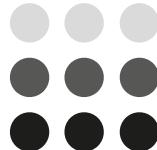


# Anleitung



## NX POWER LIGHTS



NX-WAL-270-9-3K-4K-HM-HF  
NX-WAL-340-23-3K-4K-HM-HF  
NX-WAL-340-23-3K-4K-VM-HF

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IP66

CE

✓RoHS  
2011/65/EU

## **APPLICATION**

This is outdoor wall mounted LED lamp .

- Houses
- Garden
- Retail
- Schools
- Hotels
- Hospitals
- Airports
- Open public area

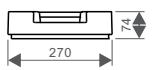
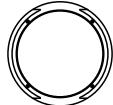
## **MAIN TECHNICAL DATA**

Input: AC 220-240V 50/60Hz

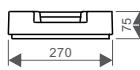
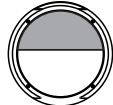
Light source: LED SMD2835

Working temperature: -25°C---+50°C

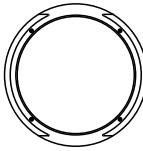
-25°C---+40°C(with sensor)



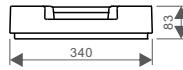
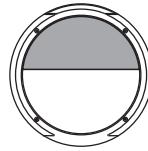
**NX-WAL-270 VM**



**NX-WAL-270 HM**



**NX-WAL-340 VM**



**NX-WAL-340 HM**

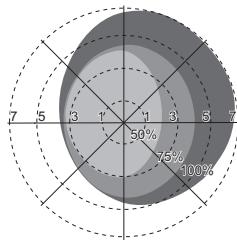
## **CAUTION**

1. The product must be installed by professional technicians and power supply must be cut off before installation.
2. The installation wiring must be 3x 1.0-2.5mm<sup>2</sup> and wired in accordance with the latest IEE electrical regulations or the national requirements.(Recommend type of cable is H05RN-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.

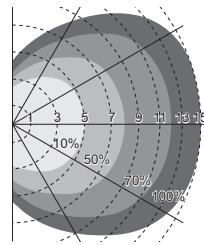
## **DESCRIPTION OF MICROWAVE SENSOR**

- Detection zone Max.(D x H): 14m x 3m
- Detection sensitivity: 10%~100%, adjustable
- Hold time: 5sec-30min, adjustable
- Daylight 1: 5-15Lux, adjustable or disable
- Daylight 2: 50-150Lux, adjustable or disable
- Stand-by Period : 0sec-+∞,adjustable  
(Refer to "Low light")
- Mounting height: 3m(6m Max.)
- Motion detection: 0.5~3m/s
- Detection angle: 150°(wall installation),  
360°(ceiling installation)

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



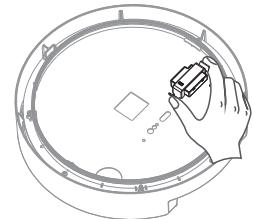
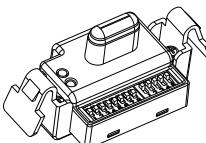
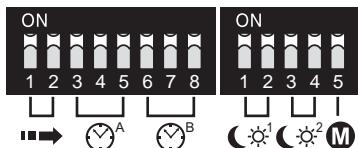
Wall mounting pattern (Unit: m)  
Suggested installation height: 2m



(Walking speed: 0.3m/s)

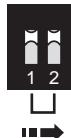
(Walking speed: 0.3m/s)

## PARAMETER SETTING OF MICROWAVE SENSOR



### → Detection Area

Detection Area refers to the effective range that the sensor can detect. It can be adjusted by configuring the DIP switches to fit for particular applications.



ON  
↑  
OFF  
↓

	1	2	
I	ON	ON	100%
II	—	ON	50%
III	ON	—	25%
IV	—	—	10%

### Stand-by Period

Stand-by period is the period that the fitting remains at the standby level before it switches off. If the standby level is set to  $\infty$ , the fitting always remains at standby level when the area is unoccupied.

Please note, this stand-by period setting is only applicable under Mode 1.



ON  
↑  
OFF  
↓

	6	7	8	
I	ON	ON	ON	0s
II	—	ON	ON	10min
III	ON	—	ON	20min
IV	—	—	ON	30min
V	ON	ON	—	60min
VI	—	—	—	$+\infty$

### Daylight 2

Daylight2 refers to the condition where the fitting transitions from standby to off when the daylight level reaches the set threshold. This is only applicable under Mode 2 and the LUX value in Daylight1 is **NOT** set to "Disable".

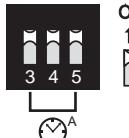


ON  
↑  
OFF  
↓

	3	4	
I	ON	ON	Disable
II	—	ON	150Lux
III	ON	—	100Lux
IV	—	—	50Lux

### Hold Time

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



ON  
↑  
OFF  
↓

	3	4	5	
I	ON	ON	ON	5s
II	—	ON	ON	30s
III	ON	—	ON	1min
IV	—	—	ON	5min
V	ON	ON	—	15min
VI	—	—	—	30min

### Daylight 1

#### Under Mode 1:

When the daylight level drops below the set value, the microwave sensor becomes active.

When the daylight level exceeds the set value, the light will be always off.

The "disable" setting disables the daylight sensor.

#### Under Mode 2:

When the daylight level drops below the LUX value, the fitting will turn on at the standby level and the microwave sensor becomes active.

The "disable" setting disables the daylight sensor.



ON  
↑  
OFF  
↓

	1	2	
I	ON	ON	Disable
II	—	ON	15Lux
III	ON	—	10Lux
IV	—	—	5Lux

### Mode

Mode 1: Normal light-control.

Mode 2: Photocell prioritized. "Photocell Prioritized" means that when the daylight level exceeds the set threshold, the fitting will turn off. When the daylight level falls below the set threshold, the fitting will automatically turn on at a standby level and transition from standby level to 100% brightness level when motion is detected.

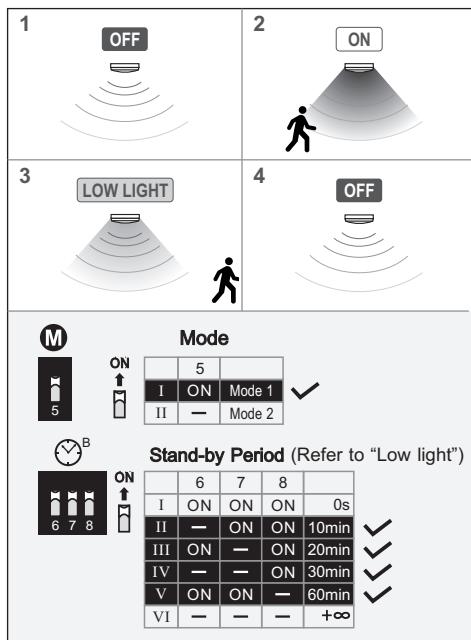


ON  
↑  
OFF  
↓

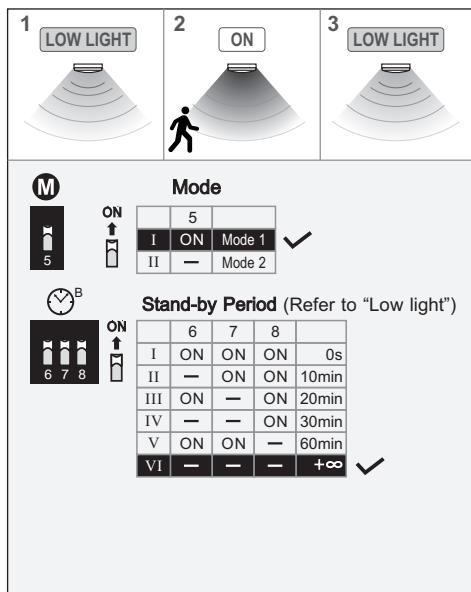
	5	
I	ON	Mode 1
II	—	Mode 2

## DESCRIPTION OF SENSOR FUNCTIONS

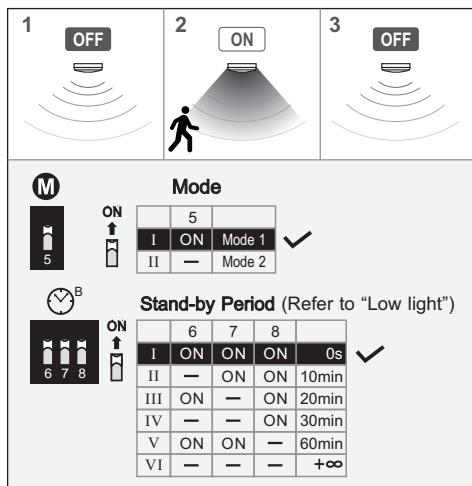
**A** Normal light-control function  
Sensor with **On/Low light(10%)/Off**, three-step dimmable.



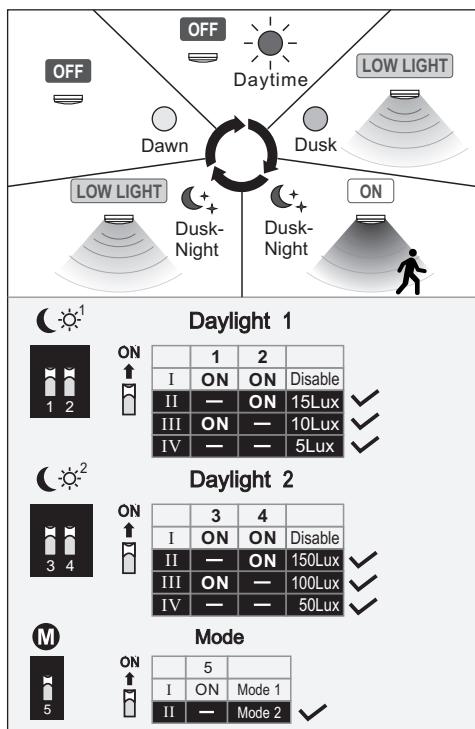
**C** Normal light-control function  
Sensor with **On/Low light(10%)**.



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



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

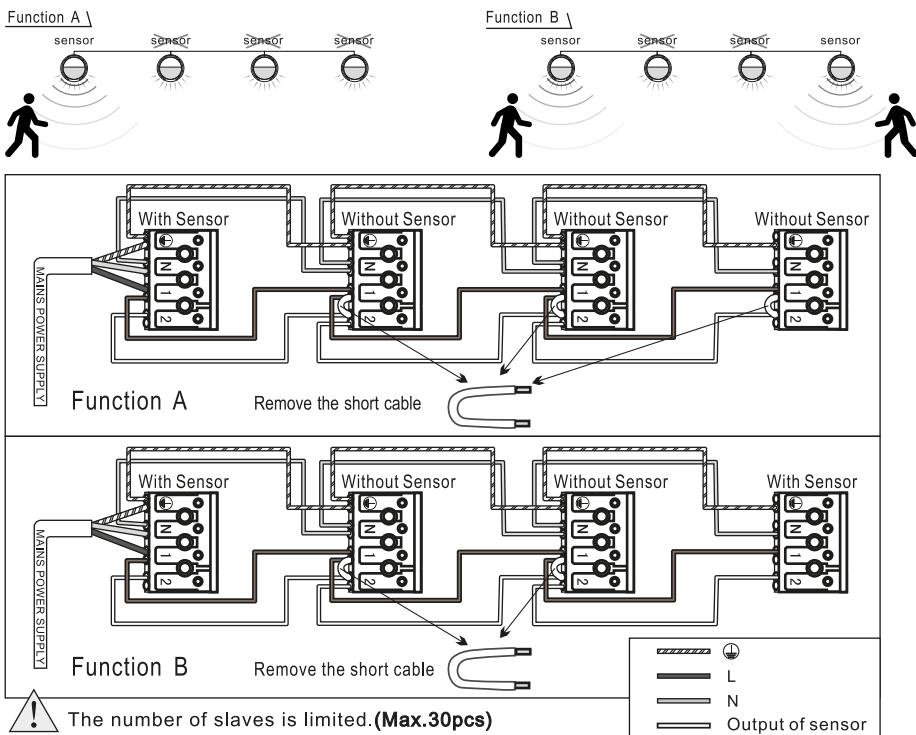


## TECHNICAL INFORMATION

CODE	INPUT VOLTAGE	LED TYPE	INPUT POWER	LUMEN	SENSOR	Dimensions (ΦxH)
NX-WAL-340-23-3K-4K-VM-HF	AC 220-240V 50/60Hz	SMD2835	24 W	2000/1300/900 Lm	Yes	Φ340x83 mm
NX-WAL-270-9-3K-4K-HM-HF	AC 220-240V 50/60Hz	SMD2835	10.5 W	650/330 Lm	Yes	Φ270x75 mm
NX-WAL-340-23-3K-4K-HM-HF	AC 220-240V 50/60Hz	SMD2835	24 W	1600/1000/700 Lm	Yes	Φ340x83 mm

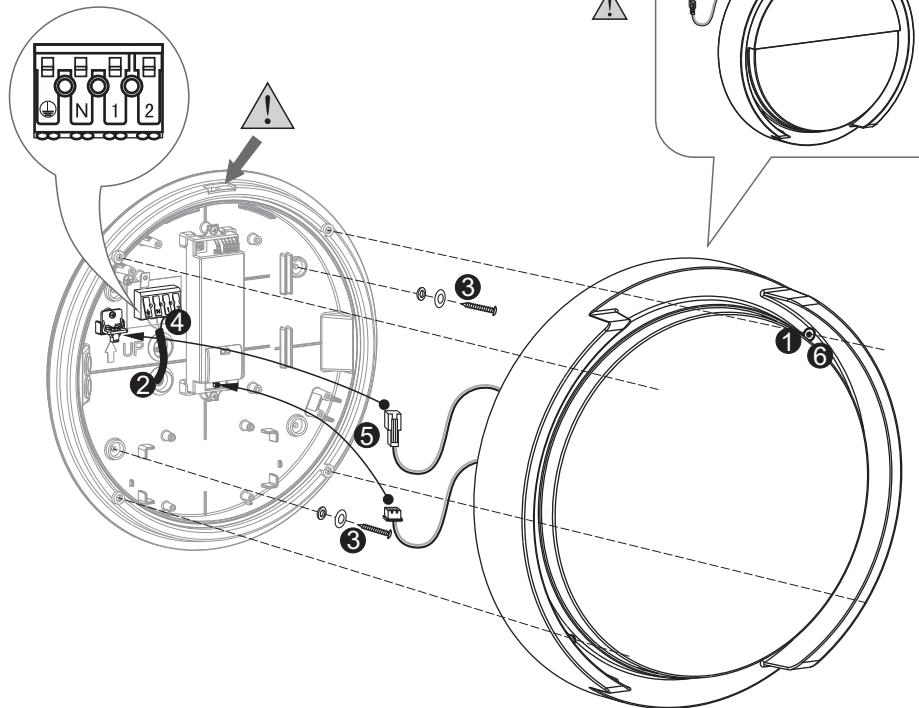
Parameter tolerance: ±10%  
CCT: 4000K

## MASTER/SLAVE FUNCTION

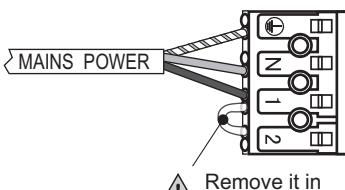


## **MOUNTING**

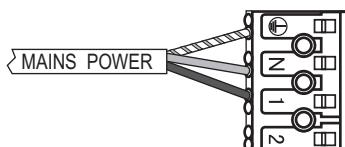
1. Disassemble the diffuser kit .
2. Pull in the power cord through the gasket.
3. Fix the fixture on the wall with screws.
4. Connect the power cord on the terminal correctly.  
(Caution: Earthing cable must be connected firmly.)
5. Connect the male connector of diffuser kit to the female connector of fixture. Plug the sensor cable to the driver.
6. Assemble the diffuser kit firmly. Pay attention to the spacing hole.



### **Cable connection**



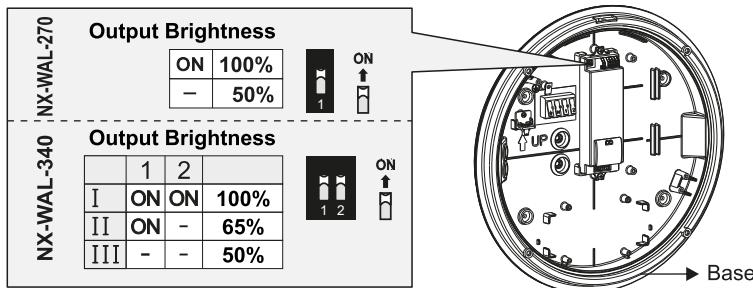
**Without Sensor**



**With Sensor (switched live not required)**

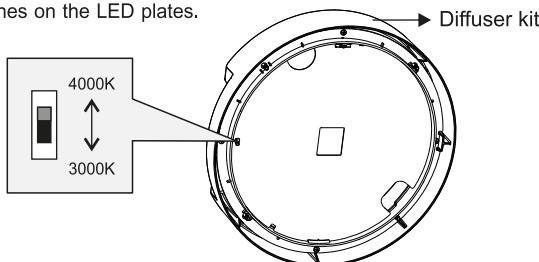
## SELECTABLE BRIGHTNESS

Different brightness settings by DIP switches on the driver.

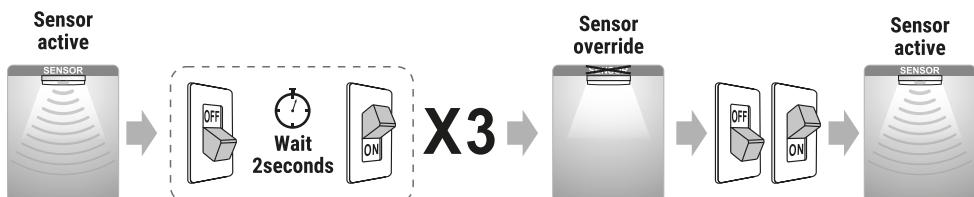


## SELECTABLE COLOUR TEMPERATURE

Different colour temperature settings by DIP switches on the LED plates.

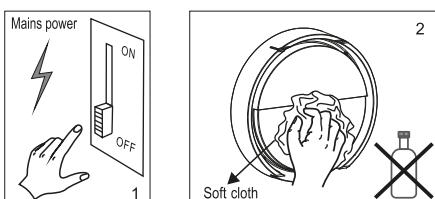


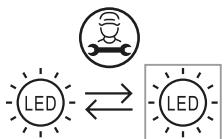
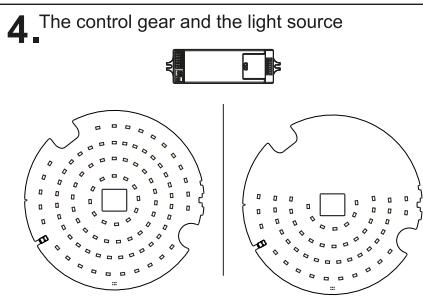
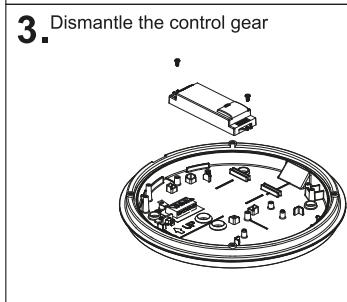
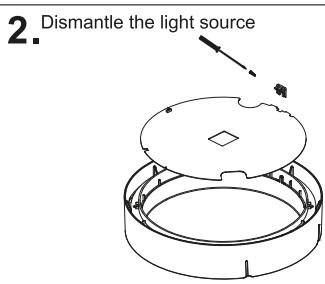
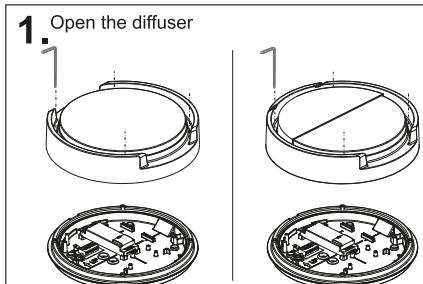
## SENSOR OVERRIDE



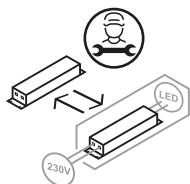
## MAINTENANCE

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





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