

ZONE LIGHTING

THE ROLALIGHT 30

30 000 lumens at 360°

Or how to light from 2 to 3000 m² in 2 minutes with 8 kg of equipment ...



Power supply by 24V adapter for mains, generator set or by battery (optional ...)

The ROLALIGHT 30 is a revolutionary solution to the problems posed by the weight, size and time of implementation of zone lighting systems.



A sleeve made up of watertight led strips is unwound and then fitted onto a ROLATUBE unrolled mast. The assembly is fixed to the vehicle by two magnetic soles



The installation takes two minutes by a single operator.



Magnetic soles adapt to the relief of the body.



Attachment to a vehicle can be done at the rear as well as on the side.



Installation in open country by guy ropes can be done in 5 minutes by a single operator.



Supplied accessories



Minimum size of the 8 Kg bag containing the entire kit.

COMPOSITION OF THE STANDARD KIT in 4 M

Rollable mast ROLATUBE in 4 meters.

Top cap & base cap.

Sleeve with 30,000 lumen LED strips.

3 adjustable guide ropes for guy wire

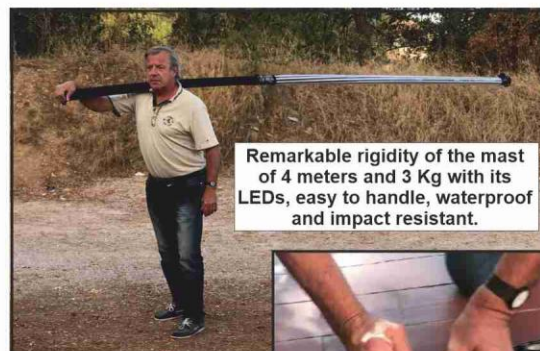


2 magnetic soles with 2 tightening straps

24V IP66 power supply for mains or generator. (Battery optional)

6 stakes for shoring

Textile bag or optional hard case.



Remarkable rigidity of the mast of 4 meters and 3 Kg with its LEDs, easy to handle, waterproof and impact resistant.

Made in our workshops of Castelnau le Lez (France). 2 years warranty.

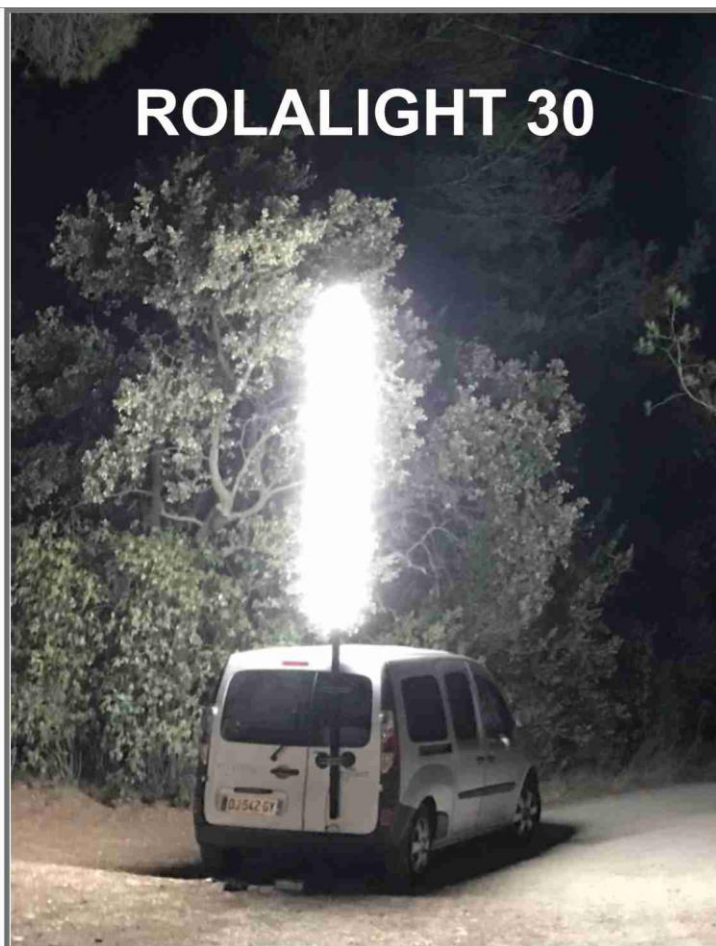
PATENT **explorcam**



Fixing the LED sleeve around mast by zipper.



USER MANUAL



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Composition of the standard kit in 4 m



Minimum size of the 7 Kg bag containing the entire kit. (Optional hard case)

Sleeve with 30,000 lumen LED strips.

Rollable mast ROLATUBE in 4 meters.

6 stakes for shoring

24V IP66 power supply for mains or generator with dimmer.

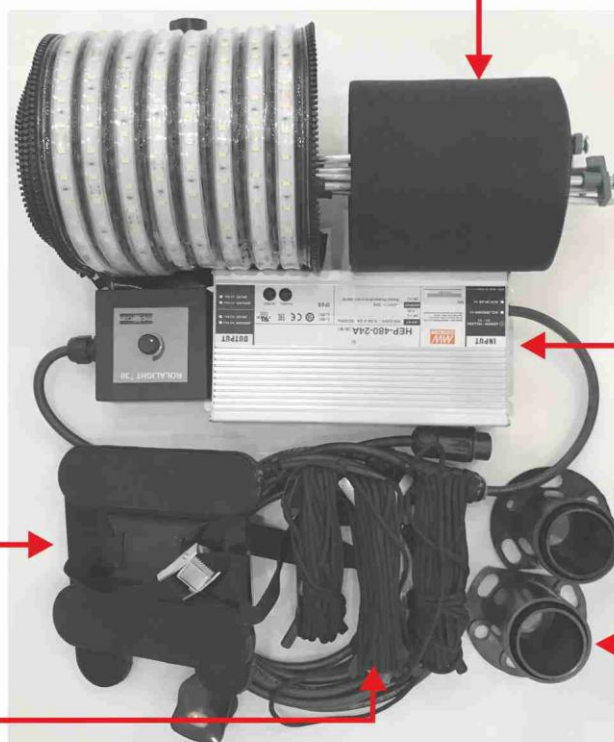
(Battery optional)

Top cap & base cap.

2 magnetic soles with 2 tightening straps

3 adjustable guide ropes for guy wire

Images non contractuelles:
Nous nous réservons le droit de
modifier le produit sans préavis.



DEPLOYMENT OF THE MAST

The mast will uncoil if you start to unroll it, just be sure to have 4 m clearance.

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4

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INSTALLATION WITH GUY WIRES

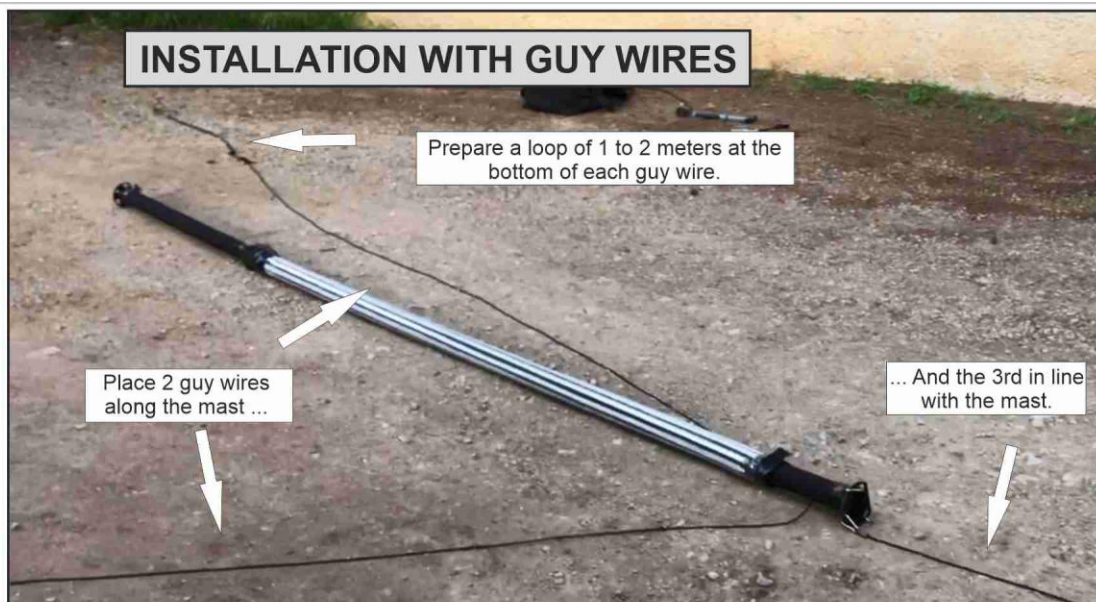
1- Installation of end caps



2- Sleeve installation



INSTALLATION WITH GUY WIRES



INSTALLATION WITH GUY WIRES



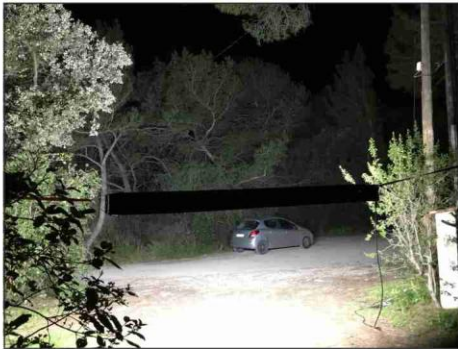
INSTALLATION BY MAGNETIC SOLES

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Incorporating 6 magnets of 34 K of power each, the soles equipped with a tightening strap allow the mast to be fixed in a few seconds on any metal support.



SUSPENSION INSTALLATION



Rings placed at the ends of the non-zipped sleeve allow 180° lighting after hanging between two trees, against a facade or on the top of a truck.



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POWER SUPPLY

Connect the supplied adapter to the mains or to a generator supplying 110 to 240 V. Connect it to the connector of the sleeve.

A- With adapter



Fixed to the transformer, a dimmer allows the light output to be varied.

B- With 653 W battery

1) Use the battery key to turn it OFF, then connect it to the regulator box as below.



Variateur de luminosité

2) Connect the regulator to the connector of the led sleeve then turn on the battery with its key (ON).



Do not obstruct the ventilation outlets under the regulator housing. The normal operating temperature of this regulator is approximately 44 °C.

The supplied adapter (2 Ah) allows full recharging in 13 hours.

Battery life at maximum power = 1h 40 mins'



The regulator unit is essential to avoid the overvoltage observed with all fully charged batteries. Overvoltage will cause overheating of the LEDs which will be detrimental to their lifespan. The temperature of these LEDs can reach 50 to 60 °C in normal operation.

ROLALIGHT system technical sheet

 Sleeve	Unfolded dimensions : 170 X 2700 mm
	Folded dimensions : Diam. 200 mm
	Weight : 1,2 Kg
	Maximum ambient operating temperature : 40°C
	Sleeve temperature when working : 50° C
	Wattage : 340 W (24 V)
	Light output : 30 000 lumens
	Water-resistance : IP63
	Connector : 2 PINS, female, IP68, cable 2 X 2,5 mm2 -50 mm.
 Adapter	220/240 => 24V DC - 480 W- 20 Ah. IP65.
	Dimensions : 240 X 125 X 40 mm.
	Weight with cables and connector : 3,3 kg
	Cable 1 : 3 X 1,5 mm2 in 3 m for connection to mains 220/240V with standard UE plug for mains.
 Battery	Cable 2 : 2 X 2,5 mm2 in 3 m with 2 PINS male, IP68 connector for connection to the sleeve.
	24 V 27 Ah 653 Wh. Li Ion Panasonic cells.
	Switch on / off by removable key.
	Dimensions: 420 X 80 X 110 mm. Weight with cable & connector :
	Cable : 2 X 2,5 mm2 in 420 mm. Connector : male, 4 Pins 30 A, IP68
	Operating temperature & storage : 0 to 45°C.
	Battery life at full power : 100 minutes.
	Charge / discharge cycles : 80% power after 600 cycles.
	Charging period : 13 H with 2Ah charger.
 Charger	Charger 29,4V-2 Ah with 3 Pins 30 A male connector.
	Dimensions : 120 X 60 X 35 mm. Weight with : 350 G

 Regulator	Description: The regulator unit is essential to avoid the overvoltage observed with all fully charged batteries, detrimental to the lifespan of the LEDs. This aluminium ventilated case, equipped with a power dimmer, is suitable for any 24V battery (lead, NiMH or lithium) and allows a constant level of lighting during operation.
	Power: 600W. Input voltage: 22 to 30 V. Output voltage: 18 to 24V.
	Dimensions : 115 X 140 X 220 . Weight : 3,6 K with cables.
	Connector : male, 2 PINS, 30A, IP68 (at the end of the 2 X 2,5 mm2 & 2,70 m long cable) for connection to the sleeve.
	Front panel connector for battery connection : female, 4 Pins 30 A.
 Mast	Weight without accessories : 1,5 Kg
	Dimensions folded : Diam.140 mm Height : 150 mm
	Dimensions unfolded : Diam. 2" et lenght : 4000 mm
 Magnetic sole	Magnets power : 6 X 34 kg
	Weight : 220 Gr. Dimensions : 181 X 163 X 10 mm
 Hard case	Dimensions : 480 X 360 X 198 mm. Unloaded weight with foam : 4,5
	IP67-Color : black.
	Weight with full Rolalight (including battery and charger) : 19 K
HS code : 9405.40.39.70	



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Power Case with Milwaukee or Dewalt batteries (VALBAT)



Ventilated waterproof case (Ref. VALBAT) with built in regulator for 2 x 2 Lithium Milwaukee or Dewalt 18V 12Ah batteries for powering on the ROLALIGHT 30 or DONUT 45 in 24V (with 2 x 65 minutes of run time).

Dimensions: 180 X 340 X 410 mm

Weight without batteries: 4,5 Kg.
Weight with batteries: 8 Kg.

Supplied without batteries

A pair of batteries gives 65 minutes run time for the ROLALIGHT 30 or DONUT 45 at full power.

(340 W and 30 000 lumens with the ROLALIGHT 30 and 45 000 lumens with the DONUT 45).

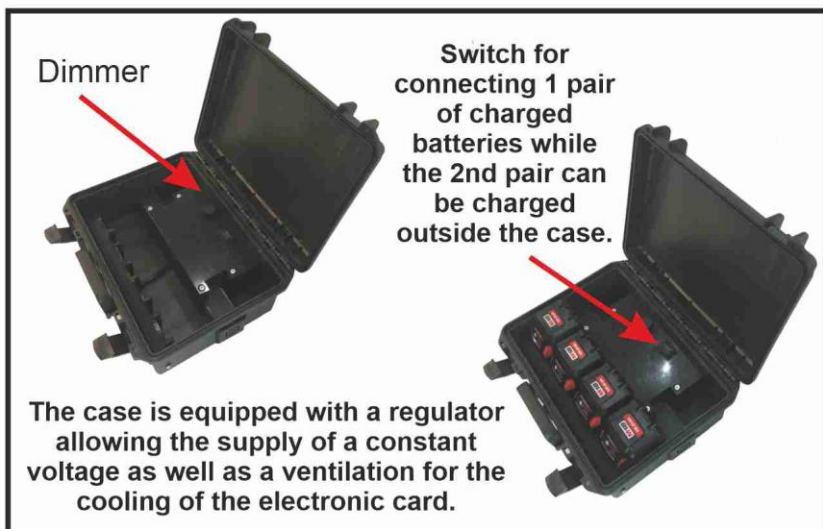
Conector IP68



ROLALIGHT 30



The 18V 12 Ah battery is recharged to 100% in 130 minutes.



Dimmer

Switch for connecting 1 pair of charged batteries while the 2nd pair can be charged outside the case.

The case is equipped with a regulator allowing the supply of a constant voltage as well as a ventilation for the cooling of the electronic card.

Label

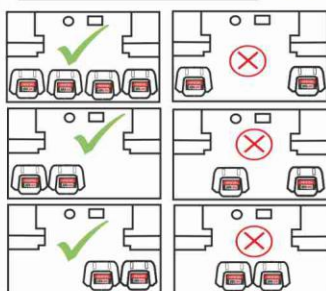
Instructions for using the VALBAT power case.



Power supply by the pair of batteries on the left



Power supply by the pair of batteries on the right



Two pairs of MILWAUKEE 18V and 12 Ah batteries supply your lighting system with 24V constantly thanks to an integrated and ventilated regulator. The closed case is waterproof (IP67). When a pair of batteries is discharged you can recover power from the second pair with the central button and charge the empty batteries to the mains with a MILWAUKEE rapid charger.

Make sure that the pair of batteries that you put in the case are both fully charged.



NS VALBAT0421001

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VALBAT
leak test

