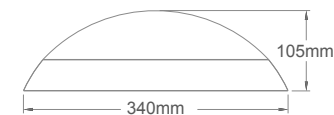


# OPERATING MANUAL

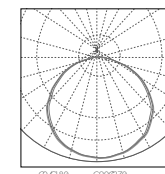
## Charlotte Master/Slave

Important: Please read the instruction manual carefully prior to installation and keep it for future reference.



Ordering code	Product	Power (W)	Function Description
	Fitting series		
Charlotte Master/Slave	Charlotte	15	RF wireless transceiver (master & slave) LED Fixture, Color Temperature selectable

Mounting: Wall or Ceiling  
 Light features:  
 CRI(Ra): >80Ra  
 Life Time: 50,000hrs  
 Light Source: LED SMD2835  
 Input:220V-240VAC 50/60Hz



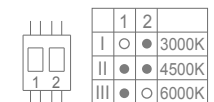
### Accessories

No.	Pic.	Qty	Usage
1		3	Fix light
2		3	Plastic parts
3		3	Plastic washer

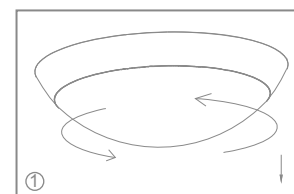
### Color temperature code:

Code	Color temperature	CCT(K)	Lumen
30K	Warm White	3000	1125
45K	Natural White	4500	1230
60K	Cool White	6000	1200

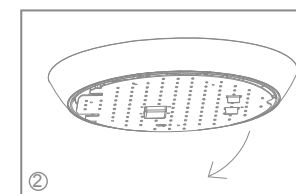
### CCT:



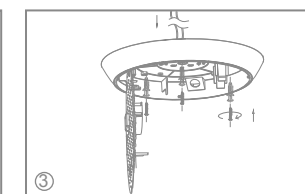
### Installation:



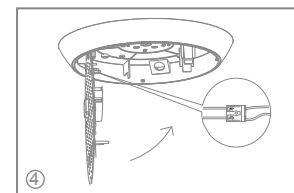
① Remove the cover.



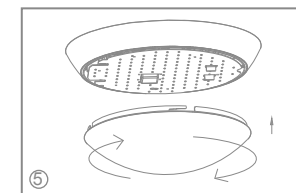
② Unlock the legs on the PCB board.



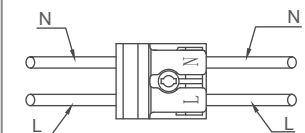
③ Fix the housing onto the ceiling.



④ Wire connection.



⑤ Close the cover.



## RF Grouping (Max. 16 channels)

Using screwdriver to adjust the rotary switch on both master & slave LED, to keep them pointing at the same channel and the grouping is then automatically completed.



## Setting options:

**ceiling mounting pattern (m)**

**Detection area**  
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 – 100%  
II – 75%  
III – 50%  
IV – 10%

**Hold-time**  
Hold-time means the time period to keep the lamp on 100% after the people 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 min  
IV – 5 min  
V – 10 min  
VI – 20 min  
VII – 30 min

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

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

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

**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.

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

I – 0s  
II – 10s  
III – 1min  
IV – 5min  
V – 10min  
VI – 30min  
VII – 1h  
VIII – +∞

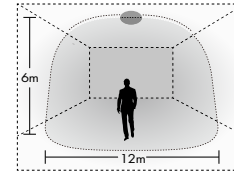
**Stand-by dimming level**  
This is the dimmed low light output level you would like to have after the hold-time in the absence of people.

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

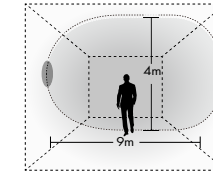
I – 10%  
II – 20%  
III – 30%  
IV – 50%

## Detection Pattern

ceiling mounting pattern (m)

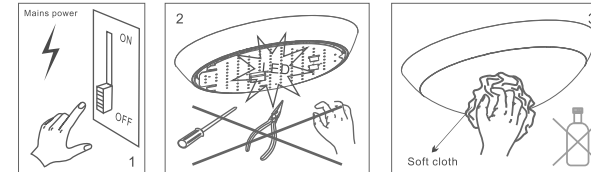


wall mounting pattern (m)



## Maintenance

1. Cut off the main power first
2. Don't touch LEDs while maintaining or cleaning
3. Don't use chemicals to clean the fixture.



Environmental protection: waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

## Caution:

1. The product must be installed by professional technicians and the power supply must be cut off before installation.
2. The installation wiring must be at least 0.75mm<sup>2</sup> and wired in accordance with the latest IEE electrical regulations or the national requirements.
3. Do not touch the electronic circuit and its components.
4. Contact an authorised technical service centre for any repairs required and use only original spare parts.
5. Do not touch LEDs while installing or maintaining.
6. The LED light source can not be replaced.

