



BILICOMPACT[®] LED

The LED phototherapy device for outstanding performance

BILICOMPACT® LED

Neonatal jaundice is a strain for both newborn babies and their parents, especially in the first few days of life. A prompt therapy with shortwave, blue radiation can prevent damage to the central nervous system and ease symptoms of jaundice, thus relieving stress for everyone involved. BILICOMPACT® LED is the outcome of a continuous product development within phototherapy, keeping in mind both the babies' health and nursing staff's needs. This assures a high performance device which is simultaneously improving the nursing situation.

Automated Therapy

BILICOMPACT® LED can be operated in both manual and automated mode, adding flexibility to the radiation therapy. In automated therapy it is possible to choose and pre-set duration and intensity. Thus it is not necessary to turn the device off manually. Once the duration runs out, the radiation therapy stops automatically.

Patient in best-suited light

During therapy, the blue therapy light is changing the visual appearance of the baby and hindering a neutral assessment of the small patient's well-being. This is why BILICOMPACT® LED is equipped with additional white lamps assuring a neutral light when needed. It can be turned on at all times interrupting the therapy but giving perfect visibility of the baby, hence a fast and easy check-up of the patient is possible.

Besides this neutral light, the therapy lamp is equipped with white LEDs, which can be added to a running therapy. These are lowering the blue light's impact on both patient and nursing staff, without any negative effect on the therapy.

Flexibility of use

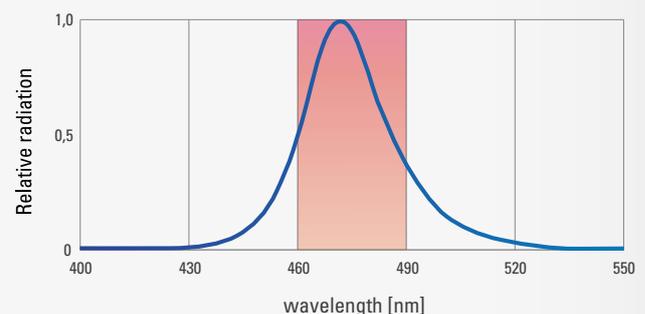
With 4 rubber feet, the phototherapy device is optimized to be put on top of canopies of warming beds and incubators. However, there are additional options of use available. Alternatively, it can be put on a mobile stand for a more flexible use.

Because of the low heat generation, the device can also be used at decreased distances from the babies.

High-performance phototherapy

The long-lasting BILICOMPACT® LED assures remarkably high radiation intensities within the ideal wavelength of 460 to 490 nm. It hereby meets the requirements of the American Academy of Pediatrics (AAP) to the fullest. Even with high distance between phototherapy device and patient, a high intensity can be guaranteed. This eases the access to the baby for involved nursing staff and adds flexibility to therapy situations.

The homogenous radiation over bigger lying surfaces allows both the therapy of premature newborns and mature, older patients.



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