



CL-CG18-31 Cabinet light

User manual



Technical specification

Model	CL-CG18-31
Main features	Ultra-thin, modular LED cabinet light with hand-wave switch
Voltage	DC 12 V
Power	3 x 3 W
Light source type	SMD 4014 white LED
LED quantity (pcs)	3 x 32
CRI (Ra>):	>80
IP rating	IP 20
Light colour	White 3000 K / 4000 K / 6000 K
Brightness adjustment	8% - 100%
Luminous flux	135 lm +/- 10%
Light angle	120°
Sensor type	Hand-wave sensor
Detection range	3-5 cm
Operation mode	On / Off
Operating temperature	-10°C - 40°C (25°C is the most optimal)
Material of housing	Aluminium + ABS (white) + PC (Milk white)
Product size	3 x 300 x 35 x 6.2 mm
Lifetime	50,000 hours
Warranty	2 years
Package dimensions	320 mm (L) x 110 mm (W) x 45 mm (H)
Weight with packaging	0.451 kg



Safety notices

Electrical work safety advice and tips


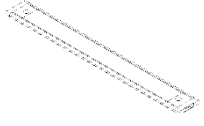


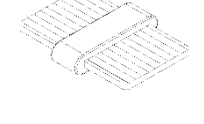
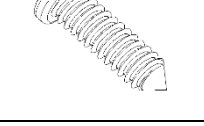


- Make sure the input voltage is correct.
- Avoid short-circuiting the unit, as it will burn the power supply or cause fire.
- Avoid placing the light in the rain, outdoors or in moist areas as it may damage or short-circuit the device.
- Do not place the product into fire, open flame or hot surface as it may cause combustion or explosion.
- Do not open the LED light for inspection or re-wire the electronic circuits if you are not a professional. Opening the light engine might void your warranty.
- Avoid using the device under -10°C and above 40°C temperature.

DIY tips and safety advice

- This task will involve working at height. A safe system of work should be established and maintained, in order to prevent injury.
- Consider your safety! Think about the potential risks and dangers of the work and the steps you should take to avoid them.
- Personal protective equipment. Make sure that you are equipped with suitable and sufficient personal protective equipment. This could include eye protection, face mask, protective overalls, safety footwear and gloves.
- Ensure that the work area is sufficiently illuminated.
- Check that the tools you will be working with are in a good operating condition. For the installation, you will need a cordless drill with drill bits or a screwdriver.



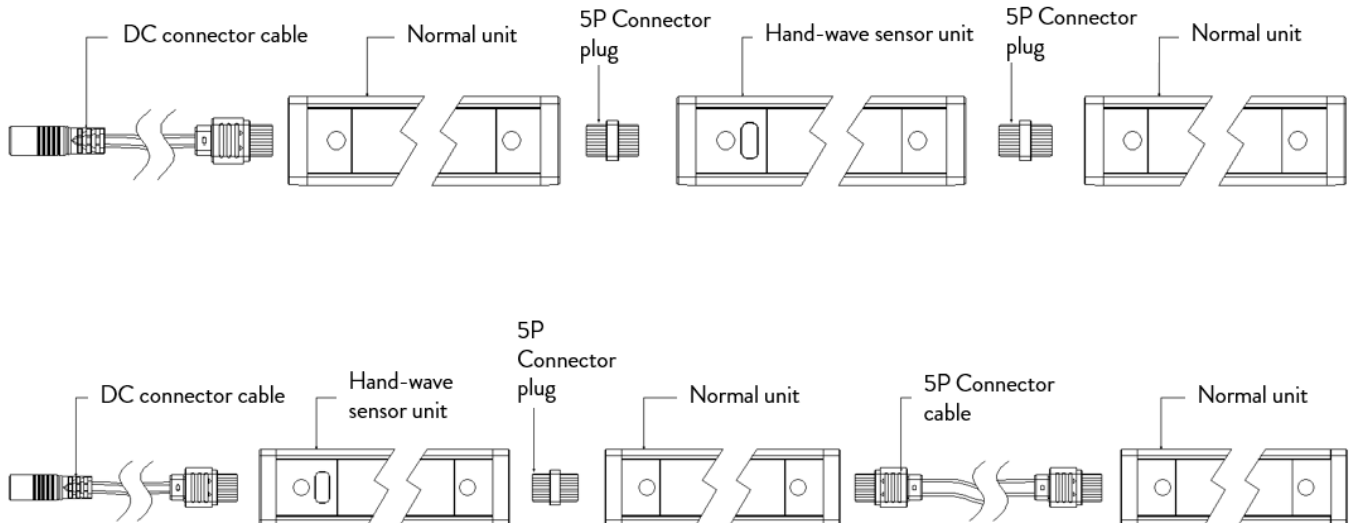
Package content

Images	Part name	Specification	Quantity (pcs)
	Hand-wave sensor unit	35*6.2*300 mm	1
	Simple unit	35*6.2*300 mm	2
	DC Connector cable	Length: 30 cm	1
	5P Connector cable (male - male)	Length: 15 cm	2
	5P Connector plug (male - male)	21 x 16 x 3.5 mm	2
	Screw	PA 3 x 12	6
	3M double-sided tape	25 x 160 x 2.0 mm	3
	AC power adapter	Input voltage: 200-240 V Output voltage: DC 12 V / 1 A	1

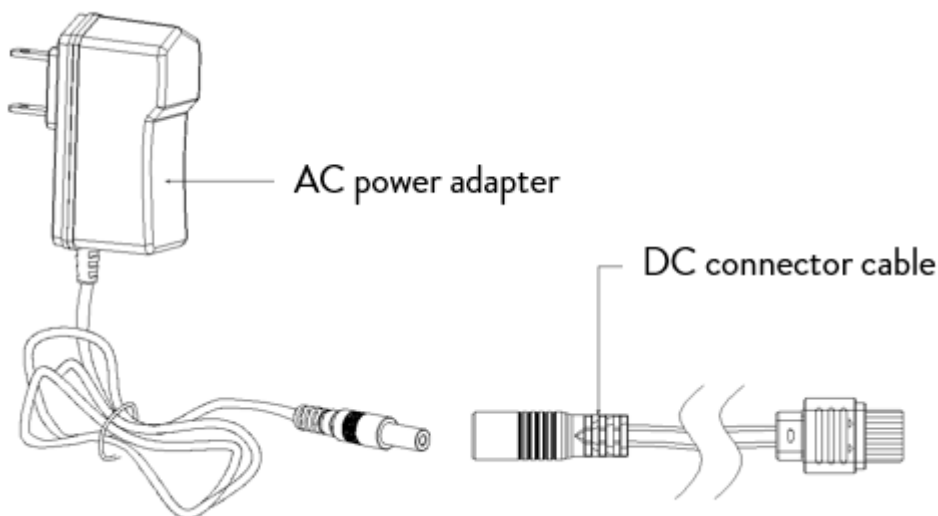


Installation

The hand-wave sensor triggers all three connected lights. The light with the embedded hand-wave sensor can be positioned as the first, middle or last light, depending on your preference. The three lights can be connected in series with the supplied connector plugs or cables.



Once the lights are installed with your preferred installation method (see below) and the lights are connected with the connector plugs or cables, insert the DC male end of the AC power supply into the female port of the DC connector cable. The 5-pin end of the DC connector cable should be inserted into first unit. Once all connection is made, insert the power supply into the mains socket.





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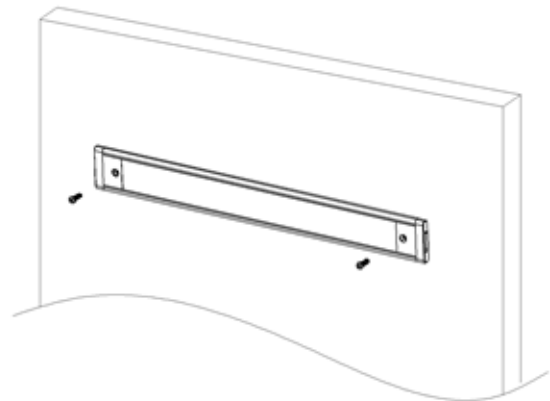
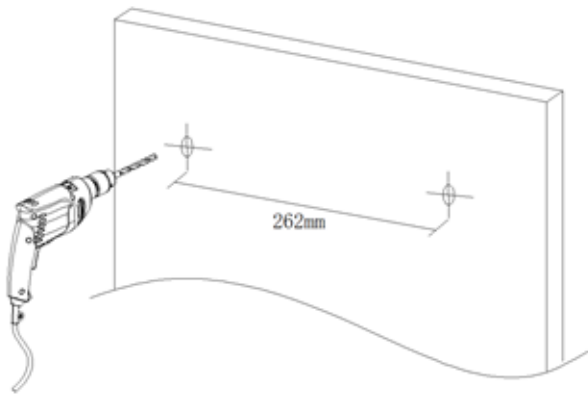
Installation methods:

Option 1: With screws

Step 1: Remove the screw covers on the lights and mark the screw holes on the surface

Step 2: Drill holes according to the screw hole size and positions.

Step 3: Screw in the screws and plug back the screw covers



Option 2: Double-sided tape installation

	Step 1: Remove one side of the protective paper sheet
	Step 2: Stick the tape on the back of the light
	Step 3: Remove the protective paper sheet on the other side
	Step 4: Place the light with the adhesive tape side on the surface and push firmly

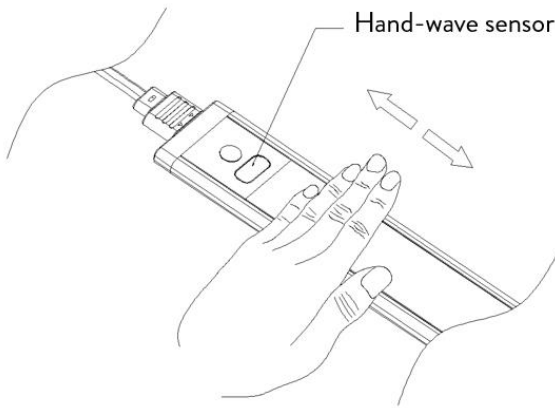


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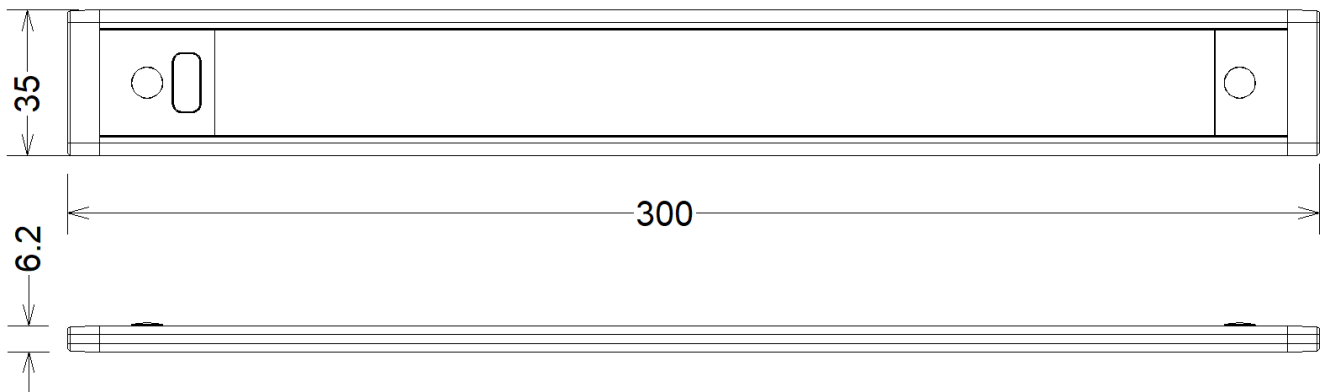
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Operation

- Gently sweep your hand from 3-5 cm distance of the sensor to turn the lights on and off.



Product dimensions (mm)



Application areas

The CL-CG18-31 cabinet lights have a wide range of applications. All you need is a surface to secure the lights to and an electrical socket near-by.



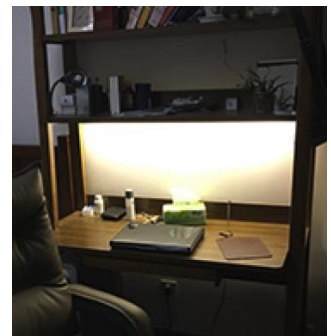
Cabinet



Wardrobe



Shoe cabinet porch

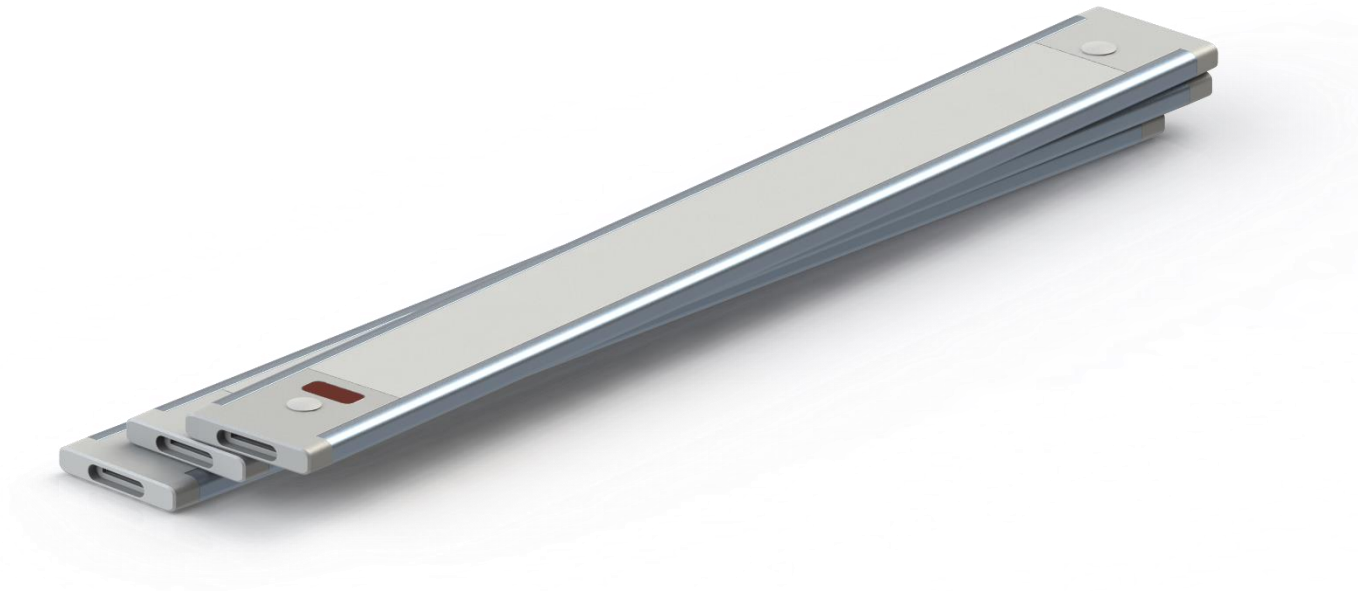


Desk



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<p>Model number: CL-CG18-31-3000K Made in China Manufacturer: Cononlux Technology Co., Limited (Block B, Liyuan Industrial Park, Shiyan Town, Baoan District, Shenzhen, China) Importer: Stellar Lighting Ltd. (5 London Wall Buildings, London, EC2M 5NS, UK) Contact details: www.stellarlighting.co.uk/contact</p>	
 <p>0 723042 320164</p>	 