**PART 1 - GENERAL**

**1.01 SUMMARY**

A. Provisions of Division 01 apply to this section.

B. Section Includes:

1. Window darkening Venetian blinds.

**1.02 SUBMITTALS**

A. Shop Drawings: Submit Shop Drawings including plans, elevations, and installation details.

B. Product Data: Submit manufacturer's data and catalog cuts.

C. Material Samples: Submit manufacturers color Samples.

**1.03 QUALITY ASSURANCE**

A. Qualifications of Manufacturer: Manufacturer shall have been regularly engaged in the business of manufacturing products of this section for 5 years.

**1.04 DELIVERY, STORAGE AND HANDLING**

A. Deliver in manufacturer's sealed and labeled containers. Store in a clean dry area.

**PART 2 - PRODUCTS**

**2.01 GENERAL**

A. Products of Levolor Lorentzen Inc., Hunter Douglas Inc., Springs Window Fashions LP, or equal.

**2.02 MATERIALS**

A. Provide the following:

1. Riviera 2, horizontal aluminum blind by Levolor Lorentzen Inc.

2. Flexalum horizontal aluminum blind by Hunter Douglas Inc.

1. Bali, horizontal aluminum blind, by Springs Window Fashions LP.

B. Slats: Aluminum; 2 inches wide; .008 inch minimum thickness; elliptical crown approximately 3/16 inch high; rounded corners. Slats shall be formed to concave/convex shape.

C. Head Rails and Bottom Rails: Steel, 0.022 +/- .003 inch thick; underside of bottom rail shall be flat with no outside clips, tape holders, end caps or other fittings which create light gaps at sill. Molded plastic end pieces, tape and cord holders shall be provided and located inside or on top of bottom rail. Provide light seal at underside of headrail.

D. Tapes: Manufacturer's standard A-V tapes, vinyl, 1-1/2 inches wide, with ladders uniformly spaced every 46 inches. Tapes shall be not more than 34 inches on centers, and shall be not less than 4-1/2 inches nor more than 7-1/2 inches from slat ends.

E. Color: Visible parts shall be of color as selected by the Architect from manufacturer's standard color selection.

F. Finish: Metal parts shall be furnished with factory-applied baked-on enamel or plastic finish.

G. Tilt Controls: Shall consist of enclosed worms and gear tilting mechanisms, which prevent slat-drift from selected angle.

H. Bottom Rails: Shall be provided with color-compatible molded plastic end caps.

I. Cords: Braided of high-strength synthetic fibers, and with cores to provide minimum stretch, maximum strength, abrasion resistance and flexibility. Cord shall be as a minimum 1.8 mm, and shall meet or exceed Commercial Item Specification 1029.86.

**PART 3 - EXECUTION**

**3.01 EXAMINATION**

A. Verify that openings are ready to receive Work.

B. Ensure that structural blocking and supports are installed and suitable for fastening and support of Work.

**3.02 INSTALLATION**

A. Install blinds as detailed in locations indicated. Furnish and install necessary parts and perform adjustments required to provide a complete, rigid and properly operating installation. Corners and surfaces shall be free from burrs and sharp edges.

B. Length of blind shall be at least 1-3/8 inches longer than height of window opening.

C. Unless otherwise indicated, blinds shall be top-suspended, installed singly over each sash and between jambs or mullions, heads set flush with wall or trim, and shall not interfere with operation of sash or sash hardware. Where recessed installation is not indicated, blinds shall be installed over the casing, overlapping the casing not less than 1-3/8 inches at sill, 1-3/4 inches at jambs and one inch at top.

D. Brackets shall securely fasten headrails in place and shall provide for easy removal of headrails. Blinds shall be securely fastened with sheet metal screws through back into headrails.

E. Brackets shall be fastened with galvanized or cadmium-plated pan-head all-purpose screws oval-head wood screws, toggle bolts or other fasteners as required.

F. Upon completion of installation, test and adjust blinds and operating hardware to verify proper operation.

**3.03 INSTALLATION TOLERANCES**

A. Maximum Variation of Gap at Perimeter: 1/4 inch.

B. Maximum Offset from Level: 1/8 inch.

**3.04 ADJUSTMENT AND CLEANUP**

A. Adjust for smooth operation.

1. Before Substantial Completion, clean the blinds, including tapes, cords and tassels, in accordance with manufacturer’s recommendations.
2. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.
   1. **PROTECTION**
3. Protect the Work of this section until Substantial Completion.

**END OF SECTION**