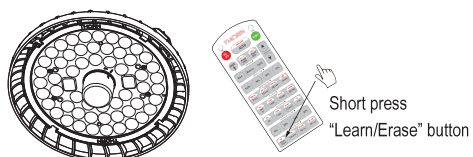


Electrical Specifications

Nr.	Items	Min.	Type	Max.	Condition	MODEL
1	Input voltage (V)	85	230	240	50 - 60Hz,AC	MASTER, SLAVE
2	Input frequency (Hz)	47	50/60	63		MASTER, SLAVE
3	Power loss(W)			1.5		MASTER, SLAVE
4	Carrying capacity output: Max.			400W	LED	MASTER, SLAVE
5	Detection radius (m)	3	6	8	12m installation height	MASTER
6	Installation height (m)		12	15		MASTER, SLAVE
7	RF frequency and modulation mode		868.35 MHz			MASTER, SLAVE
8	RF transmission distance (m)	10	15	30		MASTER, SLAVE
9	Working humidity (RH%)	20	50	90		MASTER, SLAVE
10	Operating temperature (°C)	-20	25	+50		MASTER, SLAVE
11	IP rating			65		MASTER, SLAVE
12	Storage temperature (°C)	-35	25	+55		MASTER, SLAVE

Step grouping



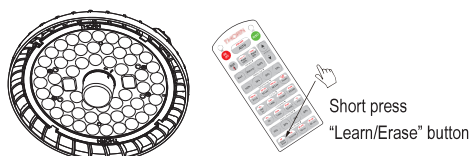
Step 1

To group luminaires, start by setting them to learn mode: point the IR remote to the sensor in the centre of each luminaire and short press the Learn/Erase button.



Step 2

Next, short press the "transmit" button, pointing to the master unit (sensor), the LED indicator should flash three times, and luminaire once, to show the signal has been sent. Short press "learn/erase" on RF node/slave luminaires to quit pair mode. The luminaire will confirm in the same way. Group matching maintenance time is 10 minutes.

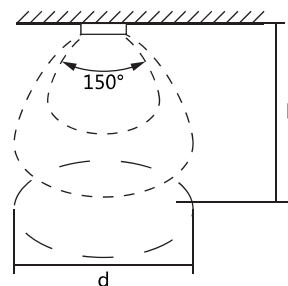


Step 3

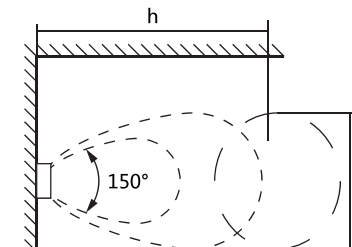
Long press "Learn/Erase" button for 3s, and the receiver unit clears all commands it has received before (the luminaires & RF device LED indicator will rapidly blink)

i Motion detection area

Ceiling mounted



Wall mounted



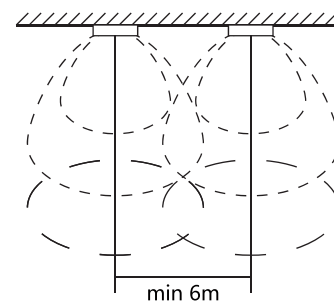
h	d
6m	10m
8m	12m
12m	16m
15m	8m



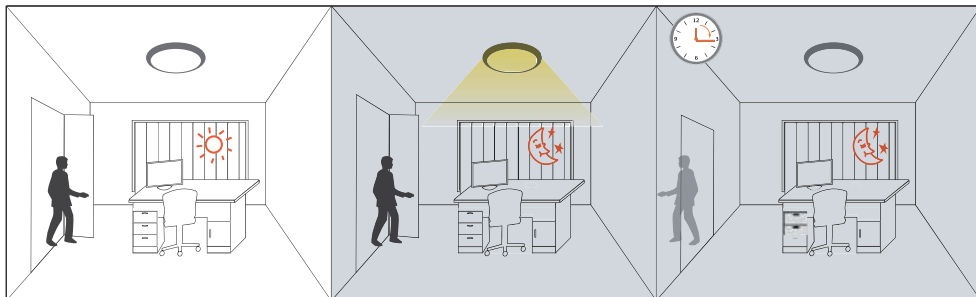
Values may differ significantly!

The test requires adults to move at a speed of 0.5-1m, and different applications have a certain influence on the detection area.

Distance between all master & slave sensors



Be aware of interference between sensors may impact it.



The light keeps off during daytime even when movement is detected. (Ambient lux level is above preset daylight threshold)

With movement and insufficient ambient lux level, the light is triggered on by the detector.

If there is no more movement, the light turns off automatically after hold-time preset.

Functional Characteristics:

The main features of the Master

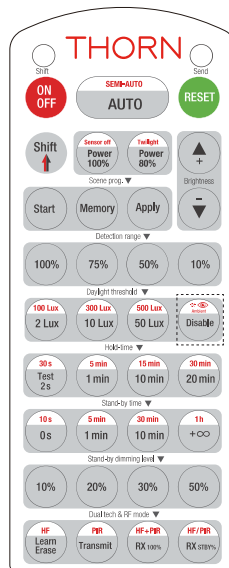
1. When Daylight threshold is activated, the luminaire will only turn on if both: the ambient light is lower than the set threshold, and the sensor detects movement
2. The Master sends an RF signal together with a "PING" RF signal to the Slave every 10 minutes to check functionality
3. Factory default setting: Induction sensitivity 100%, induction delay (hold time) 5 minutes, LUX uncontrolled /disable

The main features of the Slave

1. When receiving the Master send the RF signal, it will exit the constant light mode, and will light up after not receiving the RF signal for 30 minutes
2. Factory default setting: induction delay (hold time) 5minutes

LOAD INDICATION

The light will flash ONCE rapidly after receiving the command from the remote controller.
Note: There is no load indication (the light will not flash) when button ON/OFF



1	Brightness detect component	Light diode	MASTER SLAVE
2		Press button "ON/OFF" to select permanent ON or permanent OFF mode Press button "AUTO", "RESET" to quit this mode. The mode will change to AUTO Mode after power failure	MASTER SLAVE
		Press button "AUTO" to initiate automatic mode. The sensor starts working and all settings remain as before the light is switched ON/OFF	MASTER
		Press button " RESET" , all settings go back to factory default setting: MASTER: detection area:100% Hold time:5min Daylight sensor: disable SLAVE:Hold time:5min	MASTER SLAVE
		Press button "Shift", the LED on the top left corner is on to indicate mode selection. All values / settings in RED are valid for 20 seconds	MASTER SLAVE
	Detection range ▼	Press buttons in zone " Detection range" to set detection range at 100% / 75% / 50% / 10%.	MASTER
	Daylight threshold ▼	Press buttons in zone " Daylight threshold" to set daylight sensor at 2Lux/ 10Lux / 50Lux / 100Lux /300Lux / 500Lux / Disable. Note: To set daylight sensor at 100Lux / 300Lux / 500Lux, press " Shift" button first.	MASTER
	Hold-time ▼	Press buttons in zone " hold - time" to set the hold - time at 2s / 30s / 1min / 5min / 10min / 15min /20min / 30min. 1. To set hold - time at 30s / 5min / 15min / 30min, press " Shift" button first.	MASTER SLAVE
		2. 2s is for testing purpose only, stand - by period and daylight sensor settings are disabled in this mode. *To exit from Test mode, press button " RESET" or any button in " Hold - time" . All buttons in zone " stand - by time" , " stand - by dimming level & Auto - config" , " Dual tech & RF mode" are disabled.	MASTER SLAVE
		1. Press button " Shift" , the red LED starts to flash. 2. Press : the surrounding lux level is sampled and set as the new daylight threshold.	MASTER
	Scene prog. ▼	1. Press button "Start" to program. 2. Select the buttons in "Detection range", "Daylight threshold", "Hold - time" to set all parameters. 3. Press button "Memory" to save all the settings programmed in the remote control. 4. Press button "Apply" to set the settings to each sensor unit(s). For example, to set detection range 100%, daylight threshold Disable, hold - time 5min, the steps should be: Press button "Start", button "100%", "Disable", "Shift", "5min", "Memory". By pointing to the sensor unit(s) and pressing "Apply", all settings are passed on the sensor(s)	MASTER SLAVE
3		1. Short press button "Learn/Erase" to activate pairing mode on all receiver luminaires to be paired(led indicator flash 3 times and luminaries blink once) Note: up to 30 units can be paired.	MASTER SLAVE
		2. Short press button "Transmit" at the sensor unit (master), led indicator flash 3 times and luminaries blink once to indicate the transmission signal has been sent. Repeat this process for two way communications a single sensor may act as both commander and receiver if luminaries are connected directly to the sensor The pairing/grouping time for receiver sustains for Max 10Min/600S or short press on learn/erase to quit pair mode. Long press " Learn/Erase" button for 3s, and the receiver unit clears all commands it has received before(the luminaries& RF device LED indicator will rapidly blink)	
4	IR Remote indication	IR indicator&load blink as IR signal received successfully from controller to RF device. The luminaries will flash once and led indicator flash 3 times rapidly after receiving the command from the remote controller. Note: There is no load indication (the light will not flash) when button ON/OFF, is pressed.	MASTER SLAVE
5	Connection terminal	L、 N、 L'	MASTER SLAVE
6	These keys on the remote control are invalid		N/A