

IML Utility Lights (Models: ILIM90200 • ILIM90210)

Product Specifications:

Housing Material:	PBS (Poly Butyl Styrene) base; Polypropylene guard
Dimensions:	8.0" (20.3cm) x 4.57" (11.6cm) x 3.5" (8.9cm)
Max Wattage:	40 Watts (ILIM90200), 15W (ILIM90202)
Amp Draw:	(ILIM90200): 5.0A (12V), 2.5A (24V), 0.5A (120V), 0.26A (230V)
Amp Draw:	(ILIM90210): 0.6 Amps at 12vdc, 0.3 amps at 24Vdc
Lamp Type:	(ILIM90200): AC or DC - E26 Edison Screw-Base
Lamp Type:	(ILIM90210): PL-15W HO Fluorescent (6400K)
Ingress Protection:	IP56
Weight:	1.140 lbs (.52 kgs)

Installation:

- 1) Unpack the light fixture carefully. *Note: lens is glass and should be handled with care.*
- 2) When mounting the fixture on a wall it should be mounted either horizontally or vertically with the lamp socket at the bottom, not at top)
- 3) To access the fixture's mounting holes, remove the fastening screw which holds the reflector in place. The reflector is highly polished, so take care not to scratch when handling or using tools. When mounting the fixture, ensure the mounting surface is flat and avoid over-tightening the mounting screws. This is to prevent the base of the fixture from distorting, resulting in poor sealing of lens to base. Mounting screws should be sealed in base to prevent ingress of water or moisture.
- 4) **Model ILIM90200** wire connections: This model has a socket rated for AC or DC. For AC applications: Green wire connects to vessel (or house) ground, White to neutral, and Black to line (Hot). Otherwise for DC you may cap off the ground and either the black or white wires may be wired to vessel's POS (+) and/or NEG(-) as polarity is not recognized.
- 5) **Model ILIM90210** wire connections: This model is DC-ONLY. Red to Positive (+) and Black to Negative (-).
- 6) When connecting the wire tails, use approved marine-grade connectors. Alternatively wires may be tinned & soldered and protected with heat shrink (preferably compound filled type). Never twist and tape wires.
- 7) Ensure wiring is of sufficient size to provide for a safe, reliable system. We recommend using minimum 16AWG (2.5mm Sq) type 2 (boat cable) conductors. We also recommend referring to the ABYC Voltage Drop tables to determine the correct wire sizes. Minimum 3% voltage drop allowed for DC fluorescent fixtures and 10% drop for incandescent models. Ensure that AC mains wiring has suitably rated insulation for line voltage, in accordance with NEC standards.
- 8) Ensure the circuit has appropriately sized protection (fuse or circuit breaker) to ensure both wiring and the fixture are adequately protected.
- 9) For technical support please contact Imtra on (508) 995-7000, or email us at lighting@imtra.com.