



Columbus Awning Treeline Sunshade Specifications

Part 1: General

1.1 Description of Work

1. Work in this section includes furnishing and installation of extruded aluminum overhead hanger rod style canopies as manufactured by Columbus Awning Company, LLC.
2. Related Items and Considerations
 1. Flashing of various designs may be required. Specialty flashing to be supplied by Columbus Awning Company, LLC
 2. Determine wall construction, make-up and thickness. Shop drawings provided by Columbus Awning will detail components, brackets and pre-installation requirements.
 3. Ensure adequate wall condition to carry canopy loads where required.
 4. Consider water drainage away from canopy where necessary.
 5. Any necessary removal or relocation of existing structures, obstructions or materials.

1.2 Quality Assurance

1. Products meeting these specifications established standard of quality required as manufactured by Columbus Awning Company, LLC.

1.3 Field Measurement

1. Confirm dimensions prior to preparation of shop drawings when possible.
2. If requested, supply manufacturer standard literature and specifications for canopies.
3. Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.

1.4 Performance Requirements

1. Sunshades must conform to local building codes for snow and wind loads.
2. PE Stamped calculations are available if specified and must be signed and sealed by an engineer licensed within the state canopy is installed.

1.5 Deliver, Storage, Handling

1. Deliver and store all canopy components in protected areas.

Part 2: Products

2.1 Design

Treeline Architectural Metals, LLC
297 Old County Line Road
Westerville, OH 43081
Phone (740) 815-5584
www.treelinearchitecturalmetals.com

2.2 Manufacturer, Distributor and Installer

Columbus Awning Company, LLC
297 Old County Line Road
Westerville, OH 43081
(614) 426-4206
www.columbusawningcompany.com

2.2 Materials

1. Louvers shall consist of "Z" louvered, Airfoil or Rectangular tube – minimum .110 thickness. Dimensions will be determined by customer. Selection determined in the shop drawing.
2. Intermediate framing members shall be extruded aluminum, alloy 6063-T6, in profile and thickness shown in Shop Drawings/Brochure options.
3. Hanger Rod or Support Arms shall be design engineered per application.
4. Cantilever support brackets shall be design engineered per application.
5. Cantilever or Hanger Rod attachment hardware shall be a standard finish.
6. Fascia shall be standard extruded 6", 8", 10" or 12" Aluminum extruded frame. Additional Fascia details, extensions, "C" Channel available based on selection.

2.3 Finishes

1. Finish type – Standard Series 49 Exterior Tiger Drylac Poly Resin Powder Coating.
Finish type – Series 38 Super Durable Tiger Drylac Poly Resin Powder Coating.

2.4 Fabrication

1. All Columbus Awning Treeline Canopy Frame systems are preassembled and welded to seamless frame system.

2. All louvered components preassembled and welded to frame.
3. All connections shall be mechanically assembled utilizing 3/16 fasteners with a minimum shear stress of 350 lb.
4. Concealed drainage. Water shall drain from covered surfaces and be directed to none.

Part 3: Execution

3.1 Inspection

1. Confirm that surrounding area is ready for the canopy installation.
2. Columbus Awning is the sole Installer and distributor of Treeline Canopy systems and will confirm dimensions and elevations to be as shown on drawings provided.
3. Erection shall be performed by Columbus Awning Company and scheduled after all concrete, masonry and roofing in the area is completed

3.2 Installation

1. Installation shall be in strict accordance with shop drawings. Particular attention should be given to protecting the finish during handling and erection.
2. After installation, entire system shall be left in a clean condition.