



iRAIL - PODS LED System

Lighting Integration for Architectural Railings



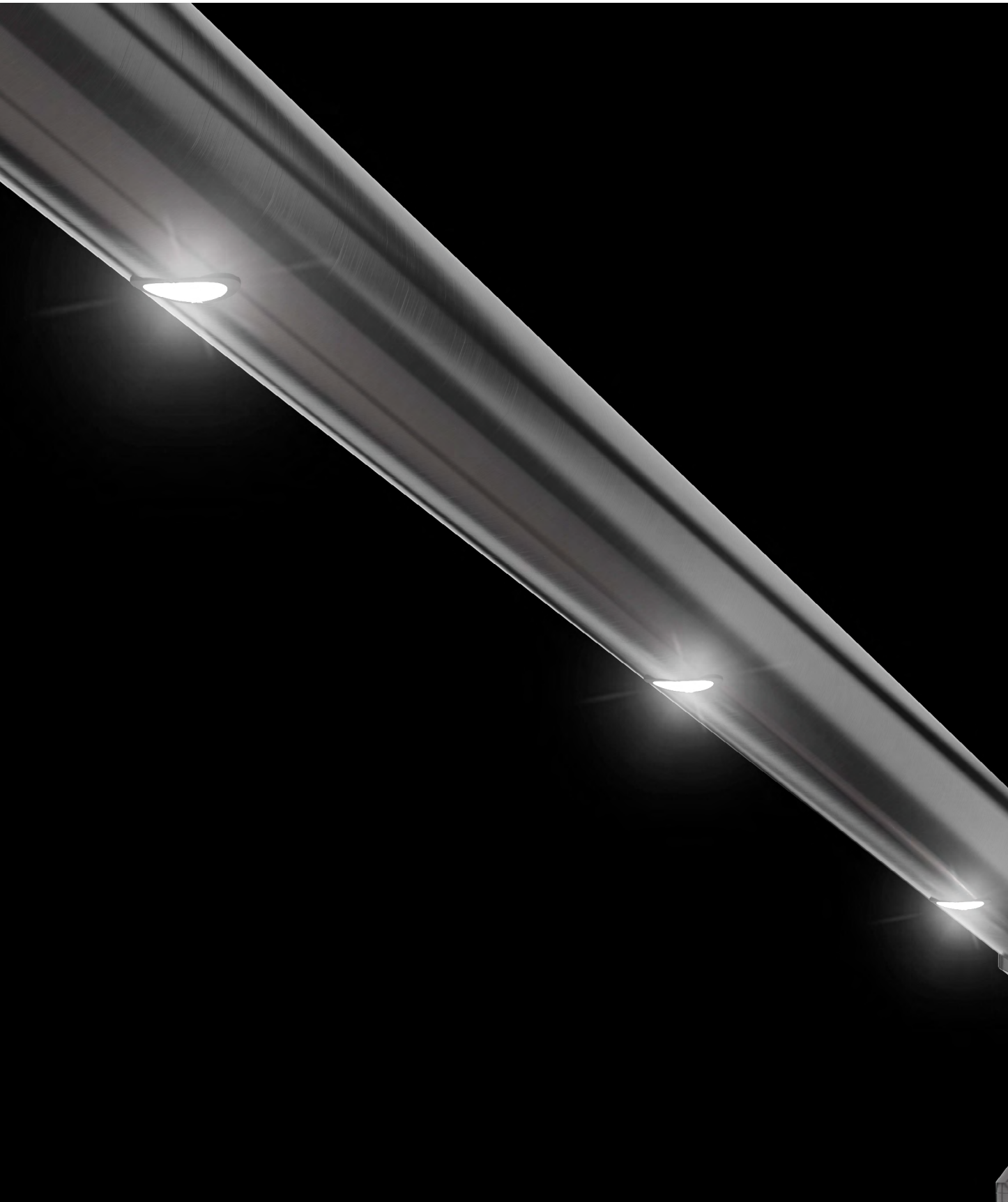
VIVA RAILINGS

LEADERS IN ARCHITECTURAL RAILING SYSTEMS

DESIGN • ENGINEER • FABRICATE • INSTALL



iRAIL PODS LED SYSTEM



The LED PODS lighting solution by VIVA Railings delivers seamless and discreet illumination, integrated directly into the handrail system. Designed for both functional and architectural enhancement, each pod provides precision lighting with minimal visual footprint.

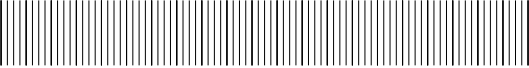
Key Features:

- Recessed LED modules housed within stainless steel handrails for a streamlined, minimalist appearance.
- Offers symmetric or 22° asymmetric beam orientation, with beam spreads of 70°, allowing tailored light distribution.
- Multiple spacing options (18", 24", 36") accommodate varying light level requirements along walkways or ramps.
- Delivers 155 lumens per pod, in symmetric or asymmetric setup at just 2W power consumption. .
- Rated IP67, ensuring resistance to dust and water ingress.
- Available in 3000K Warm White or 4000K Cool White color temperatures.

This system is ideal for contemporary environments prioritizing subtle lighting and safety, while maintaining a refined, uninterrupted railing profile.



DETAILS



TOP RAIL / HAND RAIL	FINISH	SPEC
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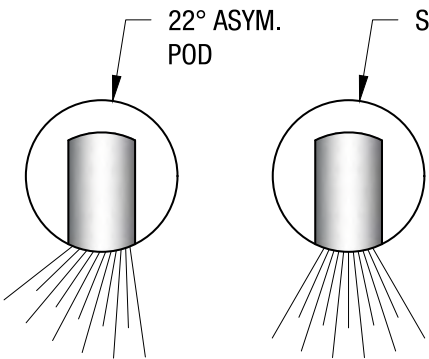
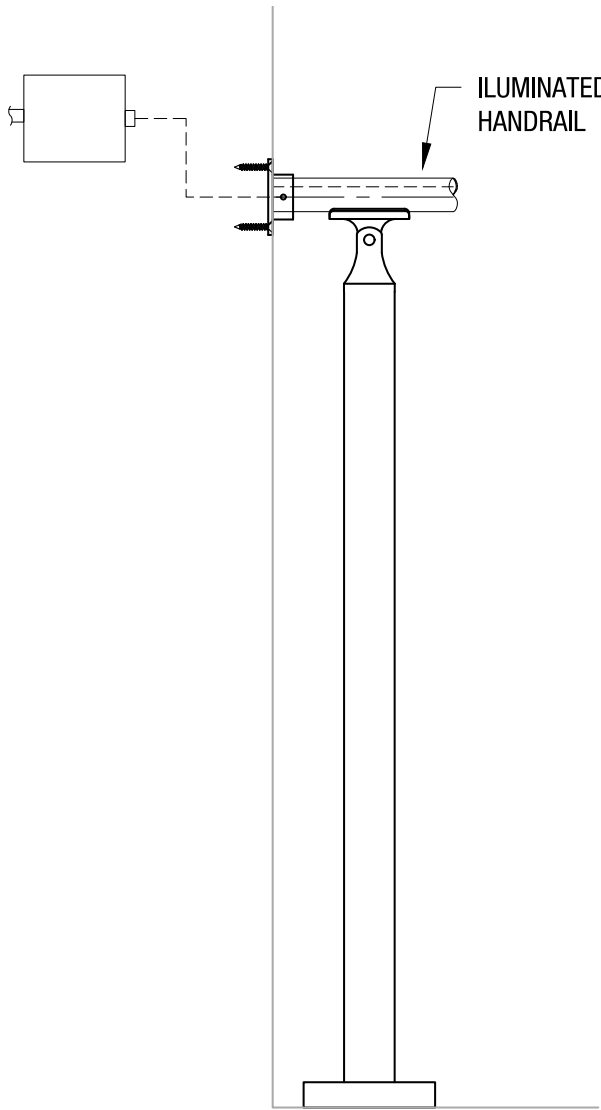
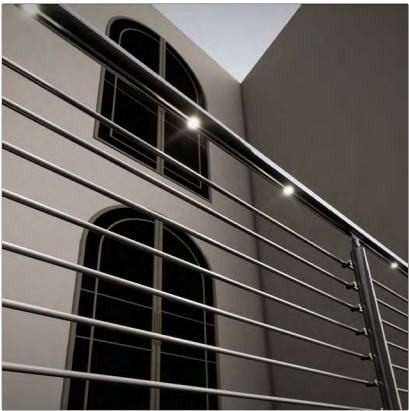
iRAIL PODS	Ø1-1/2" Stainless steel (304 or 316)	#6 Satin Powder Coated PVDF	Color: 3000K Warm White or 4000K Cool White. Output: 2 Watt - 155 lumens per pod Beam Angle: 70° Asymmetrical - 78° Symmetrical Orientation: Symmetrical or Asymmetrical at 22° Power: Input 100 - 305 V AC, Output 12 V DC CRI: >80 Rating: IP67
	Ø1-1/2" Steel		
	Ø2" Stainless Steel (304 or 316)		
	Ø2" Steel		


Intertek

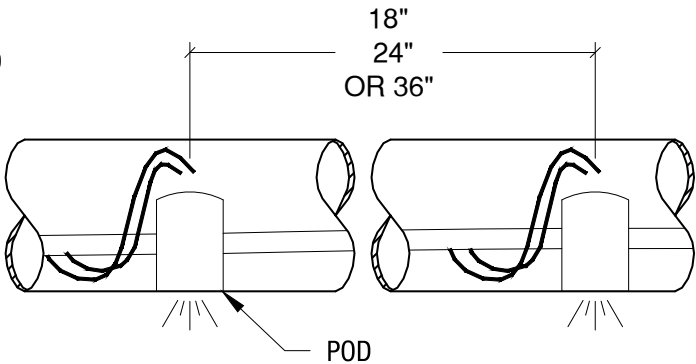
All LED PODS products are ETL certified;
ETL mark is proof of product compliance to
North American safety standard.



OVERVIEW



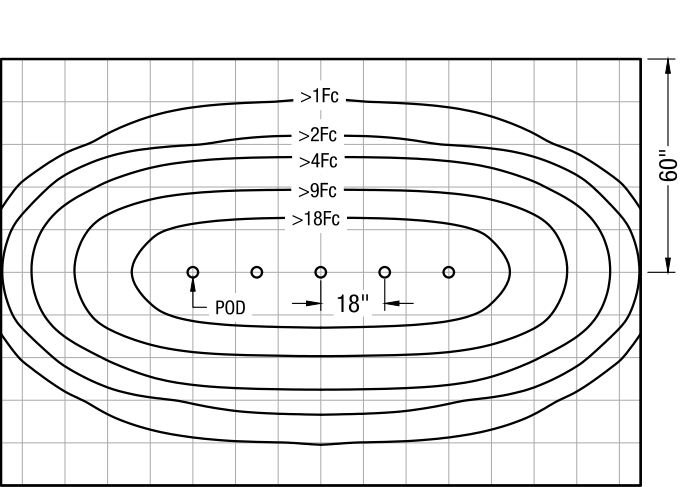
iRAIL POD ORIENTATION OPTIONS



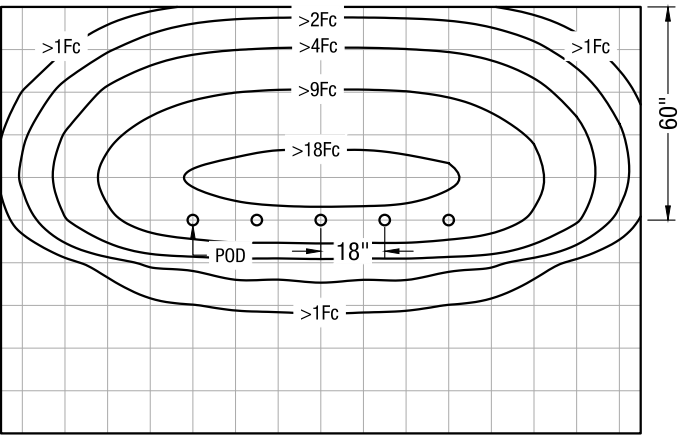
iRAIL POD SPACING OPTIONS



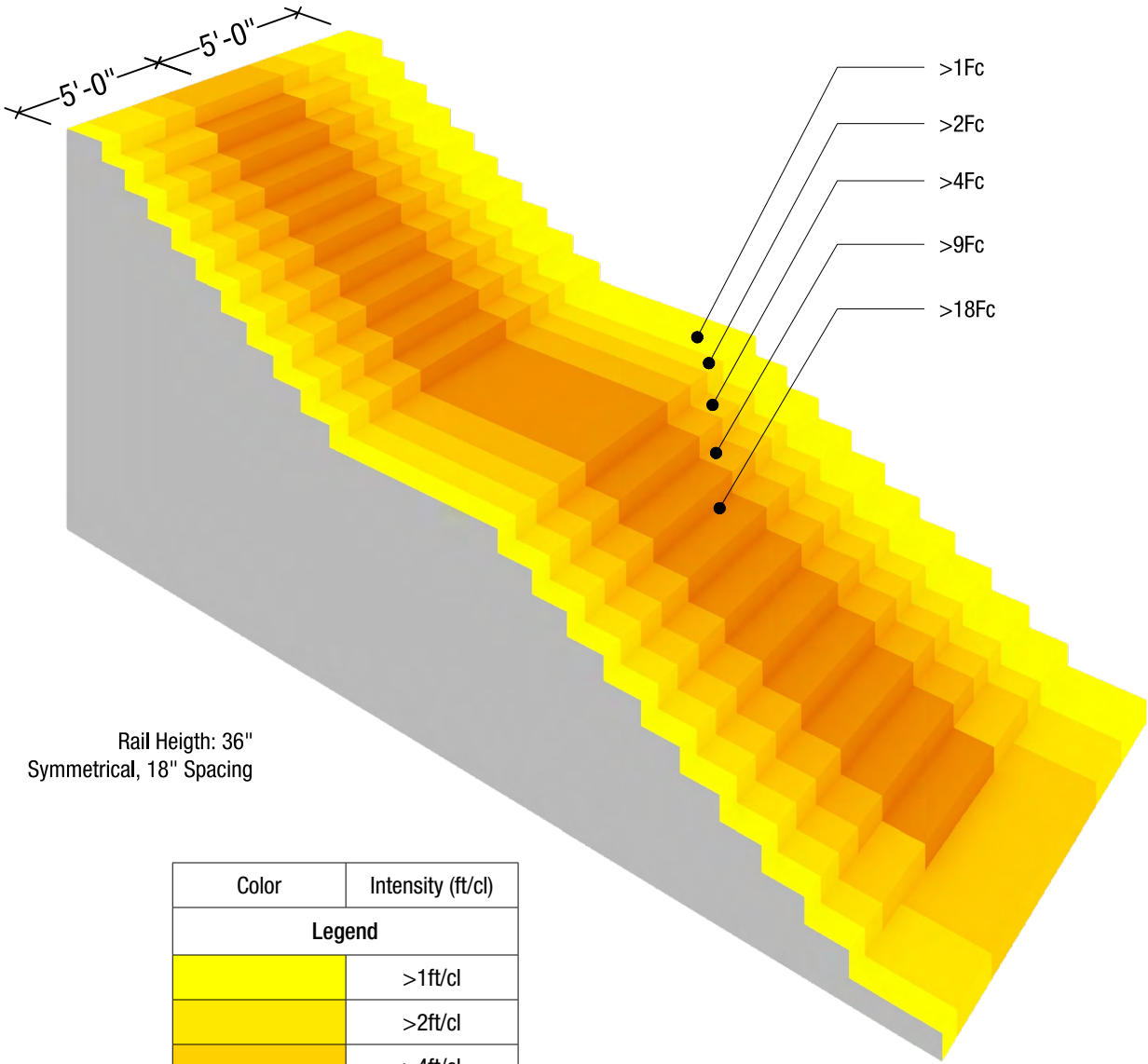
DISPERSION DIAGRAM - 18" SPACING



POD RAILING = 36" HEIGHT SYMMETRICAL

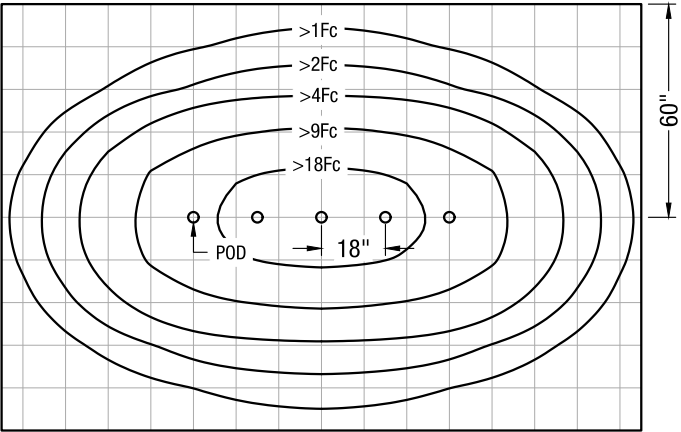


POD RAILING = 36" HEIGHT ASYMMETRICAL

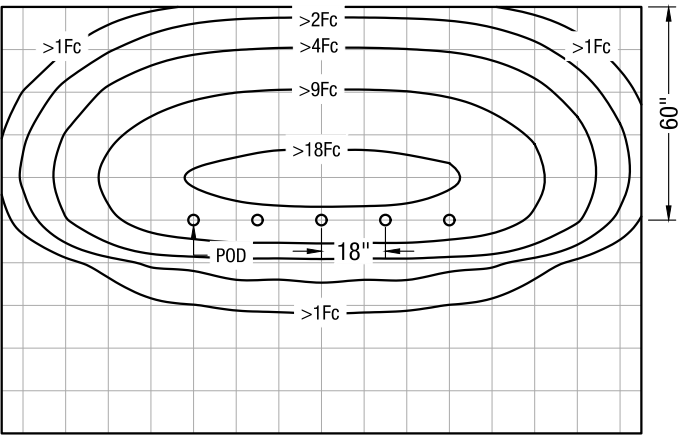


Rail Height: 36"
Symmetrical, 18" Spacing

Color	Intensity (ft/cl)
Legend	
	>1ft/cl
	>2ft/cl
	>4ft/cl
	>9ft/cl
	>18ft/cl
	>32ft/cl
	>45ft/cl
	>75ft/cl



POD RAILING = 42" HEIGHT SYMMETRICAL



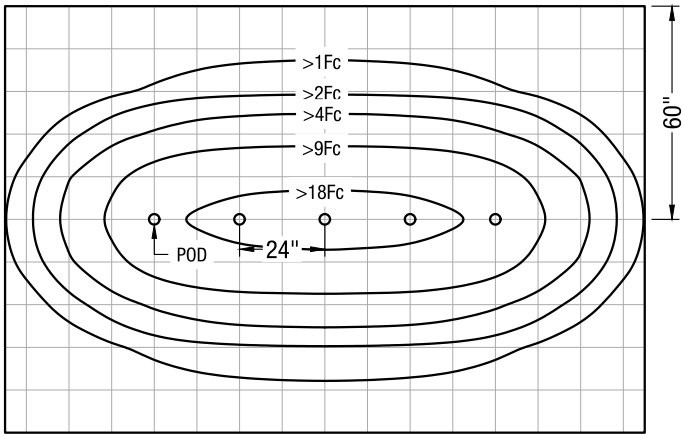
POD RAILING = 36" HEIGHT ASYMMETRICAL

ALL VALUES IN FOOT-CANDLE (FC)

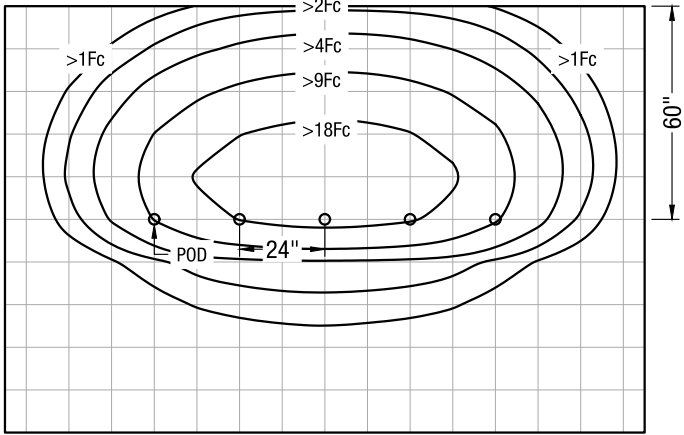
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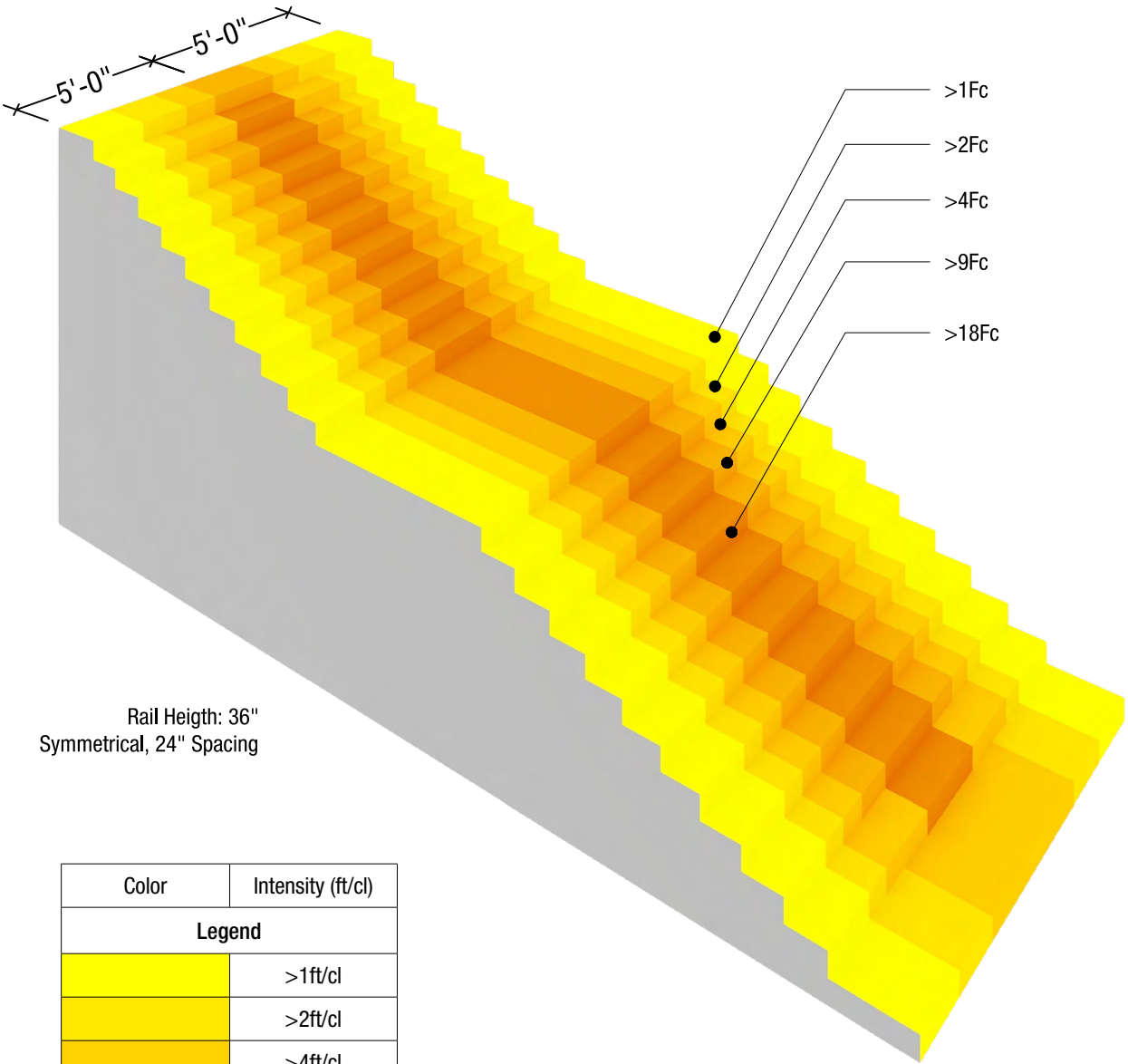
DISPERSION DIAGRAM - 24" SPACING



POD RAILING = 36" HEIGHT SYMMETRICAL

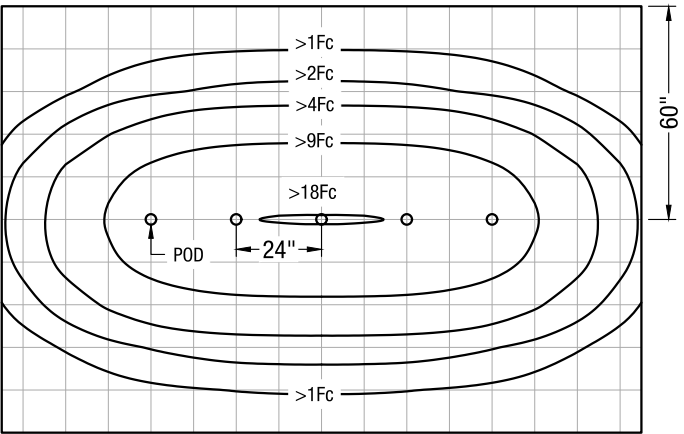


POD RAILING = 36" HEIGHT ASYMMETRICAL

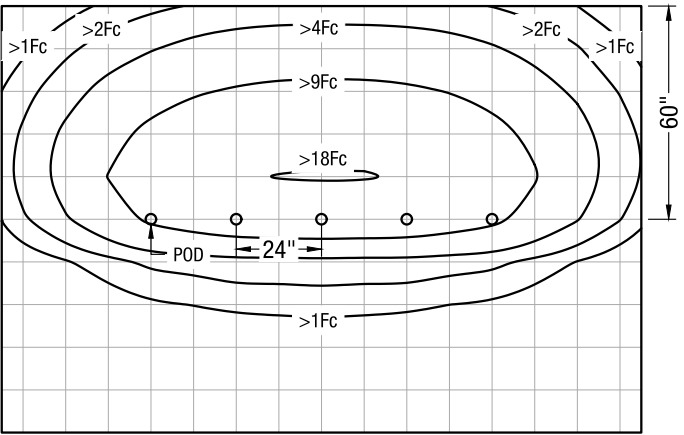


Rail Height: 36"
Symmetrical, 24" Spacing

Color	Intensity (ft/cl)
Legend	
	>1ft/cl
	>2ft/cl
	>4ft/cl
	>9ft/cl
	>18ft/cl
	>32ft/cl
	>45ft/cl
	>75ft/cl



POD RAILING = 42" HEIGHT SYMMETRICAL



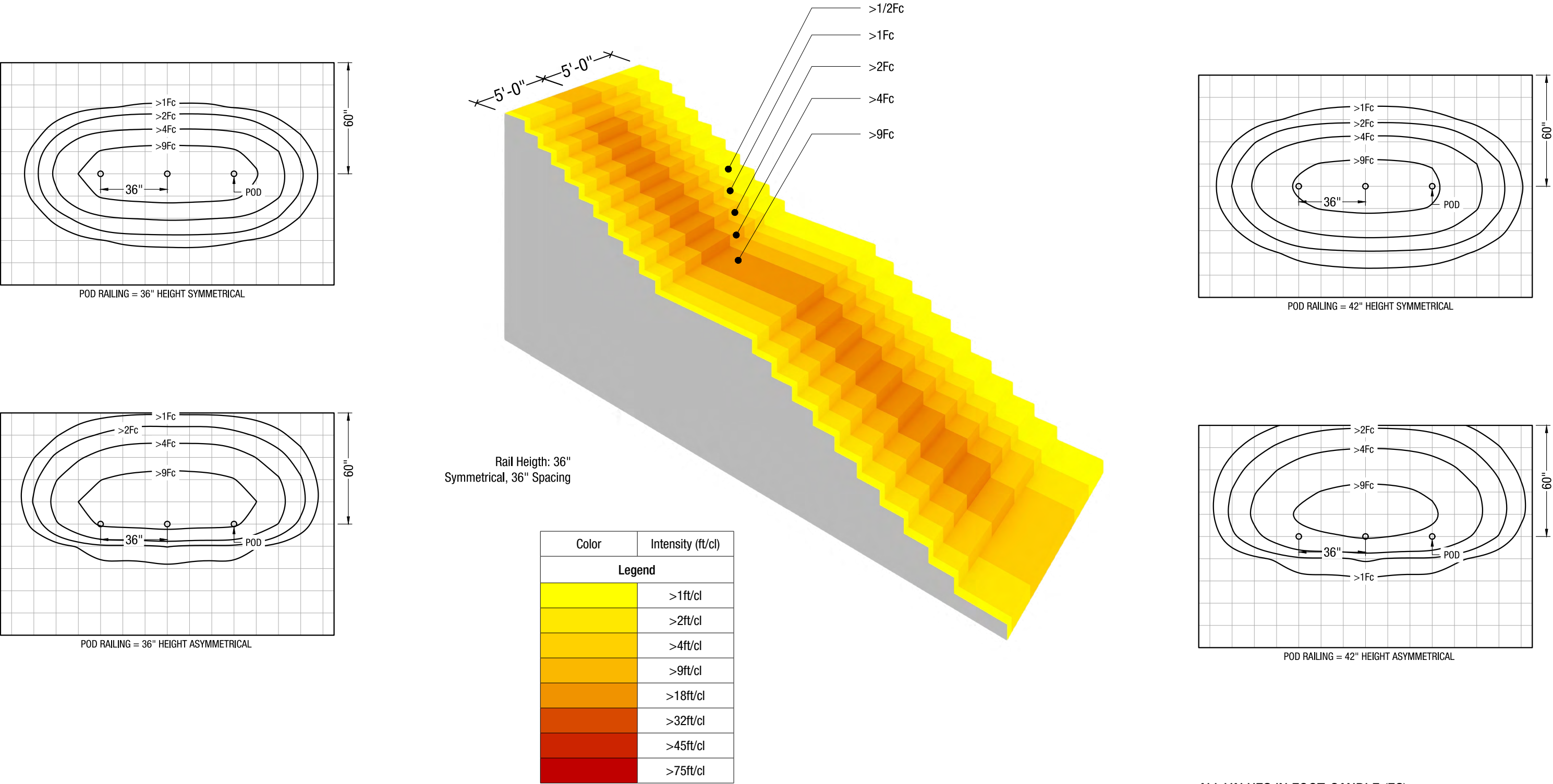
POD RAILING = 42" HEIGHT ASYMMETRICAL

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DISPERSION DIAGRAM - 36" SPACING

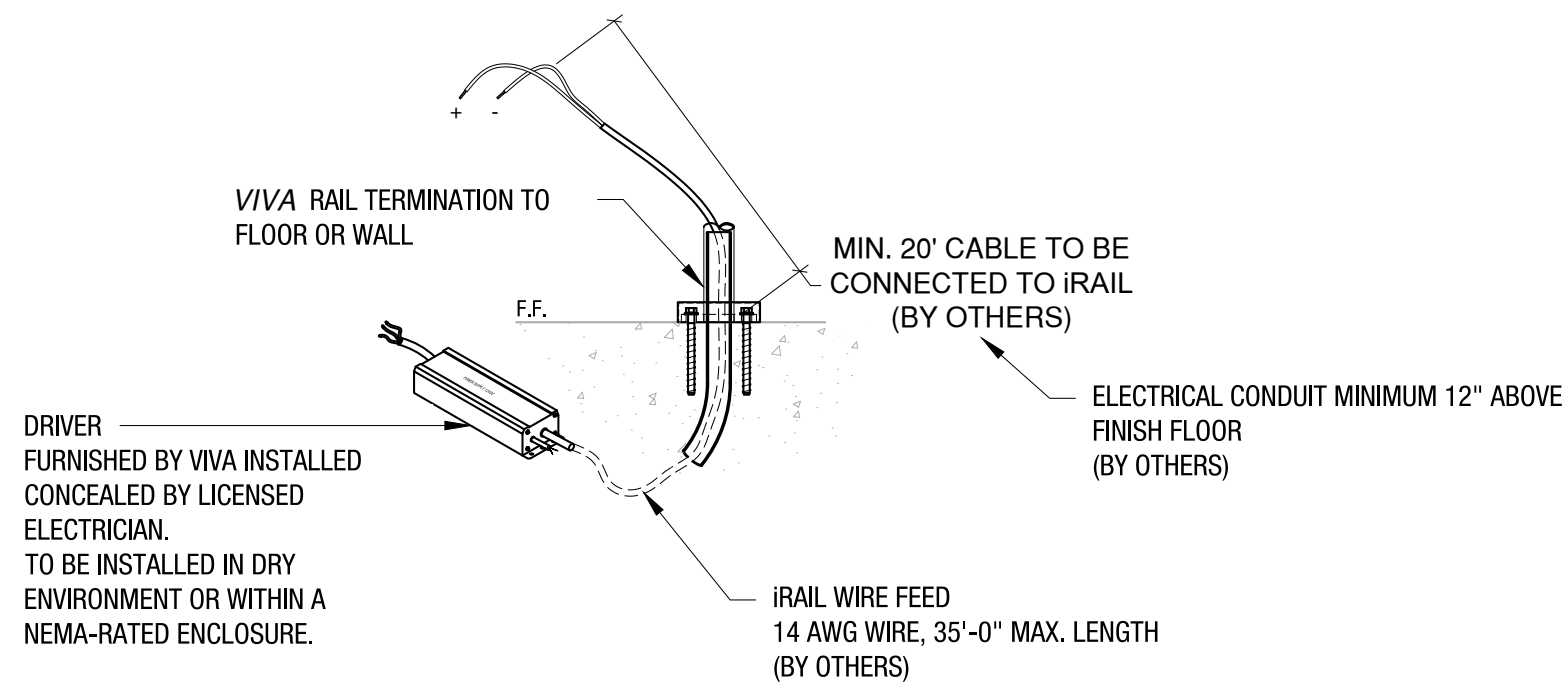


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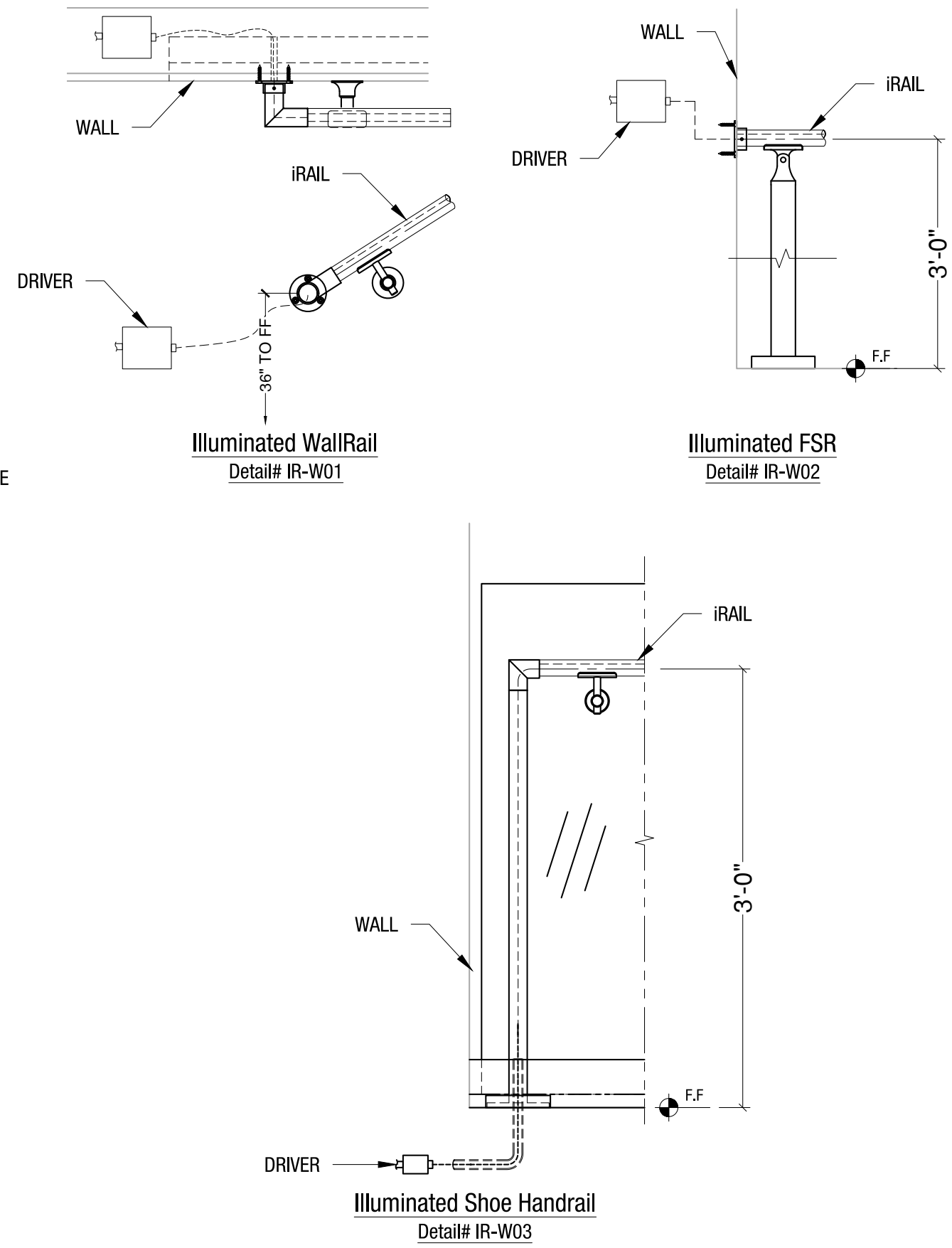


WIRE FEED OPTION



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

- EACH DRIVER FEED SUPPORTS UP TO 70'-0" OR 30 PODS MAX.

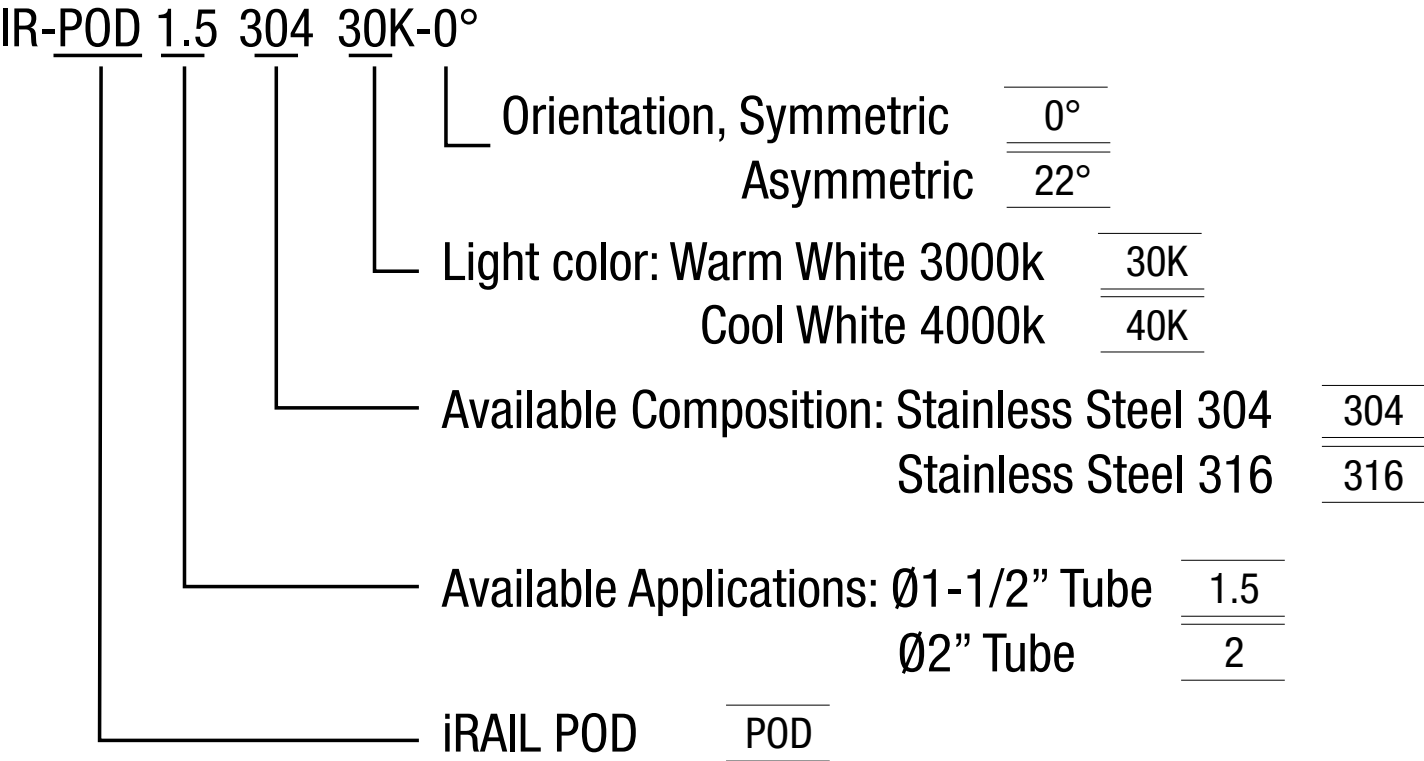


*WALL OR FLOOR WIRE FEED ENTRY REQUIRED AT RAILING TERMINAL POINT. TYP.

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ORDER CODE



iRAIL LIGHTED RAILING SYSTEM GRANITE PARK VI



GRANITE PARK VI - PLANO, TX

General Contractor: Austin Comm.

Architect: BOKA Powell





VIVA RAILINGS HEADQUARTERS - LEWISVILLE, TX



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





DESIGN + ENGINEER + FABRICATE + INSTALL

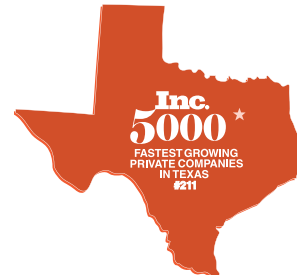
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