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FOCUSABLE LED LAMP  
FOR EXAMINATION  
AND MINOR SURGERY

**ACEMSO15F**



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**ACEMSO15F**

IS THE FOCUSABLE LED EXAMINATION LIGHT FOR DIAGNOSTICS, MINOR SURGERY AND UNIVERSAL APPLICATIONS THAT CAN BE USED FOR MINOR PRECISION SURGERY, INTENSIVE CARE, RECOVERY ROOM, FIRST AID, COSMETIC SURGERY AND DENTAL APPLICATIONS.

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**ACEMSO15F**

**ACEMSO15F** contains all the advantages of LED technology and is suitable for multipurpose uses thanks to its flexibility.

**The lamp assures:**

- EXCELLENT LIGHT INTENSITY 110,000 LUX
- IR-FREE LIGHT BEAM
- LIGHT BEAM FOCUSING
- COLOUR TEMPERATURE (CCT) OF 4,500 K
- COLOUR RENDERING INDEX (CRI) OF Ra 98/ R9-90 / R13-100
- LONG LIFE
- LOW POWER CONSUMPTION

**ACEMSO15F** has a light intensity of 110,000 LUX and a low power consumption. The LEDs layout gives a visual comfort and produces a uniform, homogeneous and shadowless light.

**ACEMSO15F** grants a uniform distribution of light and can focus the light beam with a perfect illumination both on the surface and in depth providing the operator with the best working conditions.

**ACEMSO15F** 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.

**ACEMSO15F can be supplied with ABPS** (optional), a rechargeable battery powered system which supplies efficient light for every condition of use:

- emergency situations
- critical regions
- humanitarian interventions
- case of sudden black-outs
- no electrical power supply
- field hospitals without UPS or power generators



## ACEMSO15F 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.



## ACEMSO15F CONTROL PANEL

**ACEMSO15F** is provided with a touch panel to control all the functions of the lamp:

- **ON/OFF**
- **LIGHT INTENSITY ADJUSTMENT**
- **LIGHT BEAM FOCUSING**



## TECHNICAL SHEET

Power supply input voltage	100-240 Vac - 50/60 Hz	Working distance	70 - 150 cm
Power consumption	25 VA	Light intensity adjustment	FROM 20% TO 100% Stepless
Protection class (EN 60601-1)	I	Light field diameter (d10/d50)	Small spot 22/12 cm Large spot 32/16 cm
Light head working voltage	24 Vdc	Depth of illumination L1 + L2	Small spot 130 cm (at 20%), 118 cm (at 60%) Large spot 143 cm (at 20%), 125 cm (at 60%)
LED average life	60.000 HOURS ABOUT	Light head diameter / Weight	24 cm / 2,1 kg
Maximum light intensity, Ec	Small spot 110.000 LUX Large spot 75.000 LUX	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

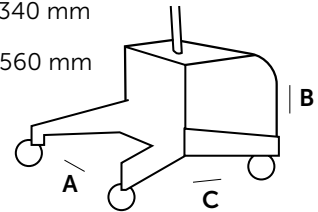
E. & O.E.

### BATTERY DIMENSIONS

A = 560 mm

B = 340 mm

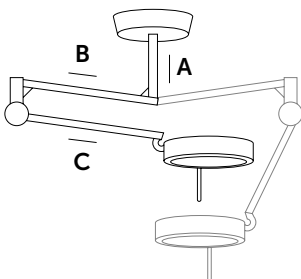
C = 560 mm



## ACEMSO15F IS AVAILABLE IN THE FOLLOWING CONFIGURATIONS

### CEILING MOUNTED

(single, twin dome or in combination with SOLED15, SOLED15-F, STARLED3NX)

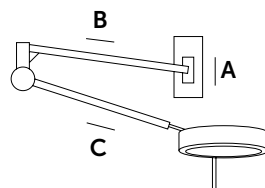


A = FROM 250 TO 1.100 mm

B = 800 mm

C = 720 mm

### WALL MOUNTED



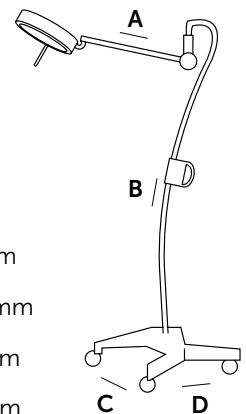
A = 240 mm

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

# ACEMSO15F

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Management  
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ISO 9001:2015



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