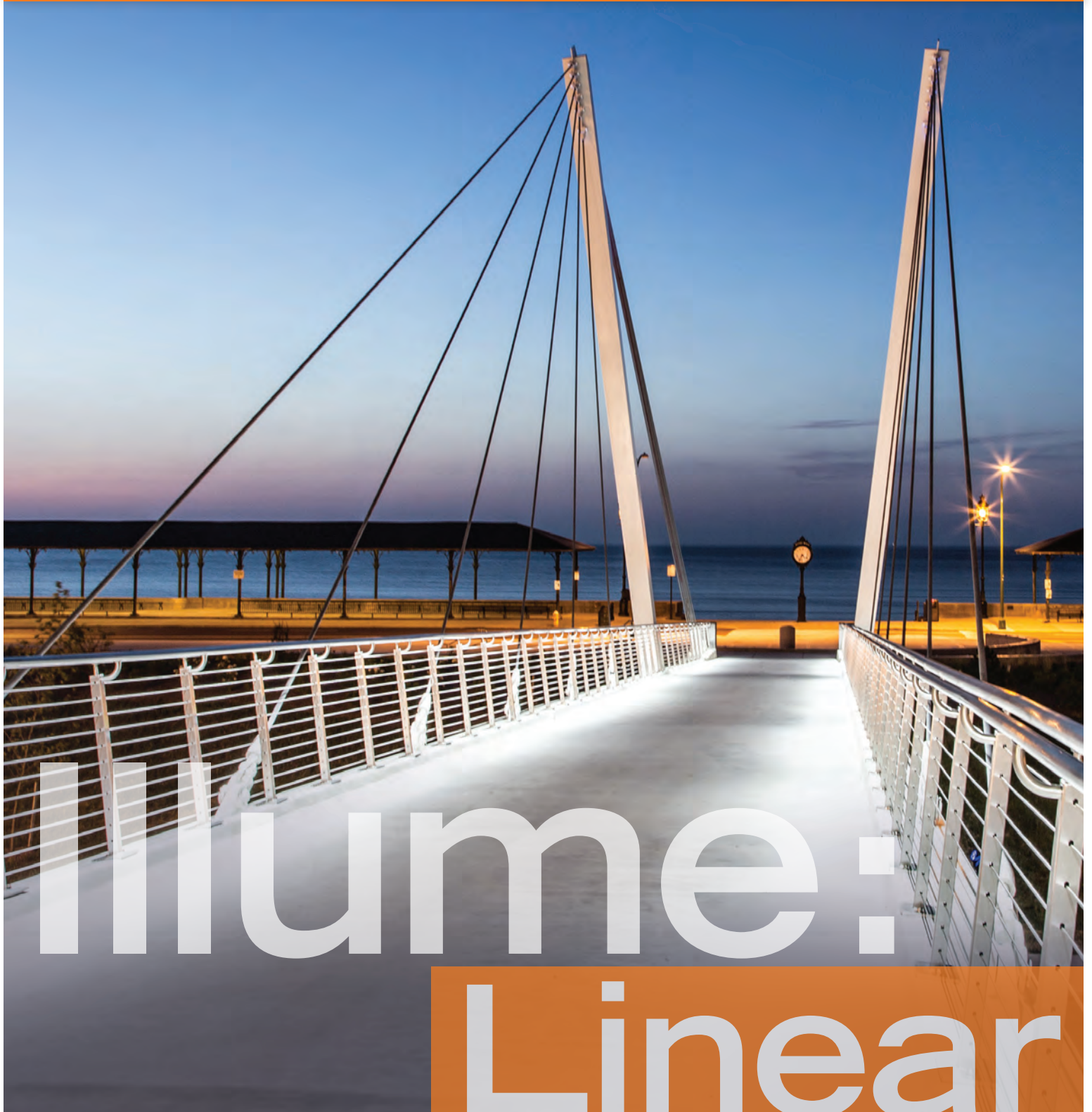




DISTINCTIVE RAILING SYSTEMS



ILLUME: Linear

ILLUME Brings LED Illumination to
Every Livers Bronze Handrailing System

Architects are “lining up” for ILLUME: Linear

Linear is an LED lighting system that is all the rage with a tendency to add reserved flair to any architectural style or structure feature. Livers Bronze is incorporating this energy efficient technology as an option with any Livers railing system.

Linear LEDs aren't like others. They do not require extra wiring or adhering a glue strip, so they blend perfectly into the many railing designs available. Linear LED lighting is fully integrated into any handrailing system and recessed into the rail. And when they're installed with glass railing, the result is truly remarkable.

In addition to Linear's aesthetic appeal, there are the safety factors. Gorgeous and smart. Linear LED rail lighting reflects brightly on any walking surface with a subtle glow that doesn't detract from the handrailing's beauty or design like harsher lighting does. With Linear, you can eliminate the need for auxiliary lighting because LEDs can be placed exactly where they should be positioned for public safety purposes.



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Kansas City, MO 64132
Phone: (816) 300 2828
Fax: (816) 300 0864
e-mail: livers@liversbronze.com



There's Simply Nothing Like It

Architectural design is dynamic, so Livers Bronze is too. We listen to what you want and need and continue to be on the forefront of **INNOVATION**, developing imaginative systems and inventive solutions you'll only find with Livers Bronze.

SUITABLE ENVIRONMENTS



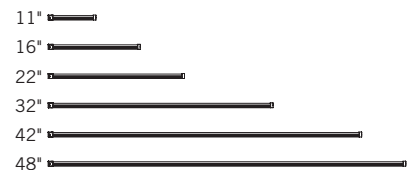
LED COLORS

- ☐ Cool White
- ☐ Neutral White
- ☐ Warm White

FINISH



LENGTHS

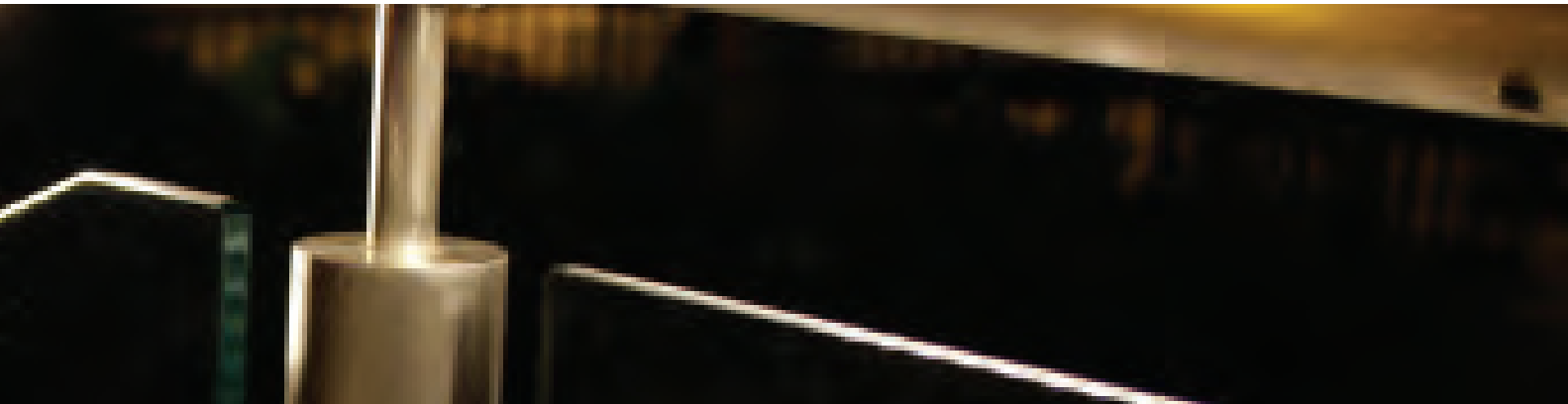


BEAM ANGLES



CERTIFICATIONS

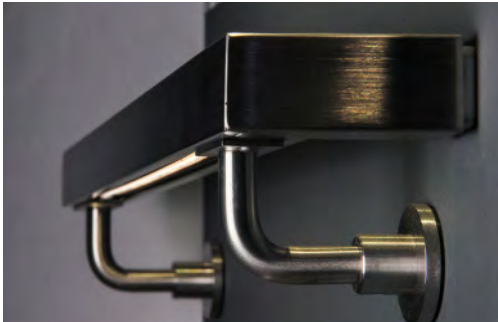
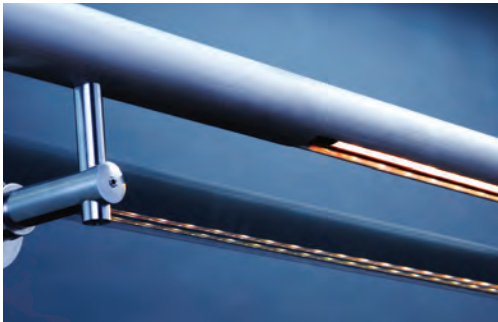




SPECIFICATIONS

ITEM	PARAMETER	VALUE
Electrical	Input Power	4.5W/ 11", 7W/16", 9W/22", 14W/32", 18W/42", 20W/48"
	Input Voltage Range	20-30V DC, 24V DC Nom.
	Integrated Driver	✓
Optical	Emitting Angle	65°
	LED Color	Cool White, Neutral White, Warm White
	LED Colors per Fixture	1
	Class	Class 2 LED Product
Physical	Dimensions	1.5" Diameter Stainless Steel
	Lens Material	Polycarbonate
	Finishes	#4 Brushed Stainless Steel
	Operating Temp. Range	-20°C to 40°C, Max. Case Temp (Tc): 50°C

*Due to constant power design, input current (lin) will vary depending on input voltage. Be sure to size wire awg accordingly for worst case input voltage.



ACCESSORIES

KEYWORD	ITEM NUMBER	DESCRIPTION	FIXTURE MAX
E05 Power Box, 75W	PS24V75W-E05	Power Box, 75W, 120/240/277VAC Input, 24VDC Output, Steel Enclosure.	Powers up to 16 Feet of Illume

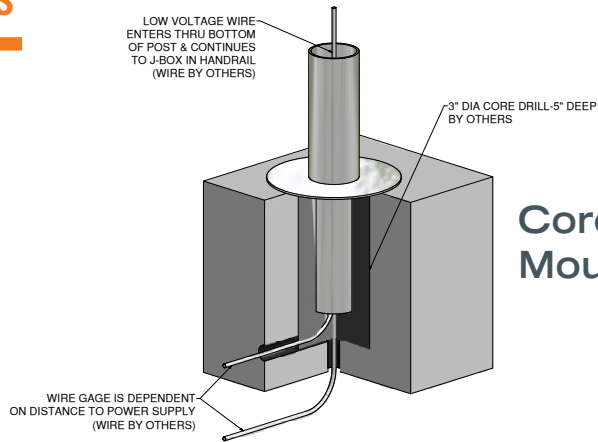


FEATURES

- **RUGGED DESIGN, WET LOCATION**
- **FLEXIBLE MOUNTING OPTIONS**
See details.
- **STAINLESS STEEL HOUSING**
- **ALTERNATIVE FINISHES**
- **SMARTDRIVER™ INTEGRATED**
Onboard electronic regulation ensures current consistency and management of the LED source.
- **TIGHT LED SPACING, ADVANCED OPTICS**
Illume's incredibly small cross-section and tight 1" LED spacing enables high output and consistent illumination in very small spaces.
- **ACTIVE THERMAL MANAGEMENT**
Illume will dim upon overheating, protecting the LEDs and your investment.

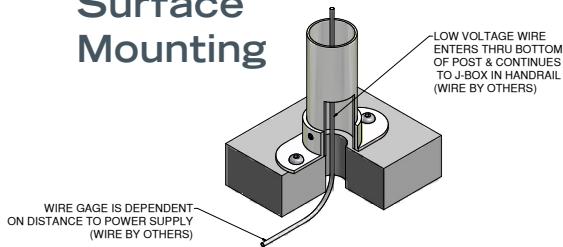


MOUNTING DETAILS

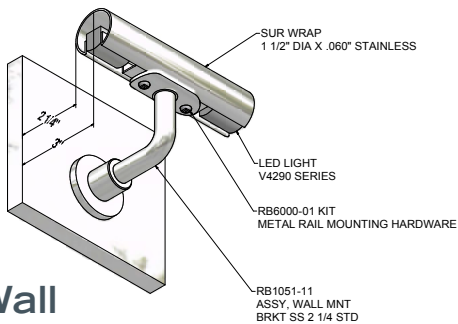
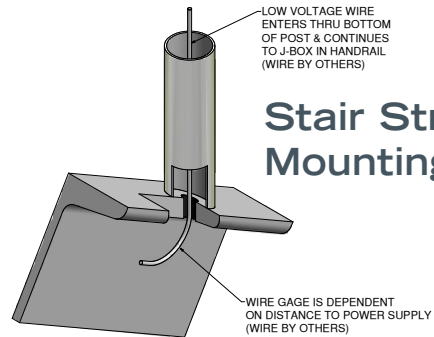


Core Drill Mounting

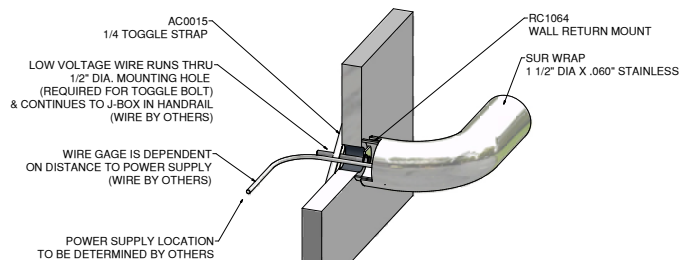
Surface Mounting



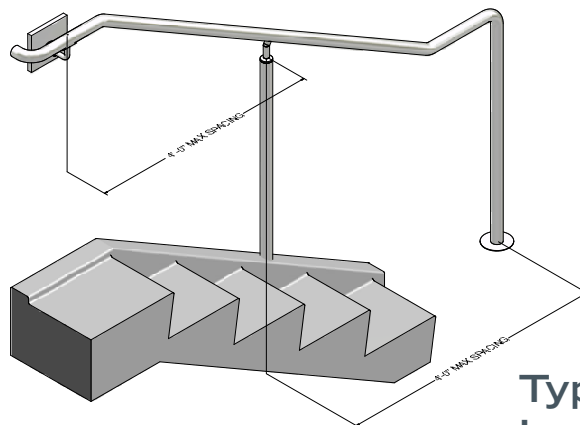
Stair Stringer Mounting



Wall Mounting Bracket



Wall Mounting End Return



Typical Post Layout/Termination