![ACEM logo]

MEDICAL LED LAMP

ACEMST1

ACEMST1

IS THE NEW LED LIGHT MANUFACTURED BY ACEM SUITABLE FOR SEVERAL MEDICAL SPECIALTIES: DERMATOLOGY, GENERAL MEDICINE, GYNECOLOGY, DENTISTRY. IT IS ADAPTABLE FOR UNIVERSAL APPLICATIONS AND ITS ILLUMINATION IS PERFECT FOR EACH KIND OF EXAMINATION; IT IS IDEAL FOR DIAGNOSTICS, COSMETIC MEDICINE, FIRST AID, RECOVERY ROOM AND AS BED HEAD LIGHT. **ACEMST1** IS AVAILABLE IN DIFFERENT COLOURS ACCORDING TO TASTES AND FIELD OF APPLICATION.

ACEMST1

ACEMST1 contains all the advantages of LED technology and is suitable for multipurpose uses thanks to its flexibility.
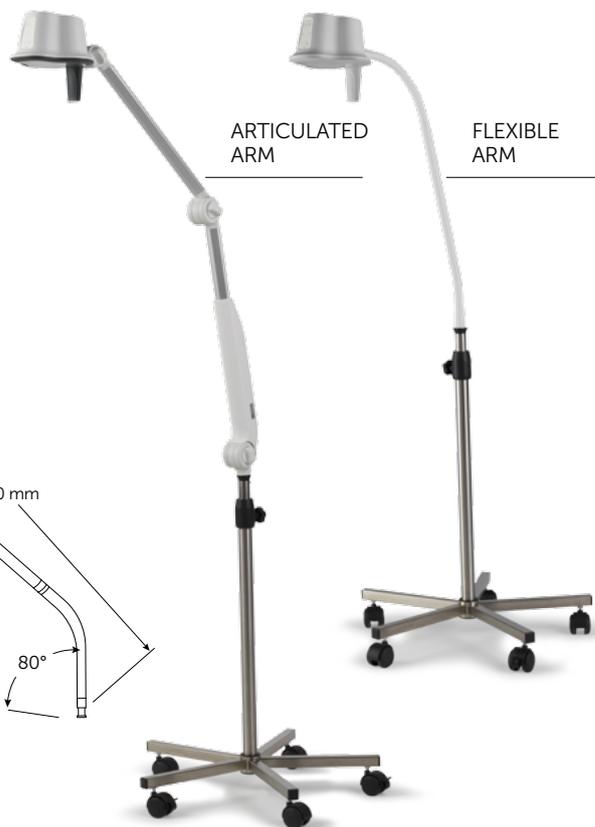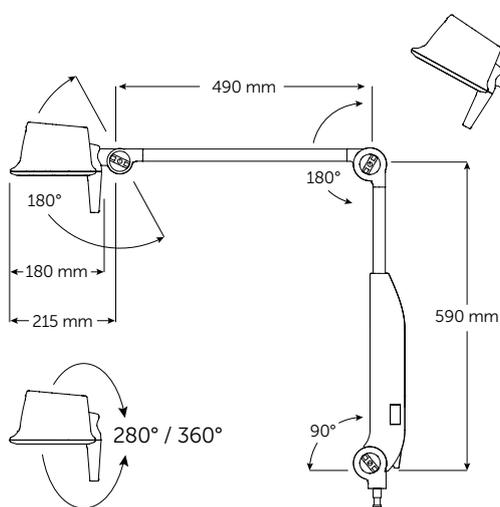**The lamp assures:**
- HIGH LIGHT INTENSITY
- IR-FREE LIGHT BEAM
- VARIABLE COLOUR TEMPERATURE (CCT)
- HIGH COLOUR RENDERING INDEX (CRI)
- LONG LIFE
- LOW POWER CONSUMPTION

ACEMST1 has a compact and functional design.
The lamp:

- has a smooth easy-to-clean and disinfect surface to assure an excellent cleanliness
- is easy to move and its double balancing system assures stability and accuracy for the whole time of use once positioned
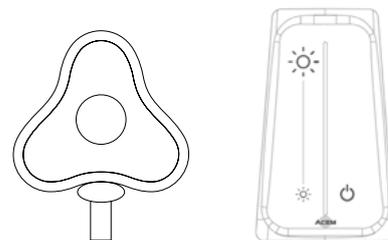- has a wide rotation and movement range

ARTICULATED ARM

FLEXIBLE ARM

490 mm
180°
180 mm
215 mm
180°
90°
820 mm
590 mm
90°
80°
280° / 360°

According to needs, the lamp is available in two versions:

ACEMST1.1
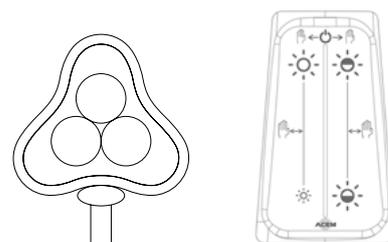
The touch panel controls all the functions of the lamp
- On / Off
- Light intensity adjustment

ACEMST1.3

Through touch control panel (or **Gesture Control** mode) it is possible to manage all the functions of the lamp:
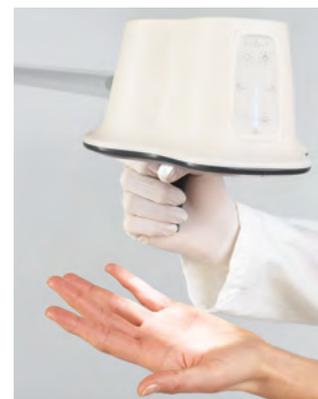- On / Off
- Light intensity adjustment (stepless)
- Colour temperature adjustment (stepless)

COLOUR TEMPER.: **3,000 K**

COLOUR TEMPER.: **4,200 K**

COLOUR TEMPER.: **5,500 K**

TECHNICAL DATA SHEET

ACEMST1.1

Voltage	100-240 Vac - 50/60 Hz
Power consumption	10 VA
Maximum light intensity	18,000 LUX @ 100 cm 60,000 LUX @ 50 cm
Light adjustment	20% - 100%
Light field diameter (d10)	26 cm
Colour temperature, CCT	4,300 K
Colour rendering index (Ra/R9)	98/90
LED average life	60,000 HOURS ABOUT
Light head diameter	18 cm
Light head and arm weight	2 Kg
Product class (EN 60601-2-41)	I (ceiling configuration) II (all other configurations)

ACEMST1.3

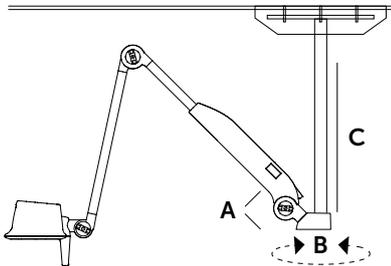|	
Voltage	100-240 Vac - 50/60 Hz
Power consumption	12 VA
Maximum light intensity	30,000 LUX @ 100 cm 100,000 LUX @ 50 cm
Light adjustment	20% - 100%
Light field diameter (d10)	26 cm
Colour temperature, CCT	FROM 3,000 K TO 5,500 K
Colour rendering index (Ra/R9)	98/90
LED average life	60,000 HOURS ABOUT
Light head diameter	18 cm
Light head and arm weight	2 Kg
Product class (EN 60601-2-41)	I (ceiling configuration) II (all other configurations)

E. & O.E.

Available colours for both versions:

☐ White RAL 9010 ■ Green RAL 6019 ■ Light blue RAL 5024 ■ Rose RAL 4003 ■ Light grey RAL 7035 ■ Dark grey RAL 7016

Data according to Standard EN 60601-2-41:2009. Note: all photometric values are subject to 5% tolerance.
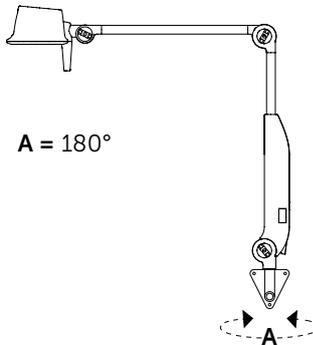
ACEMST1 IS AVAILABLE IN THE FOLLOWING CONFIGURATIONS

A = 90° (±45°)   B = 360°
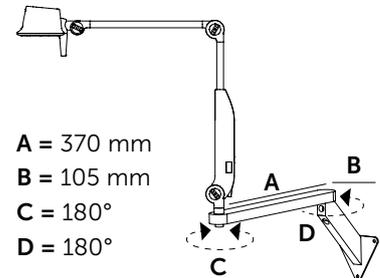C = FROM 250 mm TO 1,100 mm

CEILING MOUNTED*
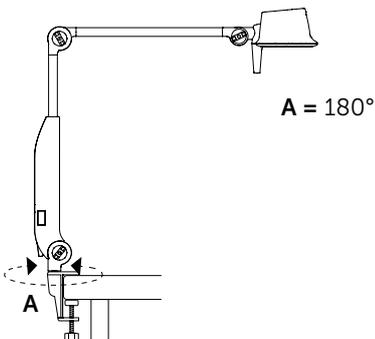Weight of support 3.0 - 6.0 kg

A = 180°

WALL MOUNTED
Weight of support 0.4 kg

A = 370 mm
B = 105 mm
C = 180°
D = 180°

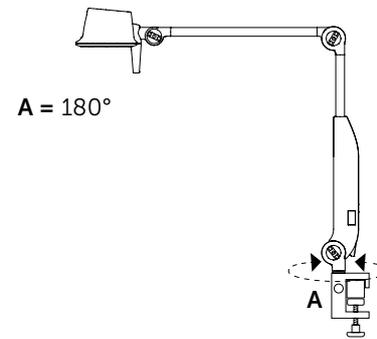### WALL EXTENSION ARM
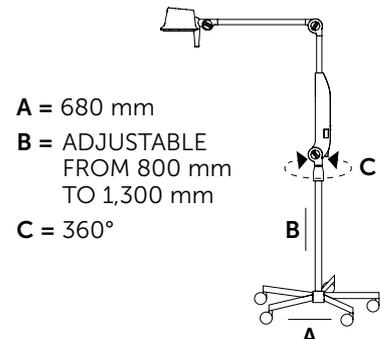Weight of support 1.6 kg

A = 180°

TABLE MOUNTED
Weight of support 0.25 kg

A = 180°

RAIL MOUNTED
Weight of support 0.25 kg

A = 680 mm
B = ADJUSTABLE FROM 800 mm TO 1,300 mm
C = 360°

TROLLEY MOUNTED
Weight of support 5 kg

* Only for articulated arm version. All other configurations are available for articulated or flexible arm.

ACEM**ST1**

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