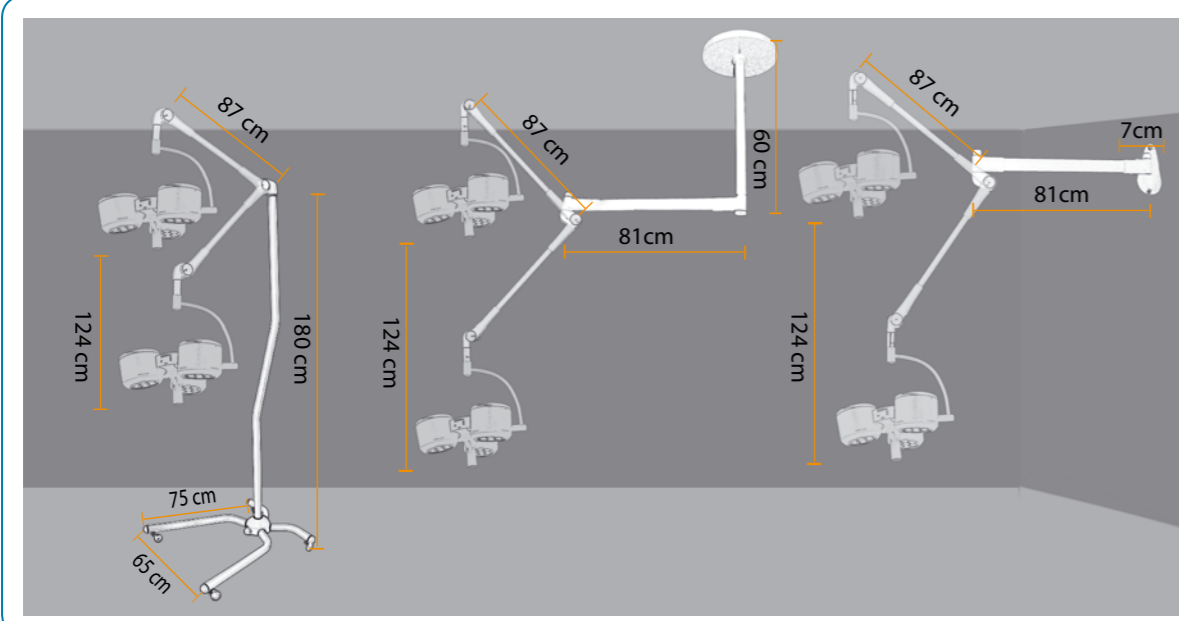


### Technical features

Max. light power	100.000 lux @ 1 mt
Light field diameter	D <sub>10</sub> = 19 cm D <sub>50</sub> = 10 cm
Colour temperature	5.000 °K
Colour rendering index (R <sub>a</sub> )	88
Temperature increase on the operator's head	0°C
Temperature increase on the operating field	0°C
LED average life	50.000 hours abt.
Voltage	230V - 50/60 Hz
Power consumption	80 W
Light head diameter	max 40 cm
Reflector diameter	11 cm
Light head weight	8 Kg
Wall arm weight	7,5 Kg
Ceiling arm weight	12,5 Kg
Trolley weight	17Kg
Painting	White RAL 9010 – Blue RAL 5024



ACEM reserves the right to modify the design and specifications contained herein without any prior notice.

E. & O.E



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**"STARLED3 EVO"®**

**MEDICAL LIGHTING SYSTEM**

#### Acem spa

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Rev. 01 03/08

COMPANY  
WITH QUALITY MANAGEMENT  
SYSTEM CERTIFIED BY DNV  
= ISO 9001:2000 =

COMPANY WITH QUALITY MANAGEMENT  
SYSTEM CERTIFIED BY DNV  
= ISO 13485:2003 =



From ACEM research – a new star is born.

ACEM research has developed this new light from concept to production to create a truly exceptional and innovative light - STARLED3 EVO.

The new light is based on LED (Light Emitting Diodes) technology and as such offers exceptional performance advantages over conventional halogen lighting, including true cold, white light with long life and superb efficiency.

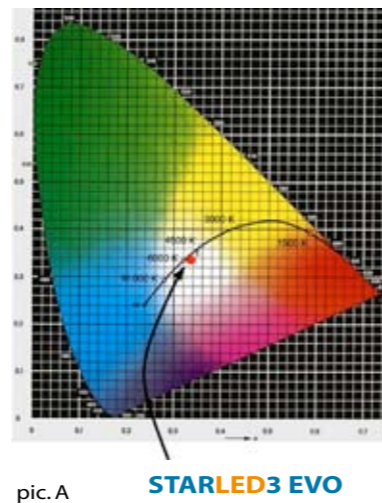
**Cold Light**

LED produces a light beam without infrared rays (IR) and therefore without heat, this cold light will not alter or change the target temperature, it also means the operator too remains cool and unaffected by the light.

**White Light**

Thanks to the new LED light technology we have been able to produce an unparalleled quality of light with a colour temperature of 5.000 °K, comparable to that of natural sunlight (see picture A) and a colour rendering index (CRI) of 88.

Unlike conventional bulbs it is also possible to adjust brightness without altering light emission features.

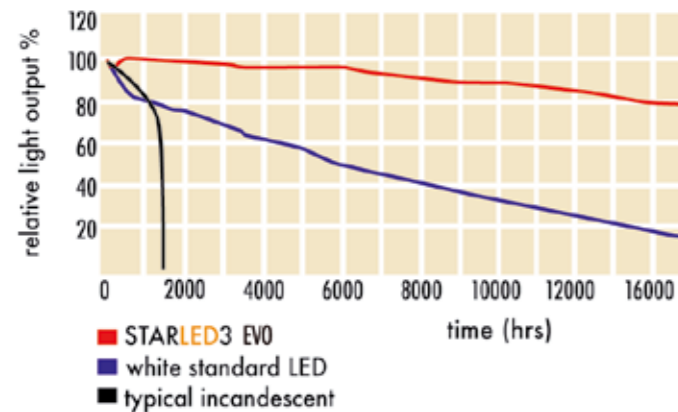


**Long Life**

LED are semiconductors. For this reason they boast an average life of more than 100 times that of normal bulbs.

**Efficiency**

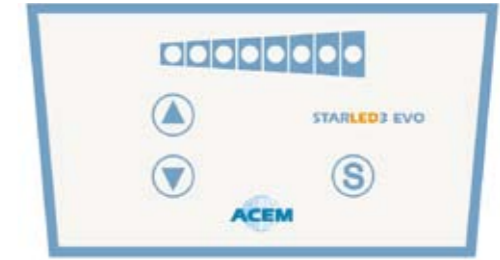
While the standard bulb starts losing efficiency from its first stage of use, high-powered LED have a very linear yield and a negligible performance decay for their life duration (see picture B).



**Digital**

The lamp is completely digital and microprocessor controlled. It is equipped with double controls for light intensity adjustment and visualization. STARLED3 EVO can be used as single, double or triple light combinations (see picture C).

Due to these performance advantages LED will definitely replace conventional lighting systems over the coming years.



The lamp is available in the following configurations

**Wall mounted**

- supplied with fixing plate
- 180° rotation of the first part of the arm
- 360° rotation of the second part of the arm

**Trolley mounted**

- This is a mobile system, with two lockable wheels and one antistatic

**Ceiling mounted**

- 360° rotation of the arm
- suitable for ceilings heights between 280 and 320 cm.
- For other ceiling heights please call for bespoke ceiling mounts

- available with double arm and double light head (system)