Manual
ECO LED E with Sensonic Basic

Information about Sensonic Basic controller

Versatile

Sensonic Basic is set up by default with appropriate parameters for a standard office environment, ideal for fully automatic use.
In order to simplify the set up of a larger number of lights, an automated process has been implemented. By pressing and holding the sensor's button, the process is started and runs completely automatically (measuring daylight and changing the settings accordingly).
User intervention or storing individual target values are possible using the the button on the stand at any time.

Remotely controllable

Sensonic Basic can be also controlled remotely from the work place by an infra-red interface receiver into the sensor. There is a simple and functional remote control available, which enables the user to regulate the brightness and also recall stored light situations.
With the enhanced configuration remote, the person responsible has a tool at their disposal, which enables them to adjust the controller's behaviour to individual requirements: shut-off time, dim level, standby behaviour, fade time, etc. can all be set up individually.

Presence detection

The presence sensor area can be restricted depending on its use by using two removable and rotatable blinds, in order to avoid the light switching on when not desired (for example when shadows are cast on the floor).

Operation

Switching on and off
The lamp comes on automatically when someone is present, and switches off automatically when no one is there. It is possible to switch the light on and off manually by briefly pressing the button on the stand.

Dimming level
Press and hold the button on the stand (fig. 1) and set the desired brightness temporarily by releasing the button (to implement more long-term specification of a desired level see Set-up.

Set-up

A desired brightness level can be set manually or automatically. Alternatively, these settings can also be carried out with the optional master remote. The process of configuring with remote control is described in the separate remote control manual.

Please note: In order for the lighting intensity to be measured usefully, there must be no objects or people between the sensor and the reference surface when the desired brightness level is being stored.

Automatic setting of the desired brightness level (auto set-up)
During the auto set-up process, the desired brightness level is set to 80% of the maximum artificial lighting strength.

Procedure:
1. Reduce the amount of daylight as much as possible, for example by closing the blinds to avoid overloading the sensor.
2. Connect the lamp to the mains supply and switch the lamp on.
3. Confirm the prog button by the sensor (lamp head) for 10s until the lamp flashes (fig. 2).
4. The burn-in phase (approx 180s) will begin until the lamp's luminous flux stabilises. The sensor LED will flash, alternating between red and green for the duration of the burn-in phase
5. After the burn-in phase has completed, the lamp switches off briefly and back on again and the lighting value at 80% artificial lighting is measured and set and stored as the desired brightness level.

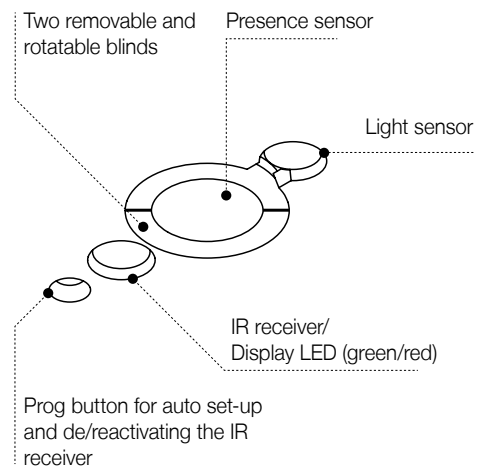Manual specification of the desired brightness value

Fig. 1

Two removable and rotatable blinds
Presence sensor
Light sensor
IR receiver/ Display LED (green/red)
Prog button for auto set-up and de/reactivating the IR receiver
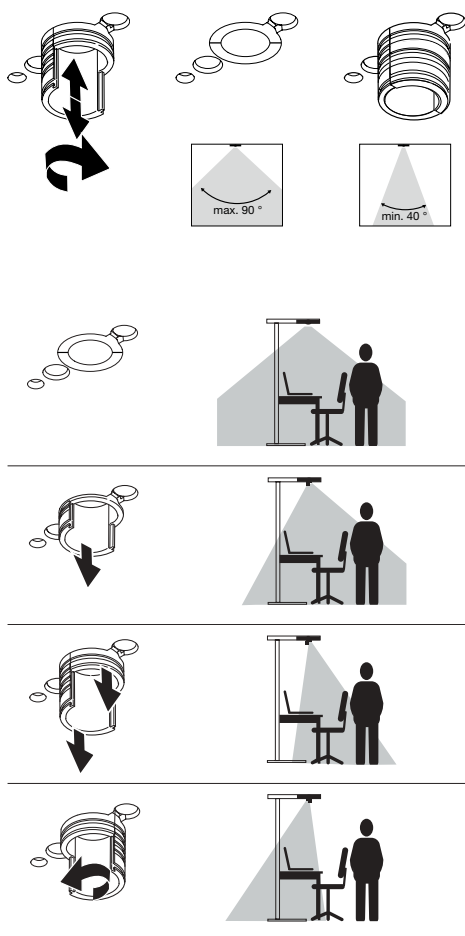
Fig. 2

Fig. 3

Fig. 4

Procedure:

1. Reduce the amount of daylight as much as possible, for example by closing the blinds to avoid overloading the sensor.
2. Connect the lamp to the mains supply and switch the lamp on.
3. Dim the lamp to the desired brightness level by pressing and holding the button on the stand tube.
4. Double click to confirm the desired brightness level.
5. The lamp switches off briefly and then back on again, measures the desired brightness level, during which the sensor LED will flash, alternating between red and green.
6. The desired brightness level is stored.

Restricting the detection area of the motion sensor

The display LED on the sensor element flashes each time it detects movement. With a small screwdriver it is possible to remove one or two blinds on the movement sensor if necessary. By turning and pointing the blinds, the detection area can be restricted (fig. 3, 4).

Shut-off time

The default shut-off time is set to 15 minutes. The shut-off time can be individually adjusted using the optional master remote.

Customer-specific settings

Customer-specific settings can be defined and adjusted (eg. manual on/auto off, deactivating daylight control, presence detection, etc.) with the master remote. You can find more detailed information in the remote control manual. Please see the separate remote control manual.

Optional accessories:

Item no. Z00 0001 Sensonic Basic, Master Remote, (configuration remote control).
Item no. Z00 0002 Sensonic Basic, User Remote, (configuration remote control).