

bili-hut™ technical specifications



treatment

- peak irradiance: 58 $\mu\text{W}/\text{cm}^2/\text{nm}$
- average irradiance: 45 $\mu\text{W}/\text{cm}^2/\text{nm}$
- effective treatment area: 170 in²

LED performance

- peak wavelength: 463 nm
- bandwidth: 453-473 nm
- lifetime: up to 50,000 hours

bili-hut™ includes

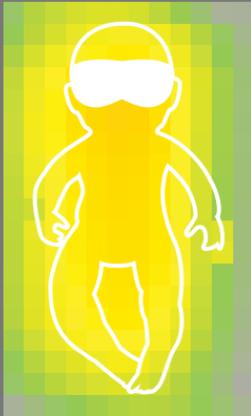
- flexible shell with reflective interior
- double-secure fastenings with easy-to-open tabs
- integrated light shielding of baby's and mother's eyes
- cleanable surfaces
- nest with removable mattress
- single-use nest liners

electronics

- operation: 90-264 VAC, 50-60 Hz, 20 W
- automatic shutoff if environment reaches unsafe high temperature

irradiance mapping

industry leader*



conventional illumination

bili-hut™



focused intensity

<10 20 30 40 50 60

$\mu\text{W}/\text{cm}^2/\text{nm}$

*Vreman et al. (2008).
"Standardized bench method
for evaluating the efficacy of
phototherapy devices"