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SURGICAL LED LAMP

**STARLED3 NX**



### **STARLED3 NX**

IS A LAMP MANUFACTURED BY ACEM MEDICAL COMPANY BASED ON THE NEXT GENERATION LED TECHNOLOGY, ASSURING COLD LIGHT, LONG LIFE AND LOW ENERGY CONSUMPTION. THE LAMP IS SUITABLE FOR COUNTLESS APPLICATIONS BOTH FOR SURGERY AND OPERATING ROOM. IT IS IDEAL FOR DIAGNOSIS, DENTAL SECTOR, GYNAECOLOGY, DERMATOLOGY, GENERAL MEDICINE AND SURGERY.

**STARLED3 NX** grants a homogeneous and shadowless light focusable according to needs. The visual area is perfectly illuminated assuring both excellent lighting comfort and working conditions.

**The Lamp provides:**

- **HIGH LIGHT INTENSITY**
- **IR-FREE LIGHT**
- **VARIABLE COLOUR TEMPERATURE (TW VERSION)**
- **EXCELLENT COLOR RENDERING INDEX (CRI)**
- **FOCUSABLE LIGHT BEAM**
- **LONG LIFE**
- **LOW ENERGY CONSUMPTION**



**STARLED3 NX** is composed by three reflectors that produce a well-blended and intense cone of light focusable through the specific function on the control panel.

The design is slim, practical, compact and functional. The lamp is ergonomic, easy to move and to position and suitable for the laminar flows of the operating room.

Thanks to its ENDO function (light for endoscopy) **STARLED3 NX** is also suitable for minimal-invasive surgery.

The easy to clean shape and material of **STARLED3 NX** as well as its removable, sterilizable and easy to grip handle assure an excellent cleanliness.



Functions are adjusted by the innovative easy to read, ergonomic and easy to clean I-SENSE control panel. With a simple touch it can manage easily and accurately:

- ON/OFF Function
- Light intensity adjustment
- DoF - Depth of Field - for a deep light
- ENDO - Light for endoscopy ideal for minimal-invasive surgery
- SIZE - Light spot diameter adjustment to focus the operating area
- SYNC – (optional) Function to synchronize controls of combined lamps: **STARLED3 NX** double (twin dome configuration) and **STARLED3 NX** together with **STARLED5 NX**



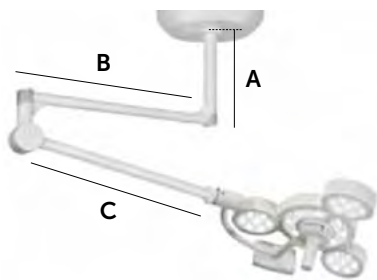
## TECHNICAL DATA SHEET

Protection class (EN 60601-2-41)	I
Power Supply	100 - 240 VAC $\pm$ 10%
Power consumption	69 W
Frequency	50/60 Hz
Light source	LED
Average life	60,000 HOURS ABOUT
Lighting at the centre, Ec @ 100 cm	130,000 LUX 160,000 LUX (OPTIONAL)
Light adjustment	FROM 5 % TO 100%
Colour temperature, CCT (STANDARD)	4,500 K
Variable colour temperature (TW VERSION)	FROM 3,700 K TO 4,700 K continuous

Colour rendering index, Ra	95
Index R9	> 90
Light field diameter	24 - 33 cm
Focusable working distance	70 - 150 cm
Lighting depth L1+L2 (20%)	117 cm
Lighting depth L1+L2 (60%)	71 cm
Light head weight	4 Kg
Light head diameter	50 cm
Handle	REMOVABLE AND STERILIZABLE
Colour	WHITE RAL 9002

E-B-041

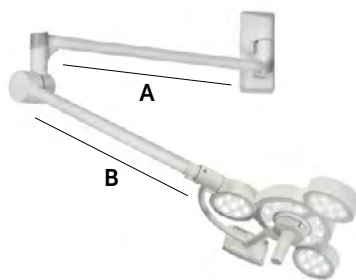
## STARLED3 NX IS AVAILABLE IN THE FOLLOWING CONFIGURATIONS



A = FROM 250 mm TO 1,100 mm  
B = 800 mm C = 720 mm

**CEILING MOUNTED**  
(single, double - twin dome - or in combination with STARLED5 NX)

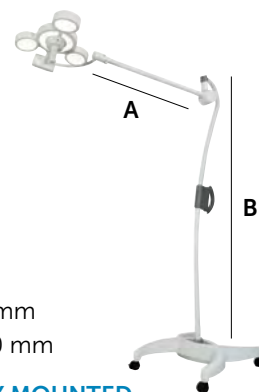
Weight of support 6.0 - 9.0 Kg



A = 800 mm  
B = 720 mm

**WALL MOUNTED**

Weight of support 5.3 Kg



A = 550 mm  
B = 1.750 mm

**TROLLEY MOUNTED**  
(Battery on demand)

Weight of support 23 Kg

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