

# T-LED8 & T-LED16



## Waterproof LED UV-A Tube for Penetrant Station



### GENERAL

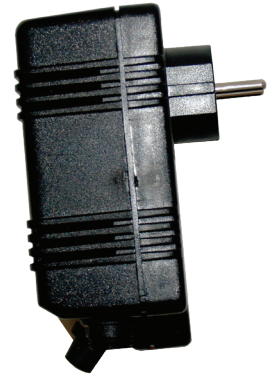
If the interpretation of fluorescent penetrant testing requires specific lighting conditions, the previous steps, in particular the rinsing of the parts, must also meet certain requirements. The irradiance on the surface of the part must be  $\geq 300 \mu\text{W}/\text{cm}^2$  (NF EN ISO 3059). SOFRANEL proposes to replace the UV-A neon lights usually used by LED tubes compliant with NF EN ISO 3452-1 offering better lighting conditions and lower maintenance costs. Waterproof (IP 67), powerful and robust, the models **T-LED8** and **T-LED16** will become your new references in the optimization of your control conditions.

### Technical characteristics

	T-LED8	T-LED16
Wavelength (peak)	365nm $\pm$ 3nm	
Number of UV-A LEDs	8	16
Irradiance at 700 mm	1500 $\mu\text{W}/\text{cm}^2$	
Irradiance at 1400 mm	300 $\mu\text{W}/\text{cm}^2$	
Illuminated area $\geq 300 \mu\text{W}/\text{cm}^2$ at 700mm	870 x 570mm	1460 x 600mm
Stray white light at 1400 mm	< 20 lx	
White light	Optional	
Protection sign	IP67	
UV filter	WITHOUT	
Cable length	10m	
Mass	1.6kg	3.2kg
Dimensions (L x $\varnothing$ )	530 x 70mm	1060 x 70mm
Power supply	230V / 50hz	
power type	Individual power adapter (IP44) or external box that can couple up to 4 tubes (IP54)	



and external power supply



AC adapter

### External power box

Dimensions (L x W x H)	approx. 300 x 200 x 150mm
Weight	3kg
Cable length	5m
Mounting tube	Fixed (standard) or withdrawable (option)

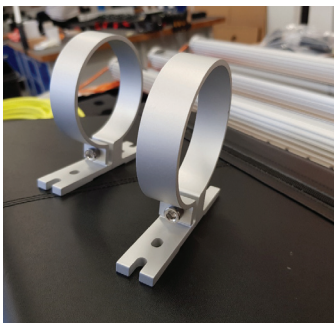


Fixed

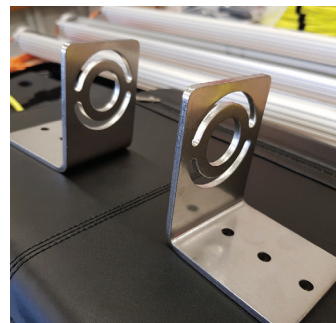
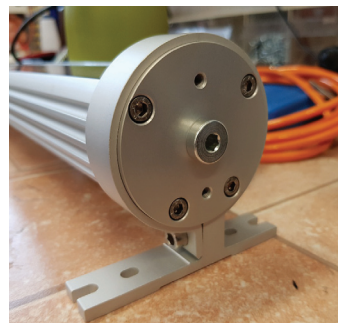


Withdrawable

### Two types of brackets (optional)



Circular



Angular



For a covered area and greater illumination, the tubes can be coupled by 2, 3 or 4 on a P-LED 5000 ceiling-type lateral support. Other lengths of tubes and cables can be obtained on request in order to meet your needs. **Do not hesitate to contact us.**