

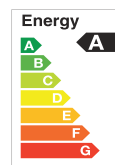
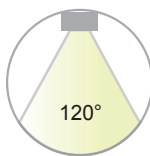


Halcon lighting

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Lighting for the future

LED Backlit Panel Light



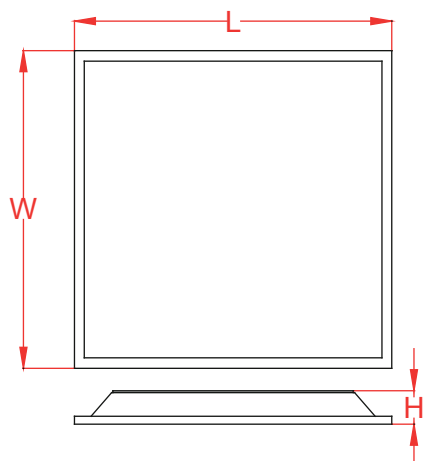
RoHS



Features & Benefits

1. 125lm/w for options.
2. Die formed of 0.5mm cold-rolled steel body.
3. 0-10v dimming, universal voltage: 100-277v.
4. Wide application for: school, hospital, super market, office and warehouse.
5. Fully recessed luminaire fits standard T-Grid ceilings.
6. High-diffusion light-milky PS diffuser .
7. 5-year warranty.

Product Dimension



Model	L×W×H
E2010-22-SN-20W E2010-22-SN-30W E2010-22-SN-40W E2010-22-SN-20W/30W/40W	603x603x40 (mm) 23.74"x23.74"x1.57"
E2010-14-25W E2010-14-30W E2010-14-40W E2010-14/25W/30W/40W	1213x303x40 (mm) 47.76"x11.93"x1.57"
E2010-24-SN-30W E2010-24-SN-40W E2010-24-SN-50W E2010-24-SN-30W/40W/50W	1213x603x40(mm) 47.76"x23.74"x1.57"



Specification

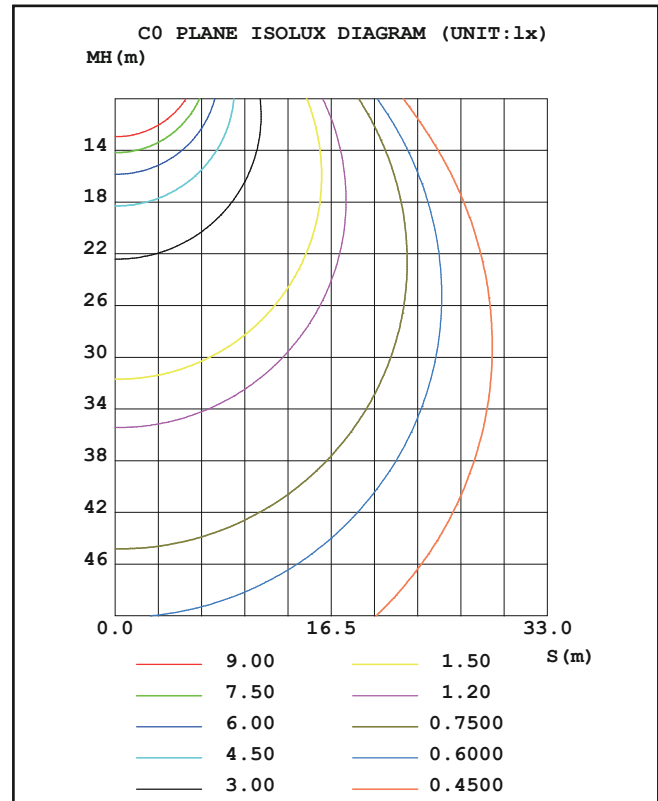
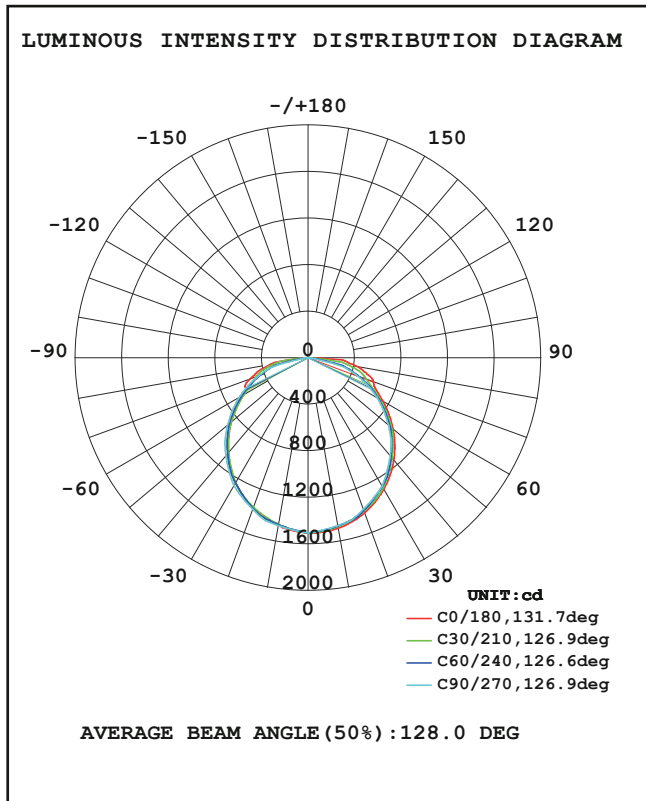
SN: WITH SENSOR

Part No.	Power	Input Voltage	Luminous Flux	Luminous Efficacy	CCT	Viewing Angle	Ra	PF	Warranty
E2010-22-SN-20W	20W	AC100-277V	2500lm	125lm/W	3000K 3500K 4000K 5000K	120°	>80	>0.9	5Years
E2010-22-SN-30W	30W		3750lm						
E2010-22-SN-40W	40W		5000lm						
E2010-22-SN-20W/30W/40W	20W/30W/40W		2500lm 3750lm 5000lm						
E2010-14/25W	25W		3125lm						
E2010-14/30W	30W		3750lm						
E2010-14/40W	40W		5000lm						
E2010-14/25W/30W/40W	25W/30W/40W		3125lm 3750lm 5000lm						
E2010-24-SN-30W	30W		3750lm						
E2010-24-SN-40W	40W		5000lm						
E2010-24-SN-50W	50W		6250lm						
E2010-24-SN-30W/40W/50W	30W/40W/50W		3750lm 5000lm 6250lm						

The following multiple functions can be achieved according to customers' requests:

1. CCT options: 3000K, 3500K, 4000K, 5000K.
2. Available with external or built-in microwave motion sensor.
3. Emergency: the power is 8W, it can still work in 1.5hrs while emergency situation.

Testing Report

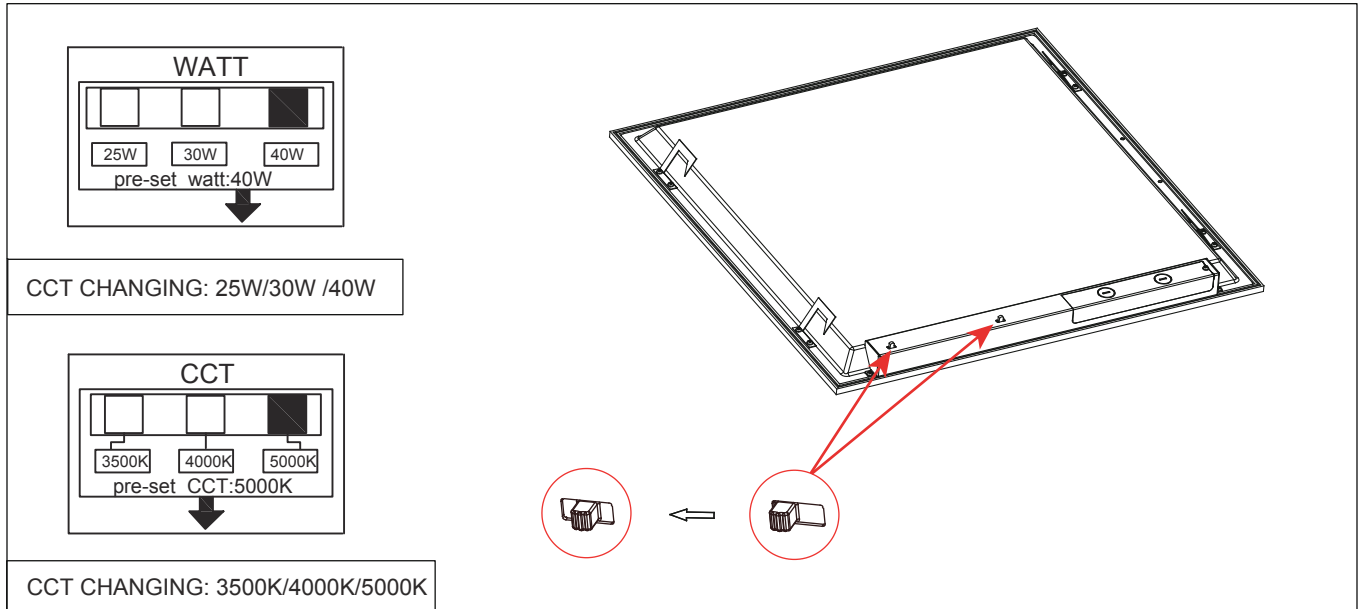


Applications





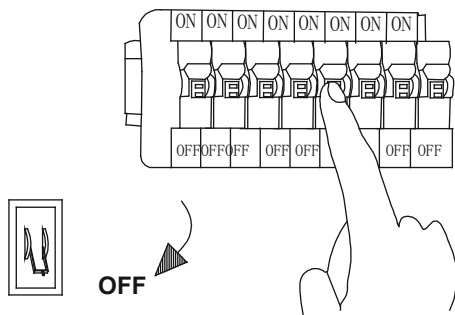
CCT AND WATT CHANGING



Installation manual

A.Surface-mounted installation

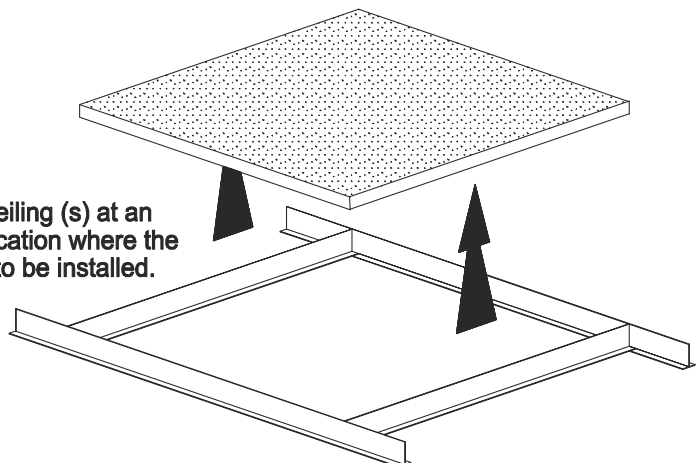
Step1



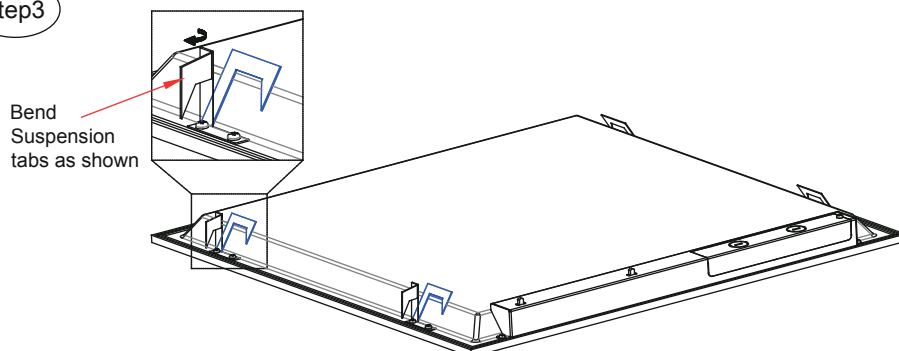
Turn off the switch

Step2

Remove the ceiling (s) at an appropriate location where the light fixture is to be installed.

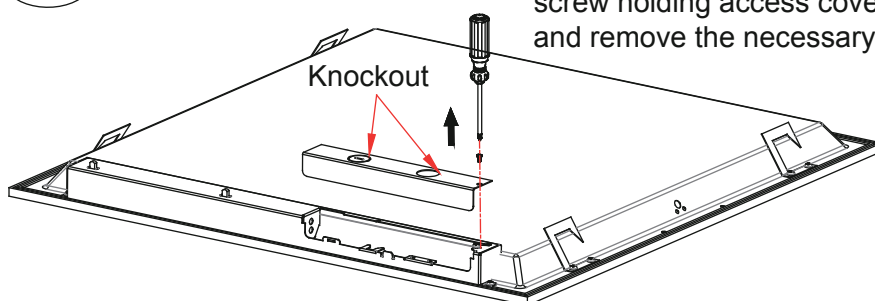


Step3



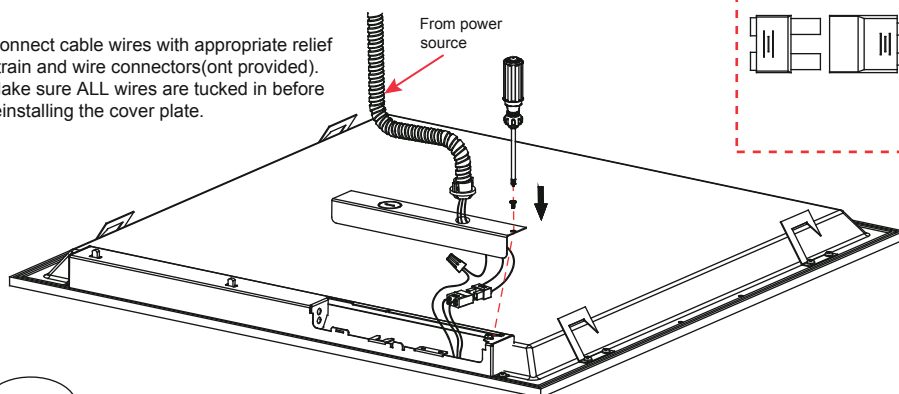
Step4

Power Leads Connection Remove screw holding access cover plate and remove the necessary knockout

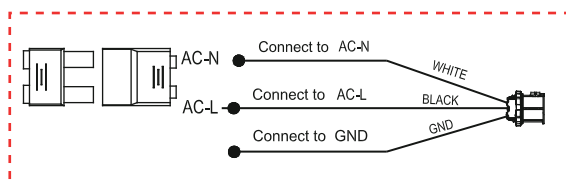


Step5

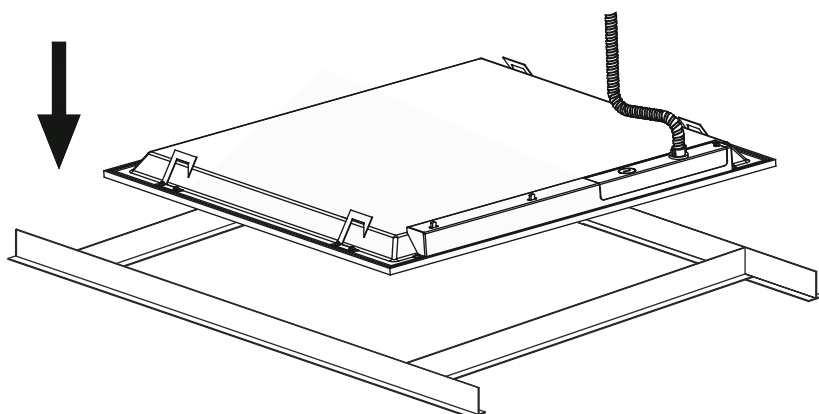
Connect cable wires with appropriate relief strain and wire connectors(ont provided). Make sure ALL wires are tucked in before reinstalling the cover plate.



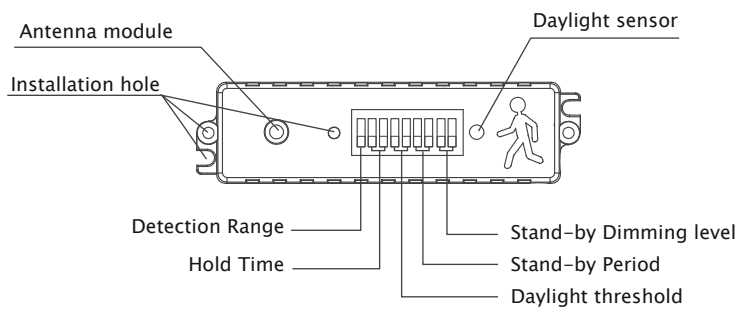
Wiring Diagram



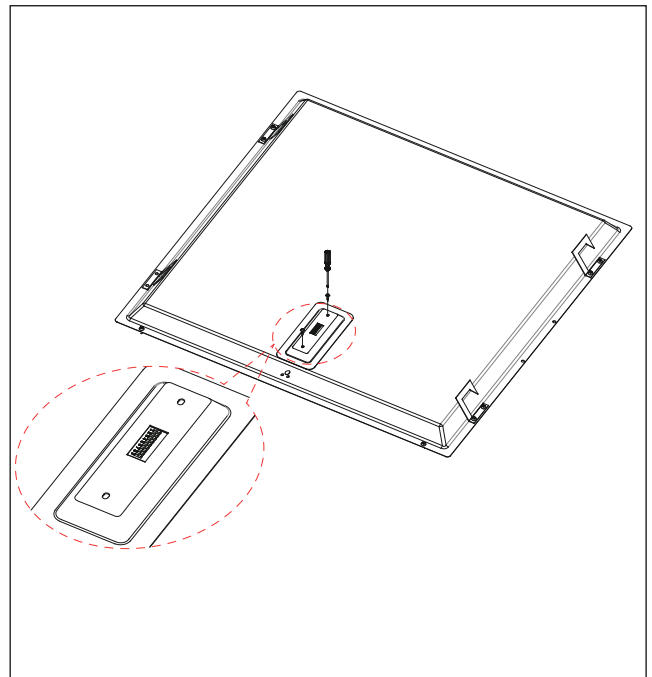
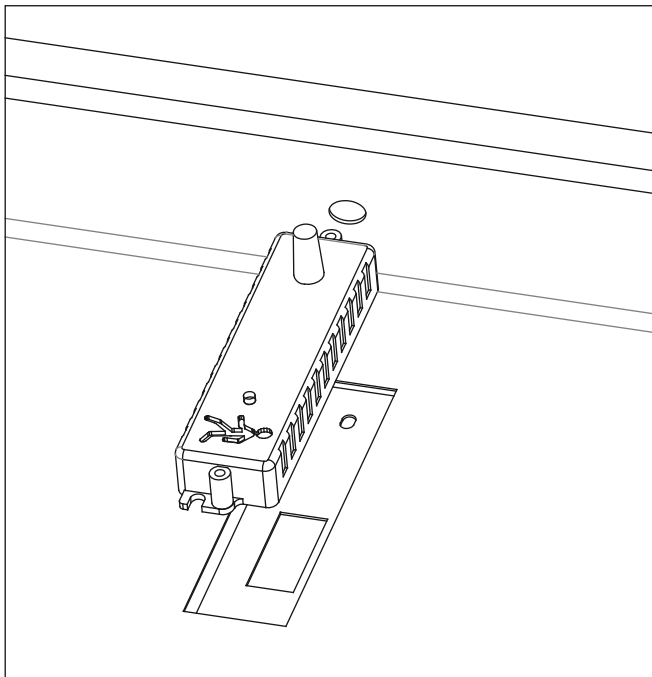
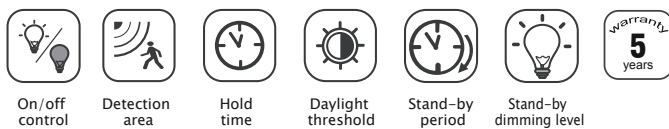
Step6



B.Sensor installation



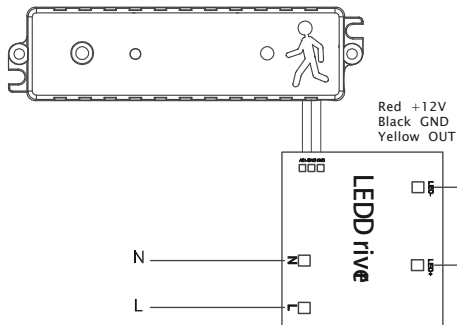
HD001VCR





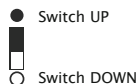
Technical data

Wiring diagram



Operating Voltage DC:10.5-15V	Microwave Power <0.3mW	Motion Detection 0.5-1m/s
Operating Current <30mA	Microwave Frequency 5.8GHz±75MHz	Operating Temperature -20° C~+60° C
Stand-by power <0.5W	Mounting Height Max. 4m Ceiling Mounted	IP Rating IP20
Control Method ON/OFF / 0-10V Diming	Detection Range Max. Diameter 10m	Warranty 5 years
Detection Angle 150° Wall mounted 360 ceiling mounted	Connection Type RED+12V Yellow BLACK GND	Function Setting DIP Switch
Detection Angle DIP switch : OFF/ON 50% Remote control : 25%/50%/75%/100%		
Hold Time DIP switch : 1min/10min/20min/30min Remote control : 5s/30s/1min/3min/5min10min/20min/30min		
Daylight Threshold DIP switch : 10Lux/30Lux/50Lux/Disable Remote control : 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable		
Stand-by period DIP switch : 1min/ 30min/ 60min/+ ∞ Remote control : 0s/10s/30s/1min/ 5min/10min/ 30min/ 60min/+ ∞		
Stand-by dimming level DIP switch : 10% 20% 30% 50% Remote control : 10% 20% 30% 50%		

Dial code setting



Stand-by dimming level

●	●	10%
●	○	20%
○	●	30%
○	○	50%

The definition of low output in the standby period.

Stand-by period

●	●	1min
●	○	30min
○	●	60min
○	○	+∞

The period of light keeping low output before it's completely switched off. When it's preset as "∞", the light always keep at low output if no movement in the detection area and doesn't turn off.

Daylight Threshold

●	●	Disable
●	○	50lux
○	●	30lux
○	○	10lux

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

Hold-Time

●	●	1min
●	○	10min
○	●	20min
○	○	30min

The period of light keeping 100% brightness after moving objects leave the detection area.

Detection Area

●	OFF
○	ON 50%

In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitivity.



Important

Read this instruction carefully before installation. Keep it for further reference.

Make electrical and grounded connections in accordance with the national electrical code and any applicable code. Always turn off the power supply before installation.

This product must be installed in accordance with the applicable installation code by a qualified electrician who is familiar with the construction and operation of the product and the hazards involved.

WARNING:

- ⚠ Risk of fire or electric shock. Fixture installation requires knowledge of luminaires electrical systems. If not qualified, DO NOT attempt installation. Contact a qualified electrician.
- ⚠ Risk of fire or electric shock. Suitable for wet locations. Always turn off the power supply before installation.
- ⚠ Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation liner or similar material.
- ⚠ DO NOT install fixture on unstable, loose or easily breakable surface.
- ⚠ DO NOT exert force on the surface of the fixture.

Packing /weight

Model No.	Outer box (L*W*H)	Qty/Ctn (pcs)	N.W/pcs (lbs/Kg)	G.W/Ctn (lbs/Kg)
E2010-22-SN-20W E2010-22-SN-30W E2010-22-SN-40W E2010-22-SN-20W/30W/40W	25.2"x3.74"x25.39" 640*95*645mm	2	4.6 / 2.1	11 / 5
E2010-14-25W E2010-14-30W E2010-14-40W E2010-14/25W/30W/40W	13.39"x3.74"x49.21" 340*95*1250mm	2	4.84 / 2.2	11.44/5.2
E2010-24-SN-30W E2010-24-SN-40W E2010-24-SN-50W E2010-24-SN-30W/40W/50W	25.2"x3.74"x49.21" 640*95*1250mm	2	8.8 / 4	20.2/9.2

Note

- 1.The installation and maintenance must be completed by electricians or professionals.
- 2.Please cut off the power before installation and maintenance.
- 3.The thermally insulating material is not allowed to cover the fixture.
- 4.Please keep away from the corrosive substance, and keep the fixture dry and clean.
- 5.Working temperature: -4°F~113°F, storage temperature: -22°F~140°F.