

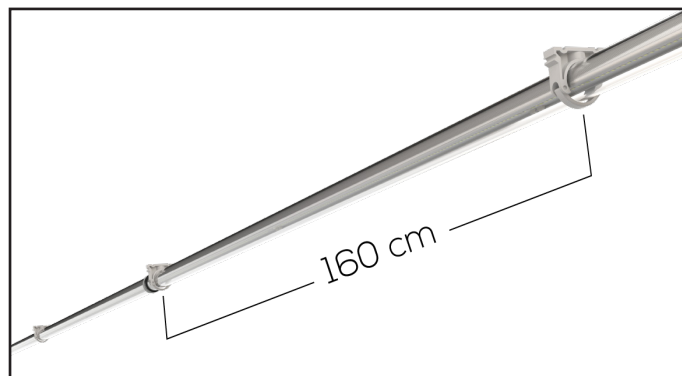
1. Mounting the DATALUX.AC

First, always count the materials received. Make sure that all the materials are there before the installation starts.



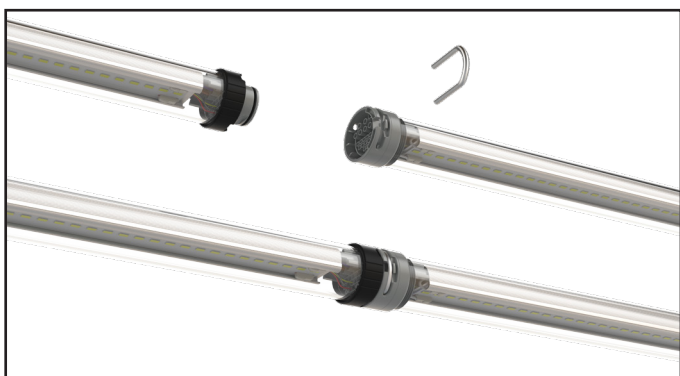
2. Installation of the mounting points

With regard to the dimensions, use a directive of 160 cm for marking the mounting points. (the first mounting point should be set 10 cm of the first fixture).



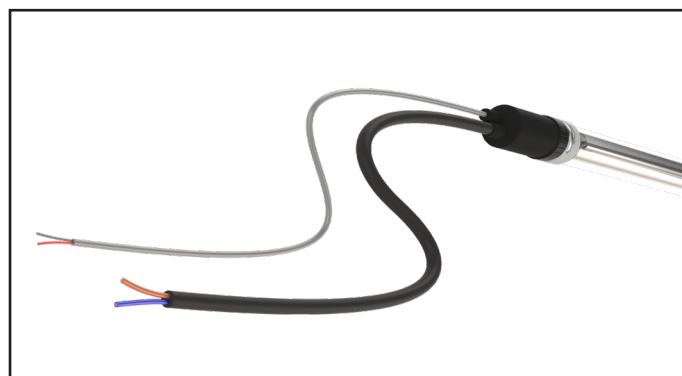
3. The DATALUX.AC connection

In order to connect the DATALUX.AC fixtures, the connectors must be put together. Subsequently, the metal U-Lock will be used to lock the connection. Point the fixtures straight down for the right projection on the floor.



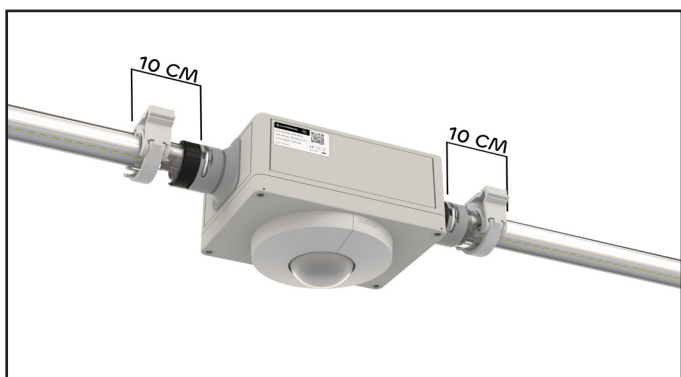
4. Connecting the PLUG.IN

Link the PLUG.IN to the first fixture with the connector being attached to the mains power supply. (Please refer to point 7 on the following page). This installation also applies to a PLUG.OUT.



5. DATALUX.AC TRONICS

Place the TRONIC between the two DATALUX.AC fixtures and secure both connections using U-Locks. Make sure to always install the two suspension points around 5 cm from the TRONIC.



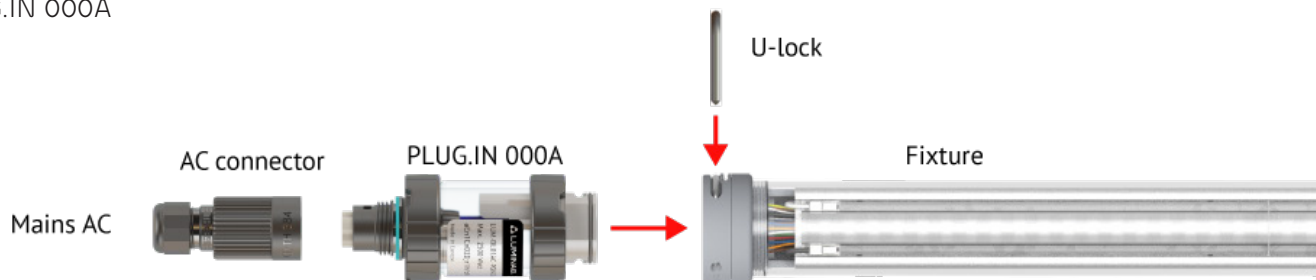
6. End of the light line

Lastly, a PLUG.END must be installed at the end of a DATALUX.AC fixture. To connect the fixtures to each other, a PLUG.OUT must be used.



7. Connection overview PLUG.IN (Also applies for PLUG.OUT)

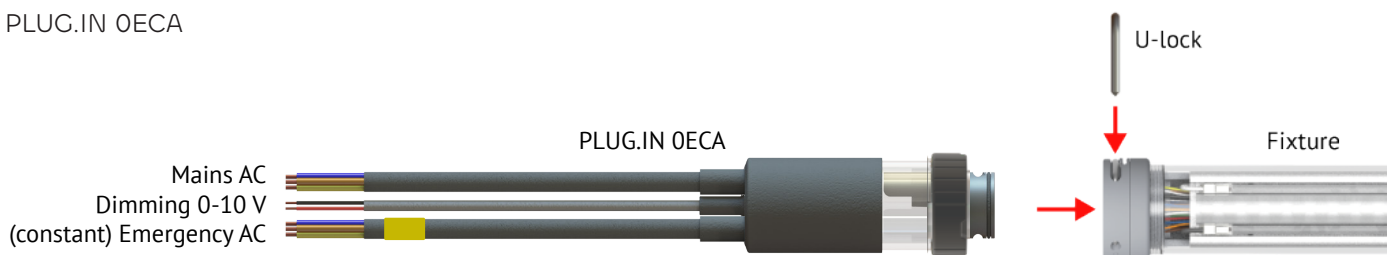
PLUG.IN 000A



PLUG.IN 000A connections

AC Connector		L	Line	With the supplied waterproof connector and the PLUG.IN 000A, the DATA LUX.AC light line can be connected to your installation. A ground wire is not N Neutral required for this system.
		N	Neutral	

PLUG.IN OECA



PLUG.IN OECA connections

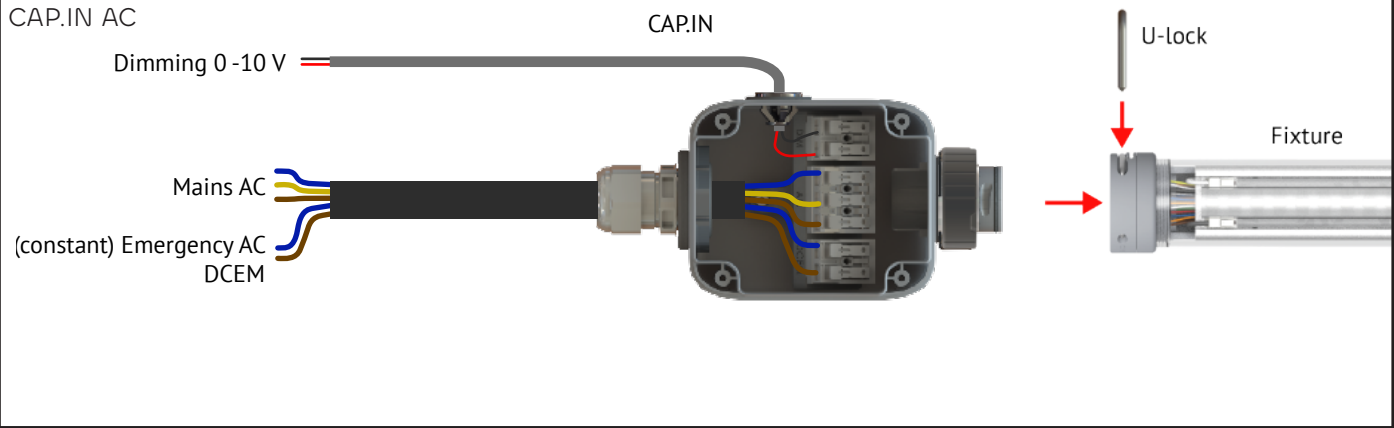
AC wire		L	Line	The light line can be connected to your installation via the PLUG.IN OECA mains power line. 2 x 2,5 mm ² (brown / blue).
		N	Neutral	

Dimming		D+	+ 0-10V (dimming)	Via the 2 x 0,25 mm ² (red/black).
		D-	- 0-10V (dimming)	

Emergency		L	Line	The DCEM TRONICS are constantly powered via the PLUG.IN OECA emergency AC wire. This allows the battery to be charged and the DCEM TRONIC will not turn on when the main lighting is turned off.
		N	Neutral	

Connecting PLUG.IN OECA

With the PLUG.IN OECA, it is important to cap all unused connections safely.
Also ensure the wires of unused cables never touch each other.



CAP.IN AC connection				
AC		L	Line	Via the 3-pin Wago connector.
		N	Neutral	
Dimming		D+	+ 0-10V (dimming)	Via the 2-pin Wago connector.
		D-	- 0-10V (dimming)	
Emergency AC		L	Line	The DCEM TRONICS are constantly powered via the 2-pin Wago connector. This allows the battery to be charged and the DCEM TRONIC will not turn on when the main lighting is turned off.
		N	Neutral	



This installation guide provides you with a handy help when installing the DATALUX light line systems. The content of the manual must therefore be known to everyone who will work on the DATALUX before starting installation work.



In addition to this manual, the personnel who will install the DATALUX must have followed an electro technical training and be authorized to perform installation work. The employer / contractor must ensure that his personnel and / or employees of installation companies meet the above conditions. Despite the fact that this manual has been compiled with the utmost care, it may happen that you find an unsafe situation that is not described in this manual. Winterwarm requests that you mention this.

In spite of the fact that safety constantly has our attention and we try to prevent dangerous situations as much as possible, it remains impossible to make work totally risk-free. The safety instructions described in this document must always be read and strictly observed in combination with the safety regulations that apply within your company and / or on the construction site! Make sure that you are always alert to unexpected situations. One moment of negligence can have far-reaching consequences. Read all instructions carefully and inform the employer / contractor if there are any uncertainties.



- Do not lay down the modules and connecting materials on the work floor in such a way that people can fall over or trip over.
- Never leave the modules and connection materials unattended on a scaffold so that they can fall down.
- Do not leave packaging materials on the shop floor to allow people to fall over or stumble, but dispose of them directly in the designated waste container.
- Do not dispose of cut pieces of cable on the work floor, but in the appropriate waste container.

If the following warnings, safety instructions and instructions are not followed, this can result in serious or fatal personal injury and (irreparable) damage to the DATALUX system.

- **The DATALUX may only be installed by a recognized installer.**
- **Switch off the general mains power before working on the system. Make sure that the power can not be switched on accidentally. Cover switches and provide them with a safety label.**
- **Only use well insulated tools and use the tool for the purpose for which it was made!**
- **Ensure that sufficient daylight is available or use mobile lighting.**
- **Make sure that your connections (phase (s), ground and neutral) do not change when connected, this creates a life-threatening situation!**
- **Make sure that the electrical supply corresponds to the voltage and current required for the DATALUX on the product label.**
- **When connecting the DATALUX refer to the connection overview in this manual and observe the locally applicable legal connection conditions (eg in the Netherlands: NEN1010).**