



RESOLUTION
LIGHTING Inc.
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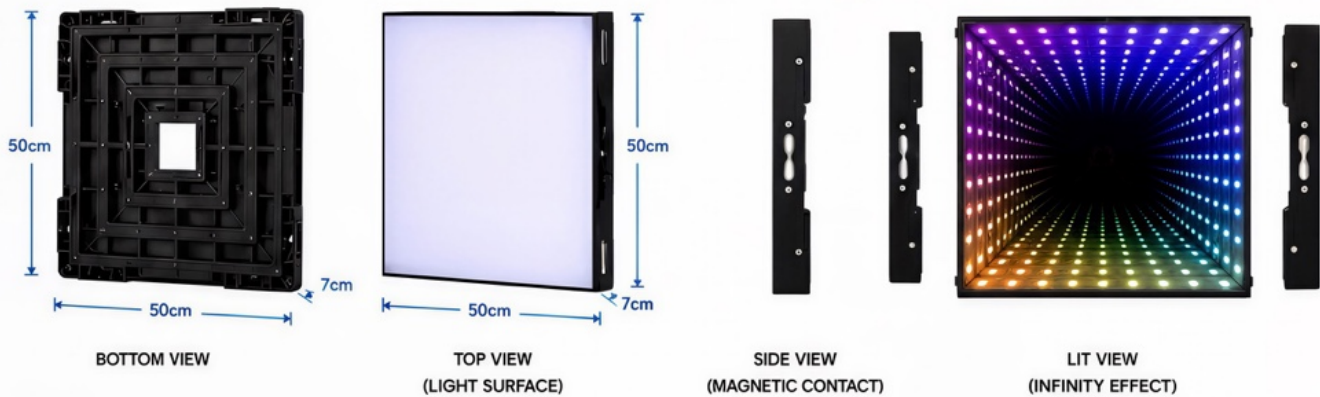
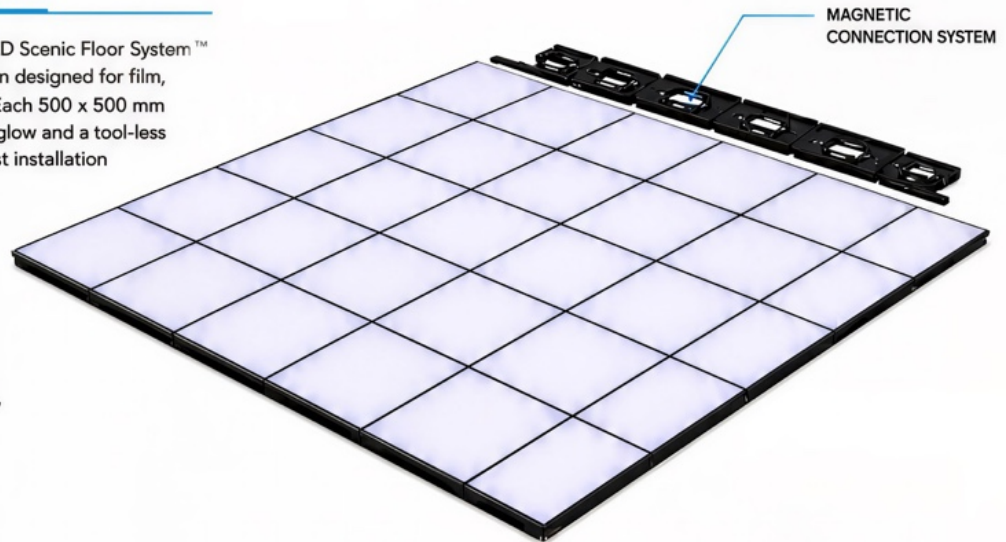
MODULAR LED SCENIC FLOOR SYSTEM™

FILM • TELEVISION • THEATRE • LIVE EVENTS

PRODUCT DESCRIPTION

The Resolution Lighting Modular LED Scenic Floor System™ is a professional-grade floor solution designed for film, television, theatre and live events. Each 500 x 500 mm module features a smooth, frosted glow and a tool-less magnetic connection system for fast installation and a seamless finish.

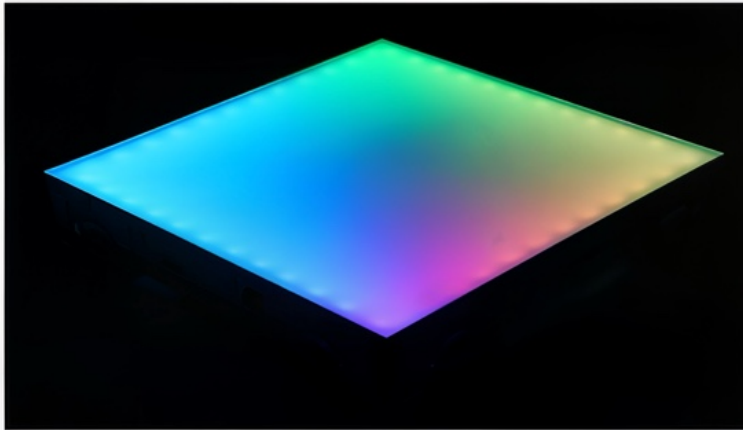
- ✓ Magnetic quick-lock system for rapid install and removal
- ✓ Smooth, frosted static glow (no pixels)
- ✓ Serviceable design – no adhesives, replaceable components



SPECIFICATIONS

	PANEL SIZE	50 x 50 x 7 cm		CONNECTION	Magnetic quick-lock system (tool-less)
	TOP SURFACE	10 mm Tempered Glass (Frosted)		POWER/DATA	Recessed quick-connect (in & out)
	FRAME MATERIAL	ABS (Acrylonitrile Butadiene Styrene)		SERVICEABILITY	Fully serviceable design No adhesives
	PANEL WEIGHT	8.5 kg		FINISH	Black ABS frame with frosted glass top
	POWER	24V DC (External)		WARRANTY	2 Year Limited Warranty
	LOAD RATING	Approx. 500 – 600 kg distributed load per panel*		CERTIFICATION	Canadian engineering certification in progress

*Load rating is an estimate based on engineering analysis.
Final rating will be confirmed through Canadian structural certification prior to deployment.



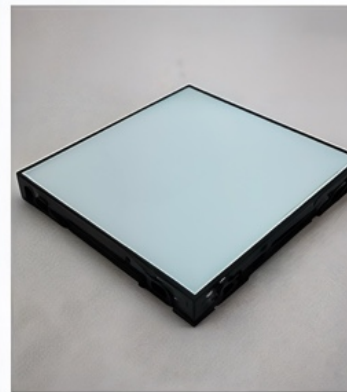
The Resolution Lighting Modular LED Scenic Floor System is a professional-grade illuminated floor tile designed for film, television, theatre, and live events. Each 500 x 500 mm module features a frosted 10 mm tempered glass top, an internal diffused acrylic light layer, lightweight ABS housing, and a magnetic quick-lock side connection system for fast installation and reconfiguration. The modular design also supports easy serviceability and repeat use across changing scenic layouts.

KEY FEATURES

- ✓ 500 x 500 mm modular illuminated floor tile
- ✓ 10 mm frosted tempered glass light surface
- ✓ Lightweight ABS housing, approx. 8.5 kg per panel
- ✓ Magnetic quick-lock side connection for rapid assembly/disassembly
- ✓ Recessed power/data quick-connect
- ✓ Serviceable modular construction with replaceable components
- ✓ Smooth frosted glow surface for scenic applications



ACTUAL PANEL



TOP SURFACE



MODULAR CONSTRUCTION
& MAGNETIC CONNECTION

SPECIFICATIONS

Product	Modular LED Scenic Floor Tile
Panel Size	500 x 500 mm
Module Height	approx. 2.75 in. (69.9 mm)
Top Surface	10 mm Tempered Glass (Frosted)
Light-Diffusing Layer	Diffused Acrylic
Frame Material	ABS (Acrylonitrile Butadiene Styrene)
Panel Weight	8.5 kg
Power	24V DC (External)
Connection	Magnetic quick-lock side connection
Power/Data	Recessed quick-connect (in & out)
Serviceability	Fully serviceable design
Finish	Black ABS frame with frosted glass top
Load Rating	Manufacturer-stated approx. 500–600 kg distributed load per panel
Applications	Film, Television, Theatre, Live Events

SYSTEM NOTES

	Tool-less magnetic alignment and connection
	Designed for repeated assembly and disassembly
	Suitable for reconfigurable scenic layouts
	Replaceable modular components

ENGINEERING NOTE



Manufacturer-stated load capacity is subject to Canadian structural engineering review for the intended installation. Preliminary engineering review timing is typically 3–4 business days once final drawings and specifications are submitted.



MODULAR LED SCENIC FLOOR SYSTEM™

Special Features / Additional Product Information

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The Modular LED Scenic Floor System™ is a lightweight, high-performance illuminated floor tile engineered for film, television, theatre, and live events. Built for speed, durability, and reliability on stage.



10 mm Tempered Glass Surface



Frosted glass top provides a smooth illuminated surface for scenic applications.

Fast Magnetic Connection



Quick and stable magnetic side connection allows rapid setup, alignment, and reconfiguration.

Anti-Slip Design



Integrated anti-slip details help improve grip and stability during use.

Anti-Water Design



Protected connection areas help improve resistance to incidental moisture exposure.

Corner Protection



Reinforced corner detailing helps protect the tile during transport, handling, and repeated setup.

Serviceable Modular Construction



Replaceable internal components support easier maintenance and long-term use.

MODULAR CONSTRUCTION

10 mm Tempered Glass



Superior LED Source



ABS Plastic Case



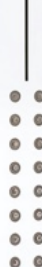
Advanced Mainboard



Mainboard Cover



18 Stable Magnets



500 x 500 mm module



Approx. 2.75 in profile



Approx. 8.5 kg per panel



24V DC (External)



Magnetic quick-lock side connection



Manufacturer-stated load capacity:
500–600 kg distributed load per panel



Engineering Note:

Manufacturer-stated load capacity is subject to Canadian structural engineering review for the intended installation.



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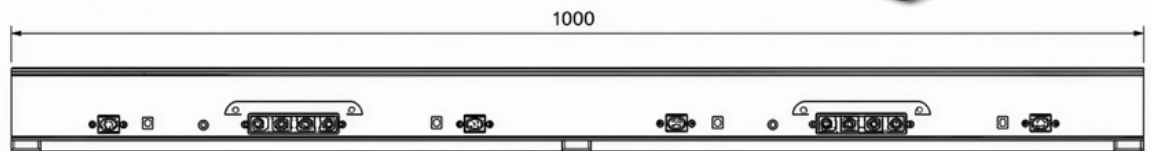
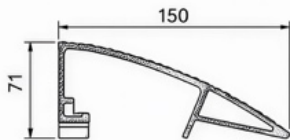
MODULAR LED SCENIC FLOOR SYSTEM™ MAGNETIC EDGE RAMP (1 METER)

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PRODUCT DESCRIPTION

The Magnetic Edge Ramp provides a safe and seamless transition to the Modular LED Scenic Floor System™. Designed for secure magnetic connection and a clean, professional finish.

- ✓ Secure magnetic quick-lock connection for fast installation
- ✓ Durable cast iron construction for maximum strength and stability
- ✓ Low-profile ramp design for smooth transitions



SPECIFICATIONS

LENGTH	1000 mm
WIDTH	150 mm
HEIGHT	71 mm
MATERIAL	Cast Iron
FINISH	Black Powder Coated
CONNECTION	Magnetic Quick-Lock System (Tool-less)
WEIGHT	8.4 kg



MAGNETIC QUICK-LOCK SYSTEM

Engineered magnetic connectors allow for fast installation, secure alignment, and a seamless finish with every panel.