



# HOSPILUX LC / LD

Bed Head Units for Medical Gases Distribution and Lighting Systems

# **HOSPILUX**

## 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
Nigt 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 antibacterial materials with Silver+ lons, allowing the elimination of the impurities and bacteria.
- They provide an additional security in clearance of bacteria from medical spaces.

#### **MODULAR SYSTEM**

#### 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



- 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.

A new concept that provideswarm 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



# **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
- secondary flow outlet
- reserve plug oulet

Main voltage alarm
Equipotential sockets

230 V / 16 A white
230 V / 16 A green
230 V / 16 A red
max. 24 V
63 A

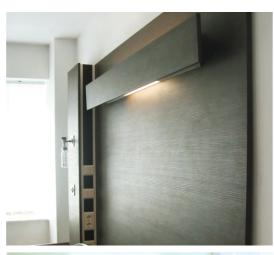
The sockets can be fitted with an integrated LED indicator and can generate a visual alarm if the working pressure is dropped or exceeded.

## **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









HOSPITAL TECHNICAL SOLUTIONS S.R.L. | 44 Dudesti-Pantelimon Street, 3<sup>rd</sup> District, 033091, Bucharest, Romania T. +4037.203.2465 | F. +4037.287.2626 | office@hospitalsolutions.ro