

# LED Operating Light



**Utilising the most advanced LED technology available in the LED operating Lights have been designed to provide a high quality, shadowless beam with extremely low running cost.**

- OT Lights with two lamphead of 700mm dia made of aluminium with the side handle on each dome.
- Streamlined, ultra-thin, enclosed lamphead with reduces air resistance to minimise contamination and are laminar flow compatible.
- LED Bulbs are from OSRAM, Germany and lens are from Gaggione, France .
- The LED Light arms can turn round 360 degree with smooth and easy movements.
- Easily maneuverable spring - balanced lamphead with a Sterilizable Handle in the middle for focusing for movements in both lamphead.
- Adopted Germany patent design, can save energy to achieve depth of luminance, in order to prevent surgeon from dizziness.
- High fail safety through optical light systems consisting of 18 LED in both major lamphead and colour mixing of LED lights takes place inside the dome.
- The light beam is as bright as the sunlight without shadow and still keep uniform even parts of light source is sheltered by the shoulder, hands and head of the surgeon.
- Digital controlled light intensity with 10 grades of brightness and automatic memory for added flexibility.
- Control Panel is easy and convenient to use.
- Built-in Switch Mode Power Supply (SMPS) systems from Taiwan avoiding complicated installation of wall mounted control box.

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## Technical Specifications

Diameter of lights	700mm	500mm
The spot center illumination (Lux)	160000 lux	140000 lux
Color Temperature (Adjustable)	3800K – 5000K	3800K – 5000K
Color rendering index (Ra%)	≥95	≥95
Full spectrum CRI	95	95
Number of LEDs	18	16
Number of bulb (W)	1WXN18	1WXN16
Depth of illumination (cm)	120	100
Focus system	Manual	Manual
LED service life	50,000 hrs	50,000 hrs
ENDO mode	Yes	Yes

## Configuration Selection

Model No.	Installation
700/700/500	Ceiling Mounted
700/500/500	Ceiling Mounted
700/700	Ceiling Mounted
700/500	Ceiling Mounted
500/500	Ceiling Mounted
700	Ceiling Mounted
500	Ceiling Mounted
700(M)	Mobile
500(M)	Mobile

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