TECHNICAL SPECIFICATIONS

Model:

**IT 02**

Autonomous, transportable light tower consisting of the tower and single-phase 8 kVA generator

### BASIC ELEMENTS

**GENERATOR**
- Single-phase, 8 kVA

**ELEVATION KIT**

**MOBILE KIT**

Generator with diesel motor, water cooling

**Motor model**
- Lombardini/Kohler LDW 1003

**Motor power**
- 8.5 kWm

**Operating at**
- 1500 rpm

**Fuel tank capacity**
- 69 litres

**Functional autonomy, 4 lamps**
- 48 h

**Alternator power**
- 8000 W

**Voltage**
- 230 V

**Frequency**
- 50 Hz

**Nº phases**
- 1

### Mobile kit:

**Axis**
- with hitching ring and wheels with P175/80 R13 tyres for transport.

**Steel fenders**

**Back, side and brake lights**

**Adjustable stabilising jacks**

**Security chains with “S” hooks**

### Elevator kit:

1. Telescopic zinc-plated pole articulated by rod:
   - Total height in working position: 9 m
   - Horizontal rotation (on vertical axis): 360º
   - Rotation mechanism: Mechanical
   - Pole cable with retractable coil

2. Lamp stands:

3. Set of 4 lamps designed to withstand all weather and vibrations:
   - Rotation mechanism: Mechanical
   - Tempered glass cover
   - Joints protected against dust and damp.

### Model Dimensions (cm) Weight (kg) Voltage (V) Type of Lamp Lamp / lm Generator

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions (cm)</th>
<th>Weight (kg)</th>
<th>Voltage (V)</th>
<th>Type of Lamp</th>
<th>Lamp / lm</th>
<th>Generator</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT-02 / Quartz iodine</td>
<td>Transport position (3200 x 1388 x 1788)</td>
<td>760</td>
<td>230V 50Hz</td>
<td>Quartz iodine</td>
<td>4F-1000 W / 36300</td>
<td>8 kVA Monoph.</td>
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<tr>
<td>IT-02 / Halide</td>
<td>Working position (3200 x 1950 x 9000)</td>
<td></td>
<td></td>
<td>Halide</td>
<td>4F-400 W / 42500</td>
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</tbody>
</table>

Images for illustration purposes.
### LT 4-LAMP LIGHT TOWER / SCOPE OF SUPPLY

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic pole</td>
<td>Manually articulated telescopic pole</td>
</tr>
<tr>
<td></td>
<td>Halogen lamp stands</td>
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<tr>
<td></td>
<td>The zinc-plated telescopic pole has a total height in working position of 9m (IT02) and 360° rotation.</td>
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<tr>
<td></td>
<td>Orientation of light beam on horizontal axis is between 120° and 140° depending on lamp.</td>
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<tr>
<td></td>
<td>Motor/alternator set hitched and installed with anti-vibration supports in highly-resistant, electric-welded, steel-sided chassis, subsequently treated with stripping products before application of special paint “for use in outdoor or corrosive environments”.</td>
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<tr>
<td></td>
<td>Soundproofed steel cabin treated with stripping products before application of special paint “for use in outdoor or corrosive environments”.</td>
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<tr>
<td></td>
<td>Self-cooling motor with mechanical blower fan.</td>
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</table>

### MOBILE KIT CHARACTERISTICS

Consists of axis, ball hitch and wheels for transport.