

IT 02 4-LAMP LIGHT TOWER | 50 Hz

TECHNICAL SPECIFICICATIONS



Images for illustration purposes.



Elevation kit:

1. Telescopic zinc-plated pole articulated by rod:

Total height in working position	9m
Horizontal rotation (on vertical axis)	360°
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	
Joins protected against dust and damp.	

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

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



Cabin housed control box:

Switchboard for protection and control. Protection for low oil pressure and high refrigerant temperature plus protection for high and low generator and battery voltage. Reading of hours in operation. Voltage regulation $\geq \pm 5\%$

Overload protection

Individual switch for each 16 A lamp.

General 63 A switch.


Individual electrical outlet.

Emergency shutdown

MODEL	DIMENSIONS (cm)	WEIGHT (kg)	VOLTAGE (V)	TYPE OF LAMP	LAMP / lm	GENERATOR
IT-02 / Quartz iodine	Transport position (3200 x 1388 x 1788)	760 (Tower + generator)	230V 50Hz	Quartz iodine	4F-1000 W / 36300	8 kVA Monoph.
IT-02 / Halide	Working position (3200 x 1950 x 9000)			Halide	4F-400 W / 42500	

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LT LIGHT TOWERS / SCOPE OF SUPPLY

	
Basic pole	<input checked="" type="checkbox"/>
Manually articulated telescopic pole	<input checked="" type="checkbox"/>
Halogen lamp stands	<input checked="" type="checkbox"/>
The zinc-plated telescopic pole has a total height in working Position of 9m (IT02) and 360° rotation.	<input checked="" type="checkbox"/>
Orientation of light beam on horizontal axis is between 120° and 140° depending on lamp.	<input checked="" type="checkbox"/>
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".	<input checked="" type="checkbox"/>
Soundproofed steel cabin treated with stripping products before application of special paint "for use in outdoor or corrosive environments".	<input checked="" type="checkbox"/>
Self-cooling motor with mechanical blower fan.	<input checked="" type="checkbox"/>

MOBILE KIT
CHARACTERISTICS

Consists of axis, ball hitch and wheels for transport