



SOLED15



LED LAMP FOR EXAMINATION AND MINOR SURGERY

SOLED15

SOLED15 is the LED examination light for diagnostics, minor surgery and universal applications. It can be used for intensive care, recovery room, first aid, cosmetic surgery and dental sector. Soled15 supplements the Starled Series range of lamps manufactured by ACEM Medical Company.



SOLED15 contains all the advantages of LED technology and is suitable for multi-purpose 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 95
- 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.



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 removable and sterilizable handle makes it suitable even for critical sanitary applications.



SOLED15 is provided with an I-Sense® touch panel to control all the functions of the lamp:

- ON/OFF
- Light intensity adjustment
- Parts selection (SEL)
- Brightness increase (Boost)

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.

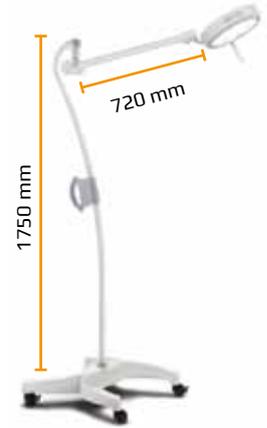
SOLED15 is available in the following versions



—● Ceiling mounted
(single or double configuration)



—● Wall mounted



—● Trolley mounted
(battery on demand)

TECHNICAL FEATURES

Product Class (EN 60601-2-41)	I
Power supply	100 – 240 VAC - 50/60 Hz
DC voltage	24 VDC
Power consumption	16 W
Power consumption with Boost function	22 W
Light source	LEDs
Average life	50.000 hrs about
Lighting at the centre, Ec @ 100 cm	65.000 Lux (85.000 Lux with Boost function)
Light adjustment	0% - 100%
Lighting area surface	63 cm ²
Colour temperature, CCT	4.500 °K
Colour rendering index, Ra	95
Index R ₉	> 90
Light field dimension d ₅₀ @ 100 cm	12 cm
Light field dimension d ₁₀ @ 100 cm	23 cm
Lighting depth L1 + L2 (20%)	125 cm
Lighting depth L1 + L2 (60%)	98 cm
Light head weight	2,1 Kg
Light head diameter	22 cm
Ceiling pole and arm weight	5,5 Kg – 8,5 Kg
Wall arm weight	4,8 Kg
Trolley weight	23 Kg
Handle	Removable and sterilizable
Colour	White RAL 9002

E. & O.E.



ACEM SpA
Medical Company Division
 Via della Tecnica 29 - 40050 Argelato
 Bologna – ITALY
 Ph +39 051 721844 Fax +39 051 721855
 info@acem.it www.acem.it



Acem Medical Company is a registered trademark of Acem S.p.A. All rights reserved
 ACEM reserves the right to modify the design and specifications contained herein without any prior notice.

Dep. SOLED15.EN rev.2016-01