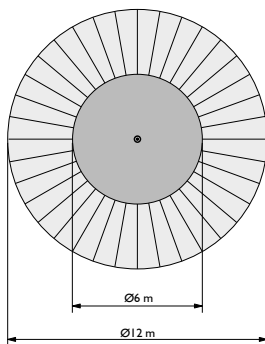




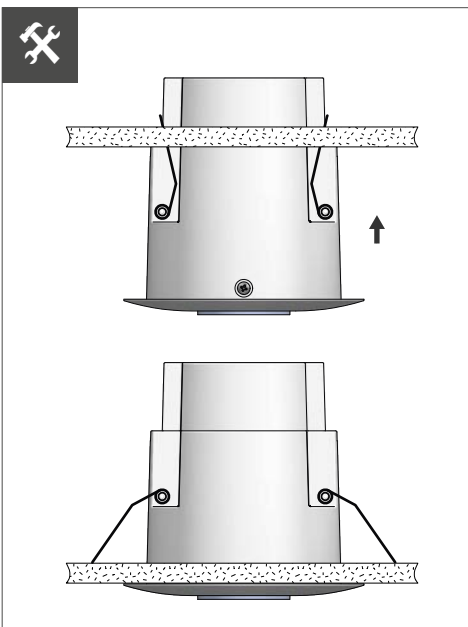
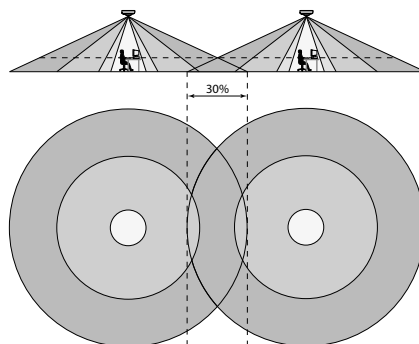
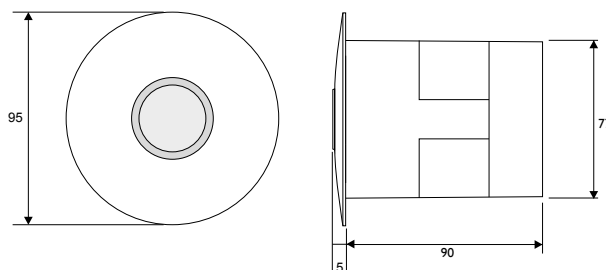
## 99-680WA2 EnOcean

Tilstedeværelsessensor DALI, 4 zoner  
 Presence detector DALI, 4 zones  
 Präsenzmelder DALI, 4 Zonen  
 Détecteur de présence DALI, 4 zone  
 Närvarosensor DALI, 4 zoner  
 Tilstedeværelsessensor DALI, 4 soner

+i



<b>!</b>	<b>DALI</b> 12 V DC/ 200 mA	2300 W	1200 VA	<b>LED</b> 350 W	$\mu$ 10A	IP 20
5 min.-∞	100-1000 lux	360°	113 m²	2,4-3 m	+5°C-+40°C	

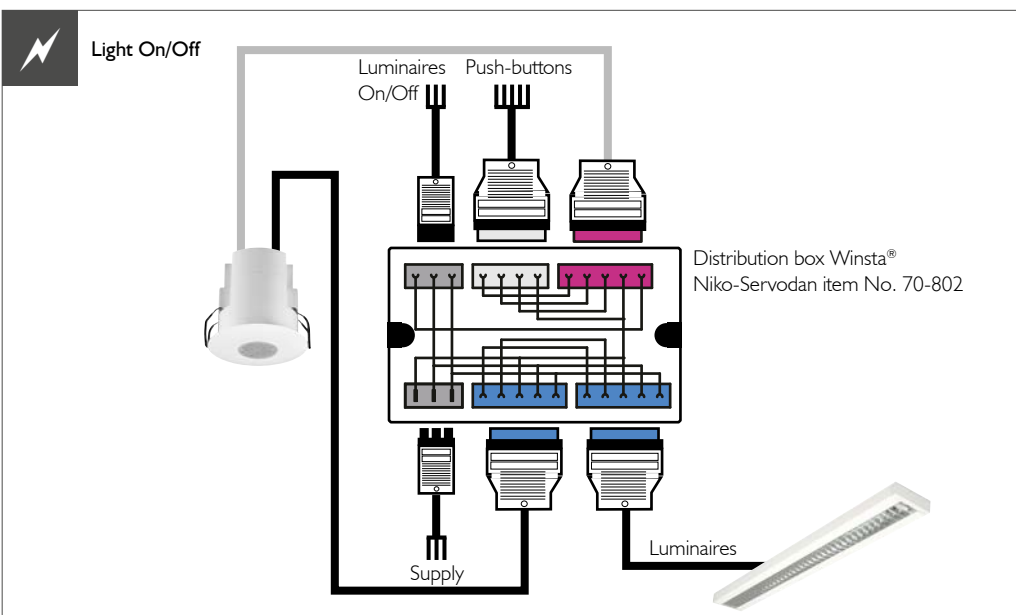


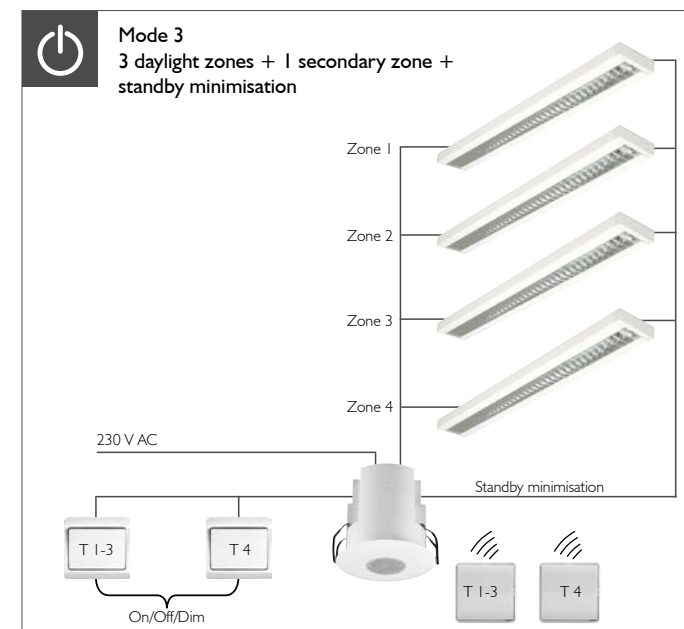
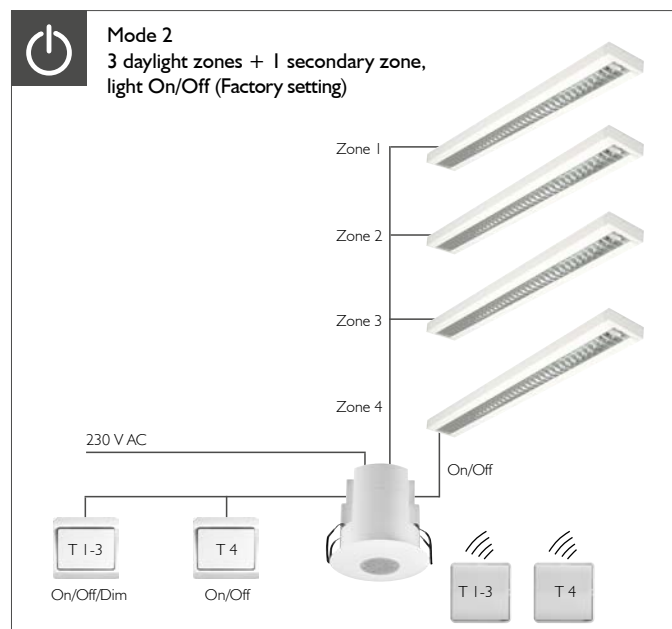
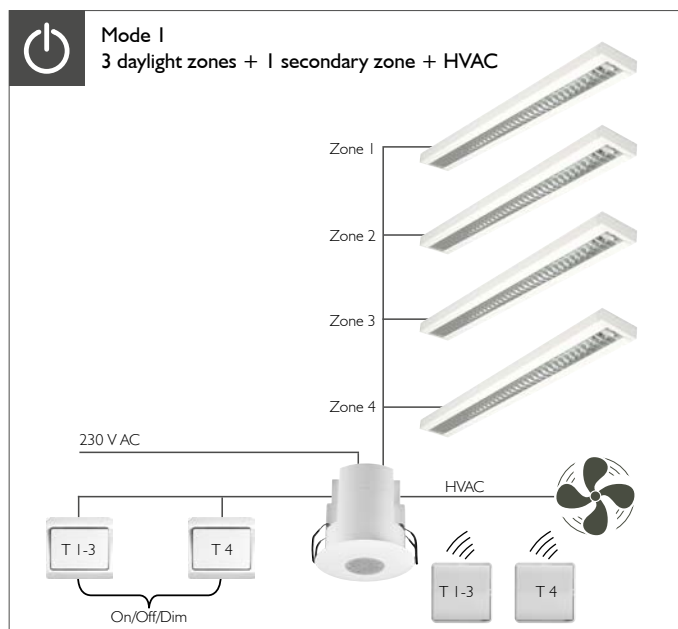
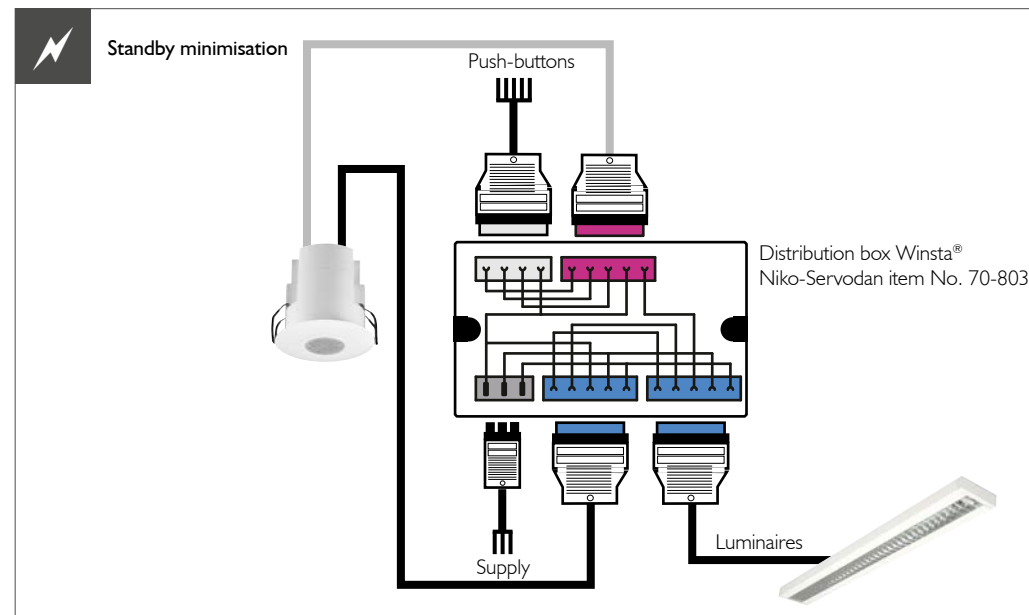
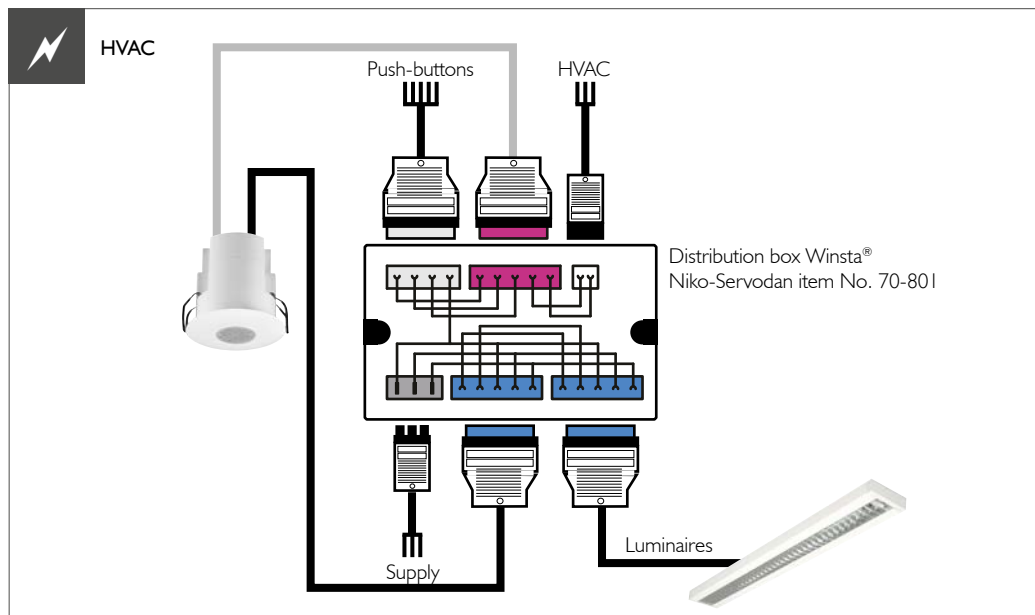
**ATTENTION!**  
 Commissioning by the Niko Sensor Tool app  
 - select detector 41-680/ALL  
 using IR-dongle 41-936 for smartphone

Point towards detector

Commissioning via IR remote control 41-934

Download on the App Store  
 ANDROID APP ON Google play







## Guideline

The following guideline can be used for quick detector setup:

1. Position the detector.
2. Connect the detector according to the connection diagram.  
The detector is now in the "Out-of-the-box" function.
3. Test the installation for any errors or missing luminaires.
4. Initialise all DALI devices and divide the luminaires into zones.
5. Select mode if different from the factory setting.
6. Program the required function Automatic on/off or Active on/off with automatic off via the detector for the individual zones, if different from the factory settings.
7. Select the number of daylight zones, 2 or 3, if different from the factory setting.
8. Choose whether the daylight zones are to remain at the minimum level or if they are to turn off in case of over illumination, if different from the factory setting.
9. Configure the required lux level for the daylight zones, if different from the factory setting.
10. Configure times if different from the factory setting.
11. Enable a "Burn-in". Applies to florescent tube lights only.

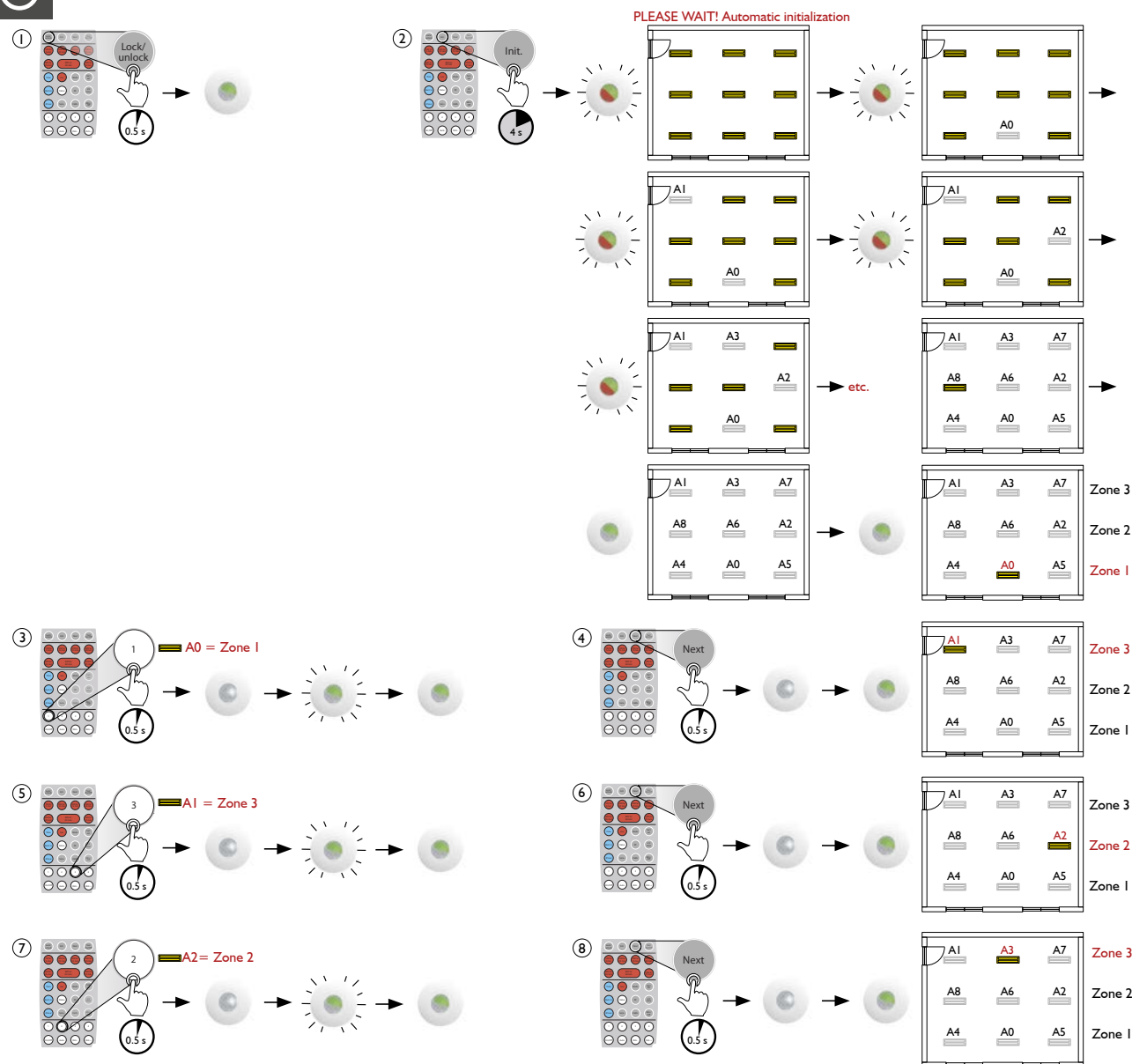


## Factory settings

App.:	Mode 2 - Daylight control and relay output for light On/Off.
Function:	Daylight zones: Automatic On/Off via detector Secondary zone: Active On/Off, Automatically Off
Zones:	3 daylight and 1 secondary zone
Lux:	300 lux
Time 1 (Off delay):	15 minutes
Time 2 (HVAC):	30 minutes
Time 3 (Standby min.):	60 minutes
Time 4 (Orientation light):	10 minutes
Min/Off:	Minimum - Daylight zones remain at minimum level in case of over-illumination.
Sensitivity:	High sensitivity

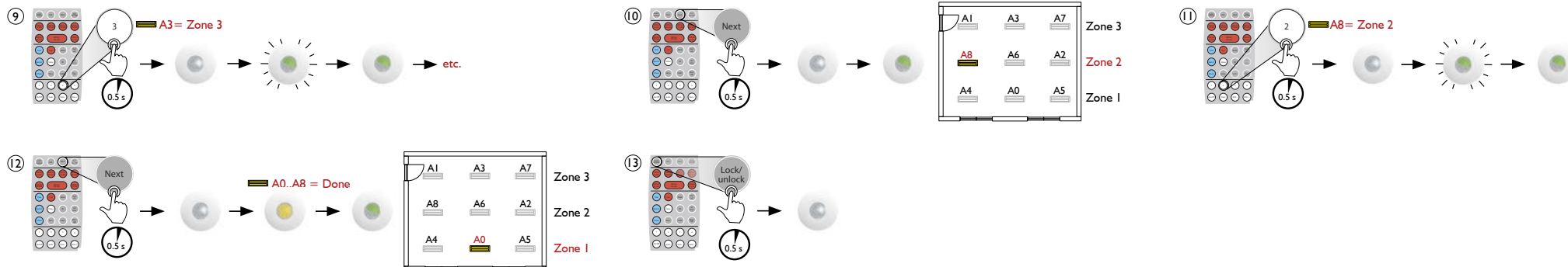


## Initialization/Zone selection

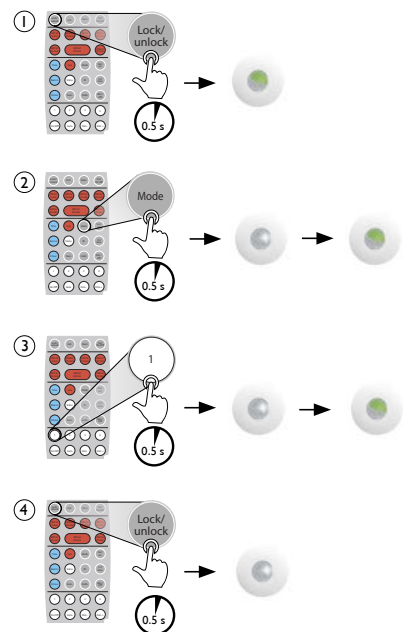




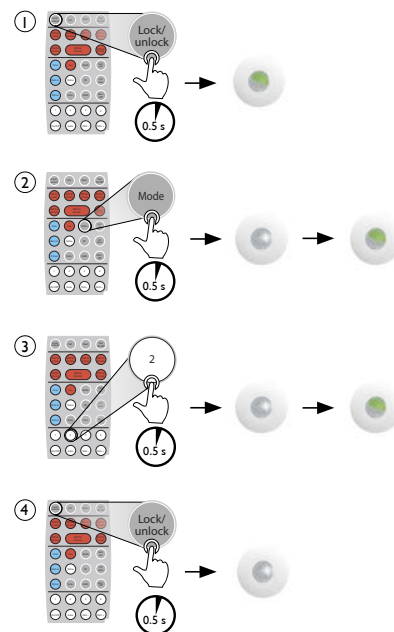
## Initialization/Zone selection



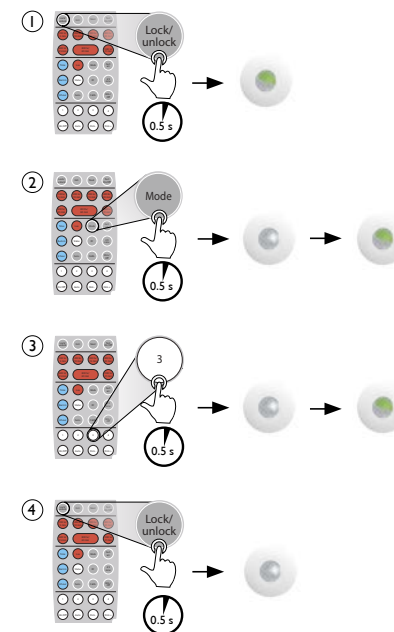
## Mode 1 Daylight control with HVAC output



## Mode 2 Daylight control with relay for lighting (On/Off)



## Mode 3 Daylight control with relay for standby min.



**Select between Auto On or Active On (daylight zones)**

① Lock/unlock (0.5 s)

②A On/Off (0.5 s) → Active On

OR

②B On/Off (0.5 s) → Auto On

③ Lock/unlock (0.5 s)

**Select 2 or 3 daylight zones**

① Lock/unlock (0.5 s)

②A 2/3 zone (0.5 s) → 3 Zones

OR

②B 2/3 zone (0.5 s) → 2 Zones

③ Lock/unlock (0.5 s)

**Select Minimum or Off, daylight zones**

① Lock/unlock (0.5 s)

②A Min./Off (0.5 s) → Off

OR

②B Min./Off (0.5 s) → Minimum

③ Lock/unlock (0.5 s)

**Time 1 - Off delay timer**

① Lock/unlock (0.5 s) →

② Time (0.5 s) →

③ 1 = Off delay timer (0.5 s) →

④ 300 lx / 15 min e.g. 15 min (0.5 s) →

⑤ Lock/unlock (0.5 s) →

**Time 2 - HVAC timer**

① Lock/unlock (0.5 s) →

② Time (0.5 s) →

③ 2 = HVAC timer (0.5 s) →

④ 400 lx / 30 min e.g. 30 min (0.5 s) →

⑤ Lock/unlock (0.5 s) →

**Time 3 - Standby minimisation timer**

① Lock/unlock (0.5 s) →

② Time (0.5 s) →

③ 3 = Cut-Off timer (0.5 s) →

④ 800 lx / 60 min e.g. 60 min (0.5 s) →

⑤ Lock/unlock (0.5 s) →

**Time 4 - Orientation light timer**

① Lock/unlock (0.5 s) →

② Time (0.5 s) →

③ 4 = Orientation light timer (0.5 s) →

④A 200 lx / 10 min e.g. 10 min (0.5 s) →

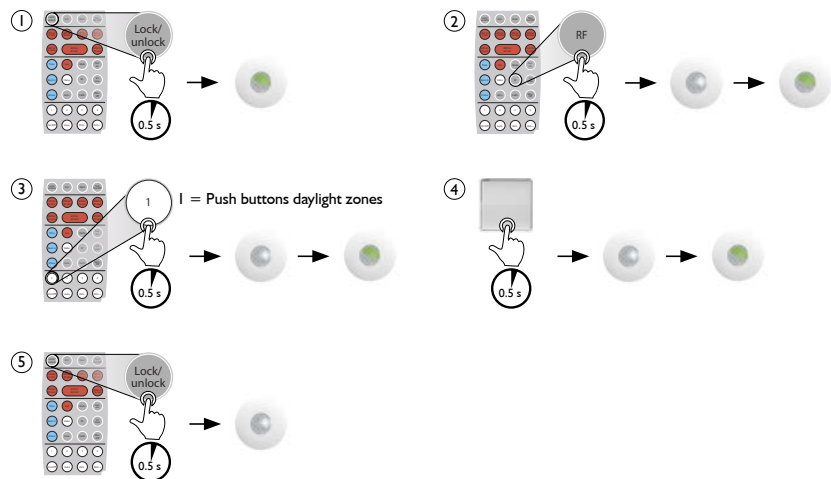
OR

④B On/Off e.g. Off (0.5 s) →

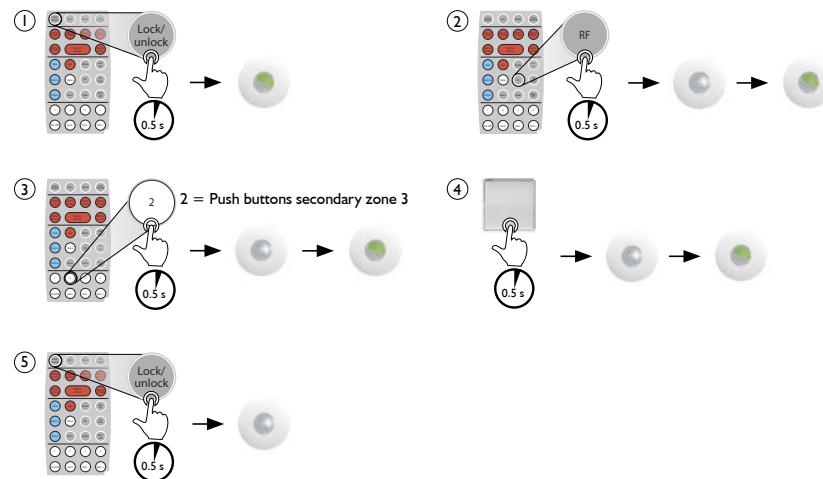
⑤ Lock/unlock (0.5 s) →



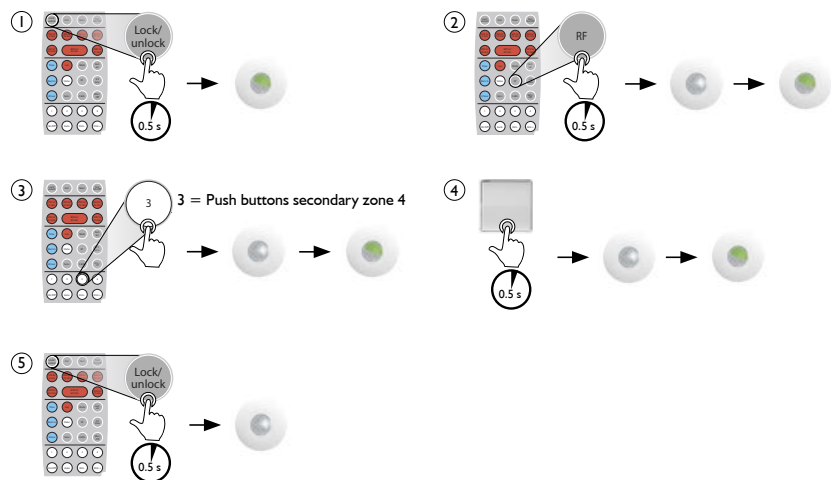
## Learn-in wireless push buttons (daylight zones)



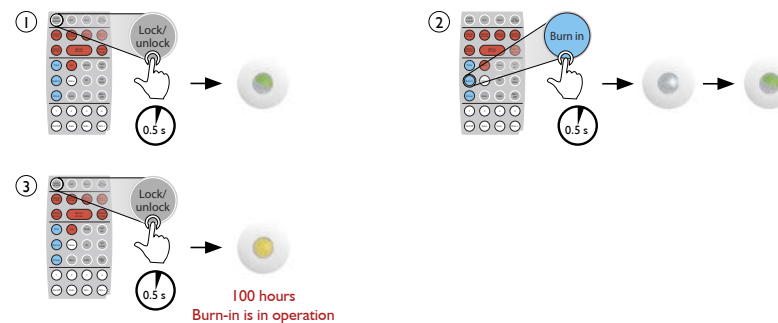
## Learn-in wireless push buttons (secondary zone 3)

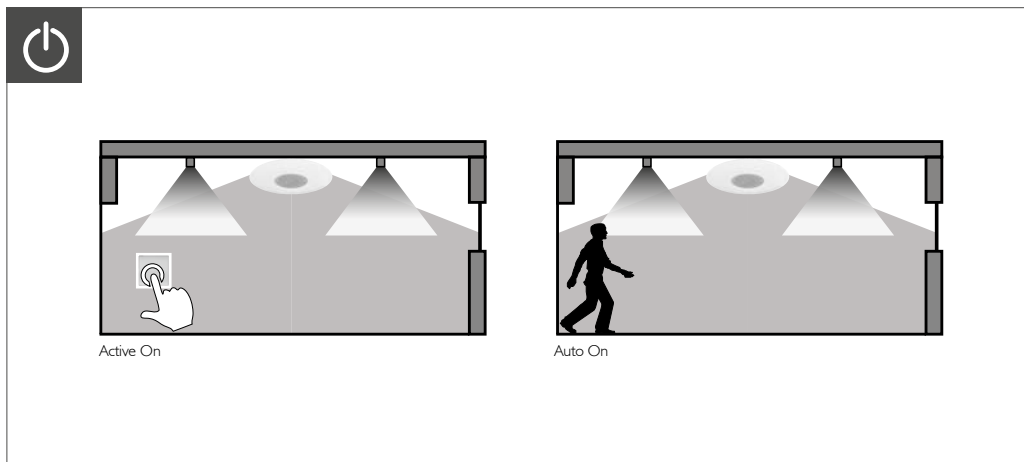


## Learn-in wireless push buttons (secondary zone 4)



## Enable burn-in





!

**Advarsel:** Indbygning og montering af elektriske apparater må kun foretages af aut. elinstallatør. Ved fejl eller driftsforstyrrelser kontakt den aut. elinstallatør. Ret til ændringer forbeholdes!

**Warning:** Installation and assembly of electrical equipment must be carried out by qualified electricians. Contact a qualified electrician in case of fault or breakdown. Reserving the right to make changes!

**Warnung:** Einbau und Montage elektrischer Geräte dürfen nur durch Elektrofachkräfte erfolgen. Wenden Sie sich bei Störungen bzw. Ausfall an einer Elektrofachkraft. Änderungen vorbehalten!

**Avertissement:** L'installation et le montage d'appareils électriques doivent exclusivement être exécutés par un électricien agréé. En cas de défaut ou de perturbation du fonctionnement, contacter un installateur électricien agréé. Sous réserve de modifications!

**Varning:** Elektriska apparater får endast byggas in och monteras av en auktoriserad elinstallatör. Kontakta den auktoriserade elinstallatören vid fel eller driftstörningar. Med reservation för ändringar!

**Advarsel:** Innbygging og montering av elektriske apparater må kun utføres av autorisert elektriker. Autorisert elektriker skal også kontaktes ved feil eller driftsforstyrrelser. Det tas forbehold om endringer.