

Torcia UV 400W

for curing process with UVA and/or UVV rays



1. Description

The portable lamp called **TORCIA UV 400W** has been designed for curing products with **UVA and/or UVV (visible ultraviolet) rays**.

It is particularly suitable for the repair and finishing in automotive professional field.

The powder-coated sheet metal body is light and easy to handle.

2. TORCIA UV 400W General features

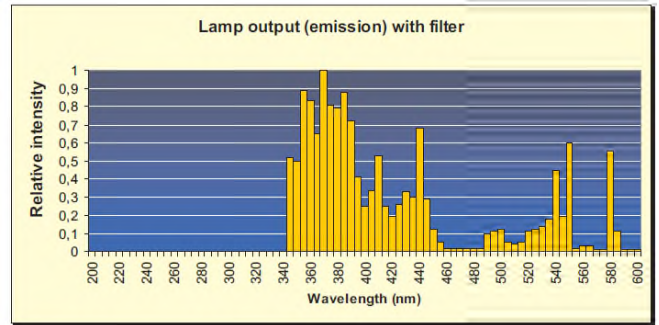
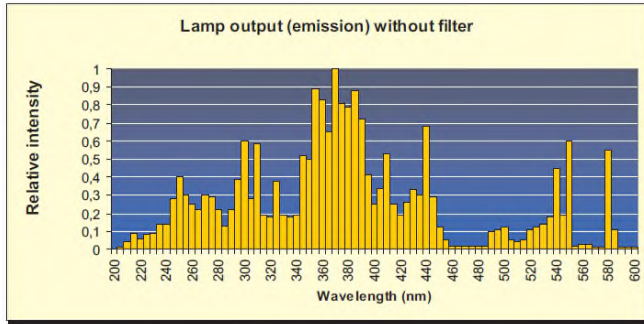
- Covered area of about 30-35 cm width
- UV-A power $35\text{mW}/\text{cm}^2$ at 30 cm
- Lighted main switch for power unit ON/OFF
- UVA bulb easily replaceable with Iron radiation
- Polished aluminum reflector to increase the efficiency of the bulb
- Programmable timer with LCD display and end of exposure acoustic signal
- Transparent or blue filter for dust lamp protection and to cut any dangerous radiation below 340 nm
- Hour counter to check the lamp lifetime
- Adjustable lens hoods to limit light reflections towards the operator
- Handle to comfortably maneuver the lamp
- Easily replaceable safety fuse
- Integrated cooling fan to increase the average lifetime of the UV bulb
- Very flexible connection cable with polarized quick connector
- Operation at 230V 50Hz (other voltages available on request)
- All the spare parts always available on stock

3. UV-A BULB General features



- 400 Watt high-pressure metal halide lamp with iron additive
- Very low ozone emissions
- Radiation emitted between 300 and 400 nm
- Dangerous radiations below 350 nm, blocked by special glass filter

4. Spectrum emission



5. Application fields



- Adhesives, sealants, glues with UV Photoinitiators
- Automotive: UV resin filler hardening, transparent varnish drying on Spot Repair
- General UV Curing
- Glass and plastics bonding

6. Advantages

The most important features in UV Curing surface treatment are the covered area (about 30-35 cm width) and the UV-A power (35mW/cm²).

TORCIA UV 400W with its features can get:

- High UV radiancy efficiency
- Excellent UV-A output over time
- Long average lamp lifetime
- Fast UV curing time (1 to 3 minutes)
- Low heating emission
- Possibility of using multiple lamps to cure UV products on very large or 3d surfaces

7. Optional stand device

The optional stand device is designed for the best use of the TORCIA UV 400W lamp and facilitates its use as if fixed in a specific position, it allows the operator to move away during the exposure.

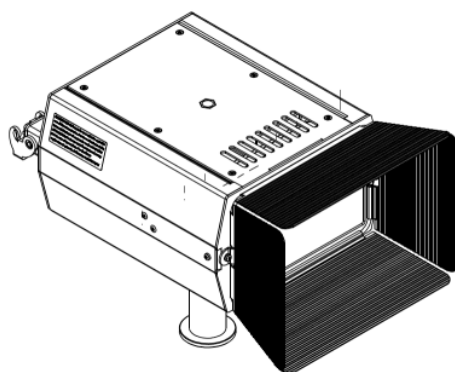
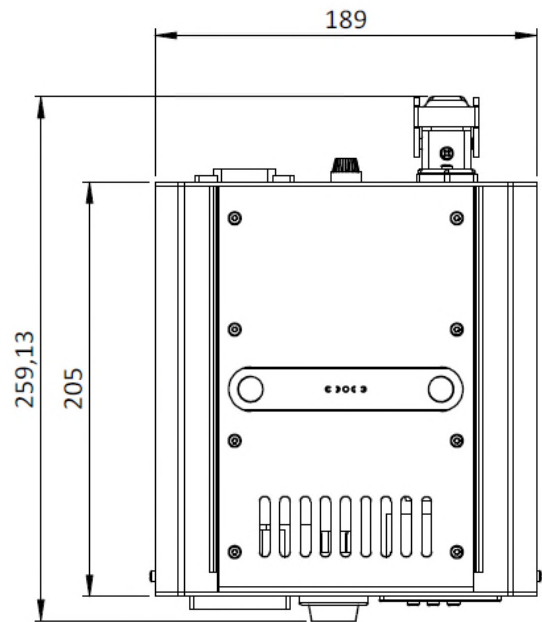
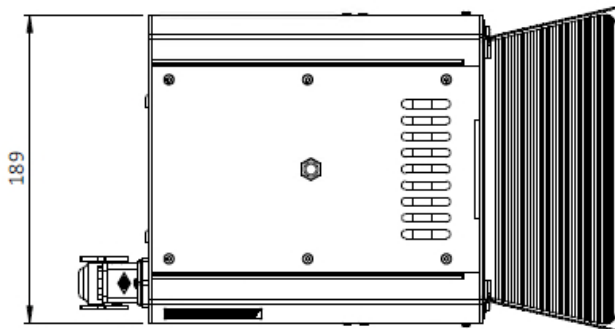
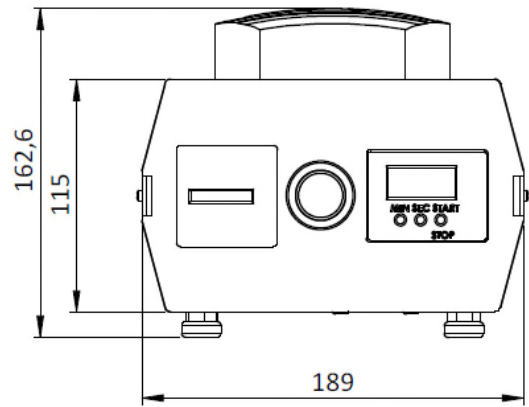
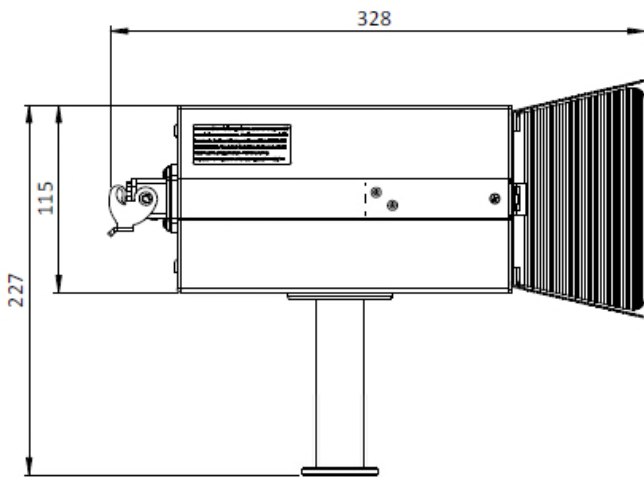
It is designed to fix 1 single lamp, 2 lamps placed side by side or vertically or 4 lamps (see the specific Brochure STATIVO TORCIA 400W).

8. Operator safety

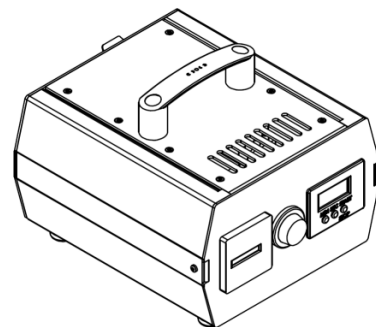
TORCIA UV 400W generates UV-A radiation so the operator must avoid direct eyes exposure and protect eyes and skin in case of long exposures.

Also the operator must wear these devices for individual protection: protective gloves, goggles with anti-UV lenses with a gradation number between 2 and 4, work suit.

9. Dimensions and weight



Lamp unit (without hood)
Kg 2.7



Power unit
Kg 6.8

10. Packaging

Box with dimensions 40x30x20h cm and weight 9.5kg