



# Aster PLUS



our light your healthcare



## LED technology

neutral and shadowless, non-polymerizing

A CRI (Colour Rendering Index) factor of 80 points, together with temperature colour of 5,400 K and a white beam having a maximum brightness of 35,000 lux, ensures a perfect perception of the illuminated area colour. Our 3 level intensity regulating system ensures that the light source can be used even without non-polymerizing filters<sup>(1)</sup>.

long life span, low consumption and lack of noise

The LED technology is synonymous of lack of heat and noiselessness. The fan cooling of the light is no longer requested. **Aster-Plus** consumes up to 10 times less than a traditional lamp and its usage, even at max power level, does not exceed 60% of its capacity.

**Aster-Plus** assured working life can exceed 50,000 hours.

## Reliability and life span

heat resistant materials, inert to detergents and stable in time

The high quality plastics used for the **Aster-Plus** are resistant to elevated temperatures over those normally used.

Thanks to their stability, their excellent mechanical characteristics remain unchanged in time. Moreover, their chemical composition ensures an inert behavior compared to the most common detergents. The soft touch handles are removable and autoclavable. All materials have been tested and certified by the Catas Institute<sup>(2)</sup>.

## Ergonomics and design

Italian design

The **Aster-Plus** project has been created by an Italian design studio having years of experience working for important international brands.

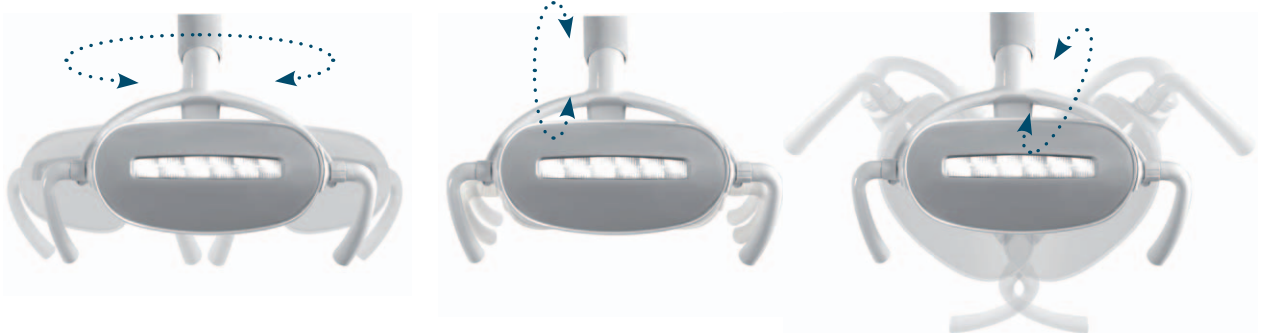
handiness and customizations

Our lamps have been designed focusing attention to the ergonomics. The third movement allows an easy hold and a quick and precise positioning of the light beam.

Design also means working with a product close to everybody's needs and suitable with its own lifestyle. Therefore **Aster-Plus** offers several options, like two different light beams, the possibility of ceiling or chair unit installation, the touch switch option as well as a wide range of chromatic RAL colours<sup>(3)</sup>.

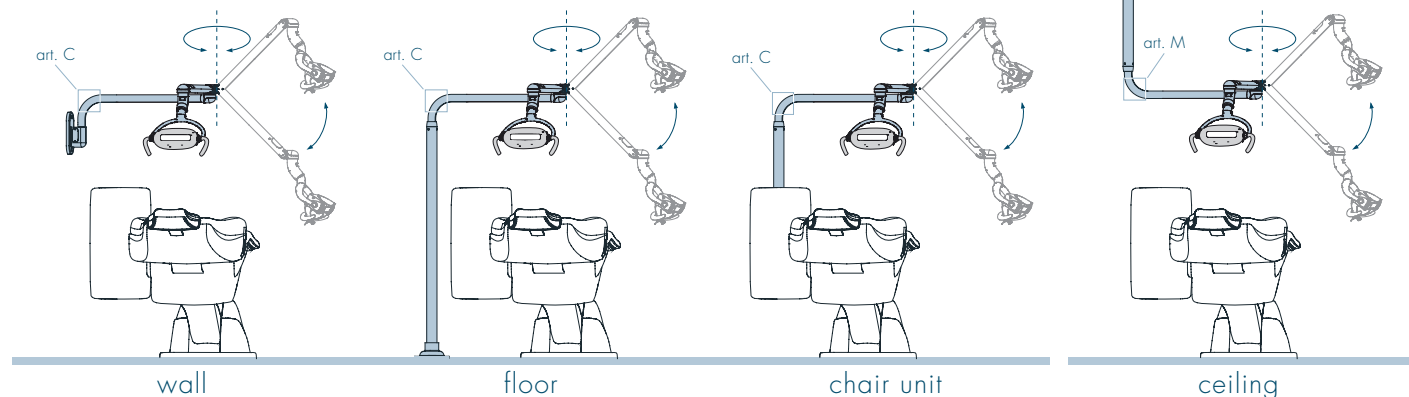


art. ASTERPLUSDMLEDT9010



# Installation sets

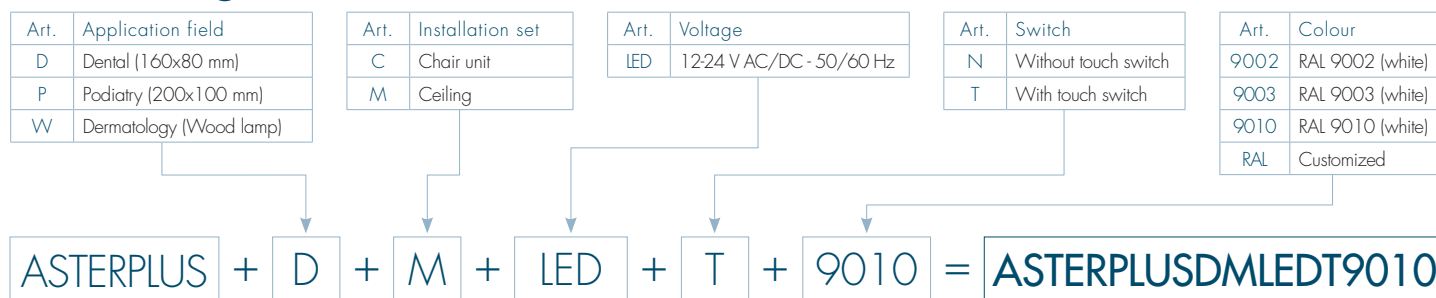
Mounts and/or adapters to be ordered separately. Request the specific brochure.



## Technical specifications

	Dental	Podiatry	Dermatology
Product	ASTERPLUS		
Class	I type B		
Accordance with	93/42 EEC Medical devices directive		
Standard	UNI EN ISO 9680		
Light beam dimension	160 x 80 mm	200 x 100 mm	200 x 100 mm
Power	12 W max	14 W max	12 W max
Light intensity at 70 cm	min 15,000 – max 35,000 lx	min 15,000 – max 31,000 lx	-
CRI	80	80	-
Led	6 x 1 W	6 x 1 W	6 x 1 W
Colour temperature	5,400 K max	5,400 K max	Wood 390 nm
Ultra violet radiation	no	no	yes
Infrared radiation	no	no	no
Fan	no	no	no
Life cycle	~ 50,000 hours	~ 50,000 hours	~ 50,000 hours

## Configurations



**How to order**  
Specify the required configuration by adding the single articles. **ASTERPLUSDMLEDT9010** is the complete code for ordering an **Aster-Plus** lamp with: dental light beam (**D**) - ceiling installation (**M**) - LED light (**LED**) - touch switch (**T**) - 9010 white colour RAL (**9010**).

- notes
- Tests carried out in our laboratories with the most common composites used in the dental field.
  - Catas s.p.a., founded in 1969, is an Italian Institute for testing and research according to the European (EN), International (ISO) and National Laws (UNI, DIN, BS, NF, ASTM, ANSI, etc.) or other technical standards. Certifications issued by Catas:
    - Resistance to the cold liquids (disinfectants for dental surgery) PTP 53:1995 - test number No.139441/1.
    - Lap shear strength - test number No.139437/1 and No.139437/2.
  - RAL (Reichsausschuss für Lieferbedingungen): International chromatic scale.

# DID PLUS

**DID PLUS** designs and manufactures high technology products for the *medical, dental and lighting markets* worldwide.

Nowadays **DID PLUS** is a brand of **Calzavara s.p.a.**, a consolidated industrial entity, synergic and unique in terms of organization, quality and innovation. **Calzavara**, founded in 1976, acquired over 30 years of know-how in the domestic and international telecommunication and energy markets.



DID PLUS headquarters in Basiliano

## our medical products

- lamps
- arms
- monitors
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DID PLUS  
S.S. Pontebbana, 103  
33031 Basiliano ITALY  
ph. +39.0432 832908  
[www.didplus.it](http://www.didplus.it)