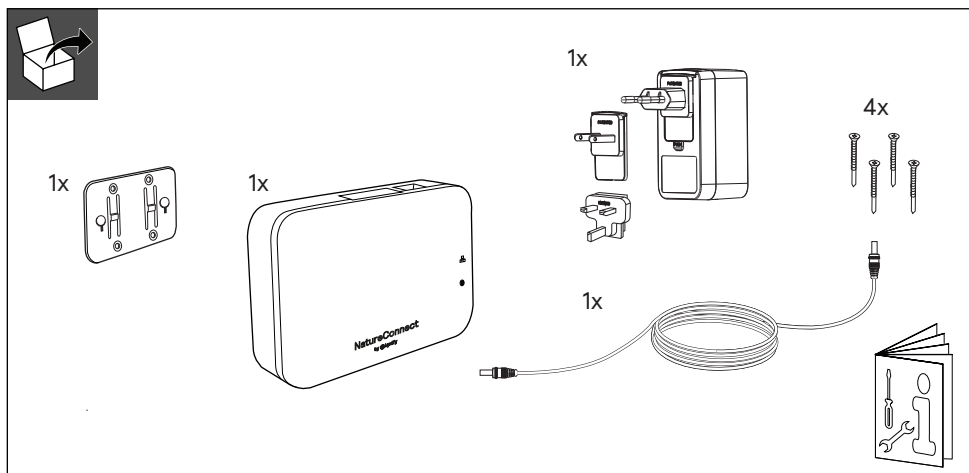


NatureConnect

by Signify

NatureConnect link

LP912P NC2 CONTENT GENERATOR



100 V
240V

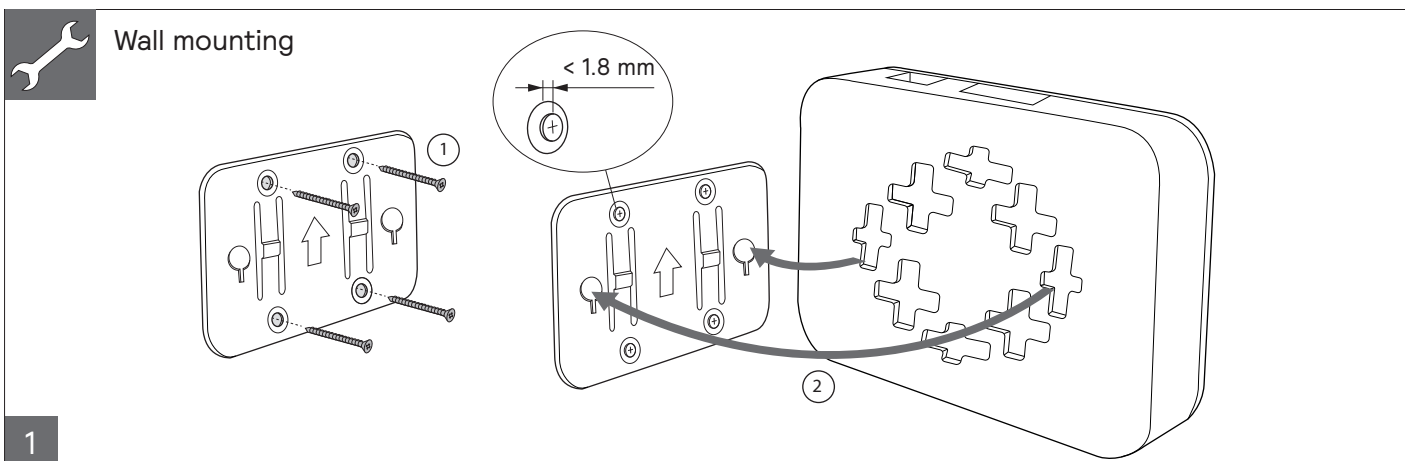
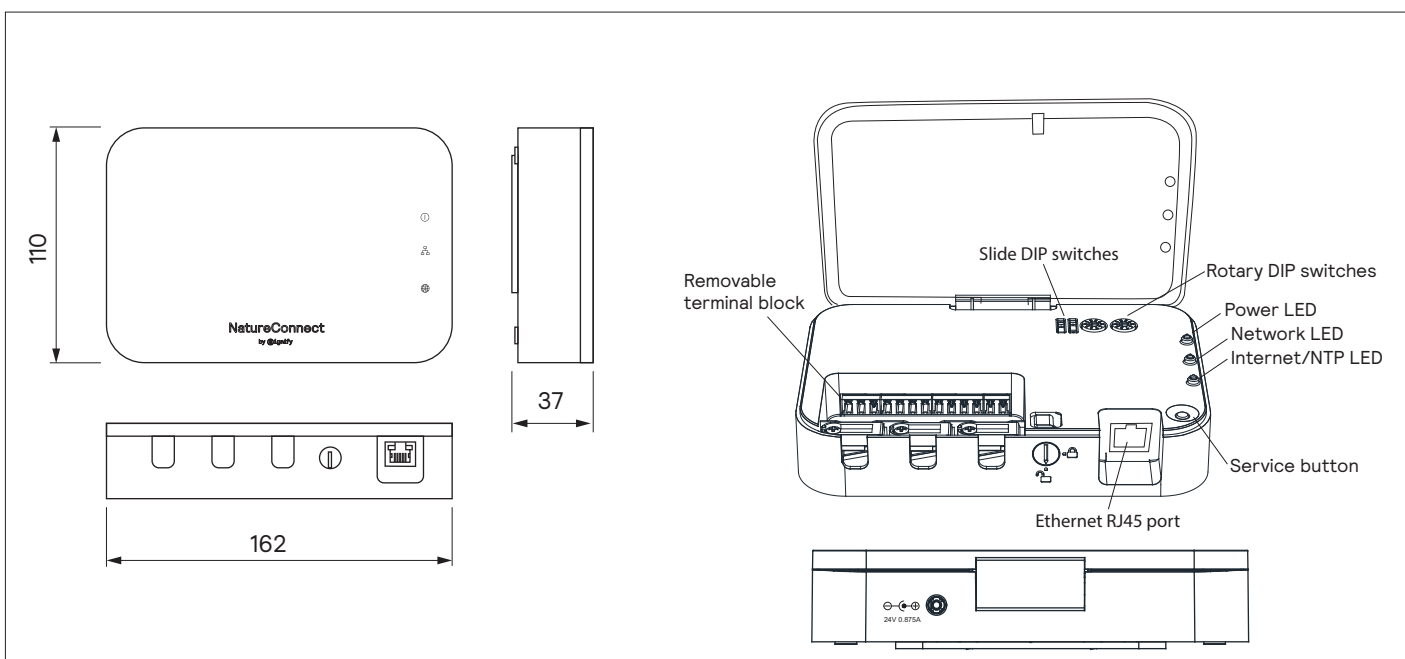
50 Hz
60 Hz



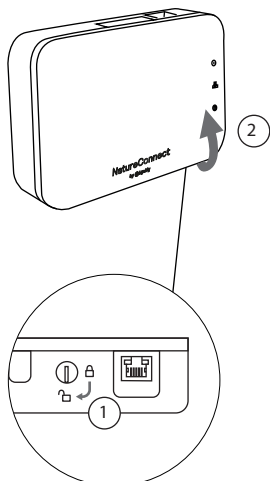
max 35 °C
min 0 °C



	Power	Current	Dimensions LxWxH	
NatureConnect link	15 W	0.525 A	162x110x37 mm	0.5 kg

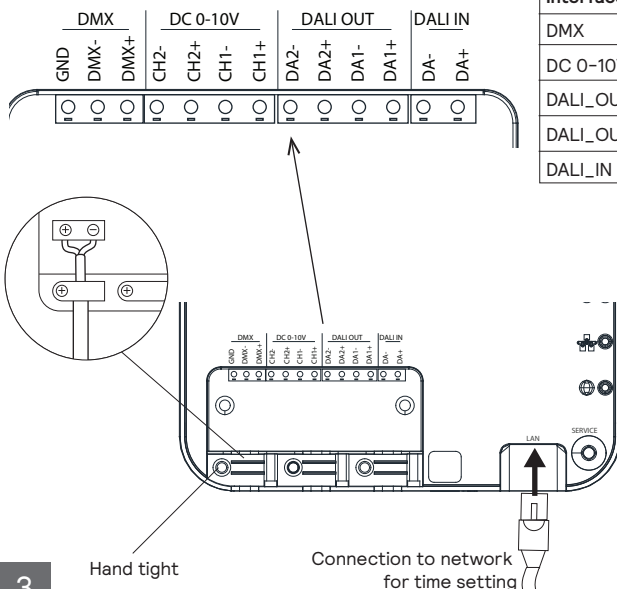


Open the cover



2

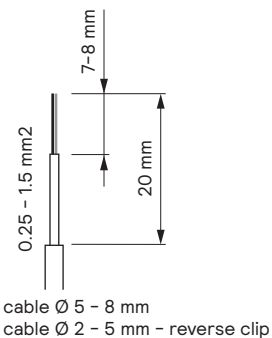
Wiring



Hand tight

Connection to network
for time setting

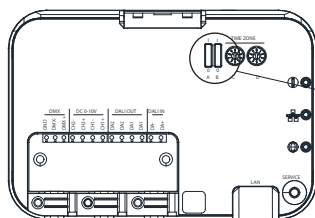
Interface	Description	Max output
DMX	NC DMX luminaires	30 mA 5 Vdc
DC 0-10V	not used	150 uA 10 V
DALI_OUT DA2	TW luminaires	250 mA 20.5 V
DALI_OUT DA1	NC DALI luminaires	250 mA 20.5 V
DALI_IN	control system*	60 mA 20.5 V



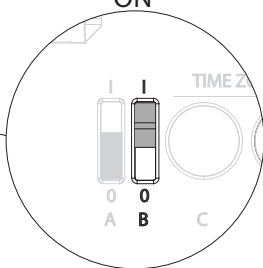
* For Interact pro installation
check pages 6 and 7 of this document.

3

Set DIP switch for power supply of DALI_IN

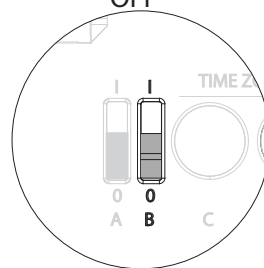


ON



for D4i compatible sensors

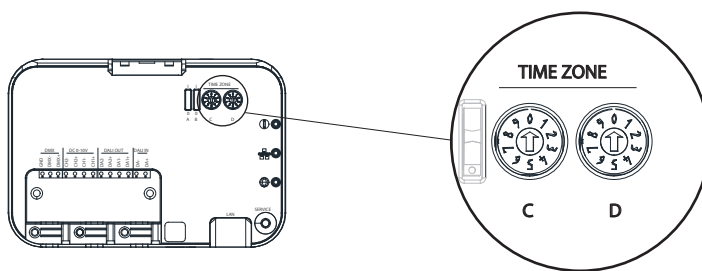
OFF



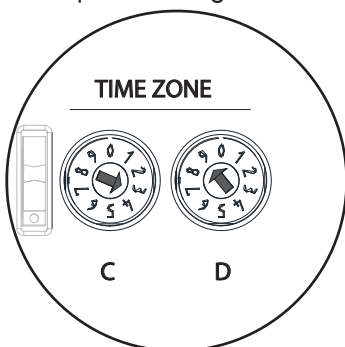
for DALI control systems

4

Set the rotary switches for the time zone according the Time zone table



Example: setting the time zone for Prague



3 9 (UTC+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague

5

Time zone table

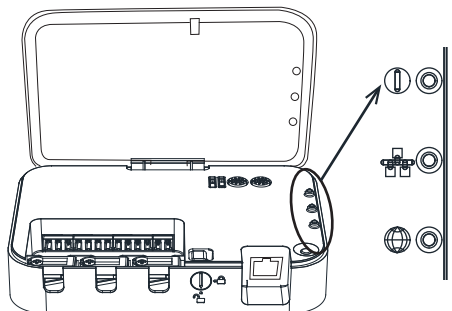
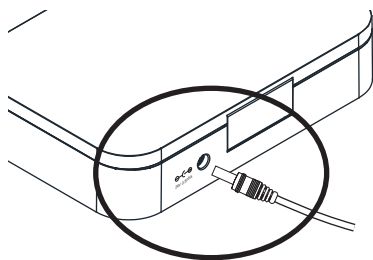
C D Time zone

0	0	(UTC-08:00) Baja California
0	1	(UTC-08:00) Co-ordinated Universal Time-08
0	2	(UTC-08:00) Pacific Time (US & Canada)
0	3	(UTC-07:00) Arizona
0	4	(UTC-07:00) Chihuahua, La Paz, Mazatlan
0	5	(UTC-07:00) Mountain Time (US & Canada)
0	6	(UTC-07:00) Yukon
0	7	(UTC-06:00) Central America
0	8	(UTC-06:00) Central Time (US & Canada)
0	9	(UTC-06:00) Easter Island
1	0	(UTC-06:00) Guadalajara, Mexico City, Monterrey
1	1	(UTC-06:00) Saskatchewan
1	2	(UTC-05:00) Bogota, Lima, Quito, Rio Branco
1	3	(UTC-05:00) Chetumal
1	4	(UTC-05:00) Eastern Time (US & Canada)
1	5	(UTC-05:00) Haiti
1	6	(UTC-05:00) Havana
1	7	(UTC-05:00) Indiana (East)
1	8	(UTC-05:00) Turks and Caicos
1	9	(UTC-04:00) Asuncion
2	0	(UTC-04:00) Atlantic Time (Canada)
2	1	(UTC-04:00) Cuiaba
2	2	(UTC-04:00) Georgetown, La Paz, Manaus, San Juan
2	3	(UTC-04:00) Santiago
2	4	(UTC-03:00) Araguaia
2	5	(UTC-03:00) Brasilia
2	6	(UTC-03:00) Cayenne, Fortaleza
2	7	(UTC-03:00) City of Buenos Aires
2	8	(UTC-03:00) Greenland
2	9	(UTC-03:00) Montevideo
3	0	(UTC-03:00) Punta Arenas
3	1	(UTC-03:00) Saint Pierre and Miquelon
3	2	(UTC-03:00) Salvador
3	3	(UTC) Co-ordinated Universal Time
3	4	(UTC+00:00) Dublin, Edinburgh, Lisbon, London
3	5	(UTC+00:00) Monrovia, Reykjavik
3	6	(UTC+00:00) Sao Tome
3	7	(UTC+01:00) Casablanca
3	8	(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
3	9	(UTC+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague
4	0	(UTC+01:00) Brussels, Copenhagen, Madrid, Paris
4	1	(UTC+01:00) Sarajevo, Skopje, Warsaw, Zagreb
4	2	(UTC+01:00) West Central Africa
4	3	(UTC+02:00) Athens, Bucharest
4	4	(UTC+02:00) Beirut
4	5	(UTC+02:00) Cairo
4	6	(UTC+02:00) Chisinau
4	7	(UTC+02:00) Damascus
4	8	(UTC+02:00) Gaza, Hebron
4	9	(UTC+02:00) Harare, Pretoria

C D Time zone

5	0	(UTC+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius
5	1	(UTC+02:00) Jerusalem
5	2	(UTC+02:00) Juba
5	3	(UTC+02:00) Kaliningrad
5	4	(UTC+02:00) Khartoum
5	5	(UTC+02:00) Tripoli
5	6	(UTC+02:00) Windhoek
5	7	(UTC+03:00) Amman
5	8	(UTC+03:00) Baghdad
5	9	(UTC+03:00) Istanbul
6	0	(UTC+03:00) Kuwait, Riyadh
6	1	(UTC+03:00) Minsk
6	2	(UTC+03:00) Moscow, St Petersburg
6	3	(UTC+03:00) Nairobi
6	4	(UTC+03:00) Volgograd
6	5	(UTC+03:30) Tehran
6	6	(UTC+04:00) Abu Dhabi, Muscat
6	7	(UTC+04:00) Astrakhan, Ulyanovsk
6	8	(UTC+04:00) Baku
6	9	(UTC+04:00) Izhevsk, Samara
7	0	(UTC+04:00) Port Louis
7	1	(UTC+04:00) Saratov
7	2	(UTC+04:00) Tbilisi
7	3	(UTC+04:00) Yerevan
7	4	(UTC+05:00) Ashgabat, Tashkent
7	5	(UTC+05:00) Ekaterinburg
7	6	(UTC+05:00) Qyzylorda
7	7	(UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi
7	8	(UTC+05:30) Sri Jayawardenepura
7	9	(UTC+06:00) Dhaka
8	0	(UTC+06:00) Nur-Sultan
8	1	(UTC+06:30) Yangon (Rangoon)
8	2	(UTC+07:00) Bangkok, Hanoi, Jakarta
8	3	(UTC+07:00) Barnaul, Gorno-Altaysk
8	4	(UTC+07:00) Hovd
8	5	(UTC+08:00) Beijing, Chongqing, Hong Kong SAR, Urumqi
8	6	(UTC+08:00) Kuala Lumpur, Singapore
8	7	(UTC+08:00) Perth
8	8	(UTC+08:00) Taipei
8	9	(UTC+08:00) Ulaanbaatar
9	0	(UTC+08:45) Eucla
9	1	(UTC+09:00) Chita
9	2	(UTC+09:00) Osaka, Sapporo, Tokyo
9	3	(UTC+09:00) Pyongyang
9	4	(UTC+09:00) Seoul
9	5	(UTC+09:30) Darwin
9	6	(UTC+10:00) Brisbane
9	7	(UTC+10:00) Canberra, Melbourne, Sydney
9	8	(UTC+10:00) Guam, Port Moresby
9	9	(UTC+10:00) Hobart

Connect to power



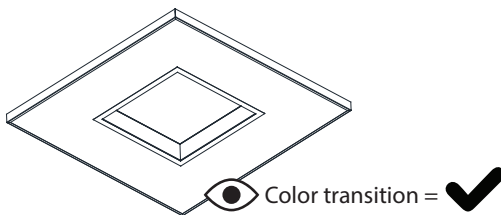
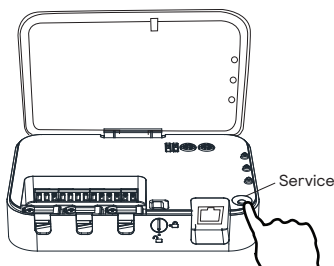
Power LED

LED on →

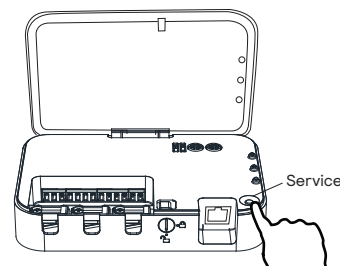


6

Test the connection with the luminaires by pressing the service button



Color transition =



① Press the "service" button to start the test

② Check luminaires

③ Press the "service" button to finish the test

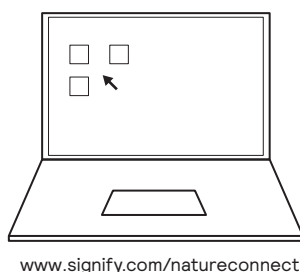
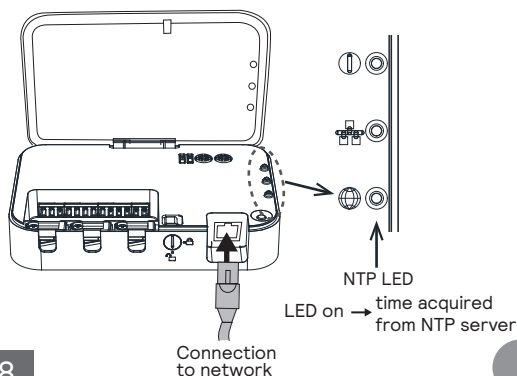
7

Time configuration - two methods

! Time is already configured from production date 23W48. Please check on the box label.

1 Connect (temporarily) to a wired network that has access to internet/NTP

2 Manually set the time with Windows configuration app

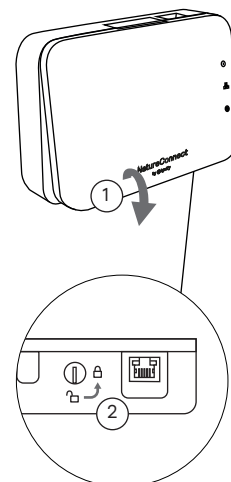


www.signify.com/natureconnect

Once the time is set, NatureConnect link will keep the time without permanent internet connection.

8

Close the cover



9

LED legend

LED 1 (Red) Power status:

- OFF when no power to the device
- ON when power is on

LED 2 (Blue) Network status (only after booting finished):

- OFF when no network link
- BLINKING when network link available but no IP address assigned
- ON when network link available and IP address assigned

LED 3 (Yellow) NTP status and Booting status

- OFF when still booting
- BLINKING the device has been boot up completely but it is not connected to NTP server
- ON The device has been boot up completely and is connected to NTP server

LED behavior with firmware < v1.2.2

Production date before 23W48

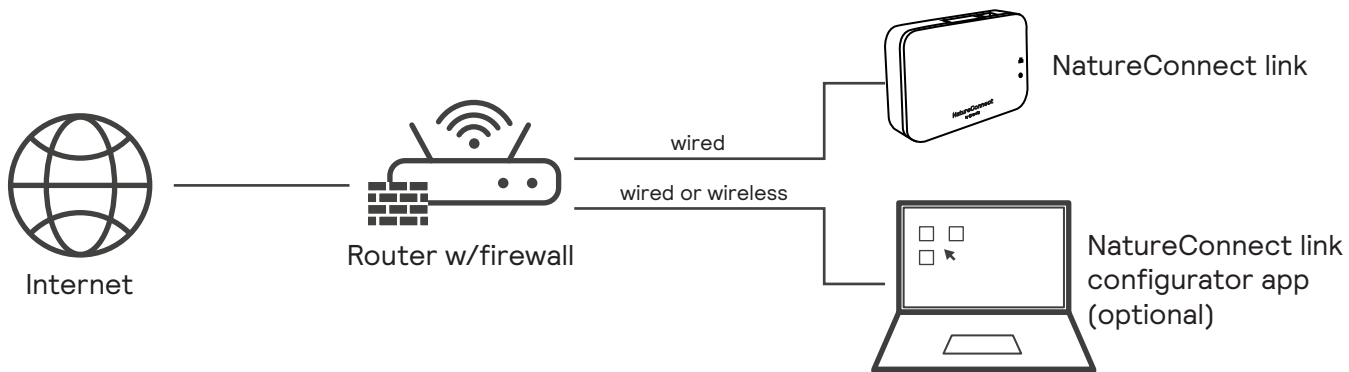
LED 3 (Yellow) Internet/NTP status:

- OFF when no internet
- BLINKING when internet available but NTP not available
- ON when internet and NTP available

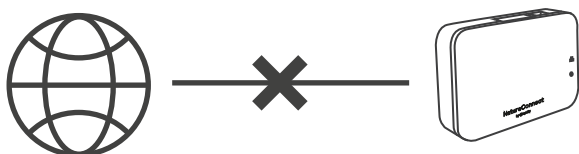
Network connectivity

• (Temporary) Network connection with a router

To connect a NatureConnect link to the internet and/or a computer you need a router with a firewall and a DHCP server.

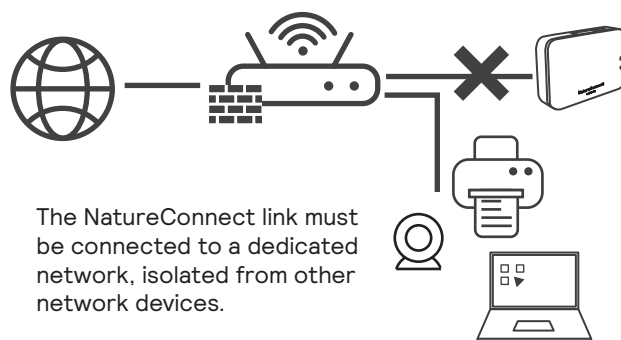


! Do not connect the NatureConnect link to the internet or other networks without a firewall.



The NatureConnect link must be protected by a firewall when connecting it to the internet or other networks.

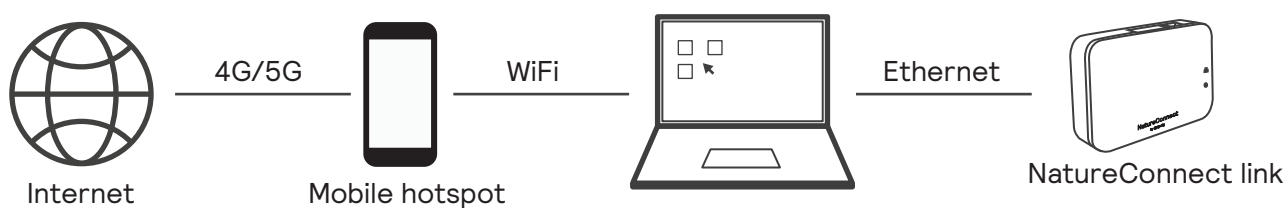
! Do not connect the NatureConnect link to a shared network.



The NatureConnect link must be connected to a dedicated network, isolated from other network devices.

• Temporary network connection without a router

A Windows laptop can be used to create a temporary network by bridging the Wifi and Ethernet adapter.

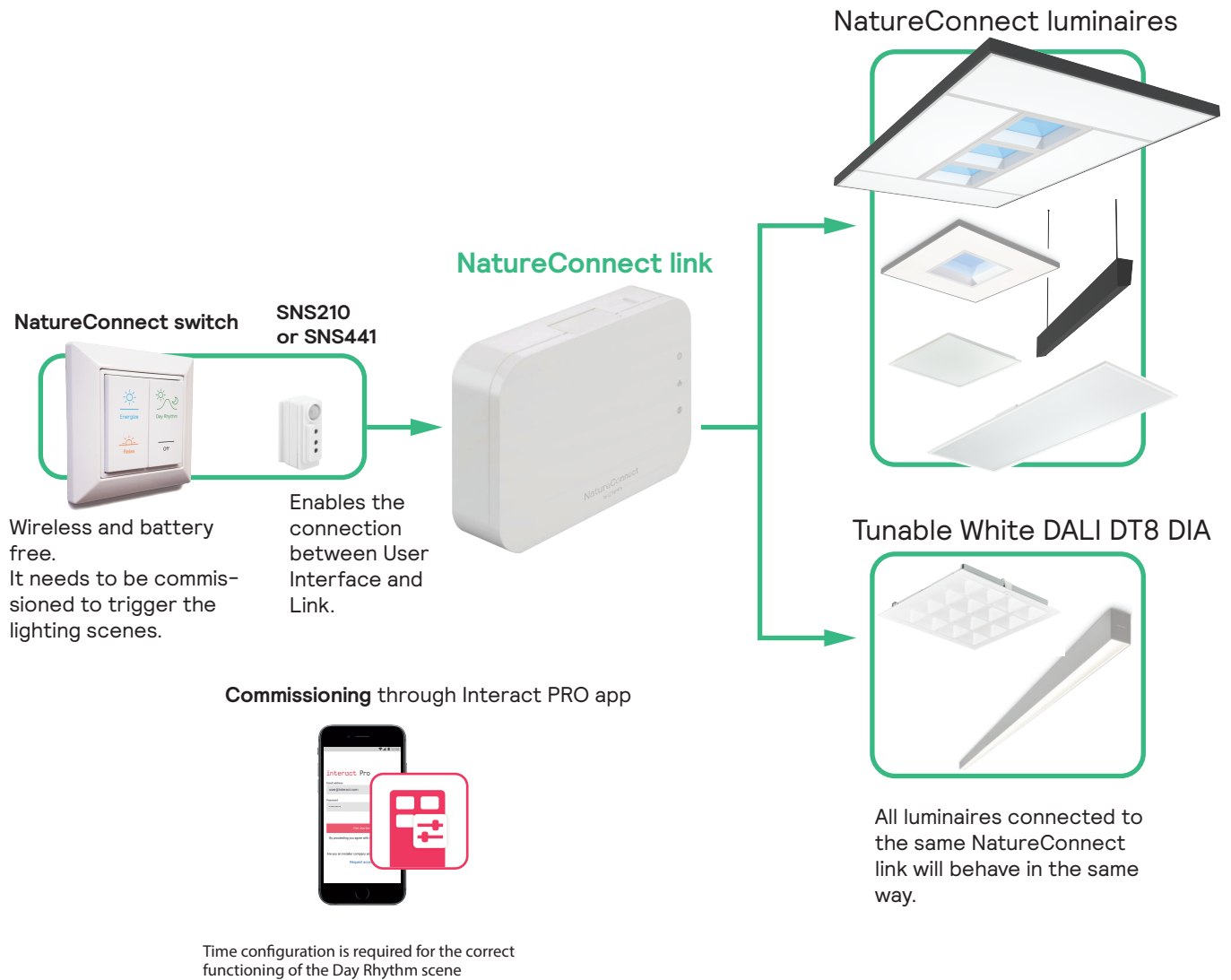


It's recommended to connect to a mobile hotspot.
Security on a corporate network can prevent this set-up from working.
This will also isolate the NC link from other devices on the local network.

Additional notes

- For reset to factory default settings: long press (10 seconds) on Service button.
- Recommended to change the password at first use.

System architecture for Interact pro installations



Wiring diagram for Interact pro installations

