

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



FOUR
COLOUR TEMPERATURES

EVA

EVA Tunable White allows you to **select the ideal colour temperature** for the dental procedure: 5700K, 5000K, 4000K, 2700K Compose 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 ORTHODONTICS, CONSERVATIVE AND PEDIATRIC DENTISTRY.

4000K

IDEAL FOR SURGERY.

2700K

COMPOSE 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)

RESOLUTION	FHD - 4K
VIDEO FORMAT	MP4
PHOTO FORMAT	JPG
STANDARD OPTICS	25 mm
OPTIONAL OPTICS	16 mm



INTEGRATED CAMERA

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

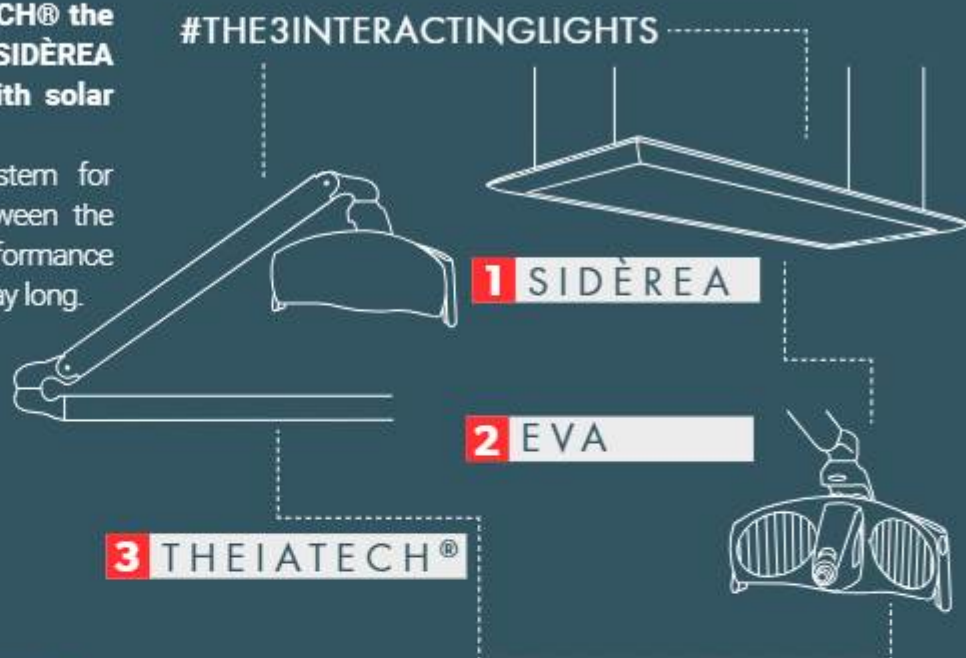


	EVA SUNLIGHT		EVA TUNABLE WHITE			
	5000K	4000K	5000K	5700K	COMPOSAVE	
POWER AC	24 Vac 50/60 Hz - 26 VA (40VA)**					
POWER DC	32 Vdc 14 VA (28VA)**					
LIGHT SPOT DIMENSION (AT 700 MM)	190x100	190x100				
LUX (AT 700 MM)	50.000	50.000				11.000
NET SHADOW S-FX	10x5mm	10x5mm				
COLOR TEMPERATURE (K)	5000	4000	5000	5700	2700	
CRI	97	95	95	96	96	
Rf	97	93				
Rg	100	102				
ROTATION SYSTEM	3 rd axis	3 rd 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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