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STARLED NX series – The Next generation of LED lamps for operating room



The light influences all the activities of the human beings. A good quality light helps to work better, decreases strain and stress as well as the error risk percentage. For this reasons, a correct illumination of the operating field is necessary for the medical staff to perform its work at best and ensure patient's health.

The operating room needs to be equipped with a suitable lighting system according to the operating requirements to create the best working conditions. The main target of ACEM Medical Company (Division of ACEM SpA) is just that to manufacture more and more reliable and heavy-duty products to satisfy the highest quality standards and meet the requirements both of surgeons and medical staff. STARLED NX, the new line of surgical lamps

produced by ACEM, is realized with Next generation LED technology.

The special LED optics its lamps are supplied with, make STARLED NX series able to produce a perfect, shadow less, clear, homogenous IR-free light under every condition together with an excellent color temperature with low consumptions.

The "Made in Italy" design grants visual comfort, handiness of use and laminar flows compatibility in the operating room. The high technology used and a careful analysis of

user needs have allowed ACEM to design, develop and create its new operating lamps: STARLED3 NX, STARLED5 NX and STARLED7 NX.

The whole range of STARLED NX lamps boasts a CRI value of 95, a maximum light intensity of 160.000 lux and a color temperature of 4.500°K.

All these features generate a strong and cold light, ideal for the operating room.

The innovative, accurate and digital I-SENSE® control panel adjusts all the functions of the three STARLED NX lamps, i.e.:

- ON/OFF
- Light intensity adjustment
- SIZE – Opto-electronic adjustment of light spot diameter dimension to focus the light beam
- ENDO – Light for endoscopy
- DOF - Depth of field – Light in depth for a full visualization of the operating field and deep cavities
- SYNC – optional mode to synchronize controls among the combined lamps according to the different configurations granting simplicity of use saving time and giving the possibility of being managed by a single operator.

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