

LCHB-SENSOR-T motion sensor (mounting height **max. 12 m**) and **LCHB-REMOTE-T** programming remote for the 240-270-300 W round high bay: brightness, hold time, daylight threshold, stand-by time and level.

SENSOR AND REMOTE



Left: LCHB-SENSOR-T sensor (max. 12 m mounting height) · right: LCHB-REMOTE-T remote control.

REMOTE CONTROL



Top: display area (setting indicators) · bottom: button setting area.

SENSOR SETTINGS

Brightness	0-100% · quick setting: 70 / 80 / 90 / 100%
Sensitivity	Non-applicable (N/A)
Hold time	10 s / 1 min / 10 min / 30 min
Daylight threshold	10 / 30 / 50 / 100 lux / disable
Stand-by time	1 min / 30 min / 60 min / +∞
Stand-by dimming	10 / 20 / 30 / 50%
Detection range	Max. Ø 15 m (ceiling mounted), max. 20 m (wall mounted)

DISPLAY AREA

Indicator	Values
BRIGHTNESS	70 / 80 / 90 / 100%
HOLD TIME	10 s / 1 min / 10 min / 30 min
DAYLIGHT	10 / 30 / 50 / 100 lx
SENSITIVITY	N/A
STANDBY DIM	10 / 20 / 30 / 50%
STANDBY TIME	+∞ / 1 min / 30 min / 60 min

BUTTON SETTING AREA

Button	Function
ON/OFF	Long press "ON/OFF" until the brightness indicator light (first row) is on. Press to turn the fixture on or off.
BRIGHTNESS	Press to adjust the dimming level: 70 / 80 / 90 / 100%.
SEND	Press to save the settings after each change. The indicator light confirms the save.
HOLD TIME	Press to adjust the hold time: 10 s / 1 min / 10 min / 30 min.
DAYLIGHT	Long press until the daylight indicator light is on, then press to adjust the daylight threshold: 10 / 30 / 50 / 100 lx.
SENSITIVITY	Note: PIR and microwave motion sensors have no sensitivity setting; default 100%.
STANDBY DIM	Press to adjust the stand-by dimming level: 10 / 20 / 30 / 50%.

BUTTON SETTING AREA (CONTINUED)

Button	Function
STANDBY TIME	Press to adjust the stand-by time: +∞ / 1 min / 30 min / 60 min. Note: "+∞" means unlimited stand-by time, and the control mode is then light control priority mode; otherwise it is light threshold mode.
RESET	Press "RESET": products with DIP switches are then controlled by the DIP switches; otherwise all settings change to: brightness 70% / hold time 10 s / sensitivity 20% / daylight threshold disabled / stand-by dimming 10% / stand-by time +∞.
TEST	For testing after commissioning: pressing this button puts the sensor in test mode (hold time only 3 s).
+	Increase brightness (0-100%).
-	Reduce brightness (100%-0%).

⚠ ATTENTION

- A setting is sent only if the remote control is on. If no button is pressed within 10 seconds, the indicator light goes out.
- When using the "ON/OFF" button, all buttons except "ON/OFF", "BRIGHTNESS" and "SEND" are disabled.
- When using the "TEST" button, all buttons except "TEST", "SENSITIVITY" and "SEND" are disabled.
- For **every change**, press "SEND" to save it.
- Because the dimming ratio differs between power supplies, at a different wattage the percentage set by "BRIGHTNESS" and "STANDBY DIM" will differ from the measured power.
- Light control priority mode: the on/off illumination values of each step are 10/50 lx, 30/100 lx, 50/150 lx and 100/200 lx.
- Light threshold mode: the on/off illumination values of each step are 10 / 30 / 50 / 100 lx; when the light level is below the set value and movement of a person or object is detected, the light turns on at the preset brightness.

PROGRAMMING EXAMPLE

- 1 Power on the LED fixture with the installed sensor.
- 2 Program the remote control: 2.1 Touch "BRIGHTNESS" and tap until the desired % is selected. 2.2 Touch "HOLD TIME" and tap until the desired time is selected. 2.3 Touch "STANDBY DIM" and tap until the desired % is selected. 2.4 Touch "STANDBY TIME" and tap until the desired time is selected. 2.5 Touch "SEND" to save your settings. 2.6 Then use "SEND" to program other fixtures if desired.

MICROWAVE SENSOR NOTES

- Microwaves can penetrate walls or glass thinner than 20 cm: movement in adjacent corridors may be detected.
- The detection area is affected by the speed of motion, mounting height and movement volume.
- Avoid mounting where the luminaire itself shakes, which causes false triggering (rooftop HVAC, upper floor vibration, etc.).
- Do not install next to large operating machines such as ventilators or ceiling fans: their vibration causes false triggering.
- Microwaves cannot penetrate metal: a large metal object near the sensor may create a "dead zone" behind it.
- Microwave sensors have an advantage over PIR devices in that they can operate in hot environments; however, they are sensitive and can be falsely triggered by everyday items like ceiling fans, moving branches or curtains, loose packaging, etc.
- Other options may be available: consult LEDCO. Specifications and data are subject to change without notice.
- **Test microwave sensors beforehand** if they are used close to airports, communication towers, etc.