THE BRICK BOOK

COLORS | TEXTURES | ASTM

MUTUALMATERIALS®
www.mutualmaterials.com

SW 9519
Country Tweed

Interior / Exterior

Due to the limitations of photography, the actual product shipped is not guaranteed to duplicate the image shown here.

SW 7006
Extra White

Interior / Exterior
Location Number: 257-C1

THE BRICK BOOK

COLORS | TEXTURES | ASTM

Traditional Tumbled Used

COLOR*: **Westport Used**

TEXTURE: **Tumbled**

TYPE**: **Stocking**

PLANT: **Mica, WA**

COLLECTION: **The Olde Town Collection**

ASTM: **ASTM C-216, SW, FBA**

- *Due to the limitations of photography, the actual product shipped is not guaranteed to duplicate the image shown here. Final color and product selection should be made from actual samples.*

- *** Special Order Colors require a minimum order. Additional production time should be allowed.*

Considering brick for your project?

For samples and ordering information, contact your
Mutual Materials Sales Representative or call
(888) 688-8250.

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THE CMU BOOK

COLORS | TEXTURES | ASTM

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THE CMU BOOK
COLORS | TEXTURES | ASTM

COLOR*: **Charcoal**
TEXTURE: **Split Face**
TYPE**: **Special Order**
PLANT: **Kent, WA; Empire, OR**
ASTM: **ASTM C-90**

- *Due to the limitations of photography, the actual product shipped is not guaranteed to duplicate the image shown here. Final color and product selection should be made from actual samples.*

- *** Special Order Colors require a minimum order. Additional production time should be allowed.*

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THE CMU BOOK
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COLOR*: **Sable**
TEXTURE: **Split Face**
TYPE**: **Special Order**
PLANT: **Kent, WA; Empire, OR**
ASTM: **ASTM C-90**

- *Due to the limitations of photography, the actual product shipped is not guaranteed to duplicate the image shown here. Final color and product selection should be made from actual samples.*

- *** Special Order Colors require a minimum order. Additional production time should be allowed.*

Considering CMU for your project?
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Mutual Materials Sales Representative or call
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THE CMU BOOK
COLORS | TEXTURES | ASTM

COLOR*: **Onyx**
TEXTURE: **Split Face**
TYPE**: **Special Order**
PLANT: **Kent, WA; Empire, OR**
ASTM: **ASTM C-90**

- *Due to the limitations of photography, the actual product shipped is not guaranteed to duplicate the image shown here. Final color and product selection should be made from actual samples.*

- *** Special Order Colors require a minimum order. Additional production time should be allowed.*

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Mutual Materials Sales Representative or call
(888) 688-8250.

MUTUALMATERIALS®
www.mutualmaterials.com

HardiePanel® Vertical Siding Product Description

HardiePanel siding is factory-primed fiber-cement vertical siding available in a variety of sizes and textures. Examples of these are shown below. Textures include smooth, stucco, Cedarmill© and Sierra 8. HardiePanel vertical siding is 5/16 in. thick and is available in 4x8, 4x9 and 4x10 sizes. Please see your local James Hardie dealer for texture and size availability.

HardiePanel vertical siding is available as a prefinished James Hardie® product with ColorPlus® Technology. The ColorPlus coating is a factory applied, oven baked finish available on a variety of James Hardie siding and trim products. See your local dealer for availability of products, color and accessories.
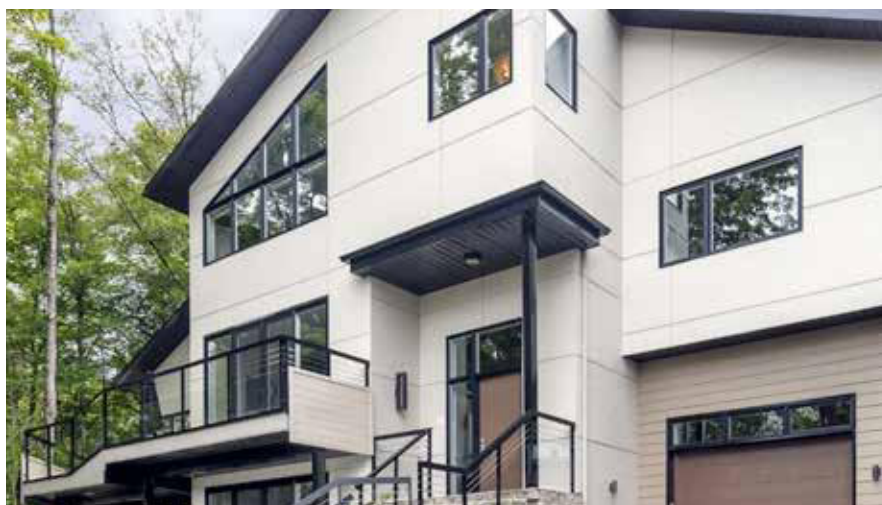
Stucco

Select Cedarmill©

Sierra 8

Smooth

General Product Information

Working Safely

Tools for Cutting and Fastening

General Installation Requirements

General Fastener Requirements

Finishing and Maintenance

HardieWrap® Weather Barrier

HardieTrim® Boards/Battens

HardieSoffit® Panels

HardiePlank® Lap Siding

HardieShingle® Siding

HardiePanel® Vertical Siding

Appendix/ Glossary

ESR-1844 & 2290 Report

HardiePlank®

General Product Information

Working Safely

Tools for Cutting and Fastening

General Installation Requirements

General Fastener Requirements

Finishing and Maintenance

HardieWrap® Weather Barrier

HardieTrim® Boards/Battens

HardieSoffit® Panels

HardiePlank® Lap Siding

HardieShingle® Siding

HardiePanel® Vertical Siding

Appendix/ Glossary

ESR-1844 & 2290 Report

HardiePlank® Lap Siding Product Description

HardiePlank lap siding is factory-primed fiber-cement lap siding available in a variety of styles and textures. Please see your local James Hardie® product dealer for product availability. HardiePlank® lap siding comes in 12 ft. lengths. Nominal widths from 5¼ in. to 12 in. create a range of exposures from 4 in. to 10¾ in.

HardiePlank lap siding is also available with ColorPlus® Technology as one of James Hardie's prefinished products. ColorPlus Technology is a factory applied, oven-baked finish available on a variety of James Hardie siding and trim products. See your local dealer for details and availability of products, colors and accessories.

Select Cedarmill©

Smooth

Beaded Cedarmill©

Beaded Smooth

Custom Colonial Roughsawn®

Custom Colonial Smooth®

WALL AND SOFFIT SERIES
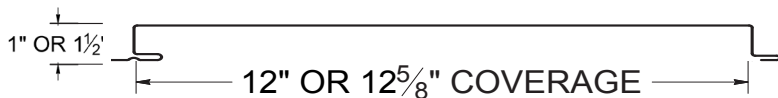
TAYLOR
M E T A L   P R O D U C T S

The **SmoothWall™** Panels will give your commercial or residential projects a clean monolithic appearance. These panels are a perfect fit to be used on walls, soffits and fascia. With the four different panel styles available, your designs will come alive.
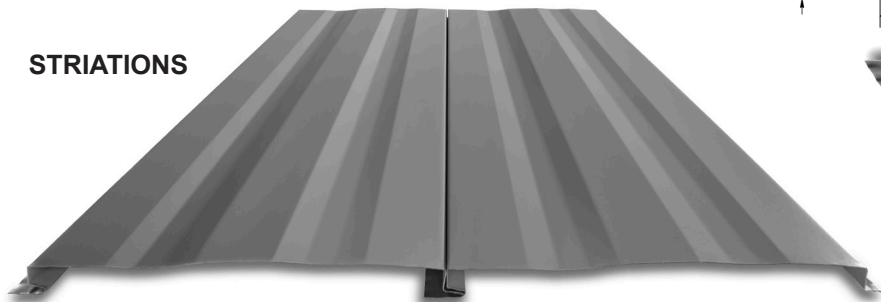
SMOOTHWALL™ KEY FEATURES

• 12" and 12-5/8" coverage options

• 1" or 1-1/2" panel height

• 24 & 22 gauge Tru-gauge™

• Custom Lengths 4' to 35'
  (Inquire on longer or shorter lengths)

• 2' Shortcut capability *(Fee applicable)*

• Panel options: Striations, Flat Pan, Single and Double V-Grooves

• Concealed Fasteners: Fasteners cannot leak

• Versatile in wall and soffit applications

• ASTM E283, ASTM E330, ASTM E331, ASTM E1592

Freedom Center, NW Portland, OR
Featuring SmoothWall™ Panels

SINGLE V-GROOVE
or Double V-Groove available

1" OR 1½"

12" OR 12⅝" COVERAGE

STRIATIONS

Striations help reduce the chance of "oil canning"* and are our most popular and recommended panel profile.

FLAT PAN

## "Quality Products, Exceptional Service."
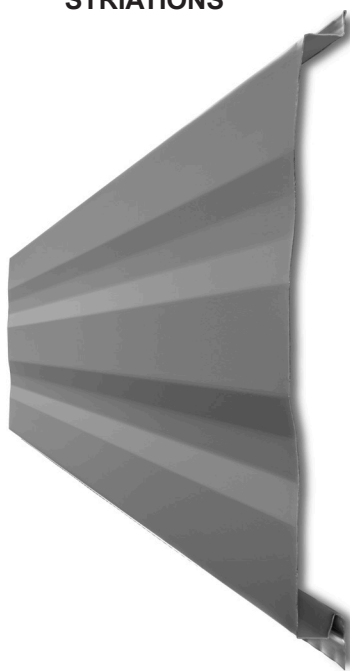
WALL AND SOFFIT SERIES

The **Lifetime Soffit™** provides an attractive alternative to plywood or open soffits and when incorporating perforated soffit panels, offers ventilation into the system. Lifetime Soffit™ panels provide an elegant and cohesively finished appearance to your exterior.

LIFETIME SOFFIT™ KEY FEATURES

• 12" and 12-5/8" coverage options

• 1" or 1-1/2" panel height

• 24 & 22 gauge Tru-gauge™

• Custom Lengths 4' to 35'
  (Inquire on longer or shorter lengths)

• 2' Shortcut capability *(Fee applicable)*

• Panel options: Perforated, Striations, Flat Pan, Single and Double V-Grooves

• Concealed Fasteners: Fasteners cannot leak

• Versatile in soffit, facia and wall applications

• 6.16 sq. inch free air flow per lineal foot of perforated panel

• ASTM E283, ASTM E330, ASTM E331, ASTM E1592

TMP Headquarters, Salem, OR
Featuring Lifetime Soffit™ Panels
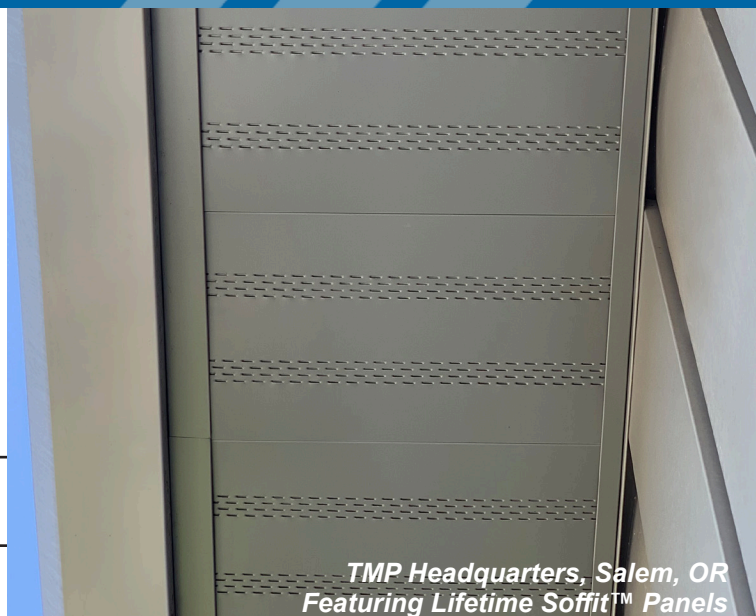
STRIATIONS

DOUBLE V-GROOVE

SINGLE V-GROOVE

1" OR 1½"

12" OR 12⅝" COVERAGE

PERFORATED

TAYLOR
METAL PRODUCTS

The **ShadowLine™** wall panel will give your project a unique appearance. Mix profiles and seam depths for additional architectural interest. The panel reveal displays a shadowing effect that changes throughout the day, giving depth to your building. These panels are a perfect fit to be used on walls, soffits and fascia. ShadowLine™ will bring your designs to life.

SHADOWLINE™ KEY FEATURES

• 11-1/2" to 15" coverage

• 1" or 1-1/2" panel height

• 24 & 22 gauge Tru-Gauge™

• Custom Lengths 4' to 35'
  (Inquire on longer or shorter lengths)

• 2' Shortcut capability *(Fee applicable)*

• Panel options: Striations, Flat Pan, Single and Double V-Grooves

• Concealed Fasteners: Fasteners cannot leak

• Versatile in wall and soffit applications
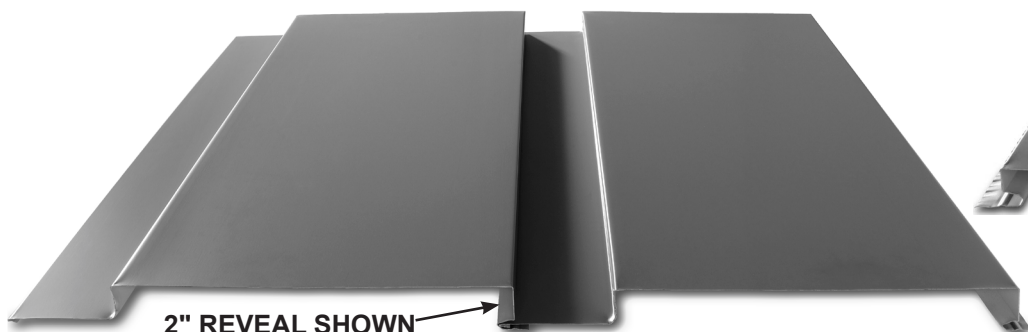
• ASTM E283, ASTM E330, ASTM E331

STRIATIONS

1" OR 1½"

11" MINIMUM COVERAGE

REVEAL AVAILABLE UP TO 3" WITH ½" INCREMENTS
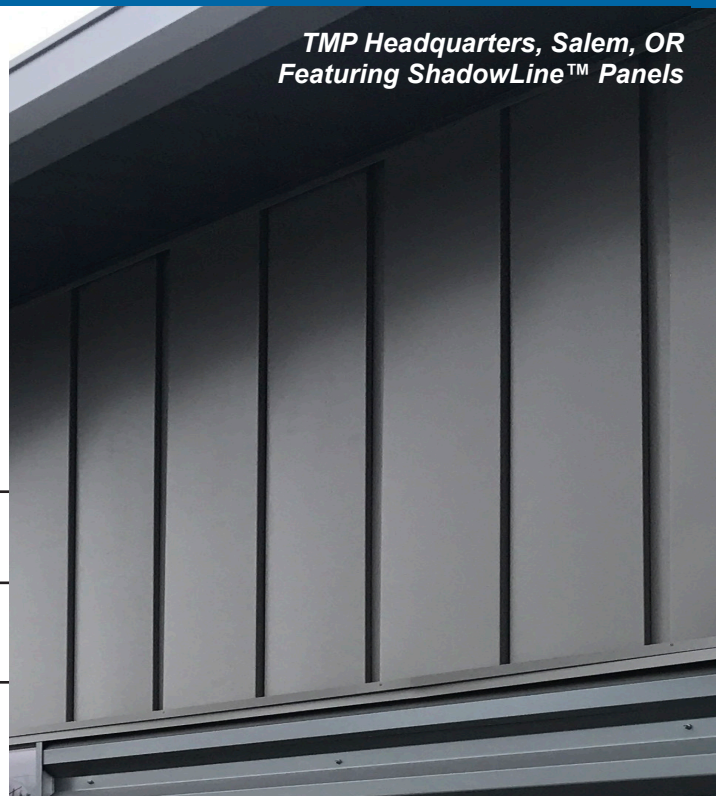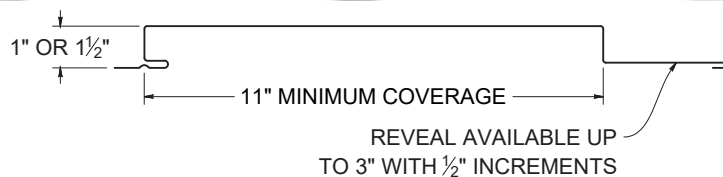
FLAT PAN

2" REVEAL SHOWN

DOUBLE V-GROOVE
or Single V-Groove available

"Quality Products, Exceptional Service."
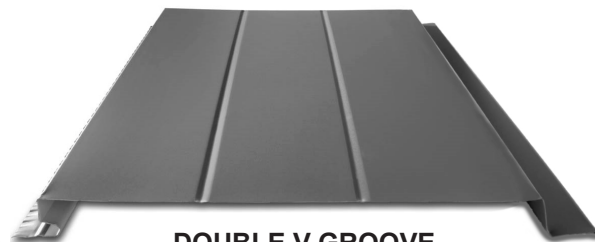
WALL AND SOFFIT SERIES

Metal siding is a great solution for many building owners. There are many exciting and elegant options available to choose from or mix and match panels for extra architectural style. The ease and speed of installation, low maintenance, and energy savings have all proven to be remarkable cost benefits.

Metal siding is the obvious route for the discerning and forward-thinking owner. Longevity is one of the top reasons owners choose metal siding. Chances are good that a metal siding system will not need to be replaced or upgraded, so it will essentially pay for itself over the course of the years. It's return on investment is above average on recouping the costs you spend.

Manufactured with recycled material and 100% recyclable after the lifespan of the building, metal siding is a great choice for environmentally conscientious individuals.

Properly installed metal siding systems contribute to a weather resistant building. Lower energy bills in the summer, reduction of greenhouse gas emissions from electricity and exceptional resistance to moisture are only some of the benefits of metal siding.

Kuerbis Home, Portland, OR
Featuring SmoothWall™ & Easy-Lock™ Panels

SAFETY: CLASS A FIRE RATING

Our metal panels are given a Class A fire rating. This means that a building with metal siding and a metal roof is one of the most fire-resistant possible. Panels themselves are non-combustible, will not catch fire or burn, and, under ordinary circumstances, will not melt. Steel's melting point is approximately 2,500°F.

A non-flammable building exterior product is an incomparable safety factor that brings a sense of comfort and security to home ownership.

Champoeg Office, St. Paul, OR
Featuring SmoothWall™ Panels

Additional Benefits: Low to little maintenance is needed, most debris is cleaned away by rain. When needed, simply wash it off and you're done.

Decay-resistant inorganic metal siding also fends off insects and rodents, as they are not attracted to steel. They cannot penetrate and consume metal siding, unlike wood, fiber cement and vinyl alternatives.

800-574-1388
WWW.TAYLORMETAL.COM

TAYLOR
METAL PRODUCTS

Taylor Metal Products siding systems offer endless design opportunities that provide distinctive style and lasting quality to your home or business using what is widely acknowledged as the premier paint system for coating exterior metal. "Cool" Kynar 500® pigments are specifically designed to reflect infrared light, reducing heat gain to a dwelling, and conform with ENERGY STAR® criteria for steep slope cool roofing products.

TMP Headquarters, Salem, OR
Featuring ShadowLine™

Cessna House, Independence, OR
Featuring SmoothWall™ Panels

Whether your project is Residential, Commercial or Agricultural, we can help you design an exceptional Metal Siding System. The team at Taylor goes far beyond just taking your order; contact us today for expert assistance with your project.

WALL AND SOFFIT SERIES

STANDARD COOL KYNAR 500® COLORS
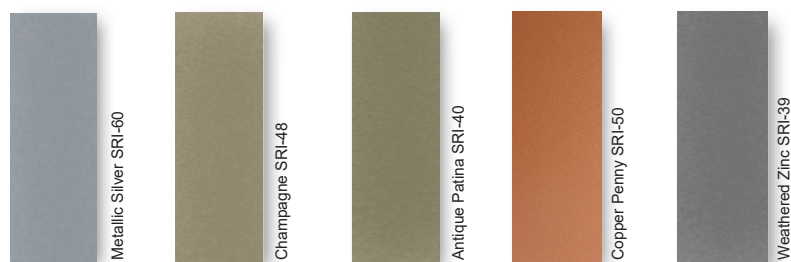
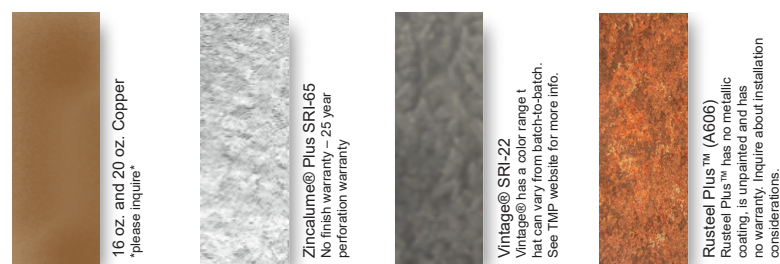**40-YEAR RESIDENTIAL / 20 AND 30 YEAR COMMERCIAL MANUFACTURER'S LIMITED WARRANTY**

Glacier White SRI-85
Sierra Tan SRI-60
Parchment SRI-58
Sterling Grey SRI-44
Zinc Grey SRI-39
Charcoal Grey Grey SRI-25
Saddle Tan SRI-37
Medium Bronze SRI-36
Musket SRI-31
Dark Bronze SRI-22

Tahoe Blue SRI-31
Pacific Blue SRI-26
Hemlock Green SRI-36
Forest Green SRI-24
Pine Green Green SRI-25
Terra Cotta SRI-43
Tile Red SRI-35
Colonial Red SRI-37
Retro Red SRI-42
Graphite Black SRI-26 (formerly: Black)
Matte Black SRI-23

Kynar 500® Paint System - the ultimate in exterior durability and color retention

PREMIUM METALLIC COOL KYNAR 500® COLORS

Metallic Silver SRI-60
Champagne SRI-48
Antique Patina SRI-40
Copper Penny SRI-50
Weathered Zinc SRI-39

STANDARD WEIGHTS		
Gauge	**Pounds per LF & SQFT**	**Pounds per LF & SQFT**
Panel Dimension	**1" x 12"**	**1.5" x 12"**
SMOOTHWALL™ & LIFETIME SOFFIT™		
24ga	1.28 lbs	1.36 lbs
22ga	1.61 lbs	1.71 lbs
SHADOWLINE™		
24ga	1.36 lbs	1.39 lbs
22ga	1.68 lbs	1.72 lbs

SPECIALIZED MATERIAL

16 oz. and 20 oz. Copper *please inquire*

Zincalume® Plus SRI-65 No finish warranty – 25 year perforation warranty

Vintage® SRI-22 Vintage® has a color range that can vary from batch-to-batch. See TMP website for more info.

Rusteel Plus™ (A606) Rusteel Plus™ has no metallic coating, is unpainted and has no warranty. Inquire about installation considerations.

Kynar 500® paint layer
Commercial-grade metal primer
G-90 Galvanized or AZ-50 Zincalume
G-90 Galvanized or AZ-50 Zincalume
Commercial-grade metal primer
Corrosion resistant wash coat

These printed chips provide a close representation of the colors. Metal samples are available upon request.
Coatings are low gloss 10-15% sheen. SRI (Solar Reflective Index) values listed above are in accordance with ASTM E 1980 and are based on actual testing. * "Oil canning" is an inherent characteristic of metal roof and wall panels, and not a defect, which is not a cause for panel rejection.

TAYLOR
METAL PRODUCTS

RIVERSIDE CA | SACRAMENTO CA | SALEM OR | SEATTLE WA | WOODINVILLE WA

WWW.TAYLORMETAL.COM

GAF | EverGuard®TPO

45-Mil **60**-Mil **80**-Mil

Durable. Efficient. Proven.

GAF knows thermoplastic polyolefin (TPO). Our EverGuard® TPO membrane construction has remained unchanged for decades. It's just one of the reasons we've sold more than 6 billion square feet. EverGuard® TPO offers flexibility, durability, UV reflectivity, and heat-sealable properties. It's inherently fungal resistant* and flexible without using plasticizers.

Competitive pricing and a 20-plus-year track record for performance make TPO the most popular option in the commercial roofing industry and specialized training from GAF Roofing It Right videos and CARE classes add to GAF's unmatched technical support.

Installation:

EverGuard® TPO is suitable for all types of single-ply systems:

- **Mechanically Attached** — for a quick and cost-effective system that can be installed practically year-round.

- **Induction Welded** — can be applied without using adhesives and installed practically year round. Qualifies for the same guarantee length as an adhered system.†

- **Adhered** — can be installed with EverGuard® TPO Quick Spray, EverGuard® TPO Quick Spray LV50, EverGuard® TPO Low VOC Bonding Adhesive, EverGuard® TPO 3 Square Low VOC Bonding Adhesive, EverGuard® TPO SBA 1121 Bonding Adhesive, or EverGuard® WB 181 Bonding Adhesive for the smoothest appearance.

Features:

EverGuard® TPO offers the following:

- **Endures 2 to 2.5 times the industry standard**, depending on thickness (ASTM D6878 weather resistance test).

- Offers guarantees for eligible systems up to 20 years for 45 mil, 25 years for 60 mil, and 30 years for 80 mil.†

- Available in 12' rolls to cover more area with fewer rolls and seams

- Allows for heat-welded seams that provide greater seam strength to taped and other seams

- Creates a highly reflective and emissive white roof that can help reduce cooling costs‡ and urban heat island effect. (white, energy tan and energy gray only)

TPO Field Study:
As a relatively new roof technology, TPO performance was proven mostly in lab studies. So when real-world TPO systems started approaching 20-year marks, GAF acquired and analyzed EverGuard® TPO samples across the United States. We found 8- to 16-year-old TPO roofs to be performing well and in most instances, meeting the current ASTM D 6878-19 requirements for new membranes. Download the study from GAF.com.

MADE IN THE U.S.A.
WITH DOMESTIC AND IMPORTED MATERIALS.
AMERICAN JOBS IN AMERICAN FACTORIES.

* Meets ASTM G21. GAF warranties and guarantees do not provide coverage against fungi or other biological growth. Refer to gaf.com for more information on warranty and guarantee coverage and restrictions.

† Additional requirements apply. Contact GAF for more information. Refer to sample guarantees, available at gaf.com, for complete coverage and restrictions.

‡ Energy cost savings are not guaranteed and the amount of savings may vary based on climate zone, utility rates, radiative properties of roofing products, insulation levels, HVAC equipment, efficiency and other factors.

Accessories:

EverGuard® TPO prefabricated accessories deliver consistent quality and eliminate the worry and problems often associated with field fabrication. They can also boost productivity while reducing labor.

- **Coated Speedtite™ and Hercules® Drain** — TPO-coated flange for direct hot-air welding of TPO roof membranes.

- **Corner Curb Wrap** — Four standard sizes to flash 24″, 36″, 48″, and 60″ curbs.

- **Fluted Corner** — For use in flashing outside corners of base and curb flashing.

- **Inside Corner** — Manufactured to accommodate inside corners of base or curb flashing.

- **Preformed Split Pipe Boot** — Three standard sizes accommodate most pipes and conduits.

- **Preformed Vent Boot** — Accommodates most common pipes and conduits from 1" (25.4 mm) to 6" (152 mm).

- **Scupper** — Heat-welds to the scupper for a strong, secure installation.

- **Split Pourable Sealant Pocket** — Cuts to size and offers a low profile to help seal varying penetrations with less sealant.

- **Square Tube Wrap** — Tube wraps are split with overlaps to wrap around square or rectangular tubing.

- **T-Joint Cover Patches** — Conforming seal for use over T-joints in 60- and 80-mil membrane applications.

- **TPO Cover Tape** — Self-adhered TPO ideal for stripping-in TPO and edge metal.

- **Universal Corner** — Accommodates both inside and outside corners of base and curb flashings.

- **Vent** — For use in venting low-slope mechanically attached roofs.

- **Walkway Roll** — Heat-welds directly to TPO membrane or installs with seam tape. Available in gray and yellow.

EverGuard®TPO
45-Mil 60-Mil 80-Mil

Physical Properties (ASTM D6878)

Type	ASTM Test Method	ASTM D 6878 Minimum	EverGuard® TPO Test Values (approx.)*		
			45 mil	60 mil	80 mil
TPO Nominal Thickness	ASTM D751	0.039"	0.045" (1.14 mm)	0.060" (1.52 mm)	0.080" (2.03 mm)
Thickness Over Scrim	ASTM 7635	0.015"	15.8 mil (nominal)	24.1 mil (nominal)	31.4 mil (nominal)
Breaking Strength	ASTM D751 Grab Method MD	220 lbf	375 lbf x 330 lbf (559 x 492 kg/m)	400 lbf x 360 lbf (596 x 536 kg/m)	440 lbf x 390 lbf (656 x 581 kg/m)
Elongation at Break	ASTM D751	15%	30%	30%	30%
Tear Strength	ASTM D751 (8" x 8" sample)	55 lbf	90 lbf x 120 lbf (134 x 179 kg/m)	70 lbf x 130 lbf (104 x 194 kg/m)	100 lbf x 180 lbf (149 x 268 kg/m)
Brittleness Point	ASTM D2137	-40 °F	-40 °F	-40 °F	-40 °F
Ozone Resistance	ASTM D1149	No cracks @ 7x magnification	No visible deterioration @ 7x magnification	No visible deterioration @ 7x magnification	No visible deterioration @ 7x magnification
Properties after Heat Aging	ASTM D573	≤1.5% weight change after 8 weeks @ 275° F, No cracks @ 7x magnification	Pass	Pass	Pass
Properties after Heat Aging, UAWS		Total radiation @ 8400 MJ/m² UV, no cracking	Pass	Pass	Pass
Linear Dimensional Change	ASTM D1204	±1%	0.2%	0.4%	0.4%
Water Absorption	ASTM D471	±3%	0.7%	0.7%	0.7%
Factory Seam Strength	ASTM D751	66 lbf	115 lbf (membrane failure) (171 kg/m)	145 lbf (membrane failure) (216 kg/m)	155 lbf (membrane failure) (231 kg/m)
Weather Resistance	ASTM G155	10,080 kJ(m²•nm) at 340 nm, No cracks @ 7x magnification	>20,000 kJ(m²•nm) at 340 nm	>25,000 kJ(m²•nm) at 340 nm	>25,000 kJ(m²•nm) at 340 nm
Air Permeance	ASTM E2178		<0.02 L/(s • m²)	<0.02 L/(s • m²)	<0.02 L/(s • m²)

Note 1: Certain data is provided in MD (machine direction) x CMD (cross machine direction) format.
Note 2: Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide..

Additional Physical Properties

Puncture Resistance	FTM 101 C Method 2031	Not established	>350 lb. (159 kg)	>380 lb. (172 kg)	>380 lb. (172 kg)
Permeance	ASTM E96	Not established	<0.08 Perms	<0.08 Perms	<0.08 Perms
Guarantee			Up to 20 years	Up to 25 years	Up to 30 years

Sustainability Ratings/Certifications

Cool Roof Rating Council (CRRC)

Color	Rated Product ID#	Initial			Aged		
		Solar Reflectance (ASTM C 1549)	Thermal Emittance (ASTM C 1371)	Solar Reflectance Index (ASTM E 1980)	Solar Reflectance (ASTM C 1549)	Thermal Emittance (ASTM C 1371)	Solar Reflectance Index (ASTM E 1980)
White	0676-0001	0.76	0.90	94	0.68	0.83	81
Energy Gray	0676-0045	0.72	0.87	88	0.67	0.90	82
Energy Tan	0676-0039	0.72	0.89	89	0.66	0.89	80

LEED Information	
Manufacturing Location	Mount Vernon, IN, New Columbia, PA, Cedar City, UT, Gainesville, TX

GAF EverGuard® TPO
45-Mil 60-Mil 80-Mil

Applicable Standards/Approvals

MIAMI·DADE COUNTY APPROVED — Miami Dade County Product Control Approved	UL Evaluation Report UL ER1306-01	ICC-ES Evaluation Report ESR-4676 (Cedar City, UT only)
FM APPROVED — FM Approved (Refer to FM RoofNav.com for actual assemblies)	Meets or exceeds the requirements of ASTM D6878.	State of Florida Approved
CLASSIFIED UL® — Classified by UL in accordance with ANSI/UL 790. (Refer to UL Product iQ for actual assemblies).	Meets or exceeds the requirements of the Texas Department of Insurance.	CRRC Rated — Can be used to comply with 2022 Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations (White, Energy Tan, and Energy Gray only)

Product Data

Roll Size	12' Roll Size	12' Roll Weight (Average)	10' Roll Size	10' Roll Weight (Average)	8' Roll Size	8' Roll Weight (Average)	6' Roll Size	6' Roll Weight (Average)	5' Roll Size	5' Roll Weight (Average)
EverGuard® TPO 45	12' x 100' (3.66 x 30.5 m) 1,200 sq. ft. (111.5 sq.m)	307 lb. (139 kg)	10' x 100' (3.05 x 30.5 m) 1,000 sq. ft. (92.9 sq.m)	256 lb. (116 kg)	8' x 100' (2.43 x 30.5 m) 800 sq. ft. (74.3 sq.m)	204 lb. (93 kg)	6' x 100' (1.83 x 30.5 m) 600 sq. ft. (55.7 sq.m)	153 lb. (70 kg)	5' x 100' (1.52 x 30.5 m) 500 sq. ft. (46.5 sq.m)	128 lb. (58 kg)
EverGuard® TPO 60	12' x 100' (3.66 x 30.5 m) 1,200 sq. ft. (111.5 sq.m)	386 lb. (175 kg)	10' x 100' (3.05 x 30.5 m) 1,000 sq. ft. (92.9 sq.m)	322 lb. (146 kg)	8' x 100' (2.43 x 30.5 m) 800 sq. ft. (74.3 sq.m)	257 lb. (117 kg)	6' x 100' (1.83 x 30.5 m) 600 sq. ft. (55.7 sq.m)	194 lb. (88 kg)	5' x 100' (1.52 x 30.5 m) 500 sq. ft. (46.5 sq.m)	162 lb. (74 kg)
EverGuard® TPO 80	12' x 100' (3.66 x 30.5 m) 1,200 sq. ft. (111.5 sq.m)	504 lb. (228 kg)	10' x 100' (3.05 x 30.5 m) 1,000 sq. ft. (92.9 sq.m)	420 lb. (191 kg)	8' x 100' (2.43 x 30.5 m) (800 sq. ft. (74.3 sq.m)	336 lb. (152 kg)	6' x 100' (1.83 x 30.5 m) 600 sq. ft. (55.7 sq.m)	252 lb. (114 kg)	5' x 100' (1.52 x 30.5 m) 500 sq. ft. (46.5 sq.m)	210 lb. (95 kg)
Colors	White, Gray, Energy Gray, Slate Gray, Tan, Energy Tan, Desert Tan, Dark Bronze, Dark Brown, Goldenrod, Sky Blue, Regal Blue, Electric Blue, Hartford Green, Patina Green, Regal Red, Terra Cotta.									
Storage	Store on pallets in a clean, dry area at temperatures below 100 °F (38 °C).									
Safety Warning	Membrane rolls are heavy. Employ at least two people to position and install.									

Visit **gaf.com**

For additional information, contact GAF Design Services
at **1-877-423-7663** or **designservices@gaf.com**

We protect what matters most™

GAF

CODEL DOORS

Fiberglass, Steel and Wood Doors

CODEL DOORS

Smooth Fiberglass
Flush-Glazed Collection

8/0 SF20F Flush-Glazed door with Bright paint.

Key Code Chart

GBG ..... *Available w/Grids Between Glass*

LE ..... *Available w/Low-E Glass*

■ ..... *Available w/Extended Leadtime.*

34

SF61F 6⁸
2⁸
3⁰
LE

SF29F 6⁸
2⁸
3⁰
■ GBG & LE

SF69F 6⁸
GBG & LE

SF61FMB 6⁸
2⁸
3⁰

SW 2817
Rookwood Amber
Interior / Exterior

SF20F 6⁸
2⁰
2⁴
2⁶
2⁶EZ
2⁸
2¹⁰
3⁰
3⁰EZ
LE

SF9F 6⁸
■2⁰
■2⁴
2⁶
2⁶EZ
■2⁸
■2¹⁰
3⁰
3⁰EZ
GBG Only
■ GBG & LE

SF10F 6⁸
2⁰
2⁴
2⁶
2⁶EZ
2⁸
2¹⁰
3⁰
3⁰EZ
GBG Only
■ GBG & LE

SF20FMB 6⁸
2⁶
2⁸
3⁰
Raise & Lower MiniBlinds

SF20F 7⁰
2⁶
2⁸
3⁰
LE

SF9F 7⁰
2⁶
■2⁸
3⁰
GBG Only
■ GBG & LE

SF10F 7⁰
2⁶
2⁸
3⁰
GBG Only
■ GBG & LE

SF20FMB 7⁰
2⁶
2⁸
3⁰
Raise & Lower MiniBlinds

SF20F 8⁰
2⁶
2⁸
3⁰
3⁶
LE

SF3F 8⁰
■2⁶
■2⁸
■3⁰
GBG Only
■ LE

SF12F 8⁰
■2⁶
■2⁸
■3⁰
GBG Only
■ LE

SF20FMB 8⁰
■2⁶
■2⁸
■3⁰
Raise & Lower MiniBlinds
■ LE

SFSL1F 6⁸
12"
14"
LE

SFSL20F 6⁸
12"
14"
LE

SFSL20F 8⁰
14"
LE

Flush-Glazed Profile vs. Standard Lite Kit Profile
(Not All Doors Available in Flush Glazed.)

FG **Flush-Glazed**   **Standard**

Ply Gem®
WINDOWS & DOORS

200 SINGLE HUNG

VINYL
WINDOWS

LOOKS THAT LAST. STYLES THAT STAND OUT.

Style. Value. Dependability. When you're looking to make the most of your next project, count on Ply Gem Windows & Doors Pro Series. Our extensive product line provides you with the choices you want and the custom solutions you need. Designed with a deeper, full line frame, these windows are energy efficient, provide enhanced strength and stability and are virtually maintenance free. You'll not only enhance the view, you'll help bring a room to life.

VINYL WINDOWS

200 SINGLE HUNG

T TRADITIONAL SIZING

C CUSTOM SIZING

DP 40 CERTIFIED [1]

LIMITED LIFETIME WARRANTY

STANDARD FEATURES

- Nail fin with either a 1" or 1-3/8" setback for easy and accurate installation
- Low-point, high-pressure weep system helps rain water drain efficiently from the frame
- Removable side loaded bottom sash
- Continuous weatherstripping and dual cam-action sash lock provides security while sealing out the weather and sealing in your comfort
- Energy-efficient warm edge insulating glass for enhanced energy performance
- Corrosion-resistant stainless steel screws and hardware for lifelong durability
- Aluminum-reinforced meeting rail for added strength and durability
- Maintenance-free multi-chamber PVC construction with fusion welded corners for durability, weather-tight performance and beauty
- 3-7/16" frame depth with heavy vinyl walls for strength and stability
- Rated for light commercial application

WARM EDGE TECHNOLOGY

PINCH FUSION WELDING

NEW GENERATION VINYL

HP GLASS [2]

OPTIONS

HP^{SC} GLASS [3]

HP_{MAX} GLASS [4]

SOUND REDUCTION [5]

WARM EDGE TECHNOLOGY + [6]

GLASS OPTIONS:
HP, HP^{SC}, HP_{MAX}, Warm Edge+, STC options, tints, obscure, laminated, tempered, single glaze

GRILLE OPTIONS:
Color-coordinated grilles-between-the-glass (GBG) in flat 5/8", sculptured 5/8" or 1" styles; simulated-divided-lite (SDL) 7/8" or 1-1/4" styles; 2" accent bar

HARDWARE OPTIONS:
AUTOLOCK–positive action lock

FRAME OPTIONS:
Nail fin with or without stucco key or J-channel, dual wall flush fin, no fin; Insulair passive fresh air ventilation system

COLOR OPTIONS:

WHITE INT / WHITE EXT

SAND INT / SAND EXT

CLAY INT / CLAY EXT

CO-EXTRUDED EXTERIOR COLORS
Geographically limited availability

WHITE INT / BRONZE EXT

WHITE INT / BLACK EXT

Black, Bronze and Silver exterior painted colors with white interior available.

NOTE: Colors are reproduced as accurately as printer technology allows. Please see your authorized Ply Gem Windows representative for actual samples.

THERMAL PERFORMANCE

	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Low-E^{SC}	2.86	0.35	0.22	0.43
3/4" HP	3.13	0.32	0.29	0.54
3/4" HP^{SC}	3.13	0.32	0.22	0.43
1" HP_{MAX}	4.17	0.24	0.25	0.42
WITH WARM EDGE+				
3/4" HP	3.33	0.30	0.29	0.54
3/4" HP^{SC}	3.33	0.30	0.22	0.43

All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: 3mm glass, no grilles and IGU thickness as noted in chart.

ENERGY STAR PARTNER

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance

1. Most units are rated DP40 standard 2. Low-E with argon 3. Optional Solar Cooling optimized Low-E with argon. 4. Optional triple pane, combining two panes of Low-E insulating glass with an interior glass substrate creating two chambers of argon gas fill for superior performance 5. Optional Sound Control 6. Optional Warm Edge+ spacer on dual pane units for enhanced performance. NOTE: Optional 1" IGU for 1" sculptured GBG and some Sound Control Glass packages. 1" sculptured GBG available with HP_{MAX}, excluding bent grille patterns.

Ply Gem® RESIDENTIAL SOLUTIONS

PRO SERIES
WINDOWS

Ply Gem®
WINDOWS & DOORS

700 CASEMENT & AWNING

VINYL
WINDOWS

LOOKS THAT LAST. STYLES THAT STAND OUT.

Style. Value. Dependability. When you're looking to make the most of your next project, count on Ply Gem Windows & Doors Pro Series. Our extensive product line provides you with the choices you want and the custom solutions you need. Designed with a deeper, full line frame, these windows are energy efficient, provide enhanced strength and stability and are virtually maintenance free. You'll not only enhance the view, you'll help bring a room to life.

700 CASEMENT & AWNING

VINYL WINDOWS

T TRADITIONAL SIZING

C CUSTOM SIZING

DP 40 CERTIFIED [1]

LIMITED LIFETIME WARRANTY

STANDARD FEATURES

- 1" or 1-3/8" nail fin setback for easy and accurate installation
- Sleek fold-down and nesting crank handle minimizes interference with window treatments
- Dual row of weatherstripping seals out the weather and seals in your comfort
- Energy-efficient warm edge insulating glass for enhanced energy performance
- Multi-point lock with stainless steel hardware and fasteners for durability and added security
- Maintenance-free multi-chamber PVC construction with fusion welded corners for durability, weather-tight performance and beauty
- 3-7/16" frame depth with heavy vinyl walls for strength and stability
- Rated for light commercial application

WARM EDGE TECHNOLOGY

PINCH FUSION WELDING

NEW GENERATION VINYL

HP GLASS [2]

OPTIONS

HP^{SC} GLASS [3]

HP_{MAX} GLASS [4]

SOUND REDUCTION [5]

WARM EDGE TECHNOLOGY + [6]

GLASS OPTIONS:
HP, HP^{SC}, HP 2+^{SC}, HP^{PS}, HP$_{MAX}$ (Low-E^{PS}, Low-E2+^{PS} and Low-E for high altitude applications), Warm Edge+, STC options, tints, obscure, laminated, tempered, single glaze

GRILLE OPTIONS:
Color-coordinated grilles-between-the-glass (GBG) in flat 5/8", sculptured 5/8" or 1" styles; simulated-divided-lite (SDL) 7/8" or 1-1/4" styles; 2" accent bar

HARDWARE OPTIONS:
Push-out hardware

FRAME OPTIONS:
1" or 1-3/8" nail fin setback or J-channel, dual wall flush fin, no fin

COLOR OPTIONS:

WHITE INT / WHITE EXT

SAND INT / SAND EXT

CLAY INT / CLAY EXT

CO-EXTRUDED EXTERIOR COLORS
Geographically limited availability

WHITE INT / BRONZE EXT

WHITE INT / BLACK EXT

Black, Bronze and Silver exterior painted colors with white interior available.

NOTE: Colors are reproduced as accurately as printer technology allows. Please see your authorized Ply Gem Windows & Doors representative for actual samples.

PRO SERIES 700 CASEMENT

3 mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
1" Clear	2.33	0.43	0.51	0.53
1" HP	3.33	0.30	0.24	0.45
1" HP^{SC}	3.33	0.30	0.18	0.35
1" HP$_{MAX}$	4.35	0.23	0.21	0.35
WITH WARM EDGE+				
1" HP	3.57	0.28	0.24	0.45
1" HP^{SC}	3.57	0.28	0.18	0.35

PRO SERIES 700 AWNING

3 mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
1" Clear	2.27	0.44	0.51	0.53
1" HP	3.33	0.30	0.24	0.45
1" HP^{SC}	3.33	0.30	0.18	0.35
1" HP$_{MAX}$	4.35	0.23	0.21	0.35
WITH WARM EDGE+				
1" HP	3.57	0.28	0.24	0.45
1" HP^{SC}	3.57	0.28	0.18	0.35

All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: 1" IGU, 3mm glass and no grilles.

ENERGY STAR PARTNER

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance

1. Most units are rated DP40 standard 2. Low-E with argon 3. Optional Solar Cooling optimized Low-E with argon. 4. Optional triple pane, combining two panes of Low-E insulating glass with an interior glass substrate creating two chambers of argon gas fill for superior performance 5. Optional Sound Control 6. Optional Warm Edge+ spacer on dual pane units for enhanced performance. NOTE: Optional 1" IGU for 1" sculptured GBG and some Sound Control Glass packages. 1" sculptured GBG available with HP$_{MAX}$, excluding bent grille patterns.

Ply Gem® RESIDENTIAL SOLUTIONS

SW 9519
Country Tweed
Interior / Exterior

SW 6258
Tricorn Black
Interior / Exterior
Location Number: 251-C1

SW 7006
Extra White
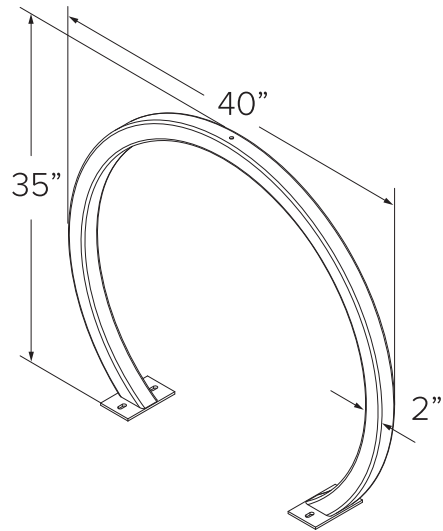Interior / Exterior
Location Number: 257-C1

SW 7068
Grizzle Gray
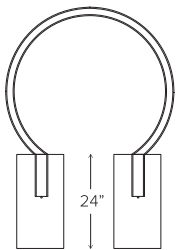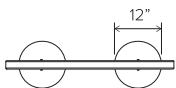Interior / Exterior
Location Number: 236-C6
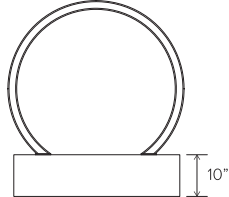
SW 2817
Rookwood Amber
Interior / Exterior
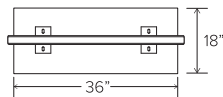
40"

35"

2"

IN-GROUND MOUNT

12"

24"

SURFACE MOUNT

18"

36"

10"

(or standard 4" sidewalk slab)

CAPACITY	2 Bikes

MATERIALS	2" x 2" x 11g square tube

FINISHES

☐ **Galvanized**
An after fabrication hot dipped galvanized finish is our standard option.

☑ **Powder Coat**
Our powder coat finish assures a high level of adhesion and durability by following these steps:
1. Sandblast
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat

☐ **Stainless**
Stainless Steel: 304 grade stainless steel material finished in either a high polished shine or a satin finish.

MOUNT OPTIONS

☑ **Surface**
Foot Mount has two 2.5" x 6" x .25" feet with two anchors per foot. Specify foot mount for this option. Tamper-resistant fasteners available upon request.

☐ **In-Ground**
In-ground mount is embedded into concrete base. Specify in-ground mount for this option

OPTIONAL LEAN BAR

☐ **Add Lean Bar**

K118 WASHINGTON - LED

The King Luminaire K118 Washington is a beautiful depiction of this street light classic. This historical acorn shape teamed with King Luminaire's high performance LED engines make for a perfect solution for city streets, parks, schools and commercial areas.

King Luminaire

PRODUCT SPECIFICATIONS

R1/B3/B2 LED ENGINE
Light engine shall be an array of 36, 42, 54 or 63 solid state Cree X-Series high power LEDs (light emitting diodes) mounted to a multi-sided, vertical heat sink of highly conductive aluminum. The LED emitters are mounted to removable circuit boards such that they are in full thermal contact with the vertical heat sink. The vertical heat sink is open at the bottom and vented at the top to provide appropriate dynamic airflow cooling for the LED array. The emitters are arranged in various patterns on each face of the vertical heat sink to provide the required light distribution.

The LED arrays include optical baffles constructed of optical grade ABS plastic with a vacuum metallized reflective surface or clear acrylic precision refractors over each diode. Optical options are designed to efficiently control light distribution in IESNA Type IV & V for the B3/B2 and Type III & V for the R1.

P4 LED ENGINE
Light engine shall include an array of Cree X-Series high power LEDs (light emitting diodes). The emitters shall be mounted to a metal core circuit board using SMT technology. The LEDs and circuit boards shall then be mounted to a high performance heat sink.

External light control shall consist of high precision refractive lenses mounted above the LED emitter arrays in such a way to achieve optimum uplight control. The lenses shall also control horizontal light distribution so that either Type II, III, IV or V IESNA distribution patterns are achieved.

LUMINAIRE CONSTRUCTION
All K118 Washington cast components shall consist of a heavy cast aluminum. The main body or capital acts as an enclosure for the driver assembly and is of adequate thickness to give sufficient structural rigidity. The capital shall have an opening at the base tenon body to allow the luminaire to be mounted to a tenon of 3-1/2" maximum diameter. The

luminaire shall be locked in place by means of heavy duty, stainless steel set-screws.

GLOBE ASSEMBLY
The protective globe shall be molded of either; rippled polycarbonate Miles Makrolon GP/OP Thermoplastic Polymer, or equivalent, or rippled acrylic Acrylite Plus Acrylic Polymer, or equivalent, having a minimum thickness of 0.125".

The globe assembly is a self-contained unit consisting of the globe, rugged cast locking ring, and the LED light engine and optical control. The LED light engine is of a modular design, and is able to be quickly removed from the globe assembly. The globe assembly is secured to the main housing by means of a spring-tensioned, twist-locking Rotolock™ unit to allow tool-less removal of the globe, while maintaining a secure seal between the globe assembly and the main body of the luminaire, making the K118 Washington suitable for an outdoor environment.

DRIVER
The LED universal dimmable driver will be class 2 and capable of 120 - 277V or 347 - 480V input voltage, greater than 0.9 power factor, less than 20% total harmonic distortion. The case temperature of the driver can range from -40°C up to 70°C. Each LED system comes with a standard surge protection designed to withstand up to 20kV/10kA of transient line surge as per IEEE C62.41.2 C High. An in-line ferrite choke is utilized to provide protection against EFT's. The driver assembly will be mounted on a heavy duty fabricated galvanized steel bracket to allow complete tool-less maintenance. Dimming capable using 1-10vdc (10% to 100%), 10v PWM, or resistance.

PHOTOMETRICS
Fixtures are tested to IESNA LM79 specifications. These reports are available upon request.

CHROMATICITY
High output LEDs come standard

at 3000K & 4000K (+/- 300K) with a minimum nominal 70 CRI. Additional CCT emitters are available upon request.

LUMEN MAINTENANCE
Reported (TM21) and Calculated (L70) reports are available upon request with a minimum calculated value of 100,000 hrs.

WIRING
All internal wiring and connections shall be completed so that it will be necessary only to attach the incoming supply connectors to Mate-N-Lok connectors or to a terminal block. Mate-N-Lok shall be certified for 600V operation. Internal wire connectors shall be crimp connector only and rated at 1000V and 150°C. All wiring to be CSA certified and/or UL listed, type SFF-2, SEWF-2, or SEW-2 No. 14 gauge, 150°C, 600V, and color coded for the required voltage.

THERMALS
Fixtures tested by a DOE sanctioned test facility to determine the maximum in-situ solder-point or junction-point temperatures of the LED emitters. This report is available upon request.

FINISH
Housing is finished with a 13 step KingCoat™ SuperDurable polyester TGIC powder coat. Standard colors include strobe white, brown metal, marina blue, gate gray, Chicago bronze, standard gold, standard black, federal green and rain forest. Please see our website for a complete list of colors. RAL and custom color matches are available.

MISCELLANEOUS
All exterior hardware and fasteners, wholly or partly exposed, shall be stainless steel alloy. All internal fasteners are stainless steel or zinc coated steel. All remaining internal hardware is stainless steel, aluminum alloy, or zinc coated steel.

WARRANTY
The K118 Washington LED luminaire comes with a 7 year limited warranty.

44 1/2"
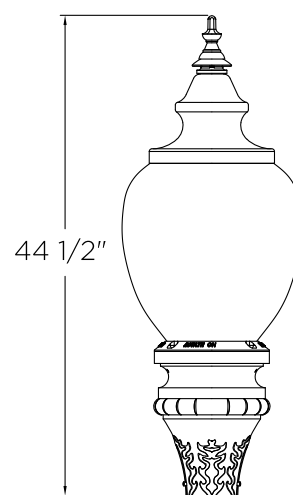
CERTIFICATION:
CSA US Listed
Suitable for wet locations
ISO 9001
IP66
ARRA Compliant
LM79 / LM80 Compliant

DRIVER INFO:
>0.9 Power Factor
<20% Total Harmonic Distortion
120 - 277V & 347 - 480V
-40°C Min. Case Temperature
70°C Max. Case Temperature
Surge Protection: ANSI C136.2 extreme level 20kV/10kA
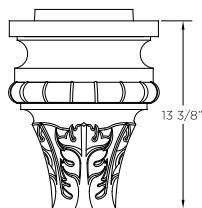Dimming Capable: 1-10vdc

EPA:
1.53 sq. ft.

FIXTURE WEIGHT:
38 lbs

FIXTURE OPTIONS

Capital Options

K13 — 13 3/8"

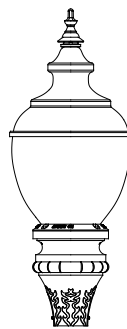K14 C/W PR — 13 3/8"

K16 — 13 3/8"

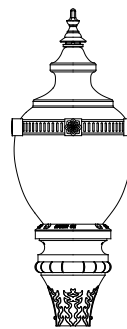K18 C/W PR — 17"

K26 C/W PR — 12 5/8"

K24 C/W PR — 12 3/8"
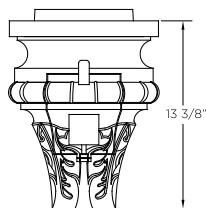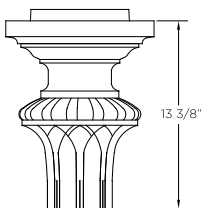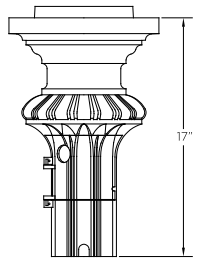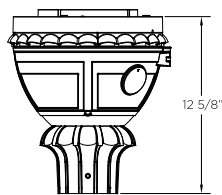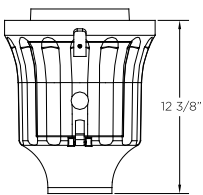
Decorative Options:

CONTEMPRA RING

GE RING
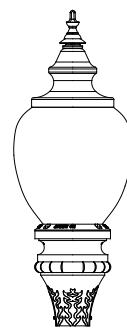
SOLID SPUN ALUMINUM TOP
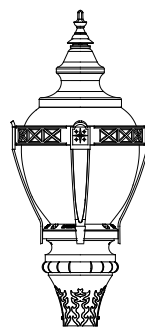
WESTINGHOUSE RING & STRUTS

Finial Options:

#1 — 4"   #2 — 4 3/4"   #3 — 5"
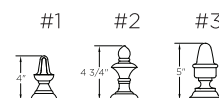
HOW TO ORDER

IES LIGHTING CLASSIFICATION
II - Type 2 (P4)
III - Type 3 (B2, P4)
IV - Type 4 (B3, R1, P4)
V - Type 5 (B2, B3, R1, P4)

SERIES
1030 (25 - 100W P4)
1036 (25 - 75W B3)
1042 (25 - 75W B2, R1)
1054 (100W B3)
1063 (100W B2)
1063 (100 - 120W R1)

LINE VOLTAGE
120V (120-277)
480V (347-480)*

*Select wattages available within this range, contact King Luminaire. 120V will be provided if blank.

DECORATIVE OPTIONS
GE - GE Ring Only
CR - Contempra Ring Only
SST - Solid Spun Top
WRS - Westinghouse Ring & Struts

PAINT COLOR
GN - Federal Green
BE - Blue
GY - Gray
BN - Brown
BK - Black
BZ - Bronze

*Additional options available on website. BK will be provided if blank.

LUMINAIRE STYLE
K118R - Washington

SOURCE
SSL - Solid State

CAPITAL
K13, K14, K16
K18, K26, K24

*Additional options available on website

CCT
3K - 3000K
4K - 4000K

K118R - ⬚ - ⬚ - ⬚ (SSL) ⬚ - ⬚ - ⬚ - ⬚ - ⬚ - ⬚ - ⬚ - ⬚

OPTICAL OPTIONS
B2 - B2 Optic (Baffled Array)
B3 - B3 Optic (Baffled Array)
R1 - R1 Optic (Refractive Array)
P4 - P4 Optic (Flat Array)

LENS OPTIONS
AR - Acrylic Rippled
PR - Polycarbonate Rippled

WATTAGE
25, 40, 60, 75, 100, 120
*120 only available in R1

PHOTO CONTROL OPTION
PR - Photo Receptacle
Available with K14, K18, K26 & K24

PE - Photo Receptacle and Photo Eye
Available with K14, K18, K26 & K24

PEBC - Photo Electric Buttoncell

*leave blank if not required

CONNECTION
Quick Disconnect is standard. If terminal block is required, please specify TB

FINIAL OPTIONS
#1, #2, #3

*Finial #1 is standard. Additional options available on website

WATTAGE SELECTOR
WS - Wattage Selector

* leave blank if not required

StressCrete® GROUP

www.scgrp.com

King Luminaire

LUMEN PAD
ROUND AND SQUARE | 5" & 7" ROUND • 5" & 7" SQUARE

LITON is proud to introduce our new super-sleek, super-slim, surface-mount 5" & 7" Square, as well as 5" & 7" Round Lumen Pads! Offering a unique combination of innovative, elegantly minimalist design & high quality LED performance, these ultra-low-profile luminaires are the ideal, easy-install alternatives to recessed lighting for plenum-challenged spaces with low-to-medium (average) ceiling heights.

Color Temperature

Comes standard with 3,000K Warm White, 3500K Neutral, or 4000K Cool White LED's binned according to ANSI C78 377A for color temperature and chromaticity ranges.

Thermal Management

Effective thermal dissipation facilitated by integral heat sink design for maximum heat rejection to provide long LED life.

Driver

Smoothly dims down to 5% with standard Low Voltage dimmers. Works with standard electronic low voltage (ELV) dimmers. Factory qualified for use with Lutron brand dimmers: **SELV300P**, **DVELV-300P**, **MAELV-600** and **NELV-450**.

Warranty

Covered by a 3 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Benefits

- 85CRI, 120V AC input
- 3 color temperature options: 3000K, 3500K and 4000K
- Die cast aluminum construction
- Mounts to junction box

Lumen Maintenance

Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Square Lumen Pad

Mounting

Universal mounting hardware allows mounting to all standard octagonal electrical junction boxes.

Wet Location

Suitable for Wet Location Installations.

LUMEN PAD
ROUND AND SQUARE | 5" & 7" ROUND • 5" & 7" SQUARE

Application

5" and 7" Architectural Surface Mount Downlight is perfect for Retrofit, New Construction and Remodel applications in low to medium height ceilings. Super thin profile is unobtrusive in design and has low glare.

LUMEN PAD ROUND   12W · 1,000LM – 15W · 1,200LM

¾" (LCMPD5R)
1" (LCMPD7R)

5⅜" (LCMPD5R)
8⅛" (LCMPD7R)
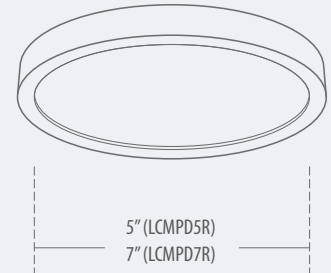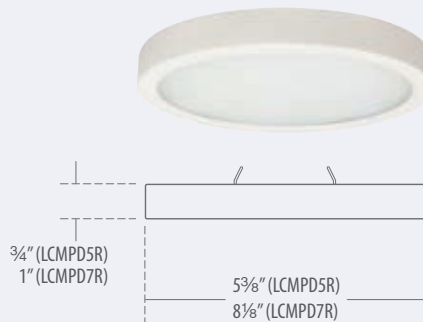
5" (LCMPD5R)
7" (LCMPD7R)

ORDERING 5" & 7" LUMEN PAD ROUND

Example: **LCMPD7RWUE-D10-T35-PC**

ITEM	FINISH	DIMMING	COLOR TEMPERATURE	MATERIAL
LCMPD5R : 5-inch round, 1,000Lm	**W** : White	**Blank** : ELV Dimming	**-T30** : 3000K	**Blank** : Die-Cast Aluminum
LCMPD7R : 7-inch round, 1,200Lm		**UE-D10** : 120V/277V (0-10V Dimming)	**-T35** : 3500K	**-PC** : Non-Conductive Polycarbonate*
			-T40 : 4000K	

* Special order.

LUMEN PAD SQUARE   12W · 700LM – 15W · 900LM

1¼"

¾"

5" (LCMPD5Q)
7" (LCMPD7Q)

3⅞" (LCMPD5Q)
5⅞" (LCMPD7Q)
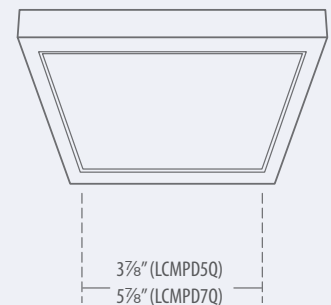
ORDERING 5" & 7" LUMEN PAD SQUARE

Example: **LCMPD7QW-T35-PC**

ITEM	FINISH	DIMMING	COLOR TEMPERATURE	MATERIAL
LCMPD5Q : 5-inch square, 700Lm	**W** : White	**Blank** : ELV-Dimming	**-T30** : 3000K	**Blank** : Die-Cast Aluminum
LCMPD7Q : 7-inch square, 900Lm			**-T35** : 3500K	**-PC** : Non-Conductive Polycarbonate*
			-T40 : 4000K	

* Special order.

SERIES C73
Decorative LED Cylinders
774-2770 Lumens

Cord Mount

Pendant Mount

Wall Mount

Surface Mount

Matt Black Finish

Surface Mount
For Wet Location

weight: 3.5lbs

2.82"

4.95"
(4" wide)

7.6"

3.21"

4.3"

APPLICATION

Decorative cylinder is available in a variety of mounting styles and is suitable for indoor or optional outdoor/wet location applications that require the long lamp life and energy saving benefits of LED technology.

FEATURES AND BENEFITS

- Architectural aluminum cylinder housing with powder coat finish.
- Mounting options include: Pendant Stem, Wall, Surface, and Cord.
- Wet location listed is available on lensed wall and surface mount models.
- Separate models available for our remote driver platforms of IRD and CentralDrive® (see below).
- Wall wash option available for wall grazing or forward-throw (Type 2) applications.
- Primary reflectors provide a variety of beam distributions and can be interchanged in the field if necessary.
- Custom colors available.

TECHNICAL DATA

- Input: 120 to 277 VAC, 50-60Hz
- 0-10V 1% (linear) and forward/reverse phase (120V) dimming.
- CRI = 80. Available in 90 CRI.
- Available with Bridgelux Thrive™ high-fidelity human-centric lighting technology.
- Expected lamp life to be 50,000 hours with 70% lumen maintenance when ambient temperatures do not exceed 35°C. Lower ambient temperatures yield longer lamp life.

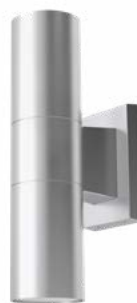## REMOTE DRIVER OPTIONS (PUBLISHED SEPARATELY)

IRD (In-ceiling Remote Driver) features a housing with driver that is recessed in the ceiling and operates a single lighting fixture. Benefits include small 0.25" thick ceiling canopies, emergency (EM) options, and longer driver life due to reduced exposure to the heat of the LED engine. Both new construction and remodel style housings are available.

CentralDrive® system features a remote panel that operates multiple lighting fixtures. This remote panel can be installed in an easy-to-access area such as a utility closet. Benefits are the same as our IRD system as well as easy driver replacement.

Lighting fixtures for these remote driver systems are published separately and can be found on our website. Please contact our sales team for more information on these options.

c **ETL** us
LISTED
Intertek
Damp Location
Optional Wet Location

WET
LOCATION

HUMAN CENTRIC

Related Product

Click for Remote Driver Version

CentralDrive® **IRD**

C74

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CALIBER PLUS ✚
ARCHITECTURAL

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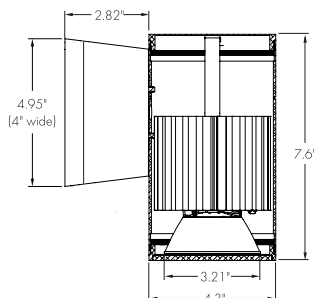
HOW TO ORDER

Catalog #:

Example: C73S1535MDQ

Fixture Series	Mounting	Delivered Lumens	Thrive™	Color Temp	Beam Distribution
C73	A[1] = Cord Mount **W[3] = Wall Mount** P[2] = Pendant Mount S[3] = Surface Mount **Conduit Canopies[8]** CA[1] = Cord CP[2] = Pendant Stem CS = Surface	**10** = 774L - 1010L, 8W **15** = 1085L - 1419L, 11.4W **20** = 1576L - 2005L, 16.5W **30** = 2271L - 2770L, 22.8W **9** = 90 CRI	**T =** Thrive High-Fidelity Human-Centric Technology *95 CRI. Use scaling factor of 0.68 to determine delivered lumens. Thrive not available on wet location model*	**65** = 6500K[5] **57** = 5700K[5] **5** = 5000K **4** = 4000K **35** = 3500K **3** = 3000K **27** = 2700K	N = 29° M = 43° W = 64° G1 = Wall Wash[6] G2 = Forward Throw (Type 2)[6] H = Honey Comb Louver[7]

Dimming	Dimming	Finish	Options
Blank = No Lens **L9 = Clear Tempered Glass Lens (standard)** L5 = Frosted Glass Lens L7 = Solite Micro-Prismatic Glass Lens *Maximum lumen output for all lensed models is 3000.*	**DQ** = 0-10V 120-277V (linear) OR forward/ reverse phase 120V ONLY (linear) **DT** = 1% 0-10V (linear Dim-to-Off) **DU** = Efore 0-10V 1% (linear)	**blank** = Matte White **SA** = Satin Aluminum **B = Matte Black** **Z** = Bronze **COLORS** (See Last Page)	**WL = Wet Location[3]** **F** = Fuse and Fuse Holder **IEM** = EM Battery Pack w/ Integral Test Switch. *Special Ceiling Canopy Required. Not available in wall mount or wet location models.*

[1] *Specify canopy and cord color using "A" followed by number, e.g. "A2"*

1 = White canopy/ White cord	5 = Bronze canopy/ White cord	9 = White canopy/ Clear cord
2 = White canopy/ Black cord	6 = Bronze canopy/ Black cord	10 = Black canopy/ Clear cord
3 = Black canopy/ White cord	7 = Silver canopy/ White cord	11 = Silver canopy/ Clear cord
4 = Black canopy/ Black cord	8 = Silver canopy/ Black cord	12 = Bronze canopy/ Clear cord

[2] *Specify canopy finish using using "P" or "CP" followed by the letter, e.g. "PW" : W = White; B = Matte Black; A = Satin Aluminum; Z = Bronze.*

[3] *Lens required for wet location models. Available only on wall mount and surface mount models. Not compatible with conduit canopies. Maximum lumen designation for wet location models is 20.*

[5] *6500K and 5700K not available in 90 CRI*

[6] *Wall wash options can be open or used with clear lens (L9).*

[7] *Contact sales department for beam distribution and lumen loss factor when using honey comb louver.*

[8] *Conduit canopies cannot be wet location.*

Stem Kit Specification:

Example: PKU24SA

Pendant Stem	Stem Length	Finish
PKU = Swivel Pendant Kit For Pendant "P" and Conduit Canopy, "CP"	Stem Length: Specify in increments of 12 Inches, to be cut to length in the field.	**W** = Matte White **SA** = Satin Aluminum **B** = Matte Black **Z** = Bronze

See page 4 for more information on mounting styles.

Fixture: **Type:**

Project:

Thrive™ is a trademark of Bridgelux Inc
Manufactured and tested to UL#1598/8750 and CSA standards.
All Pathway® products meet or exceed requirements as established by the National Electrical Code. Specifications subject to change without notice.

me

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DELIVERED LUMENS

Data based on fixture with 3500K Color Temperature

FIXTURE	WATTAGE	RATED LUMENS	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
C73LBV1035KN	8	1000	1010	29°	129
C73LBV1035KM	8	1000	1006	43°	129
C73LBV1035KW	8	1000	1004	64°	129
C73LBV1035KG	8	1000	774	100°	99
C73LBV1535KN	11	1500	1419	29°	124
C73LBV1535KM	11	1500	1413	43°	124
C73LBV1535KW	11	1500	1410	64°	124
C73LBV1535KG	11	1500	1085	100°	99
C73LBV2035KN	16	2000	2005	29°	125
C73LBV2035KM	16	2000	1997	43°	124
C73LBV2035KW	16	2000	1993	64°	124
C73LBV2035KG	16	2000	1576	100°	99
C73LBV3035KN	23	3000	2770	29°	120
C73LBV3035KM	23	3000	2759	43°	120
C73LBV3035KW	23	3000	2753	64°	120
C73LBV3035KG	23	3000	2271	100°	99

Scaling factors for other color temperatures: 2700K = 0.92; 3000K = 0.97; 4000K = 1.01; 5000K=1.04; 5700K = 0.98; 6500K = 0.99
Scaling factor for 90 CRI=0.83
Scaling factor for Thrive Human Centric Technology = 0.68

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MOUNTING CONFIGURATIONS

Standard Canopy Options (6.31" OD x 2.125" H)

Cord (A)	Pendant Mount (P)	Surface (S)
Supplied with 10' straight cord. Custom lengths available. Canopy adds 2.0" to overall length and measures 4.55" in diameter.	Stem kit specified separately, e.g. PKU_ _ See Page 2 for how to order. Swivel mount pendant stem product allows cylinder to hang plumb up to 45° sloped ceiling. All stems are 3/8" IPS and specified in increments of 12 inches. They can be easily cut to specific length in field.	*Provided with mounting holes for securement to 4" octagon junction box.*

Wall	Emergency Ceiling Canopy	Wet Location Surface Mount
Standard bracket protrudes 2.82" from wall and measures 4.95" tall by 4.0" wide. Mounts to 4" octagon junction box.	12.75" diameter / 2.59" — Available for surface, pendant stem and straight cord mounting styles and emergency options (IEM). Not available on wall mount models.	6.31" / 1"

Conduit Canopy Options (6.31" OD x 4" H)
All conduit covers require a 1.5" deep surface junction box. Not suitable for wet location.

Cord (CA)	Pendant Mount (CP)	Surface (CS)
	Stem kit specified separately, e.g. PKU_ _ See Page 2 for how to order. Same Description as "P" mounting. See Above.	

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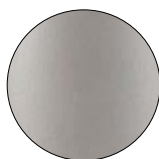## COLOR CHART

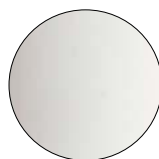### Standard Finishes (Powder Coat)

Matte Black (B)   Bronze (Z)   Satin Aluminum (SA)   Matte White (Blank)

Special Finishes Available. Contact our sales department.

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