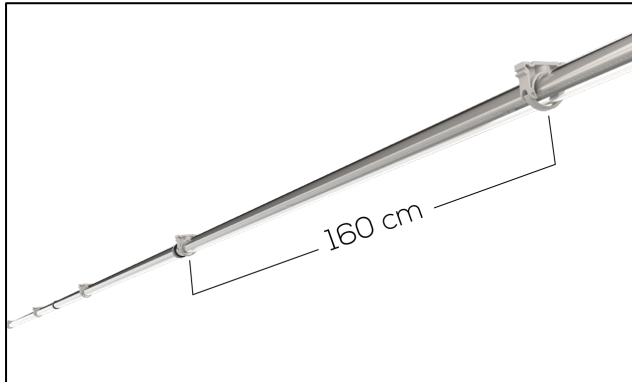


QUICK START

1. Mounting the DATALUX.IQ

Only attach the DATALUX.IQ system with the appropriate mounting brackets. Mount these mounting brackets directly against the ceiling or with a steel cable, chain or threaded rod. Then click the fixtures in these mounting brackets. When mounting the DATALUX.IQ fixtures, a mounting bracket must be attached every 1.6 meters (maximum). Make sure you mount the fixtures as straight as possible with the lenses downwards for the best light distribution.



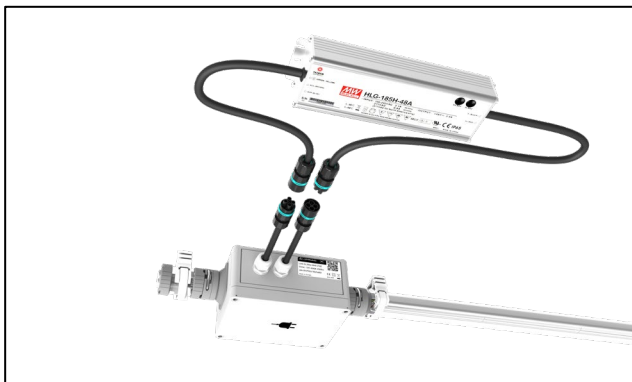
2. The DATALUX.IQ connection

To connect the DATALUX.IQ fixtures, the connectors must be pushed into each other. Then the metal U-lock will be used to lock the connection.



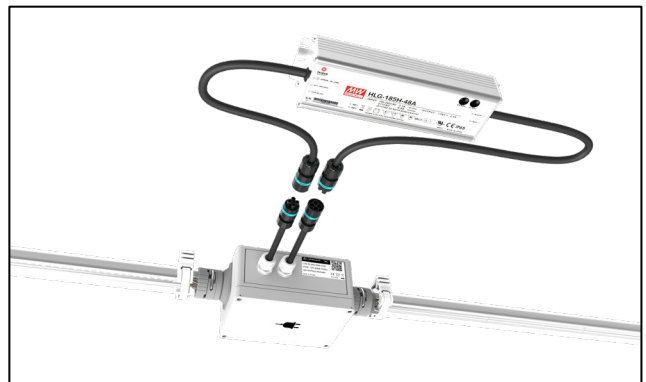
3. The DATALUX.IQ CAP.IN

Use the CAP.IN to supply the DATALUX.IQ luminaires with power and other connections. Mount the CAP.IN on the light line using an U-lock and fix it with a mounting bracket to the building construction. Then connect the AC power supply.



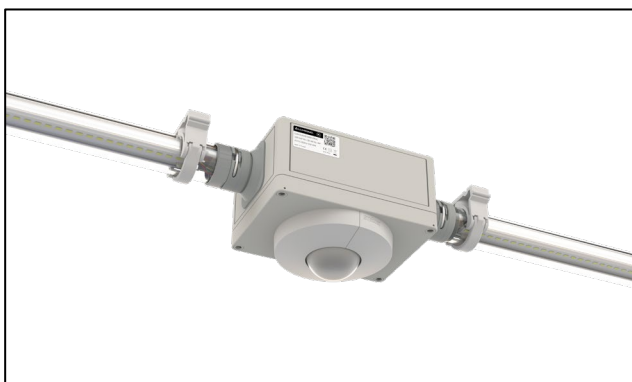
4. The DATALUX.IQ CAP.LOOP

Use the CAP.LOOP to supply extra long light lines with power. Place the CAP.LOOP between two DATALUX.IQ fixtures and secure both connections using U-lock's. Then connect a LUX series power supply to the CAP.LOOP.



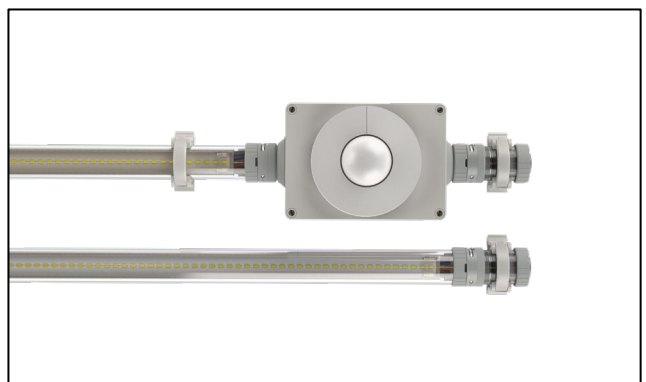
5. Installation of IQ.TRONICS

To place an IQ.TRONIC between a light line, connect the connectors and secure the connections with U-locks. Mount the mounting brackets at about 3 cm from the TRONIC.

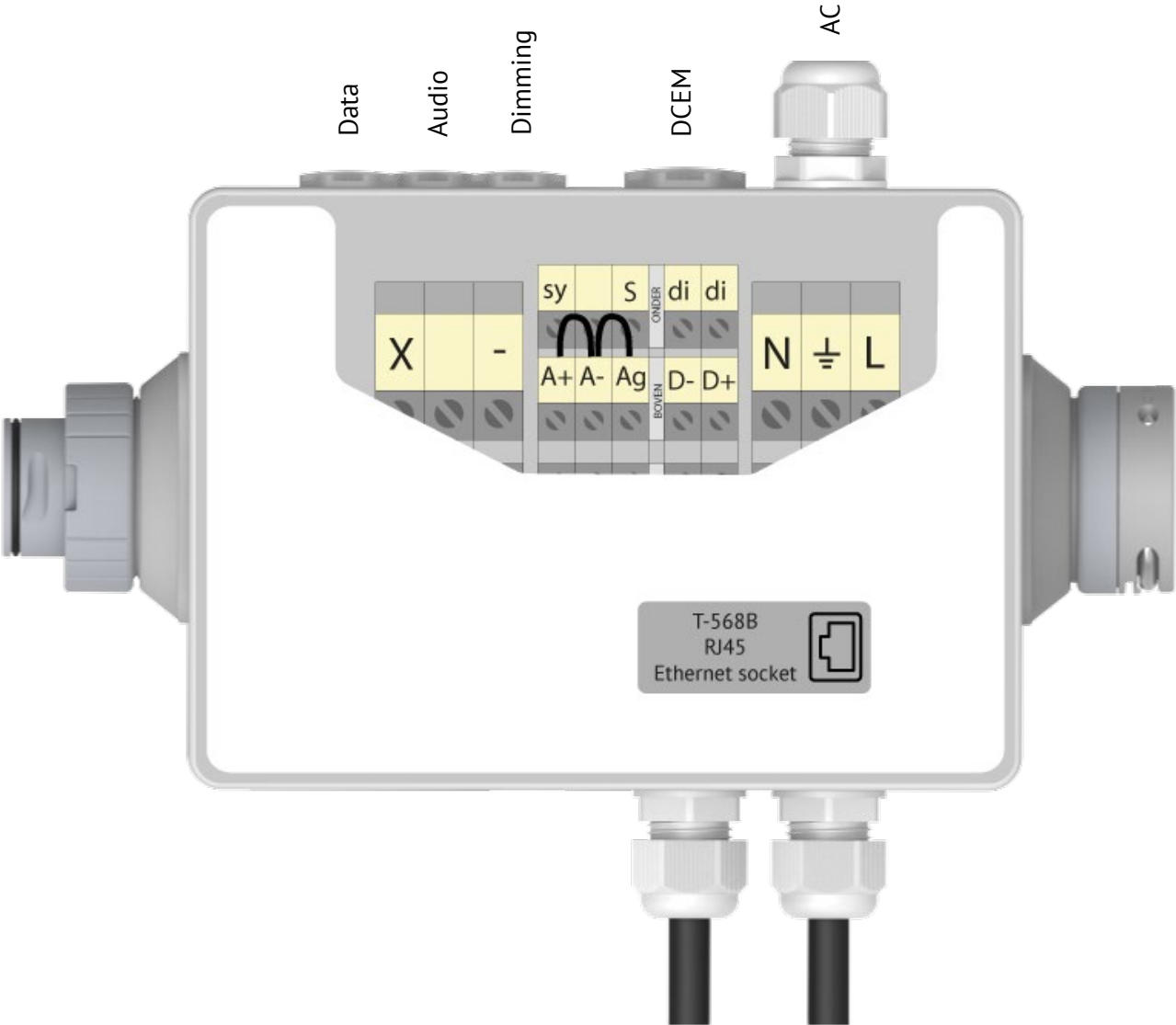


6. End of the light line

A PLUG.END is placed at the end of the DATALUX.IQ light line. When a TRONIC is placed at the end of the light line you can also close the line with a PLUG.END. This ensures a dust and waterproof seal and also an extra suspension option.



7. Connection overview CAP.IN




230 Vac input

L	Line	
PE	Ground	
N	Neutral	

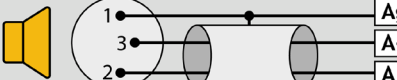
Light control

D+	Dim +	0-10V	
D-	Dim -	0-10V	
di	digital interface		
di	digital interface		

0%  100%

Audio

Ag	Audio ground	[XLR pin 1]
A-	Balanced audio -	[XLR pin 3]
A+	Balanced audio +	[XLR pin 2]




Emergency light function

-	DCEM Powerbank -	
x	DCEM Powerbank +	

DCEM Powerbank 

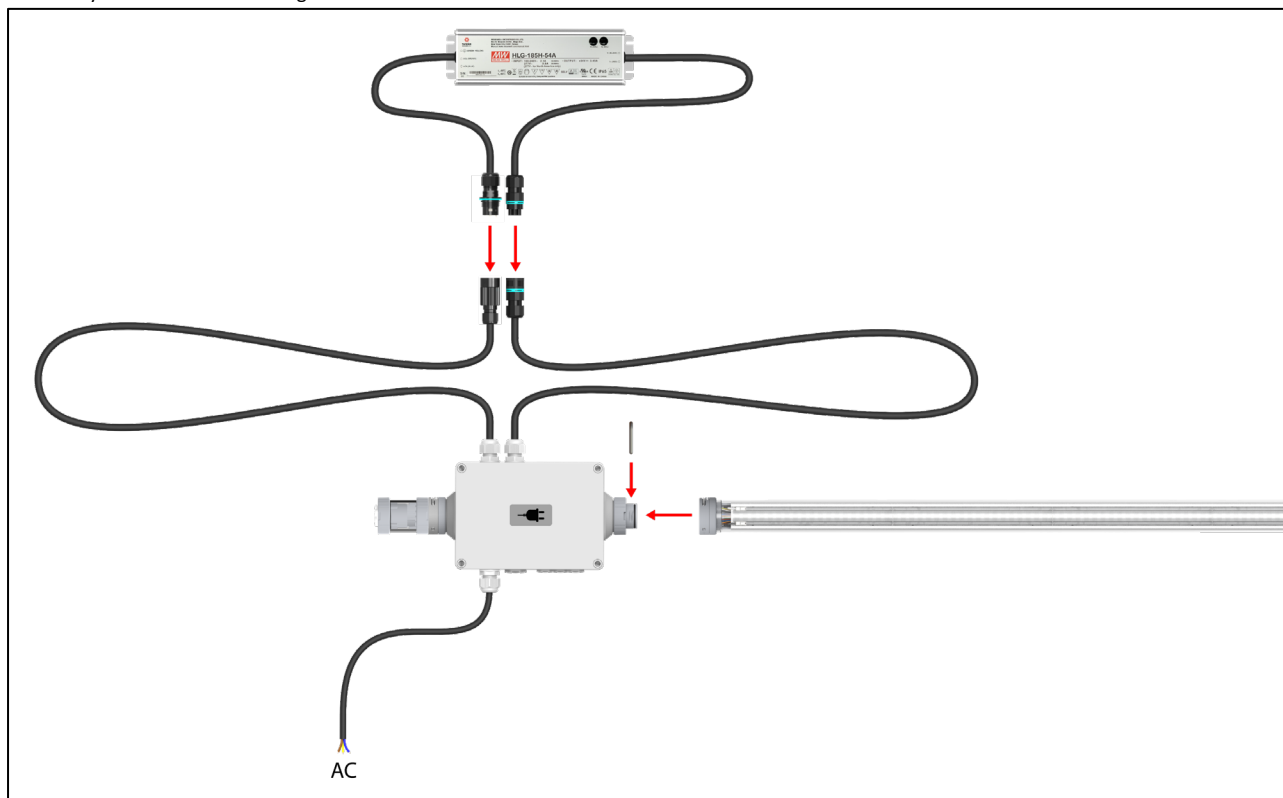
Ethernet

RJ45	[T-586B]
S	Shield



8. Connection via CAP.IN

Below you can see how the light line is connected via a CAP.IN.



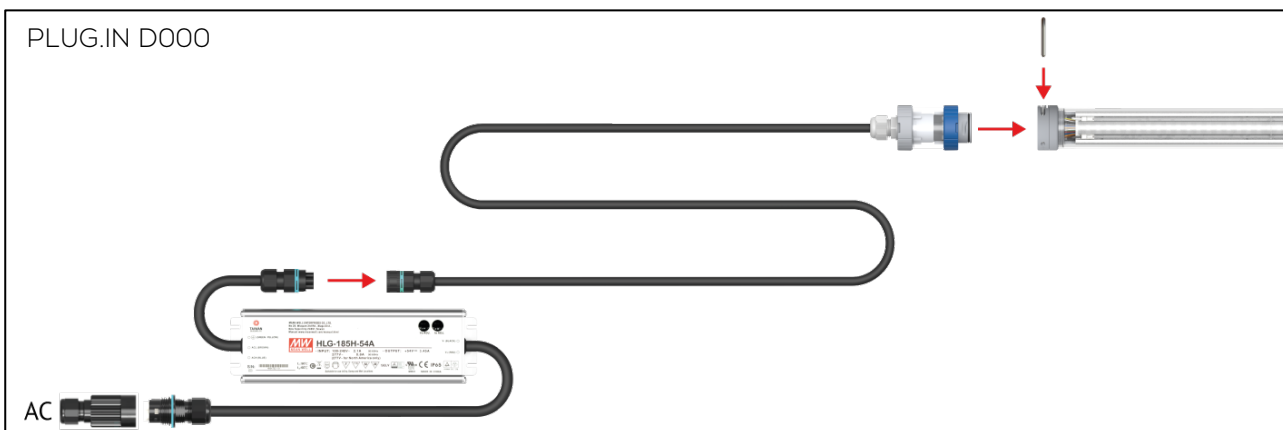
9. Connection without data / audio

If there are also light lines in the installation without data and / or audio, you can choose to connect these with the PLUG.IN D000 or the PLUG.IN DECA instead of the CAP.IN.

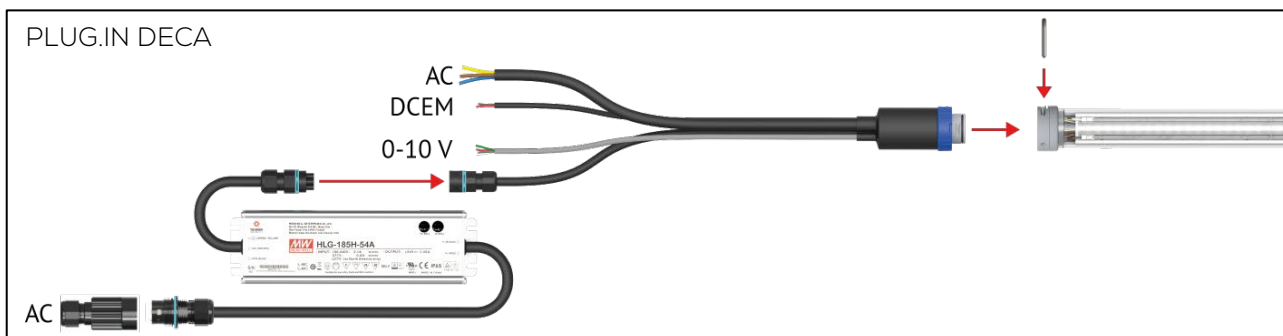
Below you can see how these are connected.

For a detailed explanation of the DATALUX.LT system, see the DATALUX.LT Quick start.

PLUG.IN D000



PLUG.IN DECA





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



In addition to this manual, the personnel who will install the DATALUX.IQ 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.

Luminaid B.V. 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 them.
- 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.IQ system.

- **The DATALUX.IQ may only be installed by a recognized installer.**
- **Switch off the general mains power before working on the system. Make sure that the power cannot 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.IQ on the product label.**
- **When connecting the DATALUX.IQ, refer to the connection overview in this manual and observe the locally applicable legal connection conditions (eg in the Netherlands: NEN 1010).**