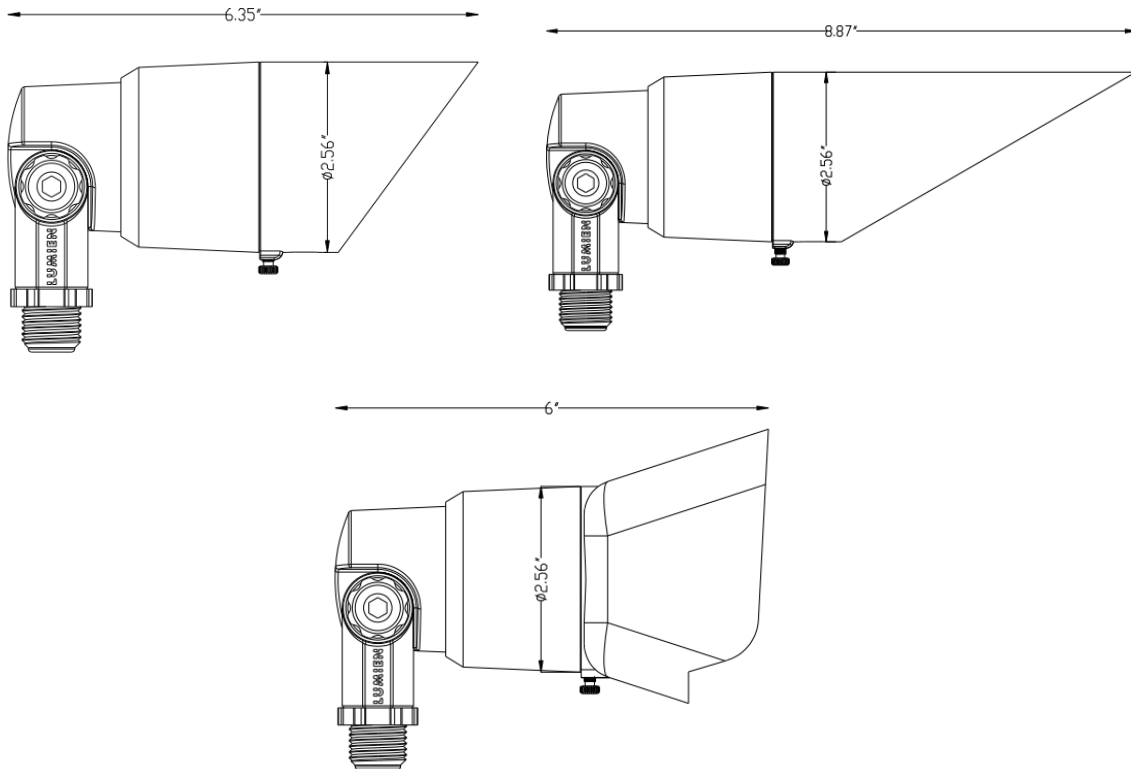




INSTRUCTION MANUAL (INTEGRATED LED MODULE)

MODELS	Up Light	Down Light	Flood Light
CORE	D6B1	D6B2	F6B1
WW PRO	D7B1	D7B2	F7B1
RGBWW PRO	D9B1	D9B2	F9B1



	CORE:		PRO	
Wattage	5 Watts	10 Watts	WW: 10 Watts	RGBWW: 10 Watts
Voltage Range	10-15V	10-15V	10-15V	10-15V
Lumen Output	UP: 375 Lumens DOWN: 350 Lumens FLOOD: 320 Lumens	UP: 600 Lumens DOWN: 550 Lumens FLOOD: 500 Lumens	WW UP: 550 Lumens WW DOWN: 480 Lumens WW FLOOD: 460 Lumens	RGBWW UP: XXX Lumens RGBWW DOWN: XXX Lumens RGBWW FLOOD: XXX Lumens
Color Temp	2700K 3000K	2700K/3000K	WW	RGBWW
CRI	80+	80+	80+	80+
Beam Angle	15° / 40° / 60°	15° / 40° / 60°	15° / 40° / 60°	15° / 40° / 60°
Lifespan	50,000 Hrs.	50,000 Hrs.	50,000 Hrs.	50,000 Hrs.
Finishes	Antique	Antique	Antique	Antique
Housing Material	Brass	Brass	Brass	Brass
Wet Rated?	Yes	Yes	Yes	Yes
Light Source	LED Module	LED Module	LED Module	LED Module



WARNING – To reduce the risk of FIRE OR INJURY TO PERSON:

- Turn off/unplug the fixture and allow to cool before handling, making any adjustments/repairs, or replacing the integrated light module (Part E).
- Integrated light module (Part E) gets HOT quickly. Only touch the switch/plug when turning on.
- Do not touch the lens, guard, or enclosure when hot.
- Keep integrated light module (Part E) away from materials that could ignite/ combust/ burn.
- Do not touch the integrated light module (Part E) chip at any time. Use a soft cloth. The oils from skin could damage LED.
- Do not operate the fixture with a missing or damaged securing lens cap (Part C).

WARNING – Risk of Electric Shock:

- Install in accordance with all local codes and ordinances.
- Install all luminaires at least 10 feet (3.05 m) from a pool, spa, fountain, etc.
- A fixture shall not use tungsten halogen lamps unless the luminaire is marked for such lamps.
-

IMPORTANT

TRANSFORMER

- Install in accordance with all local codes and ordinances.
- Only use a UL1838 transformer for safety reasons and to ensure full lifespan of the fixture.
- Ensure that the transformer is plugged in to a GFCI protected circuit

FIXTURE

(DO NOT EXCEED 15 VOLTS INPUT)

- Install in accordance with all local codes and ordinances.
- This fixture functions best when the incoming voltage is between 10–15 volts. Voltages outside of this range could damage the fixture, shorten the life, and cause unsatisfactory performance. The use of improper voltage voids the product warranty.

LOW VOLTAGE CABLE

- Install in accordance with all local codes and ordinances.
- Be protected by routing near the luminaire, or next to a building structure such as a house or deck.
- Not be buried except for a maximum of 6 inches (15.2 cm) to connect to the main low voltage cable.
- Have the length cut off so that it is connected to a connector within **6 inches (15.2 cm) from a building structure, a luminaire, or fitting.**

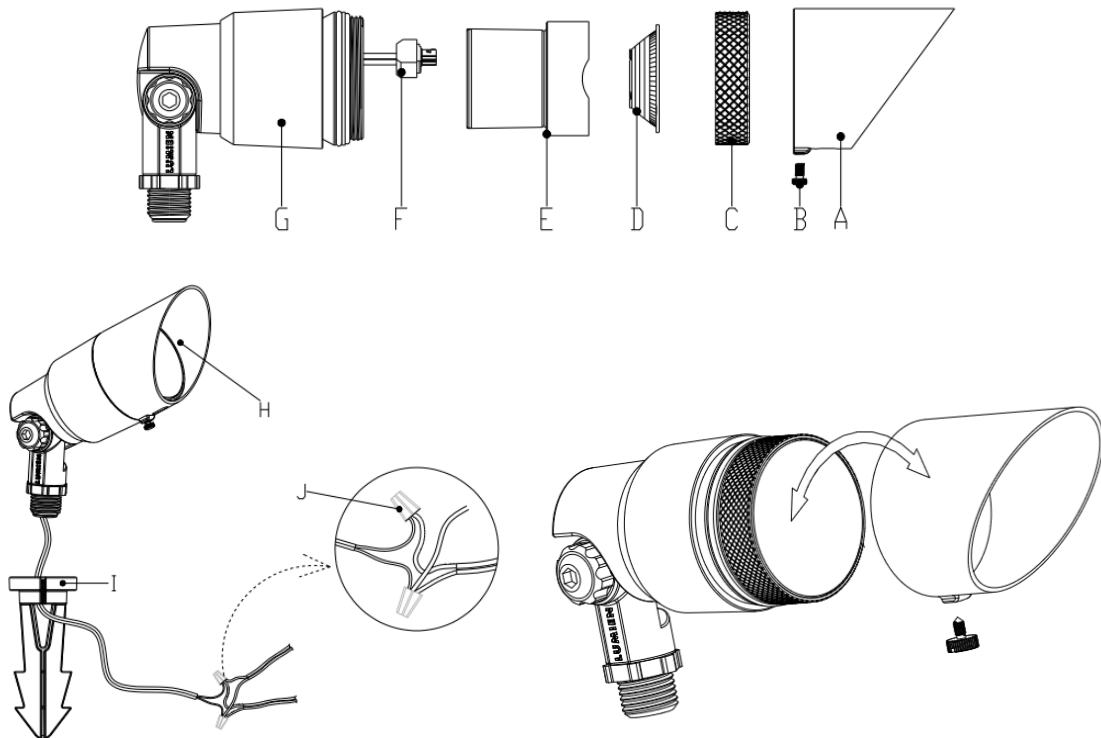
It is ***not recommended*** to use Quick Clip style connectors because they are not waterproof and can rot creating resistance and shorts. Only use outdoor rated waterproof wire connectors. Install in accordance with all local codes and ordinances.

LED LIFE

- For maximum light output, adjust lighting circuits to provide between 10-15 volts.
- Voltage can be regulated by adjusting circuit load/run.
- To determine circuit voltage, use a digital voltmeter at the fixture.

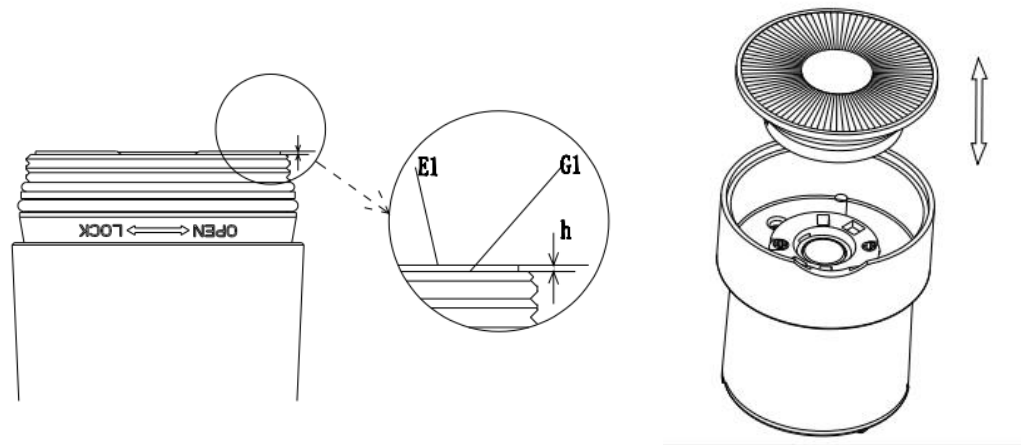
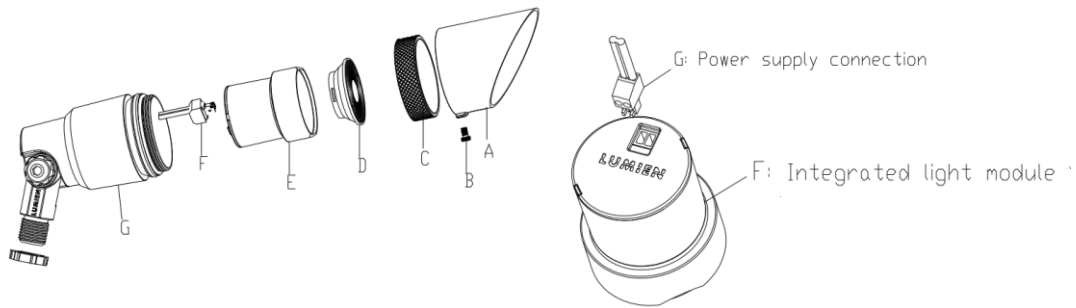
INSTALLATION

A -Shroud B -Set Screw C-Waterproof Cover Lens D -Optic Lens E -Module F – Quick Connect G- Brass Housing
H-Assembled Fixture I- Spike J -Waterproof Wire Nut



LENS REPLACEMENT

- Carefully remove the fixture from its protective packaging.
- Disassemble A,B,C,D,E,F,G according to the schematic diagram, select which optic lens the application needs.
- Connect fixture wires to main low voltage power wire, using outdoor rated waterproof wire connectors (J).
- For PRO fixture, follow the instruction on our LumienPRO's remote control.



Integrated Light Module Replacement

- 1) See diagrams 1) & 2) under Lens Replacement
- 2) Carefully remove the existing integrated light module (E).
- 3) Carefully pull the power supply connection (F) from the back of the integrated light module (E).
- 4) Reconnect power supply connection (F) to the new integrated light module (E).
- 5) Insert the integrated light module (E) into the housing base (G).

Note: Top of the integrated light module (E) must be flush with the top of the housing base (G). If the integrated light module (E) is not flush, reposition the module in the housing.

Note: Ensure that the wire and connector are not binding or pinching against the inside surface of the housing.

- 6) Replace securing lens cap (C) and turn clockwise on housing base (G). Slide detachable shroud (A) on housing base (G) and tighten securing screw (B) by turning clockwise.

Beam Spread Replacement

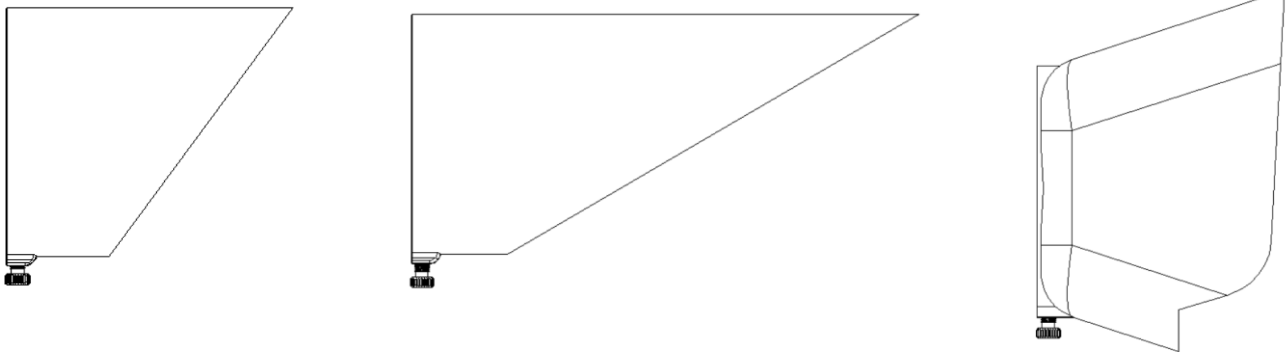
- 1) See diagrams 1) & 2) under Lens Replacement
- 2) Locate the gap on the top edge of integrated light module (E) see fig.F2, use the gap in the integrated light module (E) to pull the beam spread lens (D) out. Insert the new beam spread lens (D).
- 3) Replace securing lens cap (C) with filter lens (D) in place and turn clockwise on housing base (G). Slide detachable shroud (A) on to housing base (G) and tighten securing screw (B) by turning clockwise.

There are 3 lenses to select (15°, 40° & 60°).

Note: Using the clear filter alone, you will obtain a 90° beam spread.

Note: When changing the lens, ensure that you do not directly touch the LED chip and that the cavity in housing base (G) is free of dirt and debris.

Optional Shades



LIMITED WARRANTY

WHAT IS COVERED

The manufacturer warrants this lighting fixture to be free from defects in materials and workmanship from date of purchase for a period of ten (10) years for Aluminum and Lifetime for Brass. This warranty applies only to the original consumer purchaser and only to products used in normal use and service. If this product is found to be defective, the manufacturer's only obligation, and your exclusive remedy, is the repair or replacement of the product at the manufacturer's discretion, provided that the product has not been damaged through misuse, abuse, accident, modification, alteration, neglect, or mishandling.

WHAT IS NOT COVERED

This warranty shall not apply to any product that is found to have been improperly installed, set-up, or used in any way not in accordance with the instructions supplied with the product. This warranty shall not apply to a failure of the product because of an accident, misuse, abuse, negligence, alteration, faulty installation, or any other failure not relating to faulty material or workmanship. This warranty shall not apply to the finish on any portion of the product, such as surface and/or weathering, finish defects or fusing of the metals are considered normal wear and tear due to proximity to harsh environments; this includes but is not limited to coastal areas, ground water (minerals and impurities) and chemicals used in the landscape. The manufacturer does not warrant and especially disclaims any warranty, whether expressed or implied, of fitness for a purpose, other than the warranty contained herein. The manufacturer specifically disclaims any liability and shall not be liable for any consequential or incidental loss or damage, including but not limited to any labor/expense costs involved in the replacement or repair of said product.