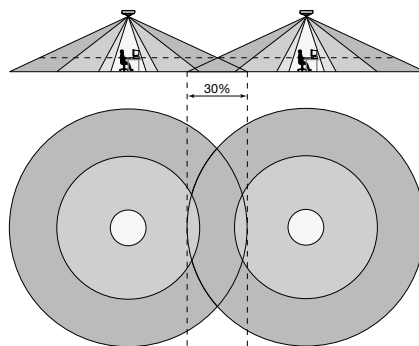
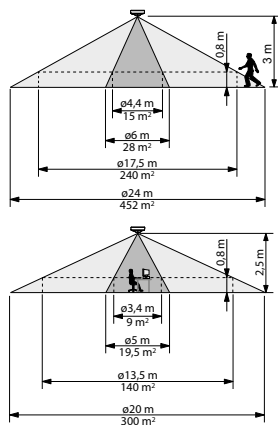
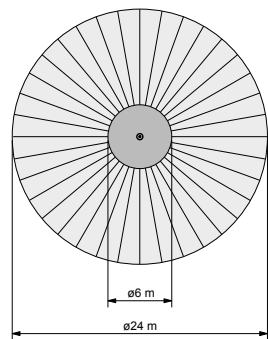




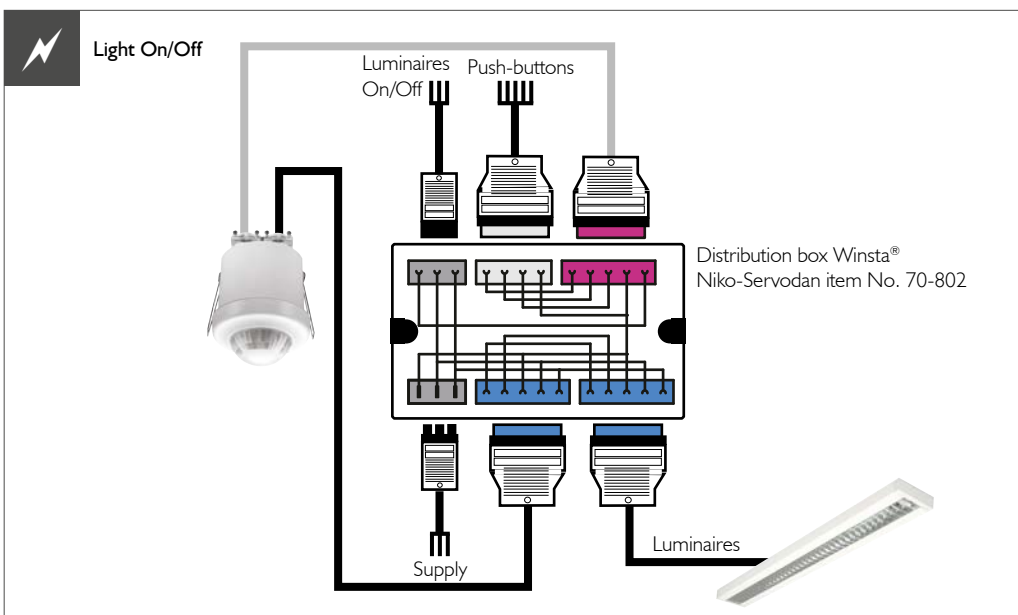
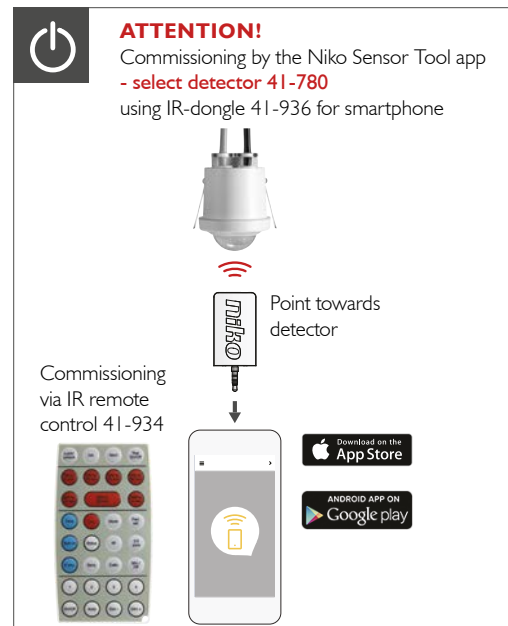
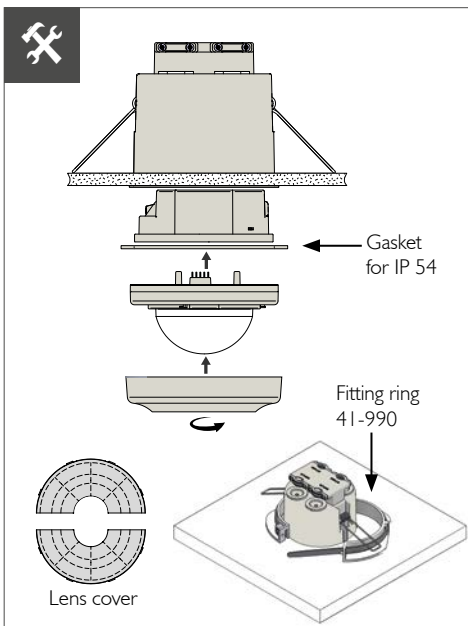
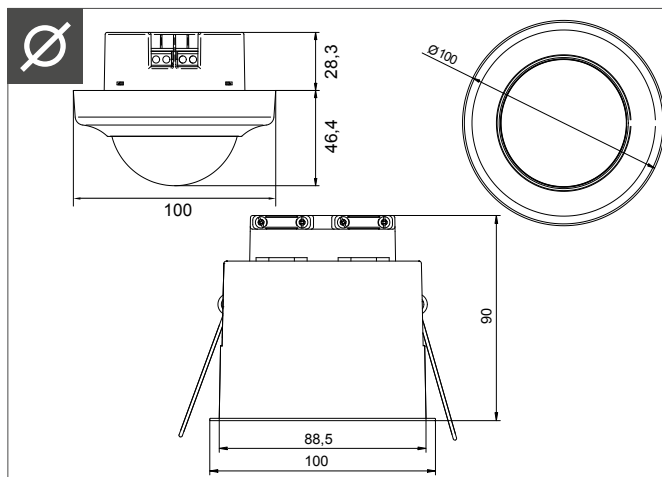
99-780WA2 EnOcean

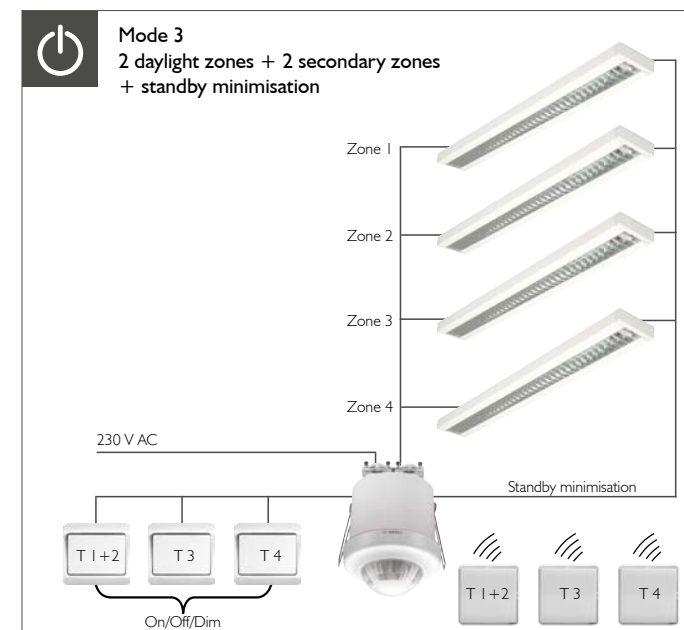
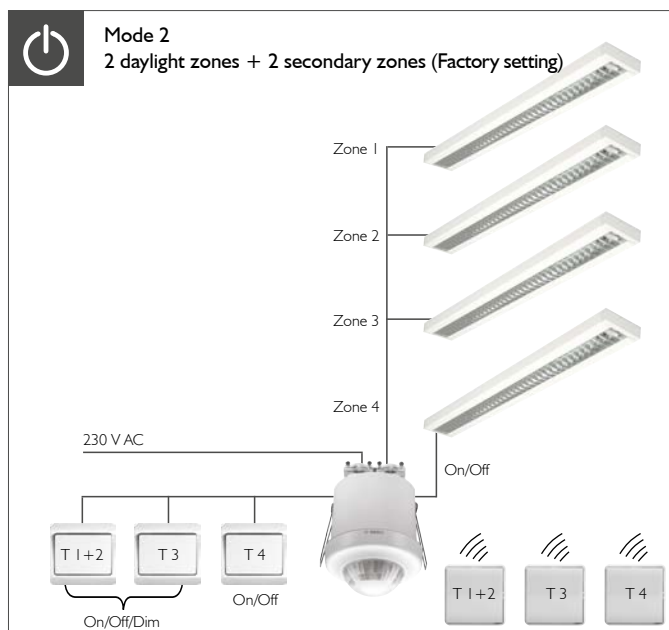
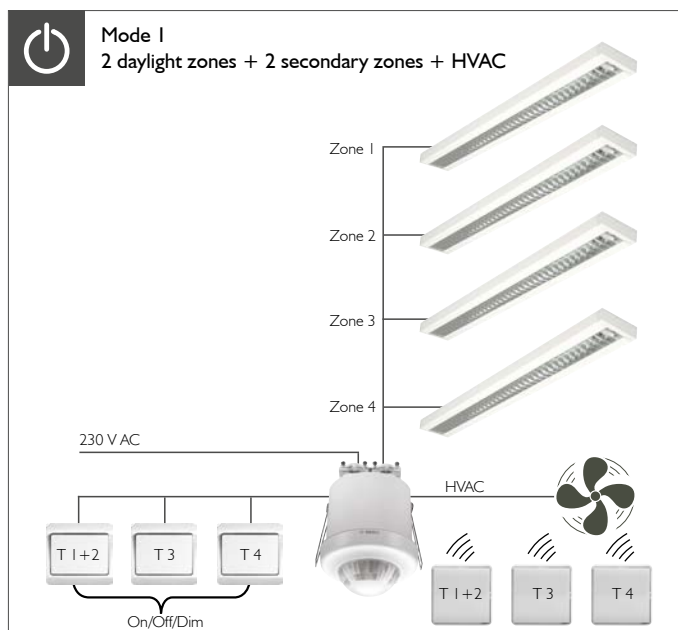
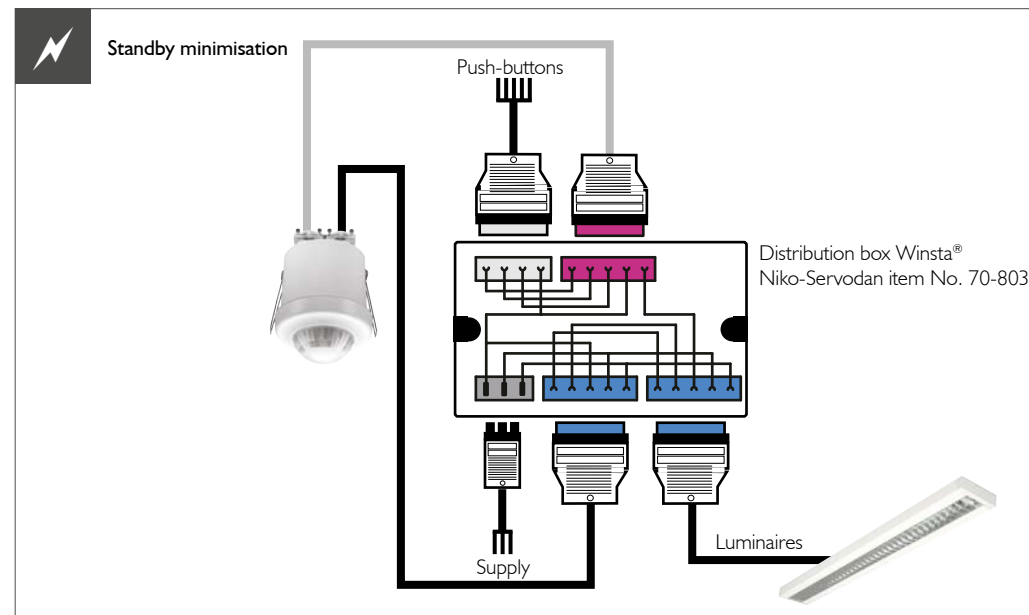
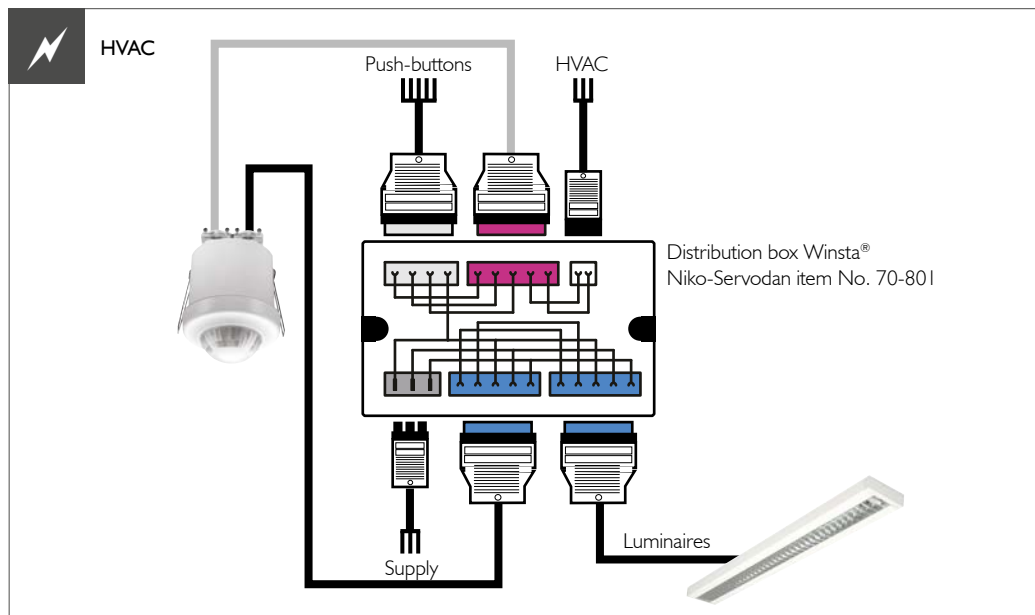
Tilstedeværelsessensor DALI, 4 zoner
 Presence detector DALI, 4 zones
 Präsenzmelder DALI, 4 Zonen
 Détecteur de présence DALI, 4 zone
 Närvarosensor DALI, 4 zoner
 Tilstedeværelsessensor DALI, 4 soner

+i



!	DALI 13 V DC/ 200 mA	2300 W	1200 VA	LED 350 W	μ10A	IP 54
5 min.-∞	100-2000 lux	360°	452 m²	2.4-3 m	-5°C-+50°C	







Guideline

The following guideline can be used for quick detector setup:

1. Position the detector.
2. Connect the detector according to the circuit diagram.
The detector is now in the "Out-of-the-box" mode.
3. Test the installation for any errors or missing luminaires.
4. Initialise all DALI devices and divide the luminaires into zones.
Note: Now the detector operates according to factory settings
If this is required - go directly to step 13
For other settings continue with step 5-13
5. Select mode.
6. Program the required function: Automatic On/Off or Active On/Off with automatic off via the detector for the individual zones.
7. Select the number of daylight zones, 2 or 3.
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.
9. Set the required lux level for the daylight zones.
10. Set the maximum lux output for the lighting system.
See documentation for the lighting system or measure with a lux meter.
11. Set times.
12. The detector makes a fine-calibration of the lux-setting based on the room reflectance, when the lux level is 100 lux and nobody is in the room (typically at night). It may in certain cases be necessary to fine tune using a lux meter. This can only be performed after the detector has performed fine-calibration.
13. Enable a "Burn-in". Applies to fluorescent tube lights only.

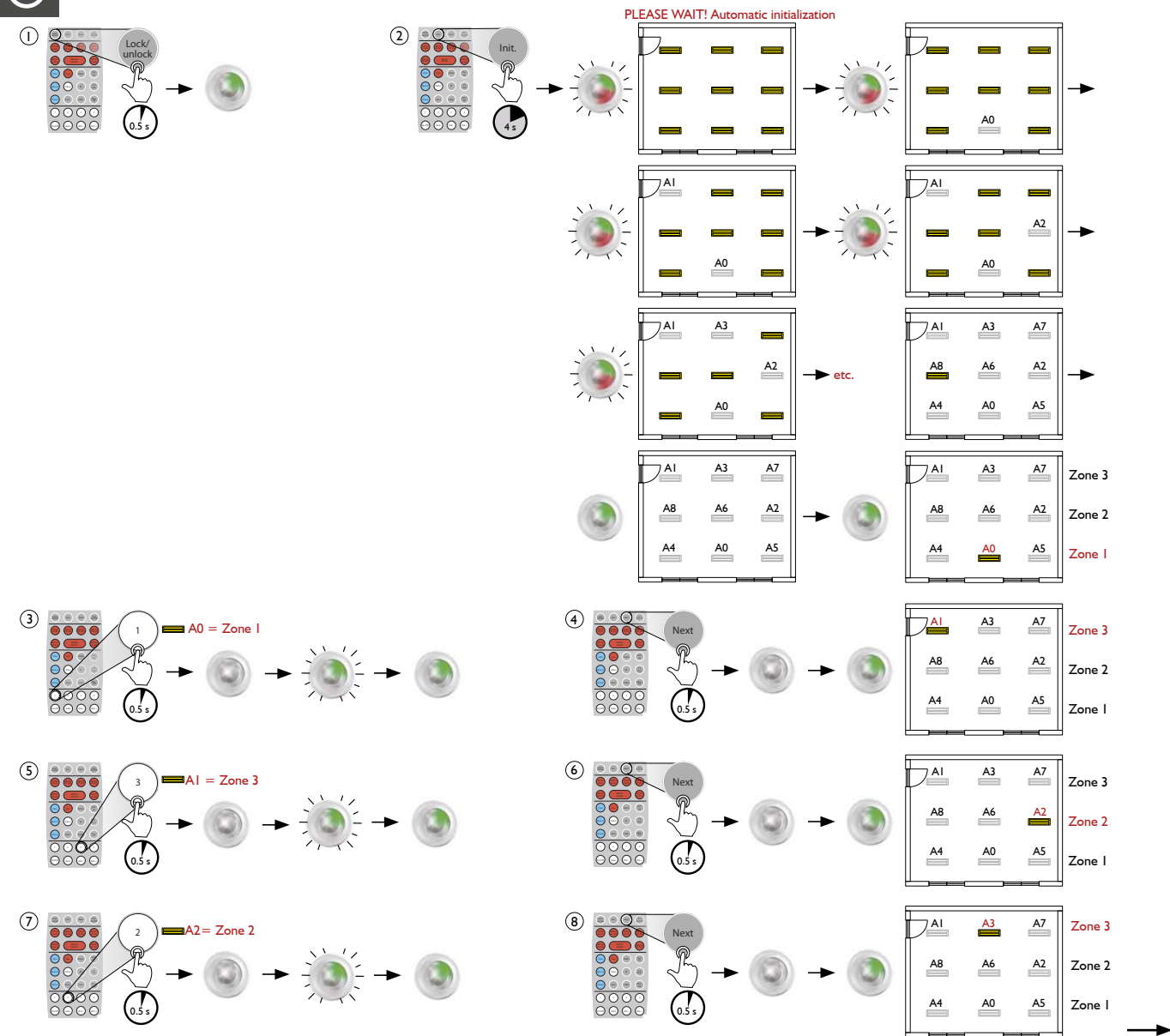


Factory settings

App.:	Mode 2 - Daylight control and relay output for light On/Off.
Function:	Automatic On/Off via detector
Zones:	2 daylight and 2 secondary zones
Lux:	300 lux
Time 1 (Off delay):	15 minutes
Time 2 (HVAC):	30 minutes
Time 3 (Cut-Off):	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 - All sectors

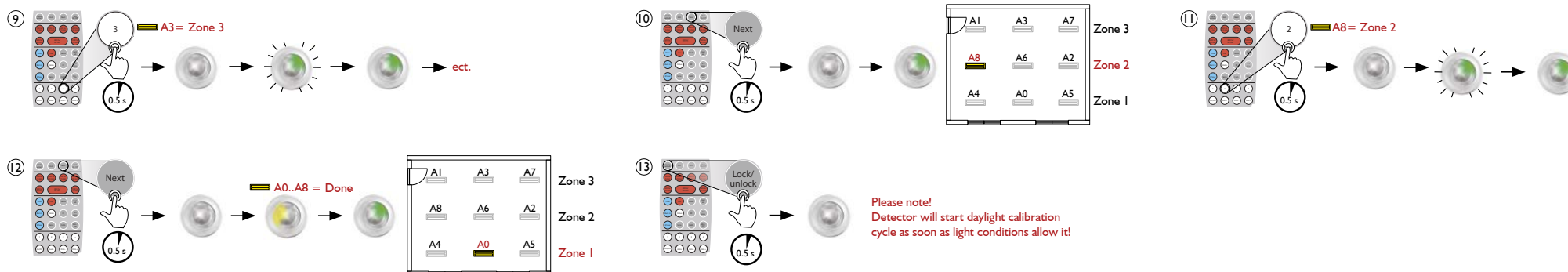


Initialization/Zone selection

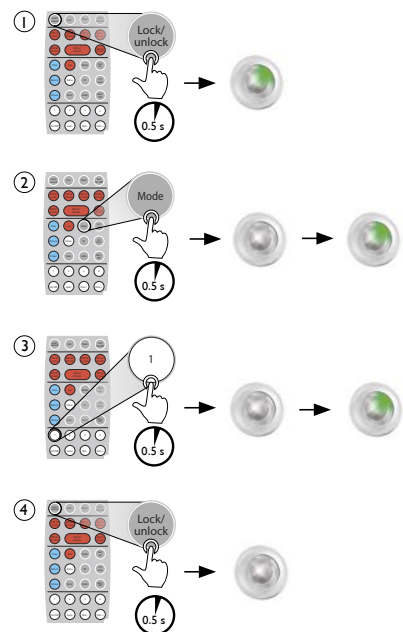




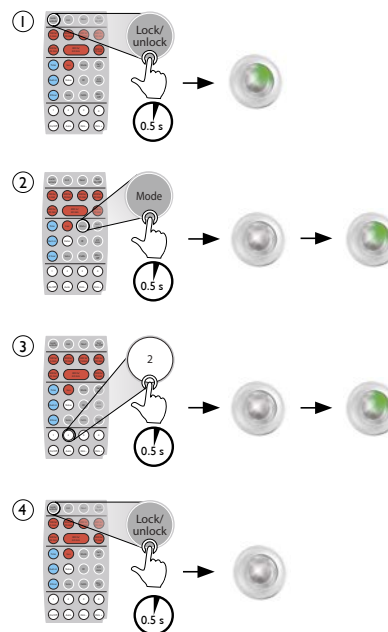
Initialization/Zone selection



Mode I
Daylight control with HVAC output

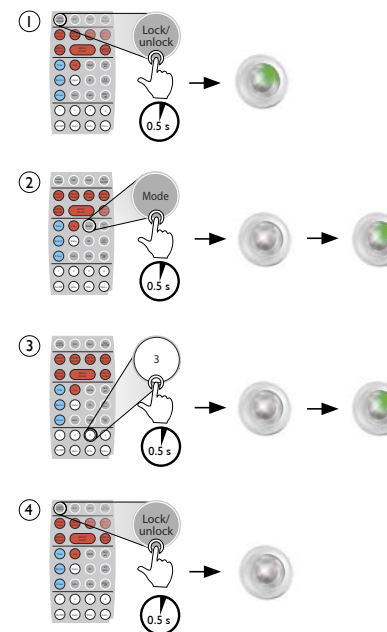


Mode 2
Daylight control with relay for lighting (On/Off)



Mode 3

Daylight control with relay for standby minimisation



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)

Required lux level and max output, luminaires (See also - Max lux output, luminaires)

① Lock/unlock (0.5 s)

② Lux (0.5 s)

③ e.g. 200 lx (0.5 s)

④ Lock/unlock (0.5 s)

Max lux output, luminaires (Required lux level and max output, luminaires - must be done first)

① Lock/unlock (0.5 s)

② Lux (0.5 s)

③ e.g. 400 lx (0.5 s)

④ 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)

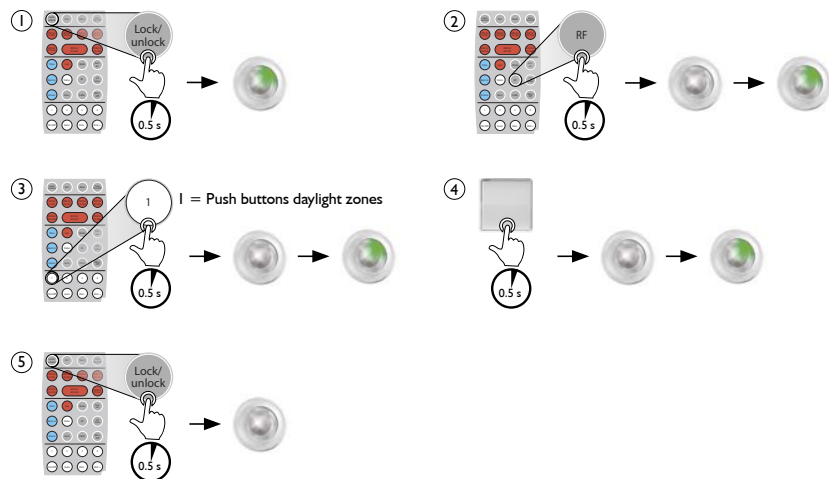
Time 4 - Orientation light timer

- 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)
- 4B On/Off e.g. Off (0.5 s)
- 5 Lock/unlock (0.5 s)

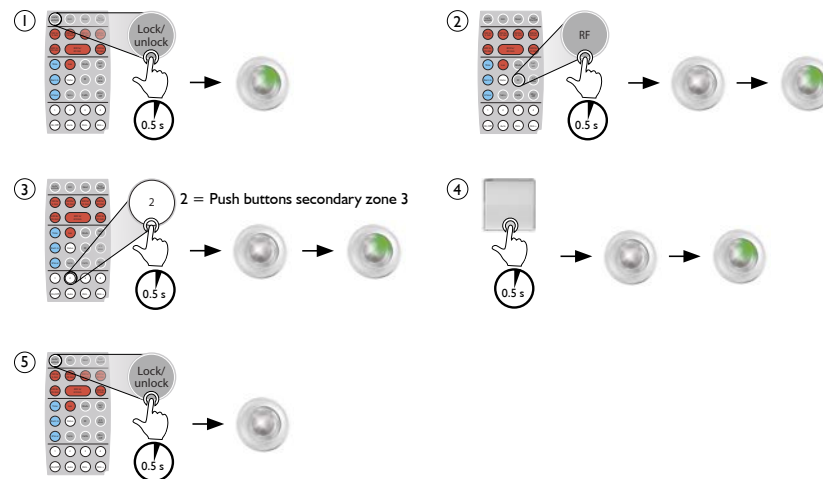
OR



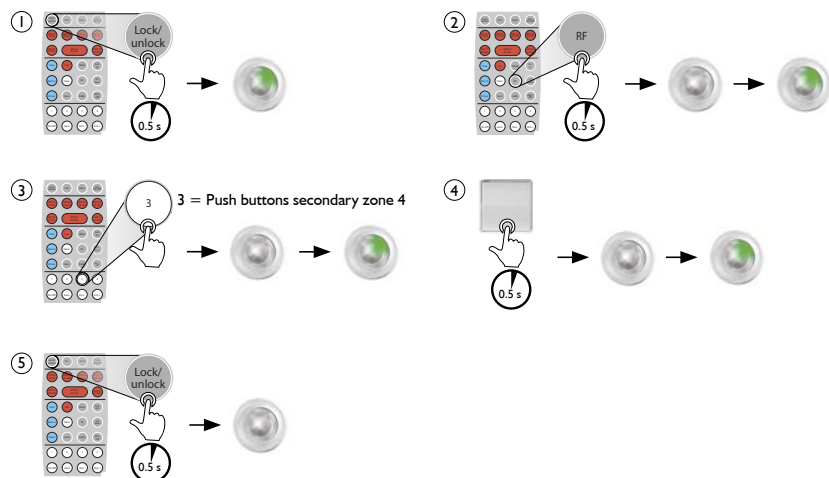
Learn-in wireless push buttons (daylight zones)



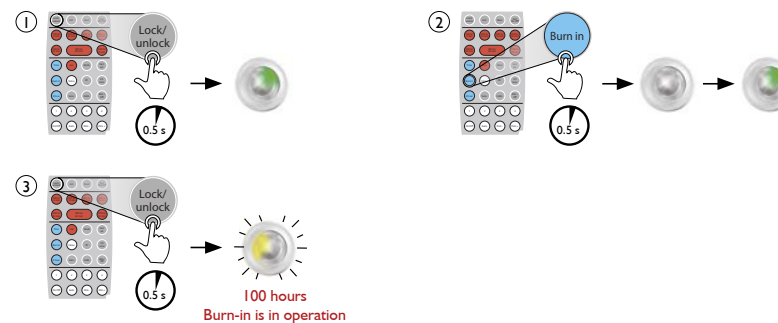
Learn-in wireless push buttons (secondary zone 3)

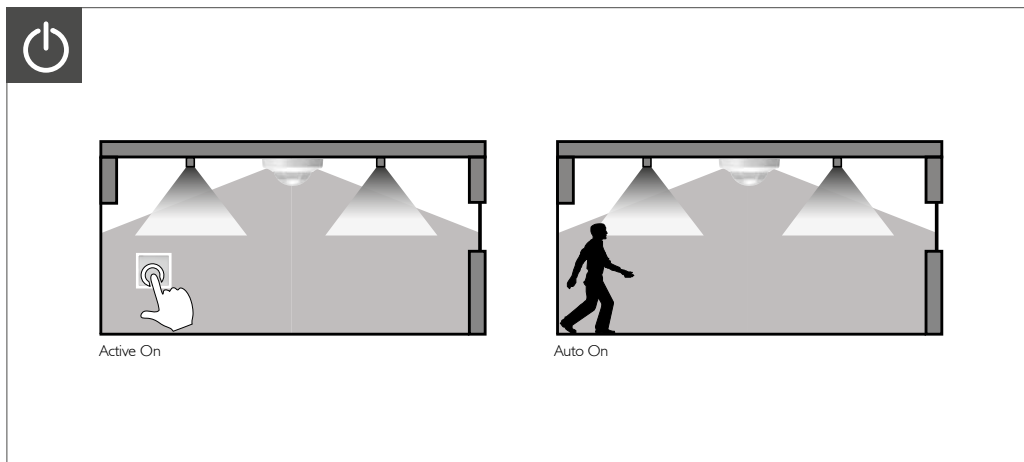


Learn-in wireless push buttons (secondary zone 4)



Enable burn-in





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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.