

SUN CONTROL SYSTEMS

SC14 CATALOG

10 70 00 EXTERIOR SPECIALTIES

- SUNSHADE SYSTEMS <
- LIGHT SHELF SYSTEMS <
- ALUMINUM VERTICAL SCREENS <
- ALUMINUM TRELLIS <
- SUN CONTROL PANELS <
- ALUMINUM AND STEEL CANOPIES <
- GLASS AWNINGS <

SOPHISTICATED, MODERN DESIGN,
RICH COMPLEMENT TO ANY BUILDING



Glazing, Architectural, Railing, Construction, Industrial, and Automotive Supplies

Architectural Products

Entrances
Storefronts
Curtain Walls
Window Walls

Windows
Sun Control Systems
Hurricane Resistant Systems
Blast Mitigation Systems

Monumental Doors
Balanced Doors
'All-Glass' Door Rails
Frameless Showers

crlaurence.com

usalum.com

crl-arch.com



AMERICAN OWNED AND OPERATED MANUFACTURING

- Over 600,000 Square Feet of Manufacturing Capacity in Our California Facilities
- Making Quality Products for Over 40 Years
- User of Progressive ISO9001:2008 Manufacturing Processes
- Mechanical and Technical Expertise Available to Assist Your Manufacturing Processes

You may know C.R. Laurence Company as the world's largest distributor of supplies to the glass industry. What you may not know is that we are also a manufacturer of over 7,000 products found in our Online Catalog. We make some of the best products available to customers worldwide. Our people use progressive ISO9001:2008 manufacturing processes to make products for the Glazing, Architectural, Railing, Construction, Industrial, and Automotive industries. These certified processes ensure that we give every product our full attention to detail.

Using strict manufacturing standards we produce the kind of quality products that has kept us at the head of this field for many years. That's your assurance that when you select a product made by CRL Manufacturing you have made the best possible choice.



CRL TECHNICAL ASSISTANCE

- Full Service From Our Architectural Metals Technical Sales Team
- Design Assistance and Component Selection
- Detailed Project Quotes

The C.R. Laurence Architectural Metals Technical Sales Team can help you choose the perfect system for any job. They can prepare a detailed quote that you can present to your client with the full assurance that the CRL Sunshade System they select will enhance the beauty of the surroundings. They will also assist with component selection to ensure you can complete the job with a minimum amount of excess material. Your job can be made easier with the help of our trained professionals. CRL Architectural Metals Technical Sales can be reached Monday through Friday from 6 a.m. to 5 p.m. Pacific Time.

Call **(800) 421-6144** in the United States, **(877) 421-6144** from Canada, or **(323) 588-1281** International. Ask for Architectural Metals Technical Sales at Ext. 7770. Direct Fax **(866) 921-0532** or **(323) 584-5289** Direct E-Mail archmetals@crlaurence.com To view or place an order for any CRL product visit our Online Catalog at crlaurence.com



LET CRL DESIGN AND ENGINEER YOUR NEXT SUNSHADE PROJECT

- Design and Fabrication of Custom Products
- Auto Cad Drawings
- Engineering
- Technical Support

Let CRL's Architectural Metals Technical Sales Team help you with your next Sunshade project. Everyone at C.R. Laurence is dedicated to providing superior customer service, along with products and resources to keep our customers on the cutting edge of technology. We have added a dedicated Computer Aided Drafting (CAD) Department to our arsenal of Technical Sales and Engineering groups to assist you with drawing submittals and custom design work to land that special project.

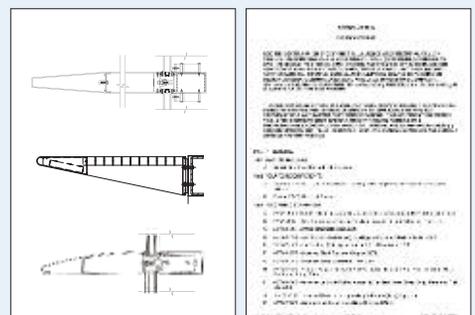


DRAWINGS AND SPECIFICATIONS - HOW TO GET THEM crl-arch.com

Let CRL Be a Team Player on All Your Architectural Metals Hardware Projects!

CRL-Arch.com is the online reference for CRL Architectural Systems, designed with the architect, designer, specifier, and contractor in mind. Here you will find instant access to CAD Drawings, CSI Format Specifications, Engineering Reports, LEED® Statements, BIM Models, Project Galleries, and our extensive catalog library.

In addition to our array of online tools, all of our products are backed by a team of project managers, engineers, estimators, designers, and specialists, ready to help you with your project needs.



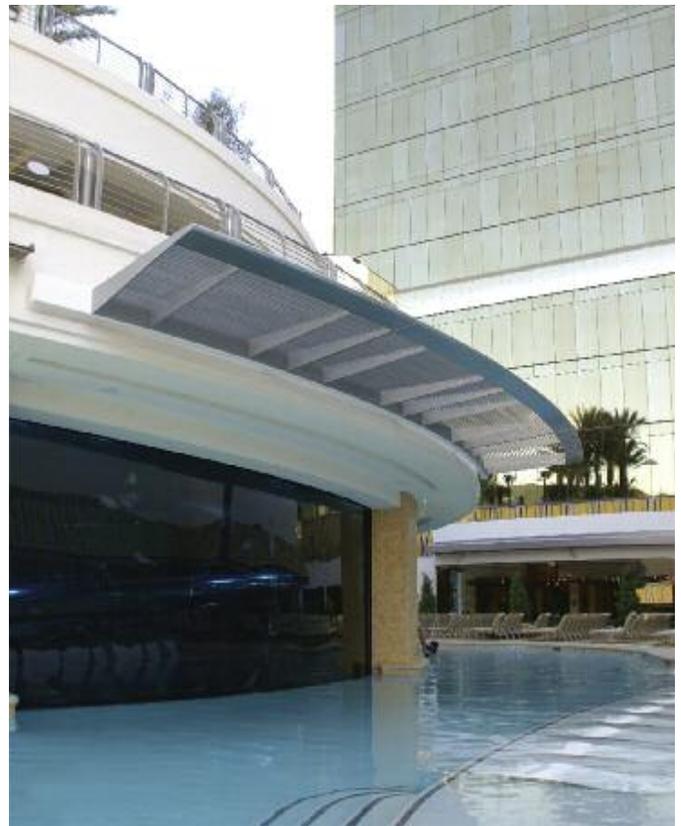
CRL SUNSHADE AND CANOPY SYSTEMS

- Completely Fabricated Sunshade Systems
- Custom Sunshade Component Parts
- Aluminum and Steel Canopies
- Practical Design for Minimal Field Labor

An element of sophistication and modern design, CRL Sunshades and Canopies can transform an indistinct building into a space of beauty and expression.

Each system is built to specifications in our Los Angeles facility under strict standards that have earned CRL many prestigious awards for manufacturing excellence. CRL engineers will work with you to create an elegant and functional Sunshade or Canopy System that is sure to impress.

For additional information, contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also e-mail us at archmetals@crlaurence.com.



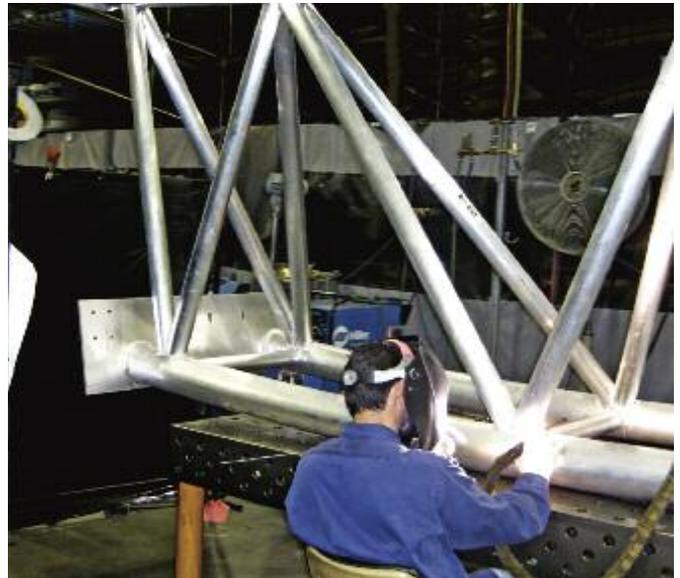
CRL RAPID CUSTOMIZATION SERVICE

- Don't Hesitate to Say "Yes" When Your Customer Needs Something Special
- With CRL's Rapid Customization You Can Win That Bid for the Next Big Sunshade Project
- When Quick Delivery Could Make the Difference Between Winning and Losing a Big Sunshade Job, CRL Will Out-Perform Other Sunshade Suppliers

The difference between winning and losing a bid for any Sunshade project can often mean more than just the price. It's often a matter of being able to give your customer something special or out of the ordinary. Sometimes it's a matter of the quickest delivery, or delivery across borders, regardless of the price.

CRL doesn't want you ever to have to say "No" to a Sunshade job. We can work with you to meet deadlines, or to supply that something special that others can't deliver. We have the capability to meet your requirements so you can say "Yes" to any and all jobs that you have the opportunity to bid on.

You need not be hesitant to get in a 'last minute' bid on a Sunshade job. Fabricating our own systems enables us to respond to custom designs and special conditions and, at the same time, meet your needs for the shortest reasonable lead times. We're experts at making on-time deliveries, whether across town or across oceans.



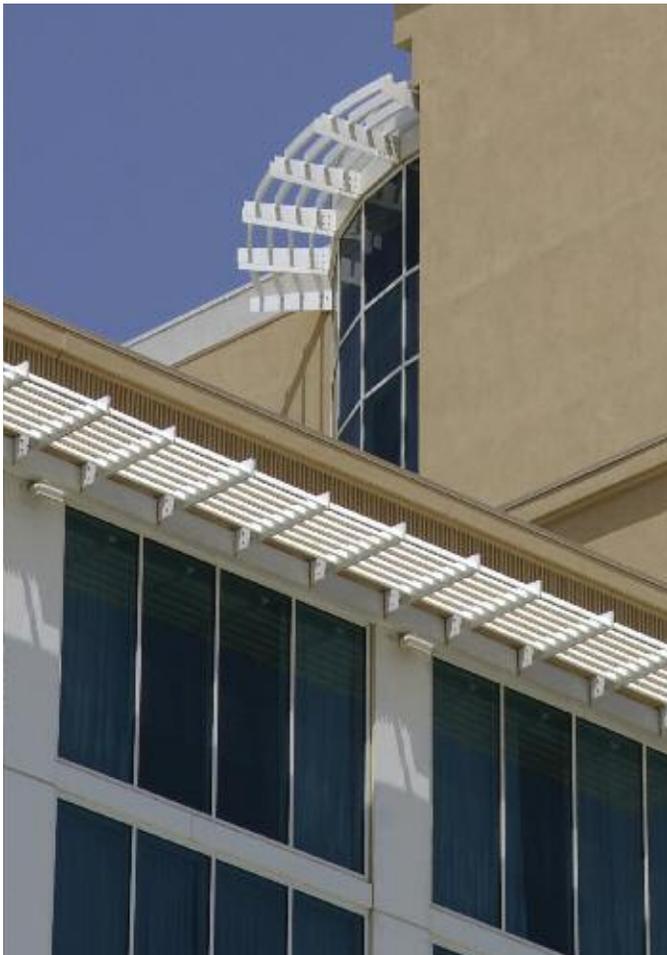
Once We Receive Your Order We Go to Work on it Right Away.



Fabrication, Finishing, and Packaging. All Within Reasonable Lead Times.



Upon Completion We Ship it to Your Job Site Anywhere in the World.



The Result is a Architectural Metal System You'll Be Proud to Install.

CRL7700 SERIES ALUMINUM SUNSHADE SYSTEMS

CRL7700 SERIES ALUMINUM SUNSHADE SYSTEM

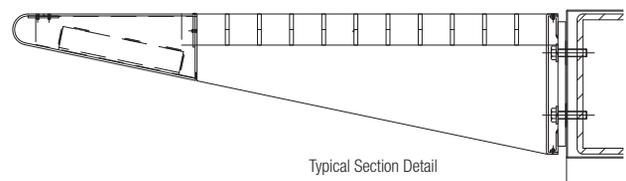
- Welded Systems for Structural Integrity
- Efficient Light Transmission
- Practical Design for Minimal Field Labor
- Three Standard Sizes With Custom Sizes Also Available
- Powder Painted Metallic Silver
- Custom Painted Finishes are Also Available

CRL offers the CRL7700 Series Sunshade in three popular standard sizes to minimize field labor and cut down on expenses. If these three sizes do not work for your design, CRL will custom manufacture the CRL7700 Series to exactly your specifications in our state-of-the-art manufacturing facility in Los Angeles, California.

All standard size units come powder painted in a metallic silver finish, with the option of custom painted finishes available. Give our Architectural and Ornamental Metals Technical Sales Team a call today to discuss your next Sunshade project at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also email us at archmetals@crlaurence.com.

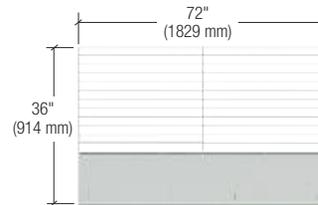
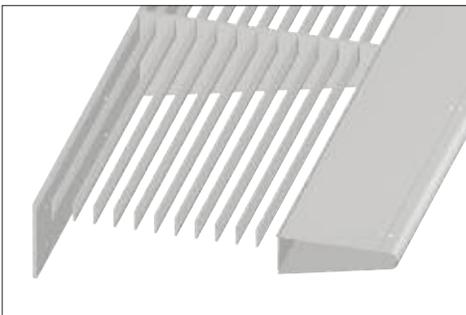
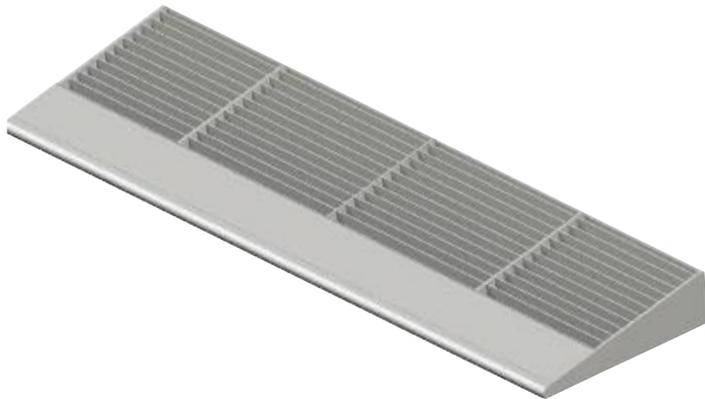


Design and Fabrication Process

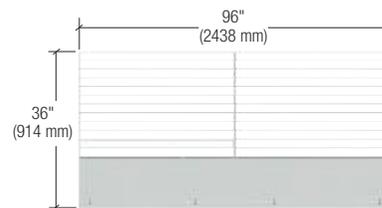


Typical Section Detail

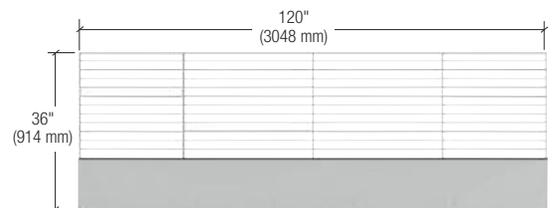
CRL7700 SERIES ALUMINUM SUNSHADE SYSTEMS



CAT. NO. 7763



CAT. NO. 7783



CAT. NO. 77103



CAT. NO.	LENGTH#	PROJECTION	FINISH
7763	72" (1829 mm)	36" (914 mm)	Silver Metallic
7783	96" (2438 mm)	36" (914 mm)	Silver Metallic
77103	120" (3048 mm)	36" (914 mm)	Silver Metallic

Minimum order: 1 each. # Must ship common carrier.

CRL7750 SERIES ALUMINUM AND STAINLESS STEEL SUNSHADE SYSTEMS

CRL7750 SERIES ALUMINUM AND STAINLESS STEEL SUNSHADE SYSTEMS

- Efficient Light Transmission
- Practical Design for Ease of Installation
- Stock Center, Corner, and End Panels Available
- Four Standard Sizes
- Custom Sizes Available With Stainless Steel
- Perforated Panels Fabricated to Your Dimensions
- Powder Painted Metallic Silver
- Custom Painted Finishes Available

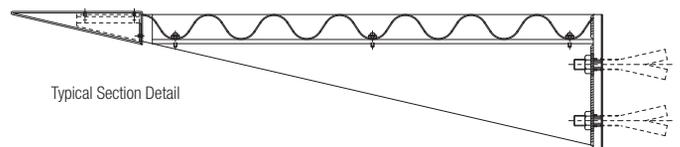
Efficiently and beautifully styled CRL7750 Series Sunshades lend sophistication and modern design, transforming architecturally ordinary buildings into eye-catching structures.

Each Sunshade System is built to specifications in our Los Angeles facility under strict standards that put CRL at the forefront of manufacturing excellence. One call is all you need to reach CRL Architectural and Ornamental Metals Technical Sales, where product specialists will work with you to create a functional Sunshade System that will meet your customer's needs.

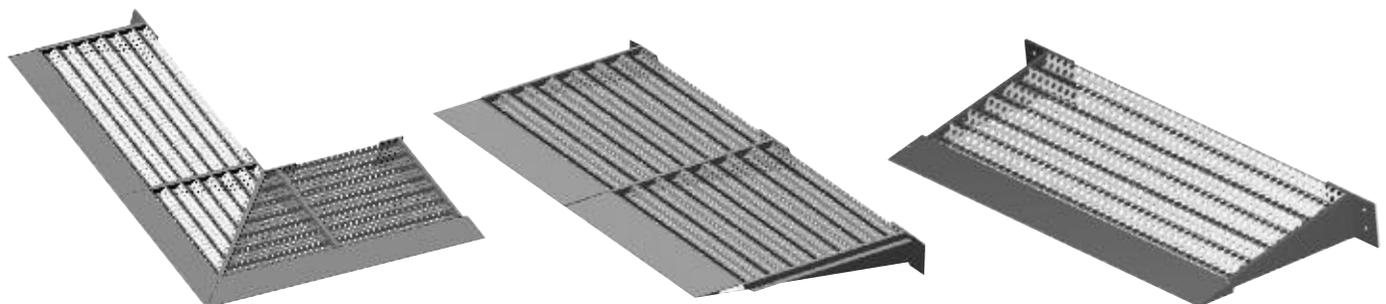
For additional information contact our Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also email us at archmetals@crlaurence.com.



Standard Fabricated Components



Typical Section Detail

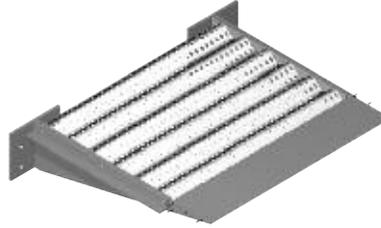


CRL7750 SERIES ALUMINUM AND STAINLESS STEEL SUNSHADE SYSTEMS

CRL7750 SERIES CENTER PANEL

- Standard 36" (914 mm) Projection
- Powder Painted Metallic Silver
- Custom Sizes and Finishes Also Available

This stock Center Panel unit comes with one each Infill Panel, one each Front Nose Piece, and one each Wall Mount Center Bracket. The projection on all stock units is 36" (914 mm).



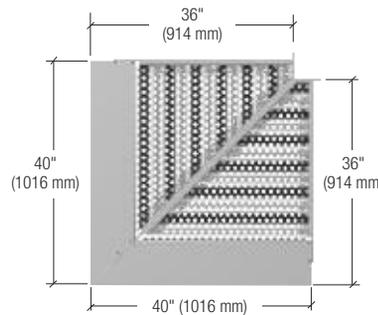
CAT. NO.	LENGTH	FINISH
AW7750C12	12" (305 mm)	Silver Metallic
AW7750C24	24" (610 mm)	Silver Metallic
AW7750C36	36" (914 mm)	Silver Metallic
AW7750C48	48" (1219 mm)	Silver Metallic

Minimum order: 1 each.

CRL7750 SERIES CORNER PANEL

- Standard 36" (914 mm) Projection
- Powder Painted Metallic Silver
- Custom Sizes and Finishes Also Available

This stock 40" long x 36" projection (1016 x 914 mm) Corner Panel unit comes with two each Infill Panels, one each welded 90 degree Front Nose Piece, and one each Wall Mount Center Bracket.



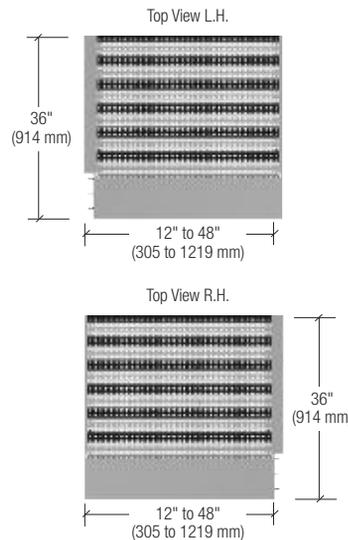
CAT. NO.	LENGTH	FINISH
AW7750CNR	40" (1016 mm)	Silver Metallic

Minimum order: 1 each.

CRL7750 SERIES END PANEL

- Standard 36" (914 mm) Projection
- Left and Right Hand Models
- Powder Painted Metallic Silver
- Custom Sizes and Finishes Also Available

This stock End Panel unit comes with one each Infill Panel, one each Front Nose Piece, one each Wall Mount Center, and one each Wall Mount End Bracket. Available in left and right hand models.



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	LENGTH	FINISH
AW7750L12	AW7750R12	12" (305 mm)	Silver Metallic
AW7750L24	AW7750R24	24" (610 mm)	Silver Metallic
AW7750L36	AW7750R36	36" (914 mm)	Silver Metallic
AW7750L48	AW7750R48	48" (1219 mm)	Silver Metallic

Minimum order: 1 each.

CRL CUSTOM FABRICATED SUNSHADES

CRL CUSTOM FABRICATED SUNSHADES

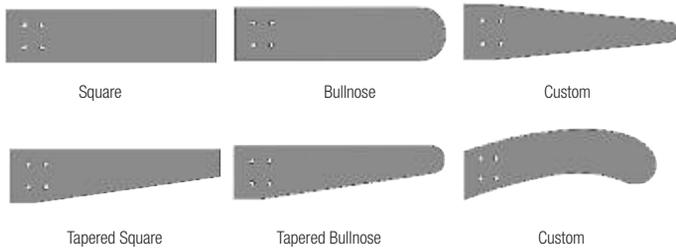
- Structurally Designed to Meet the Load Values Required on the Project
- Available in Many Proven Designs or Can Be Custom Designed to Meet Your Needs
- Powder Paint, KYNAR®, Clear Anodized and Bronze Finishes
- Fabricated in Our California Facility for Prompt Service

CRL Sunshades not only provide solar protection but also add to the aesthetics of the building. A Custom Sunshade installation involves a group of talented people to get it right. First, the architect and property owner decides on a plan that meets the building's criteria for visual aesthetics, energy conservation, and budget. Then our Architectural and Ornamental Metals Technical Sales Department works with all the parties involved to assure a functioning and attractive Sunshade installation is completed. We perform engineering for a safe and long-lasting job, and provide shop drawings for approval.



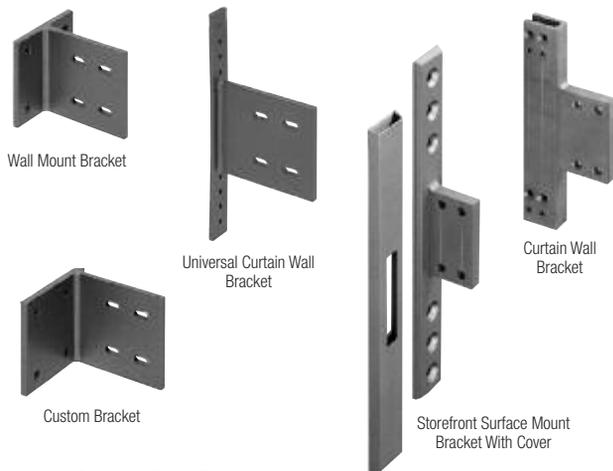
CRL "BUILD YOUR OWN" CUSTOM SUNSHADES

STEP 1 - OUTRIGGER OPTIONS (Specify)



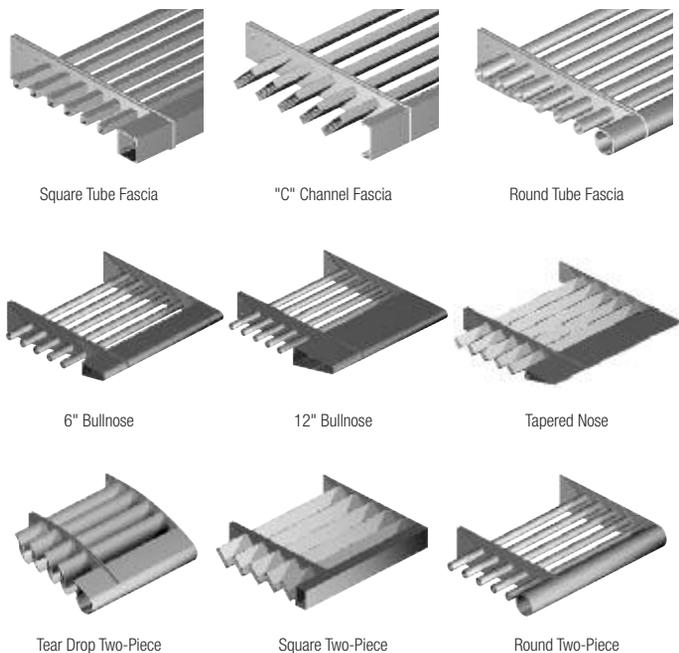
For Additional Details See Page 12

STEP 2 - MOUNTING BRACKET OPTIONS (Specify)



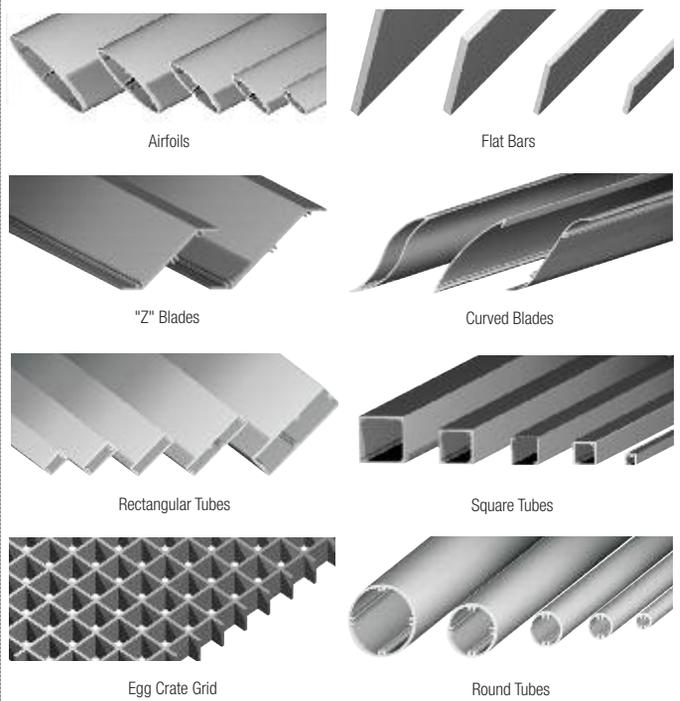
For Additional Details See Page 12

STEP 3 - FASCIA OPTIONS (Specify)



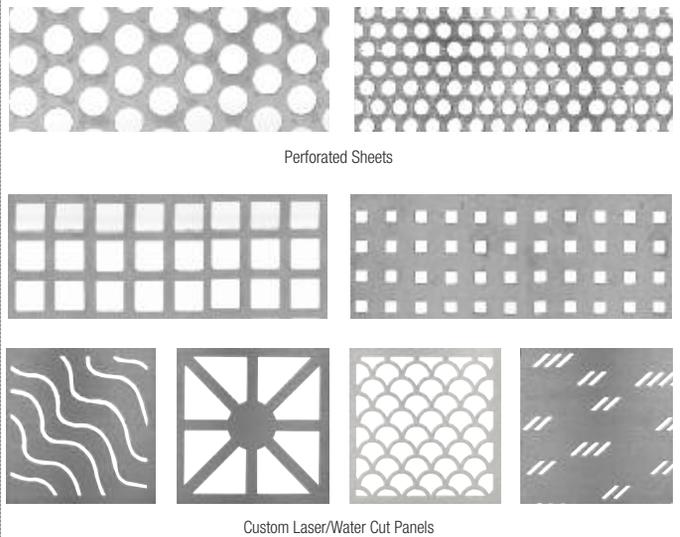
For Additional Details See Page 13

STEP 4 - BLADE OPTIONS (Specify)



For Additional Details See Pages 14 and 15

STEP 5 - INFILL OPTIONS (Specify)



STEP 6 - COLOR OPTIONS (Specify)



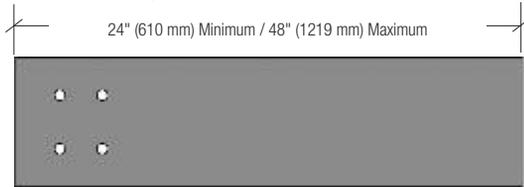
CRL also offers over 250 RAL or NEWLAR® Color Powder Paints, as well as KYNAR® Custom Paints which can be applied to Sunshades. Please contact Architectural and Ornamental Metals Technical Sales for additional information.

CRL "BUILD YOUR OWN" CUSTOM SUNSHADES

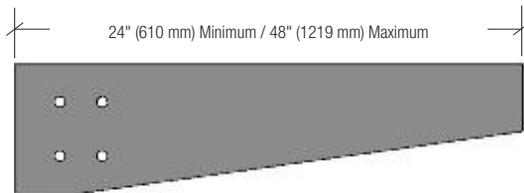
OUTRIGGER SELECTIONS

(Specify Finishes)

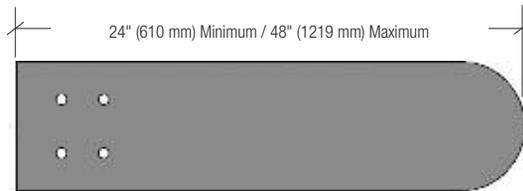
- Each Available in 24", 30", 36", 42", and 48" (610, 762, 914, 1067, and 1219 mm) Lengths
- Metallic Silver Powder Paint Finish
- Custom Finishes Also Available
- Custom Lengths Also Available



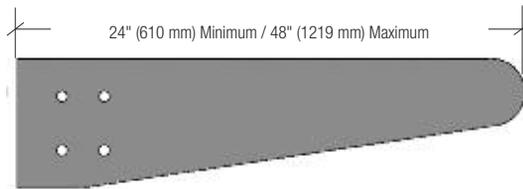
Square Configuration
CAT. NO. AWOS



Tapered Square Configuration
CAT. NO. AWOT



Bullnose Configuration
CAT. NO. AWOB



Tapered Bullnose Configuration
CAT. NO. AWOTB



Custom Configuration
CAT. NO. AWOC



CRL MOUNTING BRACKET SELECTIONS

(Specify Finishes)



Wall Mount Bracket
CAT. NO. AWSB1TC



Custom Bracket
CAT. NO. AWSB1C

Universal Curtain Wall Bracket
CAT. NO. AWSB2CW

CRL "BUILD YOUR OWN" CUSTOM SUNSHADES

FASCIA SELECTIONS



SQUARE TUBE



SQUARE TUBE FASCIA 146" (3.7 M) LENGTH

CAT. NO.	SIZE (W X H)#	FINISH*
AWFST3	3" x 3" (76 x 76 mm)	Specify
AWFST4	4" x 4" (102 x 102 mm)	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify powder coat or KYNAR® paint color when ordering.

"C" CHANNEL



"C" CHANNEL FASCIA 146" (3.7 M) LENGTH

CAT. NO.	SIZE (W X H)#	FINISH*
AWFC1X3	1" x 3" (25 x 76 mm)	Specify
AWFC2X4	1-1/2" x 4" (51 x 102 mm)	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify powder coat or KYNAR® paint color when ordering.

ROUND TUBE



ROUND TUBE FASCIA 146" (3.7 M) LENGTH

CAT. NO.	DIAMETER	FINISH*
AWFR3	3" (76 mm)	Specify
AWFR4	4" (102 mm)	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify powder coat or KYNAR® paint color when ordering.

New!

6" BULLNOSE



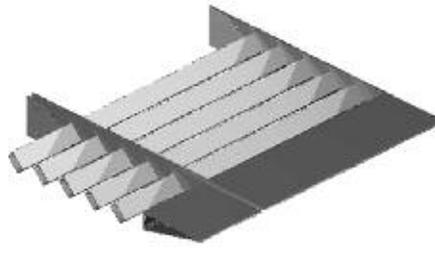
BULLNOSE FASCIA 146" (3.7 M) LENGTH

CAT. NO.	SIZE#	FINISH*
AWB6X	6" (152 mm) Bullnose	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify powder coat or KYNAR® paint color when ordering.

New!

TAPERED NOSE



TAPERED NOSE FASCIA 146" (3.7 M) LENGTH

CAT. NO.	SIZE#	FINISH*
AWB8X	8" (203 mm) Tapered Nose	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify powder coat or KYNAR® paint color when ordering.

New!

12" BULLNOSE



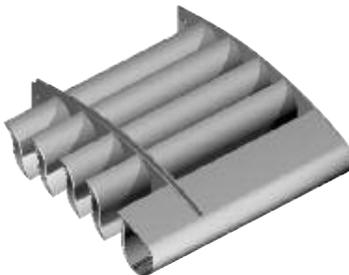
BULLNOSE FASCIA 146" (3.7 M) LENGTH

CAT. NO.	SIZE#	FINISH*
AWB12X	12" (305 mm) Bullnose	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify powder coat or KYNAR® paint color when ordering.

New!

TEAR DROP TWO-PIECE



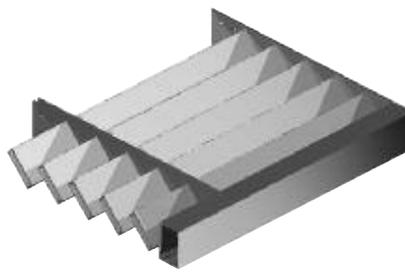
TEAR DROP TWO-PIECE FASCIA 240" (6.1) LENGTH

CAT. NO.	SIZE#	FINISH*
AWFTDUS	4" (102 mm) Tear Drop	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify powder coat or KYNAR® paint color when ordering.

New!

SQUARE TWO-PIECE



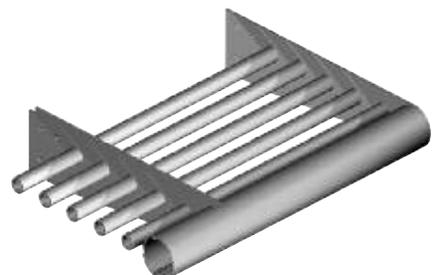
SQUARE TWO-PIECE FASCIA 240" (6.1) LENGTH

CAT. NO.	SIZE#	FINISH*
AWFSTUS	4" (102 mm) Square	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify powder coat or KYNAR® paint color when ordering.

New!

ROUND TWO-PIECE



SQUARE TWO-PIECE FASCIA 240" (6.1) LENGTH

CAT. NO.	SIZE#	FINISH*
AWFRUS	4" (102 mm) Round	Specify

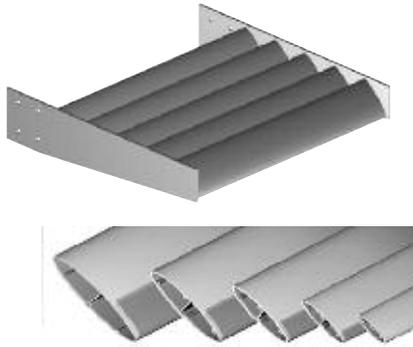
Minimum order: 1 stock length. #Must ship common carrier.
*Specify powder coat or KYNAR® paint color when ordering.

CRL "BUILD YOUR OWN" CUSTOM SUNSHADES

AIRFOIL BLADES

- Five Standard Sizes in Powder Paint, KYNAR®, Clear Anodized, and Bronze Anodized Finishes
- 146" (3.7 m) Stock Lengths
- Custom Sizes Also Available

CRL's standard selection of Airfoil Blades includes five different sizes. Other sizes and configurations are available on a minimum special order basis.



146" (3.7 M) AIRFOIL BLADES

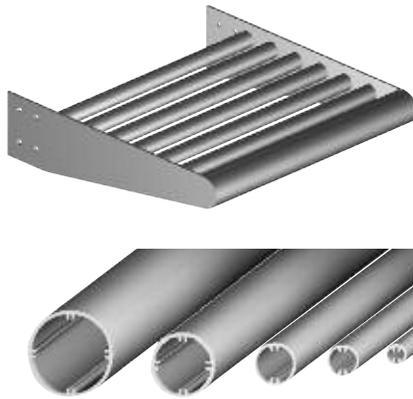
CAT. NO.	SIZE#	FINISH*
AX04	4" (102 mm)	Specify
AX06	6" (152 mm)	Specify
AX08	8" (203 mm)	Specify
AX010	10" (254 mm)	Specify
AX012	12" (305 mm)	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify finish when ordering. AX012 also available in 240" (6.1 m) lengths.

ROUND TUBE BLADES

- Five Standard Sizes in Powder Paint, KYNAR®, Clear Anodized, and Bronze Anodized Finishes
- 146" (3.7 m) Stock Lengths
- Custom Sizes Also Available

CRL's standard selection of Round Tube Blades includes five different sizes. Other sizes and configurations are available on a minimum special order basis.



146" (3.7 M) ROUND TUBE BLADES

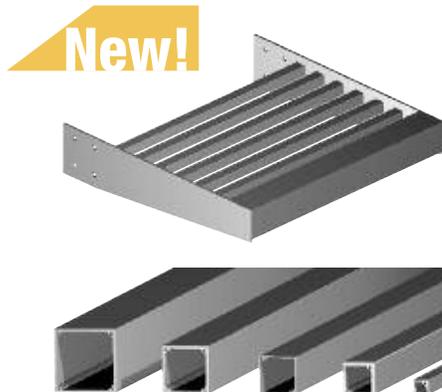
CAT. NO.	DIAMETER#	FINISH*
AXR1	1" (25 mm)	Specify
AXR112	1-1/2" (38 mm)	Specify
AXR2	2" (51 mm)	Specify
AXR3	3" (76 mm)	Specify
AXR4	4" (102 mm)	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify finish when ordering.

SQUARE TUBE BLADES

- Five Standard Sizes in Powder Paint, KYNAR®, Clear Anodized, and Bronze Anodized Finishes
- 146" (3.7 m) Stock Lengths
- Custom Sizes Also Available

CRL's standard selection of Square Tube Blades includes five different sizes. Other sizes and configurations are available on a minimum special order basis.



146" (3.7 M) SQUARE TUBE BLADES

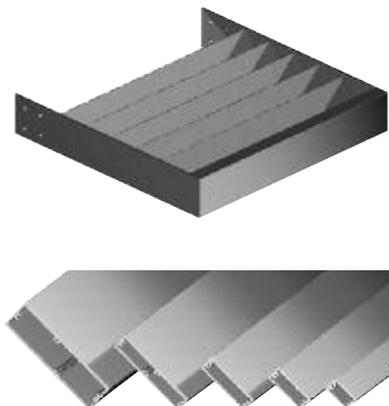
CAT. NO.	SIZE (W X H)#	FINISH*
AXS1	1" x 1" (25 x 25 mm)	Specify
AXS2	2" x 2" (51 x 51 mm)	Specify
AXS23	2-3/8" x 2-3/8" (60 x 60 mm)	Specify
AXS3	3" x 3" (76 x 76 mm)	Specify
AXS4	4" x 4" (102 x 102 mm)	Specify

Minimum order: 1 stock length. #Must ship common carrier.
*Specify finish when ordering.

RECTANGULAR TUBE BLADES

- Five Standard Sizes in Powder Paint, KYNAR®, Clear Anodized, and Bronze Anodized Finishes
- 146" (3.7 m) Stock Lengths
- Custom Sizes Also Available

CRL's standard selection of Rectangular Tube Blades includes five different sizes. Other sizes and configurations are available on a minimum special order basis.



146" (3.7 M) RECTANGULAR TUBE BLADES

CAT. NO.	SIZE (W X H)#	FINISH*
AXRC1X2	1" x 2" (25 x 51 mm)	Specify
AXRC1X3	1" x 3" (25 x 76 mm)	Specify
AXRC1X4	1" x 4" (25 x 102 mm)	Specify
AXRC1X6	1" x 6" (25 x 152 mm)	Specify
AXRC2X8	2" x 8" (51 x 203 mm)	Specify

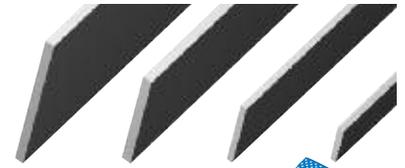
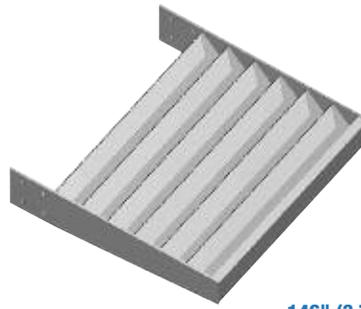
Minimum order: 1 stock length. #Must ship common carrier.
*Specify finish when ordering.

CRL "BUILD YOUR OWN" CUSTOM SUNSHADES

FLAT BAR BLADE EXTRUSIONS

- 146" (3.7 m) Stock Lengths in Powder or KYNAR® Paint Finishes
- Twelve Standard Sizes
- Custom Sizes Also Available

CRL's standard selection of Flat Bar Stock Blades includes twelve different width sizes. Each Blade comes in a 146" (3.7 m) stock length, and is available in Powder or KYNAR® Painted finishes, you specify at time of order. Custom sizes and configurations are available upon request.



146" (3.7 M) FLAT BAR EXTRUSIONS#

CAT. NO.*	WIDTH	THICKNESS
AXF34X18	3/4" (19 mm)	1/8" (3.2 mm)
AXF1X18	1" (25 mm)	1/8" (3.2 mm)
AXF114X18	1-1/4" (32 mm)	1/8" (3.2 mm)
AXF112X18	1-1/2" (38 mm)	1/8" (3.2 mm)
AXF134X18	1-3/4" (45 mm)	1/8" (3.2 mm)

Minimum order: 1 stock length. #Must ship common carrier. *Specify finish when ordering.

146" (3.7 M) FLAT BAR EXTRUSIONS#

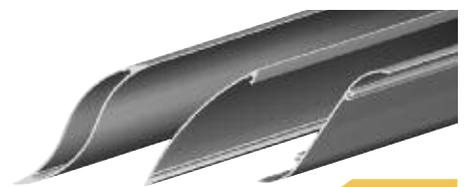
CAT. NO.*	WIDTH	THICKNESS
AXF2X14	2" (51 mm)	1/4" (6.3 mm)
AXF214X14	2-1/4" (57 mm)	1/4" (6.3 mm)
AXF212X14	2-1/2" (63 mm)	1/4" (6.3 mm)
AXF3X14	3" (76 mm)	1/4" (6.3 mm)
AXF4X14	4" (102 mm)	1/4" (6.3 mm)
AXF5X14	5" (127 mm)	1/4" (6.3 mm)
AXF6X14	6" (152 mm)	1/4" (6.3 mm)

Minimum order: 1 stock length. #Must ship common carrier. *Specify finish when ordering.

ALTERNATIVE BLADE EXTRUSIONS

- Powder, KYNAR®, Clear or Bronze Anodized Finishes
- 146" (3.7 m) Stock Lengths
- Custom Sizes Also Available

Two standard Z-Shape Blades with the newly added S-Shape and C-Shape Blades. Each Blade comes in 146" (3.7 m) stock lengths and can be finished in Powder Coat, KYNAR®, Clear Anodized or Bronze Anodized.



New!

146" (3.7 M) "Z" SHAPE EXTRUSIONS#

CAT. NO.*	WIDTH
AXZ1X3	3" (76 mm)
AXZ1X4	4" (102 mm)

Minimum order: 1 stock length. #Must ship common carrier. *Specify finish when ordering.

146" (3.7 M) "S" AND "C" SHAPE EXTRUSIONS#

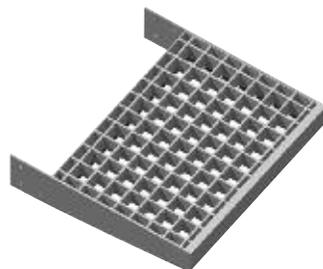
CAT. NO.*	DESCRIPTION
AXZ4ST	S-Shape Tube
AXZ4C	C-Shape
AXZ4S	S-Shape

Minimum order: 1 stock length. #Must ship common carrier. *Specify finish when ordering.

EGG CRATE BLADES

- Powder or KYNAR® Painted Finishes Available
- Two Standard Sizes
- Custom Grid Sizes Also Available

CRL's Standard Egg Crates are constructed of 1/8" x 2" (3.2 x 51 mm) aluminum bar stock. The two standard sizes are 24" x 72" (610 x 1829 mm) and 36" x 72" (914 x 1829 mm).



CAT. NO.*	SIZE#
AW2E24	24" x 72" (610 x 1829 mm)
AW2E36	36" x 72" (914 x 1829 mm)

Minimum order: 1 each. #Must ship common carrier. *Specify finish when ordering.

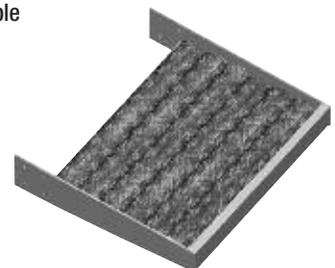


CORRUGATED STAINLESS STEEL PERFORATED BLADES

New!

- Powder or KYNAR® Painted Finishes
- Two Standard Sizes
- Custom Grid Sizes Also Available

Our Corrugated Stainless Steel Perforated Blades provide a unique look while shading the sun, reducing interior heat, and increase the efficiency of cooling systems.



CAT. NO.*	SIZE#
PN7750	24" x 72" (610 x 1829 mm)
PN7751	36" x 72" (914 x 1829 mm)

Minimum order: 1 each. #Must ship common carrier. *Specify finish when ordering.



CRL 7100 SERIES ALUMINUM INTERIOR LIGHT SHELF SYSTEMS

CRL ALUMINUM INTERIOR LIGHT SHELF SYSTEMS

- Three Standard Models With Silver Metallic Powder Paint Finish
- Efficient Light Transmission
- Practical Design for Ease of Installation
- Custom Sizes and Finishes Also Available

New!



The CRL7100 Series Interior Light Shelf bounces incident sunlight deep into a building's interior, evenly distributing natural light towards the ceiling. The result: Efficient light transmission providing superior amounts of actual and perceived natural daylight. This system reduces the need for daytime lighting, helping earn points to meet your LEED® requirements. Available with Round, Square, and Cove Fascia options.

CRL7110 SERIES STANDARD SIZE ROUND FASCIA SYSTEM

CAT. NO.	LENGTH	PROJECTION	FINISH
AW711014SM	48" (1219 mm)	12" (305 mm)	Silver Metallic
AW711016SM	72" (1829 mm)	12" (305 mm)	Silver Metallic
AW711018SM	96" (2438 mm)	12" (305 mm)	Silver Metallic
AW711024SM	48" (1219 mm)	24" (610 mm)	Silver Metallic
AW711026SM	72" (1829 mm)	24" (610 mm)	Silver Metallic
AW711028SM	96" (2438 mm)	24" (610 mm)	Silver Metallic

Minimum order: 1 each. Must ship common carrier.

CRL7120 SERIES STANDARD SIZE SQUARE FASCIA SYSTEM

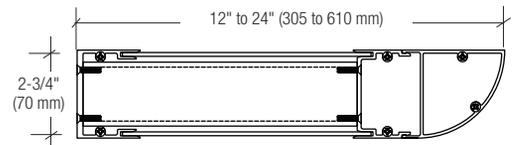
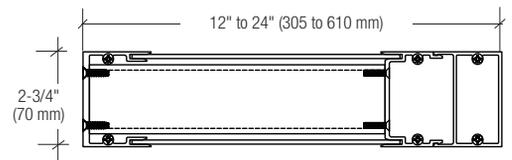
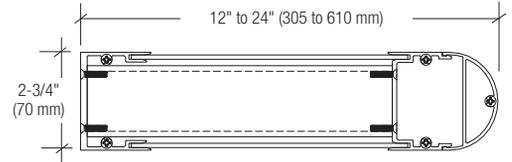
CAT. NO.	LENGTH	PROJECTION	FINISH
AW712014SM	48" (1219 mm)	12" (305 mm)	Silver Metallic
AW712016SM	72" (1829 mm)	12" (305 mm)	Silver Metallic
AW712018SM	96" (2438 mm)	12" (305 mm)	Silver Metallic
AW712024SM	48" (1219 mm)	24" (610 mm)	Silver Metallic
AW712026SM	72" (1829 mm)	24" (610 mm)	Silver Metallic
AW712028SM	96" (2438 mm)	24" (610 mm)	Silver Metallic

Minimum order: 1 each. Must ship common carrier.

CRL7130 SERIES STANDARD SIZE COVE FASCIA SYSTEM

CAT. NO.	LENGTH	PROJECTION	FINISH
AW713014SM	48" (1219 mm)	12" (305 mm)	Silver Metallic
AW713016SM	72" (1829 mm)	12" (305 mm)	Silver Metallic
AW713018SM	96" (2438 mm)	12" (305 mm)	Silver Metallic
AW713024SM	48" (1219 mm)	24" (610 mm)	Silver Metallic
AW713026SM	72" (1829 mm)	24" (610 mm)	Silver Metallic
AW713028SM	96" (2438 mm)	24" (610 mm)	Silver Metallic

Minimum order: 1 each. Must ship common carrier.



CRL 7100 SERIES ALUMINUM INTERIOR LIGHT SHELF SYSTEMS

STEP 1 - MOUNTING CHANNEL (Specify)



"C" MOUNTING CHANNEL 146" (3.7) LENGTH#

CAT. NO.	SIZE	FINISH
AWMC2M	2-3/4" (70 mm)	Mill
AWMC2SM	2-3/4" (70 mm)	Silver Metallic
AWMC2PTC	2-3/4" (70 mm)	Powder Coat (Specify)

Minimum order: 1 each. #Must ship common carrier.

STEP 2 - FASCIA OPTIONS (Specify)



ROUND FASCIA 146" (3.7 M) LENGTH#

CAT. NO.	FINISH
AWF275M	Mill
AWF275SM	Silver Metallic
AWF275PTC	Powder Coat (Specify)

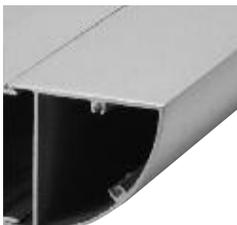
Minimum order: 1 each. #Must ship common carrier.



SQUARE FASCIA 146" (3.7 M) LENGTH#

CAT. NO.	FINISH
AWFS275M	Mill
AWFS275SM	Silver Metallic
AWFS275PTC	Powder Coat (Specify)

Minimum order: 1 each. #Must ship common carrier.



COVE FASCIA 146" (3.7 M) LENGTH#

CAT. NO.	FINISH
AWMFC275M	Mill
AWMFC275SM	Silver Metallic
AWMFC275PTC	Powder Coat (Specify)

Minimum order: 1 each. #Must ship common carrier.

STEP 3 - INFILL PANEL OPTIONS (Specify)



ALUMINUM .125" (3.2 MM) SOLID METAL (CUT TO SIZE)

CAT. NO.	"A" DIMENSION	"B" DIMENSION	FINISH
PN18MLC	Specify	Specify	Mill
PN18SMC	Specify	Specify	Silver Metallic
PN18PTC	Specify	Specify	Powder Coat (Specify)

Minimum order: 1 each.

STEP 4 - END CAPS (Specify)



CRL7110 SERIES END CAPS

CAT. NO.	SIZE	FINISH
AW71101ECM	12" (305 mm)	Mill
AW71101ECSM	12" (305 mm)	Silver Metallic
AW71101ECPT	12" (305 mm)	Powder Coat (Specify)
AW71102ECM	24" (610 mm)	Mill
AW71102ECSM	24" (610 mm)	Silver Metallic
AW71102ECPT	24" (610 mm)	Powder Coat (Specify)

Minimum order: 1 each.



CRL7120 SERIES END CAPS

CAT. NO.	SIZE	FINISH
AW71201ECM	12" (305 mm)	Mill
AW71201ECSM	12" (305 mm)	Silver Metallic
AW71201ECPT	12" (305 mm)	Powder Coat (Specify)
AW71202ECM	24" (610 mm)	Mill
AW71202ECSM	24" (610 mm)	Silver Metallic
AW71202ECPT	24" (610 mm)	Powder Coat (Specify)

Minimum order: 1 each.



CRL7130 SERIES END CAPS

CAT. NO.	SIZE	FINISH
AW71301ECM	12" (305 mm)	Mill
AW71301ECSM	12" (305 mm)	Silver Metallic
AW71301ECPT	12" (305 mm)	Powder Coat (Specify)
AW71302ECM	24" (610 mm)	Mill
AW71302ECSM	24" (610 mm)	Silver Metallic
AW71302ECPT	24" (610 mm)	Powder Coat (Specify)

Minimum order: 1 each.

STEP 5 - COLOR OPTIONS (Specify)



CRL also offers over 250 RAL or NEWLAR® Color Powder Paints, as well as KYNAR® Custom Paints which can be applied to Sunshades. Please contact Architectural and Ornamental Metals Technical Sales for additional information.

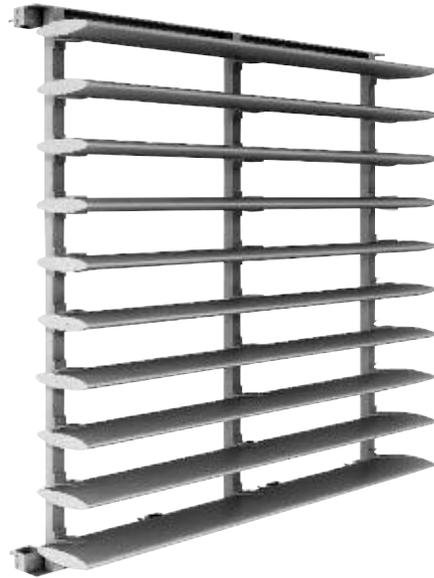
CRL 8010/8020 SERIES ALUMINUM VERTICAL SCREEN SYSTEMS

CRL8010 ALUMINUM AIRFOIL VERTICAL SCREEN

- Improves Design and Aesthetics of the Building
- Reduces Direct Sunlight While Maintaining View
- Custom Made to Your Specifications
- Custom Powder or KYNAR® Paint Finishes

New!

CRL Vertical Screens not only provide solar protection but also add to the aesthetics of the building. Vertical Screens can also be used to conceal unsightly equipment at buildings and protect the appearance of the structure. Each Vertical Screen System is built to specifications in our Los Angeles facility under strict standards that put CRL at the forefront of manufacturing excellence.



CAT. NO. AW8010*

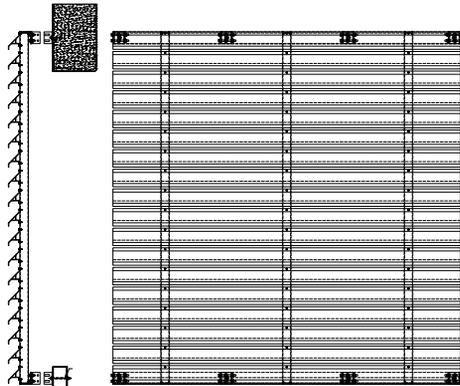
*Must Specify Finish



CRL8020 ALUMINUM "Z" BLADE VERTICAL SCREEN

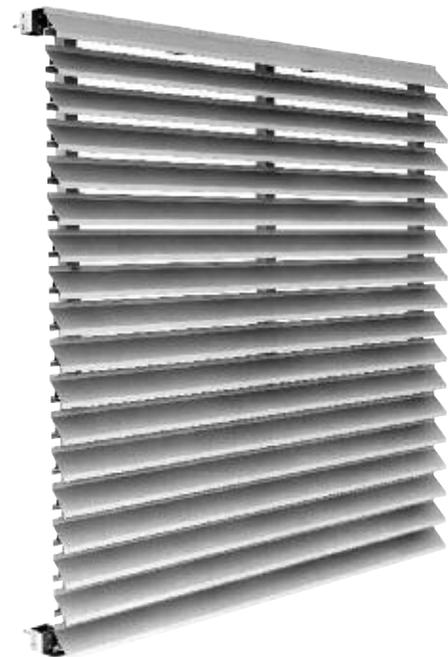
- Reduces Direct Sunlight
- Custom Made to Your Specifications
- Custom Powder or KYNAR® Paint Finishes

New!



CAT. NO. AW8020*

*Must Specify Finish



CRL VERTICAL SCREEN MOUNTING BRACKETS

- Structurally Designed to Meet the Load Values Required on the Project
- For Metal or Concrete Attachment
- Powder or KYNAR® Paint Finishes Available



CRL engineers and fabricates structural sound Vertical Screen Mounting Brackets for concrete or steel support. We also have the manufacturing and engineering resources to design and manufacturer Custom Brackets to meet your installation needs.



(Two Sets Shown)

CAT. NO.	FINISH
AWSB3CM	Mill
AWSB3CSM	Silver Metallic
AWSB3CPTC	Powder Coat (Specify)

Minimum order: 1 set.

CRL "BUILD YOUR OWN" VERTICAL SCREENS

STEP 1 - BLADE OPTIONS (Specify)

- Two Styles Available in 20' (6.1 m) Stock Lengths



"Z" BLADE 240" (6.1 M) LENGTH#

CAT. NO.	FINISH
AWFZ275M	Mill
AWFZ275SM	Silver Metallic
AWFZ275PTC	Powder Coat (Specify)

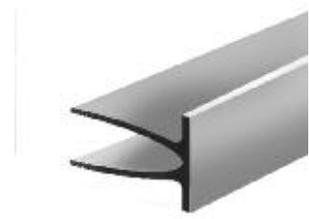
Minimum order: 1 stock length. #Must ship common carrier.



17" (432 MM) AIRFOIL BLADE 240" (6.1 M) LENGTH#

CAT. NO.	FINISH
AX017M	Mill
AX017SM	Silver Metallic
AX017PTC	Powder Coat (Specify)

Minimum order: 1 stock length. #Must ship common carrier.



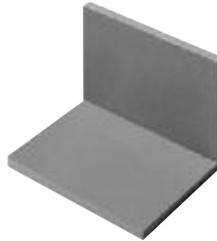
17" (432 MM) AIRFOIL CONNECTION BRACKET

CAT. NO.	FINISH
AW80BKM	Mill
AW80BKSM	Silver Metallic
AW80BKPTC	Powder Coat (Specify)

Minimum order: 1 each.

STEP 2 - FRAME SUPPORTS (Specify)

- Stock Pieces; No Prep Required
- Fully Fabricated Components
- Powder Coat or KYNAR® Paint Finishes Available



4" X 4" SUPPORT ANGLE 240" (6.1 M) LENGTH#

CAT. NO.	SIZE (W X H)	FINISH
AXL4X4M	4" x 4" (102 x 102 mm)	Mill
AXL4X4SM	4" x 4" (102 x 102 mm)	Silver Metallic
AXL4X4PTC	4" x 4" (102 x 102 mm)	Powder Coat (Specify)

Minimum order: 1 stock length. #Must ship common carrier.

CRL's standard selection of Vertical Screen Horizontal Support Angle and Vertical Support Tube gives you the ability to fabricate your own systems or order replacement parts quickly.



VERTICAL SUPPORT TUBE 146" (3.7 M) LENGTH#

CAT. NO.	SIZE (W X H)	FINISH
AXRC1X3M	1" x 3" (25 x 76 mm)	Mill
AXRC1X3SM	1" x 3" (25 x 76 mm)	Silver Metallic
AXRC1X3PTC	1" x 3" (25 x 76 mm)	Powder Coat (Specify)

Minimum order: 1 stock length. #Must ship common carrier.

STEP 3 - END CAPS (Specify)

- Exclusively for 17" (432 mm) Airfoil Blade
- Installation Screws Included



CAT. NO.	FINISH
AW8010ECM	Mill
AW8010ECSM	Silver Metallic
AW8010ECPT	Powder Coat (Specify)

Minimum order: 1 each.

STEP 4 - COLOR OPTIONS (Specify)

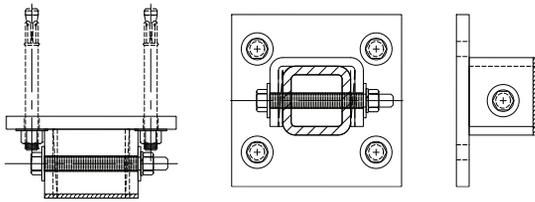


CRL also offers over 250 RAL or NEWLAR® Color Powder Paints, as well as KYNAR® Custom Paints which can be applied to Sunshades. Please contact Architectural and Ornamental Metals Technical Sales for additional information.

CRL AT710 SERIES CUSTOM ALUMINUM TRELLIS WITH T-BRACKET MOUNTING OPTION

- Custom Made to Your Specifications
- Improves Design and Aesthetics of the Building
- Reduces Direct Sunlight
- Powder or KYNAR® Coated Finishes

CRL offers the AT710 Series Aluminum Trellis in custom sizes. CRL will custom manufacture the AT710 Series to exactly your specifications in our state-of-the-art manufacturing facility in Los Angeles, California. Contact CRL Architectural and Ornamental Metals Technical Sales for additional information.



T-Bracket Mounting



New!

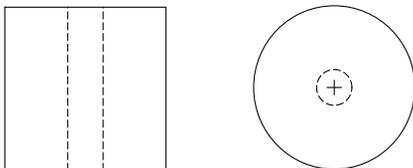
CAT. NO. AT710*

*Must Specify Finish

CRL AT720 SERIES CUSTOM ALUMINUM TRELLIS WITH STANDOFF MOUNTING OPTION

- Custom Made to Your Specifications
- Improves Design and Aesthetics of the Building
- Reduces Direct Sunlight
- Powder or KYNAR® Coated Finishes

CRL offers the AT720 Series Aluminum Trellis in custom sizes. CRL will custom manufacture the AT720 Series to exactly your specifications in our state-of-the-art manufacturing facility in Los Angeles, California. Contact CRL Architectural and Ornamental Metals Technical Sales for additional information.



Standoff Mounting



New!

CAT. NO. AT720*

*Must Specify Finish

CRL "BUILD YOUR OWN" CUSTOM TRELLIS

STEP 1 - FRAMING OPTION (Specify)



1/2" FRAME 146" (3.7 M) LENGTH#

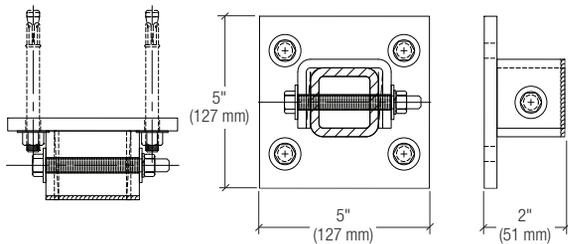
CAT. NO.	SIZE	FINISH
AXF8X12M	1/2" x 8" (12.7 x 203 mm)	Mill
AXF8X12SM	1/2" x 8" (12.7 x 203 mm)	Silver Metallic
AXF8X12PTC	1/2" x 8" (12.7 x 203 mm)	Powder Coat (Specify)

Minimum order: 1 stock length. #Must ship common carrier.

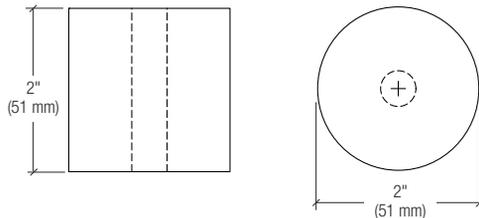
STEP 3 - MOUNTING BRACKET OPTIONS (Specify)

- Two Proven, Structurally Sound Mounting Brackets
- Custom Brackets Also Available to Meet Your Needs

T-BRACKET AT710 SERIES



ATSB2 STANDOFF BRACKET FOR AT720 SERIES



CAT. NO.	STYLE	FINISH
ATSB1CM	T-Bracket for AT710 Series	Mill
ATSB1CPT	T-Bracket for AT710 Series	Powder Coat (Specify)
ATSB1CKN	T-Bracket for AT710 Series	KYNAR® (Specify)
ATSB2CM	Standoff Bracket for AT720 Series	Mill
ATSB2CPT	Standoff Bracket for AT720 Series	Powder Coat (Specify)
ATSB2CKN	Standoff Bracket for AT720 Series	KYNAR® (Specify)

Minimum order: 1 each.

STEP 2 - INFILL BLADE OPTIONS (Specify)

- Airfoil Profile in Three Standard Sizes
- Mill, Powder Coat, or KYNAR® Finishes



AIRFOILS 146" (3.7 M) LENGTH#

CAT. NO.	SIZE	FINISH
AX08M	8" (203 mm)	Mill
AX08PT	8" (203 mm)	Powder Coat (Specify)
AX08KN	8" (203 mm)	KYNAR® (Specify)
AX010M	10" (254 mm)	Mill
AX010PT	10" (254 mm)	Powder Coat (Specify)
AX010KN	10" (254 mm)	KYNAR® (Specify)
AX012M	12" (305 mm)	Mill
AX012PT	12" (305 mm)	Powder Coat (Specify)
AX012KN	12" (305 mm)	KYNAR® (Specify)

Minimum order: 1 stock length. #Must ship common carrier.

- Rectangular Profile in 146" (3.7 m) Stock Lengths
- Mill, Powder Coat, or KYNAR® Finishes



RECTANGULAR TUBE 146" (3.7 M) LENGTH#

CAT. NO.	SIZE	FINISH
AXRC2X8M	2" x 8" (51 x 203 mm)	Mill
AXRC2X8PT	2" x 8" (51 x 203 mm)	Powder Coat (Specify)
AXRC2X8KN	2" x 8" (51 x 203 mm)	KYNAR® (Specify)

Minimum order: 1 stock length. #Must ship common carrier.

STEP 4 - COLOR OPTIONS (Specify)



CRL also offers over 250 RAL or NEWLAR® Color Powder Paints, as well as KYNAR® Custom Paints which can be applied to Sunshades. Please contact Architectural and Ornamental Metals Technical Sales for additional information.

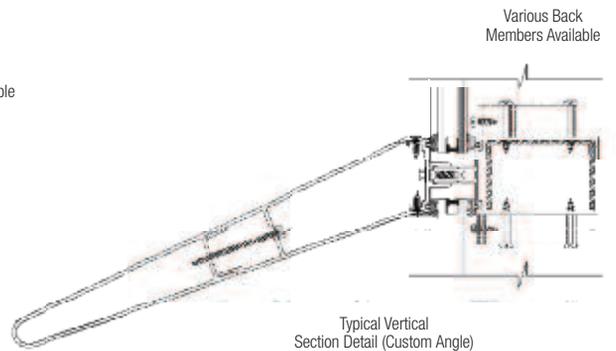
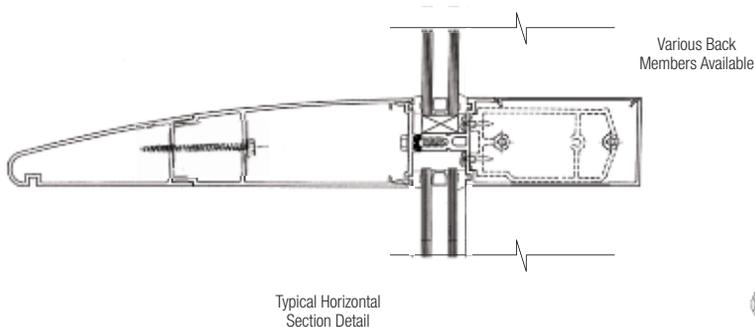
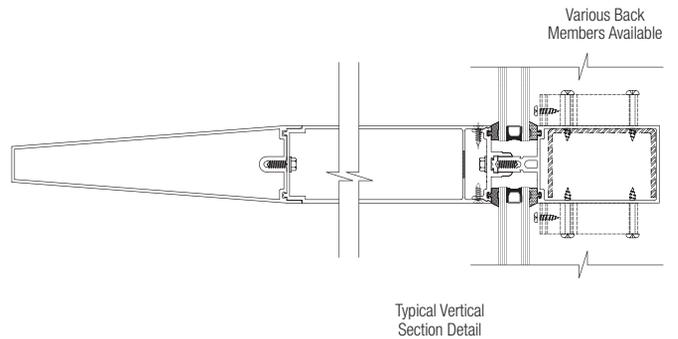
CRL EXTRUDED ALUMINUM SUN CONTROL PANELS

CRL EXTRUDED ALUMINUM SUN CONTROL PANELS

- Designed for Our Series 3250 Curtain Wall System
- Vertical or Horizontal Mounting Options
- Structurally Designed to Meet Project-Required Load Values
- Retrofit Options Available
- Available in Stock Lengths Up to 24' (7.3 M)
- Several Profiles to Choose From

Sun Control Panels are now available using fins for vertical and horizontal sun shades. These extrusions snap and mechanically fasten directly onto our popular Series 3250 Curtain Wall System, to allow varying amounts of sunlight to enter into the building, providing a healthy environment for the occupants.

For additional information contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also email us at archmetals@crlaurence.com.



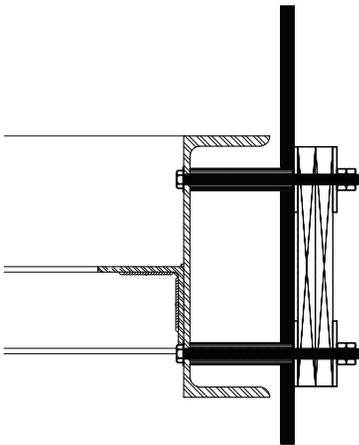
CRL ALUMINUM AND STEEL CANOPIES

- C-Shaped or Tube-Shaped Fascias
- Available Materials Include: Aluminum, Stainless Steel, or Painted Steel
- Infill Options Include: Fiberglass Square Screen, Perforated Metals, Aluminum Blades, or Tempered Laminated Glass
- Modular Hanger Rod Designs Available
- Custom Sizes and Finishes, Made to Your Specifications

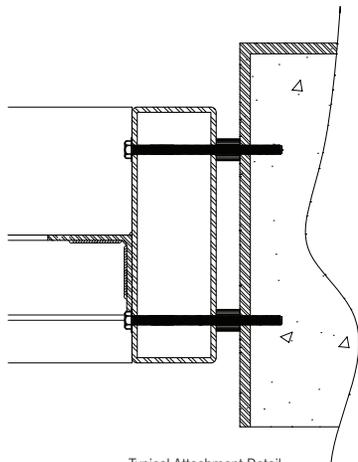


CRL fabricates custom Canopies that are both functional and aesthetically pleasing to the eye. We can be involved in all phases of your project from initial design to delivery, with every step controlled by processes that meet strict ISO standards. Our Los Angeles, California manufacturing facility staff incorporates fine craftsmanship and experience in the design, fabrication, and finishing of architectural Metal Canopies. Custom brackets, architectural finishes, and canopy infills are always an option, so you won't have to be limited to just a few. We specialize in meeting your requirements.

For more information on custom Canopies contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also e-mail us at archmetals@crlaurence.com.



Typical Attachment Detail



Typical Attachment Detail



CRL's C-Shaped Canopies are completely fabricated and shipped ready to install.

CAT. NO. CANCS1C



CRL's Tube-Shaped Canopies are completely fabricated and shipped ready to install.

CAT. NO. CANTS1C

CRL GLASS AWNINGS

CRL GLASS AWNING SUPPORT SYSTEM

- Complete Hardware System for 9/16" (14 mm) Tempered Laminated Glass Awnings
- Provides Protection From the Weather Without Obstructing the View
- Adjustable Slope for Most Weather Conditions
- All High Grade 316 Alloy Stainless Steel Components for Panel Sizes Up to 48" (1219 mm) Wide and 72" (1829 mm) Long With Two Rods and Mounting Kits
- Easy Installation Allows an Economical and Elegant Solution for Both Commercial and Residential Applications

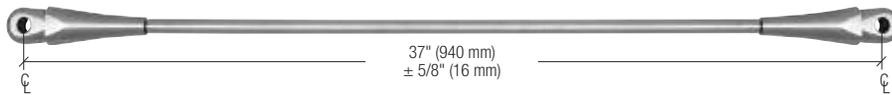
The CRL Glass Awning Support System will give any entrance an uncomplicated, graceful look. With the use of tempered laminated glass you can add a range of glass colors, textures, and special effects not available with typical monolithic glass. This complements and enhances the design of any building.

The use of eye and fork connections makes the installation of our Awning System quick and easy. The Connecting Rods are designed to make field adjustments on varying job conditions a snap. All components are 316 Alloy Stainless Steel for durability in even the harshest of environments.

For additional information, contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also e-mail us at archmetals@crlaurence.com.

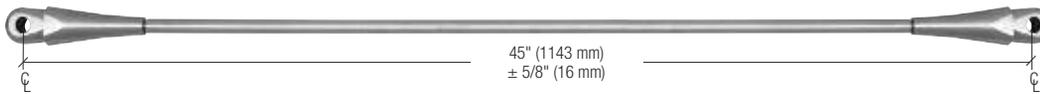


NOTE: Glass Panel Not Included



CAT. NO. GAS137BS
37" Connecting Rod

Custom Rod Length and Mounting Brackets Also Available (see crlaurence.com)



CAT. NO. GAS145BS
45" Connecting Rod



CAT. NO. GAS154BS
54" Connecting Rod

- Brushed Stainless Finish



CAT. NO. GAS122BS

Optional Double Plate Pivot for edge of glass panels furthest from building



Oval Top Mounting Bracket and Pivot for edge of glass furthest from building are connected by one of three available Rod lengths



Bottom Mount and Pivot are connected to each other to support edge of glass nearest the building

CAT. NO. GAS190BS

Mounting Kit

SPECIFICATIONS:

Material: All 316 alloy stainless steel construction.

Typical Panel: 9/16" (14 mm) thick tempered laminated glass comprised of 1/4" (6 mm) tempered glass, .060" (1.5 mm) interlayer, and 1/4" (6 mm) tempered glass.

Glass Fabrication Required: Two 5/8" (16 mm) and two 1-1/16" (27 mm) diameter holes per panel.

Ordering Tip: Though sold individually, two Connecting Rods and two Mounting Kits are required for each panel.

GLASS AWNING SYSTEM COMPONENTS

CAT. NO.	DESCRIPTION
GAS137BS	Rod for 36" (914 mm) Wide Panels*
GAS145BS	Rod for 42" (1067 mm) Wide Panels*
GAS154BS	Rod for 48" (1219 mm) Wide Panels*
GAS190BS	Mounting Kit Only for One Rod*
GAS122BS	Double Plate Pivot

Minimum order: 1 each. *Two Rods and Two Mounting Kits required for each panel. Stainless Steel Mounting Screws not included.

CRL GLASS AWNING SUPPORT SYSTEM

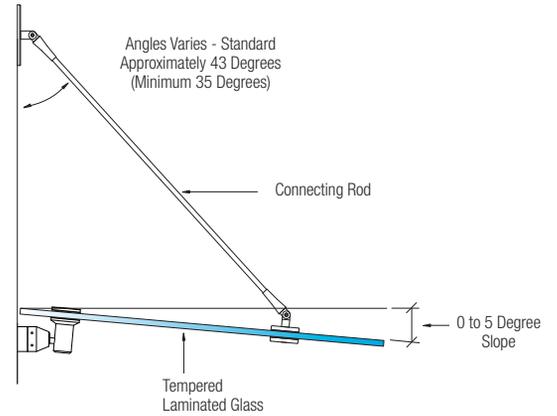
System Components

Stainless Steel Mounts (A and B) and Pivots (C) are contained in the GAS190BS Mounting Kit. Order Connecting Rods (D) to suit panel width and application conditions.

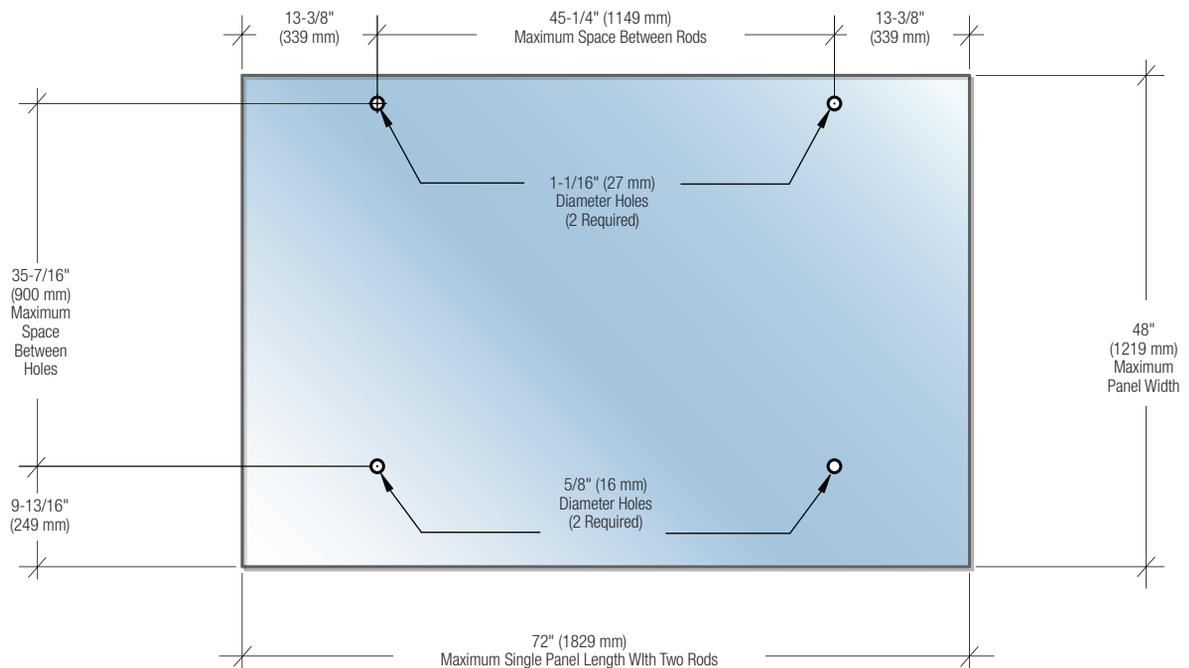


Typical Installation Conditions

The slope of the Awning Panel is limited to a maximum of a 5 degree negative slope from level.



Fabrication and Dimensional Information for Awning Panel



Fabrication of Laminated Units

Awning Panels are constructed using:

- 1/4" (6 mm) tempered glass
- .060" (1.5 mm) interlayer
- 1/4" (6 mm) tempered glass

All of the edges should be polished.

For more information on our Glass Awning System, or for a quote, contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7770. You can also e-mail us at archmetals@crlaurence.com.

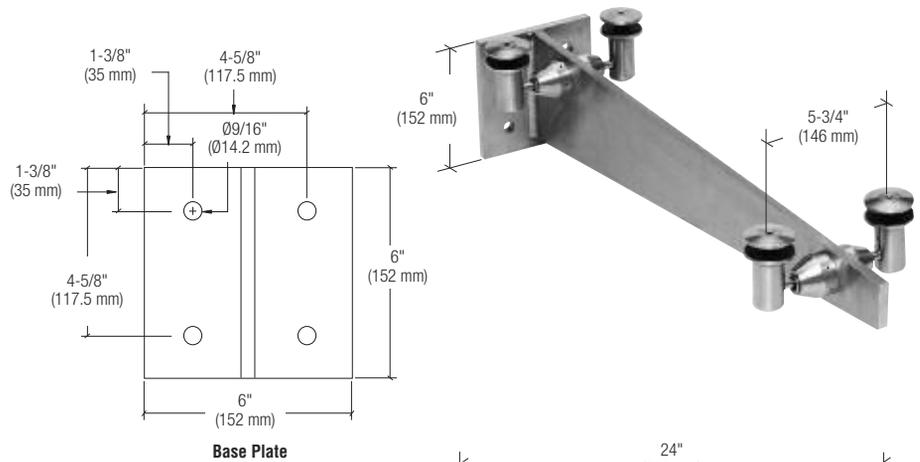
CRL GLASS AWNINGS

CRL UNIVERSAL WALL MOUNTED GLASS AWNING BRACKETS

- Used on Flat or Curved Top Segmented Glass Awnings
- Fabricated From 304 Alloy Stainless Steel
- Available in Brushed or Polished Finishes
- Custom Angles or 45 Degrees Corner Brackets are Available on Special Order
- Requires 9/16" (14 mm) Thick Tempered, Laminated Glass



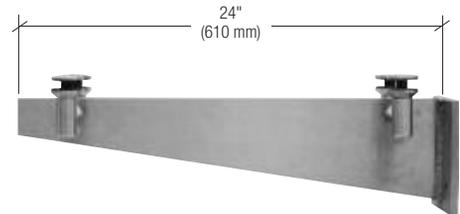
These Universal Wall Mount Glass Awning Brackets have really become popular, not just for their looks, but also their versatility. Each Bracket has four glass attachments that require one 3/4" (19 mm) hole in the glass per attachment. They are designed to be used with 9/16" (14 mm) thick tempered, laminated glass. The swiveling glass attachments adjust 16 degrees (8 degrees in any direction) to accommodate for segmented, bent or warped glass. For special sizes or configurations contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also e-mail us at archmetals@crlaurence.com.



CRL 24" (610 MM) GLASS AWNING BRACKET

CAT. NO.	FINISH
GAB24BS	Brushed Stainless
GAB24PS	Polished Stainless

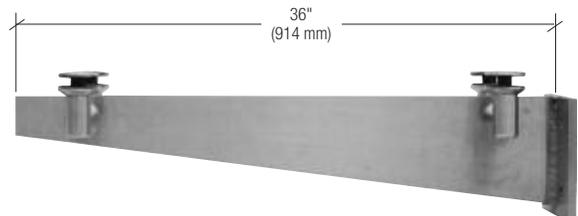
Minimum order: 1 each.



CRL 36" (914 MM) GLASS AWNING BRACKET

CAT. NO.	FINISH
GAB36BS	Brushed Stainless
GAB36PS	Polished Stainless

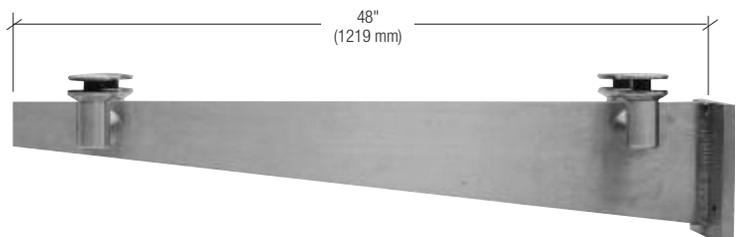
Minimum order: 1 each.



CRL 48" (1219 MM) GLASS AWNING BRACKET

CAT. NO.	FINISH
GAB48BS	Brushed Stainless
GAB48PS	Polished Stainless

Minimum order: 1 each.



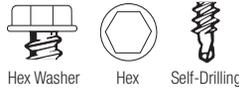
CRL SELF-DRILLING HEX WASHER HEAD #3 SCREWS

- For Aluminum and Steel
- Self-Drilling for Labor Savings
- Immune to Embrittlement Failure



CAT. NO.	SIZE
12X1HWSD	12-14 x 1" (25 mm)
12X2HWSD	12-14 x 2" (51 mm)
14X1HWSD	1/4-14 x 1" (25 mm)
14X2HWSD	1/4-14 x 2" (51 mm)

Minimum order: 50 each. Must order in increments of 50.



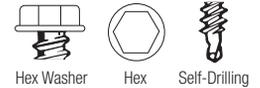
CRL SELF-DRILLING HEX WASHER HEAD SCREWS

- For Exterior Overlapping Sheets and Corner Sheets
- Self-Drilling for Labor Savings
- Side Lap: Steel to Steel
- Rubber Washer Included



CAT. NO.	SIZE
14X78HWSD	1/4-14 x 7/8" (22 mm)

Minimum order: 50 each. Must order in increments of 50.



CRL 8-18 X 3/4" SELF-DRILLING PAN HEAD PHILLIPS SCREWS

- Five Architectural Finishes



CAT. NO.	FINISH
8X34PHPSDBS	Brushed Stainless
8X34PHPSDPS	Polished Stainless
8X34PHSPDPB	Brass Plated
8X34PHPSDSA	Satin Anodized
8X34PHPSDDU	Dark Bronze

Minimum order: 100 each. Must order in increments of 100.



CRL SELF-TAPPING SCREWS FOR ALUMINUM SUNSHADES

- Stainless Steel

These Stainless Steel Flat Head Phillips Self-Tapping Screws fit into the raceways of our Aluminum Sunshades.



CAT. NO.	SIZE
1032X34FHPSS	10-32 x 3/4" (19 mm)
1224X34FHPSS	12-24 x 3/4" (19 mm)
1420X1FMS	1/4-20 x 1" (25 mm)

Minimum order: 50 each. Must order in increments of 50.



CRL STOREFRONT ANCHOR SET

- For Aluminum Storefront

New!



- Includes: 1/2-13 x 1-1/2" (38 mm) Flat socket cap with 1/2" (12.7 mm) riv-nut

CAT. NO.	SIZE
US12X112SET	1/2-13 x 1-1/2" (38 mm)

Minimum order: 50 each. Must order in increments of 50.

CRL BOLT ASSEMBLY FOR ALUMINUM SUNSHADES

- Stainless Steel

CRL Bolt Assemblies for Aluminum Sunshades come complete with:



- 1 Each 3/8"-16 x 2" (51 mm) Stainless Steel Hex Bolt
- 2 Each 3/8" (9.5 mm) Stainless Steel Flat Washers
- 1 Each 3/8" (9.5 mm) Stainless Steel Lock Washer
- 1 Each 3/8"-16 Hex Lock Nut



CAT. NO.	FINISH
AWS38BA	Brushed Stainless

Minimum order: 1 pack.

PHOTO GALLERY



PROJECT: Agua Caliente Casino
LOCATION: Rancho Mirage, CA
ARCHITECT: VOA Associates Inc.
CONTRACTOR: ROEL® Construction, Inc.
PRODUCT: Custom AW77 Series Sunshades



PROJECT: Jewish Home for the Aging
LOCATION: Sherman Oaks, CA
ARCHITECT: WWCOT
CONTRACTOR: Shell's Shapes & Steel, Inc.
PRODUCT: Custom AW77 Series Sunshades



PROJECT: Sunset Gower Studios
LOCATION: Hollywood, CA
ARCHITECT: Jeff Cooper Architects
CONTRACTOR: Walters & Wolf
PRODUCT: Custom Ornamental Metal Sunshade



PROJECT: Portneuf Medical Center
LOCATION: Pocatello, ID
ARCHITECT: Ascencio Group
CONTRACTOR: Precision Glass
PRODUCT: Custom AW77 Series Sunshades



PROJECT: Goodwill Industries
LOCATION: Nashville, TN
ARCHITECT: Hastings Architecture
CONTRACTOR: Alexander Metals
PRODUCT: Custom 7750 Series Sunshades



PROJECT: The Vantage Condominiums
LOCATION: Palo Alto, CA
ARCHITECT: KTG Group, Inc.
CONTRACTOR: Warmington Homes
PRODUCT: Custom CANCS1 Series C-Shape Canopy



PROJECT: Kaiser Permanente
LOCATION: Corona, CA
ARCHITECT: Canon Design
CONTRACTOR: Heineman Contract Glazing
PRODUCT: Custom AW77 Series Sunshades

PHOTO GALLERY



PROJECT: Private Condominiums
LOCATION: Chicago, IL
ARCHITECT: Wallen Gomez
CONTRACTOR: Alko Construction
PRODUCT: Custom Aluminum Airfoil Corner Sunshades



PROJECT: USF Patel Center for Global Solutions
LOCATION: Tampa, FL
ARCHITECT: Ponikvar & Associates Inc.
CONTRACTOR: West Tampa Glass
PRODUCT : Custom AW77 Series Sunshades

METHODS OF ORDERING

ONLINE AT crlaurence.com

- crlaurence.com Never Closes!
- It's the Home of Our Online Catalog

Many of our customers have found the most convenient method of ordering from CRL is through our "self-service" web site. When you use crlaurence.com to place your orders you have many options that other methods don't provide. You set the schedule and the pace because you can sign on 24 hours a day, seven days a week. You can build a personal catalog; even make changes or additions to your orders online. There's no easier way!



TOLL FREE FAX SERVICE

- This Convenient Way of Ordering is Used Over 1,000 Times Every Day

When we introduced toll free fax service in the '80's we had no idea how popular it would become, but now our customers send us over 1,000 orders or quote requests every business day! Fax ordering is very convenient because you can fill out your own purchase orders and then just fax them to us. You can be specific about shipping instructions or other details that will help us serve you. To send your orders or quote requests by toll free fax from anywhere in the U.S. or Canada, just dial **(800) 262-3299**. In Australia the number is **1800 813 013**. In Europe the freefax number is **00 800 0262 3299**.



TOLL FREE CUSTOMER SERVICE ORDER DESK

- Our Friendly, Trained Staff is Always Happy to Hear From You

For over 40 years CRL has provided toll free ordering at **(800) 421-6144**. When you call our Customer Service Order Desk you'll find CRL staff who are trained to provide assistance with CRL products and services. They have instant access to pricing, stock availability, and the status of your account, plus they can connect you to CRL Technical Sales personnel if you need specialized product assistance. Order Desk hours are 6 am to 5 pm (Pacific Time) Monday through Friday, and 7 am to 12 pm Saturdays. In Australia our number is **1800 424 275**. In Europe our freephone number is **00 800 0421 6144**.



WILL CALL TRADE COUNTER

- When You Need It Today, Our Will Call Trade Counter is Your Fastest Option
- Come In and Visit Us at All CRL Service Centers

Every CRL Service Center has a Will Call Trade Counter where you can place and pick up your orders in person. And when you place your order in advance by phone, fax, or over the Internet we can have it ready and waiting for you, which can save you a lot of time. Will Call Trade Counter hours are 8 am to 5 pm Monday through Friday, and 8 am to 12 pm Saturdays. Some of our most experienced people staff our Will Call Trade Counter, and they are always happy to see you. Remember, to save time just place your order in advance.





CRL is a Manufacturer and Supplier of:

Glazing, Architectural, Railing, Construction, Industrial, and Automotive Supplies

Architectural Products

- Entrances
- Storefronts
- Curtain Walls
- Window Walls
- Windows
- Sun Control Systems
- Hurricane Resistant Systems
- Blast Mitigation Systems
- Monumental Doors
- Balanced Doors
- 'All-Glass' Door Rails
- Frameless Showers

National Toll Free Phone
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National Toll Free Fax
(800) 262-3299

Online
crlaurence.com
crl-arch.com

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FAX: (323) 581-6522

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FAX: (404) 696-3386

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FAX: (847) 426-0111

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FAX: (201) 770-1599

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FAX: (604) 448-9322

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FAX: (403) 291-3260

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FAX: (905) 303-7965

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FAX: (514) 352-10175

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FAX: (708) 458-7364

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FAX: (713) 462-1680

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FAX: (305) 884-3111

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