

EVA

THE ULTIMATE DEFINITION OF LIGHT



EXPERIENCE AND INNOVATION  
SINCE 1948



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

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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.



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



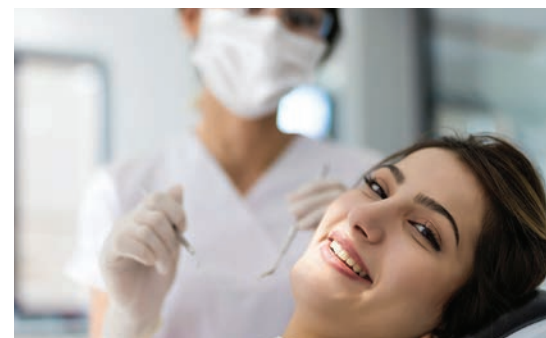
IDEAL FOR ORTHODONTICS, CONSERVATIVE AND PEDIATRIC DENTISTRY.



IDEAL FOR SURGERY.



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.

## THE ALL-IN-FOCUS OR MANUAL FOCUS

- Stable focus with a wide field
- Precise focus on the point of interest
- No need to seek for the focus compared to the autofocus

## CHARACTERISTICS

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

<b>RESOLUTION</b>	FHD - 4K
<b>VIDEO FORMAT</b>	MP4
<b>PHOTO FORMAT</b>	JPG
<b>STANDARD OPTICS</b>	25 mm
<b>OPTIONAL OPTICS</b>	16 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.



SUNLIKE  
TECHNOLOGY

# EVA

\*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.



**5000K | UP TO 1500LUX**



# TECHNICAL FEATURES

## INSTALLATION

- DENTAL CHAIR
- CEILING
- WALL
- FLOOR

## CONTROL OPTIONS

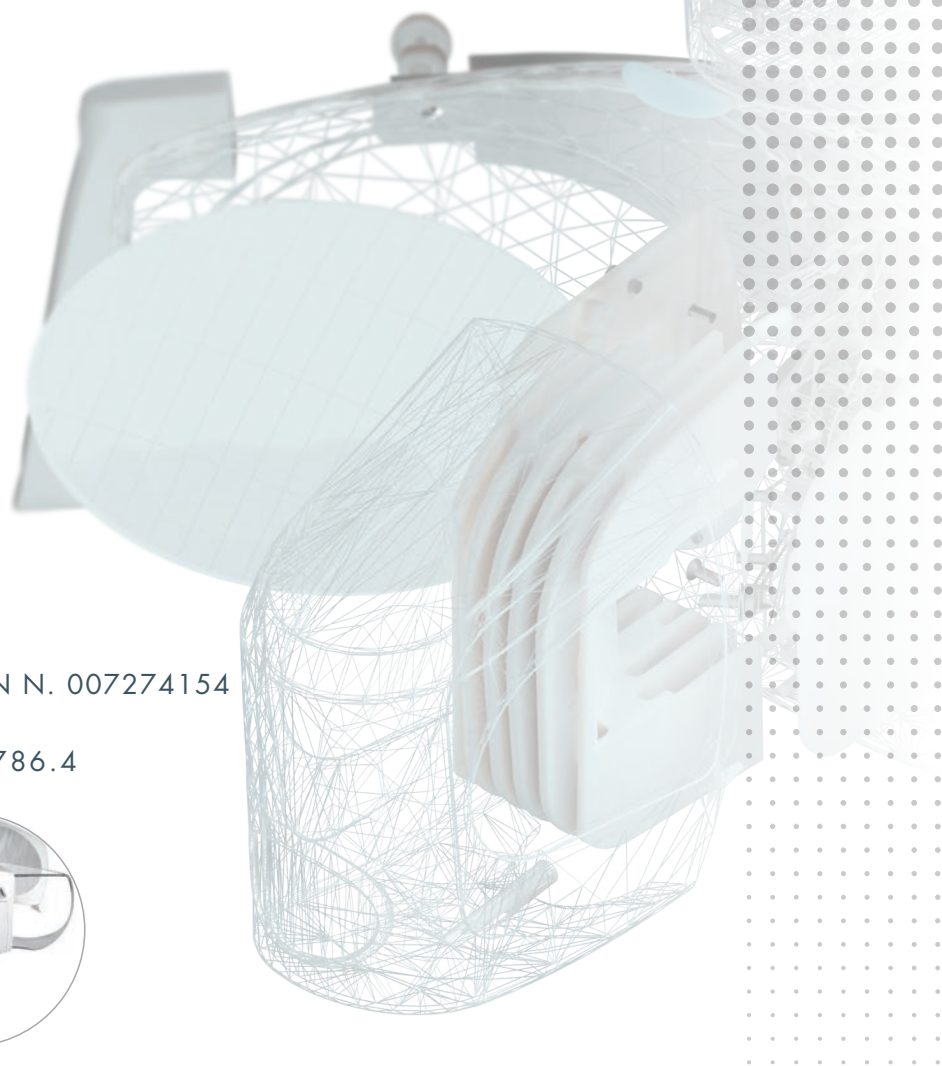
- SENSOR
- JOYSTICK

## PATENTS

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

## ACCESSORIES

- FARO SCREEN

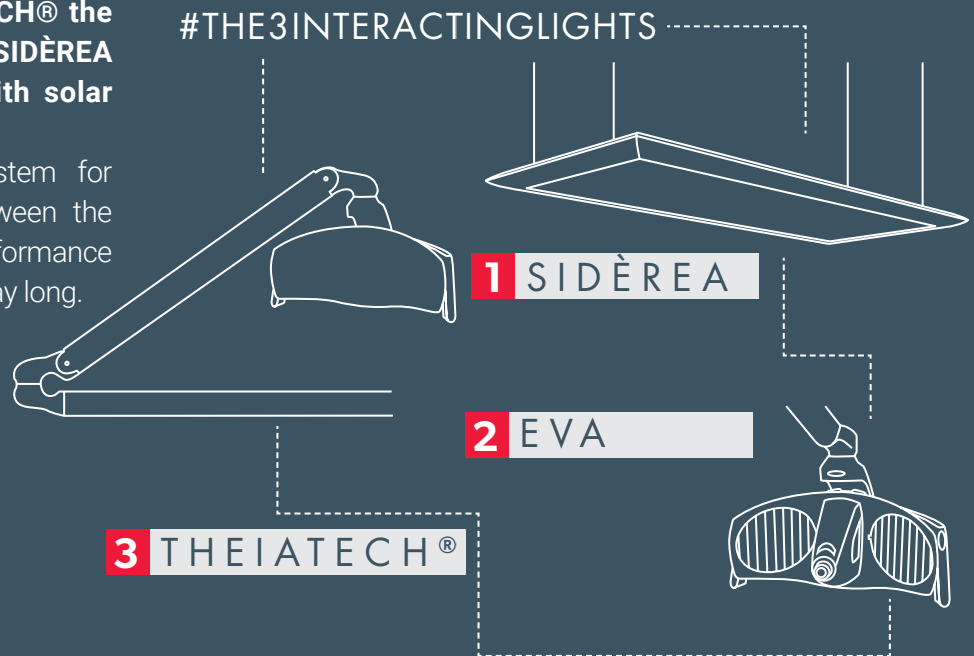


	EVA SUNLIGHT		EVA TUNABLE WHITE		
	5000K	4000K	5000K	5700K	COMPOSAVE
POWER AC	24 Vac 50/60 Hz - 26 VA (40VA)**				
POWER DC	32 Vdc 14 VA (28VA)**				
LIGHT SPOT DIMENSION (AT 700 MM)	190x100	190x100			
LUX (AT 700 MM)	50.000	50.000			11.000
NET SHADOW S-FX	10x5mm	10x5mm			
COLOR TEMPERATURE (K)	5000	4000	5000	5700	2700
CRI	97	95	95	96	96
Rf	97	93			
Rg	100	102			
ROTATION SYSTEM	3 <sup>rd</sup> axis	3 <sup>rd</sup> axis			
HEAD ROTATION > 360°	•	•			
MEMORIZATION OF THE LAST LUX LEVEL	•	•			
BRIGHT INDICATOR FOR ILLUMINATION (GEM)	•	•			
BRIGHT INDICATOR FOR COLOR TEMPERATURE (GEM)		•			

# 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 PATENT**  
N.IT202017000070648

**EVA OPTICAL SYSTEM PATENT**  
N. EP1847762

**THEIATECH® PATENT**  
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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