



AEL-100

MEDICAL EXAM LIGHT IN ALLTION QUALITY

ALLTION AEL-100 LED MEDICAL EXAM LIGHT

HIGHER FIDELITY, MORE FLEXIBILITY AND POSSIBILITIES STATIONARY AND
YET FLEXIBLE, BRIGHT AND YET HOMOGENEOUS

ALLTION[®]
CE FDA ISO

AEL-100

IDEAL FOR USE IN WIDE RANGE OF APPLICATIONS



ENT



Plastic surgery



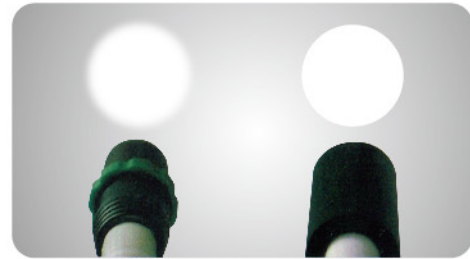
GYN



Outpatient surgery

BRIGHTER, COST SAVINGS AND LESS WASTE

- 1 white 3W LED, typical light output and pinpoint accuracy.
- Life time up to 50,000 hours. High Illuminance 70,000 Lux at 200MM working distance.
- Less energy consumption.
- No bulb replacement.



Conventional LED

ALLTION LED



AUTHENTIC COLOR RENDERING

- The light is more pleasant to the eye.
- Excellent color rendering. The illuminated area appears natural and contrasted.

Distance	200mm	300mm	400mm	500mm	600mm	800mm	1000mm
Lux max	70,000	30,000	15,000	9,500	6,500	3,500	2,300
Circle of light maxΦ	45mm	65mm	90mm	110mm	135mm	190mm	220mm
Circle of light minΦ	15mm	18mm	20mm	25mm	27mm	35mm	43mm



ADJUSTABLE SPOT SIZE

- Spot size can be adjusted in a diameter between 15mm to 220mm to suit any situation at wide-range working distance 200mm to 1000mm.
- Easy to clean.



Family



Dermatology



Outdoors



Gynecology and Obstetrics



Emergency rooms

FLEXIBLE GOOSE NECK

- Extremely flexible goose neck can be fixed in the chosen position and stopped accurately without spring back.
- Two-segment goose neck design could be bent radius to any angle and in all directions.



ONE-HAND OPERATION HANDLE PANEL

- Akimbo-style handle highlights at a glance, convenient to operate whatever pushing, pulling or rotating only by one hand.
- The prominent brightness adjustment knob and touchable black On/Off are humanized designed and assembled on the handle panel.

A VARIETY OF MOUNTING OPTIONS AVAILABLE

- Mobile stand. Easily to be moved due to 5 low friction lockable universal castors.
- Wall mount. Quickly to be mounted on conventional walls.
- Table Mount. Simply to be mounted through universal clamp.
- Pole Mount. Flexible clamping at any suitable space circular pole, adjustable clamping diameter (Φ 25- Φ 40 mm)



Pole Mount

DC POWER SUPPLY AND EASY ASSEMBLY

- Optional DC power supply. With DC5V power adapter (Providing US, European, British, and other international plugs). Can use reliable DC5V power bank for supplying.
- The prominent brightness adjustment knob and touchable black On/Off are humanized designed and assembled on the handle panel.

Technical Parameters

Light Specifications	LED	1 White 3W LED
	Life Time	50,000 hours
	Color Temperature	5,300K
	Spot Diameter Adjustable @ Working Distance 200mm	15-45mm
	Illuminance @ Working Distance 200mm	70,000lux
Physical Dimensions	Goose Neck Length	1000mm
	Stand Pole Height	700mm
	Base Diameter	500mm
	Gross Weight	6KGS
	Net Weight	3.5KGS
	Package Measurement	86×61×16(cm)
Electrical	Voltage	DC 5V
	Power	5W
	Power Cable	5.5×2.1mm
	Adapter	Input : AC100-240V ~ 50Hz/Hz Output : DC 5V
Misc Data	Mounting Options	Mobile Stand,Table / Wall / Pole Mount
	Kind of Extension	Goose Neck
	Warranty	2 Years
	Usage Environment	5°C-40°C , 30%-80%RH,860hpa-1060hpa
	Storage Environment	-5°C-40°C , 30%-80%RH,860hpa-1060hpa

Alltion reserve the right to change specification without notice.

ALLTION[®]

MICROSCOPES ARE OUR BUSINESS & SERVICE IS OUR PRIDE

Alltion (Guangxi) Instrument Co.,Ltd.

Alltion (Wuzhou) Co.,Ltd.

Alltion Building,NO.10,3RD.Road,Wuzhou Industrial Park,Wuzhou,Guangxi,China 543000

Tel: 0774-2836101,2836102

Fax: 0774-2836192

Email:sales@alltion.com or sales@alltion-microscope.com

Web site:www.alltion.com or www.alltion-microscope.com

Printed in January 2018