EN

Lynx

DESIGNED AND IN ITALY MANUFACTURED

DID PLUS

our light your healthcare

Lynx, the evolution of the species

"Nothing is created or destroyed, but merely transformed" (Antoine Lavoisier)

Carcharodon megalodon tooth fossil, 23 million years old, found in Miocenian rocks of South Carolina (USA). It is the biggest shark ever existed, the ancestor of the white shark. It could reach 17 meters in length and a weight of 45 tons. Voracius predator, he could eat more than 8 tons of meat every day. Carcharodon megalodon appears in the Eocene epoch about 55 million years ago and his extinction is still wrapped in mystery: so that the hypothesis of the existence of very few specimens is still supported.

Lynx

Developed with support from a professional team, the Lynx LED lamp stands out through its ergonomic shape with exclusive design: soft and balanced lines without corners and sharp edges. The design took into account the aesthetic factor without undermining ease of using and of cleaning. The third movement of the lamp unit, supported by the new handle, which can be dismantled and sterilized, also allows the beam of light to be directed fast, easily and accurately. Lynx emits a perfectly focused neutral white light with a CRI factor of 80 points and maximum luminosity of 40,000 Lux. The virtually unique special feature of Lynx is the guarantee of a perfect perception of the area lit; even at distances considerably different from the standard 70 cm. Lynx offers finally an exclusive system of prevention of dazzle for patients. The high quality of the plastics guarantees ruggedness, resistance to the most commonly used detergents and hygiene in time, in this way complying with the standards demanded by the medical sector. The mechanical, electrical and electronic components and materials of Lynx were tested and certified at the CATAS[1] laboratory.

DESIGNED AND IN ITALY MANUFACTURED

Lynx, thanks to three different spotlights, meets the needs of different professionals:

- Dentists
- Dermatologists
- Podiatrists

Optional touch switch

3 light intensity steps

High quality plastics

Detachable handle for autoclave sterilization

LED TECHNOLOGY

Neutral and shadowless

The Lynx lamps optical efficiency is based on an innovative design of the Fresnel lenses integrated with property electronics. These technical elements ensure a neutral, focalized and shadowless light, with a maximum colour temperature of 5,400 K.

Non-polymerizing

Our continuous luminous intensity regulating system ensures that the light source can be used even without non-polymerizing filters[2].

White light and natural colours

A CRI (Colour Rendering Index) factor of 80 points, together with a white beam having a maximum brightness of 40,000 lux, ensures a perfect perception of the illuminated area colour.

RELIABILITY AND LIFE SPAN

Heat resistant materials, inert to detergents and stable in time

The high quality plastics used for the Lynx 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 handle is removable and autoclavable. All materials have been tested and certified by the Catas Institute[1].

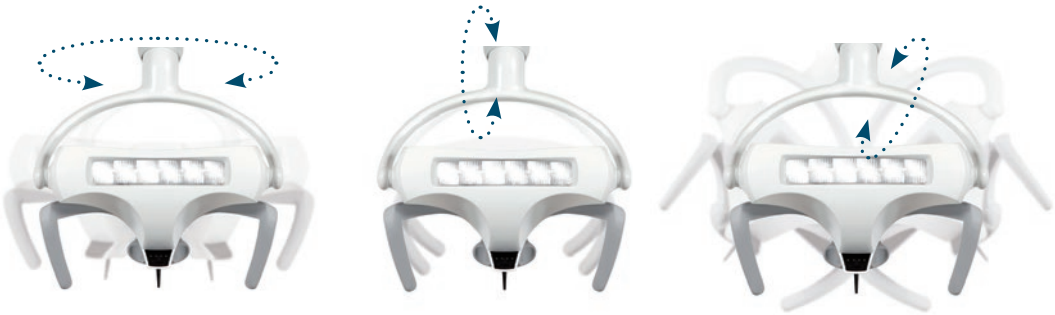
Long life span, low consumption and lack of noise

The LED technology is synonymous of lack of heat and noiselessness. The fan cooling of the light is no longer requested. Lynx 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. Lynx assured working life can exceed 50,000 hours.

DESIGN AND ERGONOMICS

Handiness

Our lamps have been designed focusing attention to the ergonomics.
The easy detachable handle is made of soft touch materials. The third movement allows an easy hold and a quick and precise positioning of the light beam.



Italian design

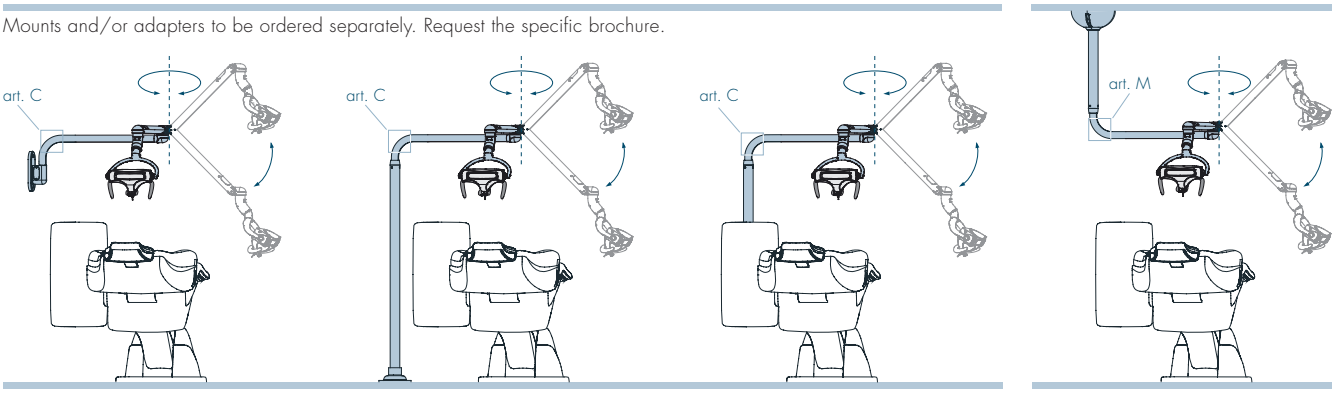
The Lynx project has been created by an Italian design studio having years of experience working for important international brands.

Customizations

Design also means working with a product close to everybody's needs and suitable with its own lifestyle. Therefore Lynx 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 RAL colours[3].

INSTALLATION SETS

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



TECHNICAL SPECIFICATIONS

	Dental	Podiatry	Dermatology
Product	LYNX		
Class	I type B		
Accordance with	93/42 EEC Medical devices directive		
Standard	UNI EN ISO 9680		
Light beam dimension	180 x 80 mm	300 x 200 mm	300 x 200 mm
Power	12 W max	14 W max	12 W max
Light intensity at 70 cm	min 3,000 – max 40,000 lx	min 3,000 – max 35,000 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

Art.	Application field
D	Dental (180x80 mm)
P	Podiatry (300x200 mm)
W	Dermatology (Wood lamp)

Art.	Installation set
C	Chair unit
M	Ceiling

Art.	Voltage
LED	12-24 V AC/DC - 50/60 Hz

Art.	Switch
N	Without touch switch
T	With touch switch

Art.	Colour
9002	RAL 9002 (white)
9003	RAL 9003 (white)
9010	RAL 9010 (white)
RAL	Customized

LYNX + D + M + LED + T + 9010 = **LYNXDMLEDT9010**

HOW TO ORDER

Specify the required configuration by adding the single articles. **LYNXDMLEDT9010** is the complete code for ordering a **Lynx** lamp with: dental light beam **(D)** - ceiling installation **(M)** - LED light **(LED)** - touch switch **(T)** - 9010 white colour RAL **(9010)**.

notes

1. Catas s.p.a., founded in 1969, is an Italian Institute for testing and research according to the European (EN), International (ISO) and Nationals 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.
2. Tests carried out in our laboratories with the most common composites used in the dental field, with the lamp having minimum intensity setting.
3. RAL (Reichsausschuss für Lieferbedingungen): International chromatic scale.




DID PLUS

DID Plus is an Italian firm involved for years in the development of high-tech components for the dentistry, medical and industrial markets. In 2011 DID Plus was taken over by Calzavara Group and became one of its brands. The new owner radically reorganised operations and management with very positive results for the Group's synergies and the development of innovative product lines. Our mission is to offer customers the skill gained in lighting systems with LED technology, in moving mechanical arms and in industrial components.
Our strength lies in customer satisfaction via structured partnerships founded on high standards of quality and service.

CALZAVARA S.P.A.

Founded in 1966 as a sole proprietorship, Calzavara became a public limited company in 1979. The company operates on the domestic and international markets with a consolidated presence in over 30 countries. Telecoms and energy are its traditional target markets thanks also to the natural capability for innovation. It has moved on from the small artisan business of the Seventies to a structured medium-sized firm which can rely on a work force of over 120 employees with a quota of over 20% of graduates. In addition to the location in Basiliano in the province of Udine, Calzavara has sites throughout Italy and sole rights agents and distributors on the relevant foreign markets. Calzavara operates on the TLC market as system integrator, offering a vast range of innovative and traditional services and products. The company also offers turnkey services and innovative systems referred to alternative and renewable energies. In particular in the biogas, photovoltaic and wind power sectors and back-up and storage of energy. Automotive and medical are finally the new frontiers towards which the company has successfully turned.

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