When light becomes architecture

Loom reimagines the ceiling as an architectural composition of light.

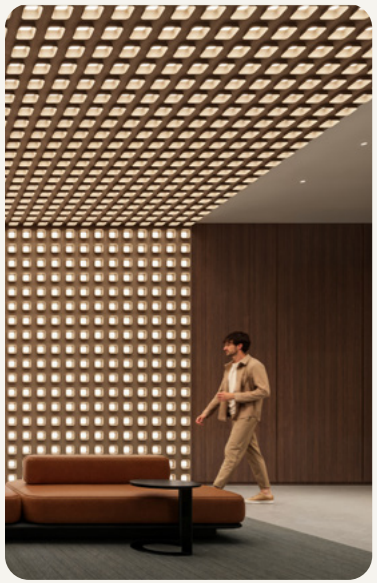
With luminous cells in three sizes — 5", 7", and 11"—along with multiple layouts, finishes, mounting options, and acoustic integration, the system offers extensive design flexibility.



LOOM ONLINE

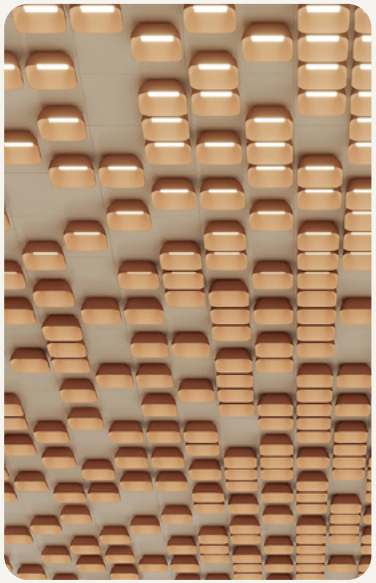
5 YEAR WARRANTY
5
5 YEAR WARRANTY

How to Specify Loom



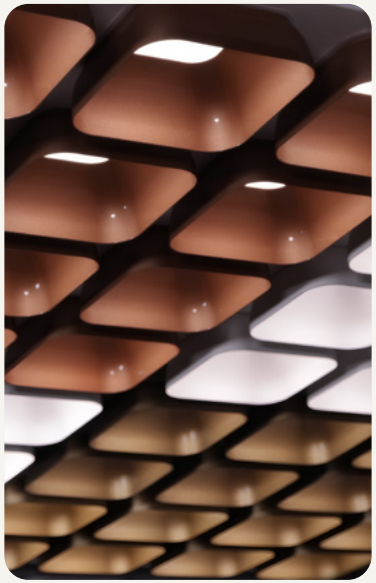
LAYOUT & MOUNTING

Define the layout dimensions and shape, then select the mounting type.



LUMINOUS CELL SIZE & PATTERN

Choose 5", 7", or 11" cells in a Fill, Spread, or custom pattern.



FINISHES

Select cell and panel finishes, with optional acoustic felt for enhanced acoustic performance.



OPTIC & LIGHT

Select from High-Efficiency Lambertian Optic (HLO), Micro-Prismatic Optic (MPO), or Domed Deglare Optic (DDO), and choose your light source.



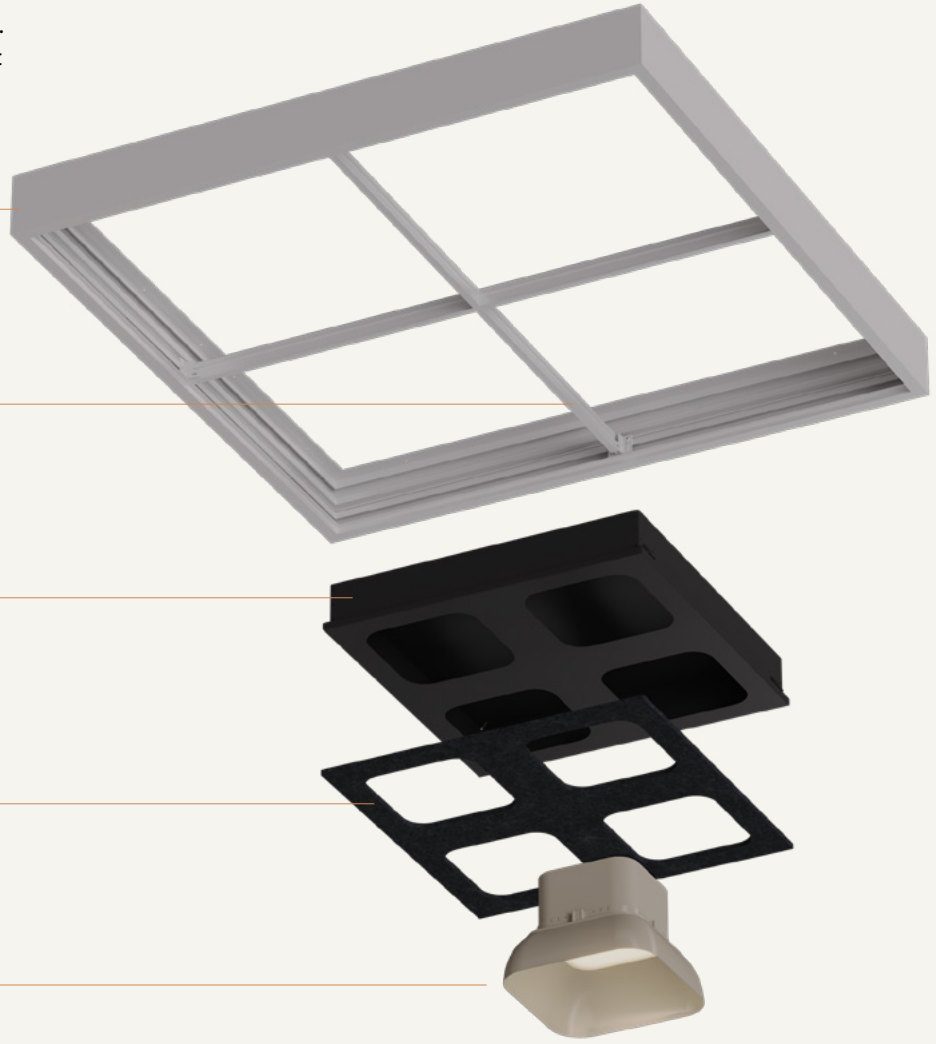
BUILDING SYSTEM INTEGRATION

Indicate whether building system integration is required for your Loom layout.

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Loom Overview

Loom Panels install from below into a standard 9/16-inch T-grid supplied by others. For direct-mount and suspended installations, the Loom Frame encloses the layout and provides a finished perimeter.



LOOM FRAME

Defines and encloses the layout perimeter when required by the mounting condition.

9/16-INCH T-GRID

Required for Loom panel installation.
Supplied by others.

LOOM PANEL

The modular housing unit of the Loom system, with luminous cells factory-installed in each panel.

ACOUSTIC FELT — OPTIONAL

Applied to the panel face to enhance acoustic performance of the space.

LUMINOUS CELL

The repeating luminous element of Loom, combining architectural form, finish, optic, and light source.

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Specification Guide

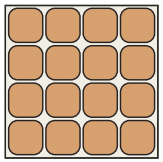
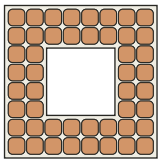
A drawing of the proposed layout is required, ranging from a simple line drawing to a detailed architectural drawing.

PROJECT: _____

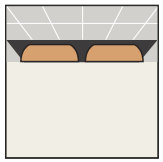
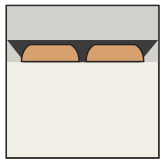
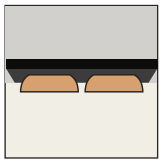
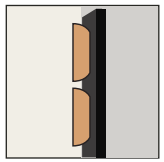
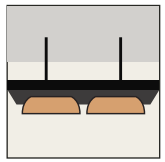
TYPE: _____

1 - LAYOUT AND MOUNTING

LAYOUT DIMENSIONS

STANDARD	NON-STANDARD
#FT#INX#FT#IN - Standard shapes For square or rectangular layouts, enter the overall nominal length and width.	**OTH** - Non-standard shapes Use code **OTH** and provide a basic drawing or concept sketch showing key dimensions for all non-standard shapes.
	

MOUNTING TYPE

RECESSED GRID	RECESSED DRYWALL	DIRECT MOUNT	DIRECT MOUNT WALL	SUSPENDED
R9[1] - Recessed in 9/16" grid	**RDW**[2] - Recessed in drywall Ceiling	**DMS**[3] - Direct mount to Surface	**DMW**[4] - Direct mount to Wall	**SP+#FT#IN**[3,5] - Suspended Indicate suspension length in code to ensure sufficient safety cable/harness lengths.
				

[1] Requires 9/16" T-bars provided by others.
[2] Requires 9/16" T-bars provided by others. Consult factory for transition molding.
[3] Requires 9/16" T-bars provided by others. Includes Loom Frame to enclose grid.
[4] Consult factory if Loom Frame is required.
[5] Requires 1/4-20 suspension hardware/threaded rods by others.

ORDER CODE

LUMINAIRE ID	PRODUCT SPECIFICATION													LOOM KEY #
LOOM –		-		-		-		-		-		-		-
	LAYOUT DIMENSIONS	MOUNTING TYPE	CELL SIZE	CELL PATTERN	CELL FINISHES	PANEL FINISHES	OPTIC	LIGHT SOURCE	WATTAGE	COLOR TEMPERATURE	VOLTAGE	DIMMING/CONTROLS	BSI	INTERNAL USE

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Specification Guide

A drawing of the proposed layout is required, ranging from a simple line drawing to a detailed architectural drawing.

PROJECT: _____

TYPE: _____

2 - LUMINOUS CELL SIZE & PATTERN

CELL SIZE

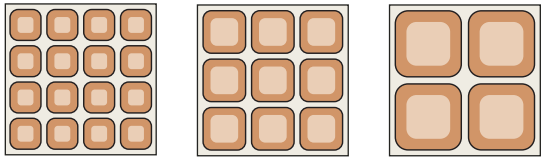
5IN - 5"
7IN - 7"
11IN - 11"

MCS - Multiple

To design multiple cell sizes on one Loom layout, use the **MCS** code and provide further details to the Loom team

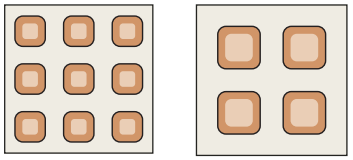
CELL PATTERN [6]

FLL - Fill



5IN-FLL | 7IN-FLL | 11IN-FLL

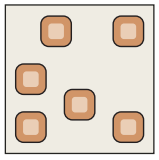
SPR - Spread[7]



5IN-SPR | 7IN-SPR

CU - Custom Cell Pattern

For a custom cell pattern, use the **CU** code and provide further details to the Loom team.



CU

[6] Standard cell patterns with different cell sizes are shown above on a representative 2'x2' panel.
[7] Spread Pattern is N/A with 11IN

ORDER CODE

LUMINAIRE ID	PRODUCT SPECIFICATION														LOOM KEY #
LOOM –	LAYOUT DIMENSIONS	- MOUNTING TYPE	- CELL SIZE	- CELL PATTERN	- CELL FINISHES	- PANEL FINISHES	- OPTIC	- LIGHT SOURCE	- WATTAGE	- COLOR TEMPERATURE	- VOLTAGE	- DIMMING/CONTROLS	- BSI		- INTERNAL USE

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Specification Guide

A drawing of the proposed layout is required, ranging from a simple line drawing to a detailed architectural drawing.

PROJECT: _____

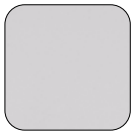
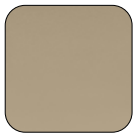
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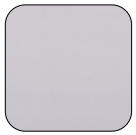
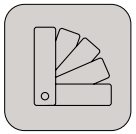
3 - FINISHES

CELL FINISHES

More details on finishes on page 9

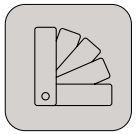
SATIN SOLID

WHI - White	**GNM** - Gunmetal[8]	**OA** - Oat[8]	**GOL** - Gold[8]	**PSLV** - Platinum Silver[8]
				

HIGH GLOSS SOLID	TRANSLUCENT	WOOD		CUSTOM
COP - Copper[8]	**OPL** - Opal	**CHE** - Cherry[8]	**BIR** - Birch[8]	**CF#** - Custom finish, specify RAL#
				

PANEL FINISHES

When a Loom Frame is required, frame finish will match panel finish.

FTMW - Matte White	**FTMB** - Matte Black	**CF#** - Custom finish, specify RAL#
		

ACOUSTIC FELT OPTION

+FWN - Frost White	**+FON** - Fog	**+ION** - Iron	**+CDN** - Cloudy[8]	**+CLN** - Charcoal[8]
				

[8] Premium Finish

ORDER CODE

LUMINAIRE ID	PRODUCT SPECIFICATION													LOOM KEY #
LOOM –	LAYOUT DIMENSIONS	- MOUNTING TYPE	- CELL SIZE	- CELL PATTERN	- CELL FINISHES	- PANEL FINISHES	- OPTIC	- LIGHT SOURCE	- WATTAGE	- COLOR TEMPERATURE	- VOLTAGE	- DIMMING/CONTROLS	- BSI	- INTERNAL USE

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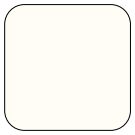
Specification Guide

A drawing of the proposed layout is required, ranging from a simple line drawing to a detailed architectural drawing.

PROJECT: _____

TYPE: _____

4 - OPTIC AND LIGHT

OPTIC
HLO - High-Efficiency Lambertian Optic 
MPO - Micro-Prismatic Optic 
DDO - Domed Deglare Optic [9] 

LIGHT				
LIGHT SOURCE	**WATTAGE PER SQ/FT**	**COLOR TEMPERATURE**	**VOLTAGE**	**DIMMING/CONTROLS**
SW - Static White Efficacy values for static white outputs are as follows: 81 lm/W (**5IN**) 84 lm/W (**7IN**) 96 lm/W (**11IN**)	**1W** **3W** **5W** **8W** **11W** **#W** - Custom between 1W and 11W	**18K** - 1800K **22K** - 2200K **27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K **65K** - 6500K	**120V** - 120V **UNV** - 120-277V **277V** - 277V	**D1** - 1% 0-10V **DA** - DALI
SOLA[10] - Dim-to-warm single channel control	**2.5W** **5W** **8W** **#W** - Custom, between 2.5W and 8W	**35K22K** - 3500K to 2200K **##K###K** - Specify High and low CCT values from static white range above	**120V** - 120V **UNV** - 120-277V **277V** - 277V	**SD1** - Single 0-10V input
DUO[10] - Tunable white 2-channel control	**2.5W** **5W** **8W** **10W** **#W** - Custom, between 2.5W and 10W	**65K27K** - 6500K to 2700K **50K27K** - 5000K to 2700K **##K###K** - Specify High and low CCT values from static white range above	**120V** - 120V **UNV** - 120-277V **277V** - 277V	**DD1** - Dual 0-10V input for CCT/intensity **DA** - DALI
CELLRGBWW[10] - Full color control at the individual cell level, with two selectable white channels	Consult Loom team			**DMXRDM** - DMX with Remote Device Management (RDM)

[9] Not available with 11IN cell

[10] Efficacy values are reduced for SOLA, DUO and CELLRGBWW. Consult the Loom team for more details

ORDER CODE

LUMINAIRE ID	PRODUCT SPECIFICATION													LOOM KEY #
LOOM –	LAYOUT DIMENSIONS	MOUNTING TYPE	CELL SIZE	CELL PATTERN	CELL FINISHES	PANEL FINISHES	OPTIC	LIGHT SOURCE	WATTAGE	COLOR TEMPERATURE	VOLTAGE	DIMMING/CONTROLS	BSI	INTERNAL USE

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Specification Guide

A drawing of the proposed layout is required, ranging from a simple line drawing to a detailed architectural drawing.

PROJECT: _____

TYPE: _____

5 - DESIGN OPTIONS

BUILDING SYSTEM INTEGRATION

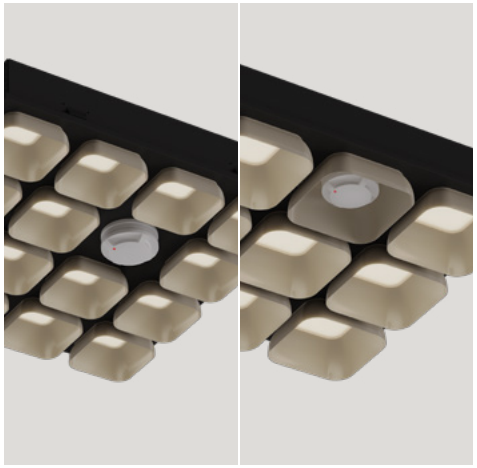
BSI - Building system integration required

Loom supports building-system components in multiple locations: within individual panels, in a dedicated channel between panels, or within a perimeter channel.

These configurations support the integration of HVAC components, sprinklers, speakers, cameras, sensors, and other ceiling services. Building-system requirements must be identified and coordinated with the Loom team.

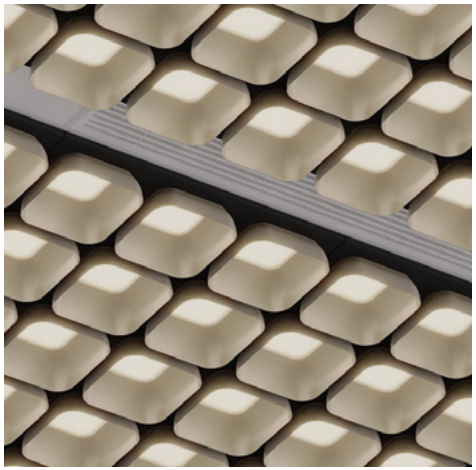
PANEL INTEGRATION

Directly through the panel or within a non-luminous Loom cell configured to house the component.



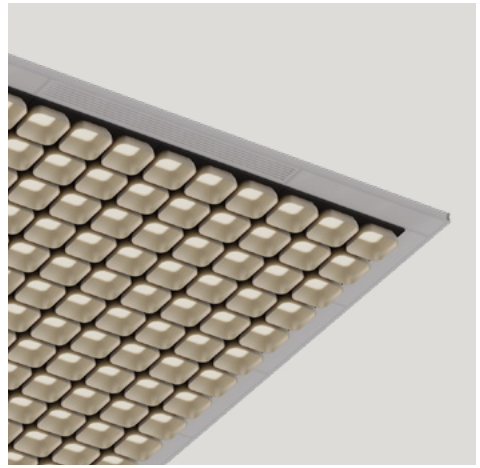
CHANNEL BETWEEN PANELS

A dedicated building-services channel located between Loom panels.



PERIMETER CHANNEL

A dedicated building-services channel located along the perimeter of the Loom layout.



ORDER CODE

LUMINAIRE ID	PRODUCT SPECIFICATION													LOOM KEY #
LOOM –	LAYOUT DIMENSIONS	- MOUNTING TYPE	- CELL SIZE	- CELL PATTERN	- CELL FINISHES	- PANEL FINISHES	- OPTIC	- LIGHT SOURCE	- WATTAGE	- COLOR TEMPERATURE	- VOLTAGE	- DIMMING/CONTROLS	- BSI	- INTERNAL USE

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Finishes

Loom offers a selection of satin, high-gloss, translucent, and wood grain finishes for its luminous cells, allowing the ceiling composition to complement the architectural palette.

CELL FINISHES[10]

SATIN SOLID

WHITE



GUNMETAL[11]



OAT[11]



GOLD[11]



PLATINUM SILVER[11]



HIGH GLOSS SOLID

COPPER[11]



WOOD

BIRCH[11]



CHERRY[11]



TRANSLUCENT

OPAL



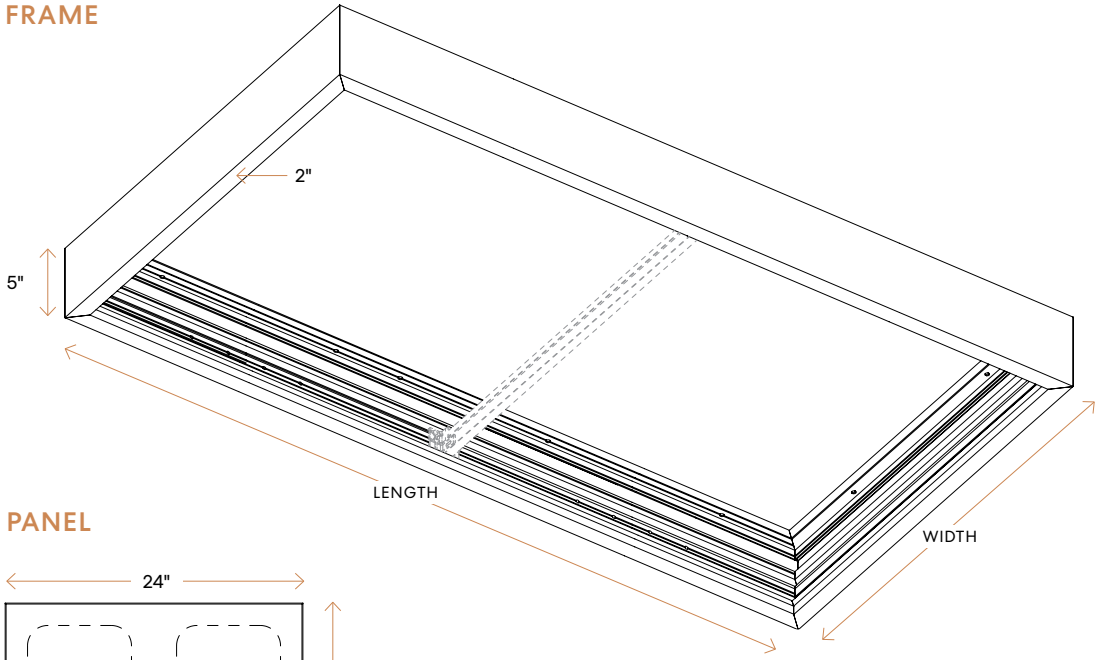
[10] Finishes are shown on 11IN cell, with Micro-Prismatic Optic.
[11] Premium Finishes

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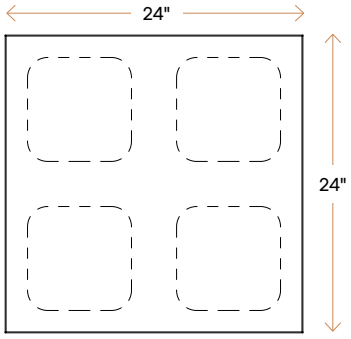
Dimensions

Loom is available with luminous cells in three sizes—5", 7", and 11"—factory-installed on modular panels, typically 24" × 24". A perimeter frame is available when required by the installation.

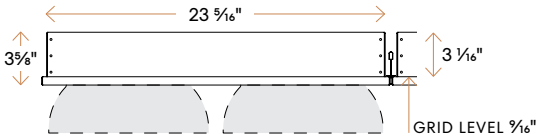
FRAME



PANEL



BOTTOM VIEW

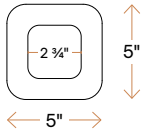


SIDE VIEW

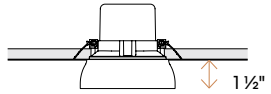
CELL

5 IN

BOTTOM VIEW

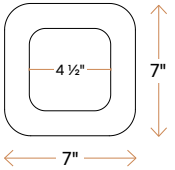


SIDE VIEW

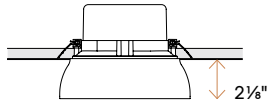


7 IN

BOTTOM VIEW

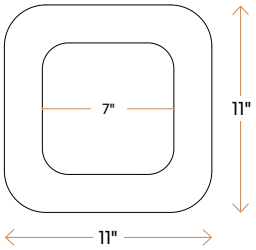


SIDE VIEW

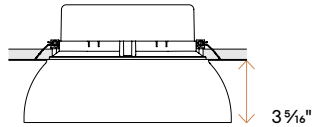


11 IN

BOTTOM VIEW



SIDE VIEW

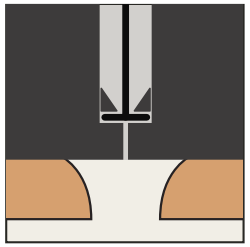


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Installation Conditions

REQUIRED GRID

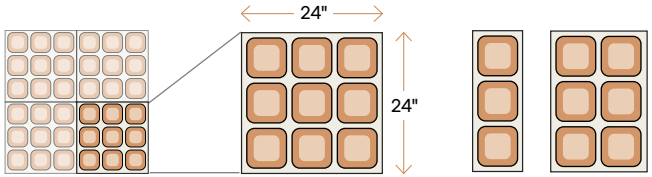
A standard 9/16-inch T-grid is required for Loom panel installation and is supplied by others.

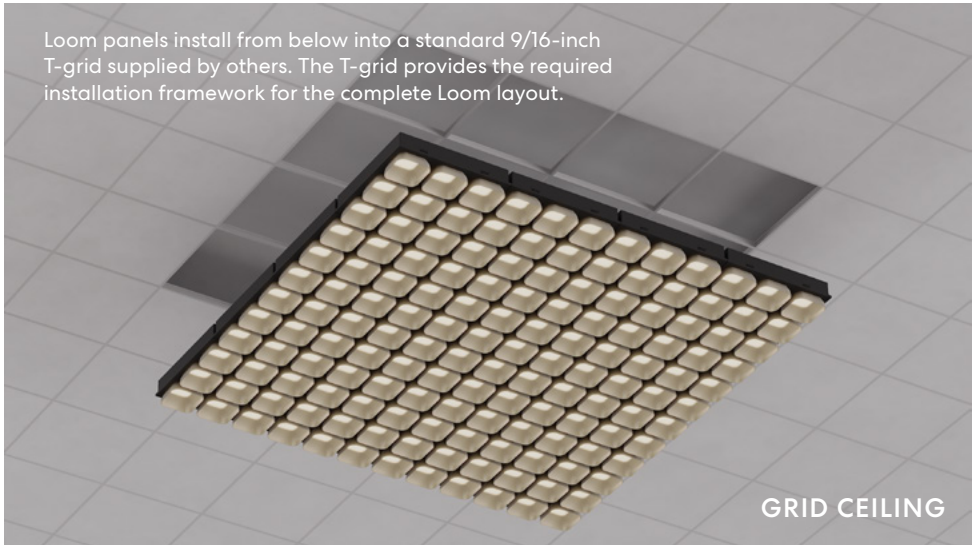


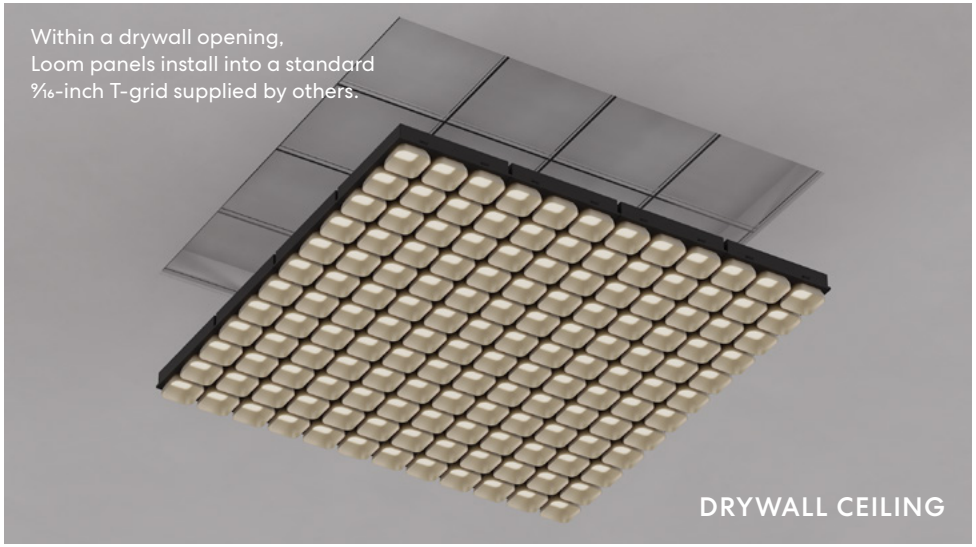
PANEL SIZING

Standard panel: 24 × 24 inches

Smaller panels are used as needed to complete the layout.







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Photometrics

Values calculated based on a 2' x 2' panel at 3500K and 90CRI for all optics.
Standard FIII and Spread patterns for a given cell size maintain the same lumen output by area.

STATIC WHITE - 3500K - 90CRI

	CELL SIZE		
	5IN	**7IN**	**11IN**
EFFICACY LM/W	81	84	96

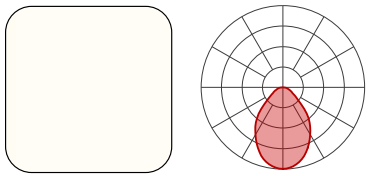
W/SQ FT	**LM/SQ FT**		
1	81	84	96
3	243	252	288
5	405	420	480
8	648	672	768
11	891	924	1056

MULTIPLIER TABLES

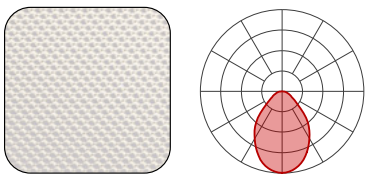
MULTIPLIER - CCT	CCT	LPW
	1800K	0.89
	2200K	0.93
	2700K	0.98
	3000K	1.00
	3500K	1.00
	4000K	1.03
	5000K	1.03
	6500K	1.01

OPTICS

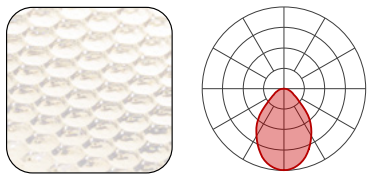
HLO - High-Efficiency Lambertian Optic



MPO - Micro-Prismatic Optic



DDO - Domed Deglare Optic



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