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LED LAMP  
FOR EXAMINATION  
AND MINOR SURGERY

**SOLED15**



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**SOLED15**

SOLED15 IS THE LED EXAMINATION LIGHT FOR DIAGNOSTICS, MINOR SURGERY AND UNIVERSAL APPLICATIONS. IT IS USED FOR INTENSIVE CARE, RECOVERY ROOM, FIRST AID, COSMETIC SURGERY AND DENTAL SECTOR.

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**SOLED15**

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**SOLED15** contains all the advantages of LED technology and is suitable for multipurpose uses thanks to its flexibility.

**It assures:**

- EXCELLENT LIGHT INTENSITY
- IR-FREE LIGHT BEAM
- COLOUR TEMPERATURE (CCT) OF 4,500 K
- COLOUR RENDERING INDEX (CRI) OF Ra 98 / R9-90 / R13-100
- LONG LIFE
- LOW POWER CONSUMPTION

The high technological level combined with the use of high-powered LEDs allow **SOLED15** to have a very linear yield and a negligible performance decay for its entire life duration. Thanks to the high efficiency achieved, **SOLED15** has a light intensity of 65.000 LUX (85.000 LUX with "Boost" function) and a low power consumption. The LEDs layout gives a visual comfort and produces a uniform, homogeneous and shadowless light.

The new "SEL" function allows the selection of single parts of the light beam and the activation of the desired LEDs in a sequential way according to the requirements and needs. "Boost" function or "brightness increase" is used to obtain a maximum light intensity in case of a wide light field. This approximate 20% increase deactivates automatically after 5 minutes.

**SOLED15** has a round shape that makes it handy and functional both in use and move. Its easy-to-move structure is suitable for diagnostics, test labs and dental surgery and its easy-to-grip handle is removable and sterilizable.

**SOLED15 can be supplied with ABPS** (optional), a rechargeable battery powered system, which supplies efficient light for every condition of use. The lamp supplies efficient light in particular use cases such as:

- in critical regions
- in emergency situations
- in case of sudden black-outs
- where light has great importance but electrical power supply is not available
- as a back-up lamp on field hospitals without UPS or power generators



## SOLED15 WITH ABPS BATTERY

- The lamp with ABPS has the same performance
- The structure which covers and protects the battery is made of resistant plastic
- The control panel on the structure allows managing: residual charge, type of power supply, recharge status and electrical power supply presence.



## SOLED15 CONTROL PANEL

**SOLED15** is provided with a touch panel to control all the functions of the lamp:

- **ON/OFF**
- **LIGHT INTENSITY ADJUSTMENT**
- **PARTS SELECTION (SEL)**
- **BRIGHTNESS INCREASE (BOOST)**



## TECHNICAL SHEET

Power supply input voltage	100-240 Vac - 50/60 Hz	Working distance	70 - 150 cm
Power consumption	24 VA	Light intensity adjustment	FROM 20% TO 100% STEPLESS
Protection class (EN 60601-1)	I	Light field diameter (d10/d50)	23/12 cm
Light head working voltage	24 Vdc	Depth of illumination L1 + L2	125 cm (at 20%), 98 cm (at 60%)
LED average life	60.000 HOURS ABOUT	Light head diameter / Weight	24 cm / 2.1 kg
Maximum light intensity, Ec	65.000 LUX @ 100 cm (85.000 LUX, with Boost @ 100 cm)	Handle	REMOVABLE AND STERILIZABLE
Colour Temperature, CCT	4.500 K	Colour	RAL 9002
Colour Rendering Index (Ra/R9/R13)	98/90/100		

E & O.E.

Note: All photometric values are subject to 10% tolerance. All data are according to reference Standard: EN 60601-2-41, at a distance of 100 cm.

## TECHNICAL FEATURES ABPS

Input voltage	100-240 Vac - 50/60 Hz	100-240 Vac - 50/60 Hz
Output voltage to light head	24 Vdc	24 Vdc
Protection class (EN 60601-1)	I	I
Battery number / Capacity	2 / 28 Ah	2 / 18 Ah
Autonomy when at max. power	24 HOURS ABOUT	10 HOURS ABOUT
Max. recharge time	8 HOURS ABOUT	4 HOURS ABOUT
ABPS total weight (Trolley included)	36 Kg	28 Kg

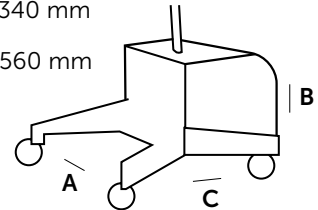
E & O.E.

### BATTERY DIMENSIONS

A = 560 mm

B = 340 mm

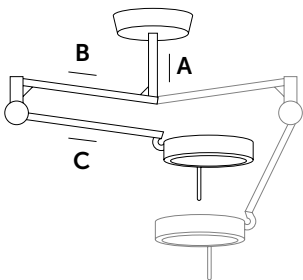
C = 560 mm



## SOLED15 IS AVAILABLE IN THE FOLLOWING CONFIGURATIONS

### CEILING MOUNTED

(Single, twin dome or in combination with SOLED15-F, ACEMSO15F and STARLED3 NX)

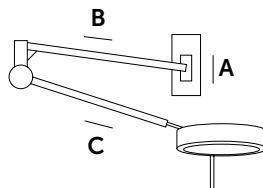


A = FROM 250 TO 1.100 mm

B = 800 mm

C = 720 mm

### WALL MOUNTED



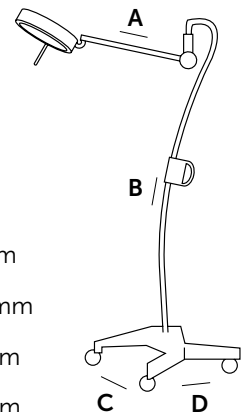
A = 240 mm

B = 800 mm

C = 720 mm

### TROLLEY MOUNTED

(ABPS battery on demand)



A = 720 mm

B = 1.750 mm

C = 560 mm

D = 560 mm

# SOLED15

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