



## SPECIFICATION LHSS 250: CHAIN OPERATED SPRING ASSIST ROLLER SHADE SYSTEM

### GENERAL

1. Work of this section includes manual roller shade hardware as manufactured by Light Harvesting Shading Solutions Inc.
2. Product data and manufacturer's descriptive literature shall be submitted indicating materials, finishes and installation instructions.
3. Shop drawings for all components and installation details shall be supplied as requested.
4. Products shall be manufactured to meet or exceed all quality standards as stipulated by Light Harvesting Shading Solutions Inc.
5. Product shall be delivered to the project site in manufacturer's original packaging.
6. Product shall be handled and stored in a manner that prevents damage to materials, finishes and operating mechanisms.
7. Manufacturer shall provide that from the date of installation all system components are free of defects for five (5) years and shade fabric is free of defects for one (1) year.

### PRODUCT

1. Acceptable product: LHSS 250 Chain Operated Spring Assist Roller Shade System as manufactured by Light Harvesting Shading Solutions Inc.
2. Headrail tube shall be 6063-T6 extruded aluminum, with standard exterior diameter of 1 ¾", or optional exterior diameter 1 ½" depending on shade size.
3. Headrail tube shall have ribs to provide rigidity and prevent deflection and rippling of fabric.
4. All parts shall be made of 6.6 polyamid, delrin, powder coated steel, or aluminum.
5. Shades shall be ceiling or wall mounted.
6. Shades shall be complete with LHSS-106 1 ¾" bracket, clutch and idler sets, LHSS-251 spring assist and LHSS-252 clutch adaptor (Optional: 1 ½" parts to be used with appropriate size headrail)
7. Shades shall come standard with #10 nickel plated steel or stainless steel bead chain, matching bead chain connector, and chain hold down for safety.
8. Shades shall be supplied with internal, welded-in weight bar, in clear anodized aluminum finish. (Also available in standard white baked enamel finish or custom painted).
9. Optional: Free-form fascia made to measure available in clear anodized, white, bronze or custom painted finish.
10. Fabric shall be LHSS Sunscreens or Blackouts, in openness and color available from the standard range.
11. Fabric shall be free of warping, bowing and fraying.
12. Fabric shall meet or exceed all building codes and standards with regards to flame retardancy.

### INSTALLATION

1. Install roller shade systems in accordance with Light Harvesting Shading Solutions Inc. specifications, standards and procedures.
2. Installation contractor shall be responsible for site measurements and suitability of mounting surfaces.
3. Adequate clearance shall be provided to permit unencumbered operation of the system.