

faro

dental
led light



NEW

MAIA DENTAL LED LIGHT

LED
TECH

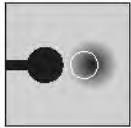


Medical Device complies
to the directive 93/42/EEC
FARO SPA Ornago (Italy)

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 selenitic
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 170 x 85 mm spotlight area absolutely uniform**. The accurate definition of the spotlight removes the glare, protecting your patients' eyes.

The progressive regulation of light intensity.

MAIA is provided with an advanced electronic device that manages the regulation from maximum to minimum, in order to assure a **constant colour temperature** (equal to 5,000 K) **at every level of brightness** (from 3,000 to 35,000 lux).



ELECTRONIC CONTROLS

- Switching on/off from the head;
- Switching on/off version also from unit or by foot control;
- Electronic lighting regulation from maximum to minimum through a 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 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 9x6 mm
(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)



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

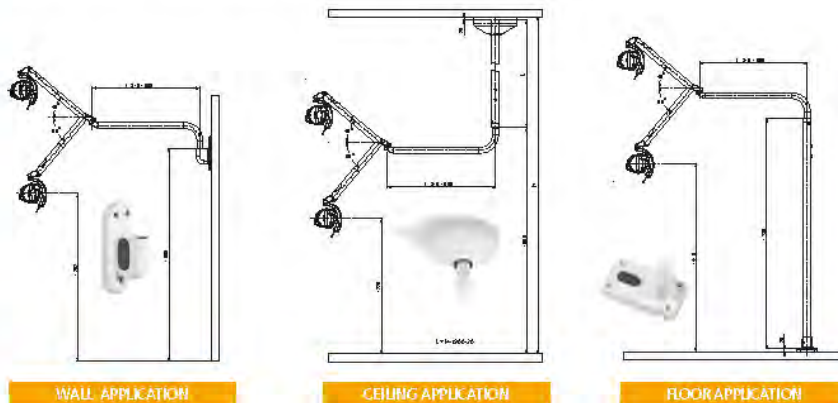
■ OPTICAL SYSTEM PATENT N. 18 47762

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.



SINCE 1948: EXPERIENCE 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.



your dental equipment sales, service and training partner

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