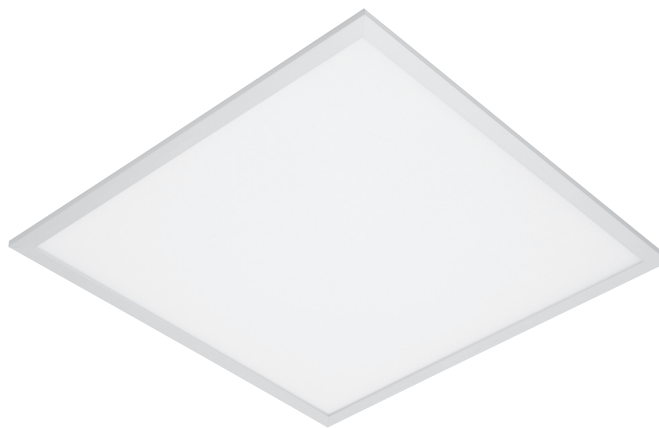
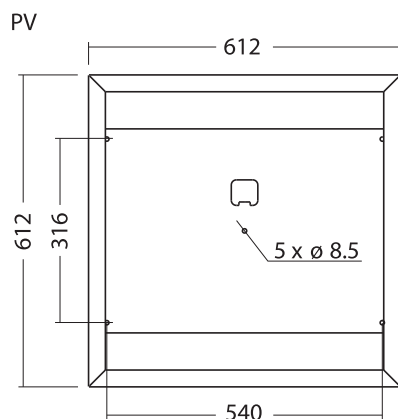


aLight Office LED

Manual Bruksanvisning Käyttöohje



ECG/DALI



(ceiling 600x600)



IP20



IP40

53



ENG

Safety

Before working with any electrical equipment, remember to disconnect the power supply (remove the fuse/turn off the main power switch). Check that there is no power supply. Electrical equipment must only be installed by an authorised electrician.

Warning

Important: Never touch a luminaire which is switched on. Switch it off and allow it to cool first. The LED module and connection cable are not exchangeable. Avoid looking directly into the light as this may harm the eyes.

SWE

Säkerhet

Innan arbete med all elektrisk utrustning, kom ihåg att koppla bort elförsörjningen (ta bort säkringen/stäng av huvudströmbrytaren). Kontrollera att det inte finns någon spänning. Installationsarbete av elektrisk utrustning får endast utföras av behörig elektriker.

Varning

Viktigt: Vidrör aldrig lysande lampa. Stäng av och låt svalna först. LED-modulen är inte utbytbar, så inte heller anslutningskabeln. Undvik att titta direkt in i ljuset då det kan vara skadligt för ögon.

NO

Sikkerhet

Før alt arbeid på elektrisk utstyr må du huske på å koble fra strømtilførselen (ta ut sikringen / slå av hovedstrømbryteren). Kontroller at det ikke er spenning til stede. Installering av elektrisk utstyr skal bare utføres av autorisert elektriker.

Advarsel

Viktig: Ikke berør armaturen mens den lyser. Slå den av og la den kjøle seg ned først. LED-modulen og strømfledningen kan ikke skiftes ut. Ikke se direkte inn i lyset, dette kan skade øynene.

FIN

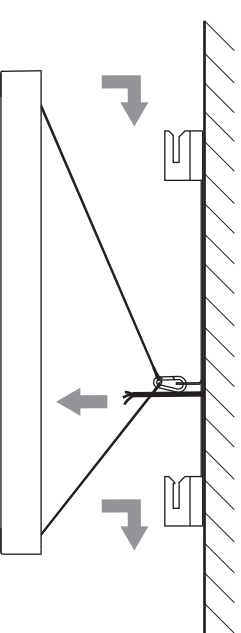
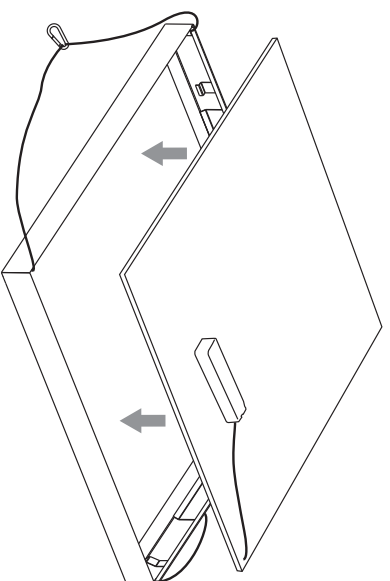
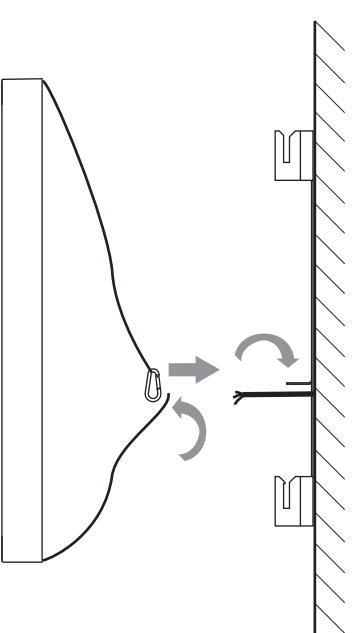
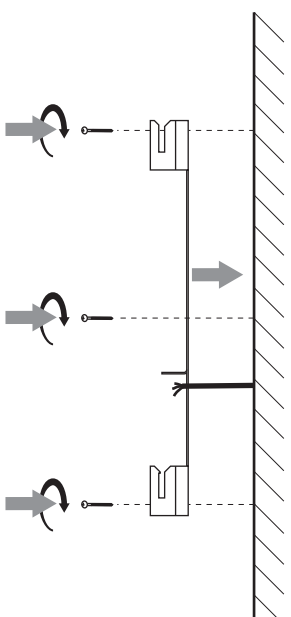
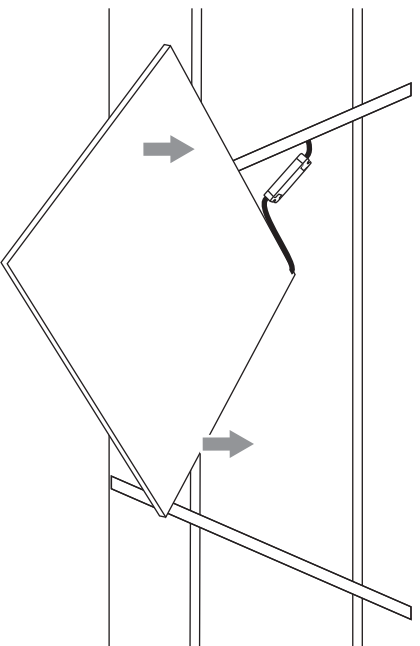
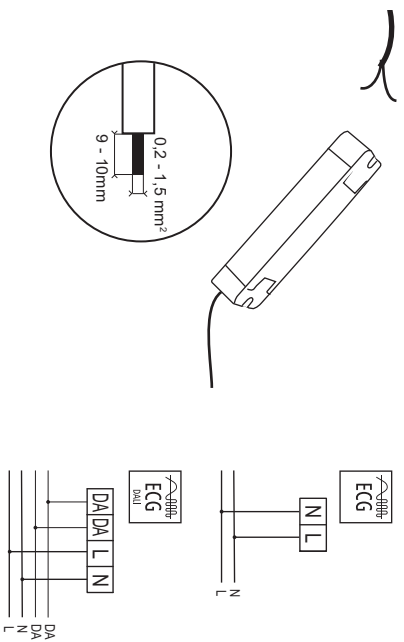
Turvallisuus

Sähkönsyöttö on katkaistava (irrota sulake / sulje pääkatkaisin) ennen mil-lenkään sähkölaitteelle tehtäviä töitä. Tarkista, että missään ei ole jännitettä. Sähkölaitteita saa asentaa vain pätevä sähköasentaja.

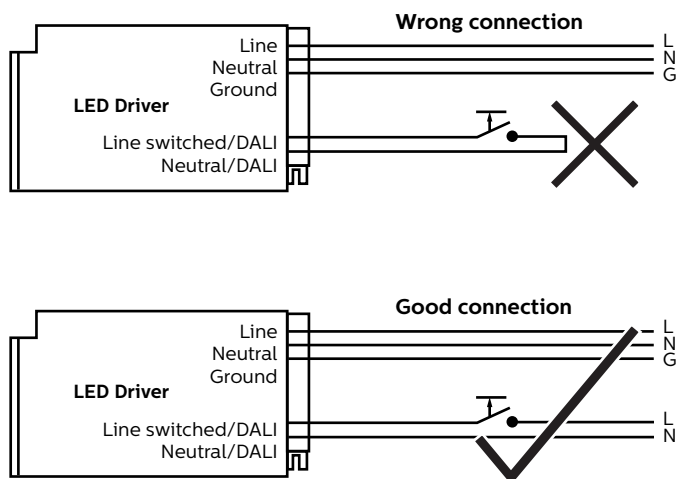
Varoitus

Tärkeää: Palavaan valaisimeen ei saa koskea. Sammuta valaisin ja anna sen jäähtyä ensin. LED-moduulia ja liitäntäkaapelia ei voi vaihtaa. Katsomista suoraan valoon on vältettävä, koska se voi vahingoittaa silmiä.





a-collection



Appropriate connection to the dimmable LED driver using the Touch and Dim protocol

Touch & Dim (TD)

For the Xitanium drivers with Touch and Dim function a switched mains is used to dim the light. The switching ON and OFF is also done via this control input. This means that it is no longer necessary to use a power switch to interrupt the mains circuit. The 230 V supply voltage is always available at the LED driver (even when switched OFF), and light can be switched or dimmed by momentarily connecting the mains to the dim input. A short push will switch the lighting on or off, depending on the previous situation. If the switch is held pushed in, the light will dim up or down, depending on what is opposite from the last dimming direction. The driver will count the number of mains cycles and act on that.

Touch and Dim function	Contact duration	Driver function
Ignore	< 40 ms	Disregard push
Short push	>=40 ms and <500 ms	Toggle the lamp ON/OFF
Long push	>=500 ms and <10,000 ms	Dim the lamp up or down
Reset push	>10,000 ms	Synchronize drivers
Corridor (if applicable)	>60,000 ms	Switch to Corridor mode

Special wiring, such as twisted pairs or special cables, is not required to install a Touch and Dim system. All wiring is standard mains wiring and the switch is a standard push-to-make switch. There is no limit to the length of the dim cable or the number of switches connected. The only limitation is the maximum number of drivers, which is 30 per dimming unit. If there is a power failure, the ballast will store the current light level. As soon as the mains power returns, the ballast will recall this stored light level. If it was dimmed to 38%, it will come back at 38%. If it was switched off, it will stay switched off.

If the installation has to be extended by one or more light points / drivers, the dimming direction of the newly connected modules may be different from that of those already connected. To solve this problem a synchronization possibility is built into the drivers and can be called upon at any time. If the switch is pressed for at least 10 seconds all drivers will go to 37% light level and the dimming direction will be set to downwards.

Light level for Upper and lower limits for dim direction.

Upper toggle limit: 70% (DALI arc level 241)

The lower toggle limit can be calculated as follows: lower toggle limit = physical minimum level + 10%

Some examples are given in the following Table:

	Dim range 1-100%		Dim range 5-100%		Dim range 10-100%	
Light level	DALI arc level	Light level	DALI arc level	Light level	DALI arc level	Light level
Lower toggle limit	11%	173	15%	185	20%	195