Cole Lightrail™ systems are versatile and functional illuminated handrails, suitable for exterior or interior stair, ramp or guardrail applications. Lightrail™ is available in symmetrical and asymmetrical light distribution patterns, projecting light where it is needed. Lightrail™ may be wall or post mounted with integral or remote power supplies. Additionally, mounting provisions may be furnished for coordination with another railing manufacturer—such as for the attachment to a guardrail. Matching non-illuminated railings are also offered for each series. Cole Lightrail™ is specifically designed and fabricated for each installation. Lightrail™ is designed and engineered to withstand the abuse typical in public areas. The high impact acrylic diffusers are regressed within heavy duty stainless steel or extruded aluminum housings. All rails are seam-welded and ground smooth allowing one-piece, seamless construction. Modified or custom illuminated railings can be developed to your exact specifications. Cole Lightrails™ are Underwriters' Laboratories (cULus) listed for use in wet locations. Design features comply with the Americans with Disabilities Act (ADA) and other applicable codes. To learn more about our custom capabilities and comprehensive range of standard lighting fixtures, call us or your local Cole representative.
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LR5-LED Lightrail™ Series is a complete illuminated handrail system, ideal for indoor or outdoor applications such as stairs, ramps, and walkways. The round design provides symmetrical or asymmetrical illumination with dimensions that conform to ADA requirements. Lightrail™ is offered in post or wall mount configurations, with integral or remote power supplies. Other uses include the integration of illumination for balustrade, guardrail, and elevator hand-holds.

**LR5P Post Mounted**
- LR5W Wall Mounted

**Construction**
- Available in extruded aluminum and formed stainless steel with welded and blended joints for a seamless appearance
- A high impact diffuser snaps into place and is further retained by fasteners
- The flat lens design minimizes visible brightness at sides and is available clear or frosted
- Each rail is tailored to fit existing stairs, ramps, and walkways
- Aluminum rails supplied with a powder coat or anodized finish
- Stainless steel rails supplied with a #4 satin finish, passivated for maximum rust resistance
- Post and bracket mounting: 6’ max.
- Rail height: 36”
- Diameter of post with integral driver is 2.375” O.D., diameter of post with remote driver matches rail housing choice
- Listed by cULus as suitable for wet locations.

**Special Features**
- Custom mounting brackets and end treatments are available to meet most design criteria
- Stainless steel cable, glass panel and wire mesh infills available.

**Post Treatments**
- Standard for Remote Power Supply
- Standard for Integral Power Supply

**End Treatments**
- As shown for remote power supply application
- As shown for integral power supply application
LR5-LED Lightrail™ Series is a complete illuminated handrail system, ideal for indoor or outdoor applications such as stairs, ramps, and walkways. The round design provides symmetrical or asymmetrical illumination with dimensions that conform to ADA requirements. Lightrail™ is offered in post or wall mount configurations, with integral or remote power supplies. Other uses include the integration of illumination for balustrade, guardrail, and elevator hand-holds.

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**Special Features**
Custom mounting brackets and end treatments are available to meet most design criteria • Stainless steel cable, glass panel and wire mesh infills available.

**Rail Choices**
- **1.9/48mm**
- **1.9/48mm**
- **1.66/42mm**
- **1.66/42mm**
- **1.5/38mm**

- **Formed Stainless Steel**
- **Extruded Aluminum**
- **Formed Stainless Steel**
- **Extruded Aluminum**
- **Formed Stainless Steel**

The Frontier Project, Rancho Cucamonga, CA
LR6-LED Lightrail™ Series is a complete illuminated handrail system, ideal for indoor or outdoor applications such as stairs, ramps, and walkways. The square design provides symmetrical or asymmetrical illumination with dimensions that conform to ADA requirements. Lightrail™ is offered in post or wall mount configurations, with integral or remote power supplies. Other uses include the integration of illumination for balustrade, guardrail, and elevator hand-holds.

**LR6P Post Mounted**

**LR6W Wall Mounted**

**Rail Choices**

- Post Treatment
  - Hook End (-HE)
  - Seamless Joint Miter End (-ME) end-of-rail only
  - Miter End (-ME) with easement
  - Loop End (-LE)

**Construction**

Available in extruded aluminum and formed stainless steel with welded and blended joints for a seamless appearance.

- A high impact extruded acrylic diffuser snaps into place and is further retained by fasteners at each end.
- The flat lens design minimizes visible brightness at sides and is available in clear or frosted.
- Each rail is tailored to fit existing stairs, ramps, and walkways.
- Aluminum rails supplied with a powder coat or anodized finish.
- Listed by cULus as suitable for wet locations.
- Stainless steel rails supplied with a #4 satin finish, passivated for maximum rust resistance.

**Special Features**

- Custom mounting brackets and end treatments are available to meet most design criteria.
- Stainless steel cable, glass panel and mesh panel infills also available.

Federal Courthouse
Mobile, AL

Claremont-McKenna College
Claremont, CA
LR6-LED Lightrail™ Series is a complete illuminated handrail system, ideal for indoor or outdoor applications such as stairs, ramps, and walkways. The square design provides symmetrical or asymmetrical illumination with dimensions that conform to ADA requirements. Lightrail™ is offered in post or wall mount configurations, with integral or remote power supplies. Other uses include the integration of illumination for balustrade, guardrail, and elevator hand-holds.

**LR6P Post Mounted**
**LR6W Wall Mounted**

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**Special Features**
Custom mounting brackets and end treatments are available to meet most design criteria. Stainless steel cable, glass panel and mesh panel infills also available.

**Rail Choices**

- **Formed Stainless Steel**
- **Extruded Aluminum**
Seamless One-Piece Construction

Cole Lightrail™ combines an elegant appearance with easy, efficient installation. All rails are one-piece, seam-welded with the welds ground smooth. There are no visible seams to reveal the lighting-fixture origins. Additionally, each rail is shipped prewired, ready to install. If integral power supplies are specified, flush-fitting access covers are located in selected posts or, in some instances, access covers are concealed underneath the rail.

Huntington Library
San Marino, CA

Most rails are shipped one-piece, ready to install. All rails are shipped prewired, no assembly required.
Seamless One-Piece Construction

Cole Lightrail™ combines an elegant appearance with easy, efficient installation. All rails are one-piece, seam-welded with the welds ground smooth. There are no visible seams to reveal the lighting-fixture origins. Additionally, each rail is shipped prewired, ready to install. If integral power supplies are specified, flush-fitting access covers are located in selected posts or, in some instances, access covers are concealed underneath the rail.

Skateboard Deterrent

Functional “speed bumps”, attached to the top of the rails, discourages skateboard grinding and the damage it can cause.

ADA Compliant

Americans with Disabilities Act

The 2010 ADA Standards for Accessible Design requires the top of the gripping surface to be 34'/865mm minimum and 38'/965mm maximum vertically above the walking surfaces, stair nosings, and ramp surfaces. Handrails with circular cross sections are to be 1¼'/32mm minimum and 2'/51mm maximum diameter. Handrails with non-circular cross sections are to have a perimeter dimension of 4'/100mm minimum and 6¼'/160mm maximum, with a cross section dimension of 2¼'/57mm maximum. For ramps and stairs there is to be a 12'/305mm minimum horizontal extension at the top end beginning directly over the end of the ramp or the first riser nosing. There is to be a 12'/305mm minimum horizontal extension beginning directly at the end of the ramp. At the bottom of stairs, handrails are to extend at the slope of the stair flight for a horizontal distance equal to one tread depth beyond the last stair nosing. At ends, rails are to return to landing surface, wall or post.
Glass Panel
Hardware included to accommodate most panel thickness. Glass not included.

Mesh Panel
A variety of welded, weave and expanded metal pattern options available. Finishes, colors and metal types offered to match handrail choice.

Stainless Steel Cable
Surface mounted or side mounted cable. Accessory: tensioners, cable sleeves, turnbuckles, including stud, lag stud, stop, and swivel end assembly fittings available.

Infill materials are available in glass, mesh, stainless steel cable or other suitable materials of your choice. Standard attachment methods are surface, side and weld mounts. Custom attachment methods available.
INFILLS

Infill materials are available in glass, mesh, stainless steel cable or other suitable materials of your choice. Standard attachment methods are surface, side and weld mounts. Custom attachment methods are available.

Glass Panel
Hardware included to accommodate most panel thickness. Glass not included.

Mesh Panel
A variety of welded, weave and expanded metal pattern options available. Finishes, colors and metal types offered to match handrail choice.

Stainless Steel Cable
Surface mounted or side mounted cable. Accessory: tensioners, cable sleeves, turnbuckles, including stud, lag stud, stop, and swivel end assembly fittings available.
LR5 LED

**Formed Stainless Steel**

- **Dimensions**
  - Symmetric: 1.90" dia.
  - Asymmetric (-ASYM): 1.66" dia.

- **LR5 Options**
  - Ends: Add suffix. Radius -RE
  - Loop -LE. Miter -ME. Stub -SE.
  - Baseplate: 5" x 5" x 3/8" (Aluminum), 5" x 5" x 3/16" (Stainless Steel) baseplate with four 5/8" holes. Add suffix -BP.
  - Escutcheon: Add suffix -ES.
  - Frosted lens: (clear diffuser std.). Add suffix -FL.
  - Curved rail: Consult with factory. Add suffix -CRV.

- **LR5W-LED**
  - Stainless Steel (-SS): LR5W-LED-SS/*-REM
  - Aluminum (-AL): LR5W-LED-AL/*-REM

- **LR5P -LED**
  - Stainless Steel (-SS): LR5P -LED-SS/*-REM
  - Aluminum (-AL): LR5P -LED-AL/*-REM

**Extruded Aluminum**

- **Dimensions**
  - Symmetric: 1.90" dia.
  - Asymmetric (-ASYM): 1.66" dia.

- **LR6 Options**
  - Baseplate: 1.5" sq. 38mm
  - Color LED: 4000°K Color temperature:
  - Loop End (-LE)
  - Hook End (-HE)
  - Coped

**Additional Options**

- **Power Supply**
  - Standard for Remote
  - Standard for Integral
  - Limited driver capacity allows for only 1.9" rail choice.

- **Emergency Battery**
  - Provides up to 90 min. operation for both LED and fluorescent models (remote only). Add suffix -EM.

- **Asymmetric Distribution**
  - 50% opaque (not available on all models). Add suffix -ASYM or 30° tilt -ASYM/30°.

- **4000°K Color Temperature**
  - (3000°K std.). Add suffix -4K.

- **Color LED**
  - FWC compliant, 560nm Amber. Add suffix -AMB.

- **Beam Spread**
  - (90° std.). 65°, Add suffix -65. 50°, Add suffix -50.

- **Dimming**
  - Universal Voltage 0-10V driver. Add suffix -DIM

- **LR5 End Treatments**
  - Miter End (-ME)
  - Radius End (-RE)
  - Stub End (-SE)

- **LR6 End Treatments**
  - Miter End (-ME)
  - Radius End (-RE)
  - Stub End (-SE)

- **Catalog Number**
  - Stainless Steel (-SS)
  - Aluminum (-AL)

- **ELECTRICAL INFORMATION**
  - Page 19

- **Addendum**
  - Voltage
  - Watts
  - Lumens
  - Drivers
  - LEDs
  - CCT
  - CRI

- **LR5W-LED-SS/1.9-INT**
  - LR5W-LED-SS/*-REM
  - LR5P -LED-SS/*-REM
  - LR5P -LED-AL/*-REM
  - LR6W-LED-SS/1.5-REM
  - LR6W-LED-SS/1.5-INT
  - LR6W-LED-AL/1.5-REM
  - LR6W-LED-AL/1.5-INT
  - LR6P -LED-SS/1.5-REM
  - LR6P -LED-SS/1.5-INT
  - LR6P -LED-AL/1.5-REM
  - LR6P -LED-AL/1.5-INT

- **LR5 End Treatments**
  - Miter End (-ME)
  - Radius End (-RE)
  - Stub End (-SE)

- **LR6 End Treatments**
  - Miter End (-ME)
  - Radius End (-RE)
  - Stub End (-SE)
LR5 Fluorescent

**Formed Stainless Steel**

**Extruded Aluminum**

**Dimensions**

- **LR5 End Treatments**
  - Miter End (-ME)
  - Hook End (-HE)
  - Loop End (-LE)

**LR5 Post Treatments**

- Tenon
  - Standard for integral power supply application
- Coped
  - Standard for remote power supply application

**Catalog Number**

- **Stainless Steel (-SS)**
  - LR5P -T5-SS/1.9-INT
  - LR5P -T5-SS/1.9-REM
  - LR5W-T5-SS/1.9-REM

- **Aluminum (-AL)**
  - LR5P -T5-AL/1.9-INT
  - LR5P -T5-AL/1.9-REM
  - LR5W-T5-AL/1.9-INT
  - LR5W-T5-AL/1.9-REM

**LR5 Fluorescent Lightrail is also available with Asymmetric distribution as an option.**

**LR6 LED**

**Formed Stainless Steel**

**Extruded Aluminum**

**Dimensions**

- **LR6 End Treatments**
  - Miter End (-ME)
  - Hook End (-HE)
  - Loop End (-LE)

**LR6 Post Treatments**

- Tenon
  - Standard for integral power supply application
- Coped
  - Standard for remote power supply application

**Catalog Number**

- **Stainless Steel (-SS)**
  - LR6P -LED-SS/1.5-INT
  - LR6P -LED-SS/1.5-REM
  - LR6W-LED-SS/1.5-INT
  - LR6W-LED-SS/1.5-REM

- **Aluminum (-AL)**
  - LR6P -LED-AL/1.5-INT
  - LR6P -LED-AL/1.5-REM
  - LR6W-LED-AL/1.5-INT
  - LR6W-LED-AL/1.5-REM

**LR6 Options**

- **Ends:** Add suffix. Miter -ME, Loop -LE or Hook -HE.
- **Baseplate:** 5" x 5" x 3/8" (Aluminum) 5" x 5" x 3/16" (Stainless Steel) baseplate with four 5/8" holes. Add suffix -BP.
- **4000K Color temperature:** (3000K std.). Add suffix -4K.
- **Color LED:** FWC compliant, 560nm Amber. Add suffix -AMB.
- **Frosted lens:** (clear diffuser std.). Add suffix -FL.

**Escutcheon:** Add suffix -ES.

**Asymmetric distribution:** 50% opaque. Add suffix -ASYM or 30° tilt -ASYM/30°.

**Emergency battery:** Provides up to 90 min. operation for LED models (remote only). Add suffix -EMI.

**Beam spread:** 90° std. 65°, Add suffix -65.

**Dimming:** Universal voltage 0-10V driver. (remote only) Add suffix -DIM.
Direct Burial Mount
Embedded below concrete surface and set in non-shrink grout by contractor.
Escutcheon options: Round escutcheon for LR5 and square for LR6.

Baseplate Mount
Baseplate has secured in place by four 5/8” holes. Mounting hardware not provided.
Escutcheon options: Round escutcheon for LR5 and square for LR6.

Wall Mount
Custom mounting brackets and end treatments are available to meet most design criteria. Mounting hardware not provided. Perpendicular orientation standard; vertical orientation optional.
Post/bracket mounting not to exceed 6’ on center.
Direct Burial Mount
Embedded below concrete surface and set in non-shrink grout by contractor.

Escutcheon options: Round escutcheon for LR5 and square for LR6.

Wall Mount
Custom mounting brackets and end treatments are available to meet most design criteria. Mounting hardware not provided. Perpendicular orientation standard; vertical orientation optional.

Baseplate Mount
Baseplate has secured in place by four 5/8" holes. Mounting hardware not provided.

Escutcheon options: Round escutcheon for LR5 and square for LR6.

Custom Applications
Remote driver post

Integral driver post

Post/bracket mounting not to exceed 6' on center.

Square Round
Diameter matches rail housing choice

2.375" (60mm)

4-1/4" (108mm)

Min. 6"

Pack Square Park
Asheville, NC
For the ultimate in convenience for the specifier, engineer, and contractor alike, Cole offers integral power supplies. Drivers can be located in specially-designed posts with flush-mounted access covers. Multiple posts can be used for this purpose, each location potentially powering up to 40 feet of illuminated rail. On special request, select drivers may be located within the handrail itself. As an additional benefit, posts will match the rails’ dimension. In these instances, however, the driver will be limited to powering up to seven feet of illuminated rail. These 120 volt drivers will inhabit about eight inches of rail length. They may also be located in horizontal easements within each or either end of a rail. This feature is only available in 1.9” diameter LR5 and LR6 models. Whichever integral driver option is selected, each job will be uniquely optimized to meet desired specifications.

Remote Driver

Choosing remote power supplies allows a more sleek post-to-rail design at a more attractive price point than integral power. Posts and rails will share the same dimensional cross-section. Cole offers driver options which may include up to 100 watt capacity, wet location capability, and 0-10 volt dimming. Any post or wall bracket location is available as an electrical feed entry-point. 40 feet of rail could be illuminated by one remote driver location. A driver-to-LED by wire gauge distance chart is available for download. Wet location rated stainless steel driver enclosures, suitable for surface or recessed mounting, are furnished as standard. Each job will be uniquely optimized to meet desired specifications.

Download the Maximim Wiring Distance Chart: http://colelighting.com/product/248/
For the ultimate in convenience for the specifier, engineer, and contractor alike, Cole offers integral power supplies. Drivers can be located in specially-designed posts with flush-mounted access covers. Multiple posts can be used for this purpose, each location potentially powering up to 40 feet of illuminated rail. On special request, select drivers may be located within the handrail itself. As an additional benefit, posts will match the rails’ dimension. In these instances, however, the driver will be limited to powering up to seven feet of illuminated rail. These 120 volt drivers will inhabit about eight inches of rail length. They may also be located in horizontal easements within each or either end of a rail. This feature is only available in 1.9" diameter LR5 and LR6 models. Whichever integral driver option is selected, each job will be uniquely optimized to meet desired specifications.

### Integral Driver

For the ultimate in convenience for the specifier, engineer, and contractor alike, Cole offers integral power supplies. Drivers can be located in specially-designed posts with flush-mounted access covers. Multiple posts can be used for this purpose, each location potentially powering up to 40 feet of illuminated rail. On special request, select drivers may be located within the handrail itself. As an additional benefit, posts will match the rails’ dimension. In these instances, however, the driver will be limited to powering up to seven feet of illuminated rail. These 120 volt drivers will inhabit about eight inches of rail length. They may also be located in horizontal easements within each or either end of a rail. This feature is only available in 1.9" diameter LR5 and LR6 models. Whichever integral driver option is selected, each job will be uniquely optimized to meet desired specifications.

Optional driver location in easement.

120/277 input voltage

24 voltage output from remote driver

Sleek post-to-rail.

C.W. Cole & Company, Inc.  |  T: 626.443.2473  |  F: 626.443.9253  |  www.colelighting.com  |  info@colelighting.com

Stainless steel ballast/driver Box and Cover, is suitable for wet location.
**PHOTOMETRY**

**LR5-GPI-LED-CLR-90**

48"L x 1-29/32"W x 1-5/8"H

Total: 48 LEDs with flat clear acrylic lens

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**LR5-RIA-20-LED**

48"L x 5/8"W x 5/8"H

Linear prismatic acrylic lens

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**LR5-RIA-40-LED**

48"L x 5/8"W x 5/8"H

Linear prismatic acrylic lens

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**Photometry downloads**

**LR5**


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**LR6**


## LR5

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Watts PER FOOT</th>
<th>Lumens PER FOOT</th>
<th>CCT</th>
<th>CRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.90&quot; Stainless Steel</td>
<td>120 - 277V Universal voltage (Driver)</td>
<td>2.5 watts</td>
<td>205 lumens</td>
<td>3000K</td>
</tr>
<tr>
<td>Aluminum</td>
<td>24 VDC constant voltage (LED)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 1.66" Stainless Steel | 120 - 277V Universal voltage (Driver) | 1.92 watts | 145 lumens | 3000K | 85 |
| Aluminum | Optional output - LED/40 - High Output | | | | |
| 1.50" Stainless Steel | 24 VDC constant voltage (LED) | 3.6 watts | 275 lumens | 3000K | 85 |
| Aluminum | ASYM/30° | | | | |
| | | 2.0 watts | 89 lumens | 3000K | 85 |

## LR6

| 1.50" Stainless Steel | 120 - 277V Universal voltage (Driver) | 2.5 watts | 205 lumens | 3000K | 85 |
| Aluminum | 24 VDC constant voltage (LED) | | | | |

Complies with ASHRAE 90.1-2007 allowance for exterior lighting power.

http://colelighting.com/product/262/
How to Specify

Every Lightrail is custom designed and fabricated to your specific project conditions. Drawings will be submitted on each project requesting specific dimensions to assure proper fit. Plans and elevation drawings are required for pricing and submittal drawing production.

1. Submit catalog number, options, and voltage; (example: LR5P-LED-SS/1.9-INT-RE-277).
2. Add special features and requirements necessary to complete specification.

Series

LR5 Series
1.9” - 1.66” - 1.5” Dia.

LR6 Series
1.5” Sq.

Mounting

P  Post Mount
W  Wall Mount

Material

-SS/*  Stainless Steel
-AL/*  Aluminum

* indicate size

Light Distribution

-ASYM
Asymmetric (Not available on LR5)
1.66” and 1.5” diameters

-ASYM/30°
30° tilt

Beam Spread

-65
65°

-50
50° (Not available on LR5 1.66” and 1.5” diameters)

Power Supply Location

-INT
Integral Driver/Ballast

-REM
Remote Driver/Ballast

DOWNLOAD

Maximum Wiring Distance Chart:
http://colelighting.com/product/248/

End Treatments

-SE
Stub End (LR5 only)

-ME
Miter End

-LE
Loop End

-RE
Radius End (LR5 only)

-HE
Hook End (LR6 only)

Color Temperature

(3000°K standard)

-4K
4000°K

Other color temperatures available on request

Color LED:

-AMB
560 nm, Amber. FWC Turtle compliant.

Electrical

(120V standard)

-277
277V

-DIM
Dimming. Universal voltage
0-10V driver (remote only on LR6 models)

-EM
Emergency Battery. Provides up to 90 min. operation on LED and fluorescent models

Infill

-GLS
Glass*

-MSH
Mesh/Wire*

-CBL
Steel Cable*

*
Specify design

Options

-BP
Baseplate: Aluminum 5”x 5”x 3/8”
Stainless Steel 5”x 5”x 3/16”

-ES
Escutcheon Plates, Round/Square

-FL
Frosted Lens

-SKTB
Skate Deterrent

-CRV
Curved rail, consult with factory.

-RA
Rail, consult with factory.

Claremont-McKenna College, Claremont, CA
Denver Art Museum, CO
Santa Monica Place, CA
Guthrie Theater, Minneapolis, MN
Cuesta College, San Luis Obispo, CA
Huntington Library, San Marino, CA
The Frontier Project, Rancho Cucamonga, CA
Flushing Meadow, Corona, NY
Yankee Stadium, Bronx, NY
Zuccotti Park, New York, NY
Pack Square Park, Asheville, NC
Fashion Show Mall, Las Vegas, NV
Lewis and Clark Caverns, Whitehall, MT
Waukesha Library, WI
Light Rail Transit, Calgary, AB
Grand Ole Opry, Nashville, TN
Mint Museum of Art, Charlotte, NC
University of Technology Sydney, AUS
University of Michigan, Ann Arbor, MI

Finishes

Stainless Steel

#4 longitudinal Satin finish, passivated for maximum rust resistance (standard)

-PSS
Polished

-NLS
Non-linear Satin

Aluminum

RAL Powder coat (standard)

-SA
Satin clear anodized

LINKS:

RAL Color Chart for Aluminum:
http://colelighting.com/product/263/

Option ChemFILM® protection for Aluminum:
http://colelighting.com/product/250/

Passivation Technical document:
http://colelighting.com/product/249/

Stainless Steel Cleaning Guide:
http://colelighting.com/product/257/

Fashion Show Mall, Las Vegas, NV
How to Specify

Every Lightrail is custom designed and fabricated to your specific project conditions. Drawings will be submitted on each project requesting specific dimensions to assure proper fit. Plans and elevation drawings are required for pricing and submittal drawing production.

1. Submit catalog number, options, and voltage; (example: LR5P-LED-SS/1.9-INT-RE-277).
2. Add special features and requirements necessary to complete specification.

### Series

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LR5</td>
<td>LR5 Series 1.9” - 1.66” - 1.5” Dia.</td>
</tr>
<tr>
<td>LR6</td>
<td>LR6 Series 1.5” Sq.</td>
</tr>
</tbody>
</table>

### Mounting

<table>
<thead>
<tr>
<th>Letter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Post Mount</td>
</tr>
<tr>
<td>W</td>
<td>Wall Mount</td>
</tr>
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</table>

### Material

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS/*</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>AL/*</td>
<td>Aluminum</td>
</tr>
</tbody>
</table>

* indicate size

### Light Distribution

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASYM</td>
<td>Asymmetric (Not available on LR5) 1.66” and 1.5” diameters</td>
</tr>
<tr>
<td>ASYM/30°</td>
<td>30° tilt</td>
</tr>
</tbody>
</table>

### Beam Spread

<table>
<thead>
<tr>
<th>Beam Spread</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-65</td>
<td>65°</td>
</tr>
<tr>
<td>-50</td>
<td>50° (Not available on LR5 1.66” and 1.5” diameters)</td>
</tr>
</tbody>
</table>

### Power Supply Location

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-INT</td>
<td>Integral Driver/Ballast</td>
</tr>
<tr>
<td>-REM</td>
<td>Remote Driver/Ballast</td>
</tr>
</tbody>
</table>

### End Treatments

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-SE</td>
<td>Stub End (LR5 only)</td>
</tr>
<tr>
<td>-ME</td>
<td>Miter End</td>
</tr>
<tr>
<td>-LE</td>
<td>Loop End</td>
</tr>
<tr>
<td>-RE</td>
<td>Radius End (LR5 only)</td>
</tr>
<tr>
<td>-HE</td>
<td>Hook End (LR6 only)</td>
</tr>
</tbody>
</table>

### Color Temperature

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-4K</td>
<td>4000°K</td>
</tr>
</tbody>
</table>

* Other color temperatures available on request

### Color LED:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-AMB</td>
<td>560 nm, Amber. FWC Turtle compliant.</td>
</tr>
</tbody>
</table>

### Electrical

(120V standard)

- **-277** 277V
- **-DIM** Dimming. Universal voltage 0-10V driver (remote only on LR6 models)
- **-EM** Emergency Battery. Provides up to 90 min. operation on LED and fluorescent models

### Infill

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-GLS</td>
<td>Glass*</td>
</tr>
<tr>
<td>-MSH</td>
<td>Mesh/Wire*</td>
</tr>
<tr>
<td>-CBL</td>
<td>Steel Cable*</td>
</tr>
</tbody>
</table>

* Specify design

### Options

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-BP</td>
<td>Baseplate: Aluminum 5”x5”x3/8” Stainless Steel 5”x5”x3/16”</td>
</tr>
<tr>
<td>-ES</td>
<td>Escutcheon Plates, Round/Square</td>
</tr>
<tr>
<td>-FL</td>
<td>Frosted Lens</td>
</tr>
<tr>
<td>-SKTB</td>
<td>Skate Deterrent</td>
</tr>
<tr>
<td>-CRV</td>
<td>Curved rail, consult with factory.</td>
</tr>
</tbody>
</table>

### Finishes

#### Stainless Steel

- **#4 longitudinal Satin finish, passivated for maximum rust resistance (standard)**

- **-PSS** Polished
- **-NLS** Non-linear Satin

#### Aluminum

- **-SA** Satin clear anodized

### LINKS:


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**DOWNLOAD**


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**FINISHES by COLE LIGHTING**

C.W. Cole & Company, Inc. | T: 626.443.2473 | F: 626.443.9253 | www.colelighting.com | info@colelighting.com
LR1 Series’ aluminum extrusion’s profile offers excellent asymmetric performance characteristics for both LED and fluorescent sources. A special acrylic prismatic lens optimizes performance across a wide path, such as a pedestrian bridge, while minimizing glare to the eyes.

LR1 rails are available for post and wall mount installations, as well as customized mounting to structures such as existing guard rails. Illumination is provided by a choice of high performance LEDs or T5 fluorescent lamps. Drivers and ballasts are located within the rail, above the light source. The full array of RAL powders are offered, as well as special coatings and anodizing. LR1 is UL/cUL listed, suitable for use in wet locations.

LR3 Series’ 3½” diameter cross-section offers an alternative appearance to the LR1’s angular design. Available with both symmetric and asymmetric performance characteristics, LR3 offers significant flexibility. The wrap-around acrylic prismatic lens provides exceptional performance while minimizing glare to the eyes.

LR3 rails are available for post and wall mount installations, as well as customized mounting to most any structure. Illumination is provided by a choice of high performance LEDs or T5 fluorescent lamps. Drivers and ballasts are located within the rail, above the light source. The full array of RAL powders are offered, as well as special coatings and anodizing. LR3 is UL/cUL listed, suitable for use in wet locations.
The LR1 Series' aluminum extrusion's profile offers excellent asymmetric performance characteristics for both LED and fluorescent sources. The full array of RAL special coatings and anodizing are offered, as well as custom mounting to most any structure. Illumination is achieved by a choice of high performance LED or T5 fluorescent lamps. Drivers and ballasts are located within the rail, above the light source. LR1 rails are available for post and wall mount installations, as well as customized mounting to fit specific applications.

The LR3 Series' 3 ½" diameter post mounted rail, above the light source, offers significant flexibility. The LR3 Series is UL/cUL listed, suitable for use in wet locations. LR3 rails are available for post, wall, and扩散安装，以及自定义安装方法。

Drivers and ballasts are located within the rail, above the light source. LR3 rails are available for post, wall, and spread mount installations, as well as customized mounting to fit specific applications. The LR3 Series offers an alternative appearance to the LR1's cross-section.

The specific instructions provided by C. W. Cole & Company, Inc. are not installed and operated in accordance with:

- The National Electrical Code (NEC)
- The Standards for Safety of Underwriters Laboratories, Inc. (UL)
- The standards of the American National Standards Institute (ANSI)
- The Standards of the American National Standards Institute (ANSI)

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Partial List of Installations

Amazon, Seattle - WA
Art Institute of Chicago - IL
Bloomingdale Trail, Chicago - IL
Brampton Performing Arts-Rose Theatre - ON
Bristol-Myers Squibb Princeton Pike - NJ
Brooklyn Bridge Park - NY
Claremont-McKenna College - CA
Cleveland Museum of Arts - OH
Denver Art Museum - CO
Disney World Contemporary Resort, Orlando - FL
Dubai International Airport - UAE
Elbow River Pedestrian Bridge, Calgary - AB
Fashion Show Mall, Las Vegas - NV
Franklin County Courthouse, Columbus - OH
Grinnell College Field House/Pool - IA
Guthrie Theater, Minneapolis - MN
Houston Methodist Hospital - TX
Hudson River Park Boathouse - NY
Huntington Library, San Marino - CA
Katy Trail Bridge, Dallas - TX
Manulife, Calgary, Alberta - CAN
Lewis and Clark Caverns, Whitehall - MT
Liberty Park, New York - NY
Light Rail Transit, Calgary, Alberta - CAN
Manulife, Calgary, Alberta - CAN
Metropolitan Museum of Art, New York, NY
Miami (Perez) Art Museum - FL
Mint Museum of Art, Charlotte - NC
Montgomery College, Rockville - MD
National Center for Civil and Human Rights, Atlanta - GA
National Museum of Natural History - Smithsonian Institution, Washington - D.C.
Port of LA Headquarters, Los Angeles - CA
Pueblo County Judicial Building - CO
Rutgers University - Business School - NJ
San Francisco-Oakland Bay Bridge Bikeway - CA
Santa Monica Place - CA
Stanford University Meyer Library, Palo Alto - CA
Staten Island Courthouse - NY
Syracuse University Carnegie Library - NY
University of Oregon, Price Science, Eugene - OR
University of KY, Student Center, Lexington - KY
University of Michigan Clements Library, Ann Arbor, MI
University of Southern California - Galen Center, Los Angeles, CA
University of Technology Sydney - AUS
Winsor City Hall, Ontario - CAN
WMATA Union Station, Was Washington DC
WTC Cortlandt Way, New York - NY
Yankee Stadium, Bronx - NY
Zucotti Park Plaza, New York, NY