



# SOLED<sup>®</sup>

LED LIGHT FOR EXAMINATION  
AND MINOR SURGERY





The high technological level combined with the use of high-powered LEDs allow SOLED to have a very linear yield and a negligible performance decay for its entire life duration.

Thanks to the high efficiency achieved, SOLED has a light intensity of 65.000 lux and a low power consumption (35W).

The LEDs layout gives a visual comfort and produces a uniform, homogeneous and shadowless light.

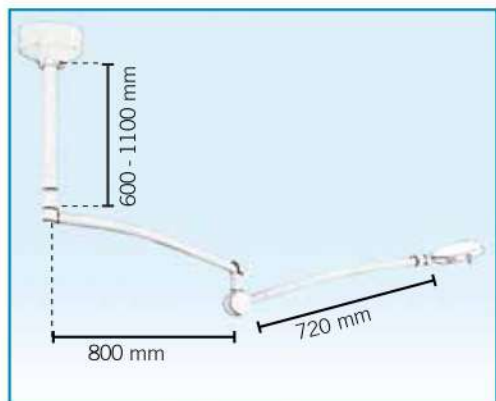
**SOLED** has a round shape that makes it handy and functional both in use and move.

Its easy-to-move structure is suitable for diagnostics, test labs and dental surgery too and its easy-to-grip removable and sterilizable handle makes it suitable even for critical sanitary applications.

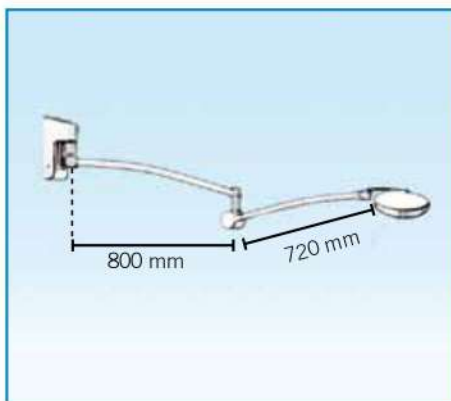


SOLED functions are controlled by an I-SENSE touch panel that regulates: ON/OFF, light intensity adjustment, light beam increase, light sharing (according to its destination of use LEDs can be partly selected to concentrate the light in the desired areas).

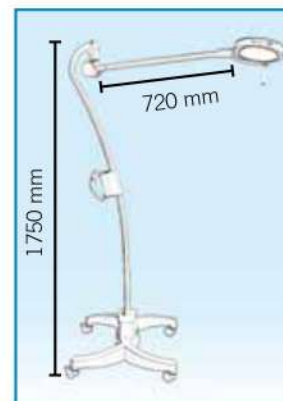
SOLED is available in the following versions



Ceiling mounted  
code CH/SOL/S



Wall mounted  
code CH/SOL/P



Trolley mounted  
code CH/SOL/T

### TECHNICAL FEATURES

Power supply	90 – 240 VAC - 50/60 Hz
DC voltage	24 VDC
Power consumption	35W
Product class (EN 60601-2-41)	I
Light source	LEDs
Led average life	50.000 hrs about
Lighting at the centre, Ec @ 100 cm	65.000 lux
Light adjustment	from 100% to 10%
Colour temperature, CCT	4.900 °K
Colour rendering index, Ra	95
Temperature increase on patient	1°C about
Light field dimension d50 @ 100 cm	10 cm
Light field dimension d10 @ 100 cm	19 cm
Lighting depth L1+L2	98 cm
Light head weight	1,5 Kg
Light head diameter	22 cm
Ceiling pole and arm weight	5,5 Kg – 8 Kg
Wall arm weight	4,8 Kg
Trolley weight	17 Kg
Handle	Removable and sterilizable
Painting	White RAL 9002

E. & O.



**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

COMPANY WITH QUALITY MANAGEMENT  
SYSTEM CERTIFIED BY DNV  
= ISO 9001:2008 =

COMPANY WITH QUALITY MANAGEMENT  
SYSTEM CERTIFIED BY DNV  
= ISO 13485:2003 =

Acem Medical Company is a registered trademark of Acem S.p.A. All rights reserved

Dépliants SOLED 04/12

ACEM reserves the right to modify the design and specifications contained herein without any prior notice.