



HOSPILUX LC / LD

**Bed Head Units for Medical Gases Distribution
and Lighting Systems**

HOSPILUX - Bed Head Units for Medical Gases Distribution and/or Lighting Systems

- Ergonomic and modern of lighting and power supply at the head end of the bed (BHU).
- Flexible design according to the needs and the space for 1, 2 or 3 beds, maximum length 6 meters.
- Patient safety due to shock resistant housing made of electrostatic painted extruded aluminum (RAL code) as well as the plugs and the switches made of anti-bacterial materials.
- The medical gas pipes are made of medical copper, according to EN 13348.
- Perfect hygiene ensured both by the smooth and rounded surfaces and by the resistant material to the usual detergents and disinfectants.
- Easy access for maintenance and service, through the front cover with easy opening/closing.
- Ready to install. The equipments are tested in accordance with the standards EN 60601 and are ready to connect to the existing mains.



HOSPILUX - LIGHTING SYSTEMS

- As required, the bed head unit provides:
 - indirect lighting (general) - the light is reflected to the ceiling
 - direct lighting (local) - the light is directed toward the patient
 - night light - provides diffused light during the night, near to the bed



HOSPILUX LCL



HOSPILUX LDL

Lighting Source

Feature	Fluorescent lamp T8	Fluorescent lamp T5	LED lamp T8	LED lamp PLL model
Indirect lighting	36 W	54/39 W	18 W	25 W
Direct lighting	18 W	24 W	9 W	16 W
Night lighting	9 W	9 W	3 W	-
Average lifetime	8.000 hours	8.000 hours	50.000 hours	50.000 hours

Antibacterial sockets and switches



- Sockets and switches can be made of anti-bacterial materials with Silver+ Ions, allowing the elimination of the impurities and bacteria.
- They provide an additional security in clearance of bacteria from medical spaces.

HOSPILUX LCL - BED HEAD UNITS FOR MEDICAL GASES DISTRIBUTION AND LIGHTING



- It can be equipped with 1, 2 or 3 terminal units for oxygen, compressed air, vacuum, which are manufactured in accordance with EN 9170-1. Standard sockets type DIN, BS, NF, UNI, etc.
- The lower compartment is optionally equipped with: electrical sockets (main circuit, spare circuit), equipotential sockets, switches, data sockets, nurse dial, USB 2.0-5V.
- It can be used as a source of individual illumination at the patient's head or in combination with the HOSPICARE UT

HOSPILUX LDL - BED HEAD LIGHTING SYSTEM

- The ideal solution when a source of illumination is needed at the head of the patient
- The rounded shape and the chemical resistant surfaces ensure perfect hygiene
- Used as an independent light source or in combination with the HOSPICARE UT models, providing optimal solutions
- The light source: fluorescent lamp or LED lamp, light type: cold 4000k



HOSPILUX LCC - BED HEAD UNITS FOR MEDICAL GASES DISTRIBUTION AND LIGHTING FOR V.I.P. WARDS



A new concept that provides warm and welcoming space, with optimal ergonomics of the medical utilities:

- medical gases
- electrical outlets
- direct light
- indirect light / night light
- alarm and warning
- various accessories

- The elegant and flexible configuration of the equipments ensure the patient safety.
- Masking of the medical utilities with a sliding panel (the picture is optional).
- Various shades of laminated chipboard, providing the desired design.
- Wall installation or flush installation.



TECHNICAL DETAILS

Lighting

Rated voltage	230V
Rated frequency	50Hz

Electrical Circuits

Rated voltage	230V
Rated frequency	50Hz
Number of power supply circuits	max. 3
- main circuit outlet	230 V / 16 A white
- secondary flow outlet	230 V / 16 A green
- reserve plug outlet	230 V / 16 A red
Main voltage alarm	max. 24 V
Equipotential sockets	63 A

The sockets can be fitted with an integrated LED indicator and can generate a visual alarm if the working pressure is dropped or exceeded.

Medical Gases

Oxygen pressure	5 bar
Medical air pressure	5 bar
Vacuum pressure	-0.9 Bar
Connection pipes diameter	8 / 12 / 15 mm

Classification according to the EEC Directive 93/42

Electrical protection class I
Medical device risk class IIb

