



ESLD/S Line

*Economic LED
Operating Lamps*



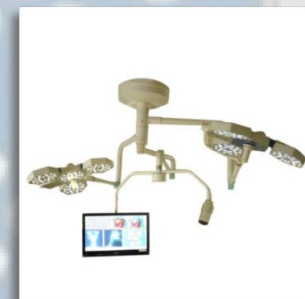
- Ceiling config.
- Hexagonal heads
- Single/Double Head



- Mobile config.
- Hexagonal heads
- Single Head
- With or without back-up battery



- Ceiling/Mobile or Wall-mounted
- Round head
- Single Head



- Ceiling config.
- Hexagonal heads
- Double Head
- Equipped with CCD camera and LCD color monitor

OPERATING THEATRE



ESLD/S Line

LED surgical shadowless lamps

Our shadowless lamp use LED chip as the light source, with high colour rendering, high concentration, low glare, low electromagnetic interference, long using life etc. It's a new energy efficiency and environmental protection product to replace the traditional operation lamps.

- New LED chip as cold light source that improve doctor's working environment and efficiency.
- LED surgical light has the significant energy-saving effect, the consumed energy is only 1/10 of the normal incandescent lamp and 1/2 of the halogen lamp under the same brightness.
- With the digital control system, the storable brightness can be stepless adjusted and colour temperature available to adjust between 3500 to 5000k. It helps doctor to accurately identify each organ.
- The LED light has 50 multiples longer using life than a normal halogen bulb. It helps to avoid the trouble of changing bulb during operation and reduce the total cost.
- Evenly illumination, high shadowless rate, high definition, the emitting light without ray and UV, help doctor to relieve vision tiredness during long-time operation.

Cod. **ESLD/S-0505**

5+5 lighting units – Ceiling config.



Double head	Illumination(lux)
5+5 lighting units	160000+160000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	85 KG
Backup Battery	Optional

Cod. **ESLD/S-0504**

5+4 lighting units – Ceiling config.



Double head	Illumination(lux)
5+4 lighting units	160000+140000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	82 KG
Backup Battery	Optional

Cod. **ESLD/S-0503**

5+3 lighting units – Ceiling config.



Double head	Illumination(lux)
5+3 lighting units	160000+120000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	80 KG
Backup Battery	Optional



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LED surgical shadowless lamps



Hexagonal heads models

Cod. **ESLD/S-0404**

4+4 lighting units – Ceiling config.



Double head	Illumination(lux)
4+4 lighting units	140000+140000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	80 KG
Backup Battery	Optional

Cod. **ESLD/S-0403**

4+3 lighting units – Ceiling config.



Double head	Illumination(lux)
4+3 lighting units	140000+120000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	77 KG
Backup Battery	Optional

Cod. **ESLD/S-0303**

3+3 lighting units – Ceiling config.



Double head	Illumination(lux)
3+3 lighting units	120000+120000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	75 KG
Backup Battery	Optional



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LED surgical shadowless lamps

Hexagonal heads models

Cod. **ESLD/S-05**

5 lighting units – Ceiling config.



Single head	Illumination(lux)
5 lighting units	160000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W/12V
Package size	830 x 680 x 480mm
Net weight	56 KG
Backup Battery (12V)	Optional

Cod. **ESLD/S-04**

4 lighting units – Ceiling config.



Single head	Illumination(lux)
4 lighting units	140000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W/12V
Package size	830 x 680 x 480mm
Net weight	53 KG
Backup Battery (12V)	Optional

Cod. **ESLD/S-03**

3 lighting units – Ceiling config.



Single head	Illumination(lux)
3 lighting units	120000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W/12V
Package size	830 x 680 x 480mm
Net weight	50 KG
Backup Battery (12V)	Optional

ESLD/S Line

LED surgical shadowless lamps



Hexagonal heads models

Cod. ESLD/S-05MB

5 lighting units – Mobile config.



Single head	Illumination(lux)
5 lighting units	160000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W/12V
Package size	1500 x 500 x 600mm
Net weight	54 KG
Backup Battery (12V)	Included
Model without B.up Battery	ESLD/S-05M

Cod. ESLD/S-04MB

4 lighting units – Mobile config.



Single head	Illumination(lux)
4 lighting units	140000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W/12V
Package size	800 x 5000 x 800mm
Net weight	50 KG
Backup Battery (12V)	Included
Model without B.up Battery	ESLD/S-04M

Cod. ESLD/S-03MB

3 lighting units – Mobile config.



Single head	Illumination(lux)
3 lighting units	120000
Color Temperature	3500-5000k
Diameter of Spot	150-300mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	150W/12V
Package size	800 x 5000 x 800mm
Net weight	48 KG
Backup Battery (12V)	Included
Model without B.up Battery	ESLD/S-03M



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Round head models

Cod. ESLD-01R

1 round lighting unit – Ceiling config.



Single head 1 lighting unit	Illumination(lux) 60000
Color Temperature	3500-5000k
Diameter of Spot	150-400mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	50W/12V
Package size	900 x 900 x 200mm
Net weight	20 KG

Cod. ESLD-01RW

1 round lighting unit – Wall mounted config.



Single head 1 lighting unit	Illumination(lux) 60000
Color Temperature	3500-5000k
Diameter of Spot	150-400mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	50W/12V
Package size	900 x 900 x 200mm
Net weight	20 KG

Cod. ESLD-01RM

1 round lighting unit - Mobile config.



Single head 1 lighting unit	Illumination(lux) 60000
Color Temperature	3500-5000k
Diameter of Spot	150-400mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	50W/12V
Package size	860 x 400 x 400mm
Net weight	20 KG



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LED surgical shadowless lamps



**Hexagonal heads models,
Equipped with third arm with CCD camera and LCD color monitor**



Cod. ESLD/S-0403CCD

Cod. ESLD/S-0505CCD
5+5 lighting units - Ceiling config.

Double heads	Illumination(lux)
5+5 lighting units	160000+160000
Color Temperature	3500-5000k
Diameter of Spot	150-400mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	85 KG
Backup Battery	Optional

Cod. ESLD/S-0504CCD
5+4 lighting units - Ceiling config.

Double heads	Illumination(lux)
5+4 lighting units	160000+140000
Color Temperature	3500-5000k
Diameter of Spot	150-400mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	82 KG
Backup Battery	Optional



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LED surgical shadowless lamps

**Hexagonal heads models,
Equipped with third arm with CCD camera and LCD color monitor**

Cod. **ESLD/S-0503CCD**

5+3 lighting units - Ceiling config.

Double heads	Illumination(lux)
5+3 lighting units	160000+120000
Color Temperature	3500-5000k
Diameter of Spot	150-400mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	80 KG
Backup Battery	Optional

Cod. **ESLD/S-0404CCD**

4+4 lighting units - Ceiling config.

Double heads	Illumination(lux)
4+4 lighting units	140000+140000
Color Temperature	3500-5000k
Diameter of Spot	150-400mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	80 KG
Backup Battery	Optional

Cod. **ESLD/S-0403CCD**

4+3 lighting units - Ceiling config.

Double heads	Illumination(lux)
4+3 lighting units	140000+120000
Color Temperature	3500-5000k
Diameter of Spot	150-400mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	77 KG
Backup Battery	Optional

Cod. **ESLD/S-0303CCD**

3+3 lighting units - Ceiling config.

Double heads	Illumination(lux)
3+3 lighting units	120000+120000
Color Temperature	3500-5000k
Diameter of Spot	150-400mm
Illumination depth	> 800mm
Light Adjusting steps	1-9
Colour Rendering Index	95-98
Shadowless proportion	98%
LED Service Life	> 50000h
Temperature increase in Surgeon's head area	< 1 °C
Ceiling minimum height	2400mm
Power Supply	110-240V; 50/60Hz
Consumption	200W+200W/12V
Package size	1020 x 740 x 700mm
Net weight	75 KG
Backup Battery	Optional



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