

TECHNICAL SPECIFICATION OF SURGICAL HEADLIGHT

SN	Description	COMPLIANCE		Page No. of Catalogue
		Yes	NO	
Surgical Headlight				
	Manufacturer			
	Brand			
	Type/Model			
	Country of Origin			
A	Description of Function			
i	Comfortable, lightweight, high quality headlights applicable for Surgery ENT, Dermatology, Veterinary, Plastic Surgery, Dental			
ii	Illuminance: 70,000 Lux at 16" or more			
iii	Adjustable light field diameter •			
iv	Battery life more than 2hr 15 minute at max light output			
v	Audible warning when battery charge is low			
vi	Untethered from an illuminator			
vii	Color Temperature: 4,500 Kelvin			
viii	CRI (Color Rendering Index): 75			
ix	Light Source: Light Emitting Diodes (LED)			
x	Rated Life of LED: 50,000-hour			
xi	Power: 10 Watts			
B	Weight			
i	Weight of Headlight must be lesser than 230gm			
ii	Weight of Battery Holster and Battery should be less than 345gm			
	Lightweight headband for comfort			
C	Spot Diameter			
i	Spot Diameter varies from 20 mm to 110 mm			
D	Accessories			
i	Battery Charger			
ii	Encrypted Battery Replacement of Headlight			
iii	Joysticks Non-Sterile Autoclavable			
E	Terms & Conditions			
i	The company shall provide the schedule preventive maintenance and corrective /breakdown maintenance as when required.			
ii	The machine's must have US FDA Class I and European CE Class I			
iii	Must provide user's training to the end user regarding operation & uses and service training to hospital technician regarding the service/maintenance.			
iv	Service manual & Operator Manual in English to be supplied free of cost.			
v	Warranty/Guarantee period for at least 2 years for LED Headlight & Battery			
vi	Valid authorization letter from manufacturing company must be provided.			