

MEDICAL DEVICES - CLASS I



CATALOGUE HEALTHCARE LIGHTING 2022

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MIMSAL is a specialized lighting solutions supplier for the healthcare sector. We offer a wide range of luminaires designed to satisfy the diversity of the end-user needs and for each activity sector, by offering technical advice and commercial support to the professionals / prescribers of the healthcare.

Our products are engineered for easy mounting, with modern electronic components and light sources for the best energy efficiency and economy.

Our products and solutions are manufactured and certified in accordance with Regulation (EU) 2017/745 of the European Parliament and of the Council on medical devices.

MIMSAL complies with the quality certification ISO 9001 and ISO 13485.

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CONTENT MEDICAL DEVICES - CLASS I

SURGERY LAMP		
MIMLED	MIMLED 1000	MIMLED 600
 LAMP FOR EXAMINATION AN MS CEILING MS LED MS FLEX LUXIFLEX LED LUXIFLEX SENSOR 	MS CEILING MS LED MS Flex Luxiflex LED Luxiflex Sensor	RY PROCEDURES MS CEILING PLUS MS LED Plus MS Flex Plus Luxiflex LED Plus Luxiflex Sensor Plus
 MAGNIFIER LUMINAIRE LUPA LED HF LUPA HF 	Luxiflex Halógena	
 WOODS LAMP VISTA LED VISTA HF 	Vista LED Handle Vista Handle HF	Vista LED Plus Vista Plus HF
 X-RAY VIEWERS X-RAY VIEWERS AF LED 	AF 400 LED AF 200 d/c LED	AF 300 LED

ACCESSORIES



MIMLED 1000 | 600

Compact LED Surgery lamp. Available in two versions: MIMLED 1000 and MIMLED 600.

HIGH EFFICIENCY

MIMLED 1000 MIMLED 600 100.000 lux at 1 meter 60.000 lux at 1 meter

HOMOGENEOUS ILLUMINATION

Each LED module illuminates the surgical field independently. The result is a shadow-free and homogenous light field over a large depth of illumination even when operating directly under the luminaire.

LIGHT CONTROL WITH ENDO MODE

While most compact medical luminaires cannot be operated at reduced brightness, the MIMLED offers a wide range of brightness options down to only 10.000 lux.

COLOUR RENDITION / TEMPERATURE

The lights provide a high colour rendering index (CRI) of over 95 for optimal tissue contrast. Especially red color tones are reproduced with hightest fidelity (R_{\circ} > 90) and enhance the visualization of the surgical field. The MIMLED have a fixed colour temperature of 4.000 K.

DESIGN & HANDLING

The compact and rounded shape of the luminaire reduces drag in OR with laminar flow systems and keeps the operating field sterile. Separate light controls for sterile and non-sterile users ensures intuitive and safe handling. Turn on the light and control the brightness by simply turning the blue sterile handle.

AVAILABLE IN 3 OPTIONS

- Trolley Stand.
- Wall version.
- Ceiling version (up to 3.40 meter height).



Adjustable light intensity integrated in the grip



MIMLED 1000

Technical Details	
Lux at 1 meter	10.000 to 100.000 lux in ten steps
Number of LEDs	15 LEDs
Lamp lifetime	≥ 50.000 hours
Total irradiance	390 W/m ²
Power consumption	33 W
Colour temperature	4.000 °K
Light field diameter at 1 meter	210 mm
Light field diameter D50/10	140 mm / 210 mm
Colour rendering	\geq 95% R _a / \geq 90% R ₉
Power supply	100/230 V - 50/60 Hz
Protection type (IP code)	IP 42

MIMLED 600

Technical Details	
Lux at 1 meter	10.000 to 60.000 lux in six steps
Number of LEDs	15 LEDs
Lamp lifetime	≥ 50.000 hours
Total irradiance	220 W/m ²
Power consumption	24 W
Colour temperature	4.000 °K
Light field diameter at 1 meter	210 mm
Light field diameter D50/10	140 mm / 210 mm
Colour rendering	$\geq 95\%~R_{_a}~/\geq 90\%~R_{_9}$
Power supply	100/230 V - 50/60 Hz
Protection type (IP code)	IP 42





WALL version REF. ML1000W ML600W



 CEILING version
 (REF.)

 ML1000C 200
 ML600C 200

 ML1000C 400
 ML600C 400

 ML1000C 600
 ML600C 600

 ML1000C 800
 ML600C 800

 ML1000C 1000
 ML600C 1000



TROLLEY version REF. ML1000FL ML600FL



MS CEILING MS CEILING PLUS

Minor surgery and advanced exploration luminaire designed to be ceiling mounted. The lamp incorporates a LED light source and a highly precise articulated arm that allows the luminaire to be adjusted in any position.

The quality of the materials used in its manufacture makes it especially suitable for intensive use in surgery and examinations.

Exceptional quality of LED light

The powerful LED light source offers exceptional light quality and a lifespan of more than 50,000 hours.

The high performance of the colour Ra 97% depicts the exceptional quality of white light for an excellent distinction of fabrics and its reproducing all visible colours, naturally and precisely.

Ergonomic design

The circular shape of the head and its handle in the lower part facilitate its exact positioning, fulfilling the ergonomic requirements for any use.

Designed with clean and soft shapes which facilitate hygiene and cleanliness in medical environments.

Ceiling Support

The ceiling support is included. It is manufactured specifically for the MS CEILING family lamp. The MS CEILING family lamp is not compatible with any other accessory. It is designed to be installed in ceilings up to 3 meters.

Versions

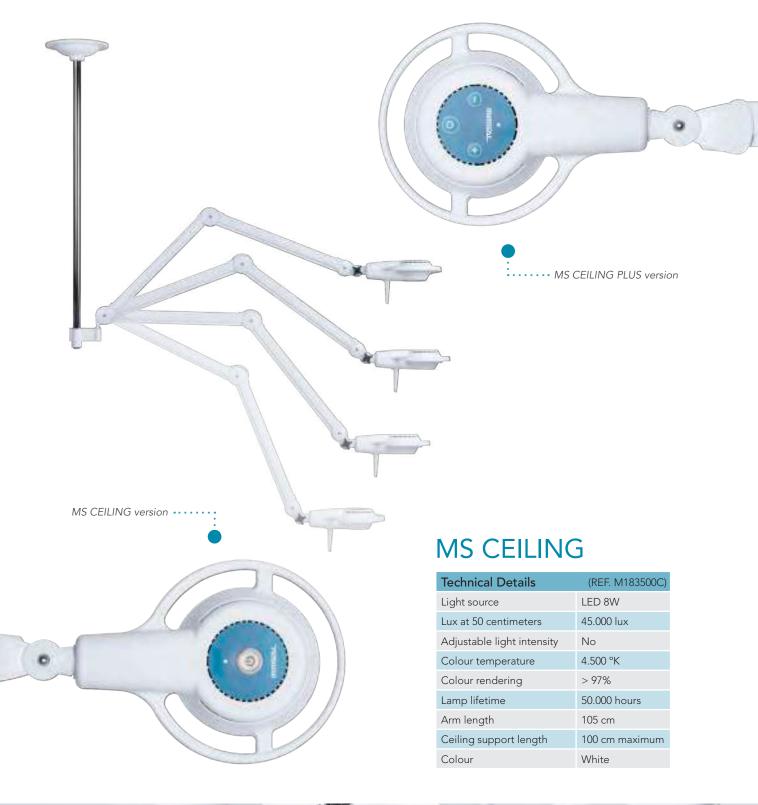
MS CEILING	45.000 lux at 50 cm
	On/Off version
MS CEILING PLUS	65 000 lux at 50 cm

Adjustable light intensity version

MS CEILING PLUS

Technical Details	(REF. M187001C)
Light source	LED 12W
Lux at 50 centimeters	65.000 lux
Adjustable light intensity	Yes
Colour temperature	4.500 °K
Colour rendering	> 97%
Lamp lifetime	50.000 hours
Arm length	105 cm
Ceiling support length	100 cm maximum
Colour	White









MS LED MS LED PLUS

MS LED is a minor surgery and advanced exploration luminaire. The lamp is manufactured with a LED light source and it is mounted with a highly precise articulated arm. Its arm allows the luminaire to be adjusted in any position.

The quality of the materials used in its manufacture makes it especially suitable for intensive use in surgery and examinations.

Exceptional quality of LED light

The powerful LED light source offers exceptional light quality and a lifespan of more than 50,000 hours.

The high performance of the colour Ra 97% depicts the exceptional quality of white light for an excellent distinction of fabrics and its reproducing all visible colours, naturally and precisely.

Versions

MS LED 45.000 lux at 50 cm On/Off version

MS LED PLUS	65.000 lux at 50 cm
	Adjustable light intensity version

Ergonomic design

The circular shape of the head and its handle in the lower part facilitate its exact positioning, fulfilling the ergonomic requirements for any use.

Designed with clean and soft shapes which facilitate hygiene and cleanliness in medical environments.

Mounting options

The standard version includes AH table clamp.

As for accessories, we offer a wide selection of supports such as wall supports, wall extension arms, trolleys stand and rail brackets.

> ••• MS LED Plus version. Dimmable, adjustable light intensity.





MS LED

Technical Details	(REF. M183500)
Light source	LED 8W
Lux at 50 centimeters	45.000 lux
Adjustable light intensity	No
Colour temperature	4.500 °K
Colour rendering	> 97%
Lamp lifetime	50.000 hours
Arm length	90 cm
Colour	White

MS LED PLUS

Technical Details	(REF. M187001)
Light source	LED 12W
Lux at 50 centimeters	65.000 lux
Adjustable light intensity	Yes
Colour temperature	4.500 °K
Colour rendering	> 97%
Lamp lifetime	50.000 hours
Arm length	90 cm
Colour	White

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MS FLEX MS FLEX PLUS

MS FLEX is a minor surgery and advanced exploration luminaire. The lamp is manufactured with a LED light source and it is mounted with a highly precise flexible arm. Its arm allows the luminaire to be adjusted in any position.

The quality of the materials used in its manufacture makes it especially suitable for intensive use in surgery and examinations.

Exceptional quality of LED light

The powerful LED light source offers exceptional light quality and a lifespan of more than 50,000 hours.

The high performance of the colour Ra 97% depicts the exceptional quality of white light for an excellent distinction of fabrics and its reproducing all visible colours, naturally and precisely.

Versions

MS FLEX 45.000 lux at 50 cm On/Off version

MS FLEX PLUS	65.000 lux at 50 cm
	Adjustable light intensity version

Ergonomic design

The circular shape of the head and its handle in the lower part facilitate its exact positioning, fulfilling the ergonomic requirements for any use.

Designed with clean and soft shapes which facilitate hygiene and cleanliness in medical environments.

Mounting options

The standard version includes AH table clamp.

As for accessories, we offer a wide selection of supports such as wall supports, wall extension arms, trolleys stand and rail brackets.



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(REF. M183500FL)

LED 8W

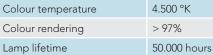
No

70 cm

White

45.000 lux





MS FLEX

Technical Details

Lux at 50 centimeters

Adjustable light intensity

Light source

Arm length

Colour

MS FLEX	PLUS
Technical Details	(REF. M187001FL)

	(,
Light source	LED 12W
Lux at 50 centimeters	65.000 lux
Adjustable light intensity	Yes
Colour temperature	4.500 °K
Colour rendering	> 97%
Lamp lifetime	50.000 hours
Arm length	70 cm
Colour	White

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LUXIFLEX LED LUXIFLEX LED PLUS

Luxiflex is a cold light luminaire, versatile with a compact design. Luxiflex is conceived for medical examination procedures that require great performance.

Flexibility

Flexible arm allows to adjust the height to assure the proper working distance.

Compact design

Luxiflex offers easy use, thanks to its compact LED head with a diameter of 8 cm and its switch located at the base of the lamp. These features make this model an ideal luminaire for the most demanding examinations procedures.

Mounting options

The standard version includes AH table clamp. As for accessories, we offer a wide selection of supports such as wall supports, wall extension arms, trolleys stand and rail brackets.

LUXIFLEX LED

Technical Details	(REF. I0104AOLED)
Light source	LED 6W 15°
Lamp lifetime	50.000 hours
Lux at 50 centimeters	15.000 lux
Colour temperature	4.500 °K
Colour rendering	80%
Total length	85 cm
Colour	White

LUXIFLEX LED PLUS

Technical Details	(REF. 10104NL)
Light source	LED 10W 14°
Lamp lifetime	50.000 hours
Lux at 50 centimeters	35.000 lux
Colour temperature	4.500 °K
Colour rendering	97%
Total length	85 cm
Colour	White

High performance LED

Luxiflex LED Luxiflex LED Plus 15.000 lux at 50 centimeters.35.000 lux at 50 centimeters.



Luxiflex LED Plus







LUXIFLEX SENSOR LUXIFLEX SENSOR PLUS

Luxiflex Sensor is a cold light luminaire, versatile and with a compact design. Luxiflex Sensor is manufactured with a contactless switch. This luminaire is designed for medical examination procedures that require great performance.

Flexibility

Flexible arm allows to adjust the height to assure the proper working distance.

Compact design

Luxiflex offers easy use, thanks to its compact LED head with a diameter of 8 cm and its contactless switch located at the base of the lamp. These features make this model an ideal luminaire for the most demanding examinations procedures.

Mounting options

The standard version includes AH table clamp. As for accessories, we offer a wide selection of supports such as wall supports, wall extension arms, trolleys stand and rail brackets.

High performance LED

Luxiflex Sensor Luxiflex Sensor Plus 15.000 lux at 50 centimeters.35.000 lux at 50 centimeters.

Contactless switch

Allows to switch the lamp on and off without contact.

Luxiflex Sensor



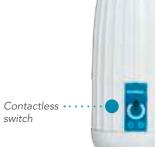
LUXIFLEX SENSOR

Technical Details	(REF. I	0104AOLEDSR)
Light source		LED 6W 15°
Lamp lifetime		50.000 hours
Lux at 50 centimeters		15.000 lux
Colour temperature		4.500 °K
Colour rendering		80%
Total length		85 cm
Colour		White



LUXIFLEX PLUS SENSOR

Technical Details (REF. I0104NLSR)
Light source	LED 10W 14°
Lamp lifetime	50.000 hours
Lux at 50 centimeters	35.000 lux
Colour temperature	4.500 °K
Colour rendering	97%
Total length	85 cm
Colour	White



WALL B SUPPORT REF. B0101800





LUXIFLEX HAL

Luxiflex HAL is a versatile lamp with a compact design. Luxiflex is conceived for medical examination procedures that require great performance.

Also available in LED version: Luxiflex LED and Luxiflex LED Plus.

Flexibility

Flexible arm allows to adjust the height to assure the proper working distance.

Compact design

Luxiflex offers easy use, thanks to its compact head with a diameter of 8 cm and its switch located at the base of the lamp. These features make this model an ideal luminaire for the most demanding examinations procedures.

Mounting options

The standard version includes AH table clamp.

As for accessories, we offer a wide selection of supports such as wall supports, wall extension arms, trolleys stand and rail brackets.



Technical Details	(REF. 10104AO)
Light source	Halogen 35W 8°
Lamp lifetime	5.000 hours
Lux at 50 centimeters	50.000 lux
Colour temperature	4.000 °K
Colour rendering	95%
Total length	85 cm
Colour	White
Glass filter for colour temperature	





LUPA LED H.F

LED magnifier with round lens, Lupa LED H.F is intended when performing any meticulous work in need of great accuracy. It is ideal for hospitals, measured studies, laboratories, aesthetic clinics, etc.

Functionality and Performance

Generates a light without dark spots.

Internal spring balanced arms that allow different positions.

Switch on the head.

Round head with convex lens, adjustable and simple mechanism

Mounting Options

The standard version includes AH table clamp.

As for accessories, we offer a wide selection of supports such as wall supports, wall extension arms, trolleys stand and rail brackets.

Cleaning and Safety

Head exempt of heat.

Protective cover on the head with hinge mechanism to prevent from dust and scratches that may damage the lens.

Economy

High performance, low power 8 W. Long life, 40,000 hours. Durable materials. Very low maintenance costs.

LUPA LED H.F

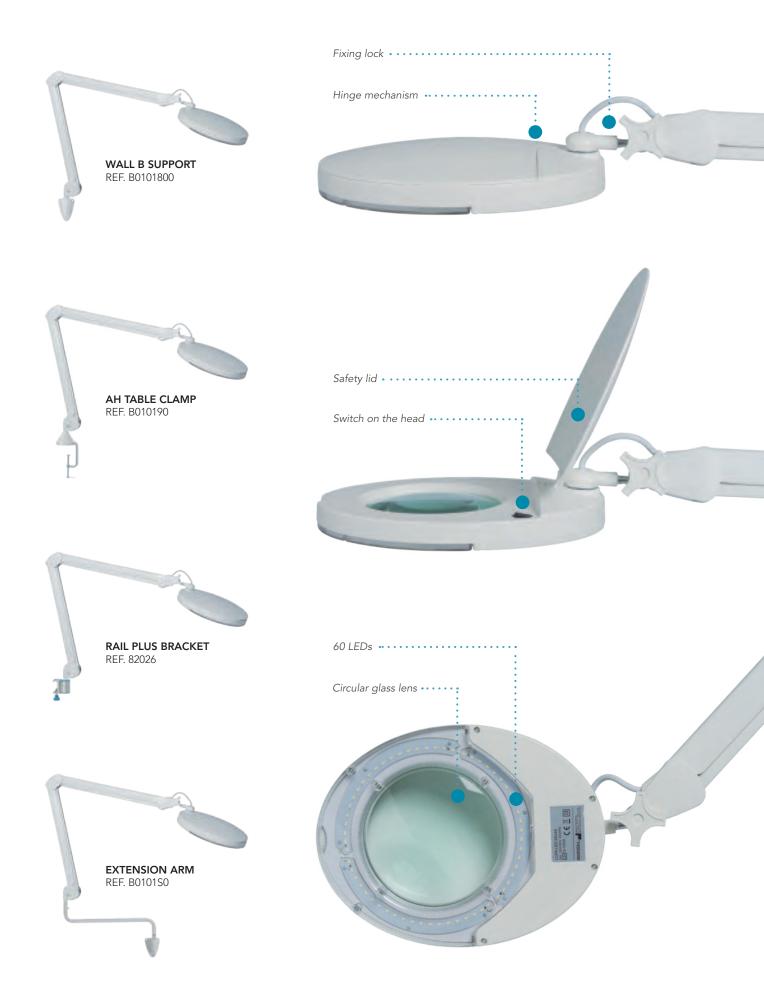
Technical Details	(REF. 09340)
Light source	LED H.F 8W
Lamp lifetime	40.000 hours
Colour temperature	6.500 °K
Glass lens	5 diopters
Lens diameter	127 mm
Arm length	90 cm
Weight	3 kg
Colour	White



TROLLEY STAND 8,8 kg REF. 09651









LUPA H.F

Cold light luminaire with magnifying lens, essential for high precision work. An ideal use for hospitals, medical centers, laboratories and aesthetic clinics.

Light Source

Low consumption 22W circular fluorescent tube.

Produces a light without dark spots and does not overheat.

Lifetime of 10.000 hours.

Functionality and performances

Adjustable height articulated arm that allows easy movement in different positions.

Head with biconvex circular lens of 5 diopters, adjustable and simple mechanism.

Switch on the head of the luminaire.





Security and hygiene

Head with protective cover to prevent dust or scratches that may damage the lens.

Mounting Options

Standard version includes AH table clamp.

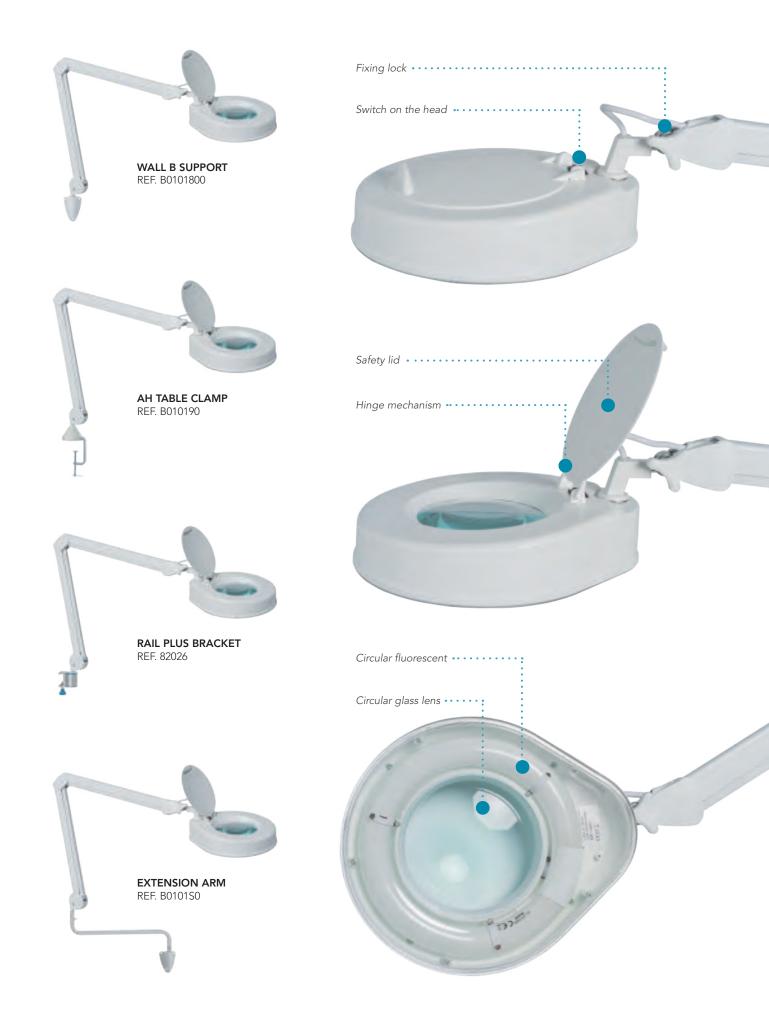
As for accessories, we offer a wide selection of supports such as wall supports, wall extension arms, trolleys stand and rail brackets.

LUPA H.F

Technical Details	(REF. 09332)
Light source	FL 22W
Lamp lifetime	10.000 hours
Colour temperature	6.500 °K
Glass lens	5 diopters
Lens diameter	125 mm
Arm length	90 cm
Weight	3 kg
Colour	White

TROLLEY STAND 8,8 kg REF. 09651

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VISTA LED

Lamp with magnifying lens designed with LED technology to emit two types of light: wood's light (UV) and daylight.

It is used specially in dermatology, aesthetics, veterinary medicine and research procedures.

Great ease of use thanks to the switch located on the head of the luminaire. The switch allows you to choose the type of light. Protective sliding cap that covers the lens. The magnifying lens are made of glass.

Available in two options:

- VISTA LED HANDLE: Hand version with white colour head and black colour handle.
- VISTA LED PLUS: Double articulated arm version.



VISTA LED HANDLE

Technical Details	(REF. E051L)
Light source	LED 3W
Glass lens	3 diopters
Lens dimensions	10 x 6 cm
Power supply	100/230 V - 50/60 Hz
Head colour	White
UV Light mode	
Number of LED's	2
Wave length	365 nm
UV Туре	UVA
Daylight mode	
Number of LED's	2
Colour temperature	4.500°K
Colour rendering	>80%



UV Light - UV LED



Daylight - White LED

MIMSAL



	203
Technical Details	(REF. E051PL)
Light source	LED 3W
Glass lens	3 diopters
Lens dimensions	10 x 6 cm
Power supply	100/230 V - 50/60 Hz
Arm length	90 cm
Colour	White
UV Light mode	
Number of LED's	2
Wave length	365 nm
UV Туре	UVA
Daylight mode	
Number of LED's	2
Colour temperature	4.500°K
Colour rendering	>80%

VISTA LED PLUS

TROLLEY STAND 8,8 kg REF. 09651

VISTA PLUS H.F versions:

• AH TABLE CLAMP (REF. B010190) • WALL B SUPPORT (REF. B0101800) • RAIL PLUS BRACKET (REF. 82026)

• EXTENSION ARM (REF. B0101S0)



VISTA H.F

Lamp with magnifying lens designed to emit wood's light (UV). It is used specially in dermatology, aesthetics, veterinary medicine and research procedures.

Great ease of use thanks to the switch located on the head of the luminaire. Protective sliding cap that covers the lens. The magnifying lens are made of glass.

Available in two options:

- VISTA UV HANDLE H.F: Hand version with white colour head and black colour handle.
- VISTA PLUS H.F: Double articulated arm version.



Protective sliding cover closed position

VISTA UV HANDLE H.F

Technical Details	(REF. E051LAT212)
Light source	FL UV compact 9W
Wave length nanometers	360 nanometers
Glass lens	3 diopters
Lens dimensions	10 x 6 cm
Colour	White

Front view and profile view





VISTA PLUS H.F

Technical Details	(REF. E051CAO012)
Light source	FL compact 9W 840
Light source (optional)	FL UV compact 9W
Glass lens	3 diopters
Lens dimensions	10 x 6 cm
Arm length	90 cm
Colour	White

VISTA PLUS H.F versions:

- AH TABLE CLAMP (REF. B010190)
- WALL B SUPPORT (REF. B0101800)
- RAIL PLUS BRACKET (REF. 82026)
- EXTENSION ARM (REF. B0101S0)





X-RAY VIEWERS AF LED

Extraslim X-Ray Viewers series with a 25 millimeter thickness and made of aluminum frame. This format provides a LED light source for greater iluminance. This format is characterized by its low consumption and its low temperature of the screen. Available in three formats:

- AF 400 LED: Portable version with desktop stand (optional).
- AF 300 LED: Wall version.
- AF 200 d/c LED: Wall version.

AF 300 LED ...

..... AF 400 LED



Desktop stand AF 400 LED DESKTOP STAND REF. AF-A

Accessory stainless steel desktop stand for AF 400 LED

AF 200 d/c LED



AF 400 LED

Technical Details	(REF. AF400LED)
Light source	LED 8 W
Illuminance	9950 cd/m2
Colour temperature	6000 °K
Lamp lifetime	50.000 hours
Illuminated surface	295 x 210 mm
Total dimensions	365 x 280 x 25 mm
Power supply	100/240 V - 50/60 Hz
Frame material	Aluminum
Recommended temperature	from 10 to 40 °C

AF 200 d/c LED

Technical Details	(REF. AF200d/cLED)
Light source	LED 32 W
Illuminance	6700 cd/m2
Colour temperature	6000 °K
Lamp lifetime	50.000 hours
Illuminated surface	420 x 750 mm
Total dimensions	490 x 820 x 25 mm
Power supply	100/240 V - 50/60 Hz
Frame material	Aluminum
Recommended temperature	from 10 to 40 °C

AF 300 LED

Technical Details	(REF. AF300LED)
Light source	LED 14 W
Illuminance	6300 cd/m2
Colour temperature	6000 °K
Lamp lifetime	50.000 hours
Illuminated surface	350 x 420 mm
Total dimensions	420 x 490 x 25 mm
Power supply	100/240 V - 50/60 Hz
Frame material	Aluminum
Recommended temperature	from 10 to 40 °C



Front view and extraslim profile view detail AF 400 LED version





ACCESSORIES

WALL B SUPPORT

Wall support Shaft-wall separation: 7cm **REF. B0101800**



AH TABLE CLAMP Table fixing REF. B010190



RAIL PLUS BRACKET To adapt to U.C.I rail REF. 82026



TROLLEY STAND

H=92 cm Ø 60 cm 4 kg REF. 09655 8,8 kg REF. 09651

EXTENSION ARM It provides 40 cm rotation from the wall WALL B SUPPORT included REF. B0101S0



Healthcare Lighting 2022

NON-MEDICAL DEVICES







- LAMP FOR EXAMINATION AND MINOR SURGERY PROCEDURES
 LS LED
- INFRARED LAMP LS INFRA

LS Infra

LS Infra Timer

ACCESSORIES



LS LED

LS LED is an examination lamp. The luminaire is mounted with a highly precise articulated arm and it is manufactured with a metal structure. It is specially designed to be used in examination procedures.

Easy to use

Adjustable height articulated arm, allows easy adjustment in different positions, provides a long reach and maximum vertical and horizontal movement, and always remains in the correct position.

Switch located on the connection cable.

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Simple and durable

Metallic structure, manufactured with durable materials and with very low maintenance costs.

Mounting Options

The standard version includes AH table clamp.

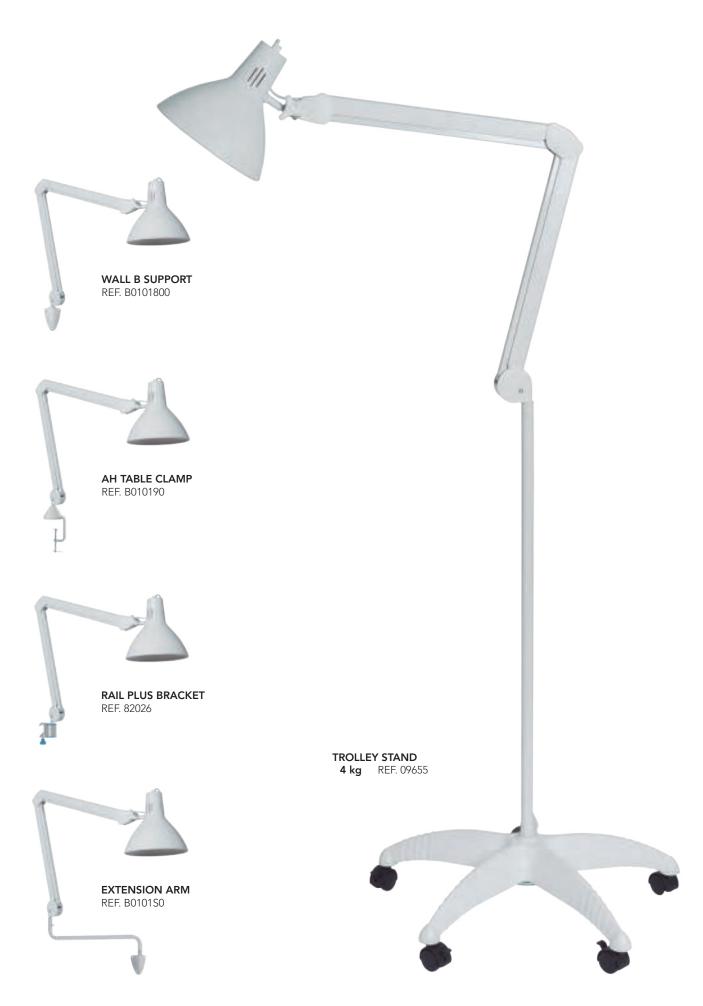
As for accessories, we offer a wide selection of supports such as wall supports, wall extension arms, trolleys stand and rail brackets.



LS LED

Technical Details	(REF. LS010316LED)
Light source	LED 7,5W
Head diameter	21 cm
Socket	E-27 ceramic
Arm length	90 cm
Colour	White







LS INFRA

LS Infra is an infrared lamp. The luminaire is mounted with a highly precise articulated arm. It is available in 150W or 250W bulb.

Easy to use

Adjustable height articulated arm, allows easy adjustment in different positions, provides a long reach and maximum vertical and horizontal movement, and always remains in the correct position.

Simple and durable

Metallic structure, manufactured with durable materials and with very low maintenance costs.

Mounting Options

The standard version includes AH table clamp.

As for accessories, we offer a wide selection of supports such as wall supports, wall extension arms, trolleys stand and rail brackets.

LS INFRA

Technical Details	
Light source	IR E-27 150W
	IR E-27 250W
Head diameter	21 cm
Socket	E-27 ceramic
Arm length	90 cm
Colour	White

LS Infra versions:

- LS Infra 150 (REF. E020412)
- LS Infra 250 (REF. E02041250)



LS INFRA TIMER

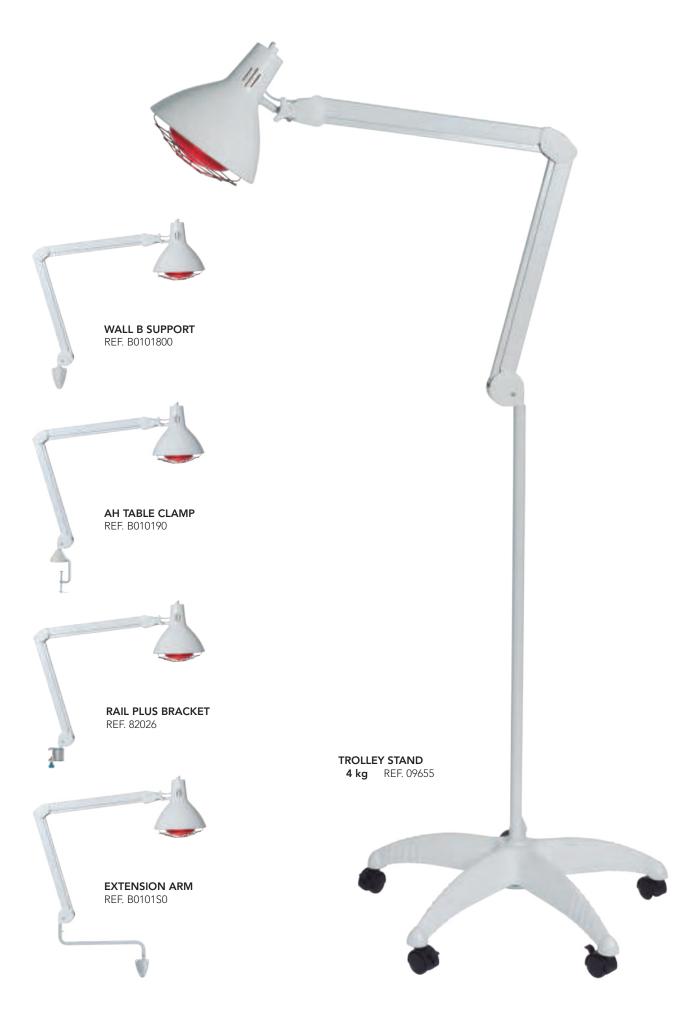
Technical Details

Light source	IR E-27 150W
	IR E-27 250W
Head diameter	21 cm
Socket	E-27 ceramic
Arm length	90 cm
Colour	White
Timer 0 -15 minutes	

LS Infra Timer versions:

- LS Infra 150 Timer (REF. E020412T)
- LS Infra 250 Timer (REF. E02041250T)







ACCESSORIES

WALL B SUPPORT

Wall support Shaft-wall separation: 7cm **REF. B0101800**



AH TABLE CLAMP Table fixing REF. B010190



RAIL PLUS BRACKET To adapt to U.C.I rail REF. 82026



TROLLEY STAND

H=92 cm Ø 60 cm 4 kg REF. 09655 8,8 kg REF. 09651

EXTENSION ARM It provides 40 cm rotation from the wall WALL B SUPPORT included REF. B0101S0



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