COMMON TROUBLESHOOTING

We are a led manufacturer with 10-year experience and receive feedback from more than 1000 customers every year. According to our statistics, 95% of customers' problems are related to the method of installation and the use of dimmer, which could be solved by customers themselves. To save your valuable time, please read this introduction first to quickly identify the cause, if you encounter any problems.

Problems you may encounter

PROBLEM	POSSIBLE CAUSE	SOLUTION
Unlit	the wire falls off/ loosens/ breaks	Double check the connection of the wire. **Plug the wire hard into the hole of the plastic connector till the wire end sticks out of the inside metal clip end.** If the wire is too thick, peel off the wire cover at least 10mm to make sure the wire is inserted firmly.
	the connector is missing or the connector lacks metal shrapnel	Double check the connector.
	voltage is too high	Install the lights on 120 volts.
Dim	the wire falls off/ loosens/ breaks	Double check the connection of the wire.
	not setting the dimmer right	Double check the setting.
	mix the junction boxes (4" and 6")	Refer to the label info attached to the junction box to distinguish 4" and 6" junction boxes. Check the wattage, 9W for 4" and 12W for 6".
	compatible dimmer, but too many lights connect to one dimmer	Reduce the number of lights connected to the one dimmer. (Total Power of the Lights≤75% of the Rated Power of the Dimmer)
	total brightness of the lights/house area: too small	Install more lights. Recommended spacing for installation of 4" lights: 2-4ft (6":5-7ft)

PROBLEM	POSSIBLE CAUSE	SOLUTION
Flickering	the wire falls off/ loosens/ breaks	Double check the connection of the wire.
	not setting the dimmer right	Double check the setting.
	mix the junction boxes (4" and 6")	Refer to the label info attached to the junction box to distinguish 4" and 6" junction boxes. Check the wattage, 9W for 4" and 12W for 6".
	(×) incompatible dimmer	Select a dimmer from the recommended dimmer list.
	(√)compatible dimmer, but too many lights connect to one dimmer	Connect fewer lights to the one dimmer. (Total Power of the Lights≤75% of the Rated Power of the Dimmer)
	high-power electrical appliances on the same circuit	Remove and set them further away from each other.
Buzzing noise from dimmer/ junction box/ circuit breaker(>20Db)	(×) incompatible dimmer	Select a dimmer from the recommended dimmer list.
	(√) compatible dimmer, but too many lights connect to one dimmer	Reduce the number of lights connected to the one dimmer. (Total Power of the Lights≤75% of the Rated Power of the Dimmer)
	(×) incompatible circuit breaker	A. Mechanical circuit breaker: replace a compatible dimmer. B. Electronic control circuit breaker: replace the circuit breaker first.
	high-power electrical appliances on the same circuit(radio, air conditioners, refrigerators, etc.)	Remove and set them further away from each other.

CONTACT US

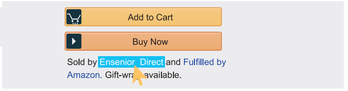
Contact US

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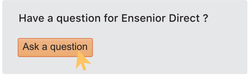
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Scan the QR code to fill the form, you will get 1 Free EXTRA YEAR Warranty.
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SAFETY INSTRUCTIONS

Ensenior's recessed lighting is certified by ETL & FCC & Energy Star（**except for 6000K & 6CCT**）of a high standard. This canless LED recessed light is IC rated, with more convenient and secure UL connectors. But to reduce the risk of death, personal injury or property damage from fire, electric shock and other hazards, please read all warnings and instructions included with and on the fixture box and all fixture labels, please review instructions carefully before proceeding.

⚠ WARNING

⚠ RISK OF ELECTRIC SHOCK

- All electrical connections must be in accordance with local and National Electric Code (N.E.C.) standards.
- Consult a qualified electrician if you are unfamiliar with proper electrical wiring connections.
- Turn off the switch and circuit breaker before installing this LED light.
- Do not alter, re-locate or remove wiring.
- Double-check all connections to be sure they are tight and correct.
- Verify that supply voltage is correct by comparing it with the luminaire label information.

⚠ RISK OF FIRE

- Keep combustibles and other materials that may burn away from lights.
- The maximum ambient temperature is 104°F. Do not operate fixture at temperatures higher than it.

⚠ CAUTION

⚠ RISK OF INJURY

- The knockouts may be sharp. Wear gloves and safety glasses at all time when removing luminaire, installing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Wear rubber-soled shoes and work on a sturdy wooden ladder.

⚠ RISK OF BURN

- Do not touch enclosure or light source. It is normal of the luminaire surface heating up during work. Allow lights to cool before handling.

⚠ RISK OF PRODUCT DAMAGE

- Electrostatic Discharge (ESD): ESD can damage LED fixtures. Personal grounding equipment must be worn during all installation or servicing of the unit.
- Do not touch individual electrical components as this can cause ESD, shorten lamp life, or alter performance.
- Do not mix our product with other products (including Ensenior's light, eg. **4" and 6"**). Mixing junction box of different power will lead to the destruction of the product.
- Do not let the product directly contact with water. Our product is damp-rated but it is not water-proof.
- Do not make or alter any open holes in an enclosure of wiring or electrical components.
- Never connect components under load.
- Please make sure that all wires in and out are wired firmly and sufficiently. If not, there will be a flickering issue or the light will just stop.
- Do not make the product in contact with liquid.

IMPORTANT

1. Our temperature has been strictly monitored. But the temperature will be slightly different with varied monitors. Please test them before installation up in the ceiling wall and see the color if it meets your needs.

2. If there is anything wrong with our lights, please see the Troubleshooting page. If you could not find an answer in that page, please refer to the Customer Service page and contact us.

ROUTINE MAINTENANCE

1. Please make sure the power is off before maintenance.

2. To avoid any damage to the product, please do not use any chemical solvents during the routine maintenance.

3. To ensure better lighting, please clean the lamp at regular intervals.

LIMITED WARRANTY

This product is warranted to be free from defects in workmanship and materials for up to 5 years from date of purchase.

If it fails to do so, please contact the Customer Service Team via service@ensenior.net

STEP-BY-STEP INSTALLATION

TOOLS REQUIRED: Saw, Ladder, Measuring Tape, Electrical Wiring (The wire should be AWG14-18 for application to connect the fixture), Safety glasses and gloves.

Notice:

- After the removal of the knockouts (about 0.86 inch diameter) in step No.2, additional cable connectors are needed to secure the wires passing through the knockouts. You could buy the cable connectors as per your need.
- To release the wire ends from the plastic terminals, twist the terminals.



01

- Cut a hole with 1:1 size of the cutting template.



02

- Open the junction box and remove knockouts on the side.
- Run wire from the power source through the hole.



03

- Use the connector to tuck the wires according to the color.
  If the light is color selectable (CCT), flip the switch on the side of the junction box to locate the setting that you like.)



04

- Connect (tightly by hand) the junction box to the light panel.



05

- Put the box in the ceiling hole. Push up the spring clips.



06

- Push the light into the ceiling and power on.

SPECIFICATIONS

SPECIFICATIONS	4"	6"
Voltage	120V	120V
Wattage	9W	12W
Current	0.075A	0.1A
Power Factor	0.9	0.9

LIGHTING PERFORMANCE		
Lumens	750LM	1050LM
Equivalency	75W	110W
Color Temperature	2700K-6000K	2700K-6000K
Color Rendering Index(CRI)	> 80	> 80
Beam Angle	120°	120°
Dimmable	Yes	Yes
Effciency(lm/w)	83lm/w	87.5lm/w
Trim Color	WH/BLK/BNI	WH/BLK/BNI

ENVIRONMENT		
Operating Temperature	14°F to 104°F	14°F to 104°F
Suitable Damp Location	Yes	Yes
Fits Around Joists	Yes	Yes
Fits Soffit to DoubleDrywall Ceilings	Yes	Yes

CONSTRUCTION		
Housing Material	Aluminum+PC	Aluminum+PC
Weight	300g	410g

LIFESPAN		
Average Life(hours)	50000+	50000+
Warranty	5 years	5 years
Switching Times	> 40000	>40000

DIMMER COMPATIBILITY GUIDE

Model	Feature	Rating
Lutron	**FP**: Forward Phase Control	
DVCL-153P(FP)	3-way, 150W	★★★★★
DVCL-253P(FP)	3-way, 250W	★★★★★
DVWCL-153PH(FP)	With Wallplate	★★★★★
LECL-153P(FP)	3-way, 150W	★★★★½
LGCL-153P(FP)	3-way, 150W	★★★★½
SCL-153P(FP)	3-way, 150W	★★★★½
AYCL-153P(FP)	3-way, 150W	★★★★½
TGCL-153PH(FP)	3-way, 150W	★★★★½
CTCL-153P(FP)	3-way, 150W	★★★★½
CTCL-150H(FP)	Single pole/150W	★★★★½
STCL-153P(FP)	Touch, 150W	★★★★½
MACL-153M(FP)	Digital, 150W	★★★★
MACL-153M-RHM(FP)	Digital, Kit	★★★★
MA-PRO(FP)	Digital, Pro	★★★★

Model	Feature	Rating
	RP: Reverse Phase Control	
PD-6WCL(FP)	Smart, 150W	★★★★
PD-10NXD(FP)	Smart, 250W	★★★★
P-BDG-PKG1P(FP)	Smart, Kit	★★★★
PD-5NE(RP)	Smart,250W	★★★★
RRD-6NA(RP)	Smart, 150W	★★★★
MSCL-OP153M(FP)	Sensors, 150W	★★★★½
MSCL-VP153M(FP)	Only Vacancy Sensing	★★★★½
DVRP-253P(FP)	Single pole/3-way,250W	★★★★½
MA-PRO(RP)	Multi-location,250W	★★★★½
RRD-PRO(RP)	Multi-location, 250W	★★★★½
GT-5NEM(RP)	Multi-location, 250W	★★★★½
CTRP-253P(RP)	Single pole/3-way,250W	★★★★½
NTRP-250(RP)	Single pole,250W	★★★★½
Zooz		
Zen27(FP)	Z-wave Smart	★★★★

The number of lights that a dimmer can control in one circuit

- 6": the dimmer rated power (watt) /12watts*75%
- 4": the dimmer rated power (watt) /9watts*75%

CUSTOMER SERVICE

12 HOURS QUCIK RESPONSE

If there is any problem with our light, please refer to the Troubleshooting page on the back. If you still could not fix this, please contact us immediately. It doesn't matter if you have installed the product, we will respond **within 12 hours**.

The fastest way to help us confirm the problem is to send us a video of the problematic light to our official email box.

30-DAY MONEY-BACK

For **30 days** after the date of purchase, return your Ensenior product and receive a full refund **for ANY reason**.

5-YEAR WARRANTY

For **5 years** after the date of purchase, if there is any issue with the product, we will send a new product for free or a full refund. (no need to return the purchased product)

Under most conditions, we will not require you to return the purchased items. Sure, if you would return the defective one(s) to us, we will be very happy for that would help us to make continuous improvements.

Free Replacement No Repair

After the buyer purchases the product, if the product has a quality problem within the scope of the seller's warranty service within the service validity period, the seller will replace the buyer with **a new product for free**.

Friendly Reminder

We sincerely hope to solve the problem for you.
We do NOT recommend that you leave a product rating first, because we cannot obtain your contact information through the review/feedback, nor can we obtain your relevant information and provide you with compensation.

Please rest assured that our service aim is to make customers 100% satisfied. If there is any problem, please contact us as soon as possible, we will not let you down.