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LED TECH



01

MAIA
DENTAL
LED LIGHT

CE

Medical Device compliant
with Directive 93/42/EEC
FARO S.p.A.: Via Faro, 15
20876 Ornago (Italy)

EXPERIENCE AND INNOVATION
SINCE 1948

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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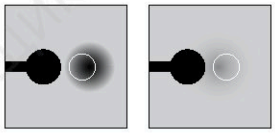
MAIA DENTAL LED LIGHT



12-MONTH-GUARANTEE

High technology in tune with the market.

The ideal solution for anyone looking for a LED operating light with high performances at an affordable price. **Faro patented optical system, removable and sterilizable handles** and, from now on, a **new** electronic board which ensures the **perfect compatibility with the video acquisition systems and diagnostic tools**, that nowadays are even more common in the dental practices.



Minimum dimension of the sharp shadow required by standards: Ø 12mm

MAIA scialytic effect generates an ellipse of only 9x6 mm

Patented optical project with reflected light.

Thanks to its **exclusive optical project with reflected light**, and through the 258 small reflecting facets included in each of the two parables, MAIA avoids the direct vision of the 2 LEDs, **creating a 175 x 100 mm spotlight area absolutely uniform**. The accurate definition of the spotlight removes the glare, protecting your patients' eyes.

Progressive adjustment and memorization of illuminance.

The new electronic control of the illuminance, activated by joystick or sensor, **adjusts the light** from maximum to minimum power without any interruption, **keeping the colour temperature constant.** Automatic memorization of used light intensity, also after switching off the unit's power or after the 'rinse' function.



ELECTRONIC CONTROLS

- Switching on/off from the head
- Switching on/off version also from unit or by foot control

OPTIONAL

- Remote control from the unit: allows user to repeat all switch functions
- Rotation on Third Axis
- Complete Ral colours range
- Extended Warranty to 24 months



MAIA handles are removable and sterilizable.

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2-D ROTATION
OR 3-D AS AN OPTION

Perfect balancing, combined with the exclusive head rotation system on two axis. Moreover, choosing the third axis rotation option, it's possible to achieve a better positioning of the luminous flux.



LED TECH THE **LED TECHNOLOGY**
(LIGHT EMITTING DIODE)

LED technology is the present and the future of lighting: the light is obtained by a flow of electrons that goes trough a semiconductor material generating very little heat at constant light flow. Because of their simple design, LED lamps are virtually maintenance free, have a great luminous efficiency and incomparable durability.

S-FX	**SCIALYTIC EFFECT**: ellipse of 9x6mm (typical value subject to tolerance)
LUX	**ILLUMINANCE**: from 3.000 to 35.000 (typical value subject to tolerance)
K	**COLOUR TEMPERATURE**: 5.000 K (at any intensity) (typical value subject to tolerance)

TECHNICAL FEATURES

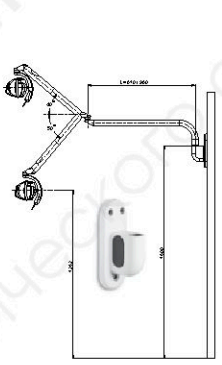
OPTICAL SYSTEM PATENT **N. EP 1847762**

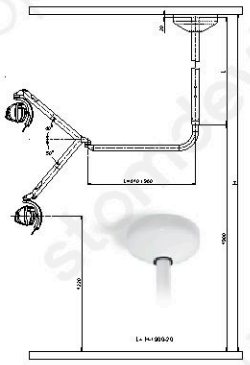
GENERAL FEATURES*	
Power Supply with transformer	230 Vac +/- 10% - 50/60 Hz
Power Supply with/without power pack	90-264 Vac - 47-63Hz / 17-24 Vac - 50-60 Hz 22-35 Vdc
Absorbed Power	max 9 VA
Lux	from 3.000 to 35.000 (from the distance of 700 mm)
Lighting spot	175 x 100 mm (from the distance of 700 mm)
Cooling System	static heat sink (no fan required)

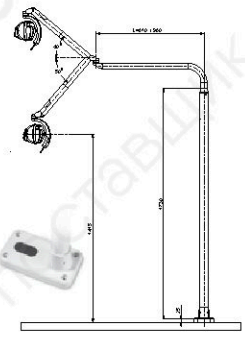
Medical Device complies with Directive 93/42/EEC and s.m.i. - Medical devices - class I - Applied Standards: EN 60601-1, EN 60601-1-2, EN 62471; Guaranteed 12 months
*(The above specifications are typical values subject to tolerance)



Thanks to a wide range of applications **MAIA** is available for **WALL**, **CEILING** and **FLOOR** mounting.


WALL APPLICATION


CEILING APPLICATION


FLOOR APPLICATION

INFO LINE:

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BEHIND THE TECHNOLOGY

Faro's core business is the result of the best Italian technology and the daily commitment of many people working to shape excellent products, designed on the real ergonomic needs of the dentists and their patients.

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FARO S.p.A. founded in 1948 by Osvaldo Favonio, designs and manufactures equipment for dental units, dental practices and dental labs. Manufacturing, design, research & development, all take place in our over 5,000 square metre plant in Ornago (MB), Italy.

Over the years, the company has become a world leader in this specific sector: a role gained by commitment to technology, research and design and an ability to understand the real needs of end users.

Utmost quality is assured by the internal management of the whole manufacturing cycle and a qualified and efficient pre and after-sales service. FARO experience best expresses the pride of a product made entirely in Italy.

The **six product lines** that manufacture and market offer a **comprehensive choice of solutions** for equipping dental practices and laboratories.

ILLUMINATION
LED AND HALOGEN
includes several models of lamp, made with LED and HALOGEN technology;

APPLICATION SETS
AND ACCESSORIES
essential for mounting the lights and their accessories to the dental unit and within the practice;

STERILIZATION
AND PACKAGING
includes class B autoclaves, distillers and sealing machines;

INSTRUMENTS
FOR DENTAL CABINETS
turbines, syringes, contra-angles and handpieces;

COMPONENTS
FOR DENTAL UNITS
a range of accessories and parts dedicated to dental units;

INSTRUMENTS
FOR LABORATORIES
motors and handpieces;

We can also customize our products to meet specific requests. For a customization project please contact our Customer Service.

FARO
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Certified Company
CSQ ISO 9001:2008 CSQ MED ISO 13485:2003

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