

LED  
TECH



NEW

# MAIA DENTAL LED LIGHT



Medical Device complies  
to the directive 93/42/EEC  
FARO SPA: Via Faro, 15  
20876 Ornago (Italy)



SINCE 1948: EXPERIENCE  
AND INNOVATION

NEW

# MAIA DENTAL LED LIGHT

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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 scalytic 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 parabolas, MAIA avoids the direct vision of the 2 LEDs, **creating a 170 x 85 mm spotlight area absolutely uniform**. The accurate definition of the spotlight removes the glare, protecting your patients' eyes.

## NEW 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

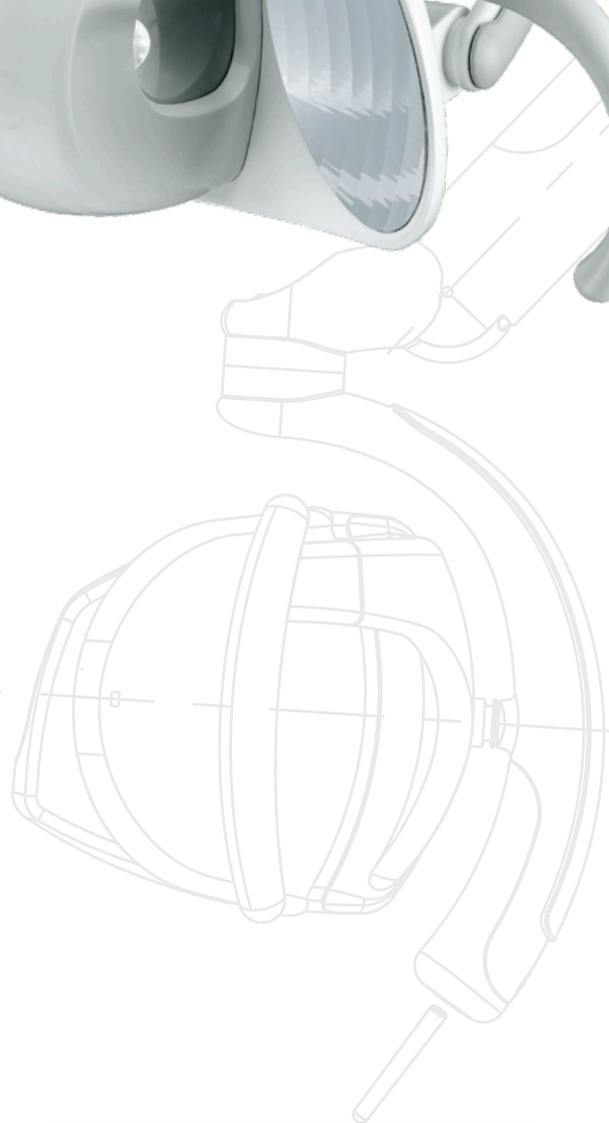
- Switching on/off from the head;
- Switching on/off version also from unit or by foot control;
- Electronic lighting adjustment by microprocessor

### 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

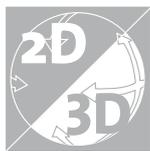


MAIA handles are removable and sterilizable.



50°

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

LED technology is the present and the future of lighting: the light is obtained by a flow of electrons that goes through 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.

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



**EXTERNAL POWER SUPPLY** NEW

As an option, a new small external power supply "world wide range" allows MAIA to connect directly to the network. The power supply can be easily placed in the unit or in the ceiling application.

**TECHNICAL FEATURES**

■ OPTICAL SYSTEM PATENT N. 1847762

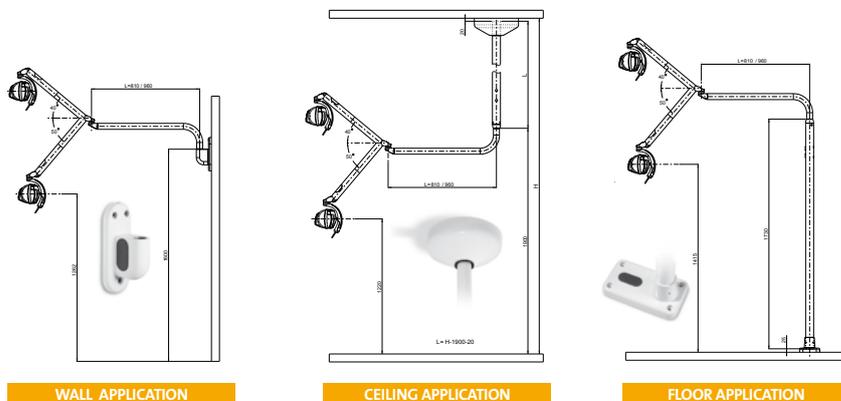
**GENERAL FEATURES\***

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	170 x 85 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 60825, EN 62471; Guaranteed 12 months  
\*(The above specifications are typical values subject to tolerance)



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



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AND INNOVATION

**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.

**FARO S.p.A.** founded in 1948 by Osvaldo Favonio, designs and produces equipment for the manufacturer of dental units, dental cabinets and dental laboratories. In over 5,000 square meters of the production plant in Ornago (MB), both the production and the design and research & development take place.

Over the years, the Company has earned the position as world leader in the specific sector, a role gained thanks to the technology and design research and the ability to understand the real needs of end users. Total quality, assured by the internal management of the entire production cycle and by a qualified and efficient pre- and post-sales service. FARO experience best expresses the pride of a total-made-in-Italy product.

The **six product lines** that we are producing and marketing offer a **full range of solutions** for the construction of the medical and dental laboratory



### ILLUMINATION

LED AND HALOGEN

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



### APPLICATION SETS

AND COMPLEMENTS

essential for the positioning of the lamps and related accessories on the dental unit and inside the cabinet;



### STERILIZATION

AND WATER TREATMENT

includes class B autoclaves, distillers, and systems for the treatment of water;



### INSTRUMENTS

FOR DENTAL CABINETS

turbines, syringes, handpieces and contra-angles;



### COMPONENTS

FOR DENTAL UNITS

a complete line of components, accessories and spare parts intended for dental units;



### INSTRUMENTS

FOR LABORATORIES

motors, handpieces and trimmers;

We can also customize our products to meet specific demands. For a custom project, please contact our Customer Service.



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Certified Company



ISO 9001:2008 ISO 13485:2003

INFO LINE:

