PENTALED 63N

Pented 63N is a high-tech product designed to guarantee excellent performance levels. PENTALED 63N has 72 elliptical reflectors split into 8 modules, each containing 9 LEDs. The modules are mechanically focused by rotating the sterilizable handle. The multiplicity of the luminous sources and the elliptical geometry of the parabolas studied to reflect in the depth the light beams generated by the LEDs, grant scialytic light for a threedimensional illumination without shadows.

Comfortable use
Thanks to the principle of indirect light, the lamp oriented towards different positions does not dazzle the surgeon and the assistants. The size of the lit field is adjusted mechanically through handle according to the light required by the surgeon.

Superior lighting features
Membrane keyboard activates the following functions:
- selection of the colour temperature 5,000°K and 4,500°K
- adjustment of the light intensity up to 160 Klx
- on/off
- ended light with colour selection (comfortable light for endoscopy intervention)
The colour temperature of 5,000°K stimulates the surgeons’ concentration, does not strain their sight, reproduces the colour of the tissues faithfully and increases the definition of the edges.

Reliable and long lasting performances
The modular construction of the electronic board that feeds the LEDs guarantees continuous light, even in the unlikely event that a LED or board component should fail. The lighting body is protected by tempered glass screen, covered by a special film avoiding any fallen down splinters in case of break.

Easy manoeuvrability
The reduced dimensions and the light reflector provide extreme manoeuvrability and stability. Smooth 360° rotation. The extremely light structure, the aluminium treated bar attached to the upper front of the cupola, the ultra-thin dome (only 13 cm) allow simple movements.

Battery group, TVCC camera, monitor holding camera on request
Every lamp can be supplied with an emergency battery group with automatic charger (hours autonomy: 2.5 (49200), 2.5 (49201), 2 (49202)), TVCC camera or monitor holding arm.

Full certification
GIMALED O.T. LED LIGHTS - 160,000 LUX

GimaLed light with 81 Led: sophisticated design which combines excellent lighting features with exceptional mechanical characteristics for extra soft movement.

- **Deep light**: 27 inner fixed Leds for central illumination and 54 Leds (six modules of nine Leds each) moved by servo-motor, allow surgeon to adjust light field diameter.

- **Shadowless light**: 81 Leds arranged on a round surface grant the best light emitting surface and avoid any shadow effect caused by any interposition between light beams and lighted surface.

- **Bright light**: two colour selections, 4,000K and 4,600K, made of white Leds only, no coloured shadow effect. Light intensity of 160,000 Lux.

**Major features**
- collimated light beams for a working distance from 70 to 160 cm
- high colour rendering index (CRI) 95, R9 >90
- optimisation of LED thermal management by heat dissipation convection to avoid illumination reduction during surgery
- PMMA optical lenses and polycarbonate protective screen
- Zener to grant light in case of even one Led failure
- reduced consumption, high efficiency
- optional pre-wired system for Wi-Fi HD camera

**GIMA code**
| 49180  | GimaLed-mobile            |
| 49181  | GimaLed-mobile with battery group and automatic charger |
| 49182  | GimaLed - ceiling*        |
| 49183  | GimaLed - ceiling* - double |
| 49197  | Autoclavable handle       |
| 49205  | Monitor holding arm - stand alone |
| 49220  | Special structure for high ceiling (>3.8 m) |
| 49185  | GimaLed wall remote control |
| 49186  | Set up kit for HD Wi-Fi camera** |
| 49187  | HD Wi-Fi camera - need 49186 |

*Battery group available on request for all models

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PENTALED 30E SURGERY LAMP 160,000 LUX

**LED LIGHT INNOVATIVE TECHNOLOGY**
A compact size hi-tech product that guarantees great performance levels. It has 30 elliptical reflectors split into 6 modules each containing 5 LEDs, providing 160,000 LUX

- selectable 4,500 °K - 5,000 °K. By simply pressing the digital key, the surgeon can choose two different white light temperatures
- **E-view.** Innovative lens allows the surgeon to expand/ narrow the illuminated operating field electronically, without altering intensity of light.
- **E-comfort.** The indirect LED’s creates 3D shadowless illumination of the operating field, no risk of dazzling
- **E-white.** Only white LED’s to avoid risk of perception of colour temperature variations or coloured shadows
- **E-deep.** Centre of light is fitted with extra LEDs module specifically designed to reflect deep light. This means that surgeon can work with perfect 3D lighting.

Battery and high definition camera on request. Optional battery group with automatic charger (4 hours autonomy) and high definition integrated camera (for ceiling and wall models only).

**GIMA code**
| 30780  | Pentedal-mobile            |
| 30779  | Pentedal-mobile with battery group and automatic charger |
| 30781  | Pentedal - wall            |
| 30782  | Pentedal - ceiling*        |
| 30783  | Pentedal - ceiling* - double |
| 30785  | Autoclavable handle - up to serial number 12071 |
| 30738  | Autoclavable handle - since serial number 12072 |
| 49205  | Monitor holding arm - stand alone |
| 49220  | Special structure for high ceiling (>3.8 m) |

*Battery group available on request for all models

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**TECHNICAL SPECIFICATIONS**

- Adjustable light intensity at 1 m distance (Ec) Klx 160
- Colour temperature - switchable °K 4,000 to 5,000
- Colour rendering index (CRI) Ra 95
- Light field (electronically adjustable) 16-30 cm
- Light field Ø where illumination reaches 10% of Ec (d10) mm 160
- Light field Ø where illumination reaches 50% of Ec mm 80
- Made in Italy
**TRIS LED LIGHTS - 130,000 LUX**

**SHADOWLESS THEATRE LED LIGHT**

Shadowless lamp with exceptional technical performance and flexibility of use. Suggested for small surgery, gynaecological and first aid surgeries. Cupola with four inner modules, each with 7 LEDs (total of 28 LEDs) displayed in a radial layout with lenses allowing shadowless and deep light. LEDs modules guarantee continuous light, even in the unlikely event that a LED should fail. Extremely easy to handle and stable in position. Focusing and adjusting the diameter of the illuminated area takes place by rotating the sterilizable handle at the centre of the reflector.

**Battery group with charger:** 4 hours autonomy, 6 hours recharging.

**TECHNICAL SPECIFICATIONS**

- Light intensity: 130,000 lux at 1 m distance
- Diameter of the reflector: 40 cm
- Adjustable diameter of illuminated field: 26-38 cm
- Depth of illumination IEC 60601-2-41 (L1+L2) at 20%: 148 cm
- Depth of illumination IEC 60601-2-41 (L1+L2) at 60%: 82 cm
- 28 LEDs - life 50,000 hours
- Colour temperature: 4,300° K ± 5%
- CRI 96 (Chromatic Rendering Index)
- Power supply: 100-240V - 50/60 Hz - 70 VA
- Total radiated energy Ec: 460 W/m²
- Weight (ceiling, mobile, wall) kg: 35 - 32 - 27
- Minimum height of the room (ceiling version): 260 cm
- Norms: IEC 60601-1, IEC 60601-2-41 - MDD 93/42/EEC
- Made in Italy
- Warranty: 12 months - mechanical components warranty: 10 years

**SATURNO LED LIGHTS - 30,000 LUX**

**SATURNO LED MINOR SURGERY LAMP**

SATURNO is a shadow-less type lamp suitable for small surgery, gynaecology and examination. Available in three versions: mobile with castors, wall and ceiling.

- light beams are generated from 9 LEDs - 2.5 W each
- heat is dissipated through aluminium cover reflector
- selection of 2 different white light temperatures: 5,000 °K and 4,500 °K
- light intensity adjustable at 6 different levels through front digital panel
- luminous intensity 30,000 LUX at 1 m. Diameter of illuminated field 28 cm
- adjustable friction bearing are mounted on every articulation of the lamp
- thanks to optical concept, no need to be focus adjusted

**Battery group with charger:** 4 hours autonomy, 6 hours recharging.

**TECHNICAL SPECIFICATIONS**

- Light intensity at 1 m distance Lux: 30,000
- Colour temperature adjustable 4,500-5,000 ± 5% K°
- 9 LEDs W: 2.5 each
- Average LED life hours: 50,000
- CRI (chromatic rendering Index) Ra: 96
- Diameter of illuminated field Ø cm: 28
- Depth of illumination IEC 60601-2-41 (L1+L2) at 20% of Ec cm: 228
- Depth of illumination IEC 60601-2-41 (L1+L2) at 60% of Ec cm: 136
- Total radiated energy Ec W/m²: 105
- Diameter of the reflector cm: 19.5
- Useful lighting surface of the cupola cm²: 65
- Weight (ceiling, mobile, wall) kg: 35 - 32 - 27
- Power requirements V, Hz: 100-240, 50-60
- Minimum height of the room (ceiling version) cm: 360° rotation without stopping
- Standards: IEC 60601-1 IEC 60601-2-41, MDD 93/42 CEE, medical device of Class I
- Warranty 12 months - mechanical components warranty 10 years
- Made in Italy
PENTALED

PENTALED is a perfect combination of technological developments, innovation, ergonomy and compact design, ultra-light and handy structure. Five versions available (trolley, ceiling, ceiling double, trolley with battery group and wall) and technical performances make PENTALED suitable for precision operations, diagnostic use, surgical rooms and small surgeries. Battery group, with an autonomy of 3 hours, is available on request also for wall and ceiling models.

Cold LED light
Bright and cold light reproduces colours faithfully, assuring excellent definition of details.

Ergonomic

PENTALED can be easily positioned by rotation on 4 axes:
- the dome has a full-circle 360° rotation
- the arm moves vertically thanks to a spring balancing system
- the reflector can be rotated on the vertical and horizontal axis. Movements are possible through the sterilizable handle.

50,000 hours life time
The low power supply current and the heat dispersion through aluminium dome allow the LED a 50,000 hours lifetime.

Light intensity adjustment

Light intensity adjustable through digital control.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>PENTALED 12 LEDs</th>
<th>PENTALED 28 LEDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>30787</td>
<td>Pentaled 12 - trolley</td>
<td>Pentaled 28 - trolley</td>
</tr>
<tr>
<td>30789</td>
<td>Pentaled 12 - ceiling* (for ceiling from 2.57 to 3.33 m)</td>
<td>Pentaled 28 - ceiling* (for ceiling from 2.57 to 3.33 m)</td>
</tr>
<tr>
<td>30790</td>
<td>Pentaled 12 - wall</td>
<td>Pentaled 28 - wall</td>
</tr>
<tr>
<td>30792</td>
<td>Pentaled 12+12 - ceiling* double</td>
<td>Pentaled 28+28 - ceiling* double</td>
</tr>
<tr>
<td>30793</td>
<td>Special structure for ceiling &gt; 3.34 m</td>
<td>Special structure for ceiling &gt; 3.34 m</td>
</tr>
<tr>
<td>30798</td>
<td>Autoclavable handle - spare</td>
<td>Autoclavable handle - spare</td>
</tr>
</tbody>
</table>

*Ceiling >3.34 m needs 30788

Light intensity at 1 m distance

- 100,000 Lux at 1 m
- 120,000 Lux at 1 m

*Since January 2018. 70,000 Lux up to December 2017
PRIMALED COLD LIGHT LAMP - 80,000 LUX AT 50 cm

PRIMALED COLD LIGHT LAMP WITH 9 LED LENSES

Appealing design and advanced technology.
- The round and ultra-flat shape of the light makes the product ergonomic and suitable for any type of installation, from the doctor’s surgery to the intensive-care unit.
- Ergo-Spring: the movement of the articulated tubular arm is servo-assisted by a torsion spring which ensures ease of movement and stability.

80,000 lux: unique performance with 80,000 lux at 50 cm.

- Light intensity adjustment: six different adjustment levels by the keys on the frontal panel.
- 4,500-5,000 °K Colour temperature selection: the comparison between the two colours (K) increases the visibility of details.
- Shadow suppression: the radial layout of the lenses and the large-diameter lamp (195 mm) allow shadow suppression and three-dimensional lighting.
- Adjustable courtesy-light: integrates ambient light with traditional concentrated light.

Sterilizable removable grip: allows best asepsis.

Cold light: the reduced emission of IR rays by the LEDs as well as the low power consumption allow minimum heat emission.

Disinfection: the smooth and rounded shape of the dome and structure make it easy to clean and disinfect.

50,000 hours LEDs life: the top aluminium dome allows heat exchange, thus reducing the working temperature and considerably increasing the life cycle of the single LEDs.

Fully certified: complies with IEC 60601-1 and 60601-1-2 general medical standards and to special standard IEC 60601-2-41 93/42 EEC and 2007/47 EC and is CE marked as a Class I medical device.

Mechanical testing and user safety: die-cast aluminium and tubular steel structure. The articulated arm has undergone mechanical testing for 40,000 continuous movements to ensure maximum safety for the user during use.

Light continuity: the modular design of the LED power circuit ensures light continuity even in case of a LED fault.

### GIMA code PRIMALED

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30777</td>
<td>Primaled light - trolley</td>
</tr>
<tr>
<td>30753</td>
<td>Primaled flex light - trolley</td>
</tr>
<tr>
<td>30778</td>
<td>Primaled light - ceiling (for ceiling 2.44 to 3.20 m)</td>
</tr>
<tr>
<td>49105</td>
<td>Special structure for high ceiling (&gt;3.20 m)</td>
</tr>
<tr>
<td>30784</td>
<td>Primaled light - wall</td>
</tr>
<tr>
<td>30786</td>
<td>Primaled light - rail (25x10) and clamp</td>
</tr>
<tr>
<td>30797</td>
<td>Autoclavable handle</td>
</tr>
</tbody>
</table>

Battery group available on request

**TECHNICAL SPECIFICATIONS**

- LED life: 50,000 hours
- Light intensity: 80,000 lux at 50 cm, 20,000 lux at 1 m
- Colour temperature: 4,500-5,000 °K
- Illuminated field at 50 cm: 140 mm
- External diameter of the reflector: 190 mm
- Temperature increase in the operating area at 1 m: 1°C
- Adjustable height with castors: 600 mm - max 1,600 mm
- Weight: 10 kg (trolley included) Made in Italy

### RI-MAGIC® HP LED LIGHT

- 49050 RI-MAGIC® HP LED - desk
- 49051 RI-MAGIC® HP LED - trolley
- 49052 RI-MAGIC® HP LED - wall

High performance medical LED light for examination and procedures.
- High performance, LED, 6,500 °K
- Lifetime of the lamp up to 50,000 hours
- Significantly reduced heating and energy loss
- Focusing device at the front of the light head
- Highly flexible, long special arm can be bent in all directions
- Rheostat handle for infinitely variable regulation of light intensity.

Manual in: GB, FR, IT, ES, DE, RU.

Made in Germany.

**TECHNICAL SPECIFICATIONS**

- Distance: 1,000 mm 800 mm 600 mm 400 mm 200 mm
- Lux max: 15,000 20,000 30,000 45,000 55,000
- Circle of light max Ø: 340 mm 270 mm 215 mm 155 mm 90 mm
- Circle of light min Ø: 40 mm 35 mm 30 mm 25 mm 20 mm
- Operating voltage: 100-240 V, 50-60 Hz

### MONOLED LED LIGHT

- 30715 MONOLED LED LIGHT - on trolley

High performance LED light for minor surgery and examination.
- Flexible arm and versatile use.
- Arm length 70 cm (35 cm flexible, 35 cm rigid).

Supplied on sturdy 5 castors stand for easy movability. Schuko plug.

Made in Italy.

**TECHNICAL SPECIFICATIONS**

- Consumption: 16 W
- Life of the bulbs: 30,000 hours
- Light intensity at 50 cm: 40,000 lux
- Colour temperature ± 5% at 1 m: 7,000 °K
- External Ø of the reflector: 120 mm
- Colour: cold white
- Weight: 11 kg
- Operating voltage: 175-250 V
- Operating Hz: 50/60 Hz
- Norms: EEC and 2007/47 EC and is CE marked as a Class I medical device.
### HALOGEN AND LED LIGHTS FOR EXAMINATION AND MINOR SURGERY

**WITH 2 BULBS**

**RIMSAL**

**40,000 LUX**

Electronic transformer integrated in the base with double safety fuse.

### Model Specifications

**Model**

- **30747 SOLESUD 2 on trolley - halogen**
  - Suitable for gynaecology, examination and head-bed.
  - Aluminium reflector equipped with 2 halogen dichroic bulbs, 20W 12V 10° IRC protected by a tempered glass, hermetically sealed against dust and liquid spray and with ergonomic handle for movement.
  - Bulbs switch on simultaneously and, in case one breaks, light is always assured.
  - Case one breaks, light is always assured.
  - A light beam of 180 mm diameter at a distance of 50 cm allows precise and reliable examinations.
  - bulbs, 20W 12V 10° IRC protected by a tempered glass.
  - Effective examinations and procedures in health-centres, clinics and hospitals.
  - Suitable also for veterinary examinations and procedures.
  - Low voltage and high definition, intense light. Flexible arm for versatile use.
  - Supplied on a sturdy 5 castors stand for easy movability.
  - Made in Italy.

- **30760 SIMPLEX on trolley - halogen**
  - Versatile lamp equipped with a halogen dichroic bulb 35W 12V placed inside the aluminium reflector and protected by a tempered glass.
  - Electronic transformer integrated in the base with lead retainer with spiral sheath for easier cleaning and disinfection.
  - Thanks to 3 independent light sources shadow can be reduced and provide a deep cylindrical light with highly reduced heat irradiation. Each LED integrates a resistance to ensure the continuous operation of the lamp even in the rare case of a LED fault. Other specifications as halogen model. Made in Italy.

- **30766 SPARE BULB SIMPLEX - IRC 35 W halogen**
  - As halogen model. Made in Italy.

- **30775 RAIL CONNECTION WITH CLAMP**
  - 2 halogen dichroic bulbs, 20W 12V 10° IRC protected by a tempered glass.

#### Model Characteristics

<table>
<thead>
<tr>
<th>Model</th>
<th>SOLESUD 2</th>
<th>SIMPLEX</th>
<th>LUXIFLEX</th>
<th>MINIMED 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of lighting</td>
<td>halogen</td>
<td>LED</td>
<td>halogen</td>
<td>LED</td>
</tr>
<tr>
<td>Consumption (Watt)</td>
<td>2x20</td>
<td>35</td>
<td>3x1.4</td>
<td>35</td>
</tr>
<tr>
<td>Life of the bulbs (hours)</td>
<td>5,000</td>
<td>5,000</td>
<td>50,000</td>
<td>5,000</td>
</tr>
<tr>
<td>Light intensity at 50 cm (lux)</td>
<td>40,000</td>
<td>30,000</td>
<td>35,000</td>
<td>50,000</td>
</tr>
<tr>
<td>Light intensity at 1 m (lux)</td>
<td>8,000</td>
<td>8,000</td>
<td>13,000</td>
<td>15,000</td>
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<tr>
<td>Colour temperature ± 5% at 1 m (K)</td>
<td>3,000</td>
<td>3,000</td>
<td>4,200</td>
<td>4,000</td>
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<tr>
<td>Light field size at 50 cm (Ø mm)</td>
<td>180</td>
<td>100</td>
<td>60</td>
<td>100</td>
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<tr>
<td>External Ø of the reflector (mm)</td>
<td>140</td>
<td>105</td>
<td>86</td>
<td>86</td>
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<tr>
<td>Colour</td>
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<td>white</td>
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<td>white</td>
</tr>
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<td>IEC Norms</td>
<td>60601-1</td>
<td>60601-1</td>
<td>60601-1</td>
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<td>Marks</td>
<td>CE 93/42</td>
<td>CE 2006/95</td>
<td>CE 93/42</td>
<td>CE 93/42</td>
</tr>
<tr>
<td>Weight (kg)</td>
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<td>5</td>
<td>5</td>
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<td>Operating voltage V</td>
<td>230</td>
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<td>100-230</td>
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<tr>
<td>Operating Hz</td>
<td>50/60</td>
<td>50/60</td>
<td>50/60</td>
<td>50/60</td>
</tr>
</tbody>
</table>

*minimum 50 pcs.*
MAGNIFYING FLUORESCENT COLD LIGHTS - 3 DIOPTRES

GIMANORD
Magnifying glass self-illuminating fluorescent cold light 3 dioptres (0.75X). Suggested for dermatology and whenever magnifying is required. It is equipped with a biconvex magnifying lens in optical glass Ø 120 mm. The cold fluorescent light allows prolonged use. Polycarbonate screen for protection of the light source. Available also with wall support. Medical device Class I.

**TECHNICAL SPECIFICATIONS**
- Type of lighting: fluorescent
- Consumption: 22 W
- Life of the bulbs: 6,000 hours
- Light intensity at 50 cm: 550 lux
- Colour temperature: 4,550 °K
- External diameter of the reflector: 230 mm
- Temperature increase at 1 m: 0 °C
- Norms: IEC-60601-2-41
- Marks: CE 93/42
- Weight: 7 kg
- Operating voltage: 220-240 V, 50 Hz
- Adjustment height with castors base: min-max 60-180 cm

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LED MAGNIFYING LAMP - 5 DIOPTRES

• 30737 LUPA LED MAGNIFYING LIGHT - trolley
• 30739 LUPA LED MAGNIFYING LIGHT - desk with clamp

Smartly designed cold light LED lamp with 5 dioptres magnification. Generates a light without shadow. 5 wheels base and articulated arm allow easy movement. Manual in GB, FR, IT, ES, PT, DE. Medical device Class I. Made in Europe.

**TECHNICAL SPECIFICATIONS**
- Type of light: 80 LED - HF 8 W
- Dioptres: 5
- Lens: Ø 12.7 cm
- Colour temperature: 6,500 °K
- Operating voltage: 230 V - 50 Hz
- Class I
- Electrical security: UNI EN 60601-1 (1990)
- Lamp life: 40,000 hours

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LED MAGNIFYING LAMP - 3 DIOPTRES

• 30736 DERMALED MAGNIFYING LAMP

Cold light LED lamp with 3 dioptres magnifying lens and brightness adjustment. It comes with a high stability 5 wheels base and an articulated arm for easy movement and fixing of the lamp. Made in China.

**TECHNICAL SPECIFICATIONS**
- Type of light: LED
- Voltage: 8 W
- Dioptres: 3 (large glass)
- Colour temperature: 8,000-9,000 °K
- Light intensity at 20 cm: 2,000 lux
- Operating voltage: 100-240 V - 50/60 Hz
- Net/Gross weight: 10-12 kg
MEDICAL LIGHTS

VISTA WOOD BLUE LIGHTS: TROLLEY AND MANUAL

- 31196 VISTA WOOD LAMP - handle
- 31197 VISTA WOOD LAMP - trolley
A Wood lamp is a diagnostic tool to diagnose the condition of skin. Different skin conditions under ultraviolet rays of the Wood lamp appear in different colours. These models have polished glass magnifying lens 10x6 cm - 3 dioptres. 9W special compact fluorescent tube at approximately 360 nm wavelength. Operating voltage: 230 V - 50 Hz. Manual in GB, FR, IT, ES, PT, DE. Made in Spain.
- 31201 FLUORESCENT TUBE 9W - spare for 31196-31197

WIRING DIAGRAM

MACRO LENS 12X

- 31155 SMARTPHONE MACRO LENS 12X
Macro lens 12X for allergists, dermatologists, phlebologists, aesthetic surgeries. Can be mounted on any smartphone to take magnified images. Supplied with clip compatible with any smartphone, 10x10 cm wipe and multilanguage manual (GB, FR, IT, ES, PT, DE, PL, GR).

ECONOMIC WOOD LAMP

- 31200 WOOD LAMP
Ultraviolet light for skin condition analysis. Size 30x21x7 cm. Made in China.
- 31202 FLUORESCENT TUBE - spare

POCKET WOOD LIGHT

- 31189 POCKET WOOD LIGHT
Pocket ultraviolet light, to detect skin disorders. Provided with replaceable fluorescent lamp. Power 6 V. Works with 4xAA batteries with 4-6 hours autonomy.
- 31190 FLUORESCENT TUBE - spare

DIGITAL Wi-Fi POLARISED DERMATOSCOPE, CAPILLAROSCOPE, MICROSCOPE

An innovative line of handheld colour digital microscopes: dermatoscope with polarized filter, capillaroscope and iridoscope with Wi-Fi wireless transmission. Small, easy to operate light and portable. They can be used with all the most popular smartphones, tablet and PC. Basic software for acquisition of photos, videos, measurements google/apple applications included. Designed in Italy, manufactured in China. Directive 93/43/CEE - Medical device Class I (only 32181 and 32183).

Dermatoscope Specifications
- Magnification: 5X to 200X
- Light source: 8 adjustable white LED
- Lens: High definition microscopy lens

Capillaroscope Specifications
- Magnification: 500X to 600X
- Light source: 8 adjustable white LED
- Lens: High definition microscopy lens

Microscope Specifications
- Magnification: 30X
- Light source: 2 adjustable white LED + 2 adjustable yellow LED
- Lens: High definition microscopy lens

Professional software available for creation of patient database, image comparison and medical referrals
- 32181 Wi-Fi DERMATOSCOPE with polarized filter
- 32182 PROFESSIONAL SOFTWARE for 32181
- 32183 Wi-Fi CAPILLAROSCOPE
- 32184 Wi-Fi MICROSCOPE
Advised for iris scanning

Standard Accessories
- Caps of contact (only for 32181)
- USB AC adapter
- USB cable
- Quick manual
- Plastic stand
- Line calibration ruler
- Manual (GB, FR, IT, ES, DE)
- CD basic software Win (GB, IT, ES, DE, PT, RU, BG, TH, JP, KR), Mac (GB)

Operation system
- Windows (XP and following), Mac (OSX 10.7 following), iOS, Android (it can be used by Wi-Fi or USB)

Photo and video resolution
- 1.3 M Pixels - 1280x1024 (MJPEG), 640x480 (MJPEG), 320x240
- 15 fps, 1,280x1,024, 30 fps 640x480 320x240
- Up to 5 m

Power consumption
- Max 2.5 W
- Continuous working time - approx. 2 hours, full charging time - approx. 2 hours
- DC 5.0V / 1A - Ø 36x142 mm - 88 g

TECHNICAL SPECIFICATIONS

CAMERA
- Camera sensor: CMOS 1/4"

PROFESSIONAL SOFTWARE
- Operation system: Windows XP and next Software language: GB, IT

SMARTPHONE not included