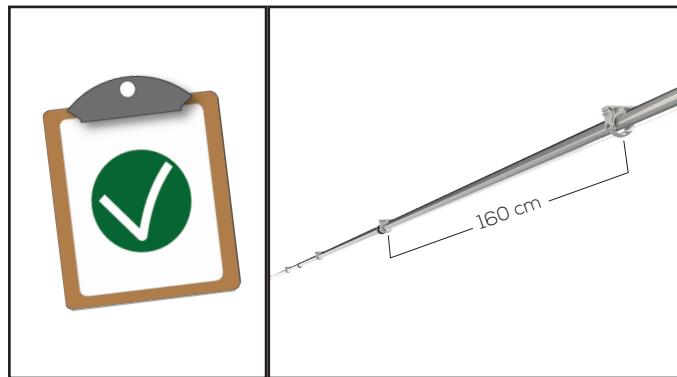


1. The installation of the DATALUX.LT

Always count the materials received. Make sure that all the materials are there before the installation starts. Secure the DATALUX.LT system only with the appropriate mounting brackets. Install these mounting brackets directly to the ceiling or with a steel cable, a chain or a threaded rod. Subsequently, click these fixtures into these mounting brackets. When hanging the fixtures, make sure that the mounting brackets are being attached per a maximum of 1.6 metres. Please note that the lamp must be installed as straight as possible with the lenses down in order to ensure the best light distribution.



3a. Connecting the PLUG.IN D000

If you would not like to use extra functionalities such as; dim control, TRONICS and/or CAP.LOOPs then the light line can be connected with the PLUG.IN D000. This PLUG.IN.D000 should be connected to the first fixture with the connector to the LUX series power supply (Please refer to the next page).



4. DATALUX.LT CAP.LOOP and/or TRONICS

Use the CAP.LOOP to provide the extra-long light lines with electricity. Place the CAP.LOOP in between two DATALUX.LT fixtures and secure these by using U-Locks. Then, connect the LUX series power supply to the CAP.LOOP.



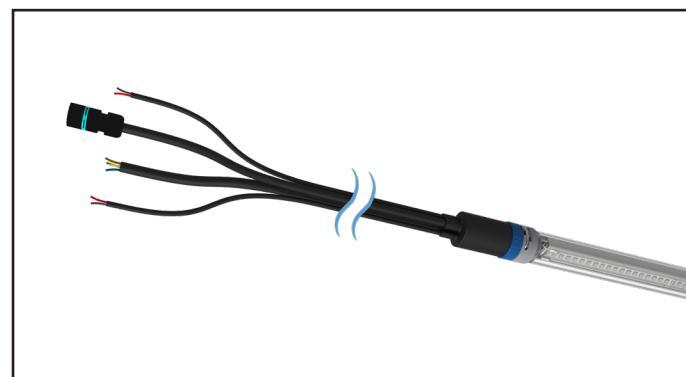
2. The DATALUX.LT connection

In order to connect the DATALUX.LT fixtures, the connectors must be put together. Subsequently, the metal U-Lock will be used to lock the connection.



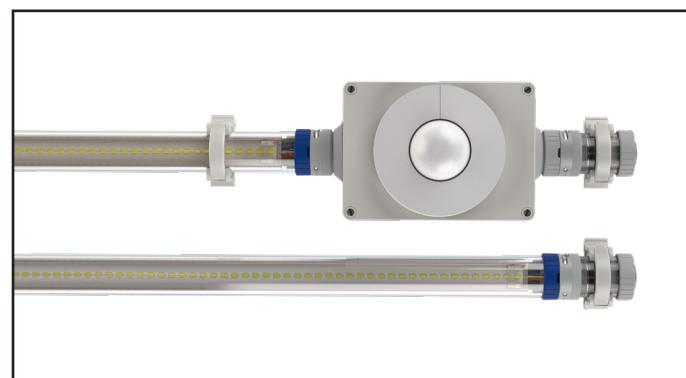
3b. Connecting the PLUG.IN DECA

If you would like to make use of the extra functionalities such as; dim control, TRONICS and/or CAP.LOOPs then you should use the PLUG.IN DECA. The connector for the LUX series power supply is already pre-assembled, the rest should be installed by yourself / your team (please refer to the next page).



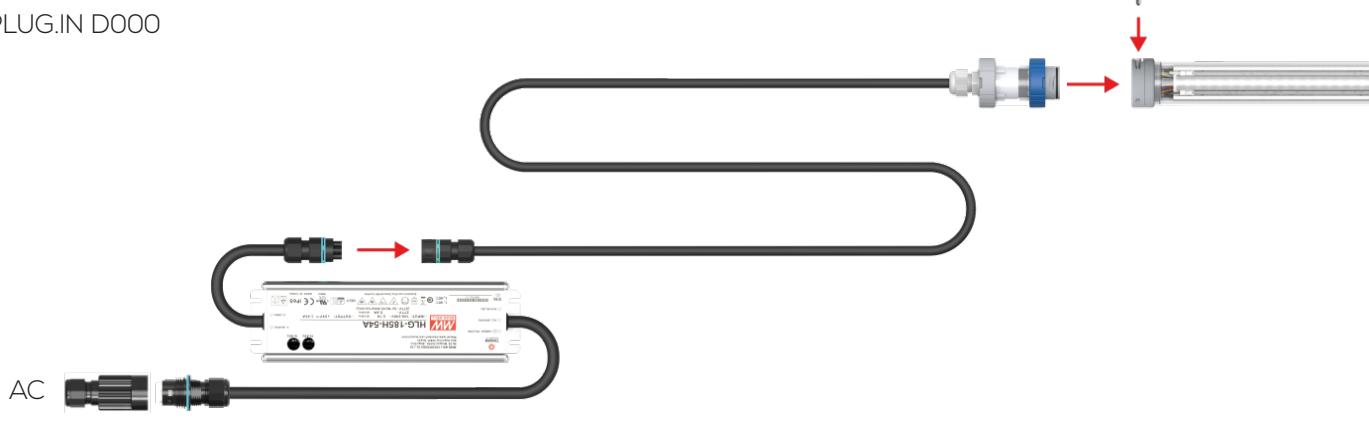
5. End of the light line

A PLUG.END must be installed at the end of the DATALUX.LT light line. There is also the possibility to end the light line with a PLUG-END when you make use of a TRONIC. This will ensure a dust-free and waterproof seal as well as extra hanging options.

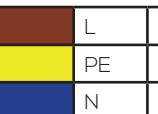


6. Connection overview PLUG.IN

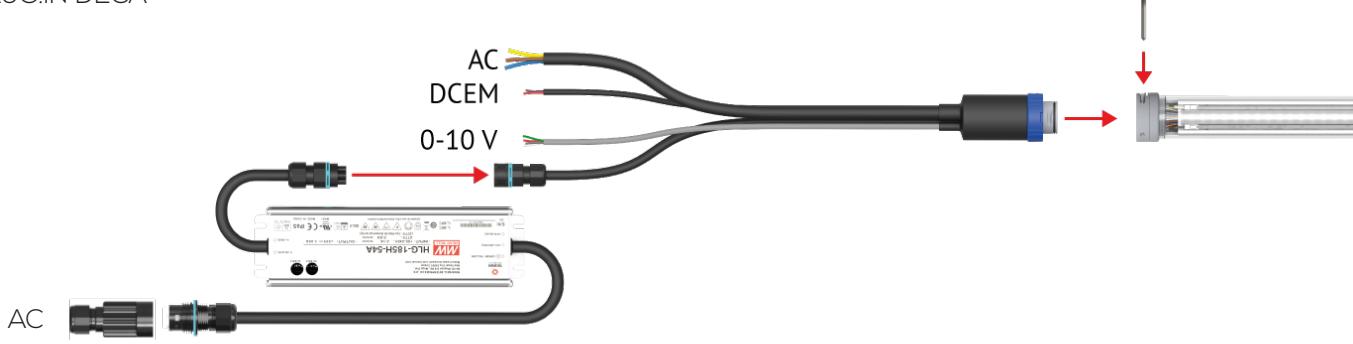
PLUG.IN D000



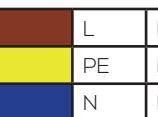
PLUG.IN D000 connections

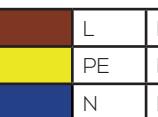
AC LUX series power supply		L	Line	The LUX series power supply can be connected to your installation via the supplied waterproof connector.
		PE	Earth	
		N	Neutral	

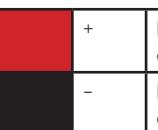
PLUG.IN DECA



PLUG.IN DECA connections

AC first LUX series power supply		L	Line	The first LUX series power supply can be connected to your installation via the supplied waterproof connector.
		PE	Earth	
		N	Neutral	

AC transit for CAP, LOOPs and TRONICS		L	Line	Via the 3 x 2,5 mm ² .
		PE	Earth	
		N	Neutral	

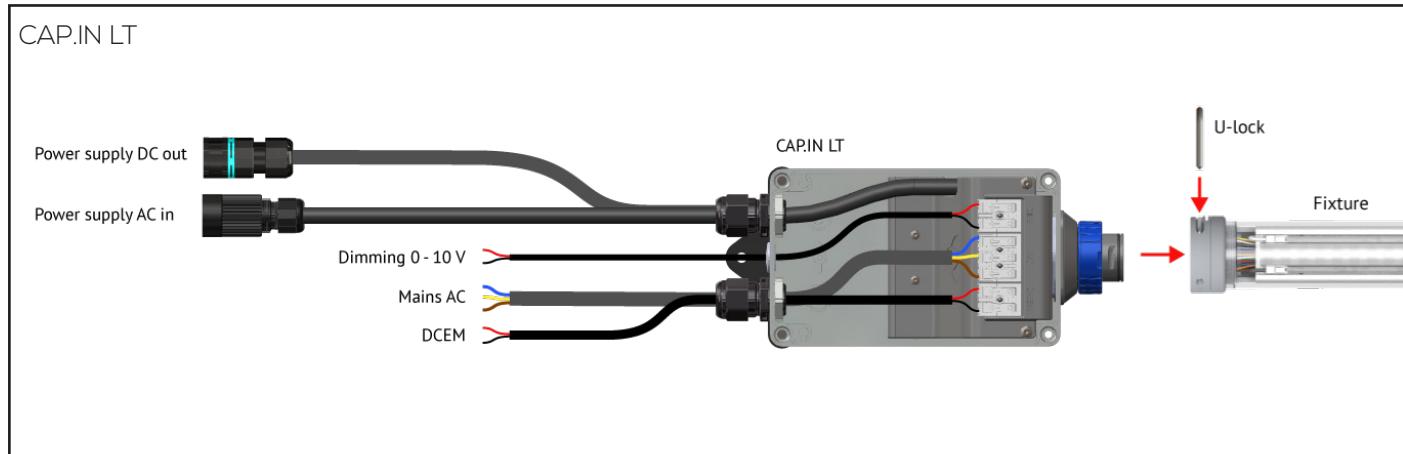
DCEM		+	DCEM powerbank + connection	Via the 2 x 1,5mm ² (red/black).
		-	DCEM powerbank - connection	

Dimming		D+	+ 0-10V (dimming)	Via the 4 x 0,25mm ² (redd/black).
		D-	- 0-10V (dimming)	

Connecting PLUG.IN DECA

With the PLUG.IN DECA, it is important to cap all unused connections safely.

Also ensure the wires of unused cables never touch each other.



CAP.IN LT connections

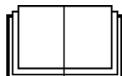
AC		L	Line	Via the 3 x 2,5 mm ² .
		PE	Earth	
		N	Neutral	

DCEM		+	DCEM powerbank + connection	Via the 2 x 1,5mm ² (red/black).
		-	DCEM powerbank - connection	

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



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. 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.
- 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).**

© 2022 LUMINAID

All rights reserved. No part of this installation manual may be reproduced and / or published by means of print, photocopy, microfilm or in any form whatsoever, without the written permission of Luminaid BV. This also applies to any drawings, diagrams and other attachments supplied. The information in this manual is based on the most recently known data. Luminaid BV reserves the right to change / improve parts at any time without prior or direct notification to the customer. The contents of this installation manual can also be changed without prior notification. This installation manual has been compiled with great care. Despite this care, Luminaid BV can not accept responsibility for errors in this installation manual or for the consequences of such errors.

www.luminaid.eu/en