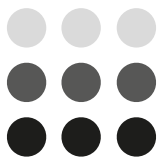


Anleitung



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

IP66

CE

✓RoHS
2011/65/EU

APPLICATION

This is outdoor wall mounted LED lamp .

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

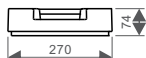
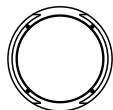
MAIN TECHNICAL DATA

Input: AC 220-240V 50/60Hz

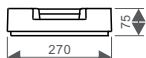
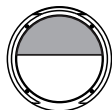
Light source: LED SMD2835

Working temperature: -25°C---+50°C

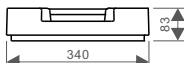
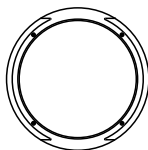
-25°C---+40°C(with sensor)



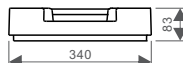
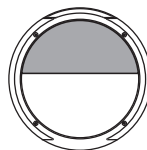
NX-WAL-270 VM



NX-WAL-270 HM



NX-WAL-340 VM



NX-WAL-340 HM

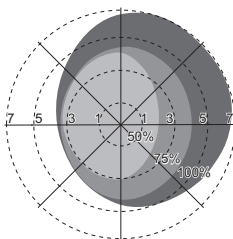
CAUTION

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 1.0-2.5mm² 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

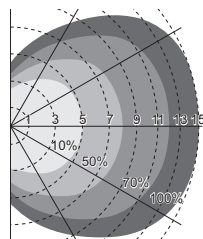
- Detection zone Max.(D x H): 14m x 3m
- Detection sensitivity: 10%- 100%, adjustable
- Hold time: 5sec-30min, adjustable
- Daylight 1: 5-15Lux, adjustable or disable
- Daylight 2: 50-150Lux, adjustable or disable
- Stand-by Period : 0sec-+∞,adjustable
(Refer to "Low light")
- Mounting height: 3m(6m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

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



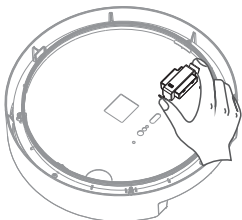
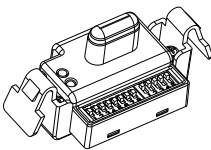
(Walking speed: 0.3m/s)

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



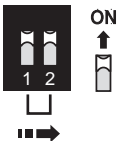
(Walking speed: 0.3m/s)

PARAMETER SETTING OF MICROWAVE SENSOR



Detection Area

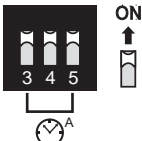
Detection Area refers to the effective range that the sensor can detect. It can be adjusted by configuring the DIP switches to fit for particular applications.



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

Hold Time

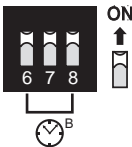
Hold time is the time the fitting remains at 100% brightness after motion is no longer detected.



	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

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 ∞, 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.

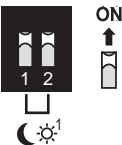


	6	7	8	
I	ON	ON	ON	0s
II	—	ON	ON	10min
III	ON	—	ON	20min
IV	—	—	ON	30min
V	ON	ON	—	60min
VI	—	—	—	+∞

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.

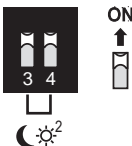
Under Mode 2:
When the daylight level drops below the LUX value, the fitting will turn on at the standby level and the microwave sensor becomes active.
The "disable" setting disables the daylight sensor.



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

Daylight 2

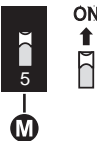
Daylight2 refers to the condition where the fitting transitions from standby to off when the daylight level reaches the set threshold. This is only applicable under Mode 2 and the LUX value in Daylight1 is NOT set to "Disable".



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

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.



	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.

1

OFF

2

ON

3

LOW LIGHT

4

OFF

M

5

ON

	5	
I	ON	Mode 1
II	—	Mode 2

B

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

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

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

1

LOW LIGHT

2

ON

3

LOW LIGHT

M

5

ON

	5	
I	ON	Mode 1
II	—	Mode 2

B

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

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

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

1

OFF

2

ON

3

OFF

M

5

ON

	5	
I	ON	Mode 1
II	—	Mode 2

B

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

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

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

OFF

OFF

Daytime

LOW LIGHT

Dawn

Dusk

LOW LIGHT

Dusk-Night

ON

Dusk-Night

1

Daylight 1

1 2

ON

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

2

Daylight 2

3 4

ON

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

M

5

ON

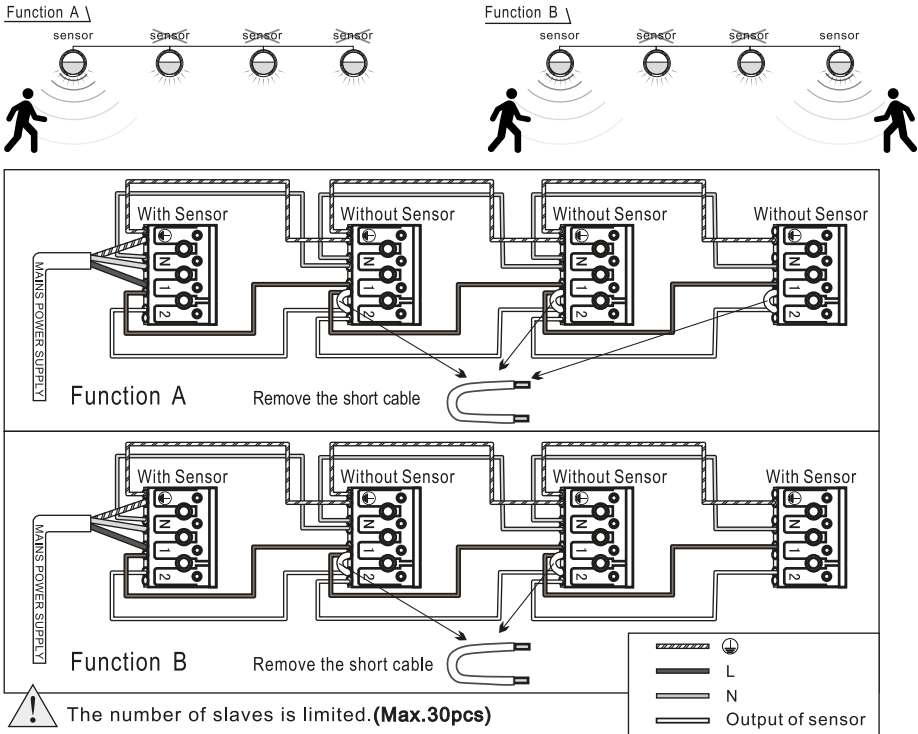
	5	
I	ON	Mode 1
II	—	Mode 2

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

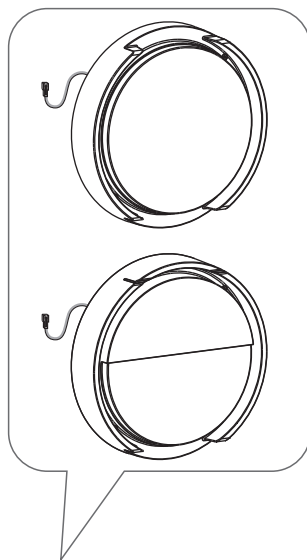
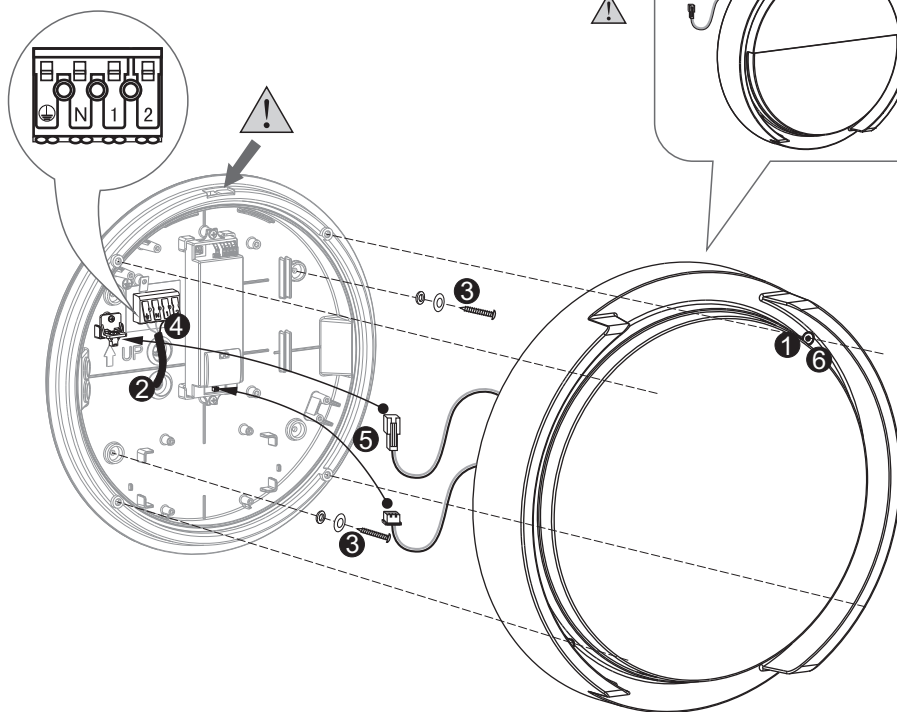
Parameter tolerance: ±10%
CCT: 4000K

MASTER/SLAVE FUNCTION

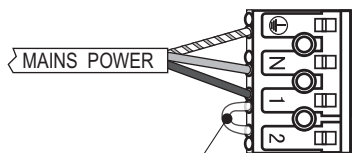


MOUNTING

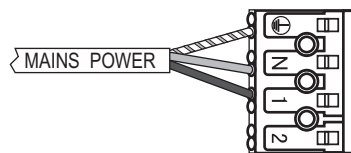
1. Disassemble the diffuser kit .
2. Pull in the power cord through the gasket.
3. Fix the fixture on the wall with screws.
Pay attention to the direction with a marking UP on the base.
4. Connect the power cord on the terminal correctly.
(Caution: Earthing cable must be connected firmly.)
5. Connect 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.

NX-WAL-270

Output Brightness

ON	100%
-	50%

1

ON

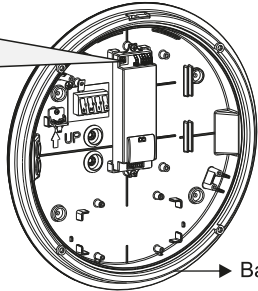
NX-WAL-340

Output Brightness

	1	2	
I	ON	ON	100%
II	ON	-	65%
III	-	-	50%

1 2

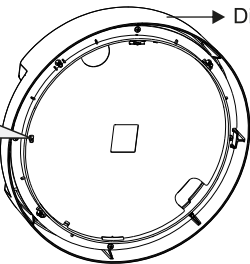
ON



Base

SELECTABLE COLOUR TEMPERATURE

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



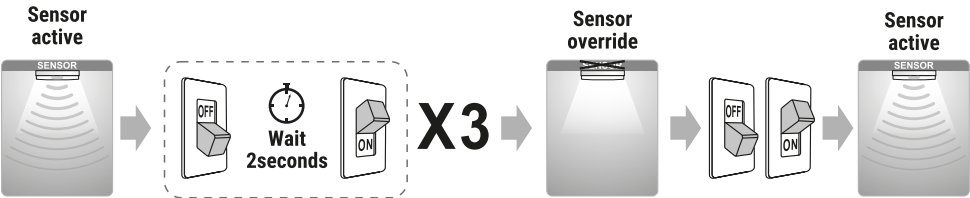
Diffuser kit

4000K

↕

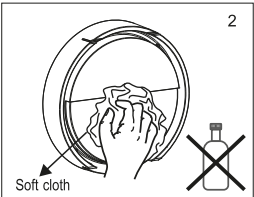
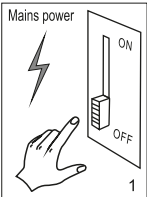
3000K

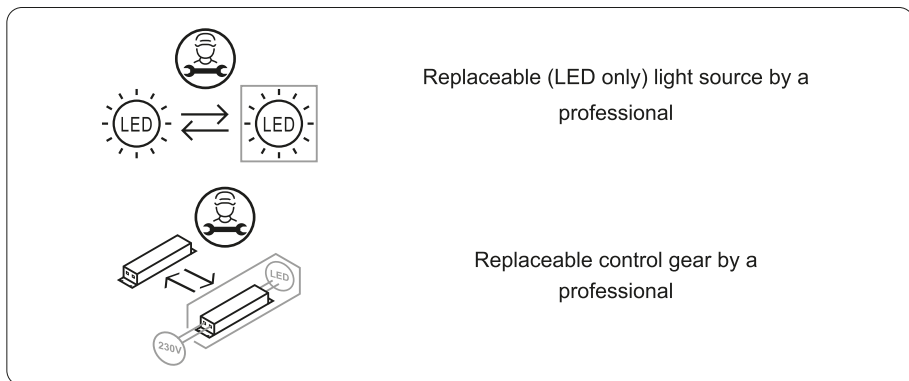
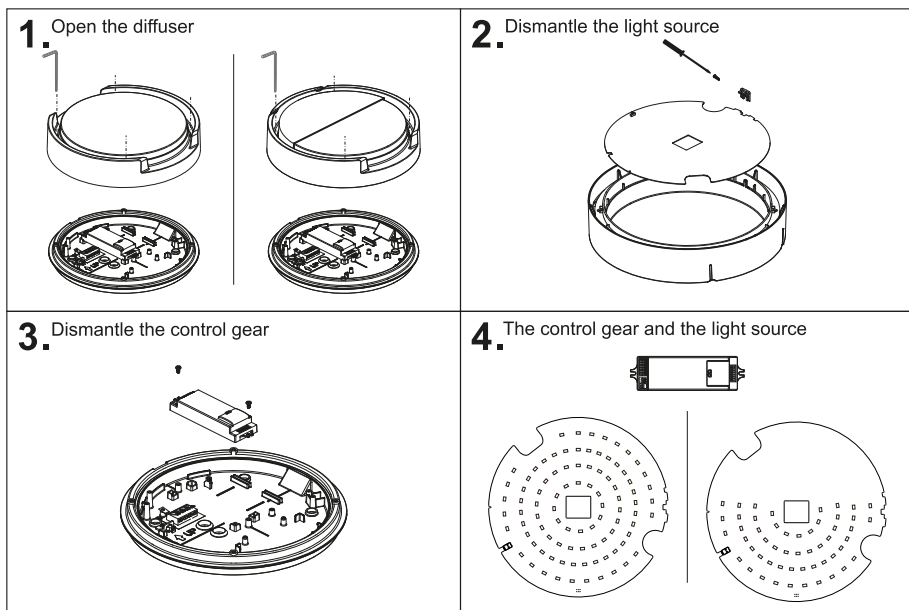
SENSOR OVERRIDE



MAINTENANCE

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





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