



**SCHÖNN**  
Medizintechnik GmbH

## INTENSIVE CARE UNITS



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Patients hospitalized in intensive care units are commonly critically ill and subject to permanent life function monitoring, observation, and support of at least one system like digestive, circulatory, or respiratory, as well as intravenous dripping and hemodialysis, etc. Intensive care units have been carefully designed to meet all requirements of ergonomic organization and distinction of monitoring and infusion. To manage the particularly vast number of medical appliances, they are equipped with more electrical, IT sockets, and medical gas outlets.

The management of the patient area is possible thanks to providing 2 or more separated channels, where all media and appliances to carry medical equipment are fitted. The distinctively crucial feature is a vast variety of accessories located on a 10x35mm medical rail. Our offer also includes additional equipment like trash bins for disposable items, flowmeters, vacuum regulators, lamps, monitor arms, drip hooks, IV stands, etc.

## DESIGN AND CONSTRUCTION

- ◆ Trunking profiles of extruded, heat-treated, natural anodized aluminum.
- ◆ Multi-channel construction allowing for the separation of medical gas and electrical installations, completed with aluminum upper, lower, and front covers.
- ◆ Possibility of completion with an aluminum vertical profile, upon request, enclosing the medical gas pipes and electrical cables.
- ◆ Completely integrated, efficient direct and indirect lighting fixtures.
- ◆ Total access to all parts inside the unit by easy removal of the cover.
- ◆ Unless required otherwise, standard unit lengths are 1500, 2000, 2500mm.
- ◆ Increased variety of functionality through the integration of a medical rail.

## COMPLETE SAFETY

Three channels are available, providing a separate channel for each energy source (high voltage, low voltage, communications, medical gases), preventing any chance of interference between energy sources.

## MULTIPURPOSE DESIGN

The shape of sockets for electrical and gas outlets is standardized and allows for the installation of multiple types of outlets used in different countries, as well as different voltages.

## SHAPED TO FIT THE USER

The user or designer can choose the length of the units, select a color from the RAL chart, and choose the number and positioning of separate outlets.

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## MEDICAL GAS INSTALLATION

Individual compartment and cover completely insulated from electrical elements. Fully compatible solutions for outlets of different norms.

## ELECTRICAL EQUIPMENTS

Choice of general indirect lighting, with one or two 18W 1800 lumens LED tubes. Choice of reading lamp 9W 900 lumens LED tubes. Control options by switch at room entrance, switch on patient bedhead unit, push-button on patient handset. Option to control the room light by two-way switch on patient bedhead unit.

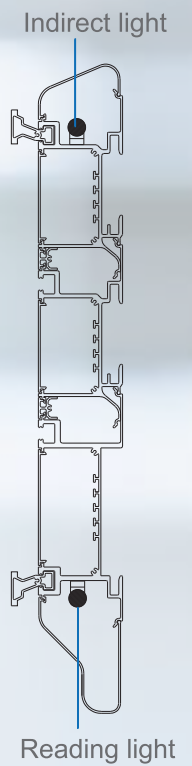
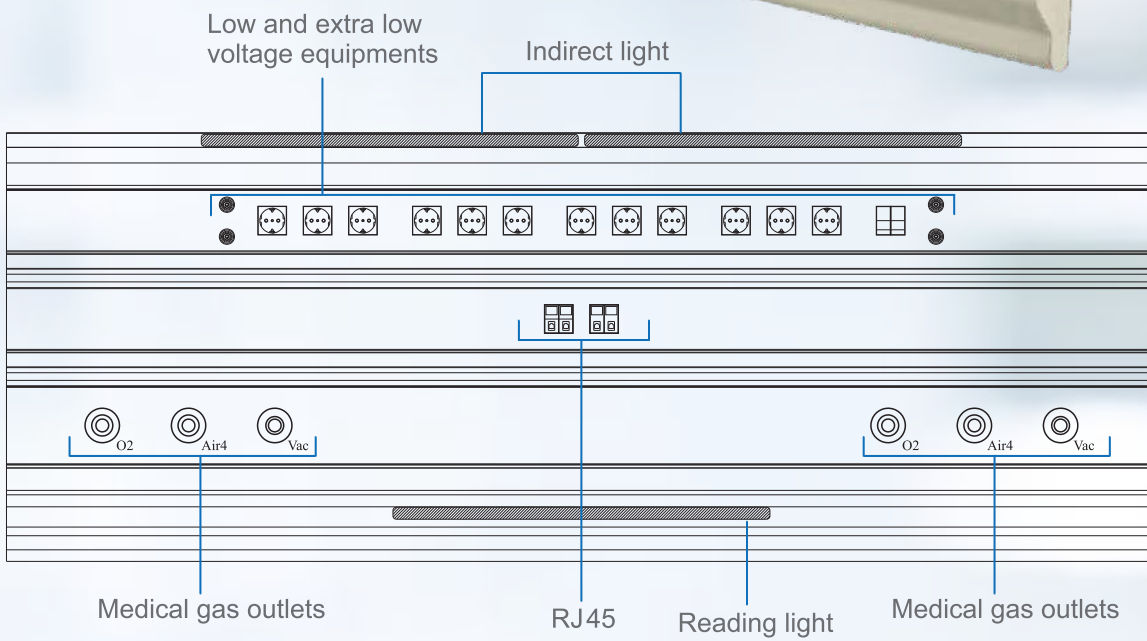
## LIGHTING EQUIPMENTS

Aesthetic construction composed of modular components. Electrical sockets, equi-potential pins, connections to other services such as telephone, nurse call, intercom, and volume systems, grouped together on a single unit. High voltage/low voltage wiring passages made through separate channels.



# INTENSIVE CARE UNITS

## EUROCARE



### EUROCARE

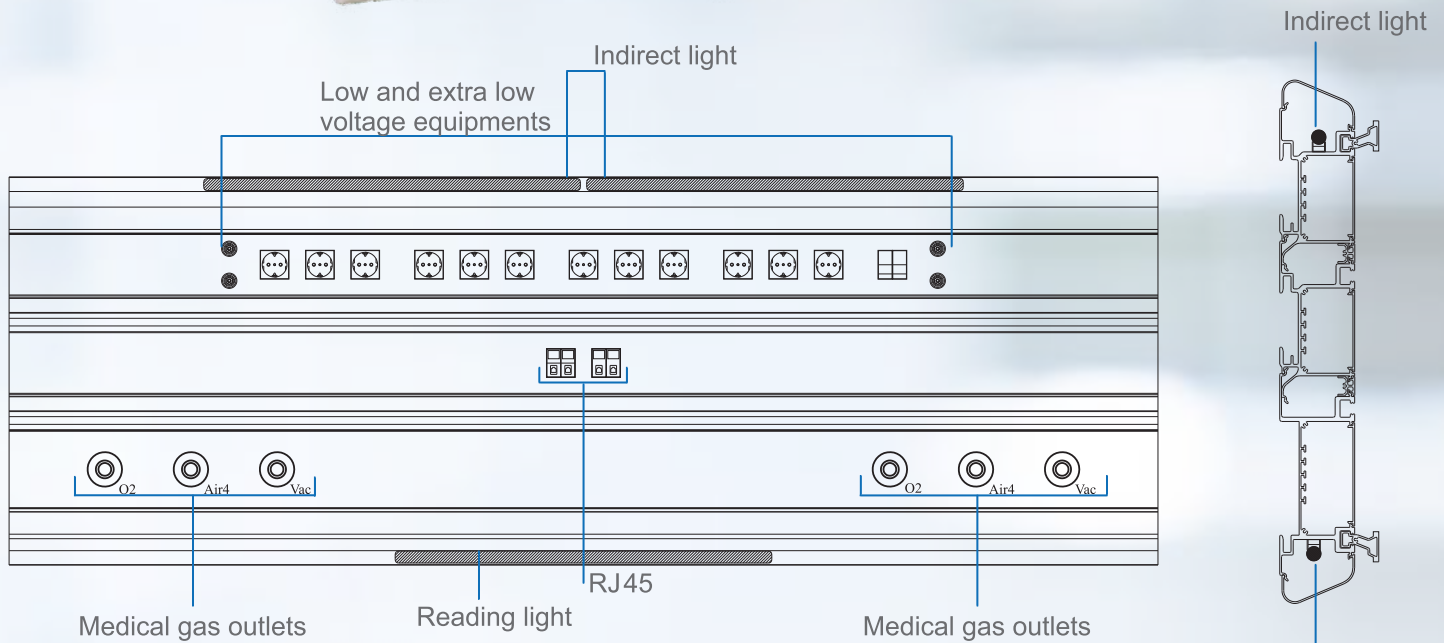
Length	Product Code
100 cm	S90-770-100
120 cm	S90-770-120
150 cm	S90-770-150
160 cm	S90-770-160
180 cm	S90-770-180
200 cm	S90-770-200

	RAL 7035		RAL 7001
	RAL 3002		RAL 3014
	RAL 6019		RAL 9001
	RAL 5017		RAL 5018
	RAL 5024		Optional

Any feature of unit can be customized as per customer requests.

# INTENSIVE CARE UNITS

## EUROCARE-D



### EUROCARE-D

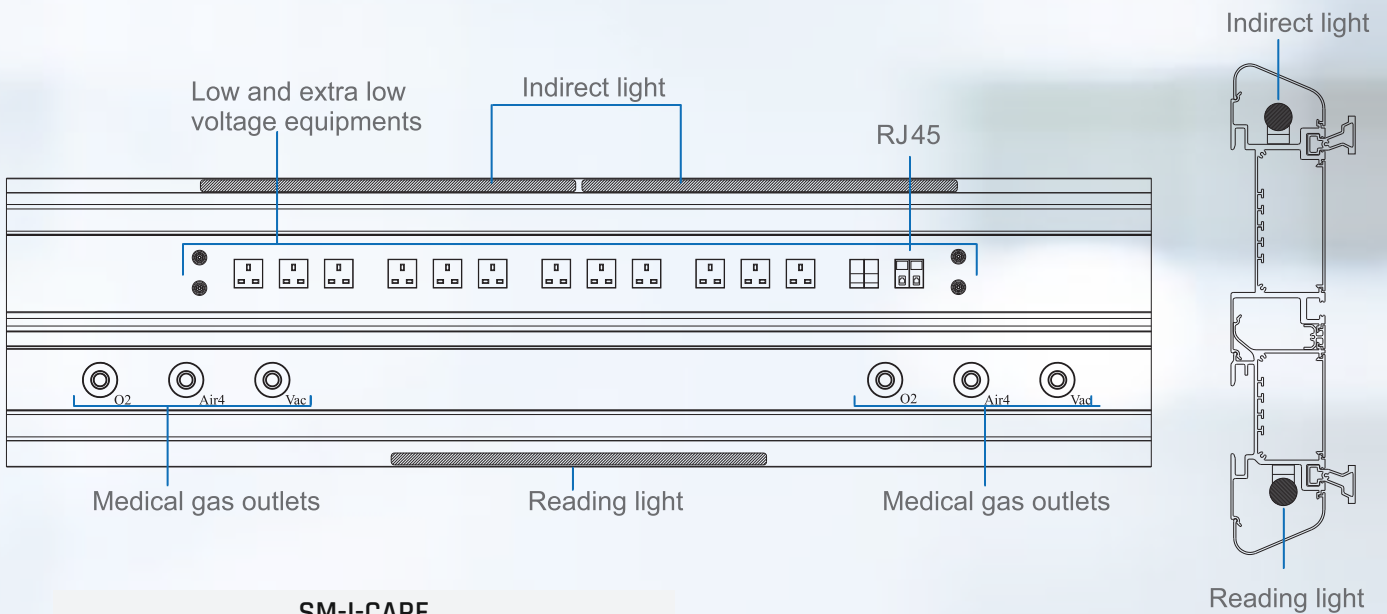
Length	Product Code
100 cm	S90-771-100
120 cm	S90-771-120
150 cm	S90-771-150
160 cm	S90-771-160
180 cm	S90-771-180
200 cm	S90-771-200

	RAL 7035		RAL 7001
	RAL 3002		RAL 3014
	RAL 6019		RAL 9001
	RAL 5017		RAL 5018
	RAL 5024		Optional

Any feature of unit can be customized as per customer requests.

# INTENSIVE CARE UNITS

## SM-I-CARE



### SM-I-CARE

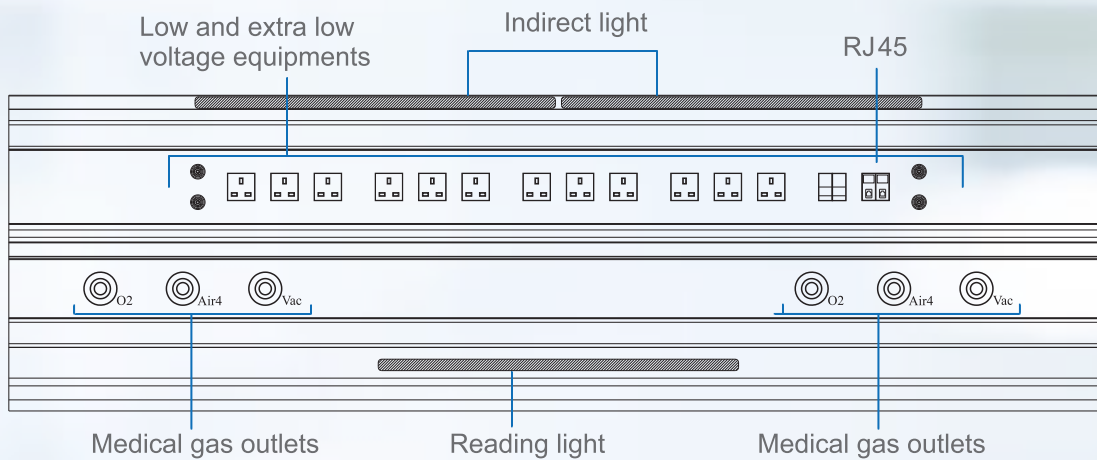
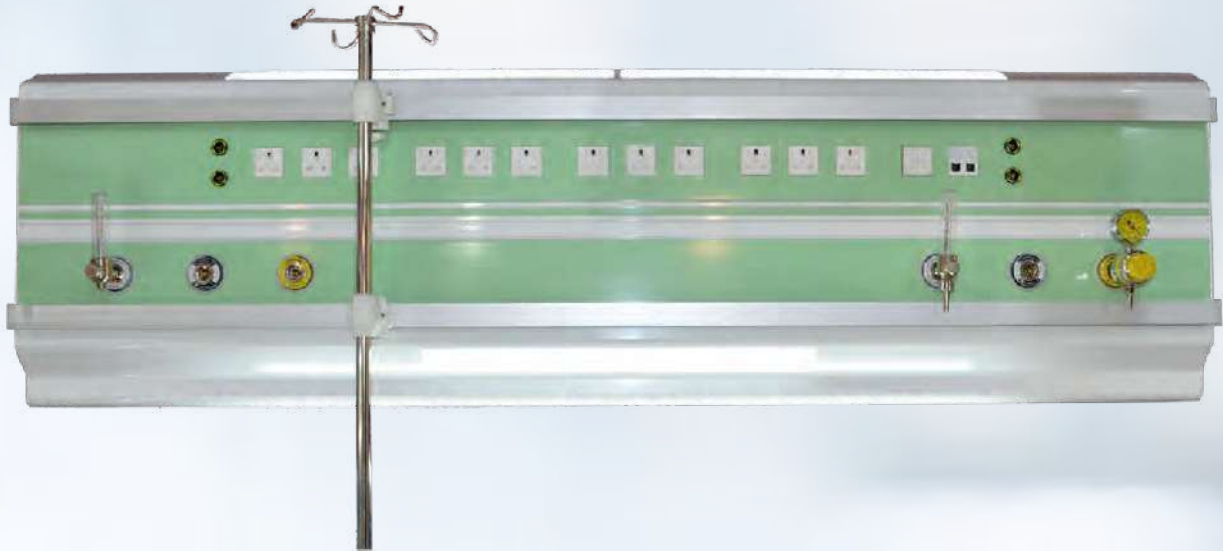
Length	Product Code
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120 cm	S90-790-120
150 cm	S90-790-150
160 cm	S90-790-160
180 cm	S90-790-180
200 cm	S90-790-200

	RAL 7035		RAL 7001
	RAL 3002		RAL 3014
	RAL 6019		RAL 9001
	RAL 5017		RAL 5018
	RAL 5024		Optional

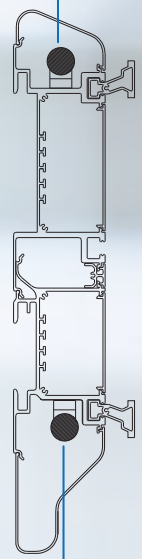
Any feature of unit can be customized as per customer requests.

# INTENSIVE CARE UNITS

## SM-I-CARE-DS



Indirect light



Reading light

### SM-I-CARE-DS

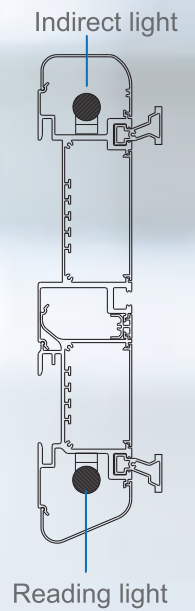
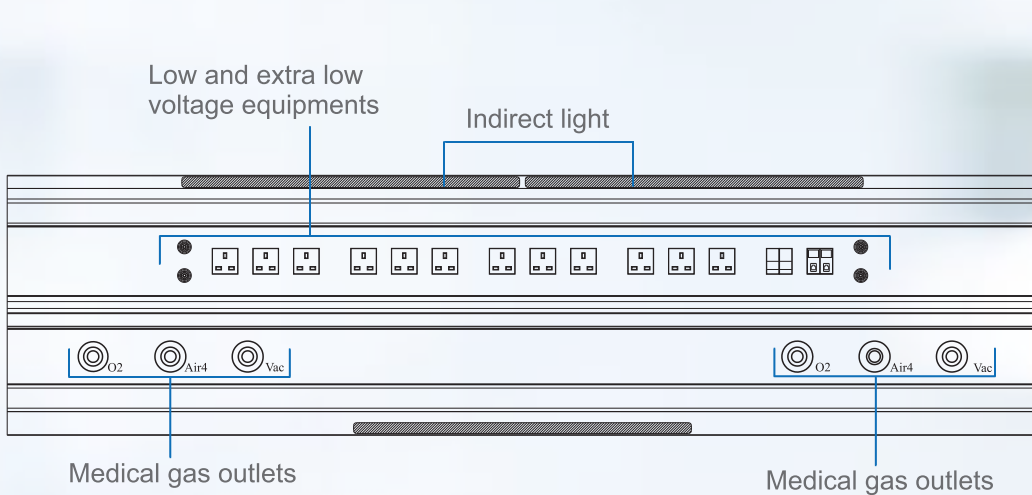
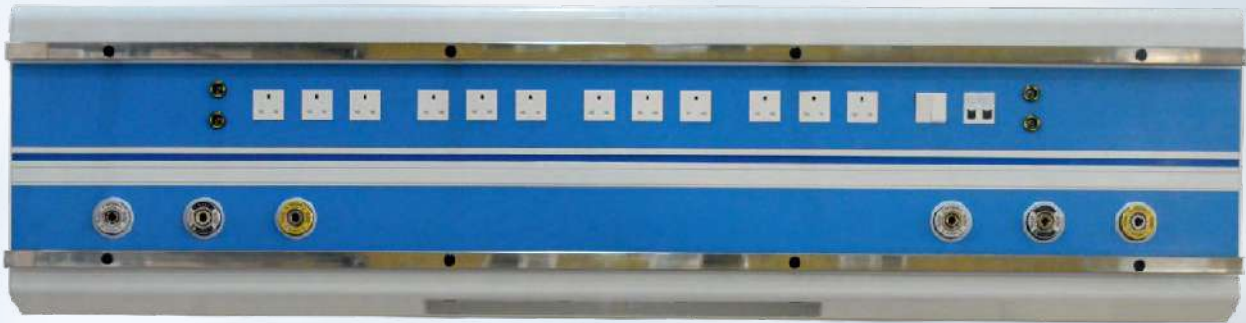
100 cm	S90-791-100
120 cm	S90-791-120
150 cm	S90-791-150
160 cm	S90-791-160
180 cm	S90-791-180
200 cm	S90-791-200

	RAL 7035		RAL 7001
	RAL 3002		RAL 3014
	RAL 6019		RAL 9001
	RAL 5017		RAL 5018
	RAL 5024		Optional

Any feature of unit can be customized as per customer requests.

# INTENSIVE CARE UNITS

## SM-I-CARE-HD



### SM-I-CARE-HD

Length	Product Code
100 cm	S90-792-100
120 cm	S90-792-120
150 cm	S90-792-150
160 cm	S90-792-160
180 cm	S90-792-180
200 cm	S90-792-200

	RAL 7035
	RAL 3002
	RAL 6019
	RAL 5017
	RAL 5024

	RAL 7001
	RAL 3014
	RAL 9001
	RAL 5018
	Optional

Any feature of unit can be customized as per customer requests.



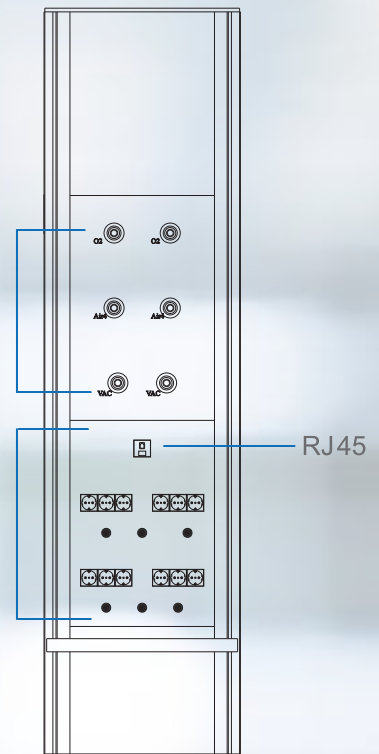
# INTENSIVE CARE UNITS

## FLATWALL



Medical gas outlets




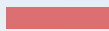
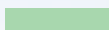
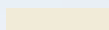



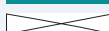
Low and extra low voltage equipments



### FLATWALL

Product Code

S90-365-000

	RAL 7035		RAL 7001
	RAL 3002		RAL 3014
	RAL 6019		RAL 9001
	RAL 5017		RAL 5018
	RAL 5024		Optional

Any feature of unit can be customized as per customer requests.

# INTENSIVE CARE UNITS

## TECHNICAL DATA

PRODUCT	PRODUCT CODE					
	100 cm	120 cm	150 cm	160 cm	180 cm	200 cm
Sc2015	S90-760-100	S90-760-120	S90-760-150	S90-760-160	S90-760-180	S90-760-200
Dk2014	S90-750-100	S90-750-120	S90-750-150	S90-750-160	S90-750-180	S90-750-200
DK2014-M	S90-751-100	S90-751-120	S90-751-150	S90-751-160	S90-751-180	S90-751-200
HY 2017	S90-780-100	S90-780-120	S90-780-150	S90-780-160	S90-780-180	S90-780-200
HY2017-DS	S90-781-100	S90-781-120	S90-781-150	S90-781-160	S90-781-180	S90-781-200
HY2017-D	S90-781-100	S90-781-120	S90-781-150	S90-781-160	S90-781-180	S90-781-200
MD-2014	S90-320-100	S90-320-120	S90-320-150	S90-320-160	S90-320-180	S90-320-200
EUROCARE	S90-770-100	S90-770-120	S90-770-150	S90-770-160	S90-770-180	S90-770-200
EUROCARE-D	S90-771-100	S90-771-120	S90-771-150	S90-771-160	S90-771-180	S90-771-200
SM-I-CARE	S90-790-100	S90-790-120	S90-790-150	S90-790-160	S90-790-180	S90-790-200
SM-I-CARE-DS	S90-791-100	S90-791-120	S90-791-150	S90-791-160	S90-791-180	S90-791-200
SM-I-CARE-HD	S90-792-100	S90-792-120	S90-792-150	S90-792-160	S90-792-180	S90-792-200

PRODUCT	CODE
HEADWALL	S90-366-000
FLATWALL	S90-365-000

### Electrical

Main voltage

110 / 240 V

Main frequency

50 / 60 Hz

Nominal current

16 A (per circuit)

### Mechanical ( carrying capacity )

Accessories rail

max. 50 kg.

### Technical data for medical gases

Available medical gas outlets

DIN, BS, AFNOR, AGA, OHMEDA

### Classification

Medical Devices Directive 93/42EEC Annex-II Section 3

### Basic regulations

EN ISO 11197:2009 Medical Supply Units

EN 737-1:1998 Medical gas pipeline systems

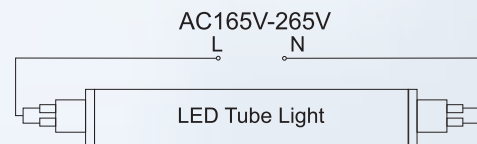
EN ISO 7396-1:2007 Medical gas pipeline systems

EN 60598-1:2015 Luminaires - Part 1: General requirements and tests

HTM 2022 Medical gas pipeline systems

HTM 02-01 Medical gas pipeline systems

HTM 08-03 Bedhead services



Model	Power	Voltage	Color Temperature	Lumen		LED Source SMD2835	Size (L*D)	Plug
				Clean	Frosted			
SC-TB-001	9W	AC165-265V	2700-6500K	85-95lm/w	75-85lm/w	44pcs	600x12x35mm	G5
SC-TB-002	18W	AC165-265V	2700-6500K	85-95lm/w	75-85lm/w	88pcs	1200x12x35m	G5