

## SECTION 09221 - LIGHT COVE

### PART 1 - GENERAL

#### RELATED DOCUMENTS

A. Drawings and General Provisions of the Contract, including General and Supplement

Conditions and Division 1 Specification Sections apply to this Section.

#### SUMMARY

This section includes Metal Pre-finished Composite Aluminum Light Coves as shown on the drawings.

B. Related Sections include the Following:

Section 09111 - Non-Load Bearing Steel Framing

Section 16511 - Interior Lighting

#### SUBMITTALS

A. Manufacturer's Literature and Data:

1. Product Data: Submit manufacturer's technical data and brochures for each type

specified component including detail drawings, and installation instructions.

2. Shop drawings shall show dimensions, sizes, thickness, alloys, tempers, finishes,

joint attachments, and relationship of adjoining work.

B. Samples:

Samples shall include three, 6" pieces of each type of aluminum light cove in specified finish and accessories

#### QUALITY ASSURANCE

A. Manufacturer: Firm with manufacturing and delivery capacity required for the project,

have successfully completed at least ten projects within the past five years, utilizing

materials and techniques as herein specified.

B. Fabricator must own and operate its own manufacturing facilities for all metal components. "Stick Built" or "Kit of Parts Systems" consisting of components from a variety of manufacturers will not be considered or accepted.

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## DELIVERY, STORAGE & HANDLING

All materials shall be protected during fabrication, shipment, site storage and erection to prevent damage to the finished work from other trades. Store accessories inside a well ventilated area, away from uncured concrete and masonry, and protected from the moisture, soiling, abrasion, extreme temperatures, and humidity.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURER

Light Coves shall be manufactured by Columbia Architectural Products, Inc., Located at 10722 Tucker Street, Beltsville Maryland 20705, (301) 937-4383, Fax (301) 937- 6850. HYPERLINK "http://www.capacm.com" [www.capacm.com](http://www.capacm.com)

B. The listed manufacturer shall not be construed as closing specifications to other manufacturers, but rather as establishing a level of quality in a metal system. Other systems may be submitted for approval; as provided for in the specifications at least 10 working days prior to submission of bids. Companies desiring to submit a proposal shall submit all descriptive information of the system proposed including photographs and shop drawings at least three projects similar in detail and scope.

### 2.2 MATERIALS

A. Aluminum Composite Light Coves manufactured from 4mm Composite, PE core.

Accessories: Manufacturer's standard inserts, support brackets, alignment devices,

splice and end closures will all be furnished as a complete package with single source responsibility .

General: Provide metals free from surface blemishes where exposed to view and finished surfaces that exhibit pitting, seam marks, roller marks, stains, and

discolorations, or other imperfections on finished units are not acceptable.

All metal

shall be of the highest quality - commercial type.

## 2.3 FABRI ATION

Provide Aluminum Composite Light Coves of design, profile and function as indicated. Light Coves shall suit width and depth in a of minimum 16' lengths to reduce the number of joints.

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Provide pre-fabricated, mitered corners where light cove changes direction. Include end closures and alignment devices to provide tight joints.

Provide splice plates and accompanying screws to properly secure and insure alignment. Exposed attachments are not acceptable. Gaps at joints are not acceptable when light coves are abutted end to end.

Provide mounting brackets designed to conform to the light coves as required and

Supports every 30" (minimum ) on center.

## 2.5 FINISHES

All Light Coves shall be supplied with a 30 year factory applied Kynar finish warranty On site post painting is not acceptable.

Color is to be selected by the architect from manufactures full list of standard offerings.

C. All finishes shall meet or exceed all Clean Air Standards for EPA or State.

## PART 3 - EXECUTION

### 3.1 INSPECTION

A. Examination of Surfaces: Installer must examine conditions under which work is to be performed and must notify contractor in writing of unsatisfactory conditions.

B. Verify that field measurements and block-out dimensions are as shown on shop draw

### 3.2 INSTALLATION

General: Comply with manufacturer's printed instructions, with governing regulations

for Seismic Codes, and with the Ceiling & Interior Systems Construction Association standard applicable to work.

Install light Coves with factory supply brackets supported only from building structural members.

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### 3.3 CLEANING

Clean all surfaces following installation. If necessary use only non-abrasive mild soap or detergent solution.

B. Replace coves having scratches, abrasions, or other defects with unblemished coves.

C. Maintenance per manufacturer's finished maintenance instructions.

### 3.4 PROTECTION

A. Protect Light Cove Systems from damage by other trades after installation.

### 3.5 GENERAL RESPONSIBILITY

A. Variation from specification: Any variation from this specification resulting in additional cost to any other contractor or subcontractor on this project shall be the sole financial responsibility of the contractor for the work of this section.

END OF SECTION 09221  
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