

ISO 9001 : 2000 CERTIFIED

asco

S I N C E : 1 9 4 8



Eco-Bright Series
Operation & Examination Lamps, LED
New Energy Saving Era

Cat # LED 09

Apothecaries Sundries Manufacturing Company” (ASCO) an ISO 9001:2000 certified company was founded in year 1948 and has since been developing and marketing various Medical and Surgical equipment. With its zest to achieve latest innovations in technology and fulfilling wide variety of customer's requirement it has developed a wide range of Operating and Examination Lamps and other medical equipment to meet broad spectrum of customer's requirements.

The Company has already secured for itself a position of reliability and prominence as makers of high quality products of international Standards.

The Company has the required infrastructure and all the testing facilities to ensure that the best quality products are provided to the customer. While most of the products are CE certified, a few are also FDA (USA) Listed. Also the company holds WHO GMP Compliance, in addition to ISO 9001 and ISO 13485 certification. The company has been recognized as One Star Export House, based on its export performance by Government of India.

Worldwide patronage : There is practically no country of the world where 'ASCO' products have not found way at one time or the other, either direct or through re-exports by our customers. At present, 'ASCO' products are being exported to over forty countries.

Meeting individual requirements : Every order, howsoever big or small is complied within accordance with individual requirement.

Twin Passion : Commitment to quality as well as holding the priceline is the twin passion with 'ASCO'

Assets : Ever growing clientele and excellent reference-both bank & trade-are our assets we feel justly proud of.

LED lights offers various advantages over use of other forms of light sources.

Energy saving

LED light has very high conversion efficiency, and consumes much lesser electricity as compared to traditional halogen or incandescent bulbs.

Efficiency

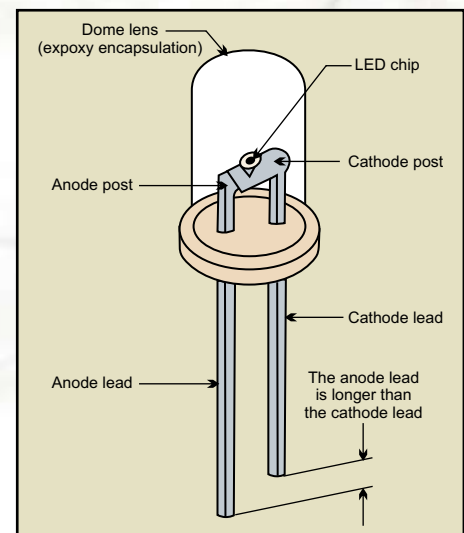
While the standard bulbs starts loosing efficiency from its stage of use, the high powered LED have a very linear yield and negligible performance decay for their life duration

Cold light

The light produced by LED is without infrared rays and therefore without heat

Long life

LED are semiconductors. For this reason its has an average life time several times more than normal bulbs



CEILING SHADOWLESS SURGICAL OPERATING LAMP LED



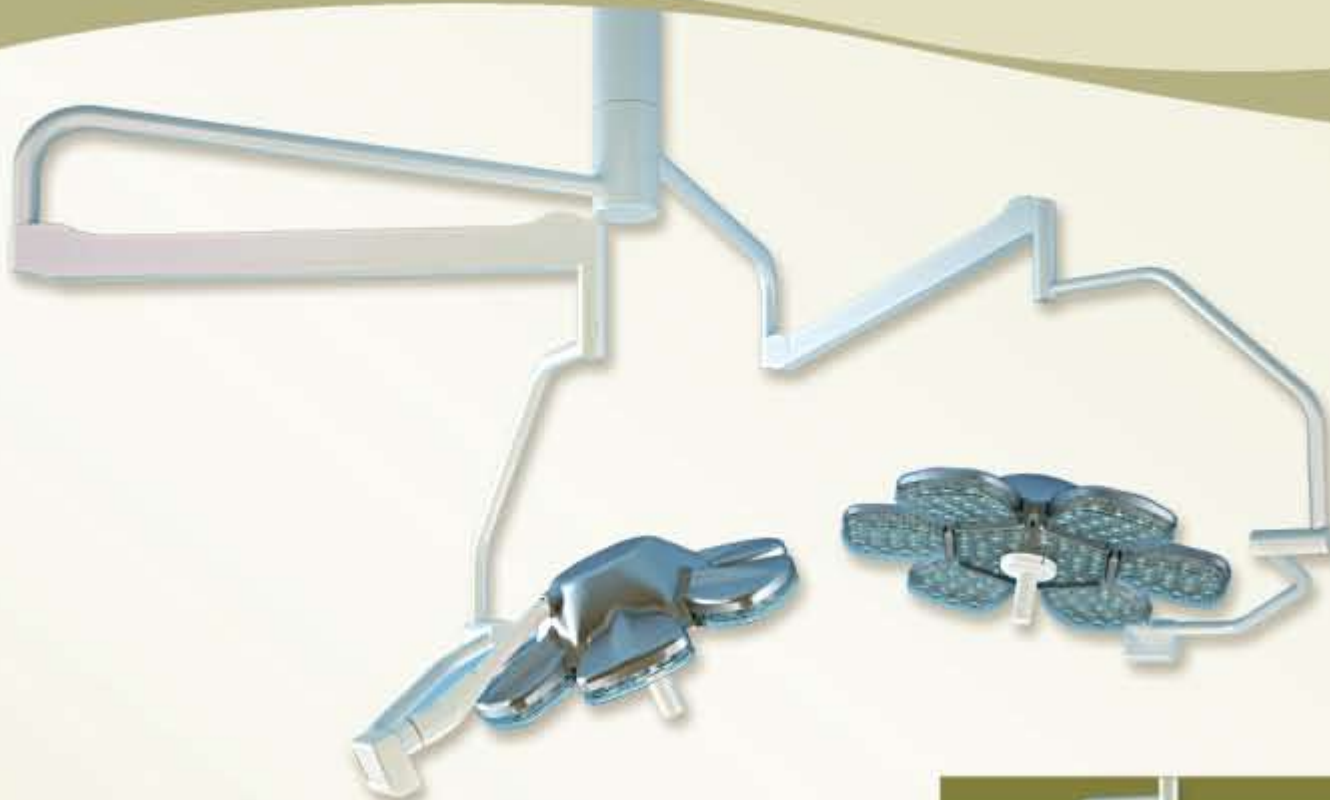
CSL 4001
 Ceiling Shadowless
 Surgical Operating Lamp LED,
 single arm

Intensity (maximum)	110,000 Lux approx
Light Field Diameter	150mm ~ 300mm
Color temperature	4300 k \pm 10%
Bulb type	LED 3W/pc
Power supply	AC 220V, 50 Hz



CSL 4002
 Ceiling Shadowless
 Surgical Operating Lamp LED,
 dual arms

Intensity (maximum)	150,000 Lux approx
Light Field Diameter	150mm ~ 300mm
Color temperature	4300 k \pm 10%
Bulb type	High intensity LED 3W/pc
Power supply	AC 220V, 50 Hz



Ceiling Shadowless
Surgical Operating Lamp LED

Technical Specification

Cat No.→	CSL4012A	CSL4012B	CSL4012C	CSL4012D	CSL4012E
No. of domes	2	2	2	1	1
Dome diameter (mm)	750 + 750	750 + 550	550 + 550	750	550
Lux Intensity (maximum), approx	130,000 + 130,000	130,000 + 65,000	65,000 + 65,000	130,000	65,000
Light Field Diameter (mm)	170 ± 40	170 ± 40	170 ± 40	170 ± 40	170 ± 40
Color temperature	4300 ± 300	4300 ± 300	4300 ± 300	4300 ± 300	4300 ± 300
Bulb type	High intensity LED	High intensity LED	High intensity LED	High intensity LED	High intensity LED
Power supply	AC 220V, 50 Hz	AC 220V, 50 Hz	AC 220V, 50 Hz	AC 220V, 50 Hz	AC 220V, 50 Hz



MOBILE SHADOWLESS SURGICAL OPERATING LAMP

MLL 4001

Mobile Shadowless
Surgical Operating Lamp

Intensity (maximum)	50,000 Lux approx
Light Field Diameter	150mm ~ 300mm
Color temperature	4300 k \pm 10%
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz



MLL 4001B

Mobile Shadowless
Surgical Operating Lamp

Intensity (maximum)	50,000 Lux approx
Light Field Diameter	150mm ~ 300mm
Color temperature	4300 k \pm 10%
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz
Battery Backup	Rechargeable Battery backup for upto 4 hours



MLL 4002

Mobile Shadowless
Surgical Operating Lamp

Intensity (maximum)	22,000 Lux approx
Light Field Diameter	80mm ~ 120mm
Color temperature	3000 K ~ 5500 K
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz

MLL 4002B

Mobile Shadowless
Surgical Operating Lamp

Intensity (maximum)	22,000 Lux approx
Light Field Diameter	80mm ~ 120mm
Color temperature	3000 K ~ 5500 K
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz
Battery Backup	Rechargeable Battery backup for upto 4 hours





MLL 4003

Mobile Examination Lamp LED

Intensity (maximum)	20,000 Lux approx
Light Field Diameter	80mm ~ 250mm
Color temperature	3000 K ~ 5500 K
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz



MLL 4005

Mobile Examination Lamp LED

Intensity (maximum)	3,000 Lux approx
Light Field Diameter	80mm ~ 120mm
Color temperature	3000 K ~ 5500 K
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz



MLL 4007

Mobile Examination Lamp LED

Intensity (maximum)	20,000 Lux approx
Light Field Diameter	80mm ~ 150mm
Color temperature	3000 K ~ 5500 K
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz



MLL 4006

Mobile Examination Lamp LED

Intensity (maximum)	12,000 Lux approx
Light Field Diameter	80mm ~ 120mm
Color temperature	3000 K ~ 5500 K
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz





MLL 4010

Wall Mounted Examination Lamp LED

Intensity (maximum)	3,000 Lux approx
Light Field Diameter	80mm ~ 150mm
Color temperature	3000 K ~ 5500 K
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz



MLL 4011

Wall Mounted Examination Lamp LED

Intensity (maximum)	12,000 Lux approx
Light Field Diameter	80mm ~ 150mm
Color temperature	3000 K ~ 5500 K
Bulb type	High intensity LED
Power supply	AC 220V, 50 Hz

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TERMS & CONDITIONS

- All sizes, dimensions, values etc. in this catalogue are approximate. We reserve the right to upgrade / improve / alter the specifications of our products without notice.
- We reserve the right to supply different colour/design than those shown in the catalogue, which depends on the availability and trend of raw material at the time of supply.
- Use of all our products is restricted to professionals who are qualified and trained to use them. We are not responsible for any damages which may occur due to improper or unauthorized use. In case of malfunctioning of the product, the company's liability is limited to the maximum extent of the cost of equipment.
- It is users responsibility to keep the products and packing away from the reach of unauthorised people, children and animals and dispose them off in an environment friendly manner
- All transactions shall be governed by jurisdiction under Delhi courts.
- You must keep proper record of your sales. This will assist product re-calls (if required)
- All orders are accepted subject to existence of conditions that enable smooth compliance. No liability shall lie against us or any of our representatives, if any orders, remain uncomplied with or partially complied with or delayed compliance for reasons beyond our control.

International Quality Products



**WHO
GMP**
COMPLIANT

ISO
13485:2003
CERTIFIED

ISO
9001:2000
CERTIFIED

**FDA
USA**
LISTINGS



Government of India recognised

"STAR EXPORT HOUSE"

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