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FOCUSABLE LED LAMP  
FOR EXAMINATION  
AND MINOR SURGERY

**ACEMSO15F**



## 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.



ACEMSO15F

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

**The lamp assures:**

- LIGHT INTENSITY 110,000 LUX
- IR-FREE LIGHT BEAM
- LIGHT BEAM FOCUSING
- COLOUR TEMPERATURE (CCT) OF 4,500 K
- COLOUR RENDERING INDEX (CRI) OF 97
- LONG LIFE
- LOW POWER CONSUMPTION

**ACEMSO15F** has a light intensity of 110,000 LUX and a low power consumption (25 W). 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 DATA SHEET

Class (EN 60601-2-41)	I	Index R <sub>g</sub>	93
Input voltage	100 - 240 Vac - 50/60 Hz	Light field dimension	22 - 32 cm
DC Voltage	24 Vdc	Focusable working distance	70 - 150 cm
Power consumption	25 W	Lighting depth L1 + L2 (20%) / (60%)	143 cm   125 cm
Light source	LEDs	Light head weight	2.1 Kg
Led average life	60,000 h ABOUT	Light head diameter	24 cm
Lighting at the centre, Ec @ 100 cm	110,000 LUX MAX	Ceiling pole and arm weight single   double	7.5 - 10.5 Kg   14.5 - 17.5 Kg
Light adjustment	FROM 0% TO 100%	Wall arm weight	7 Kg
Lighting area surface	63 cm <sup>2</sup>	Trolley weight	25 Kg
Colour temperature, CCT	4,500 K	Handle	REMOVABLE AND STERILIZABLE
Colour rendering index, Ra	97	Colour	White RAL 9002 - Grey RAL 7012

E & O.E.

## ABPS TECHNICAL DATA SHEET

Class (EN 60601-1)	I	I
Battery	28 Ah	12 Ah
Input voltage	100-240 Vac - 50/60 Hz	100-240 Vac - 50/60 Hz
Output voltage	24 Vdc	24 Vdc
Autonomy when at max. power	24 h	10 h
Max. recharge time	8 h	4 h
Trolley base weight with battery	36 Kg	25 Kg

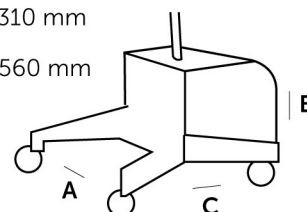
E & O.E.

### BATTERY DIMENSIONS

A = 560 mm

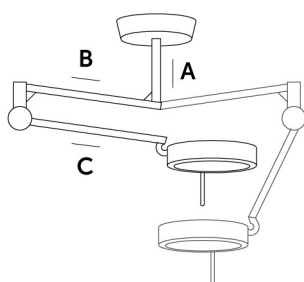
B = 310 mm

C = 560 mm



## ACEMSO15F IS AVAILABLE IN THE FOLLOWING VERSIONS

### CEILING MOUNTED (single or double configuration)

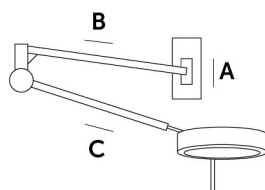


A = FROM 250 TO 1,100 mm

B = 800 mm

C = 720 mm

### WALL MOUNTED

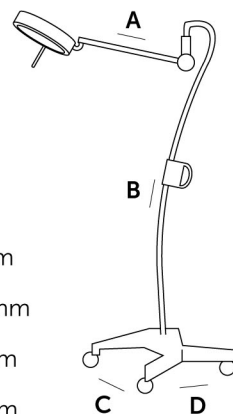


A = 240 mm

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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