luminex

Installationsmanual
LIVIA

Lux-405, Lux-406 INDVENDIG

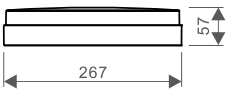
APPLICATION

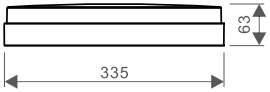
This is indoor LED ceiling lamp.

- Houses
- Offices
- Retail
- Schools
- Hotels
- Hospitals

MAIN TECHNICAL DATA

Input: AC 220-240V 50/60Hz
Light source: LED SMD2835
Working temperature: -25°C---+50°C -25°C---+40°C(with sensor)





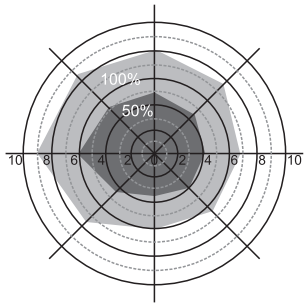
CAUTION

1. The product must be installed by professional technicians and power supply must be cut off before installation.
2. The installation wiring must be 2x 1.0-2.5mm^2 and wired in accordance with the latest IEE electrical regulations or the national requirements.(Recommend type of cable is H03VV-F)
3. The light source of this luminaire is replaceable, and it must be operated by professional technicians when power supply is cut off in advance.

DESCRIPTION OF MICROWAVE SENSOR

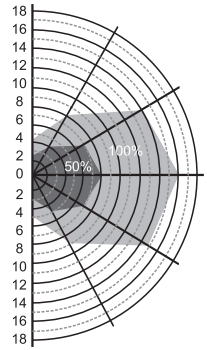
- Detection zone Max.(D x H): 12m x 6m
- Detection sensitivity: 50% or 100%, adjustable
- Hold time: 5sec-10min, adjustable
- Daylight On: 5-50Lux, adjustable or disable
- Daylight Off: 25-150Lux, adjustable or disable
- Stand-by Period : 0sec-+∞,adjustable (Refer to “Low light”)
- Stand-by Dim Level : 10% or 25%,adjustable
- Ceiling Mounting height: Max. 6m
- Motion detection: 0.3~3m/s
- Detection angle: 150°(wall installation), 360°(ceiling installation)

Ceiling mounting pattern (Unit: m)
Suggested installation height: 3m



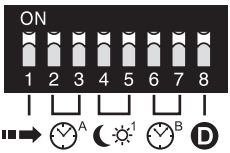
(Walking speed: 0.3m/s)

Wall mounting pattern (Unit: m)
Suggested installation height: 2m



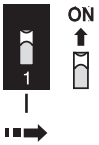
(Walking speed: 0.3m/s)

PARAMETER SETTING OF MICROWAVE SENSOR



Detection Area

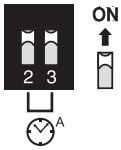
The detection range/sensitivity of the sensor may be adjusted if required.



	1	
I	ON	100%
II	—	50%

Hold Time

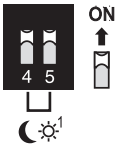
Hold time is the time the fitting remains at 100% brightness after motion is no longer detected.



	2	3	
I	ON	ON	5s
II	ON	—	1min
III	—	ON	5min
IV	—	—	10min

Daylight

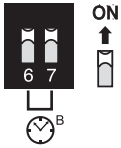
The daylight sensor may be used to switch the fitting off when there is sufficient natural light in the area.
When the daylight level drops below the “ON” value, the fitting will turn on at the standby level and the microwave sensor becomes active.
When the daylight level exceeds the “OFF” value, the light switches off.
The “disable” setting disables the daylight sensor.



	4	5	ON	OFF
I	ON	ON	5Lux	25Lux
II	ON	—	25Lux	75Lux
III	—	ON	50Lux	150Lux
IV	—	—	Disable	Disable

Standby time

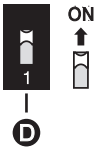
Standby time is the period the fitting remains at the standby level before it switches off.
If the standby level is set to +∞, the fitting always remains at standby level when the area is unoccupied.



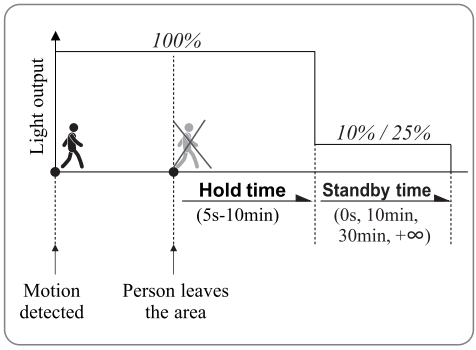
	6	7	
I	ON	ON	0s
II	ON	—	10min
III	—	ON	30min
IV	—	—	+∞

Standby level

The standby level is the lower brightness level.
When standby time is set to +∞, the standby level will be 10% and cannot be changed.

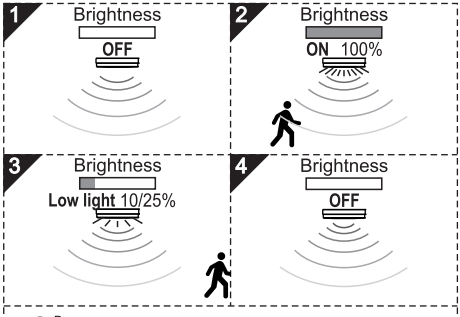


	8	
I	ON	10%
II	—	25%

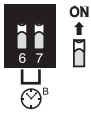


DESCRIPTION OF SENSOR FUNCTIONS

A Normal light-control function
Sensor with On/Low light(10-25%)/Off, three-step dimmable.

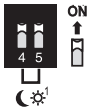


B Stand-by Period (Refer to "Low light")



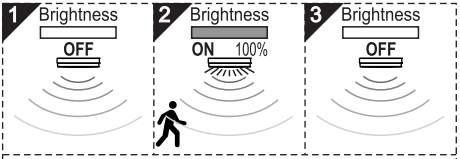
	6	7	
I	ON	ON	0s
II	ON	—	10min
III	—	ON	30min
IV	—	—	+∞

1 Daylight

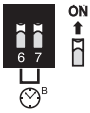


	4	5	ON	OFF
I	ON	ON	5Lux	25Lux
II	ON	—	25Lux	75Lux
III	—	ON	50Lux	150Lux
IV	—	—	Disable	Disable

B Normal light-control function
Sensor with On/Off, two-step dimmable.



B Stand-by Period (Refer to "Low light")

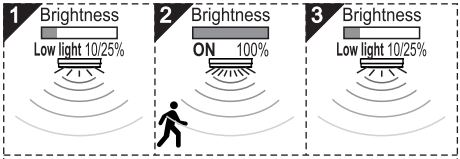


	6	7	
I	ON	ON	0s
II	ON	—	10min
III	—	ON	30min
IV	—	—	+∞

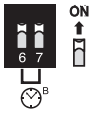
1 Daylight

	4	5	ON	OFF
I	ON	ON	5Lux	25Lux
II	ON	—	25Lux	75Lux
III	—	ON	50Lux	150Lux
IV	—	—	Disable	Disable

C Normal light-control function
Sensor with On/Low light(10-25%).



B Stand-by Period (Refer to "Low light")

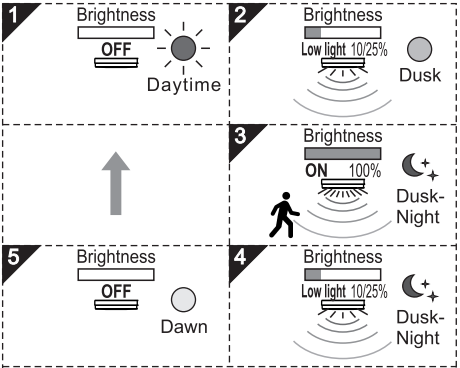


	6	7	
I	ON	ON	0s
II	ON	—	10min
III	—	ON	30min
IV	—	—	+∞

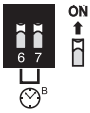
1 Daylight

	4	5	ON	OFF
I	ON	ON	5Lux	25Lux
II	ON	—	25Lux	75Lux
III	—	ON	50Lux	150Lux
IV	—	—	Disable	Disable

D Photocell prioritized function
Sensor with On/Low light(10-25%)



B Stand-by Period (Refer to "Low light")



	6	7	
I	ON	ON	0s
II	ON	—	10min
III	—	ON	30min
IV	—	—	+∞

1 Daylight

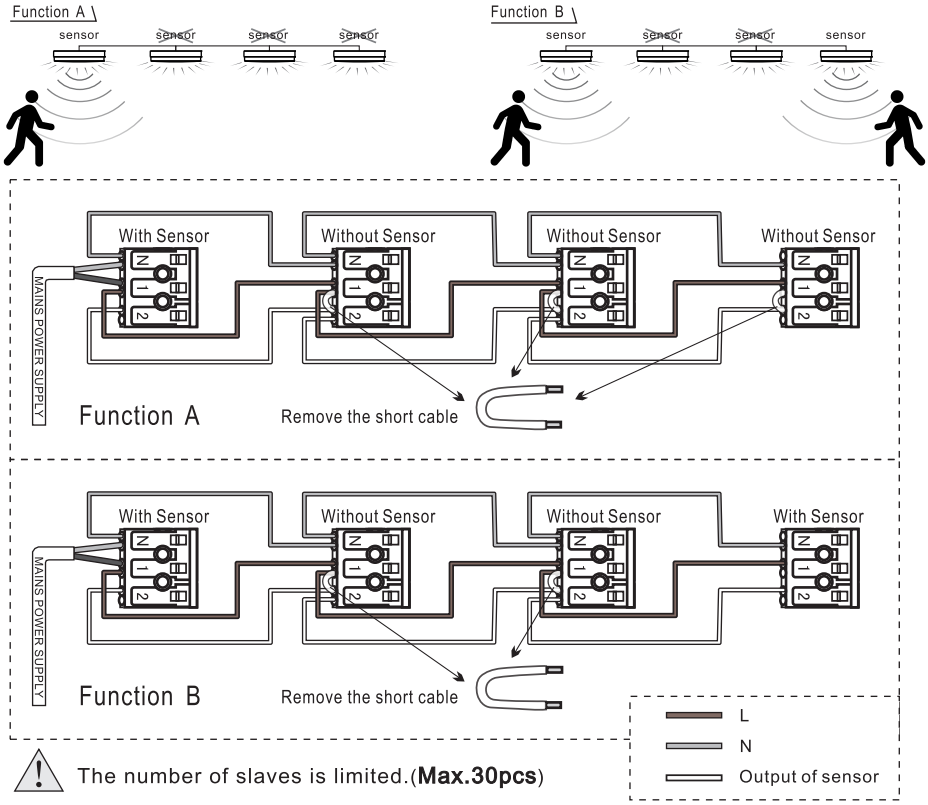
	4	5	ON	OFF
I	ON	ON	5Lux	25Lux
II	ON	—	25Lux	75Lux
III	—	ON	50Lux	150Lux
IV	—	—	Disable	Disable

TECHNICAL INFORMATION

Code	Input Voltage	LED Type	Input Power	Lumen	Sensor	CCT	Dimensions (ΦxH)
LUX-405A1-9W	220-240V~ 50/60Hz	SMD2835	9 W	900/450 Lm	——	3000K	Φ267x57 mm
LUX-405B1-9W	220-240V~ 50/60Hz	SMD2835	9 W	900/450 Lm	——	4000K	Φ267x57 mm
LUX-405A1-9W-S	220-240V~ 50/60Hz	SMD2835	10.5 W	900/450 Lm	Yes	3000K	Φ267x57 mm
LUX-405B1-9W-S	220-240V~ 50/60Hz	SMD2835	10.5 W	900/450 Lm	Yes	4000K	Φ267x57 mm
LUX-406A1-15W	220-240V~ 50/60Hz	SMD2835	15 W	1500/1000/700 Lm	——	3000K	Φ335x63 mm
LUX-406B1-15W	220-240V~ 50/60Hz	SMD2835	15 W	1500/1000/700 Lm	——	4000K	Φ335x63 mm
LUX-406A1-15W-S	220-240V~ 50/60Hz	SMD2835	16.5 W	1500/1000/700 Lm	Yes	3000K	Φ335x63 mm
LUX-406B1-15W-S	220-240V~ 50/60Hz	SMD2835	16.5 W	1500/1000/700 Lm	Yes	4000K	Φ335x63 mm

Parameter tolerance: ±10%

MASTER/SLAVE FUNCTION

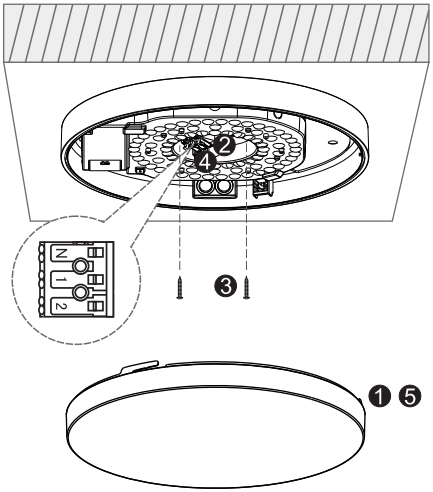


The number of slaves is limited.(**Max.30pcs**)

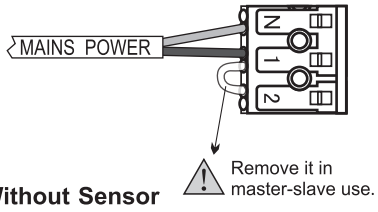
MOUNTING

SURFACE

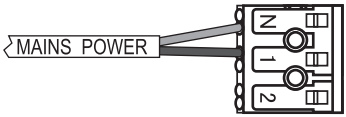
1. Disassemble the diffuser .
2. Pull in the power cord through the gasket.
3. Fix the fixture on the surface with screws .
4. Connect the power cord on the terminal correctly.
5. Assemble the diffuser.



Cable connection



Without Sensor

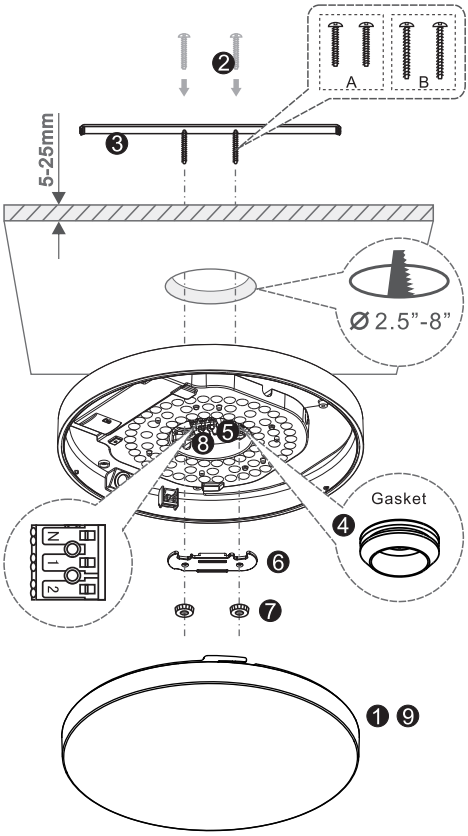


With Sensor (switched live not required)

FLUSH

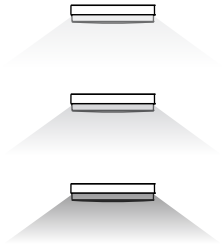
EXTRA ACCESSORY

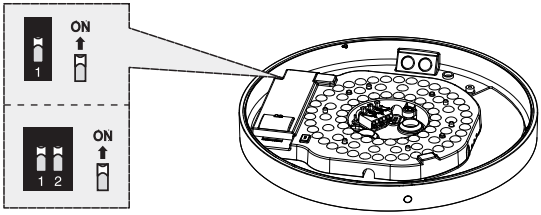
1. Disassemble the diffuser .
2. Assemble the screws A(suitable for 5-15mm thick ceiling) or B(suitable for 15-25mm thick ceiling) onto the bracket.
3. Put the bracket into the ceiling,make sure the screws go through the hole.
4. Remove two gaskets on the base.
5. Pull in the power cord through the hole.
6. Fix the plastic plate on the screws of bracket .
7. Screw the nuts.
8. Connect the power cord on the terminal correctly.
9. Assemble the diffuser.



SELECTABLE BRIGHTNESS

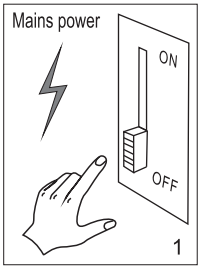
Different brightness settings by DIP switches on the driver.

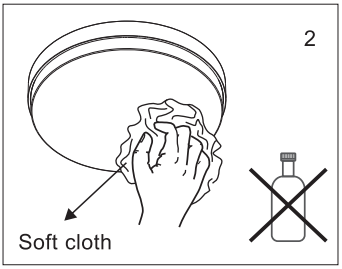




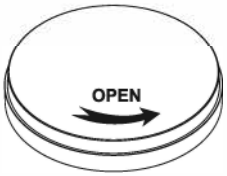
MAINTENANCE

1. Cut off the mains power first.
2. Don't use chemical reagent to clean lamp.

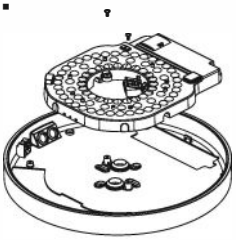




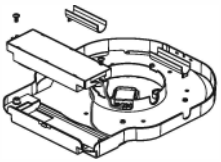
1. Open the diffuser



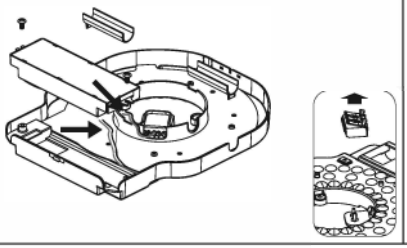
2. Remove the base



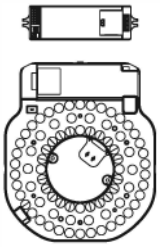
3. Dismantle all these parts

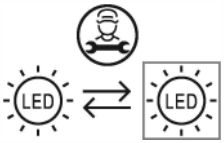


4. Disconnect all these wires and remove the terminal

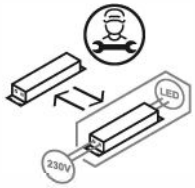


5. The control gear and the light source





Replaceable (LED only) light source by a professional



Replaceable control gear by a professional

This product contains a light source of energy efficiency class E

Please note, the control gear in this product is not intended to operate in no-load mode

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.