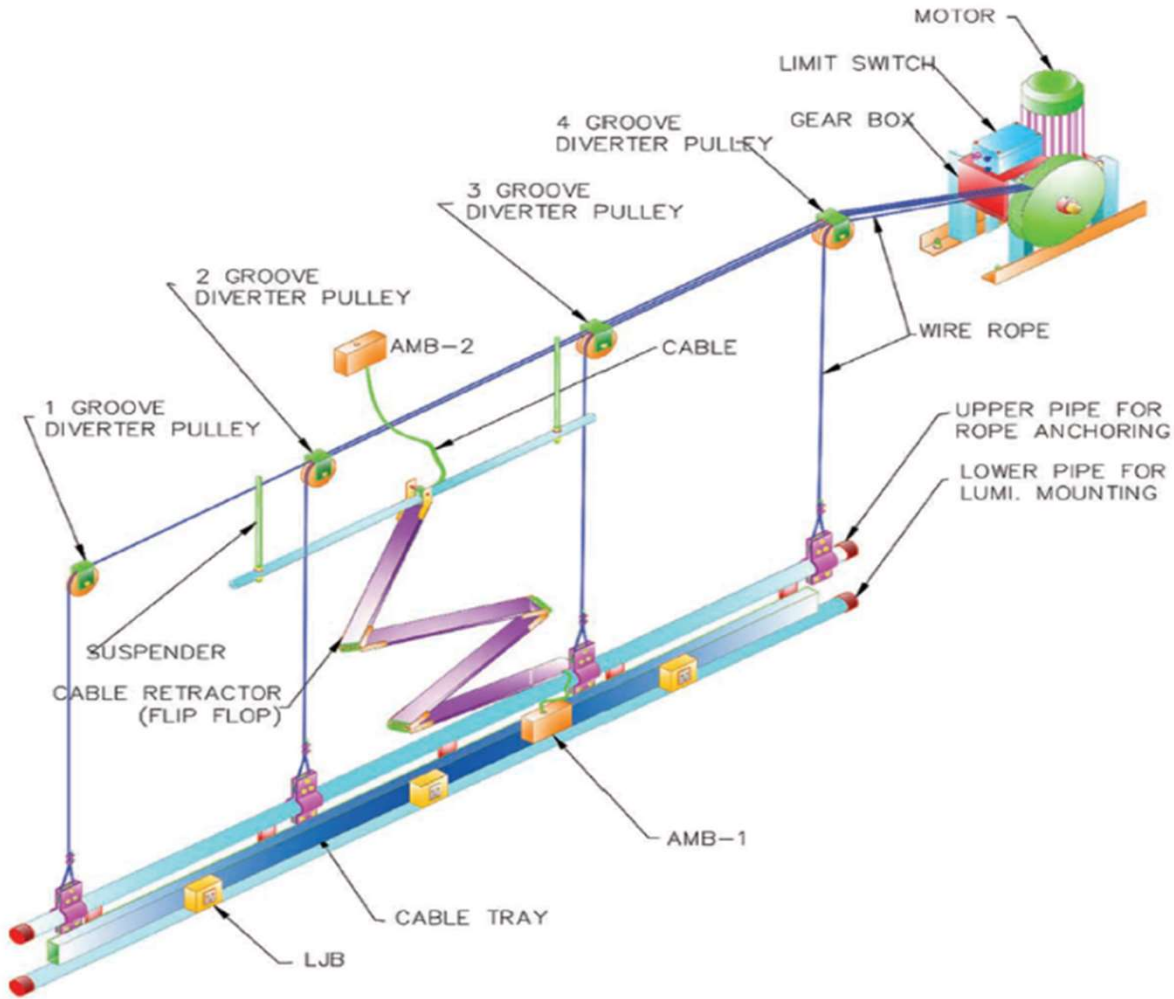


Canara motorized light bars is a innovative approach to lowering and raising the light bar system. Canara Lighting offers a wide range of options of motorized light bars to suspend the lighting fixtures in Theaters, Auditoriums and Convention centers.



### SPECIAL FEATURES

- Designed with the highest standards of construction using 40NB MS tubes duly powder coated in black matt texture finish.
- Ideal for raising and lowering of lighting equipment up to 12 meters.
- 5mm dia GI wire ropes for suspending the entire system.
- Dynamic self sustaining worm-gear set motor with DC brake screw helix to prevent back winding.
- Two safety micro switches one for top limit and one for the bottom limit. Optional extra emergency safety switch for top limit and another for lower limit will be provided based on request.
- Advanced cable management system by cable retractor / Flip flop.
- Certifications : CE

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## STANDARD SAFETY FEATURES

- Fail proof braking system consisting of a motor brake and Optional redundant load side mechanical brake will be provided based on request.
- Rotary limit switches : upper limit, lower limit, , Optional upper & lower overtravel limit switches will be provided based on request.
- Safety : Approved by the testing authorities of the European standards. These Standards are directly associated with safety of suspensions systems mounted above an assembly of people
- Dual barrel Light bar equipped with 40x75x40 Cable trunking with lid for cable safety and better aesthetic look.
- Emergency Trip pushbutton to stop the winch movement in emergency situation.
- Overcurrent protection: integrated overcurrent circuit to protect against electrical overloads

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## TECHNICAL SPECIFICATIONS

- Electric Motor : 1.1kW / 1.5kW / 2.2kW, 3 Phase AC Motor with DC Brake
- Gear Box : Specially designed single stage worm reduction.
- Self Weight : > 200 kg
- Safe Working Load : 180kg to 250kg
- Max Travel Distance : upto 12 Meter (Higher travel distance will be provided based on request)
- Lift speed : 8 Meter/Minute average. (Speed options will be provided based on request)
- Minimum Collapse Height : 1.2 Meter
- Safety : Two safety micro switches for the Top and the Bottom limit
- Lifting rope : 5mm diameter GI ropes
- Finish : Epoxy polyester powder coated in black matt texture finish
- Control : DOL with forward and reverse control (Standard approach )
- Optional Control : VFD / Wireless / HMI / Hand-held Pendent / Soft start-Soft stop.
- Winch Length : 6 Meter to 14 Meter (Higher length will be provided based on request)

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**MODELS : LB-6M, LB-7M, LB-8M, LB-9M, LB-10M, LB-11M, LB-12M, LB-13M,  
LB-14M, LB-15M**