

# N23143 & N23153 RF Setup

## N23153 – Master RF Transmitter Settings

### Detection area (See diagram below)

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely for each specific application.

	1	2	
I	●	●	100%
II	●	○	75%
III	○	●	50%
IV	○	○	10%

I – maximum range up to 100%  
II – 75%  
III – 50%  
IV – 10%

### Hold-time

Hold-time means the time period you would like to keep the lamp on 100% after the person has left the detection area.

	1	2	3	
I	●	●	●	5s
II	●	●	○	30s
III	●	○	○	1min
IV	●	○	○	5min
V	○	●	○	10min
VI	○	●	○	20min
VII	○	○	○	30min

I – 5s  
II – 30s  
III – 1 minute  
IV – 5 minutes  
V – 10 minutes  
VI – 20 minutes  
VII – 30 minutes

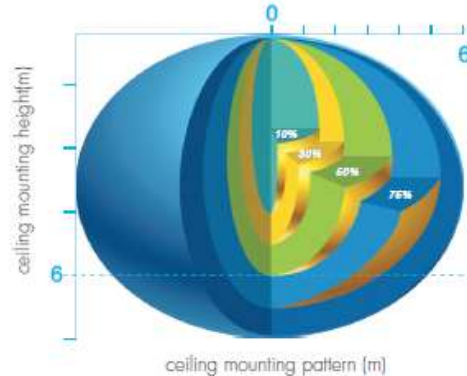
### Daylight sensor (See daylight threshold setting)

The daylight threshold can be set on DIP switches, to fit for particular application.

	1	2	
I	●	●	Disable
II	●	○	50Lux
III	○	●	10Lux
IV	○	○	2Lux

I – Disable  
II – 50Lux  
III – 10Lux  
IV – 2Lux

## Master Detection Area



## Technical

RF Communication Channels  
Microwave Frequency  
Microwave Power  
Detection Angle  
Master to Slave Distance  
RF Frequency

16 groups  
5.8GHz +/- 75MHz  
<0.2mW  
30-150°  
~30m max.\*  
433/868MHz

## N23143 – Slave RF Receiver Settings

### Stand-by period (corridor function)

This is the time period you would like to keep at the low light output level before it is completely switched off in the long absence of people.

Note: "0s" means on/off control;  
"+∞" means 2 steps dimming control, fixture never switches off.

	1	2	3	
I	●	●	●	0s
II	●	●	○	10s
III	●	○	○	1min
IV	●	○	○	5min
V	○	●	○	10min
VI	○	●	○	30min
VII	○	○	○	1h
VIII	○	○	○	+∞

I – 0s  
II – 10s  
III – 1 minute  
IV – 5 minutes  
V – 10 minutes  
VI – 30 minutes  
VII – 1 hour  
VIII – +∞

### Stand-by dimming level

This is the dimmed low light output level you would like to have after the hold-time in the absence of people.

	1	2	
I	●	●	10%
II	●	○	20%
III	○	●	30%
IV	○	○	50%

I – 10%  
II – 20%  
III – 30%  
IV – 50%

## Daylight Threshold Setting (Master)

This feature enables the Master to function well in any real application circumstance, where the daylight may vary widely.

To enable, rapidly cycle (off/on) power to the master 2x within 2 sec:

- The green LED on the sensor flashes slowly for 5 seconds
- The daylight sensor measures and remembers the surrounding lux for 1 sec.
- The green LED is on for 10s to indicate the success of learning.

NB: In spaces where the ambient light level varies widely between master and slave locations, it may be necessary to disable daylight sensing, if a balanced setting cannot be achieved.