1. **GENERAL**
   1. **SECTION INCLUDES**
      1. Projection screens.
      2. Manually operated.
   2. **REFERENCES**
      1. UL - Underwriters Laboratories, Inc.
   3. **SUBMITTALS**
      1. Submit shop drawings showing case dimensions, mounting requirements and materials.
      2. Submit product data showing fabric dimensions, finish, border type and accessories.
      3. Submit manufacturer's installation instructions indicating installation procedures and component installation sequence, clearances and tolerances from adjacent construction and maintenance.
   4. **FIELD MEASUREMENTS**
      1. Verify that field measurements are as indicated on Shop Drawings.
   5. **COORDINATION**
      1. Coordinate the work with ceiling construction.
   6. **FIRE CLASSIFICATION REQUIREMENTS**
      1. All materials shall be non-flammable or treated with a flame retardant solution approved by the State Fire Marshal in accordance with Chapter 7, CBC.
      2. ASTM E84 and UBC Standard No. 8-1, all materials shall have flame spread of less than 25 and smoke developed of less than 450.
      3. NFPA 701- Standard Methods of Fire Tests Flame-Resistant Textiles and Films.
      4. FS 191A/5760 Mildew Resistant of Textile Materials.
   7. **REGULATORY REQUIREMENTS - DSA APPROVAL** 
      1. Manufacturer shall furnish Architect complete Shop Drawings and calculations as specified, certified and stamped by Structural Engineer currently licensed in California. Manufacturer shall employ and pay Engineer for Certification of Drawings and Calculations.
      2. Architect will submit drawings and calculations to the Division of State Architect and approval prior to fabrication.
2. **PRODUCTS**
   1. **MANUFACTURERS**
      1. Products of following manufacturers form basis for design and quality intended.
         1. DA‑LITE Screen Co., Inc., Warsaw, IN.
      2. Or equal as approved in accordance with Division 1, General Requirements for substitutions.
   2. **COMPONENTS**
      1. Product: MODEL C.
         1. Operation: Manual pull-down, spring operated retraction.
         2. Mounting Brackets: Hanger length as selected by Architect.
         3. Case: Steel, minimum 22 gauge, painted or in wood grains as selected by Architect.
         4. Screen: Flame retardant, mildew resistant, glass beaded, 2 inch black masking border bottom and sides. Size: 7 by 7 feet. Quantities: One per classroom and as indicated on drawings.
3. **EXECUTION**
   1. **EXAMINATION**
      1. Verify site conditions.
      2. Verify that prepared openings are ready to receive work and opening dimensions are as indicated on shop drawings.
   2. **INSTALLATION**
      1. Install unit assembly in accordance with manufacturer's instructions. No mounting of screens to “T” bar grid.
   3. **ERECTION TOLERANCES**
      1. Maximum Variation of Unit From Plumb: 1/4 inch.

**END OF SECTION**