

LIGHTING EQUIPMENT

Mobile Lighting Tower STELLA-100

Mobile lighting tower STELLA-100 is designed to illuminate airfields or landing grounds at night, as well as objects in hangars or at airfields under insufficient visibility conditions.

The device is equipped with an additional 3 x 230 V 50 Hz a.c. and 1 x 12 V d.c. output, as well as a 160 l/min. air compressor. STELLA-100 is a mobile device mounted on a low chassis, fit for towing. It is equipped with two independent power sources - an electric power unit and a multi-fuel engine.

The unit is adapted for transport on board CASA C-295M aircraft or its equivalent.



TECHNICAL DATA

luminous flux
100 000 lm

max. mast height
3,94 m

illumination angle
120° - 150°

additional output
3 x 230 V a.c. 50 Hz 1 x 12 V d.c.

lamp power
1 x LED 400 W
4 x LED 1600 W

LED life on one tank
20 h

LED adjustment range (vertical - horizontal)
360°

compressor capacity
160 l/min

PARAMETERS

dimensions in working position (L x W x H)
3220 mm x 1550 mm x 3940 mm

dimensions in marching position
3220 mm x 1550 mm x 1200 mm

weight
550 kg

Power generator
single-cylinder direct injection 418 cm³ diesel
engine, AVR output voltage stabilization
system fuel
diesel

fuel tanks capacity
16 dm³

electric starter
0,9 kW/12 V

battery
36 Ah

rotation speed
3000 rpm

power
7 kVA

option to connect external 230 V a.c. loads
4,5 kW aggregate power (3 sockets)
protection B16A

Chassis

DMC
1000 kg

drawbar
with ball or eye hook

electrical installation
12 V or 24 V

adjustable hitch height
600 ÷ 1200 mm