

PhotoLUX
Bed side LED
Photo Therapy

Advantages of PhotoLUX

- Life of the light >20,000 hrs
- Very low power consumption 14W SMPS power adapter
- No heat is produced and thus dehydration is reduced
- Totally ABS Body, absolutely shock proof
- Light source is very near to the baby
- No UV and infrared radiation
- No need to cover the eyes of the baby
- Light weight and can be moved anywhere
- Dimensions H 8.5cm X W 39cm X L 650cm

OUR OTHER PRODUCTS



Silent Ionic Air Purifier

PureAir is useful in all places where there is scope to improve the indoor Air quality i.e. where there is bacteria, odour, stink and air-borne particles, dust-mites, smoke and other hydrocarbons.

Used in your: OP, NICU, PICU, OT, Labs and House hold applications etc.,



Down Light for False
roof 6/8/12 W

Air Purifier



SpectraLUX
Street Light 14W



Power LED 3/6/9W
Spectra Bulb



Spectra Bulb 1W
Colors Available:
R G B W Y



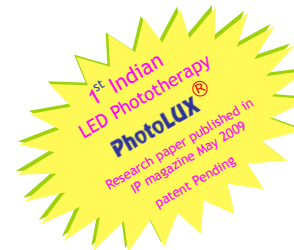
Spectra Tube 5/10W
Medical & General



SpectraLUX LED PL 11/18W
Medical & General use

Salient Features of PhotoLUX[®]

- ERTL Certified **Blue/Green** LED's with wavelength of 465-510 nm
- Irradiance 32-35 $\mu\text{W}/\text{cm}^2/\text{nm}$
- Long life Gallium nitride LED's >20,000 hrs
- No UV and Infrared radiation
- No heat is produced and thus dehydration is reduced
- Very low power consumption 14w
- Negligible maintenance cost
- Light source is nearer to the baby
- Absolutely shock proof
- Isolated Power supply
- 252 LED's in Combination of **Blue/Green** in array of 12X21
- Research Paper Published in Indian Pediatric Magazine May 2009



* We can provide complete LED hospital lighting solutions
* Custom made Designs also available

Note :

Any configuration suitable to your requirements can be provided & Exchange facility also available for your old equipment
The Specifications and external design are subject to change without prior notice for further product improvement

Manufactured / Innovated by :



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Represented by :



Srichakra Scientifics

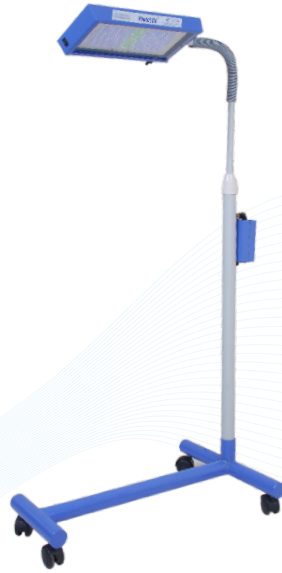
Energy saving concepts



Mobile Warmer



Integrated Warmer with PhotoLUX Double Surface Phototherapy



PhotoLUX Mobile LED Photo Therapy



PhotoLUX Fixed Trolley



D.S.LED Tube PhotoLUX

Servo Based Temperature Controller

- Large dia PT 100 sensor helps to read accurate temperature
- Thermal regulation safety system
- Large size LED display for air/skin Temperature to read at any angle
- Seperate display to set Temp in degrees
- User friendly feather touch control system
- Over Temp indication whenever sensor fails
- Audio/Visual power failure alarm whenever power goes off

Over Head Heater Box

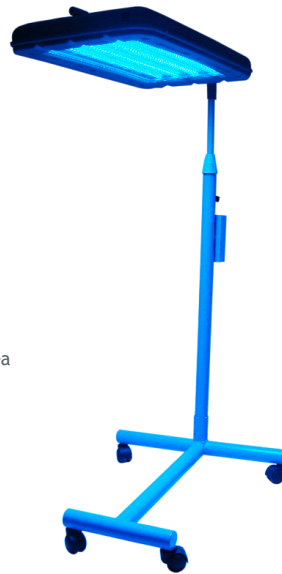
- Ceramic Infrared heater of 650 watt
- Stainless Steel reflector to provide gentle heating over the entire mattress area
- Examination spot lamp of 40 watt, 230 volts provides sufficient illumination
- Safety guard under ceramic heater

Infant care Trolley

- 6" imported clear Acrylic collapsible side railings
- Baby tray with transparent slot to facilitate under surface phototherapy
- Bed attached with head up/down facility
- Storage tray to keep accessories or Under surface phototherapy
- Movable on 4 castor wheels

Essential Attachments

- Height adjustable, rotatable IV stand, which supports infusion pump
- A small tray to store necessary drugs/monitor
- Two side handles provided to move the equipment



PhotoLUX Mobile LED - Tube Photo Therapy

PhotoLUX LED Phototherapy - Double surface

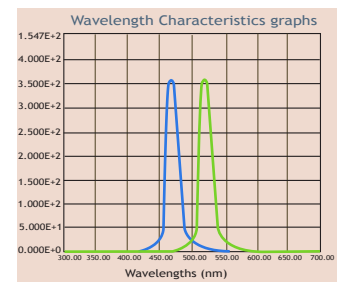
- Phototherapy stand separately provided
- Mobile stand height adjustment facility
- Swivelling of head box in any angle
- Detachable trolley along with Photolux box fitted
- Storage tray to keep accessories

PhotoLUX LED Tube Light Phototherapy - Double surface

- Mobile stand of 4 no. 2ft tubes fitted
- Height adjustment facility available
- Swivelling of head box in any angle
- Detachable LED source box to incorporate along with infant care trolley
- 6" imported clear Acrylic collapsible side railings
- Baby tray with transparent slot to facilitate under surface phototherapy
- Bed attached with head up/down facility
- Storage tray to keep accessories



Infant Care Trolley



Test done on 4 days old babies with 2.6 KG weight	Bilirubin at start	Bilirubin at end <72 hours
PhotoLUX®	22 mg	7 mg
	18 mg	5 mg
	20 mg	6 mg

Comparison of bilirubin before beginning Tested nearly 1000 babies in Dept of Ped PGIMER Chandigarh, Fernandez Hospital Hyd, CSM Medical University Lucknow, AIIMS New Delhi and other major corporate pediatric hospitals.



Actual images of the treated neonate The baby got cured with a high Bilirubin count of 22mg to 8mg after 48 hours