

**MODEL#:**

**KL-LED.MSTZ4 (AC/DC) Mobile**



**SPECIFICATIONS:**

1. Unit is LED technology .
2. The unit is robust, constructed from non-welded Titanium alloy.
3. The unit complies with laminar flow thus controlling contamination.
4. Once positioned the light does not drift away.
5. The unit provides low heat radiation, efficient and stable illumination.
6. The unit has means to decrease intensity directly above the Surgeon's head (temperature less than 1°C) and increase illumination of the unblocked LEDs.  
The unit has sensors within the LED's that scan and interpret the reflectance of light in surgical area, automatically adjusting for optimum illumination.
7. Concentrate spot: At 1 meter distance: The unit has central illumination of 130 000 - 160 000lux.
8. The LED performs  $\geq 50\ 000$  hours
9. Diameter of lighthouse is 61cm
10. Depth of the illumination is  $\pm 80\ \text{cm}^3$
11. Colour rendering index is  $\geq 95\ \text{RA}$ .
12. Main power system supply 220V to 240V.

13. The unit has a fuse as a built-in electrical protection system, in the event of a power surge.
14. The unit has a built-in battery which operates the unit under full load for a minimum period of 3 hours.
15. UPS for  $\geq 4$  hours battery back-up included.
16. The unit has a central handle to adjust the positioning of the headlight.
17. Breaking system on all moving parts.
18. The unit is balanced in all positions of the headlight.
19. Handle is sterilisable.
20. The intergrated light handle control allows the user to control the light focus and its lighthouse to any desirable user position.

**Accessories:**

Light Handle.