



!

DALI
13 V DC/
200 mA

100-2000 lux

5 min.-∞

IP 54

360°

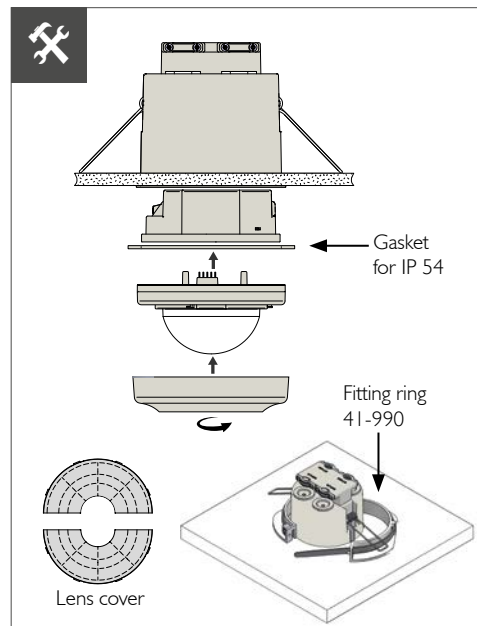
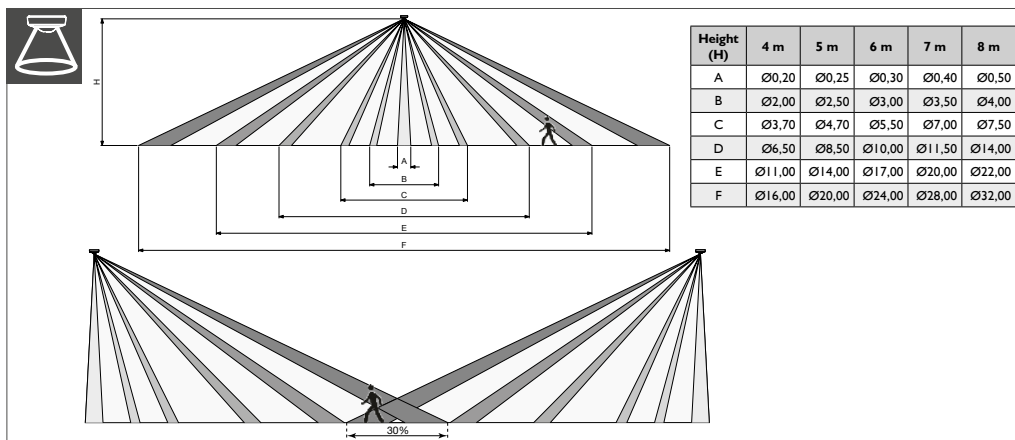
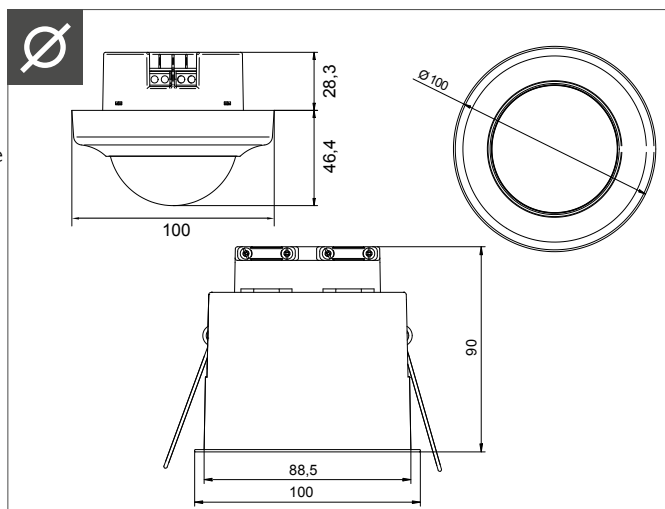
800 m²

4-8 m

-5°C-+50°C

99-760WA1 High Ceiling

Bevægelsessensor DALI, 3 zoner
Motion detector DALI, 3 zones
Bewegungsmelder DALI, 3 Zonen
Détecteur de mouvement DALI, 3 zone
Rörelsesensor DALI, 3 zoner
Bevegelsessensor DALI, 3 soner



ATTENTION!
Commissioning by the Niko Sensor Tool app
- select detector **41-760**
using IR-dongle 41-936 for smartphone

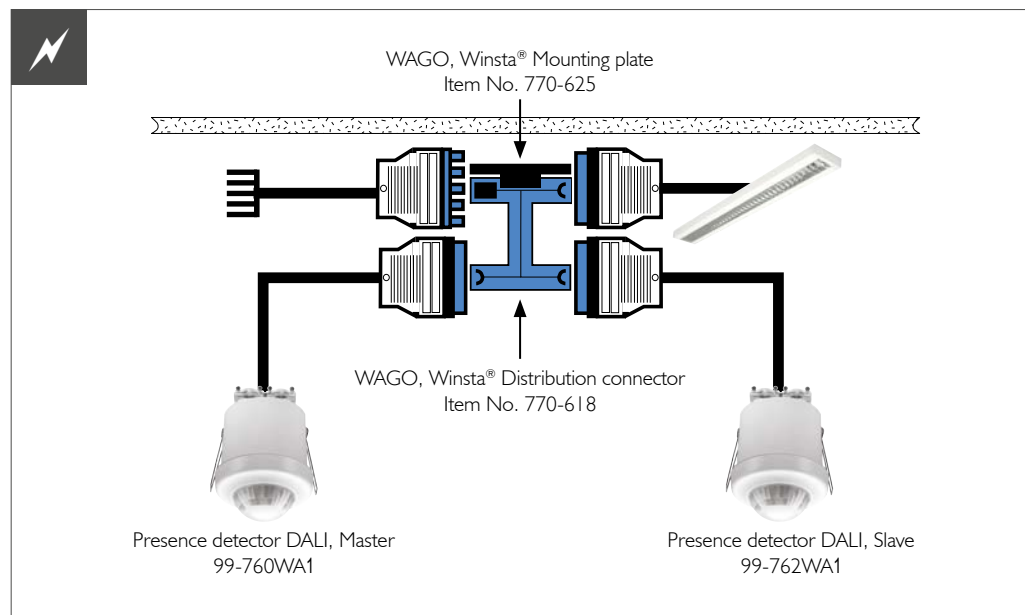
Note!
Limited functionality
compared with detector
41-760 - only Auto On/Off
via detector.

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 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 11
For other settings continue with step 5-11
5. Select the number of daylight zones, 2 or 3.
6. Choose whether the daylight zones are to remain at the minimum level or if they are to turn off in case of over illumination.
7. Set the required lux level for the daylight zones.
8. Set the maximum lux output for the lighting system.
See documentation for the lighting system or measure with a lux meter.
9. Set times.
10. 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.
11. Enable a "Burn-in". Applies to fluorescent tube lights only.

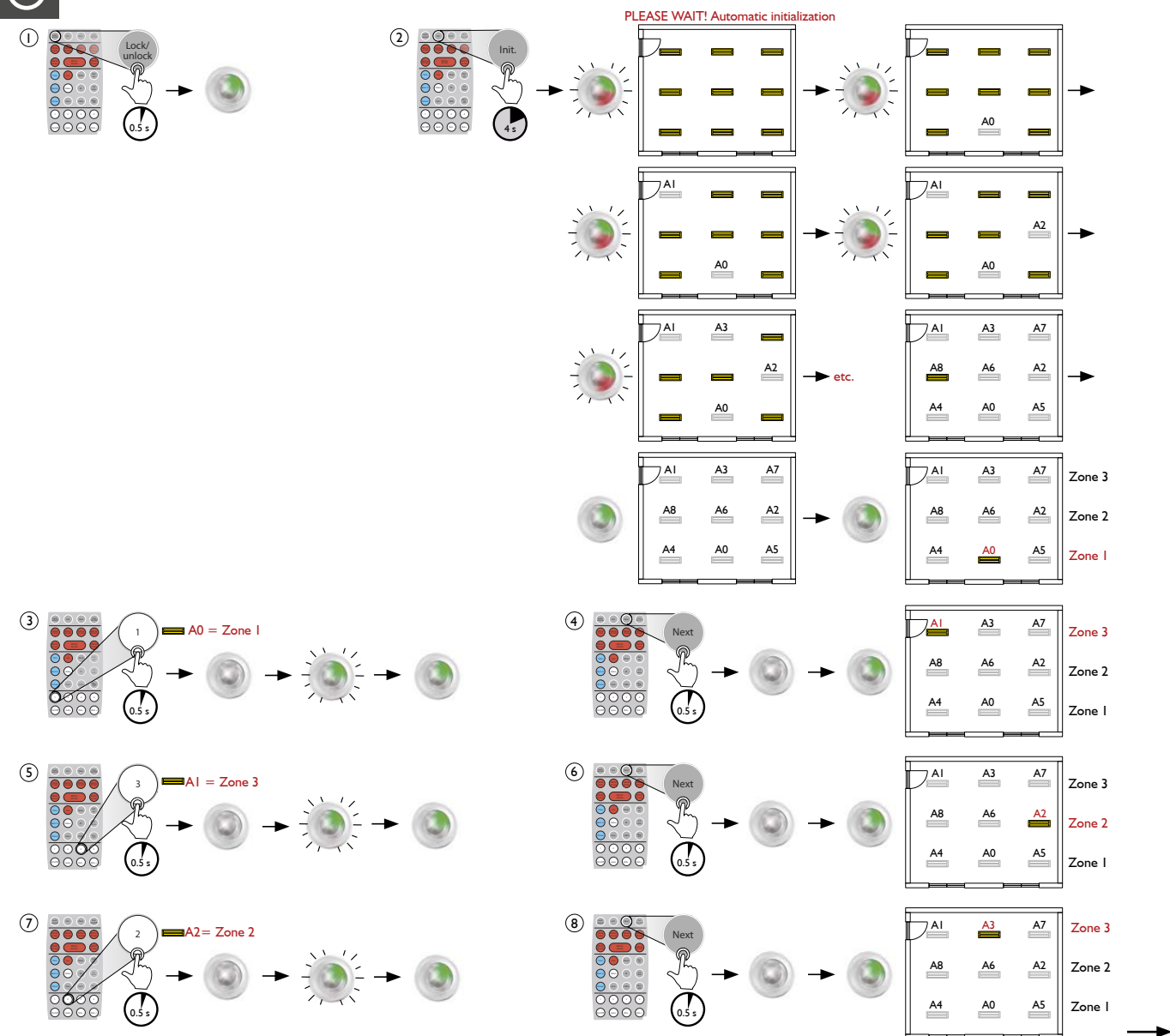


Factory settings

| | |
|-----------------------------|--------------------------------------------------------------------------------|
| App.: | Daylight control |
| 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

9. Press **3** → **A3 = Zone 3** → **ect.**

10. Press **Next** → **0.5 s** → **Zone 3** (A1, A3, A7), **Zone 2** (A8, A6, A2), **Zone 1** (A4, A0, A5)

11. Press **2** → **A8 = Zone 2** → **0.5 s**

12. Press **Next** → **0.5 s** → **A0..A8 = Done** → **Zone 3** (A1, A3, A7), **Zone 2** (A8, A6, A2), **Zone 1** (A4, A0, A5)

13. Press **Lock/unlock** → **0.5 s** → **Please note! Detector will start daylight calibration cycle as soon as light conditions allow it!**

Select 2 or 3 daylight zones

1. Press **Lock/unlock** → **0.5 s**

2A. Press **2/3 zone** → **0.5 s** → **3 Zones**

OR

2B. Press **2/3 zone** → **0.5 s** → **2 Zones**

3. Press **Lock/unlock** → **0.5 s**

Select Minimum or Off, daylight zones

1. Press **Lock/unlock** → **0.5 s**

2A. Press **Min./Off** → **0.5 s** → **Off**

OR

2B. Press **Min./Off** → **0.5 s** → **Minimum**

3. Press **Lock/unlock** → **0.5 s**

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

1. Lock/unlock button (0.5 s)
2. Lux button (0.5 s)
3. 200 lx / 10 min (e.g. 200 lx) (0.5 s)
4. Lock/unlock button (0.5 s)

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

1. Lock/unlock button (0.5 s)
2. Lux button (4 s)
3. 400 lx / 30 min (e.g. 400 lx) (0.5 s)
4. Lock/unlock button (0.5 s)

Time 1 - Off delay timer

1. Lock/unlock button (0.5 s)
2. Time button (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 button (0.5 s)

Time 4 - Orientation light timer

1. Lock/unlock button (0.5 s)
2. Time button (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 button (0.5 s)

