

iRAIL - Linear LED System

Lighting Integration for Architectural Railings



VIVA RAILINGS
LEADERS IN ARCHITECTURAL RAILING SYSTEMS

DESIGN • ENGINEER • FABRICATE • INSTALL



iRAIL LINEAR LED SYSTEM



iRail Linear LED System

The iRail Linear LED is a versatile and energy-efficient lighting solution tailored for modern architectural projects. Designed for seamless integration into railings, it provides safe and stylish illumination for pathways, staircases, and public spaces.

Highlights:

- Energy-efficient: 3W/ft and 5W/ft options available.
- IP67-rated for durability in all environments.
- Available in stainless steel or wood finish handrail/top rail for compatibility with various designs.

Performance Insights:

- Symmetrical Orientation: Uniform lighting for balanced illumination.
- Asymmetrical Orientation: Focused lighting for directional needs (ideal for walkways).

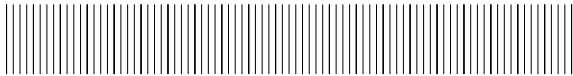
Applications:

- Public and Private Pathways
- Staircase Lighting
- Indoor and Outdoor Architectural Elements

Light Dispersion Diagrams: See diagrams and tables for light output at different heights and distances on pg 4.



DETAILS

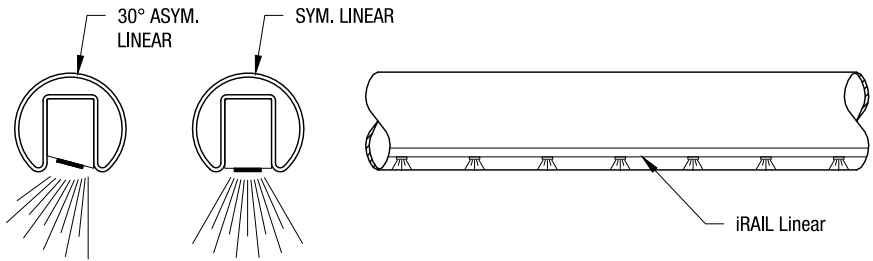
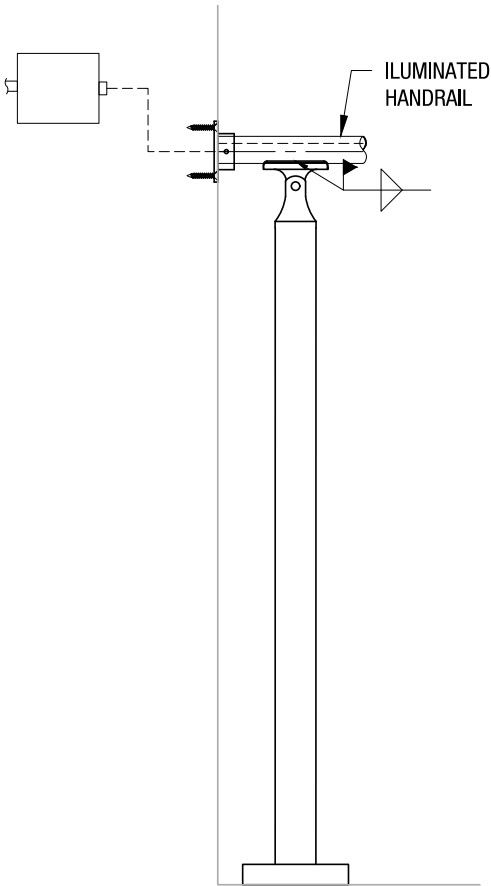


iRAIL LINEAR
(CONTINUOUS iRAIL)¹

TOP RAIL / HAND RAIL	FINISH	SPEC
Ø1-1/2" Stainless Steel (304 or 316)	#6 Satin	Color: 2700K to 6500K variable / adjustable. Output: 0 to 5 Watt/ft adjustable. (SYM 50% to 100% - 275lm/ft to 500lm/ft) (ASY 50% to 100% - 250lm/ft to 490lm/ft) Beam Angle: 120° Orientation: Symmetrical or Asymmetrical at 30° Power: Input 120 - 277 V AC, Output 12 V DC Lens: Clear CRI: >90 Rating: IP67
Ø1-1/2" Stainless Steel 201	Powder Coat	
Ø2" Wood (Red Oak, White Oak, Cherry or Maple) ²	Unstained	



All LED LINEAR products are ETL certified; ETL mark is proof of product compliance to North American safety standard.

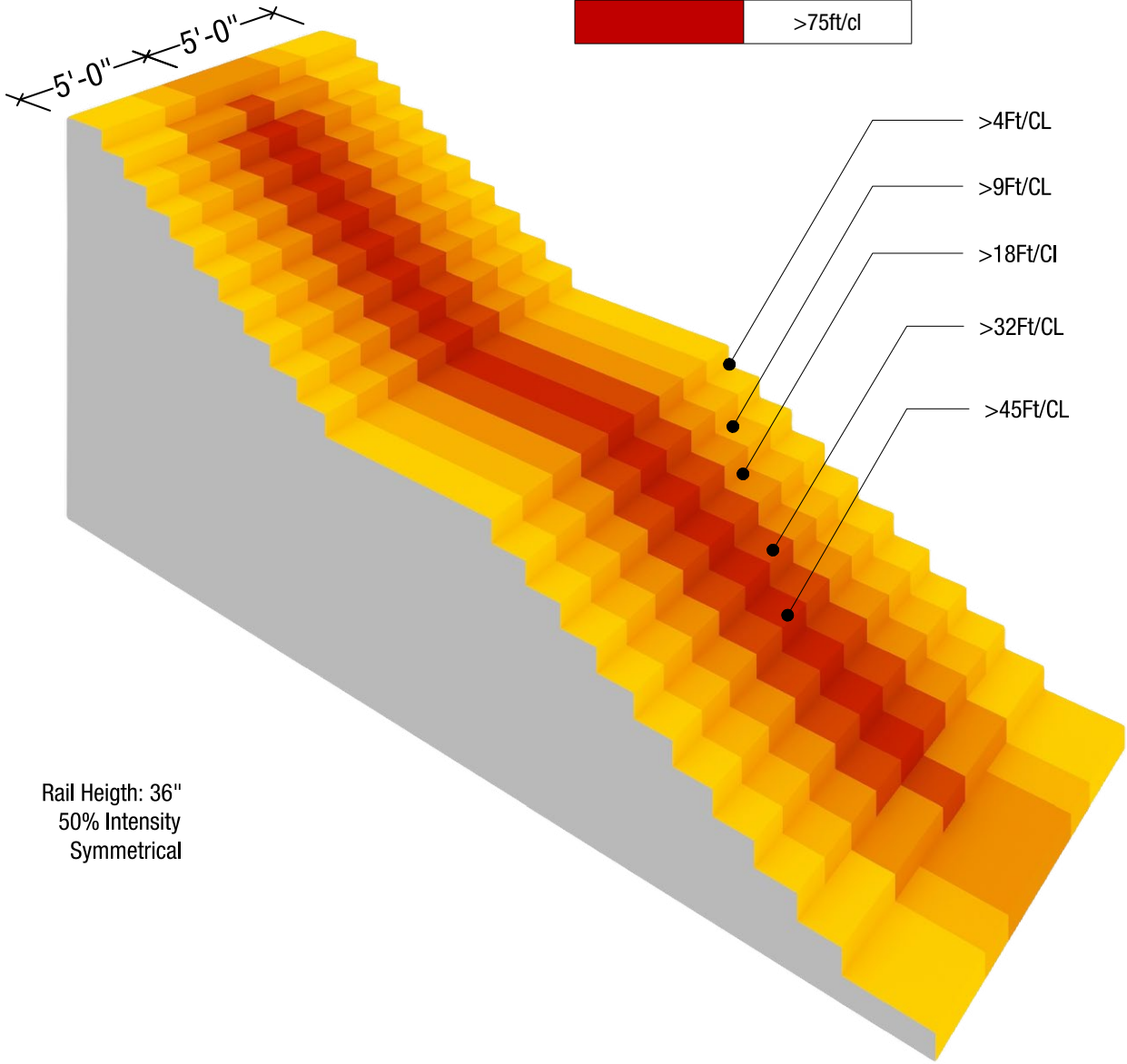
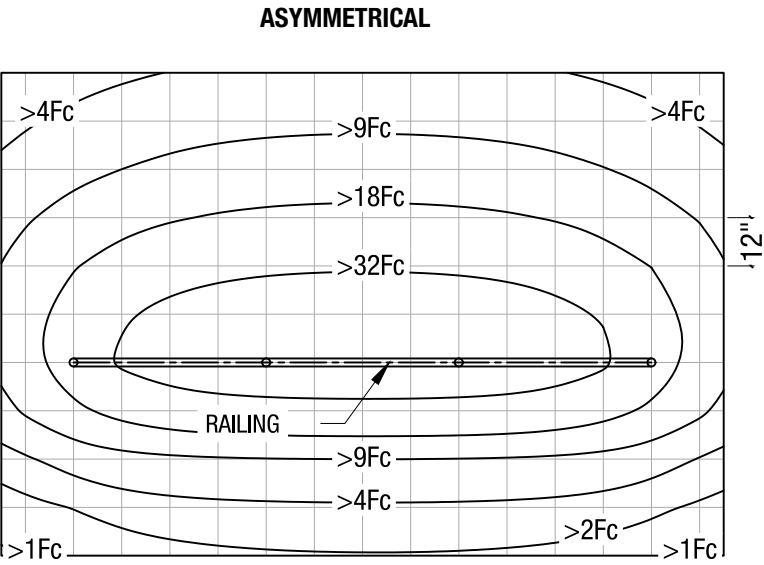
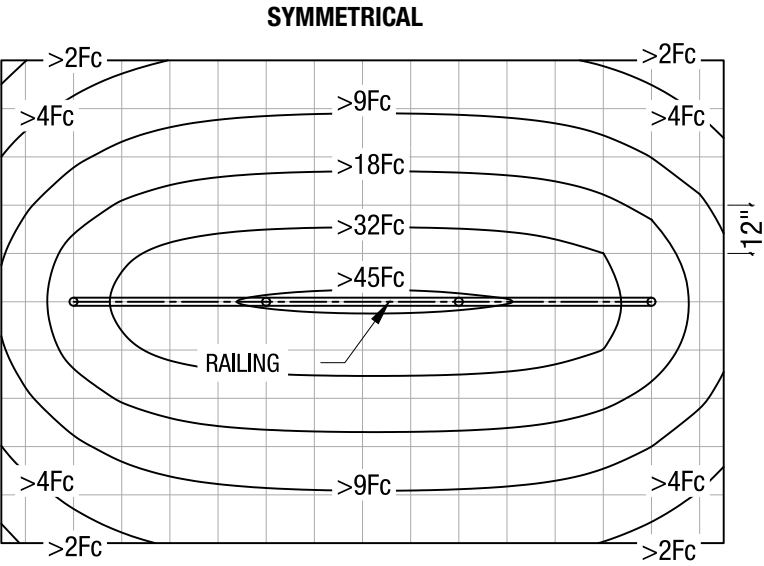


iRAIL LINEAR ORIENTATION OPTIONS



Rail Height: 36"

50% INTENSITY

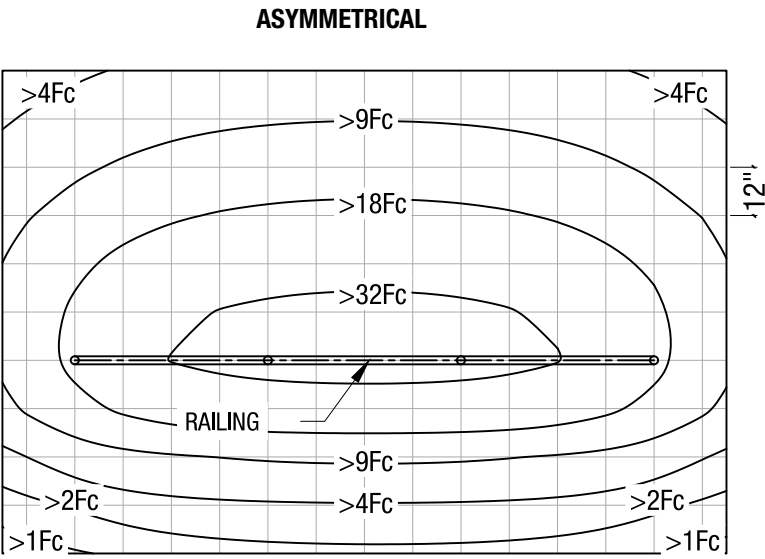
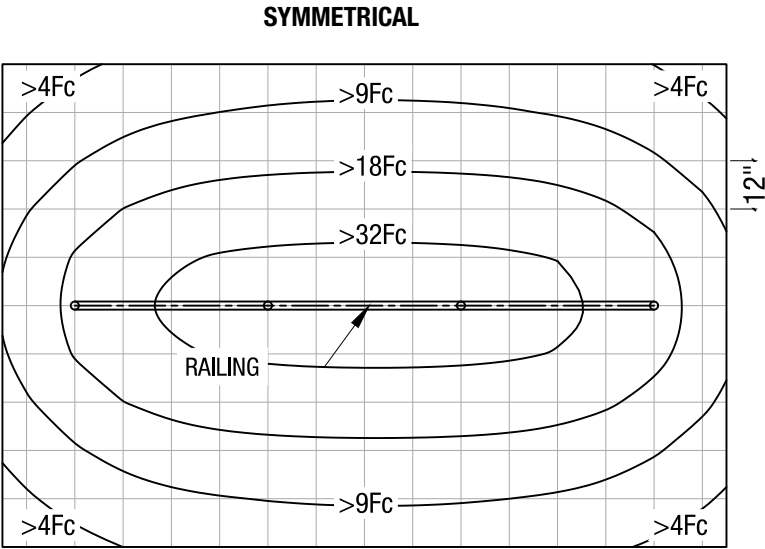


Legend	
Color	Intensity (ft/cl)
Yellow	>1ft/cl
Light Yellow	>2ft/cl
Yellow-Orange	>4ft/cl
Orange	>9ft/cl
Dark Orange	>18ft/cl
Red-Orange	>32ft/cl
Red	>45ft/cl
Dark Red	>75ft/cl

>4Ft/CL
>9Ft/CL
>18Ft/CL
>32Ft/CL
>45Ft/CL

Rail Height: 42"

50% INTENSITY



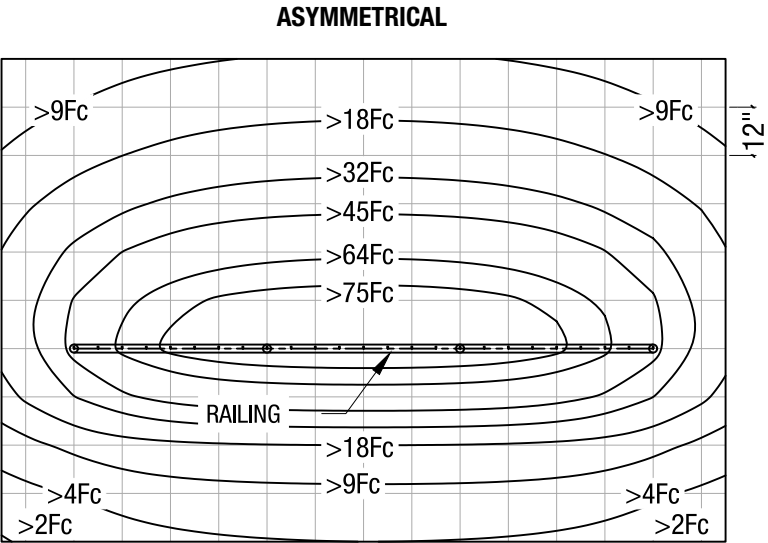
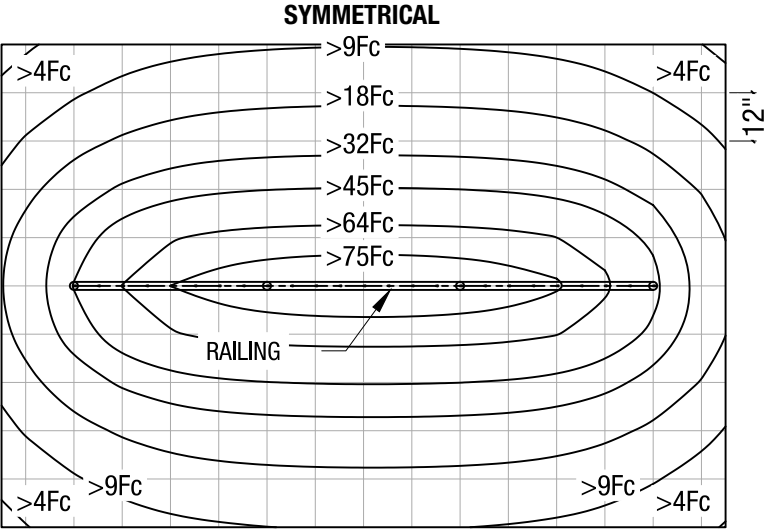
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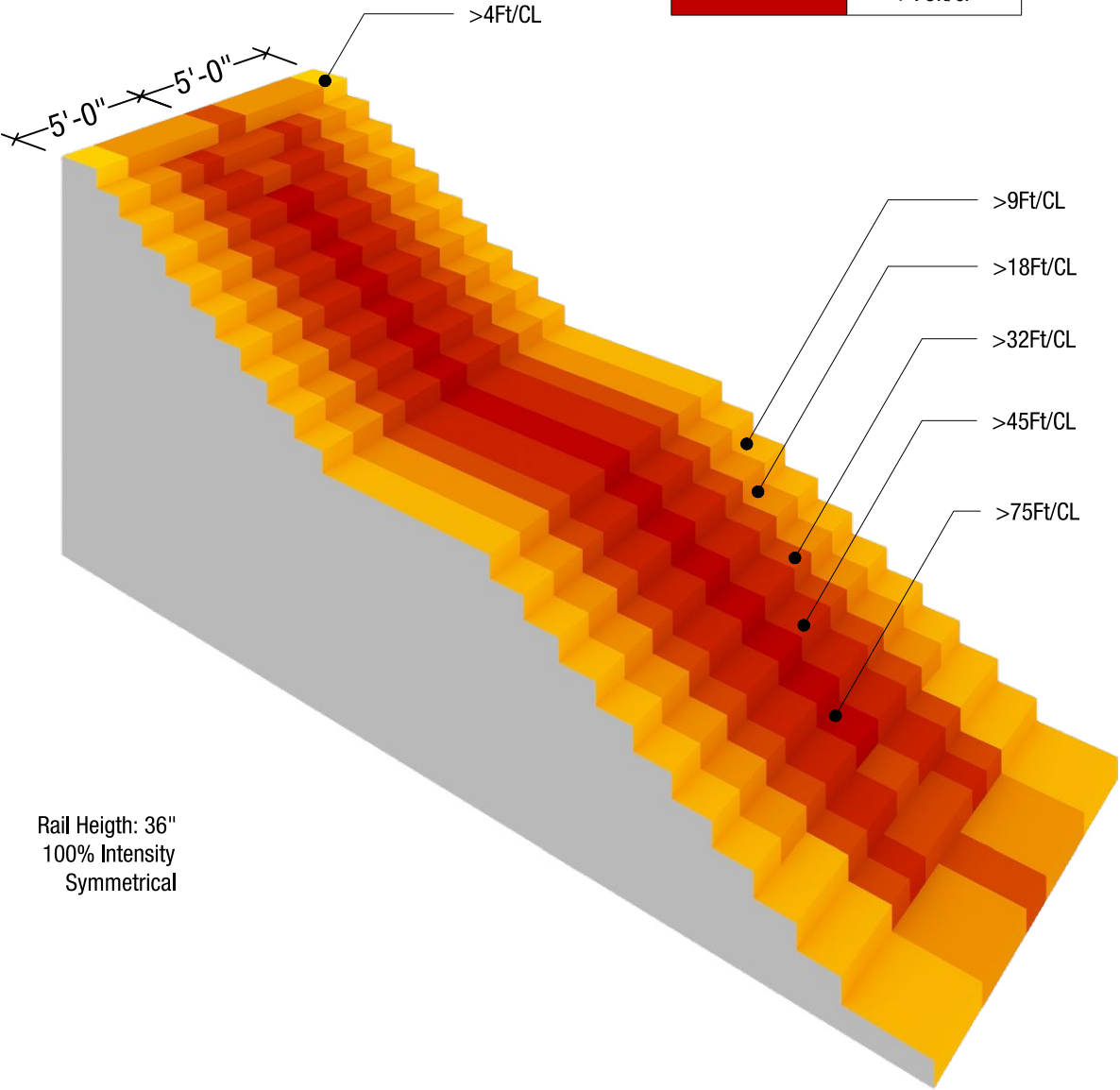


Rail Height: 36"

100% INTENSITY

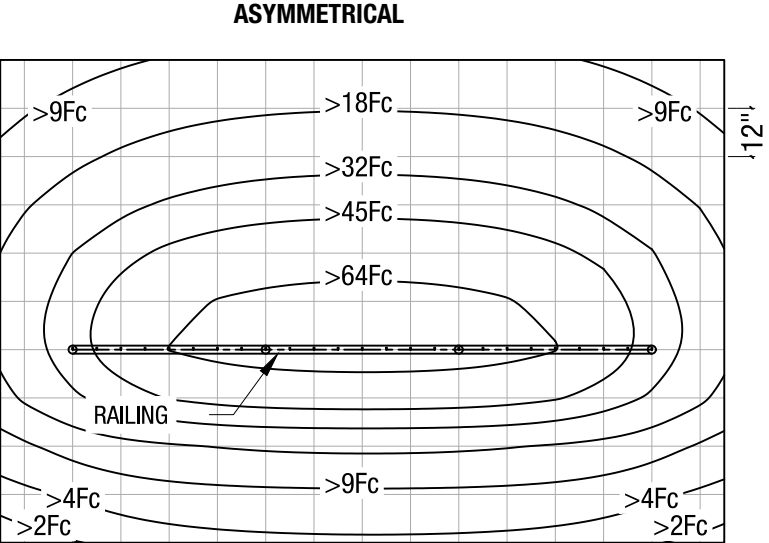
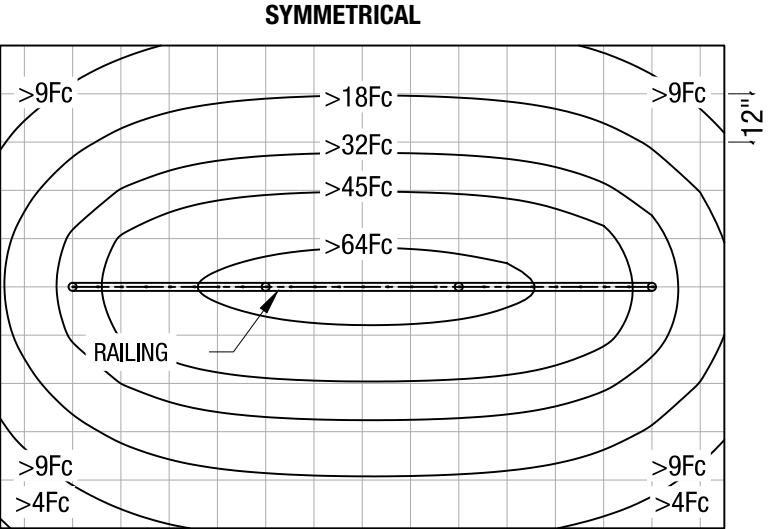


Legend	
Color	Intensity (ft/cl)
Yellow	>1ft/cl
Light Yellow	>2ft/cl
Yellow-Orange	>4ft/cl
Orange	>9ft/cl
Dark Orange	>18ft/cl
Red-Orange	>32ft/cl
Red	>45ft/cl
Dark Red	>75ft/cl



Rail Height: 42"

100% INTENSITY

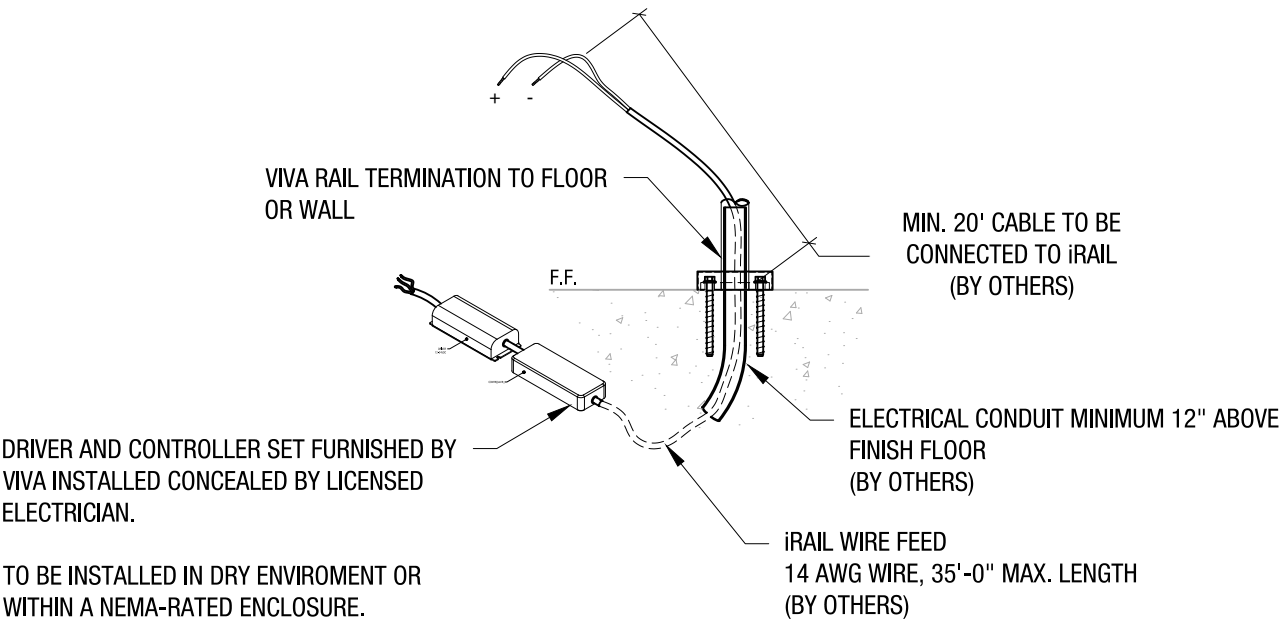


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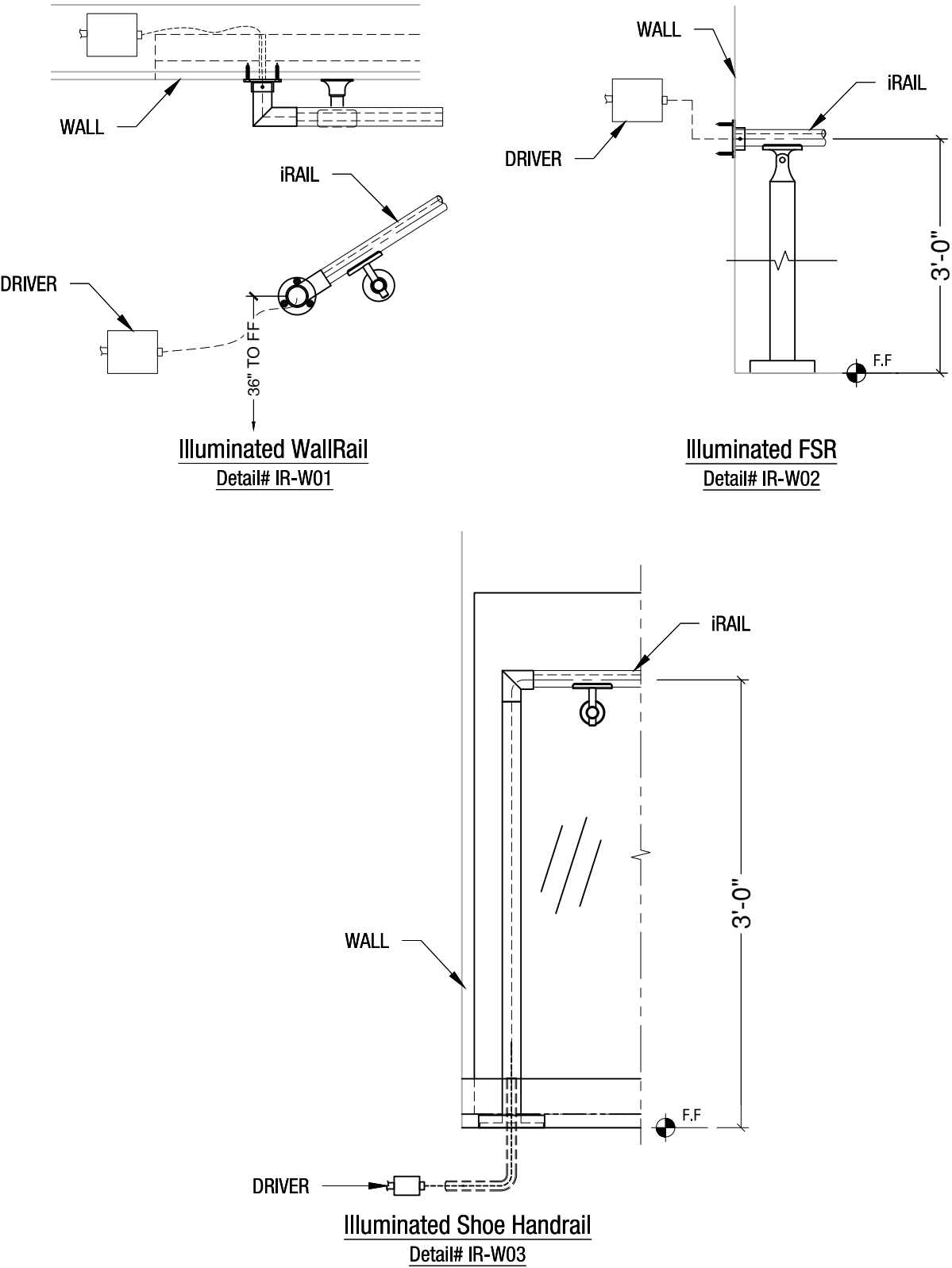
WIRE FEED OPTION



PROVIDE ONE PAIR OF WIRES 14 GA (BLACK-RED) FOR EVERY iRAIL RUN. EVERY iRAIL RUN COVERS:

- 32ft MAX FOR iRAIL LINEAR MEDIUM INTENSITY (5 W/ft)

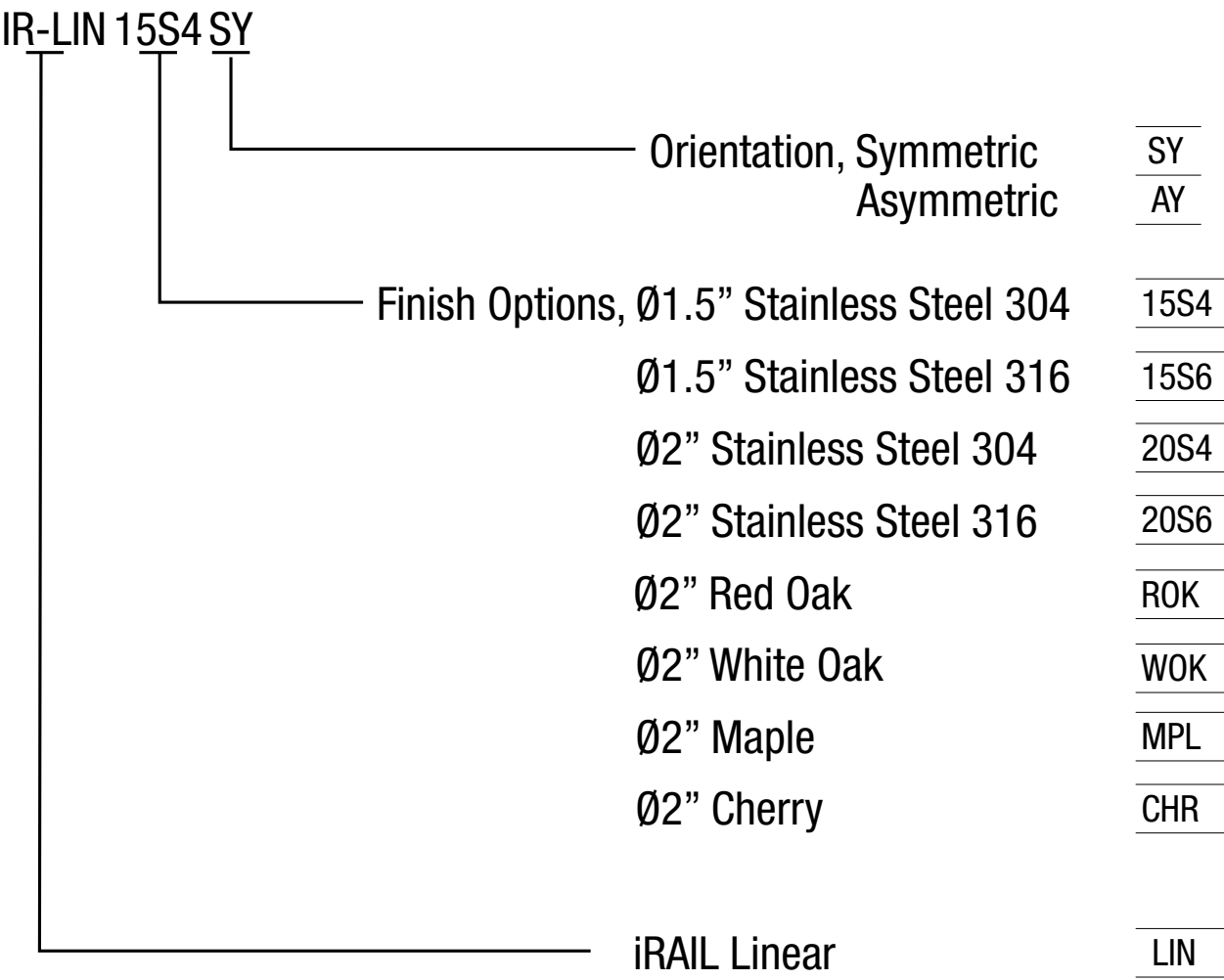
*WALL OR FLOOR WIRE FEED ENTRY REQUIRED AT RAILING TERMINAL POINT. TYP.



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iRAIL LIGHTED RAILING SYSTEM GRANITE PARK VI

GRANITE PARK VI - PLANO, TX
General Contractor: Austin Comm.
Architect: BOKA Powell



iRAIL LIGHTED RAILING SYSTEM MCGRATH AMPHITHEATRE VENUE

MCGRATH AMPHITHEATRE - CEDAR RAPIDS, IA
General Contractor: Justice Electric

iRAIL LIGHTED RAILING SYSTEM CHOCTAW CASINO & RESORT

CHOCTAW CASINO & RESORT - DURANT, OK
General Contractor: TEPCO Glass
Architect: JCJ Architecture



iRAIL LIGHTED RAILING SYSTEM ANDRETTI / GRANDSCAPE

ANDRETTI / GRANDSCAPE - THE COLONY, TX
General Contractor: VCC Construction Corp.
Architect: Merriman - MAA Architects



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Material & Resources Credits 4.1 and 4.2



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