

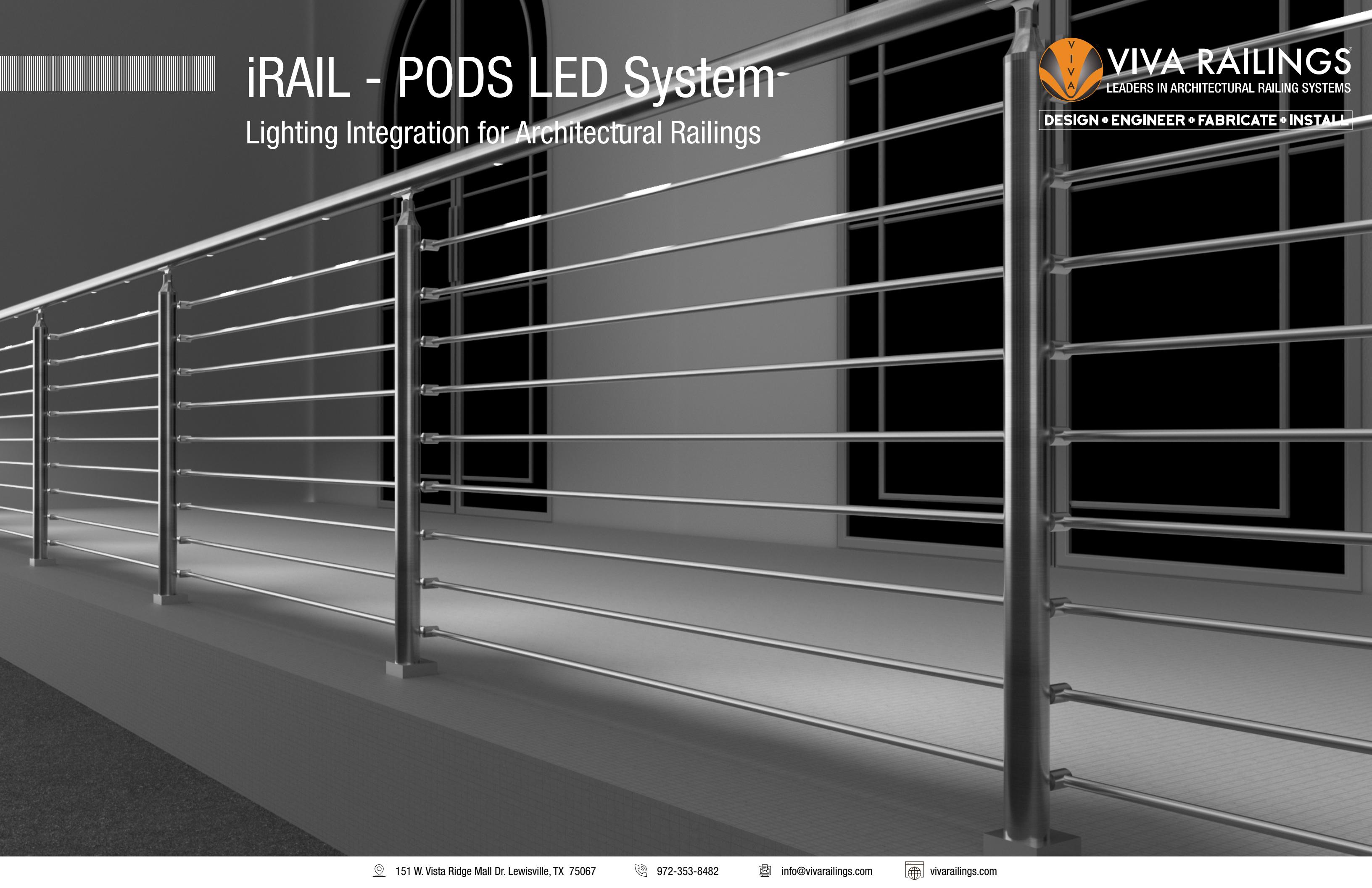
iRAIL - PODS LED System

Lighting Integration for Architectural Railings

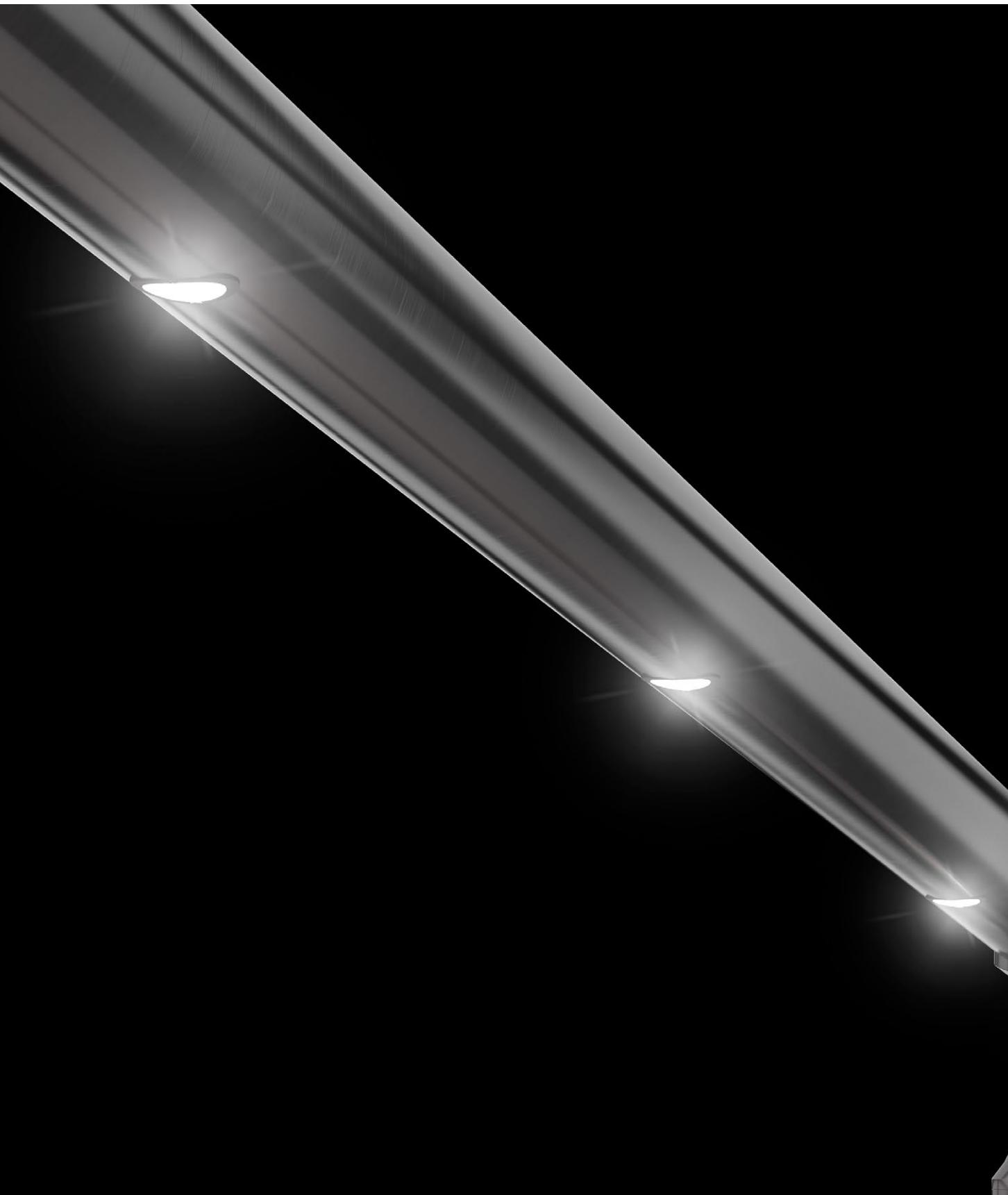


VIVA RAILINGS
LEADERS IN ARCHITECTURAL RAILING SYSTEMS

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 175 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.



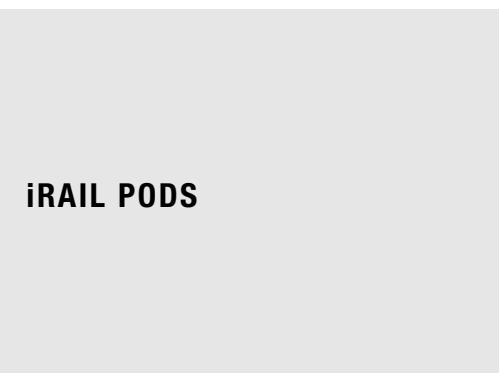
DETAILS



TOP RAIL / HAND RAIL

FINISH

SPEC

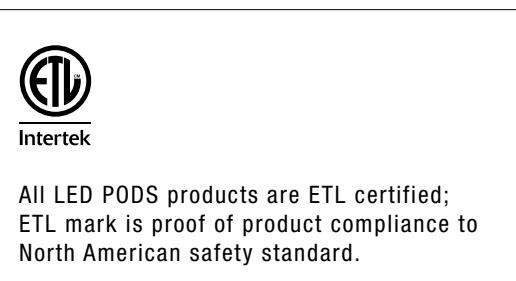


iRAIL PODS

| |
|--------------------------------------|
| Ø1-1/2" Stainless steel (304 or 316) |
| Ø1-1/2" Stainless steel (201) |
| Ø2" Stainless Steel (304 or 316) |
| Ø2" Stainless Steel (201) |

| |
|---|
| #6 Satin Powder Coated CeraShield PVDF |
|---|

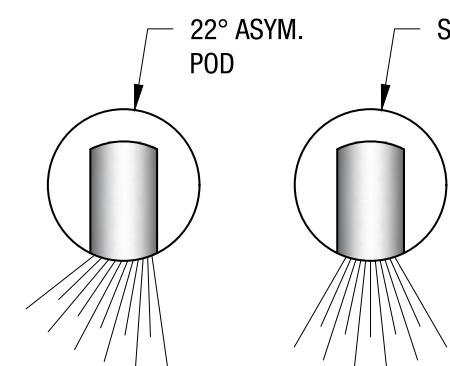
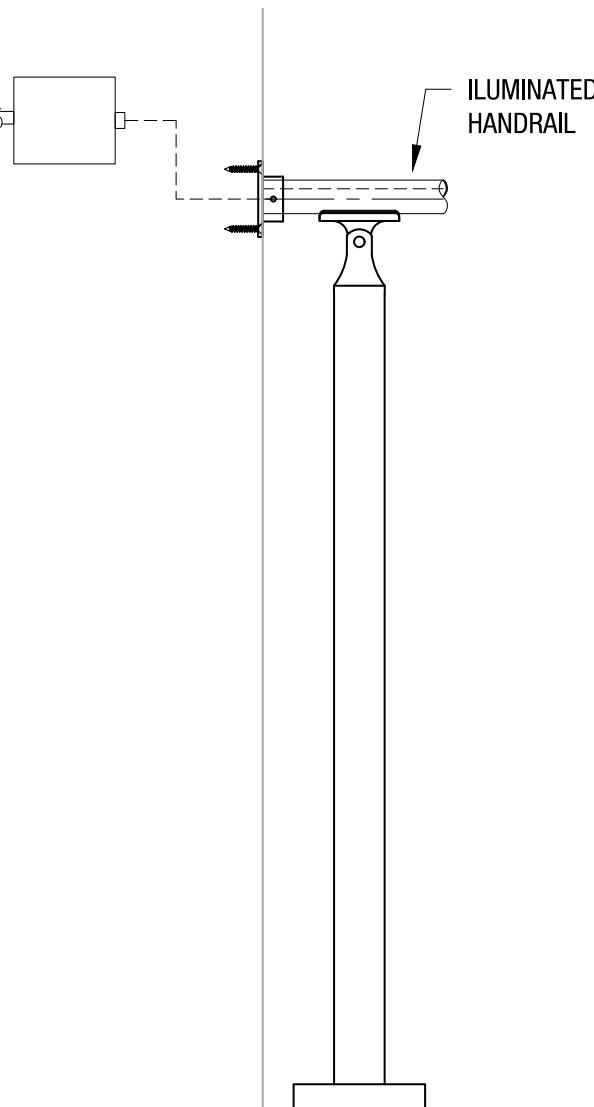
| | |
|--------------|---------------------------------------|
| Color: | 3000K Warm White or 4000K Cool White. |
| Output: | 2 Watt - 155 lumens per pod |
| Beam Angle: | 70° Asymmetrical - 78° Symmetrical |
| Orientation: | Symmetrical or Asymmetrical at 22° |
| Power: | Input 100 - 305 V AC, Output 12 V DC |
| CRI: | >80 |
| Rating: | IP67 |



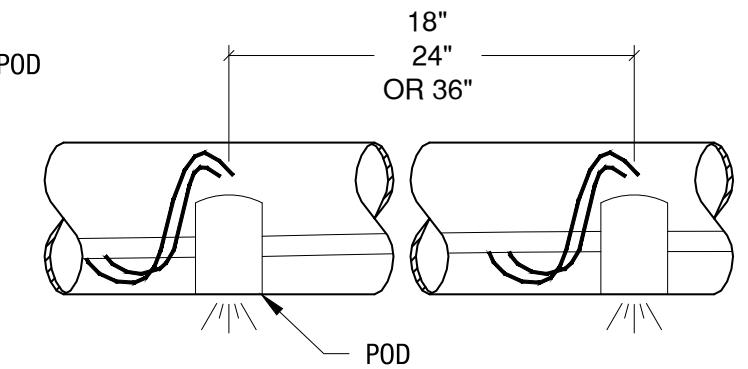
All LED PODS products are ETL certified;
ETL mark is proof of product compliance to
North American safety standard.



OVERVIEW



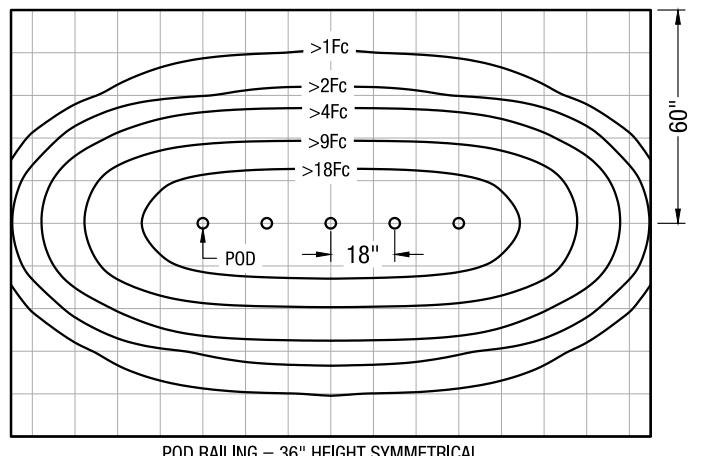
iRAIL POD ORIENTATION OPTIONS



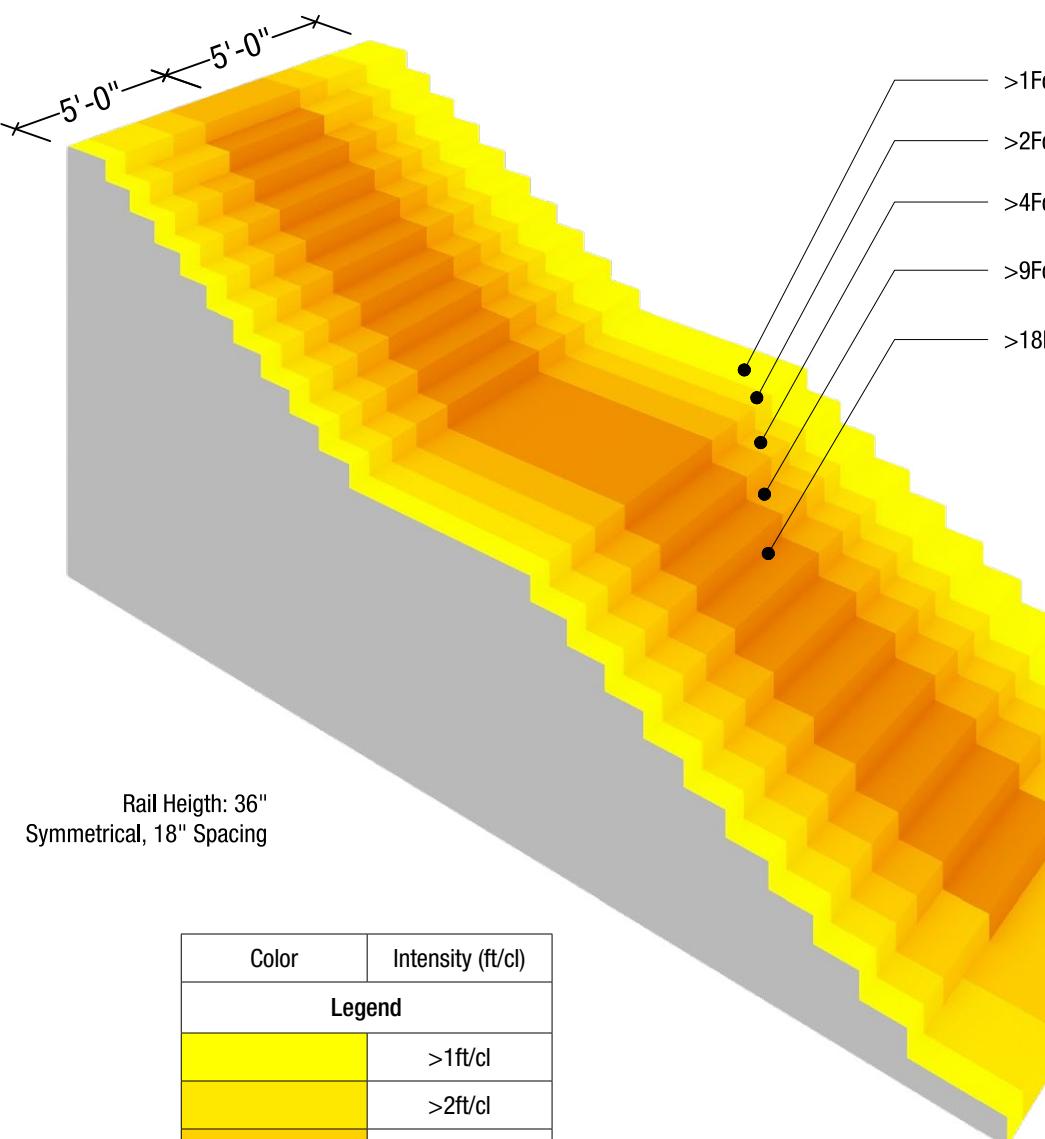
iRAIL POD SPACING OPTIONS



DISPERSION DIAGRAM - 18" SPACING

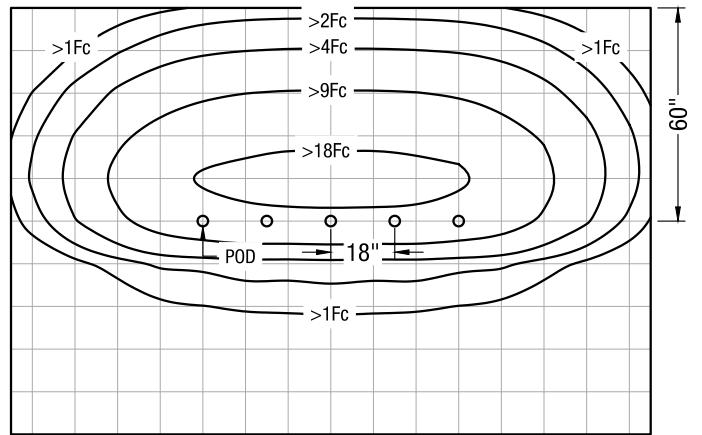


POD RAILING = 36" HEIGHT SYMMETRICAL

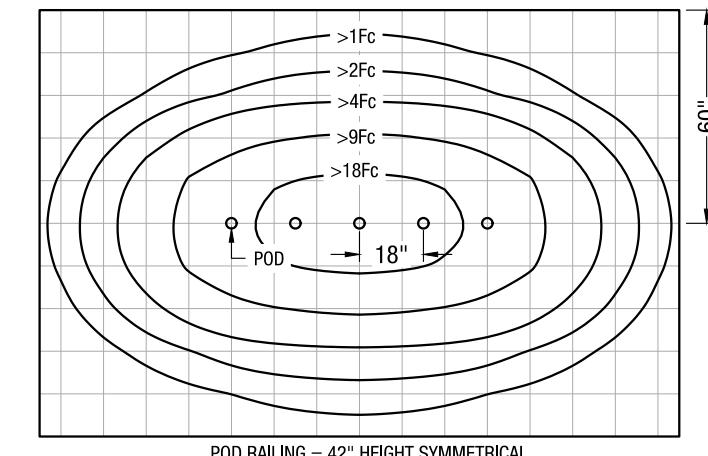


Rail Height: 36"
Symmetrical, 18" Spacing

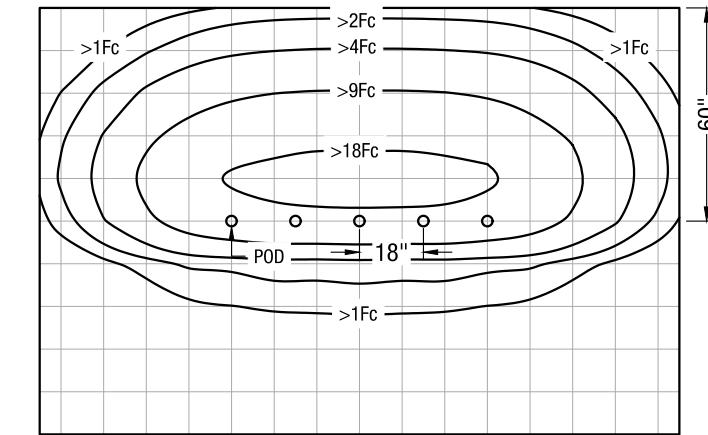
| Color | Intensity (ft/cl) |
|----------------|-------------------|
| Legend | |
| Yellow | >1ft/cl |
| Yellow-Orange | >2ft/cl |
| Orange | >4ft/cl |
| Orange-Red | >9ft/cl |
| Red | >18ft/cl |
| Dark Red | >32ft/cl |
| Dark Red-Black | >45ft/cl |
| Black | >75ft/cl |



POD RAILING = 36" HEIGHT ASYMMETRICAL



POD RAILING = 42" HEIGHT SYMMETRICAL



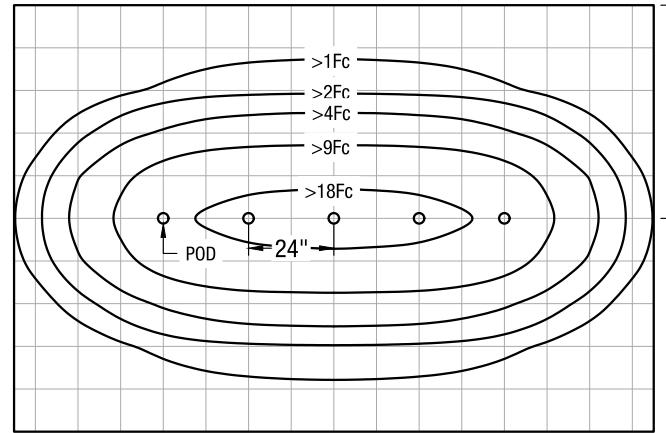
POD RAILING = 36" HEIGHT ASYMMETRICAL

ALL VALUES IN FOOT-CANDLE (FC)

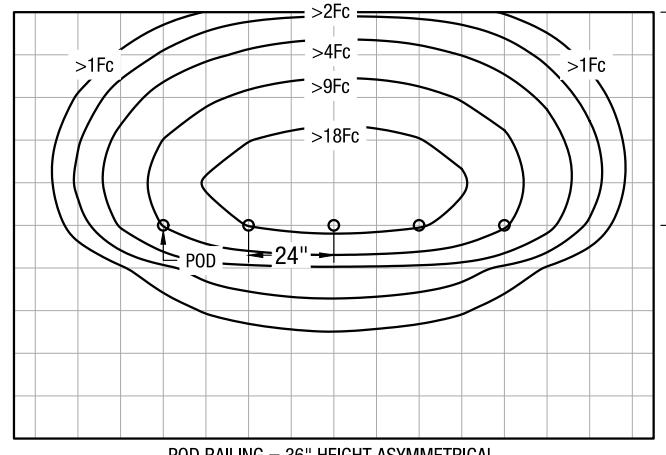
VIVA RAILINGS IS NOT RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF ANY BUILDING SYSTEMS OR OTHER MATERIALS NOT FURNISHED BY VIVA RAILINGS. VIVA RAILINGS HAS NO WAY OF KNOWING AND SPECIFICALLY DISCLAIMS WHETHER OR NOT THE BUILDING SYSTEMS TO WHICH VIVA RAILINGS' PRODUCTS ARE TO BE ATTACHED ARE STRUCTURALLY SOUND OR DESIGNED TO PROPERLY SUPPORT VIVA RAILINGS'S MATERIALS. ANY SUCH DESIGN RESPONSIBILITY BELONGS TO OTHERS FOR WHOM VIVA RAILINGS IS NOT RESPONSIBLE. THESE DRAWINGS ARE INTENDED FOR THE SOLE USE OF VIVA RAILINGS' CUSTOMER AND THEIR AGENTS FOR THE INSTALLATION OF PRODUCTS FURNISHED BY VIVA RAILINGS. VIVA RAILINGS REMAINS THE SOLE OWNER OF ALL DESIGNS AND INTELLECTUAL PROPERTY CONTAINED WITHIN. REPRODUCTION AND USE OF THESE DESIGNS FOR ANY OTHER PURPOSE IS FORBIDDEN. SCALES ARE PROVIDED FOR REFERENCE ONLY. FOR PRODUCT INFORMATION AND TECHNICAL SUPPORT, PLEASE CONTACT VIVA RAILINGS.



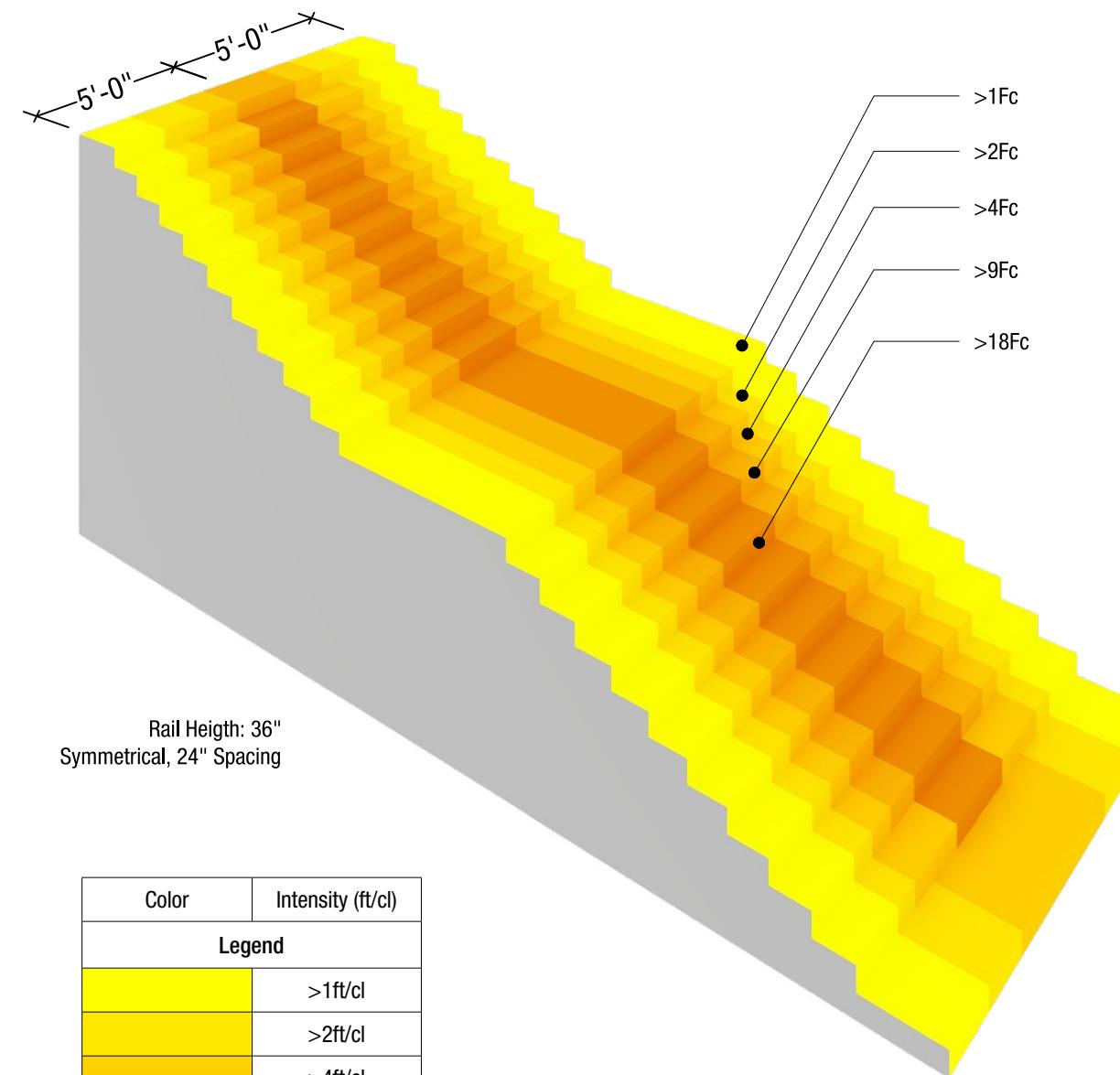
DISPERSION DIAGRAM - 24" SPACING



POD RAILING = 36" HEIGHT SYMMETRICAL

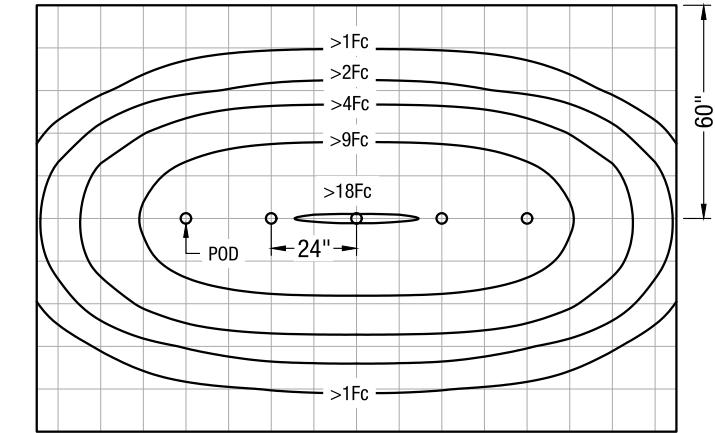


POD RAILING = 36" HEIGHT ASYMMETRICAL

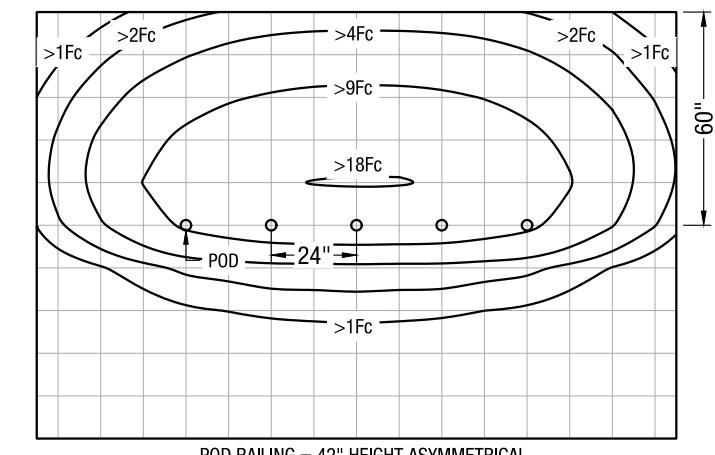


Rail Height: 36"
Symmetrical, 24" Spacing

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



POD RAILING = 42" HEIGHT SYMMETRICAL



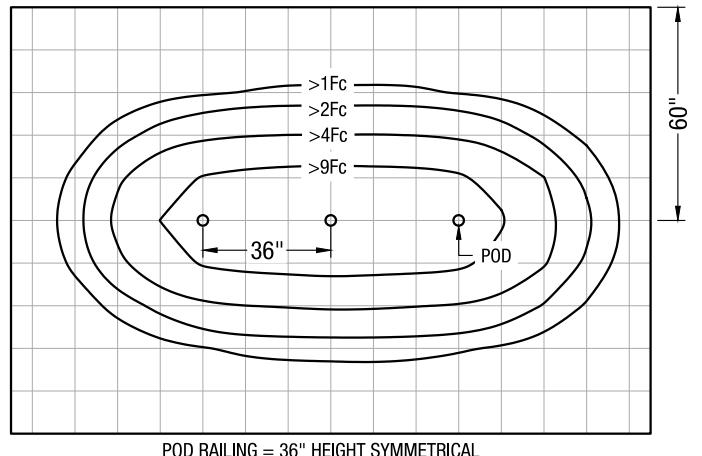
POD RAILING = 42" HEIGHT ASYMMETRICAL

ALL VALUES IN FOOT-CANDLE (FC)

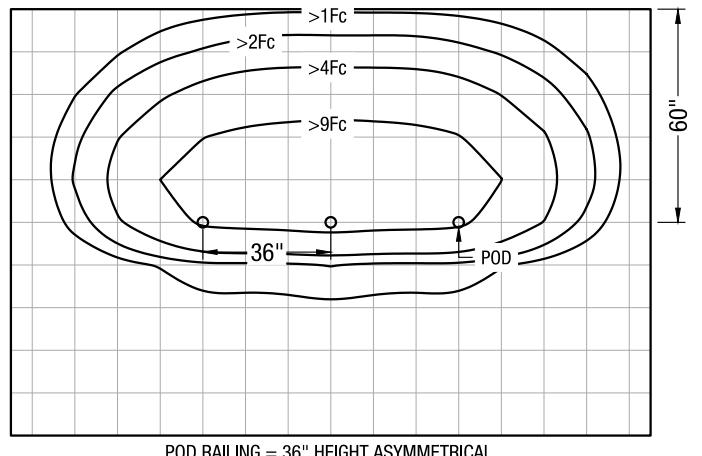
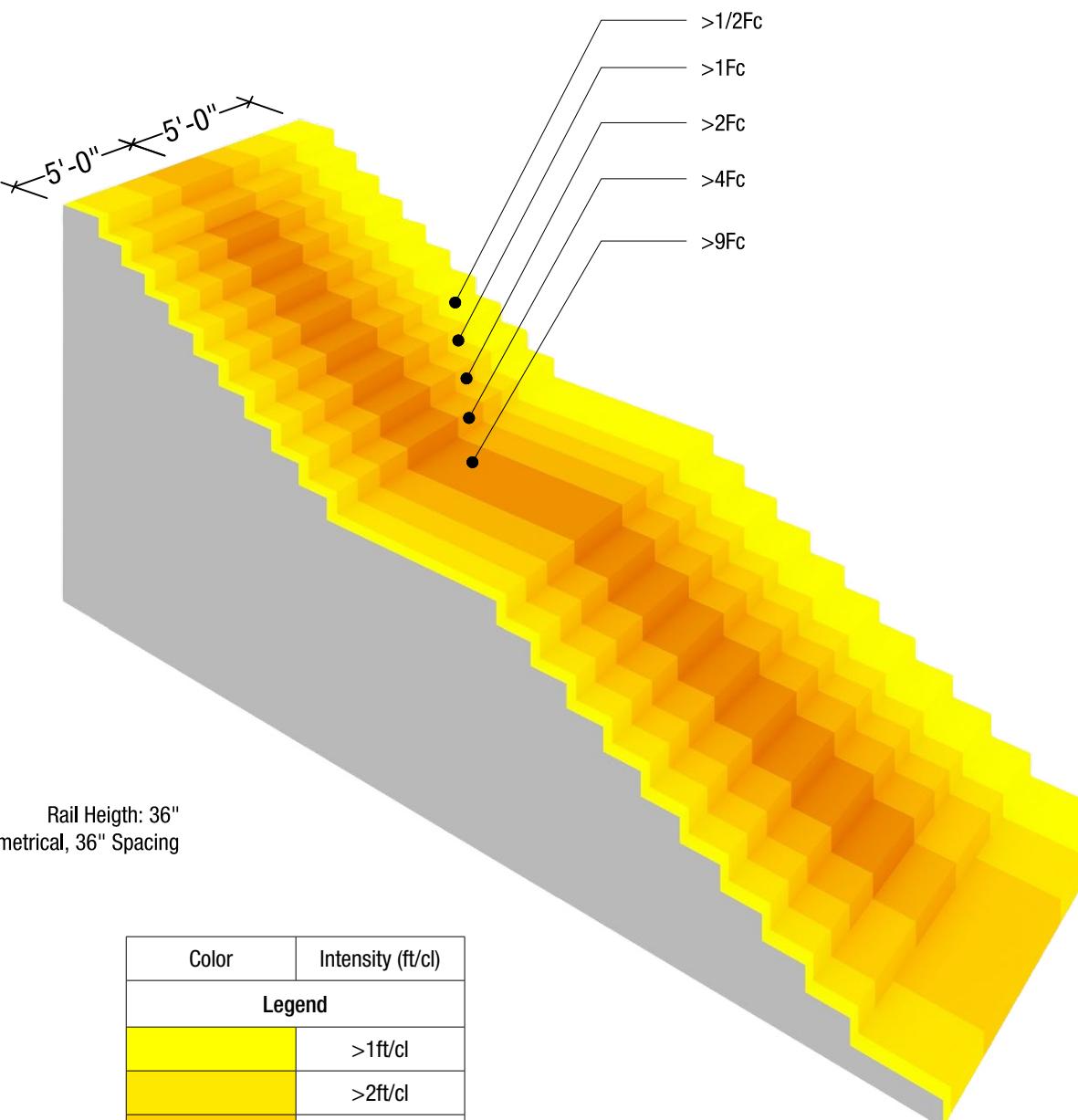
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DISPERSION DIAGRAM - 36" SPACING



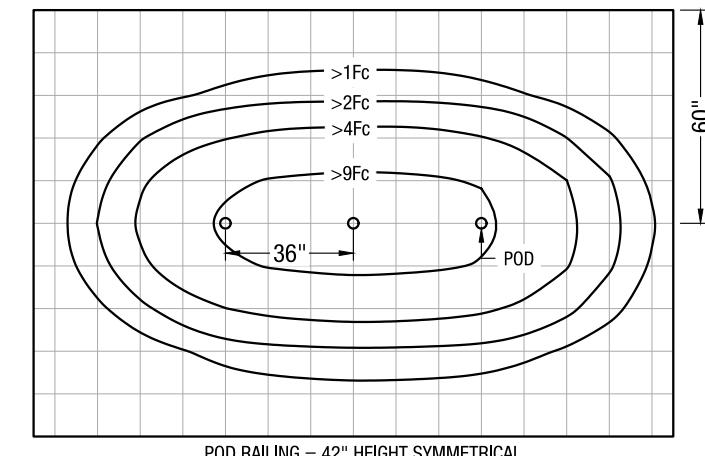
POD RAILING = 36" HEIGHT SYMMETRICAL



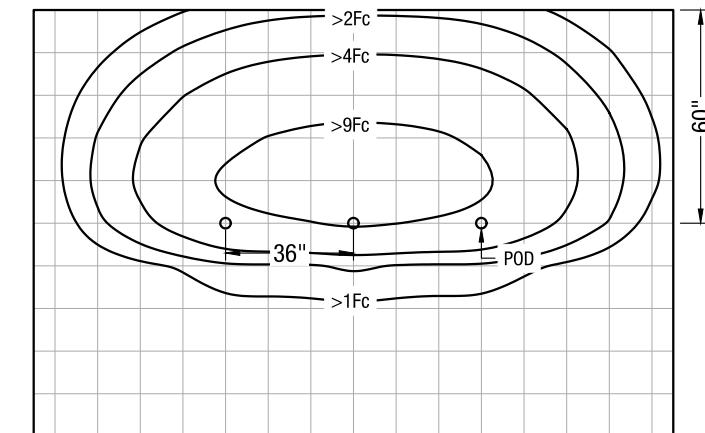
POD RAILING = 36" HEIGHT ASYMMETRICAL

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

Rail Height: 36"
Symmetrical, 36" Spacing



POD RAILING = 42" HEIGHT SYMMETRICAL



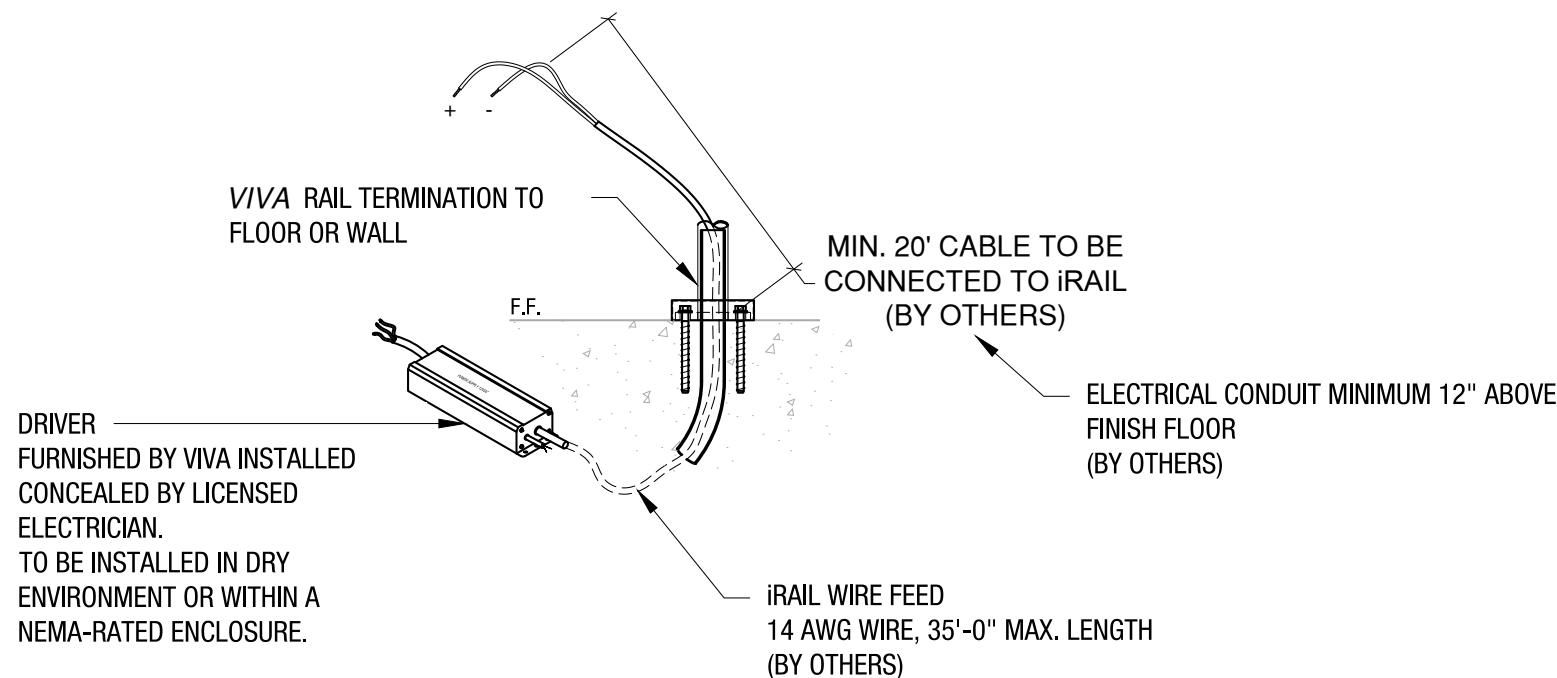
POD RAILING = 42" HEIGHT ASYMMETRICAL

ALL VALUES IN FOOT-CANDLE (FC)

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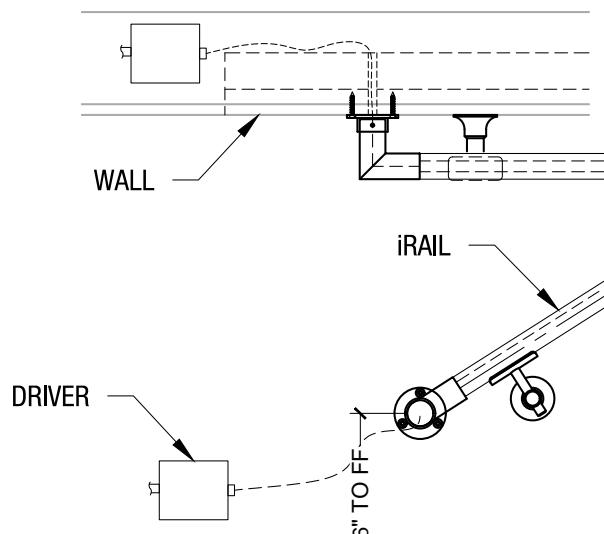


WIRE FEED OPTION

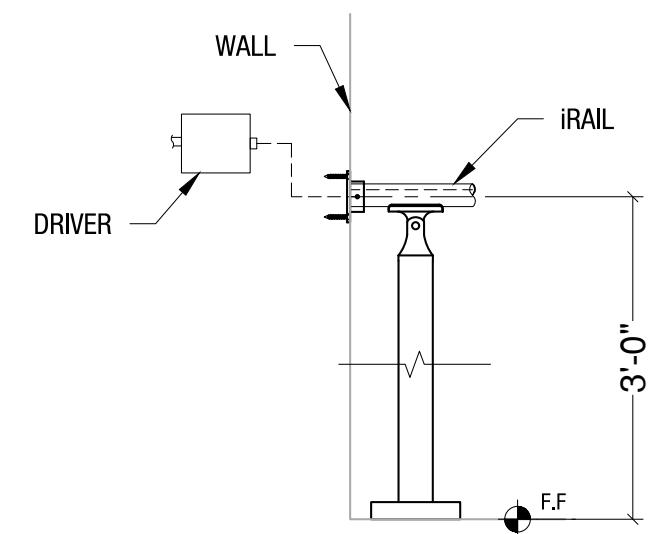


PROVIDE ONE PAIR OF WIRES 14 GA (BLACK-RED) FOR EVERY iRAIL RUN:

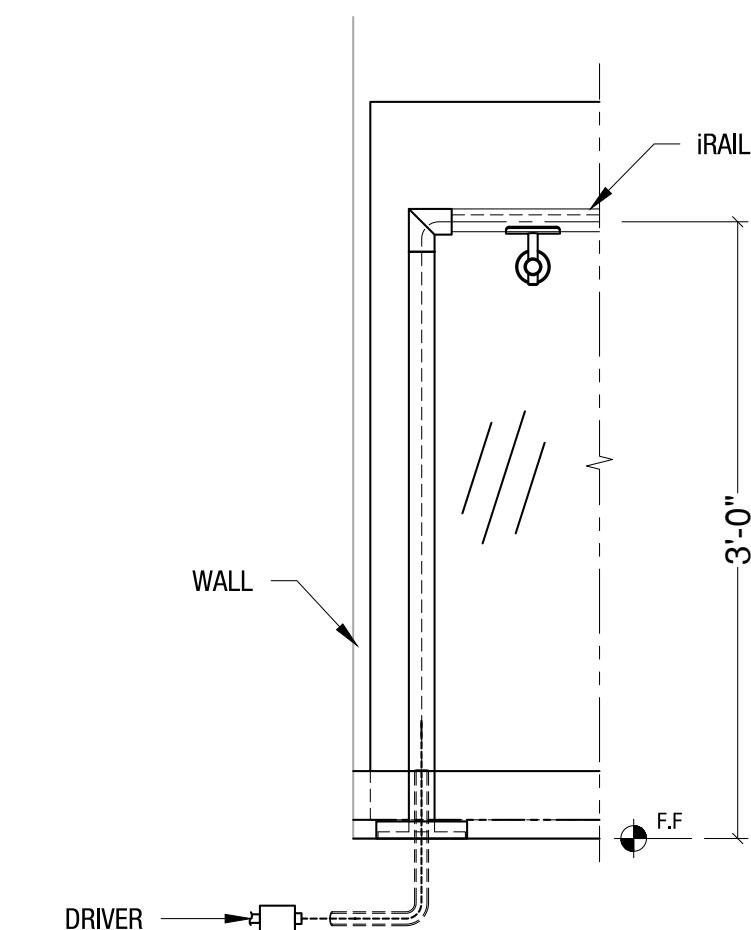
- EACH DRIVER FEED SUPPORTS UP TO 70'-0" OR 30 PODS MAX.



Illuminated WallRail
Detail# IR-W01



Illuminated FSR
Detail# IR-W02



Illuminated Shoe Handrail
Detail# IR-W03

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

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ORDER CODE

IR-POD 1.5 304 30K-0°

Orientation, Symmetric 0°
Asymmetric 22°

Light color: Warm White 3000k 30K
Cool White 4000k 40K

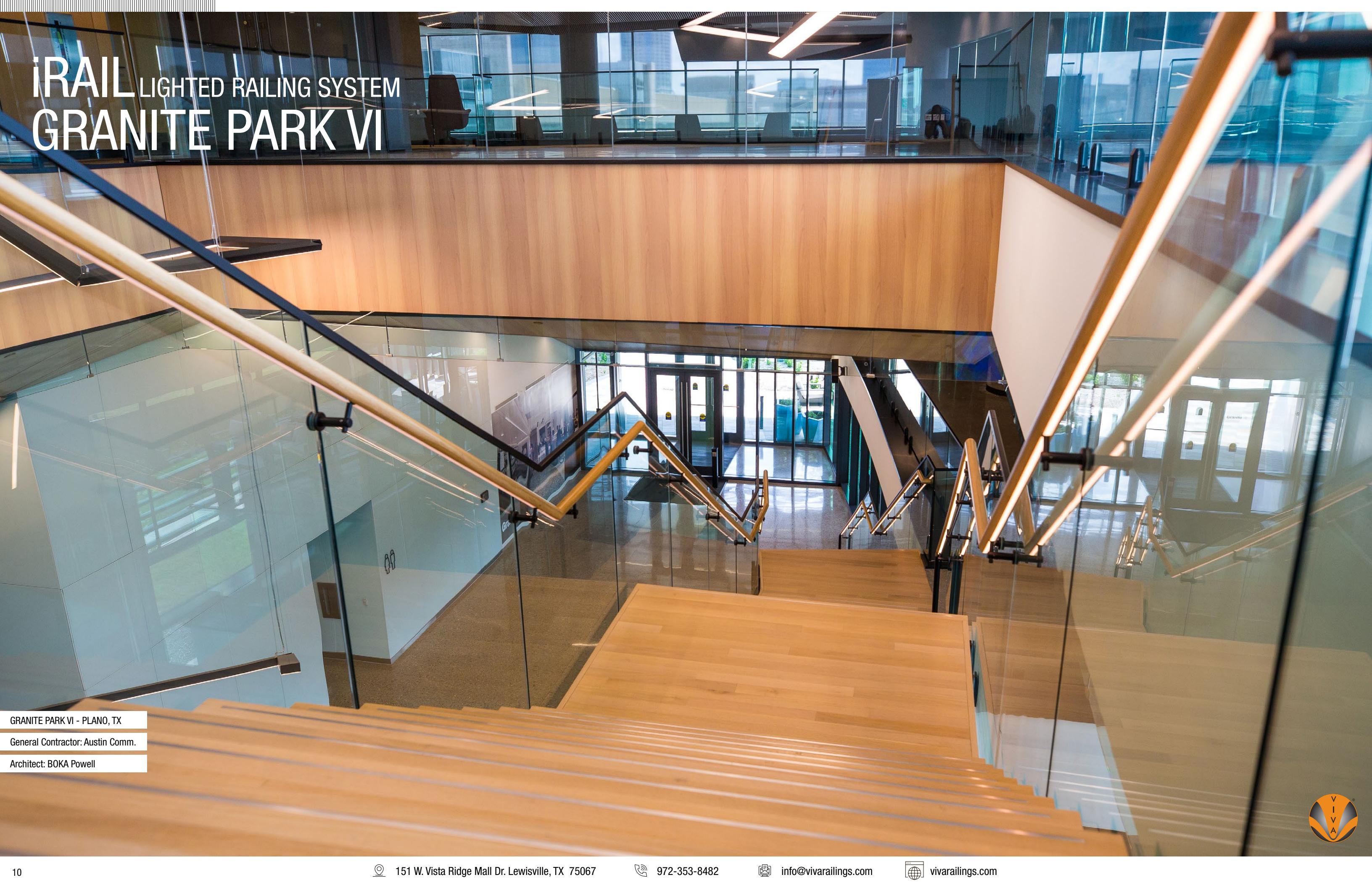
Available Composition: Stainless Steel 304 304
Stainless Steel 316 316

Available Applications: Ø1-1/2" Tube 1.5
Ø2" Tube 2

iRAIL POD POD



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



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LEADERS IN ARCHITECTURAL RAILING SYSTEMS

DESIGN + ENGINEER + FABRICATE + INSTALL

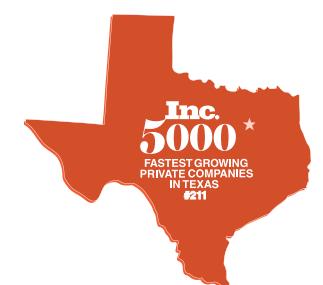
151 W. Vista Ridge Mall Dr. Lewisville, TX 75067

(Dallas/Fort Worth Metroplex)

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Eight Years in a Row
2012-2019



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Texas Companies
#211



ICC-ES 4405 Certified
SHOE™
Structural Glass Railing System



LEED
Material & Resources Credits 4.1 and 4.2



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