

BMS PT-01

WORLD - CLASS PHOTOTHERAPY



BMS PT - 01

Integrated Light Meter (available)	
LED Lifetime	>10,000 hours
LED Intensity	>40 μ W/cm ² /nm
High & Low Settings	
Peak Wavelength of Light	450- 455 nm
Tilting Head	0–90°
Adjustable Height	✓
Therapy Timer	✓
Backlit LCD	✓
Observation Lights (available)	
No Maintenance Cooling (no fan)	✓
CE Mark	✓
Product Launch Date	April 2022

World-Class Treatment

- ❑ Emission spectrum 445–470nm (FWHM)
- ❑ Uniform intensity >40 μ W/cm²/nm
- ❑ Effective treatment area 50cm x25cm

Integrated Design

Excellence is designed for versatility of use. Brilliance can be integrated with other critical medical equipment such as infant warmers, incubators, and nearly any variety of bassinets.

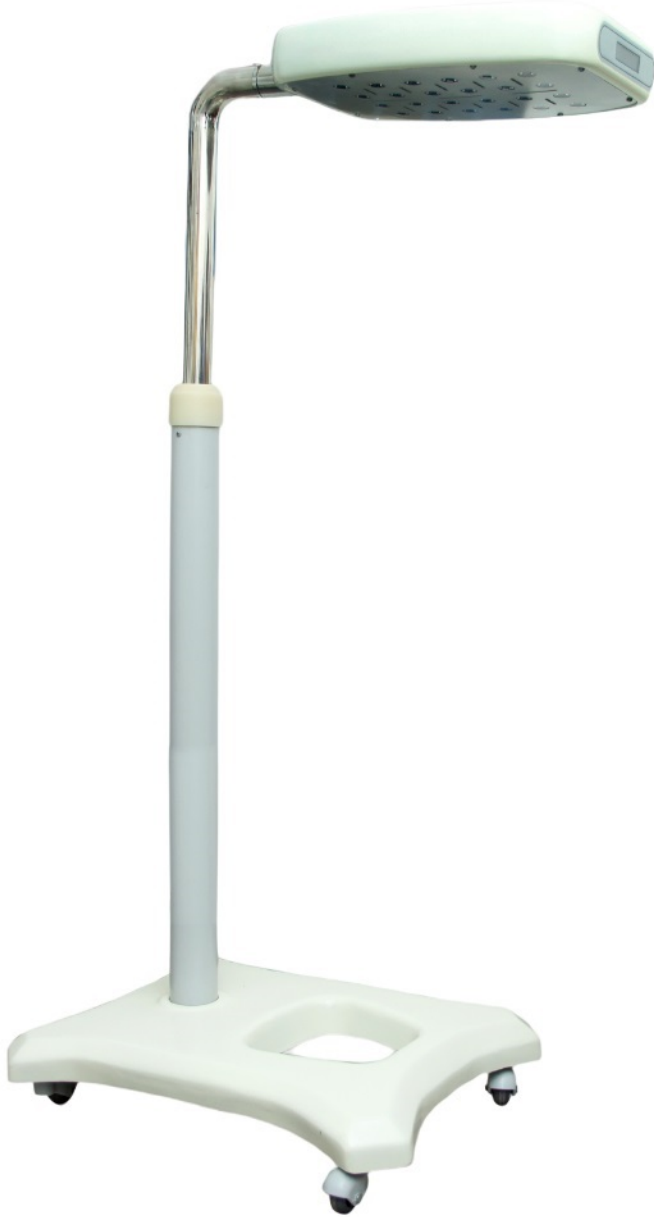
Energy Efficient

Excellence consumes less than half the power of CFLs.

Minimal Maintenance

Excellence LEDs last 60x longer than compact fluorescent lamps (CFL) commonly used in phototherapy devices. With Excellence, hospitals can save over \$240 USD per year on costly bulb replacements. Also, Excellence uses a medical-grade power supply and can withstand a wide range of power fluctuations without changes in device performance.

Make in India, designed in India



Performance	
Illumination source	24 - Blue LEDs
Peak spectral irradiance	>40 μ W/cm ² /nm at recommended treatment distance measured with Ohmeda Medical BiliBlanket II Meter
Peak wavelength	450 -455nm
Emission spectrum	445–470nm (bounds of FWHM range)
Effective surface area	50cm x 25cm (at recommended treatment distance)
Irradiance ratio	>0.4 (minimum /maximum irradiance)
Time totalizer	Machine run time totalizer + Therapy time totalizer

Physical / Electrical	
Overall Dimensions	Height x Width x Depth: 123cm x 49cm x 49cm
Light Unit Dimensions	Length x Width x Depth: 37cm x 28cm x 7.5cm
Total Unit Mass	12 kg
Footprint of Stand	Length x Width x Depth: 49cm x 49cm x 12cm
Height of base	< 10cm
Castors	4 castor in 2"
Height adjustment range	118cm–165cm (distance between bottom surface and ground)
Recommended treatment distance	45cm
Electrical supply	(Medical grade) • Voltage 100 – 240 VAC ~ • Frequency 50/60Hz
Max power consumption	72 W