UL Listed LED Blasting Light

Instruction Manual



Thank you for your purchase of the Larson Electronics BL40-LEDLEDWP-50. Follow the steps below for operating the unit.

Prevent Electrical Shock: Carefully Read All Warnings and Instructions First. Check that the unit has not been damaged during transport.

WARNING: Consult a qualified electrical professional/electrician to install this device in accordance with appropriate local and NEC codes and regulations.
WARNING: Do not connect line voltage wires to low voltage terminals!
WARNING: Device is suitable for installation in wet locations; GFCI protection recommended.
WARNING: Although fixture is waterproof, it is NOT designed or intended to be submerged.
WARNING: Do not allow line voltage wires to become submerged!
WARNING: Edges may be sharp, handle with care.
WARNING: If unsure about any part of these instructions, consult a qualified electrical professional.

- IP68 rated; Suitable for wet locations (although fixture is waterproof, it is not designed or intended to be submerged).
- All outdoor installations and indoor installations near a wet location require the use of a GFCI device for safety, according to the National Electrical Code® (NEC).
- Keep away from flammable objects. Do not position within one (1) inch of any combustible materials.
- If dropped or damaged, the unit may no longer be waterproof and should be replaced.
- To avoid hazards to children, account for all parts and destroy packing materials.

1. Mount the unit in your desired location. There is a total of 300lb. grip magnetic base on an adjustable trunnion. Use an allen wrench to loosen the bolts on either side of the light to adjust the trunnion mount.
2. Attach all deutsch connections.
3. Plug the unit into a 120VAC power source.

Specifications / Additional Information	
BL40-LED LED Blasting Light	**LEDLB LED Features**
LEDs: 40 Edixeon® 3 Watt LED Emitters	**Edixeon® 3 Watt LED Emitters**
Dimensions: 22"-L 3"-H 3.56"-D	**LEDs Driven At 80%**
Watts: 120	**-40 C~ +80C Operating Temp Range**
Voltage: 9-42 VDC (Light Bar Voltage)	**RoHS Compliant**
Weight: 11 Lbs	**70% Lumen Retention @65,000 hours**
Lighting Configuration: 10° Spot or 35° Flood	**Ambient Op Temp -40C to +125C**
Mounting: 300lbs Grip Magnetic Base/Adjustable Trunnion	**IP68 Rated Waterproof to 3 Meters**
Wiring: 50ft Cord, Inline Transformer with Standard Plug	**Amps: 10 (on 12 volts) 5 (on 24 volts)**
Lumens: 7,200	**LED Light Color: 6000K**
LED Life Expectancy: 50,000 hours	**Optics Efficiency: 90%**
Materials: Aluminum Housing, Polycarbonate Lens	**Housing Colors: Black or White**
Lux@ 10' Increments: 10' - 7,500, 20' - 2,200, 30' - 1,010, 40' - 560, 50' - 370, 60' - 262, 70' - 190, 80' - 145, 90' - 115, 100' - 93, 110' - 77	