

# EVA

THE ULTIMATE DEFINITION OF LIGHT

FARO

EXPERIENCE AND INNOVATION
SINCE 1948



## A NEW DIMENSION OF LIGHT ON DENTAL TREATMENTS
### CONSISTENT RELIABILITY IN QUALITY AND PERFORMANCE

EVA recreates the ideal vision for a perfect balance of colour and depth.
You can recognize every little detail of biological tissues, outlines and surfaces in an elliptical spot that is specific for the oral cavity.

EVA MARKS A NEW AGE OF TECHNOLOGY BY OFFERING THE HIGHEST STANDARD OF VISUAL COMFORT AND LIGHTING EXPERIENCE TO THE MEDICAL TEAM AND THE PATIENT.

# EVA TUNABLE WHITE

## FOUR COLOUR TEMPERATURES
## MAXIMUM FIDELITY OF PERCEPTION




EVA

**EVA Tunable White** allows you to **select the ideal colour temperature** for the dental procedure: 5700K, 5000K, 4000K, 2700K Composave Function.

The **bright gem** on the lamp head immediately shows the level of illuminance and colour temperature.

The **patented, unique, reflected-light optical design** ensures a well-defined light spot, preventing glare for patients.

**5700K**

IDEAL FOR HIGH CONCENTRATION AND 3D PERCEPTION FOR TOOTH SHADES DETECTION, PROSTHETICS AND CONSERVATIVE.

**5000K**

IDEAL FOR SURGERY, ORTHODONTICS, CONSERVATIVE AND PEDIATRIC DENTISTRY.

**4000K**

IDEAL FOR SURGERY.

**2700K**

COMPOSAVE TO AVOID CURING.



# EVA CAM

## DESIGNED BY DENTISTS FOR DENTISTS

**EVA CAM** is the operating lamp with **integrated professional camera** available in SUNLIGHT and TUNABLE WHITE versions. Ideal for real time pics and videos to share and compare live and remotely.
The **zoom** is specific for dental practice to ensure direct and precise framing.
The foot control allows no interruptive procedure to keep the attention on the operating field.
EVA CAM is the best partner for **constant and effective communication** with the patient, colleagues and students and it enables a comprehensive and accurate record for diagnosis, treatment and traceability.




### AUTOFOCUS

- Stable focus with a wide field
- No need to seek for the focus

### CHARACTERISTICS

- Easy and intuitive native software for Windows and Mac
- Access and share photo and video via email on any device without editing
- Foot pedal with cable and wireless (optional)

| | |
|---|---|
| **RESOLUTION** | 4K |
| **VIDEO FORMAT** | MP4 |
| **PHOTO FORMAT** | JPG |
| **STANDARD OPTICS** | 25 mm |

# EVA SUNLIGHT

## THE ONLY ARTIFICIAL LIGHT ABLE TO REPRODUCE THE REAL SOLAR LIGHT*

**EVA Sunlight** provides a new generation of **Sunlike LED**, to benefit from the illumination, colour rendering and well-being as **similar as the natural sunlight**. It drives the operator through tiny details for an increasingly reliable, efficient and comfortable view.
The **bright gem** on the head shows the level of illumination in use.




*The visible fraction only

# DESIGN

## FLEXIBLE AND HANDY





**HANDLES**
REMOVABLE AND
AUTOCLAVABLE

**BRIGHT GEM**
SHOWS THE EXACT LEVEL OF ILLUMINATION
AND COLOUR TEMPERATURE IN USE



PATENT PENDING N. EP20172786.4

**3D HEAD ROTATION**
> 360° TO ILLUMINATE EVERY
CORNER OF THE MOUTH



**SOFT TOUCH**
FINGER PRINT
SAFE AND COMFORTABLE GRIP



**RECTANGULAR SECTION**
MODERN METAL LINE

## EVA THEIATECH®

Integrating 54 LEDs in the rear arm of EVA enables the synchronization of the two lamps for a balanced vision in the pre-operating area, reducing visual and postural fatigue for the doctor, assistant and patient due to shifts in the light and position.

THEIATECH



**5000K | UP TO 1500LUX**

# TECHNICAL FEATURES



## INSTALLATION

- DENTAL CHAIR
- CEILING
- WALL
- FLOOR

## CONTROL OPTIONS

- SENSOR
- JOYSTICK

## PATENTS

- REGISTERED COMMUNITY DESIGN N. 007274154
- 3D HEAD ROTATION > 360°:
  PATENT PENDING N. EP20172786.4

## ACCESSORIES

- FARO SCREEN

**NEW DESIGN**



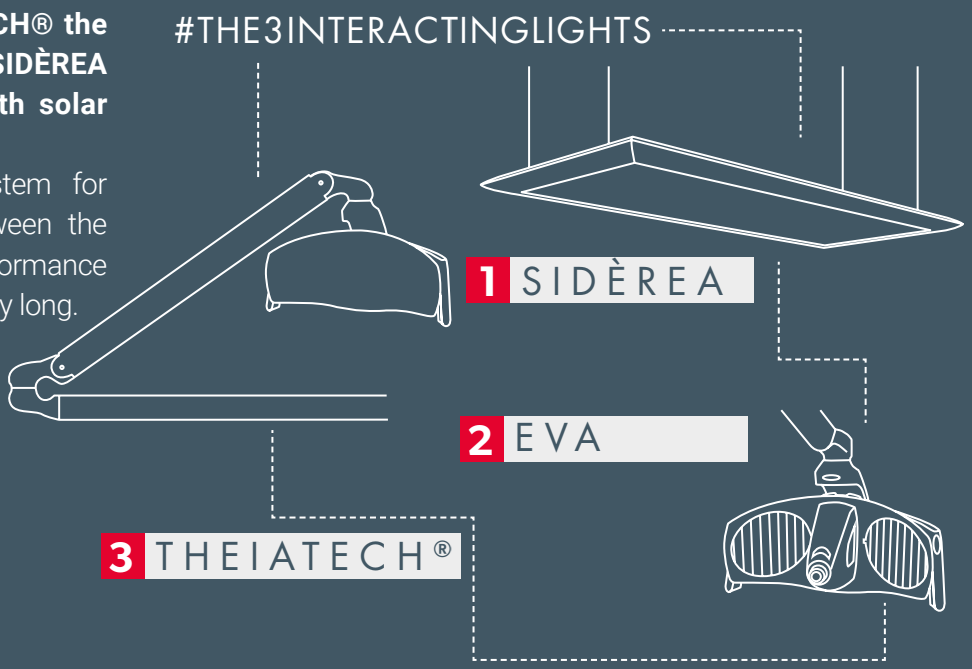
| | EVA SUNLIGHT | EVA TUNABLE WHITE | | | |
|---|---|---|---|---|---|
| | 5000K | 4000K | 5000K | 5700K | COMPOSAVE |
| POWER AC | 24 Vac 50/60 Hz - 26 VA (40VA)** | | | | |
| POWER DC | 32 Vdc 14 VA (28VA)** | | | | |
| LIGHT SPOT DIMENSION (AT 700 MM) | 190x100 | 190x100 | | | |
| LUX (AT 700 MM) | 60.000 | 60.000 | 60.000 | 60.000 | 11.000 |
| NET SHADOW S-FX | 10x5mm | 10x5mm | | | |
| COLOR TEMPERATURE (K) | 5000 | 4000 | 5000 | 5700 | 2700 |
| CRI | 97 | 95 | 95 | 96 | 96 |
| Rf | 97 | 93 | | | |
| Rg | 100 | 102 | | | |
| ROTATION SYSTEM | 3rd axis | 3rd axis | | | |
| HEAD ROTATION > 360° | • | • | | | |
| MEMORIZATION OF THE LAST LUX LEVEL | • | • | | | |
| BRIGHT INDICATOR FOR ILLUMINATION (GEM) | • | • | | | |
| BRIGHT INDICATOR FOR COLOR TEMPERATURE (GEM) | | • | | | |

Medical Device – class 1
Limited Warranty. Check the general conditions of sale and user manual.

**The technical data indicated are typical values subject to tolerance*
*** Values refer to the THEIATECH® version*

# FARO LIGHT SYSTEM

The perfect balance of light thanks to the proper synchrony of 3 sources: **EVA the dental lamp**, **THEIATECH® the pre-operative lamp** and **SIDÈREA SUNLIGHT the ceiling light with solar spectrum**.
Exclusive integrated lighting system for a balanced visual transition between the different working areas, high performance of light and overall well-being, all day long.




## 3 PATENTS IN ONE SYSTEM

| | | |
|---|---|---|
| **SYNCHRONIZATION SYSTEM**<br>PATENT<br>N.IT202017000070648 | **EVA**<br>OPTICAL SYSTEM<br>PATENT<br>N. EP1847762 | **THEIATECH®**<br>PATENT<br>N. EP3120822B1 |

# TM30

## THE NEW COLOUR RENDERING INDEX

EVA returns a realistic vision with absolutely lifelike colour determination for a safer practice and excellent aesthetic results.

**TM-30** is a new robust metric introduced by CIE (International Commission on Illumination) in the Technical Report 224:2017 to faithfully assess the colour rendition, while overcoming the limitations of CRI. It is measured by two scores: **fidelity (Rf)** and **saturation (Rg)** on a 0 – 100 point scale and **99 color evaluation samples** (CES) chosen from real world objects instead of the 15 used to define the traditional CRI index.

**0 < Rf ≤ 100** perfect colour match.
**60 < Rg ≤ 140** perfect colour saturation match.
**Rg > 100** higher saturation, more vivid colour.
**Rg < 100** lower saturation, duller colour.

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SINCE 1948

EVA

CE MD

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