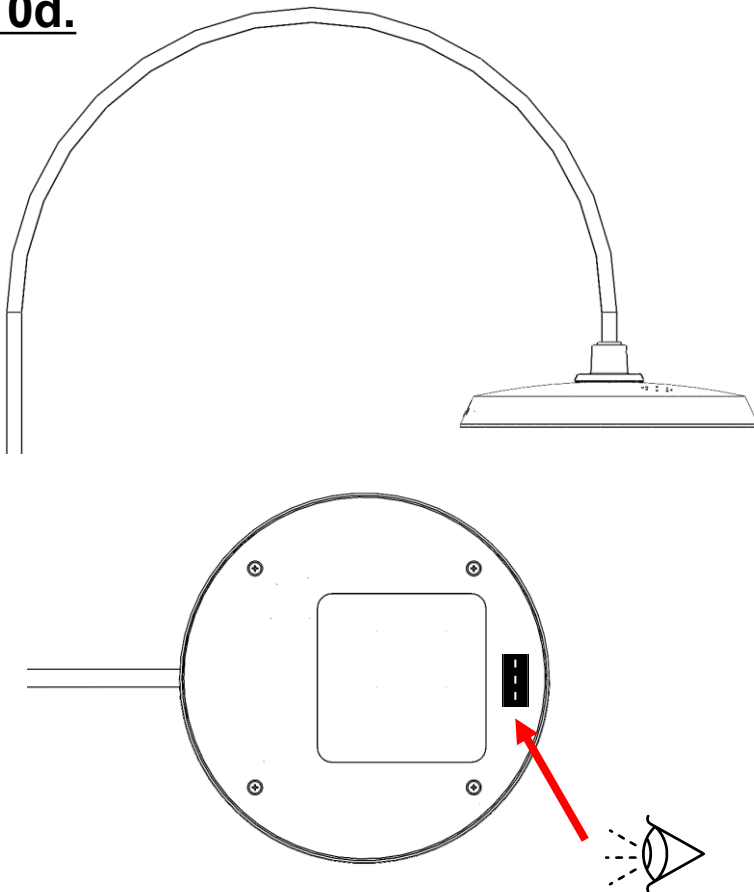
10c.

G 3/4" Thread
(thread length 31mm)

Pole



10d.



Align the front edge of the luminaire parallel to the road

10e.

