

Kessil® H380

LED Grow Light
OWNER'S MANUAL
LED ILLUMINATOR



Kessil Lighting

A DiCon Brand

1689 Regatta Blvd, Richmond, CA 94804

(510) 620-5250

www.kessil.com

INSTALLATION GUIDE

1. Remove contents from package.
2. Screw the hanging bolt (D) into the center hole.*
3. Hang H380 1 to 2 ft. above the object to be illuminated.**
4. Connect H380 to the specified DC power supply (I).
5. Plug the power supply into an outlet with the correct specifications (see product specifications for more information).
6. Adjust the spectrum to the desired setting (B). "Grow" sets the spectrum to Deep Purple, ideal for vegetative growth. "Bloom" sets the spectrum to Magenta ideal for the flowering stage.

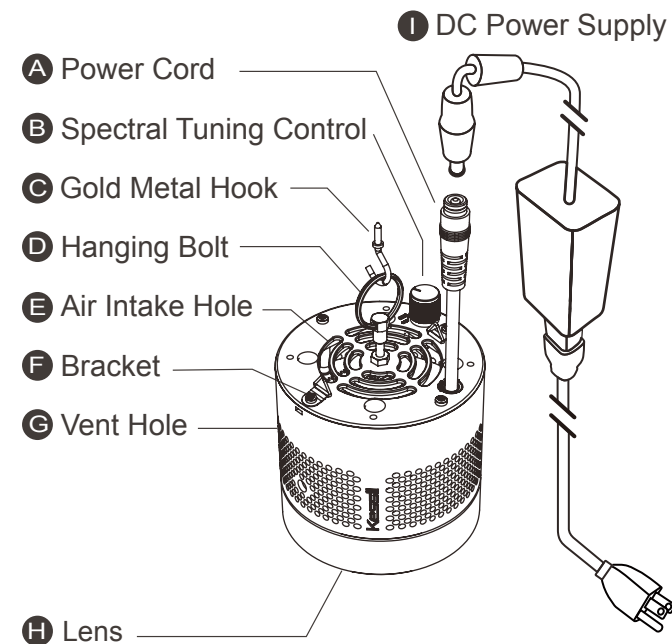
* H380 may also be hung by mounting 2 metal hooks (diameters of at least 2.5 mm and thread numbers of at least 6) through its brackets (F).

** H380 should only be installed on wood, acoustical tile or other similar ceilings.

** For sufficient airflow, the intake and venting holes (E, G) should be at least 12 in. from surrounding obstructions.

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 objects to heat up and the unit to overheat.
5. KEEP lens (H) away from sharp objects. Sharp objects may break the lens 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	90 W MAX
Input Voltage	19 VDC
Listed Power Supply	
Input	100-240 VAC 47-63 Hz 1.5A MAX
Output	19 VDC, 4.74A

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INSTRUCTIONS DE SECURITE

1. N'UTILISEZ PAS de câble d'alimentation ne correspondant pas aux caractéristiques. Il y aurait un risque d'incendie et de dommages de l'unité.
2. NE PAS UTILISER à l'extérieur. Cette unité est prévue pour une utilisation en intérieur.
3. N'EXPOSEZ PAS l'unité à un environnement extrêmement humide ou ne submergez pas l'unité dans l'eau. Cela pourrait endommager l'unité.
4. NE PLACEZ PAS l'illuminateur en marche, en contact direct avec d'autres objets. Cela pourrait causer un réchauffement trop élevé de ces derniers et pourrait faire surchauffer l'unité.
5. GARDEZ la lentille (H) à l'écart des objets pointus. Les objets pointus pourraient casser la lentille et endommager l'unité.
6. NE RECOUVREZ PAS, ou ne placez pas d'objet sur le câble d'alimentation. Le câble ne doit pas se trouver dans un espace fermé.

MAINTENANCE

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

TROUBLESHOOTING GUIDE

Problem	Cause / Solution
Light doesn't turn ON	Make sure the unit is connected to the power supply and the power supply is plugged into an outlet with the correct specifications.
	Make sure electrical power is available to the AC outlet being used.
	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.
	Make sure the power supply has the right specifications.
	Make sure the unit has not overheated by operating at a room temperature exceeding 40°C.
	Make sure the fan is operating properly.