

WOODWORKS® Grille  
Tegular

*Custom Looks  
with Standard  
Products*



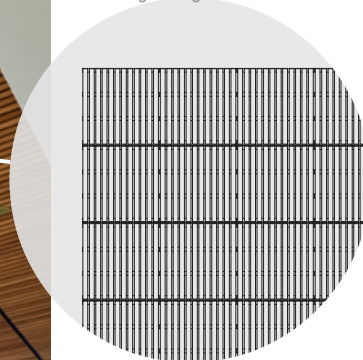
**TOTAL  
ACOUSTICS®**  
Sound Absorption (NRC)  
+ Sound Blocking (CAC)



**24/7  
DEFEND™**  
Solutions for Healthier,  
Safer Spaces

CONTAIN CLEAN PROTECT

CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



plus capabilities  
to do more






▲ WoodWorks® Grille Tegular in Light Cherry

[armstrongceilings.com/capabilities](http://armstrongceilings.com/capabilities)  
See more photos at:  
[armstrongceilings.com/photogallery](http://armstrongceilings.com/photogallery)

Now get Total Acoustics® performance with WoodWorks® Grille Tegular horizontal slats – excellent noise reduction and sound blocking in one system.

**KEY SELECTION ATTRIBUTES**

-  Integrated downlighting solutions from USAI® sit perfectly flush with the panel face for a sleek visual
-  Integrate linear lights seamlessly with the Integrated Light Connection Clip and lights from Backlight® srl, XAL® or T-BAR LED™ lights from JLC-Tech
- Lighting solutions are certified for fit and finish and engineered to be supported by standard Armstrong suspension systems for use in all areas, including seismic DEF zones
- Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
-  Select products included in the FAST program – ready to ship in 4 weeks or less
- Painted White finish for even more design flexibility
- Vertical slats are deeper than they are wide creating a more open feel
- Horizontal slats are wider than they are deep creating a warm, more solid look
- 24" x 24" and 24" x 48" sizes available in vertical and horizontal slat designs
- FSC® Certification available upon request
- Panels are designed so the suspension system virtually disappears
- Tegular panels with backers easily install on standard suspension system
- Create continuous looks and clouds with Axiom® or solid wood trim
- Panels are accessible without the use of clips

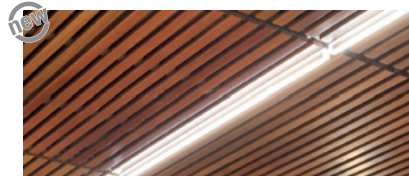
*Now, Lighting  
Integration  
Made Easy*



DOWNLIGHTING: WoodWorks® Grille Tegular panel with USAI® BeveLED Mini® for WoodWorks light fixture. Integration details at [armstrongceilings.com/woodworkslighting](http://armstrongceilings.com/woodworkslighting)



LINEAR LIGHTING: WoodWorks® Grille Tegular vertical slats in Maple with 5-1/4" x 23-3/8" linear light fixture. Integration details at [armstrongceilings.com/woodworkslighting](http://armstrongceilings.com/woodworkslighting)



LINEAR LIGHTING: WoodWorks® Grille Tegular with JLC-Tech T-BAR LED™

**FINISHES** Due to printing limitations, shade may vary from actual product.



TechLine 877 276-7876  
[armstrongceilings.com/woodworksgrille](http://armstrongceilings.com/woodworksgrille)



# WOODWORKS® Grille Tegular



LEED® WELL™ LBC

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/extended producer resp.	biobased materials	FSC® (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting materials	lighting quality	acoustics

For LEED contribution contact TechLine

## VISUAL SELECTION

Item No. ♦	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes available	% Open Area	CleanAssure™ Disinfectable Panels		
				Fog	Spray	Wipe
662808	FSC® certified WOODWORKS® Grille Tegular for 9/16" Suspension System 9/16" Tegular with Horizontal Slats 	24 x 24 x 1" □	23%	•	•	•
663008	1/2" x 1-1/2" 12 horizontal slats	24 x 48 x 1" □	23%	•	•	•
662912	9/16" Tegular with Vertical Slats 	24 x 24 x 2" □	74%	•	•	•
662812	FSC® certified WOODWORKS® Grille Tegular for 15/16" Suspension System 15/16" Tegular with Horizontal Slats 	24 x 24 x 1" □	34%	•	•	•
663012	1/2" x 1-1/2" 10 horizontal slats	24 x 48 x 1" □	34%	•	•	•
663112	15/16" Tegular with Vertical Slats 	24 x 48 x 2" □	74%	•	•	•



FAST program items ready to ship from manufacturer in 4 weeks or less. Up-to-date lead times and product options (sizes and colors) at [armstrongceilings.com/fast134](http://armstrongceilings.com/fast134).

♦ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 663008 G L Q). NOTE: For additional color and size options, call TechLine at 1 877 276 7876.

## PERFORMANCE

## ACOUSTICAL INFORMATION

Performance determined by perforation size. Dots represent high level of performance.

Item Number	Infill Panel Item No.	NRC	+	CAC	=	Total Acoustics <sup>1</sup> NRC + CAC
662808 9/16" Tegular 	5823	0.75	•	N/A	•	N/A
	1713BL	0.75	•	35	•	BETTER
	2820BK	0.85	•	35	•	BEST
662812 15/16" Tegular 	5823	0.75	•	N/A	•	N/A
	1713BL	0.75	•	35	•	BETTER
	2820BK	0.85	•	35	•	BEST

<sup>1</sup> Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.  
**GOOD** (NRC 0.60-0.65; CAC 35+)  
**BETTER** (NRC 0.70-0.75; CAC 35+)  
**BEST** (NRC 0.80+; CAC 35+)

## PHYSICAL DATA

**Material**  
Solid Poplar (yellow or hybrid) (RA-COC-003601)  
**Surface Finish**  
Clear or tinted semi-gloss coating on all finishes except Grille White (GWH). Grille White (GWH) has a lacquer finish.  
**Fire Performance**  
Class C: ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.  
Fire performance will vary between species.  
Class A intumescent treatment is available for all finishes except Grille White (GWH). Results will vary on a project-by-project basis. Contact TechLine at 1 877 276-7876 for details.  
WoodWorks® Grille, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13,

and local codes for guidance where automatic fire detection and suppression systems are present. For more fire performance information, visit [armstrongceilings.com/grille](http://armstrongceilings.com/grille)

**Acoustics Considerations**  
NRC-tested using white panels. Painted panels may experience a slight reduction in NRC due to color painting processes.

**Application Considerations**  
Variation among panels may occur due to the natural characteristics of the wood and grain.

**Design Considerations**  
If no infill panel is used, unfinished parts of the suspension system and Axiom® trim will be visible from below.

Item 662912 24" x 24" vertical slat panels are designed for basketweave pattern only. An uneven reveal between slats will be visible, if installed in a linear fashion.

**Seismic Restraint**  
WoodWorks Grille has been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

**Cleaning and Disinfecting**  
Cleaning and CDC approved disinfecting options available on [armstrongceilings.com/cleaning](http://armstrongceilings.com/cleaning)

### FAST Program Considerations

Size of Job Matters: Big jobs, over 2500 SF or 50 pieces for shapes/vertical elements will have longer lead times.

Location Matters: Transit time not included. We are ready to ship FAST1 products, but for Western U.S. (Wyoming and west) shipments, assume +1 week.

Distributor Truck Schedule Matters: We rely on distribution to help move products around the country. When speed matters, work with your local distributor to ensure FAST service.

Stock vs Made-to-Order Matters: FAST3 & FAST4 items are made-to-order and will ship direct. FAST1 (stocked items) will go through distribution and depend on distributor truck schedules.

**Warranty**  
Details at [armstrongceilings.com/warranty](http://armstrongceilings.com/warranty)

**Weight (Bulk packaged)**  
662808 – 1.35 lbs/SF  
662812 – 1.15 lbs/SF  
662912 – 1.38 lbs/SF  
663008 – 1.14 lbs/SF  
663012 – 1.01 lbs/SF  
663112 – 1.16 lbs/SF



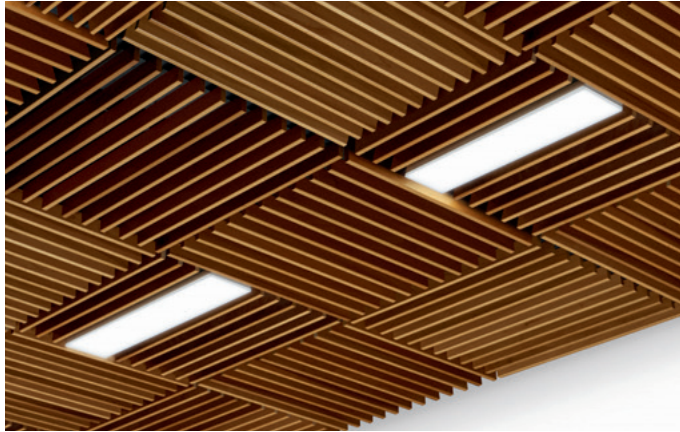




# LIGHTING SOLUTIONS

## WOODWORKS® Grille – Tegular

### Downlighting



▲ WoodWorks® Grille Tegular vertical slats in Maple with 5-1/4" x 23-3/8" linear light fixture

Seamlessly integrate linear light fixtures from Backlight srl and XAL® with standard or made-to-order WoodWorks® Grille Tegular panels using Integrated Light Connection Clips that suspend lights directly from the suspension system. This eliminates the need for independent support of the fixture or modification of the suspension system.

#### KEY SELECTION ATTRIBUTES

- Engineered and tested clip and suspension system seamlessly integrate lighting with grid
- Low-profile, pre-engineered light fixture in coordinating 2", 3-1/4", and 5-1/4" widths from Backlight srl and XAL® for a flush, sleek visual
- Approved for use in all seismic categories

#### DESIGN CONSIDERATIONS

- Length of lights are designed to coordinate with the length of panels
- Lights must run parallel with slat direction and are not for use in perimeter panels
- Reveal between light and slats will coordinate with the reveal from slat to slat
- Modified panels are required to be secured in the grid system with Cut Backer Support Clips (Item 8171WGTCC01)
- Coordination between ceiling contractor and electrician is required for installation

#### VISUAL SELECTION

Item No.	Description	Coordinating WoodWorks® Grille Tegular Panel Item No.	Panel Field Modification Required*	Compatible Partner Light Fixture Dimensions W x L (Inches)	Clips Required per Light Fixture		
WoodWorks® Grille Tegular	Integrated Light Connection Clip for 9/16" Vertical Slat Panels	662912**	Remove 1 slat Remove 2 slats Remove 3 slats	2" x 23-3/8" 3-1/4" x 23-3/8" 5-1/4" x 23-3/8"	2 2 2		
		8171WGTTCC02	Integrated Light Connection Clip for 15/16" Vertical Slat Panels	663112	Remove 1 slat Remove 2 slats Remove 3 slats	2" x 47" 3-1/4" x 47" 5-1/4" x 47"	2 2 2
		8171WGTTCC03	Integrated Light Connection Clip for Horizontal Slat Panels	662808	Remove 2 slats Remove 3 slats	3-1/4" x 23-3/8" 5-1/4" x 23-3/8"	2 2
		663008		Remove 2 slats Remove 3 slats	3-1/4" x 47-3/8" 5-1/4" x 47-3/8"	2 2	
		662812		Remove 1 slat Remove 2 slats Remove 3 slats	2" x 23" 3-1/4" x 23" 5-1/4" x 23"	2 2 2	
			663012	Remove 1 slat Remove 2 slats Remove 3 slats	2" x 47" 3-1/4" x 47" 5-1/4" x 47"	2 2 2	
	8171WGTMCC01	Integrated Light Connection Midpoint Clip for 24" x 48" panels (installed with Item 7425, 24" Stabilizer Bar)	663008	N/A		1	
			663012	N/A		1	
			663112	N/A		1	
	8171WGTCC01	Cut Backer Support Clip	662808	N/A		6	
	663008		N/A		6		
	662812		N/A		6		
	663012		N/A		6		
	662912		N/A		6		
	663112		N/A		6		
Accessories	7425	24" Stabilizer Bar used with 24" x 48" WoodWorks Grille Tegular panels (100 pcs./ctn.)					

\* Made-to-order panels that eliminate the need for field modification of standard panels are available via ASQuote@armstrongceilings.com

\*\* Item 662912 is designed for basketweave patterns only as shown in image above. An uneven reveal between slats will be visible if installed in a linear fashion.  
NOTE: Items 8171WGTTCC01, 8171WGTTCC02, 8171WGTTCC03, 8171WGTMCC01, and 8171WGTCC01 are packaged 12 pcs/ctn.

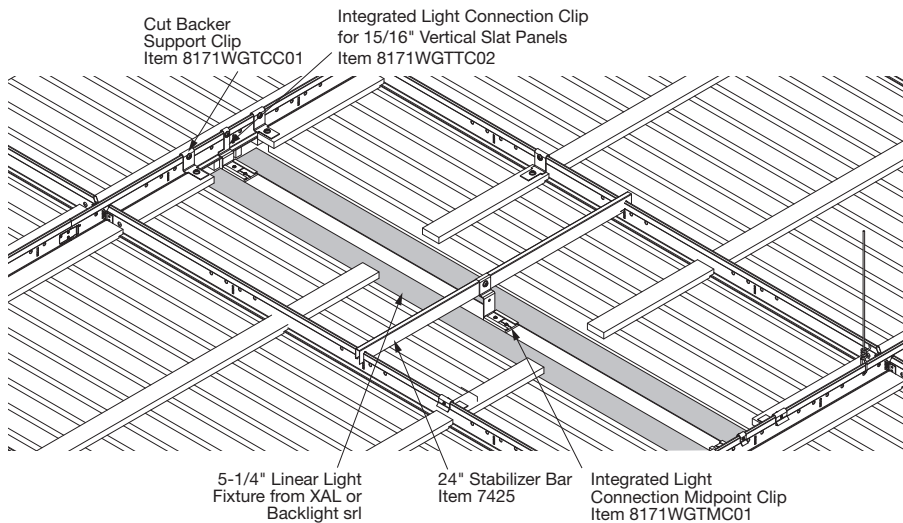
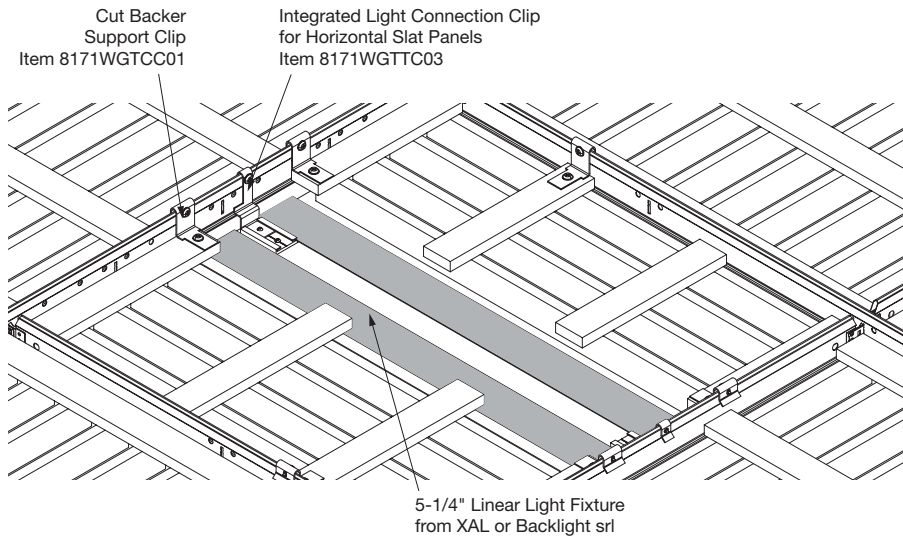
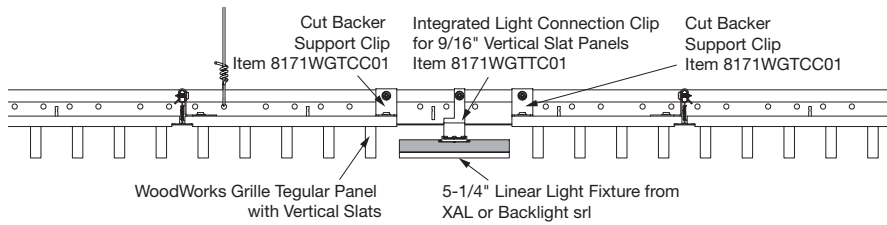
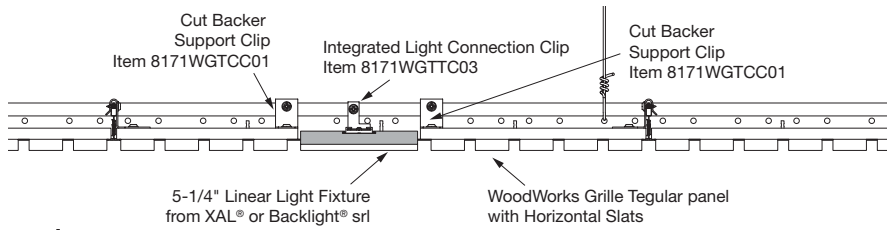


# LIGHTING SOLUTIONS

## WOODWORKS® Grille – Tegalr

### Downlighting

#### INSTALLATION DETAILS



#### LIGHTING FIXTURES

Compatible with Backlight® srl CHIARO light fixture and XAL® PANO Low-Profile Linear Plank light fixture.



For detailed lighting information, contact your local Backlight® srl or XAL® representative.



# LIGHTING SOLUTIONS

## WOODWORKS® Grille – Tegular

### Linear Lighting



▲ WoodWorks® Grille Tegular with JLC-Tech T-BAR LED™ Diffusing Lens

Seamlessly integrate linear light fixtures into WoodWorks® Grille Tegular ceilings by replacing cross tees with T-BAR LED™ lights by JLC-Tech.

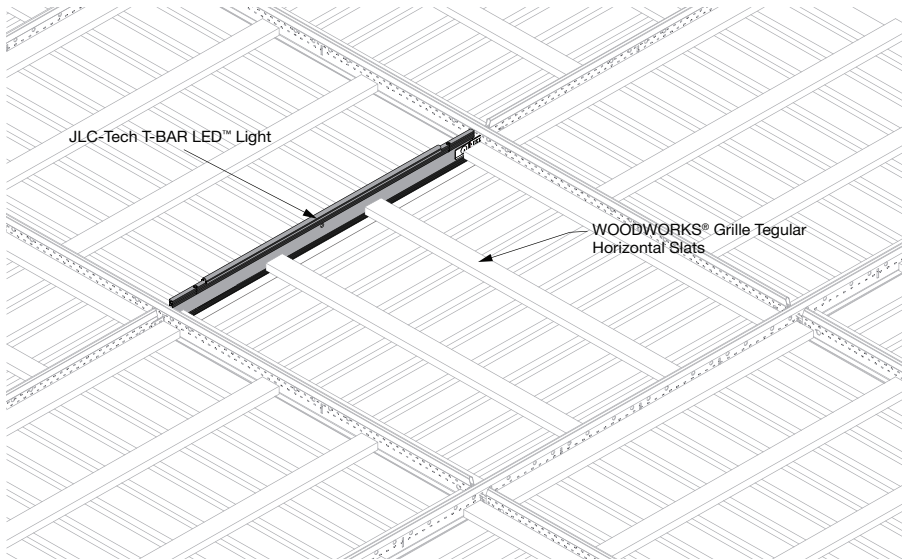
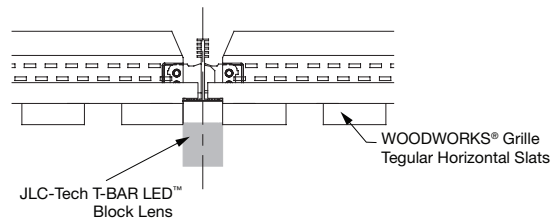
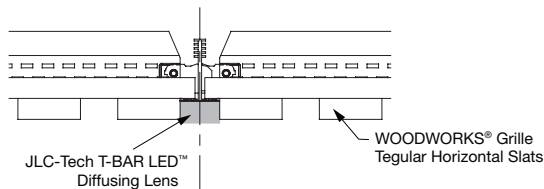
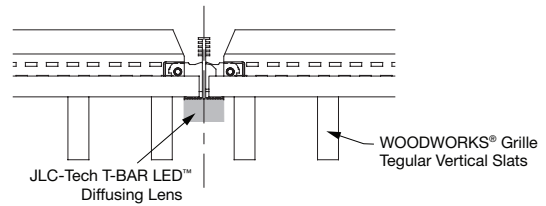
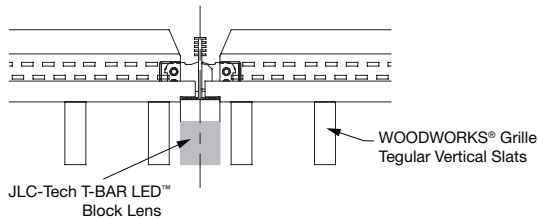
#### KEY SELECTION ATTRIBUTES

- T-BAR LED lights from JLC-Tech replace the cross tees, seamlessly integrating into the ceiling grid
- The T-BAR LED is seismically tested to become a part of the certified ceiling assembly, eliminating the need for support wires
- There is no need to modify the WoodWorks Grille Tegular ceiling panels

#### DESIGN CONSIDERATIONS

- Length of lights are designed to coordinate with the length of panels
- T-BAR LED lights can run both perpendicular or parallel with wood slats direction
- Coordination between ceiling contractor and electrician is required for installation
- T-BAR LED lens options allow for the product to sit flush, recessed, or proud to the wood slats

#### INSTALLATION DETAILS



#### LIGHTING FIXTURES

Compatible with JLC-Tech T-BAR LED™ lights.

JLC • tech

For detailed lighting information, contact your local JLC-Tech representative.

WOODWORKS® – Standard



▲ WoodWorks® Linear Veneered panels in Maple with 5-1/4" x 95" linear light fixture

Seamlessly integrate downlight fixtures from USAI® with standard WoodWorks® Grille Tegalur panels. Suspend lights directly from the suspension system, eliminating the need for independent support of the fixture or modification of the suspension system.

**KEY SELECTION ATTRIBUTES**

- Engineered and tested to seamlessly integrate lighting fixtures with grid
- Two downlight styles available from USAI - BeveLED Mini® for WoodWorks and Micro™ for WoodWorks light fixtures
- Approved for use in all seismic categories

**DESIGN CONSIDERATIONS**

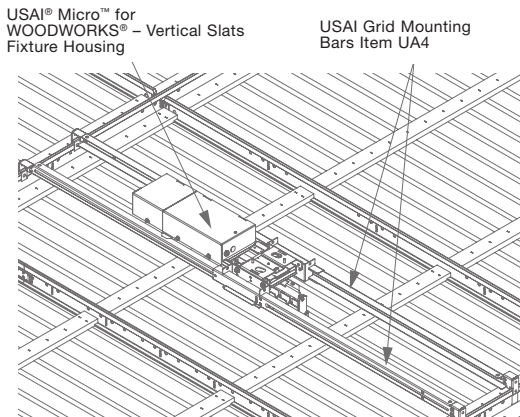
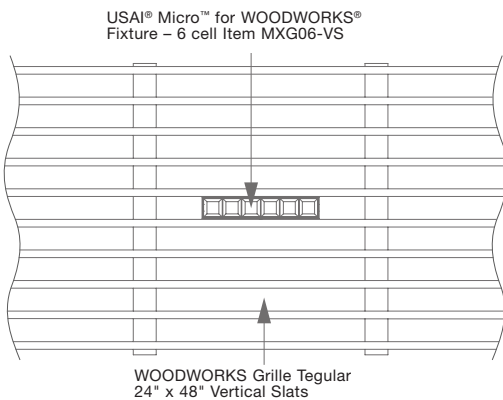
- Lights are designed to sit flush with the face of the WoodWorks panels
- Modified panels are required to be secured in the grid system
- Coordination between ceiling contractor and electrician is required for installation

**VISUAL SELECTION**

	WoodWorks® Panel Item No.	Description	Coordinating USAI® Fixture Family	Coordinating USAI Fixture Part Numbers	USAI Grid Mounting Bars Item No.	USAI Trim Yoke and Centering Spacer Item No.	Panel Field Modification Required
WoodWorks® Grille Tegalur	663008	24" x 48" horizontal slats	BeveLED Mini® for WoodWorks Micro™ for WoodWorks – Horizontal Slats	B3XX-UA MXGXX-UA	UA2, UA4	–	Mini: 2 slats cut Micro: 1 slat cut
	662808	24" x 24" horizontal slats	BeveLED Mini for WoodWorks Micro for WoodWorks – Horizontal Slats	B3XX-UA MXGXX-UA	UA2	–	Mini: 2 slats cut Micro: 1 slat cut
	662912	24" x 24" vertical slats	Micro for WoodWorks – Vertical Slats (4 cell max)	MXGXX-VS	TA2	MXGVS-GT29	None
	662812	24" x 24" horizontal slats	BeveLED Mini for WoodWorks Micro for WoodWorks – Horizontal Slats	B3XX-UA MXGXX-UA	UA2	–	Mini: 2 slats cut Micro: 1 slat cut
	663012	24" x 48" horizontal slats	BeveLED Mini for WoodWorks Micro for WoodWorks – Horizontal Slats	B3XX-UA MXGXX-UA	UA2, UA4	–	Mini: 2 slats cut Micro: 1 slat cut
	663112	24" x 48" vertical slats	Micro for WoodWorks – Vertical Slats (8 cell max)	MXGXX-VS	TA4	MXGVS-GT31	None

NOTE: Refer to lighting partner cut sheets for light location considerations.

**INSTALLATION DETAILS**



**LIGHTING FIXTURES**

Compatible with USAI® BeveLED Mini® for WoodWorks or Micro™ for WoodWorks lighting fixture families.

**USAI®**  
 Lighting

For detailed lighting information, contact your local USAI® representative.