

INSTALLATION GUIDE

1. Remove contents from package.
2. To install the unit on wood, acoustical tile, or other similar ceilings, mount 2 metal hooks that have diameters of at least 2.5 mm and thread numbers of at least 6 and hang the unit by its brackets on the hooks.
3. For sufficient airflow, the intake and venting holes should be at least 12 in. from surrounding obstructions.
4. KESSIL recommends that the unit be placed at 1 to 2 ft. above the object to be illuminated.
5. Connect the unit to the specified DC power supply.
6. Plug the power supply into an outlet with the right specifications.



SAFETY INSTRUCTIONS

1. **DO NOT** use a power supply that is outside the specifications. This is a fire hazard and may lead to unit failure.
2. **DO NOT** use outdoors. This unit is intended for indoor use only.
3. **DO NOT** expose unit to an extremely humid environment or submerge unit in water. This may lead to unit failure.
4. **DO NOT** place working illuminator in close contact with any objects. This may cause the objects to heat up and the unit to overheat.
5. **KEEP** diffuser away from sharp objects. This may break the diffuser and lead to unit failure.
6. **DO NOT** cover or place objects on the power supply. Power supply should not be contained in an airtight space.

PRODUCT SPECIFICATIONS

| Illuminator | |
|---------------------|---------------------------|
| Power consumption | 36W (40W Max) |
| Input Voltage | 24 VDC ± 5% |
| Listed Power Supply | |
| Input | 100-240 VAC 50-60 Hz |
| Output | 24 VDC, maximum 2.1A, 50W |

MAINTENANCE

1. Keep air vent and fan clear of dust. To clean the fan, insert the tip of a CO2 dust blower (or similar dust blowers) in one of the slots on the unit's outer shell. Hold and spray.
2. Keep the diffuser clean. If the diffuser becomes contaminated with water, dust or other particles, clean it with isopropyl alcohol. Wet a cotton swab or a napkin in isopropyl alcohol and gently wipe the surface of the diffuser and let it dry.



TROUBLESHOOTING GUIDE

| Problem | Solution |
|-----------------------|---|
| Light doesn't turn ON | Make sure the unit is connected to the power supply and the power supply is connected to an outlet with the correct specifications. |
| | Make sure electrical power is available to the AC outlet being used. |
| | Check to make sure the power supply has the right specifications. |
| Unit is flickering | Make sure the device is operating within the specified operating temperature range. If unit overheats, it will automatically shut down. |
| | Check to make sure you are using a power supply with the correct specifications. |
| | Make sure the unit has not overheated by operating at a room temperature exceeding 40°C. |
| | The fan is not operating properly. |

WARRANTY

KESSIL warrants, to the original buyer, all of its products to be free from defects in both workmanship and material for a period of one year from the date of purchase. This warranty extends to all products which have proved defective through normal use but excludes products that have been damaged, disassembled, modified, misused by the buyer or any other person. This warranty is in lieu of all other warranties, and KESSIL disclaims all warranties expressed or implied, including any warranty of merchantability, fitness for a particular purpose, or arising from the course of dealing between the parties or usage of trade.

KESSIL will replace or repair to proper working condition any products that are returned under warranty. Products repaired or replaced under warranty are only warranted for the remaining unexpired period of time of the original warranty.

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