

## LIGHTINGS



■ Light Balloon (fixed or on Tripod Leg).....	1/8	■ Ultra-powerful Lighting Set.....	5/8
■ Movable Lighting Set.....	1/8	■ Portable Lightweight Lamp.....	6/8
■ PA-1 Self-contained Projector.....	2/8	■ Signal Lamps «4 colours».....	7/8
■ Site Floodlight.....	3/8	■ Other Signal Lamps.....	8/8
■ Front Light.....	3/8	■ Movable Lighting Sets.....	9/8
■ Movable Lighting Sets.....	4/8	■ Protection Red Lamp.....	10/8

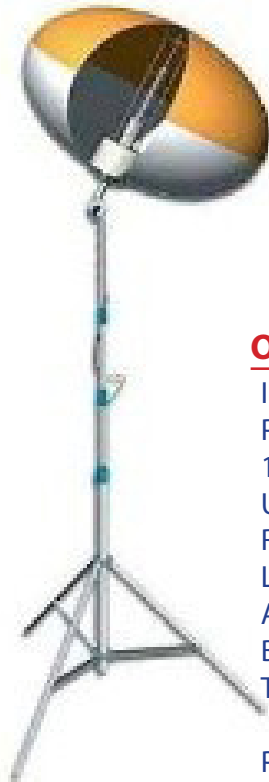


## LIGHTING BALLOON (fixed on Leg Tripod)

This Balloon has been specially studied for track works and the swift rescue actions. It comprises a blowing-up device by over-pressure inside of an Elliptical Balloon, and a Powerful Halogen Lighting protected by a Grate.

The Blowing-up and Switching on are automatic in 45 seconds.

IMPROVING OF THE WORKING ZONES BY A NO-DAZZLING LIGHT



SUPPLY 230 V  
POWER 20000 W  
DIAMETER 1.10 m

### Other characteristics

Intensity	10 A (Safety by fuse-block)
Protection index	IP. 43
1 p. Halogen lamp bulb	2000 W
Useful life	1000 H
Resistance to wind	100 km/H
Lighted area	1400 m <sup>2</sup>
Adjusting of height	2.5 to 5 m
Blowing-up time	45 secondes
Total net weight	16 Kg (with tripod) 20 Kg (with heavy foot)
Packing	Plastic tube Ø 30 cm - Length 115 cm Weight 8 Kg
Reference	<b>BEC</b>

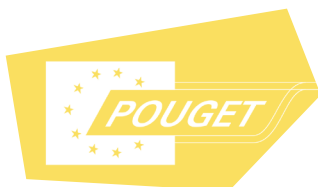


### MOVABLE LIGHTING SET REF. GEC

comprising:

- 1 pc. **BEC** Light Balloon (above)
- 1 pc. **PL1S** Manual lightweight platform Trolley (See Spec. 4/4)
- 1 pc. Petrol Generating Set **GE-3** (3KW) - See Sheet No. 24/1





## PA-1 SELF-CONTAINED PROJECTOR

**USE:** For night works, and into tunnels..

**ADVANTAGES:** The PA-1 projector with double lighting power is very compact, easy to be carried, to start and re-charge.

The **PA-1** presents a portative lighting allowing to work always hand-free.

<b>Battery</b>	12 Volt 24 Ah.
<b>2 Powers</b>	35 Watt : Lighting Range = 5 h. 90 Watt : Lighting Range = 1 h
<b>Dimensions</b>	242 x 242 x 930 mm (mini.) - 1930 mm (Maxi.) Height
<b>Weight</b>	15 Kg

### LIGHTING Intensities

35 Watt = 600 lumens 90 Watt = 2 200 lumens
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- 1** The **projector** is equipped with two halogen bulbs 35W and 90 W allowing to choose the need lighting power.
- 2** The **mast**, in aluminium alloy is equipped with a retractable device without shock.
- 3** The **Battery** (waterproof) 4x 6 volt, 12 Ah. Without maintenance. Into the bulb, a device protects the complete unloading of the battery.
- 4** **Box of battery**, in steel sheet. with an handle. Gloss finish orange-coloured.
- 5** **Cable winding-collig**, incorporated with the bulb. Here, it's possible to see the break switch allowing to choose the lighting power (35 W or 90 W)
- 6** **Charge's receptacle**
- 7** **Small tool box**. very useful to keep all the working tool
- 8** **Charging-up** of the Battery,  
- Ref. **CHPA-1**.  
Charger 230 V - / 6 A . Recharging in 5 h.

Tese Specifications are given for your information only and may be technically modified and improved.

LIGHTINGS



## SITE FLOODLIGHTS - FRONT LIGHT

**USE:** For Night Works (or in Tunnels).

**ADVANTAGES:** Efficient Lightweight and Waterproof. Very cheap Equipment.

**TELESCOPIC HALOGEN** Light on Tripod **PR-1** - 230 V - 2 x 500 W = 1000 W With :

- Protective Grid
- Standard Cable, Length 5 m (on request : 10 m or 20 m)
- Maxi Height = 2 m. (on request : 3 or 4 m)

**Spare parts** : on request 500 W Halogen Lights / Grid

- ▷ **Major Luminosity Power** with Halogen Lighths
- ▷ **Small Release**
- ▷ **Maximum Lighting**
- ▷ **White Light no dazzling**
- ▷ **Low-Consumption**
- ▷ **Handle with Double Function :**
  - **Ensure an easy Transportation**
  - **Use for Clip of Cable**
- ▷ **Multi-Positionning**
- ▷ **Complete net Weight : 12 Kg (for Height 2 m)**



**BATTERY-OPERATED FRONT LIGHT LFP** with Folding Strap and Swivel-mounted Reflector .

- Major Luminosity Power with Leds.
- Life 150 h
- Very Low-Consumption
- 3 x LR. 3 Batteries (supplied)
- Lighted Area : 50 m<sup>2</sup>
- Weight : 90 gr.





## MG MOVABLE LIGHTING SETS

**USE:** For night works, in tunnel, or for assistance.

**AVANTAGES:** Self-equipment, compact and silent. Removed everywhere by a single man. Improved safety : there is not cable on ground.

**GENERATOR :** Petrol engine 4-stroke HONDA  
Alternator 230 V - 50 Hz  
with battery-stoker 12 V  
Sound intensity : 83 dB(A)

**LIGHTS :** Telescopic and dismountable in 2 parts  
Adjustable elevation from 1.4 m. to 2.7 m.  
Halogen lights or fluorescent  
Tight and orientable lights (Protection class IP-55)  
with protection anti-impact.

The set is equipped on a frame in steel protector tubes, with 2 folding hands for transport, and 2 inflating rubber wheels Ø 250 mm (Wheels centers : 35 cm.), allowing the circulation on narrow side path.

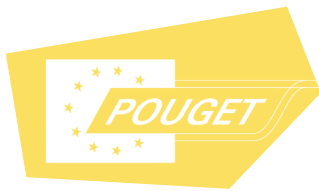


GENERATING SET POWER (W)	LIGHTS	NET WEIGHT of Complete Lighting Set KG	MODEL
600	1 Halogen Light 500 W	30	<b>MG-1</b>
1000	2 Halogen Lights 500 W each	35	<b>MG-2</b>
600	1 Fluo Light 72 W with polycarbonate diffuser	32	<b>MG-3</b>
600	2 Fluo Light 72 W with polycarbonate diffuser	35	<b>MG-4</b>



### Dimensions of the folder Set (overall length) :

- Length : 62 cm
- Width : 52 cm
- Height : 58 cm



## « MOBEC » ULTRA-POWERFUL LIGHTING SET

### MAIN CHARACTERISTICS

Petrol Generating Set  
 Power **6.4 kW - 230 V**  
 Trailer on tyres with brakes and stabilizers.  
 Telescopic **Mast Height 5 m.** with manual rack.  
**Balloon 4000 W** diameter 1 m. with ball joint.  
 Resistance to wind = 100 Km/h  
 Weight : 200kg



### MOBILE

« MOBEC » can be handling moved. Its heels for any ground allow access on uneven or muddy soils. It can be moved on trailer, or on manual / or motorized Platform : (See **Track Option** - see below)

### RELIABLE

With 2 separate circuits, you will never be on dark. The balloon is also in conformity with the European Regulations for the electrical Norms and the Workers's Protection.

### TRACK OPTIONS

The «MOBEC» can be put on light-transport **platform POUGET** (manual or motorized)  
 To see sheets **3/4** and **4/4**, for the circulation on track, and the lighting of night works.

### STRONG

The Balloon has been studied to be proof against many handling. Inflated by air, it is totally waterproof whatever position it has on the ball joint. Real air cushion, the inflated cover will protect the balloon against all violent shock or falling.

### EASY TO USE

Very compact, the « MOBEC » asks few handling for the starting up.

### FAST

The « MOBEC » allows a fast moving on the sites to light. On site, the balloon inflates in 45 sec. It's immediatly operational.

### EFFICIENT TOOL

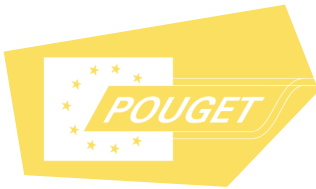
The power of only one balloon is equivalent to the power of several projectors, because it is more productive for an equivalent power.



### UNIFORM AND NO-DAZZLING

Ideal for the working facilities and for worker's safety.

Transporting position



## PORTABLE SUPERLIGHTWEIGHT LAMPS

SAFETY PROJECTOR RANGE : **150 m.**

- Unbreakable Plastic Case with Handle
- Pivoting Head
- Plomb Accumulator without Maintenance and Rechargeable.
- Protection Index : IP-54

### DIMENSIONS

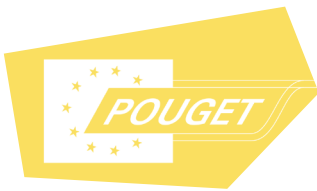
Height (mm)	Width (mm)	Thickness (mm)
<b>245</b>	<b>120</b>	<b>104</b>

NET WEIGHT 1.1 kg



2 Models :

<b>L6F-1</b>	Halogen Lamp
<b>L6F-2</b>	Light-Emitting Diode (Life : 50 000 h.)



## SIGNAL LAMP L2F - 4 COLOURS

**USE :** Signals during the Works on Track.

**ADVANTAGES :** Strong Materials, and very Safe

- 4 colours (Red, White, Green, Yellow)
- Protection degree : IP40
- Double insulation
- Unbreakable Plastic Case
- Incorporated Charger of battery
- Charger in 230 V - 50/60 Hz
- Term of recharging : 24 hours
- 1 On/Off Button
- 1 Intensity Button (low / double)
- Working Temperature : -10° C +40°C
- 1 Security Lighthouse with a tight rechargeable battery, equipped of two light-origines :
  - 1 Powerful at Xenon (6 W)
  - 1 Glow-lamp (1.5 W)

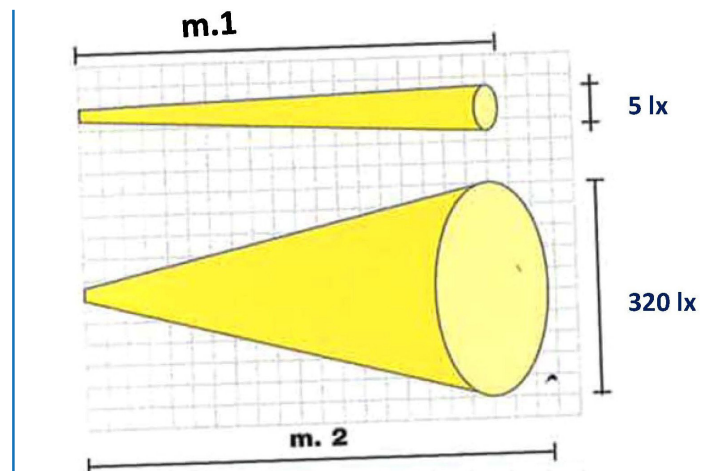


**Spare Parts :**  
 Colour Screens :  
 (Red, Green, Yellow, White)

- Autonomy : 4 hours (Main Light) and 12 hours (Auxiliary Light)
- Dimensions = 26 x 12 x 17 cm
- Net Weight = 2.1 Kg
- SPARE PARTS :
  - Bulb 1.5 W - Ref. **B-15**
  - Bulb 6 W - Ref. **B-6**

*(Part of SEC-1 Track Security Set - Sheet 10/9)*

**L2F SIGNAL LAMP DIAGRAM**





## SIGNAL LAMPS

**USE :** Signal during the Work on Track.

**ADVANTAGES :** Strong Materials, and very Safe.

### L2F Electric 220 V, Rechargeable Light

(Details on Sheet 7/8)

- Unbreakable Plastic Case
- Incorporated Battery Loader
- 1 On/Off Button
- 1 Single / Double Intensity Button
- Sizes = 26 x 12 x 17 cm
- Weight = 2.1 Kg

*(Part of SEC-1 Track Security Set - 10/9)*



**Spare Parts :**  
Colour Screens :  
(Red, Green, Yellow, White)

### L5F Electric Light (with Rechargeable Battery)

- 1 Rotatory Commutator
- 3 Lights : Red - White - Green with reflector
- with battery 3.75 V Ni - Cd
- Unbreakable Case
- Weight = 2.7 Kg



**OPTION :** Charger of Battery - Ref. **CHL5F**  
Battery - Ref. **BAL5F**

### L2F-B TAIL LAMP

- On front : 1 White Light + 1 Red White
- With a Switch for each Light
- Supplied with one Battery 9 V
- Unbreakable Plastic Case with Handle
- And UIC-Hook, on Rear-Side



### L7F RED Lamp for Railways Works

- Double face dia. 180 mm
- Supply with 2 Batteries 6V
- Diodes high efficiency
- Lighting-Head orientable on 360°  
(fixing or blinking) with a rear-hook.
- Dimensions : 36 x 18 x 8 cm
- Net Weight with batteries : 1.8 Kg





## MOVABLE LIGHTING SETS

This **Movable Lighting** Set is equipped with :

- 1 **POUGET Manual Platform Trolley PLIS** (SNCF agreed) with an Automatic Brake of Security Load Capacity 500 Kg (See Spec. 3/4)
- 1 **Generating Set GE-3** powering by 1 Petrol engine- 4 stroke strap on the Platform Trolley PL1 S, Power 2500 W (See Tech. Spec. 6/1)
- 1 **Lighting Device**, Power 2000 W, on Legs secured to the Platform Trolley and Collapsible for Transport Equipment.

### Type **GEC-2**

2000 W Telescopic **Halogen Spotlight** (4 x 500 W)  
Height adjustable up to 2.6 m above rail.

- Platform-Trolley - Ref. PL1S (61 Kg) - Spec. 4/4
- Generating Set - Ref. GE-3 (56 Kg) - Spec. 24/1
- Halogen Spotlight Ref. PR-1 (x 2) - (24 Kg) - Spec. 3/8



### Type **GEC**

2000 W Telescopic **Lighting Balloon** Ø 110 cm  
Height adjustable up to 2.5 to 7 m. above rail.

- Platform-Trolley - Ref. PL1S (61 Kg) - Spec. 4/4
- Generating Set - Ref. GE-3 (56 Kg) - Spec. 24/1
- Light Balloon - Ref. BEC - (20 Kg) - Spec. 1/8





## L7F PROTECTION LAMP

Lamp for Railways Works - RED - Double face dia. 180 mm

Supply with 2 Batteries 6V

Diodes high efficiency

Lighting-Head orientable on 360° (fixing or blinking) with a rear-hook.

Net Weight with batteries : 1.8 Kg

Dimensions : 36 x 18 x 8 cm

Reference : **L7F**



Spare Parts : Battery 6 V - Ref. **BL7F**









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# CATALOGUE

## MACHINES & TOOLS

for Track Construction and Maintenance

SINCE 1935