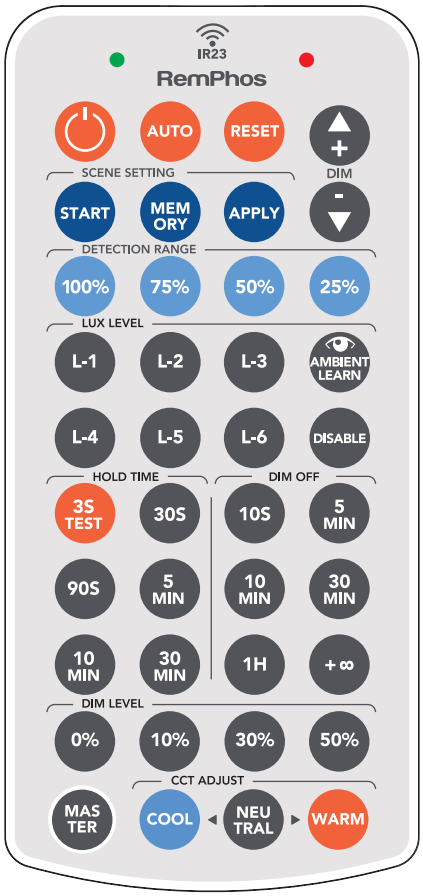
RemPhos

IR23 REMOTE



NOTE FOR LBI AND LBI 65 ONLY

- The buzzer short beeps (~0.5s) ONCE when sensor successfully receives RC signal after pressing any button.
- When"twilight level"set at 0%, it becomes ON/OFF control.
- The sensor controls the LBI fixtures w/ 0-10V inputs. Even if on/off only function is desired, the sensor is only compatible w/ PRO series LBI products. (Not compatible w/ LBI Base series)

PERMANENT ON/OFF FUNCTION

Press **ON/OFF** button, fixture goes to permanent on or permanent off mode, sensor is disabled. With memory function against power failure.

* Press **AUTO** or **RESET** or **AMBIENT LEARN** to quit this mode.

AUTO

SENSOR MODE

Press **AUTO** button, the sensor starts to work and all settings remain the same as the latest status before the light was switched on/off.

RESET

RESET FUNCTION

Press **RESET** button to restore all setting to factory defaults.

FOR SENSORS W/ NORMAL BI-LEVEL DIMMING FEATURE, FACTORY DEFAULT SETTINGS

- DETECTION RANGE = 100%
- LUX LEVEL = DISABLE
- HOLD TIME = 90 SEC
- DIM OFF = 5 MIN OR +∞ (DEPENDANT ON THE FIXTURE)
- DIM LEVEL = 10%

FOR SENSORS W/ DAYLIGHT HARVEST FUNCTION / CONSTANT-LUX FEATURE, FACTORY DEFAULT SETTINGS

- DETECTION RANGE = 100%
- LUX LEVEL = DISABLE
- HOLD TIME = 5 MIN
- DIM OFF = +∞
- DIM LEVEL = 10%

* Daylight harvest function / Constant-Lux is N/A in factory default.

DIM

DIM+/-

FOR SENSORS W/ NORMAL BI-LEVEL DIMMING FEATURE

Press **DIM (+)** button to dim up the fixture step by step
20% - 40% - 60% - 80% - 100%
Press **DIM (-)** button to dim down the fixture step by step
100% - 80% - 60% - 40% - 20%

FOR SENSORS W/ DAYLIGHT HARVEST FUNCTION / CONSTANT-LUX CONTROL FEATURE

Press **DIM (+)** button to dim up the fixture step by step
60% - 70% - 80% - 90% - 100%
Press **DIM (-)** button to dim down the fixture step by step
100% - 90% - 80% - 70% - 60%

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ONE-KEY COMMISSIONING

START

Long press **START** button for 2s till green LED permanent on, then input all desires settings by pressing the buttons in each function zone, the green LED will flicker ONCE to indicate the operation success.

* The whole settings input process has to be completed within 10s, otherwise, re-operation of step 1 is needed.

MEMORY

Press **MEMORY** button to memorize all settings parameters, the green LED will flicker ONCE to indicate the operation success.

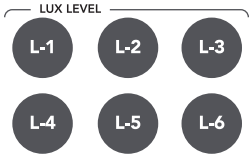
APPLY

Press **APPLY** button to copy the same settings to other sensors, point the remote control to the receiving sensor for minimum 2s, the red LED will flicker to indicate the operation success, the receiving sensor will buzz also to indicate success.

e.g. To setup detection range 50%, lux level 200lux, hold time 30s, dim off 1h, dim level 100%, the steps should be:

- Press **START** button for 2s, choose **50%**, **200lux**, **30s**, **1h**, **10%** function zone button within 10s.
- Press **MEMORY** button.
- Press **APPLY** to other sensors, then all of them will share the same settings.

LUX-LEVEL SETTING



FOR SENSORS W/ NORMAL BI-LEVEL DIMMING FEATURE

L-1 = 2LUX L-2 = 10LUX L-3 = 25LUX
L-4 = 50LUX L-5 = 100LUX L-6 = 200LUX

FOR SENSORS W/ DAYLIGHT HARVEST FUNCTION / CONSTANT-LUX CONTROL FEATURE

L-1 = 100LUX L-2 = 150LUX L-3 = 200LUX
L-4 = 400LUX L-5 = 500LUX L-6 = 1000LUX

AMBIENT LEARN

Press the **AMBIENT LEARN** buttonto capture the current ambient lux level. This value overwrites the previouslt learned lux setting and is saved as the new lux level, helping ensure optimal perfromance in real-world applications.

DISABLE

Press **DISABLE** button, the lux level will be disabled, the motion sensor will work always, even in daytime.

TEST MODE

For testing purpose only. It allows users to verify functionality and select the desired detection range. The sensor automatically enters Test Mode when this button is pressed.

Exit this mode by pressing **ON/OFF**, **RESET**, or any button of **HOLD TIME**. The sensor settings are changed accordingly

TEST MODE DEFAULT SETTINGS

- LUX LEVEL = DISABLE
- HOLD TIME = 3S
- DIM OFF = N/A
- DIM LEVEL = N/A

After motion detected, sensor enters into a cycle of 3s on and 2s off (0.5s soft off + 1.5s off).

MASTER (reserved for future functionality)

CCT ADJUST (reserved for future functionality)

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