# PANO 3.25"
## WOODWORKS®
GRILLE TEGULAR ⁹⁄₁₆ & ¹⁵⁄₁₆ INTEGRATION

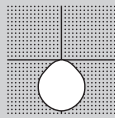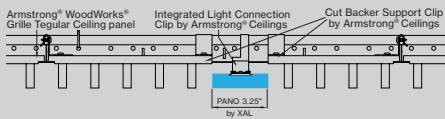**Armstrong COMPATIBLE** | c(UL)us | PoE Power over Ethernet | RoHS Compliant | 5 YEAR limited led warranty
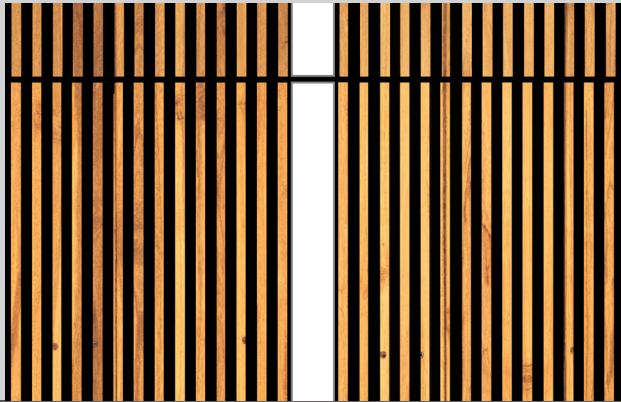
## PERFORMANCE

• Coordinates with Woodworks® Grille Tegular & integration ceiling panel
• Up to 122lm/W
• High performance opal cover
• Remote mountable LED driver
• Damp rated

## WoodWorks® Grille Tegular Ceiling Integration

Grille Tegular Panel

Armstrong® WoodWorks® Grille Tegular Ceiling panel | Integrated Light Connection Clip by Armstrong® Ceilings | Cut Backer Support Clip by Armstrong® Ceilings

PANO 3.25" by XAL

## REMOTE MOUNTING
Quick and easy electrical connection
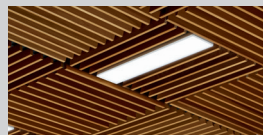
REMOTE MOUNTING

link to page

## ARMSTRONG CEILING TYPES
**WARM, AESTHETIC ROOMS**

**WT5 - WOODWORKS® GRILLE TEGULAR ¹⁵⁄₁₆**
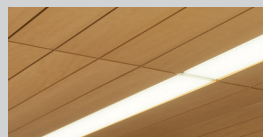
**WT5 - WOODWORKS® GRILLE TEGULAR-VERTICAL SLATS**

**WLS - WOODWORKS® GRILLE SOLID WOOD PANELS**

**WLV - WOODWORKS® GRILLE VENEERED PANELS**

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## Catalog Number Example

**PANO3-WT9-WH-PS-OP-27K-C80-UNV-010V-0450LF-ST-02FT**

### A RANGE

| | |
|---|---|
| PANO 3.25" | P A N O 3 |

### B CEILING TYPE

| | |
|---|---|
| WoodWorks® Grille Tegular ⁹⁄₁₆ | W T 9 |
| WoodWorks® Grille Tegular ¹⁵⁄₁₆ | W T 5 |

please contact your Armstrong® ceilings rep for the Integrated Light Connection Clip for the specified ceiling type

### C COLOR

| | |
|---|---|
| White | W H |
| Black | B L |

### D POWER FEED LENGTH

| | |
|---|---|
| 4' standard integrated | P S |
| 10' medium remote option | P M |
| 30' long remote option | P L |

power feed distance denotes secondary wiring from detachable driver box to fixture; driver box comes with a 6 ft conduit for primary wiring

### E LENS

| | |
|---|---|
| HP opal cover | O P |

### F CCT

| | |
|---|---|
| 2700 K | 2 7 K |
| 3000 K | 3 0 K |
| 3500 K | 3 5 K |
| 4000 K | 4 0 K |
| Custom CCT | X X K |

### G CRI

| | |
|---|---|
| CRI > 80 | C 8 0 |
| CRI > 90 | C 9 0 |

### H VOLTAGE

| | |
|---|---|
| 120V / 277V | U N V |

### I DIMMING

| | |
|---|---|
| 0-10V 1% | 0 1 0 V |
| Lutron EcoSystem Quantum, Vive, GRAFIK Eye, HomeWorks | L E S 1 |
| Power over ethernet consult customer service for compatibility | P O E C |
| Custom dimming consult customer service for compatibility | X X X X |

### J OUTPUT LM/FT

| | |
|---|---|
| 450 lm/ft 100% ↧ | 0 4 5 0 L F |
| 675 lm/ft 100% ↧ | 0 6 7 5 L F |
| 875 lm/ft 100% ↧ | 0 8 7 5 L F |

### K CIRCUIT / EM

| | |
|---|---|
| Single circuit | * |

*leave blank

### L SHAPE / PATTERN

| | |
|---|---|
| Linear / straight | S T |

### M DIMENSIONS IN FT

| | |
|---|---|
| 2' fixture | 0 2 F T |
| 4' fixture | 0 4 F T |

fixture replaces full length of ceiling panel slats; please see table on next page and fixture length dimensions
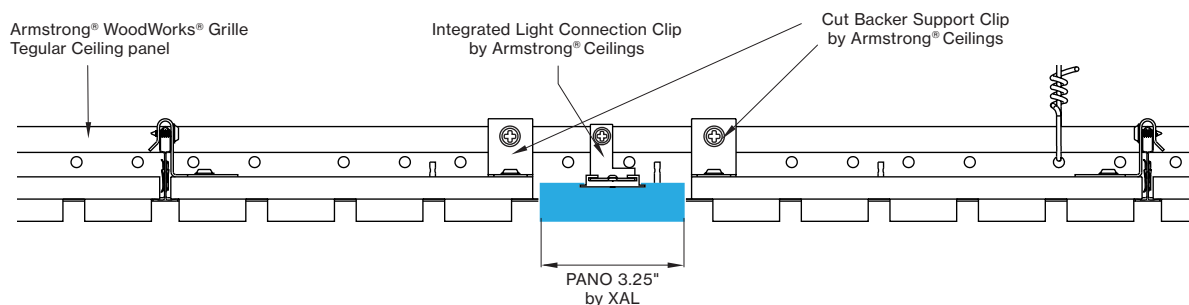
## Technical data

| | SIZE TYPE | LED COLOR TEMPERATURE | INPUT WATTS | DELIVERED LM TOTAL | LIGHT DISTRIBUTION | DELIVERED LUMEN DIRECT | OPTICAL EFFICIENCY | LUMINAIRE EFFICACY |
|---|---|---|---|---|---|---|---|---|
| **PANO 3.25"** | | | | | | | | |
| e LED | 2' opal | 40 K | 8 W | 900 lm | 100 % down | 900 lm | 73 % | 116 lm/W |
| | 4' opal | | 15.9 W | 1800 lm | | 1800 lm | | 116 lm/W |
| e² LED | 2' opal | 40 K | 12.3 W | 1350 lm | 100 % down | 1350 lm | 73 % | 111 lm/W |
| | 4' opal | | 24.6 W | 2700 lm | | 2700 lm | | 111 lm/W |
| e²⁺ LED | 2' opal | 40 K | 16.4 W | 1750 lm | 100 % down | 1750 lm | 73 % | 108 lm/W |
| | 4' opal | | 32.7 W | 3500 lm | | 3500 lm | | 108 lm/W |

for 27 K, 30 K or 35 K multiply lm value by 0.96

## WoodWorks® Grille Tegular Ceiling Integration

(for more ceiling options, please see CEILING OPTIONS pages)



Armstrong® WoodWorks® Grille Tegular Ceiling panel

Integrated Light Connection Clip by Armstrong® Ceilings

Cut Backer Support Clip by Armstrong® Ceilings

PANO 3.25" by XAL

## Available lengths for ceiling types

| CEILING TYPE | 2 FT | 4 FT | 6 FT | 8 FT |
|---|---|---|---|---|
| WoodWorks® Grille Tegular ⁹⁄₁₆ | 23.375" | 47.375" | n/a | n/a |
| WoodWorks® Grille Tegular ¹⁵⁄₁₆ | 23" | 47" | n/a | n/a |
| WoodWorks® Grille Classic | 23" | 47" | 71" | 95" |
| WoodWorks® Grille Forte | *23" | 47" | 71" | 95" |
| WoodWorks® Linear Solid Wood panels | *23" | *47" | *71" | 95" |
| WoodWorks® Linear Veneered panels | *23" | *47" | *71" | 95.25" |

*Woodworks ceilings are not available in this length. Wood panels need to be cut in the field to fit this length.

### INTEGRATED LIGHT CONNECTION CLIP

Armstrong® Ceilings Integrated Light Connection Clip

visit
armstrongceilings.com
/linearlighting

please contact your Armstrong Ceilings rep
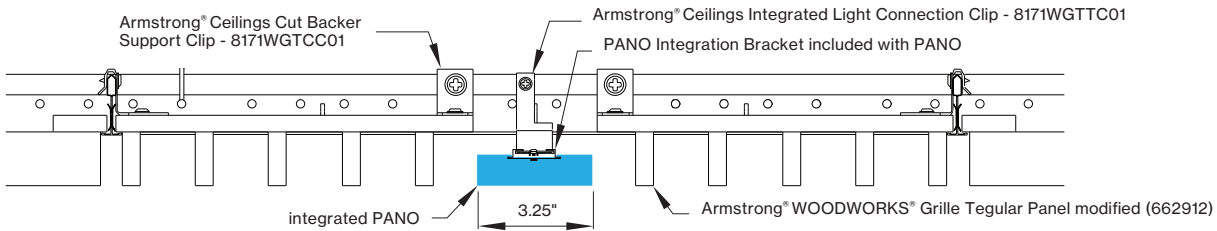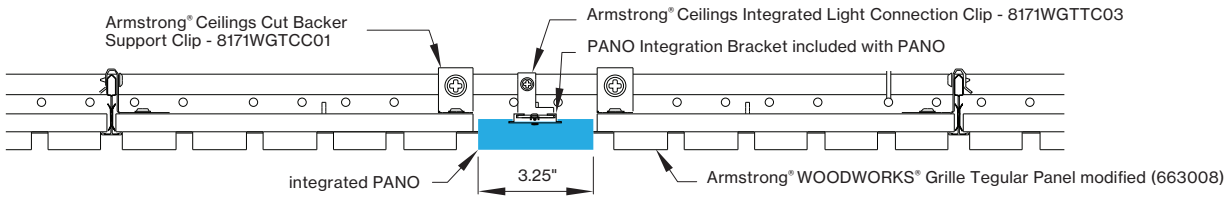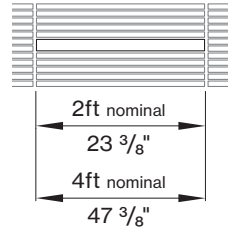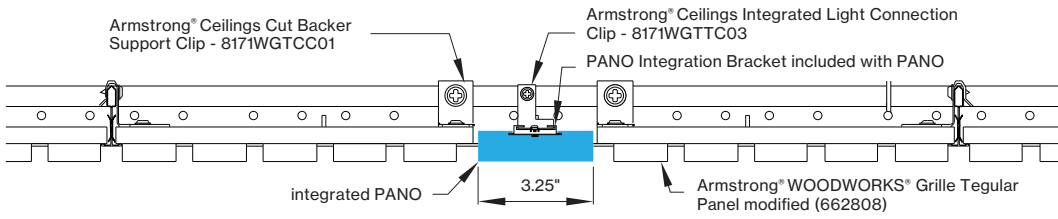
## WoodWorks® ceiling systems

XAL PANO is only approved for Armstrong® WoodWorks Grille Tegular 9/16, WoodWorks Grille Tegular 15/16, WoodWorks Grille, WoodWorks Linear Solid Wood panels and WoodWorks Linear Veneered panels ceiling systems.
Refer to armstrongceilings.com for installation instructions related to the ceiling products.

## PANO 3.25"

**WT9 - ARMSTRONG® WOODWORKS® GRILLE TEGULAR 9/16 PANELS**

WT9 view from below

Armstrong® Ceilings Cut Backer
Support Clip - 8171WGTCC01

Armstrong® Ceilings Integrated Light Connection
Clip - 8171WGTTC03

PANO Integration Bracket included with PANO

integrated PANO

3.25"

Armstrong® WOODWORKS® Grille Tegular
Panel modified (662808)

2ft nominal
23 3/8"
4ft nominal
47 3/8"

Armstrong® Ceilings Cut Backer
Support Clip - 8171WGTCC01

Armstrong® Ceilings Integrated Light Connection Clip - 8171WGTTC03

PANO Integration Bracket included with PANO

integrated PANO

3.25"

Armstrong® WOODWORKS® Grille Tegular Panel modified (663008)

Armstrong® Ceilings Cut Backer
Support Clip - 8171WGTCC01

Armstrong® Ceilings Integrated Light Connection Clip - 8171WGTTC01

PANO Integration Bracket included with PANO

integrated PANO

3.25"

Armstrong® WOODWORKS® Grille Tegular Panel modified (662912)

## PANO 3.25"

**WT5 - ARMSTRONG® WOODWORKS® GRILLE TEGULAR ¹⁵⁄₁₆ PANELS**

WT5 view from below

Armstrong® Ceilings Cut Backer
Support Clip - 8171WGTCC01

Armstrong® Ceilings Integrated Light Connection
Clip - 8171WGTTC03

PANO Integration Bracket included with PANO

integrated PANO

3.25"

Armstrong® WOODWORKS® Grille Tegular
Panel modified (662812)

2ft nominal
23"
4ft nominal
47"

Armstrong® Ceilings Cut Backer
Support Clip - 8171WGTCC01

Armstrong® Ceilings Integrated Light Connection Clip - 8171WGTTC03

PANO Integration Bracket included with PANO

integrated PANO

3.25"

Armstrong® WOODWORKS® Grille Tegular Panel modified (663012)

Armstrong® Ceilings Cut Backer
Support Clip - 8171WGTCC01

Armstrong® Ceilings Integrated Light Connection Clip - 8171WGTTC02

PANO Integration Bracket included with PANO

integrated PANO

3.25"

Armstrong® WOODWORKS® Grille Tegular Panel modified (663112)
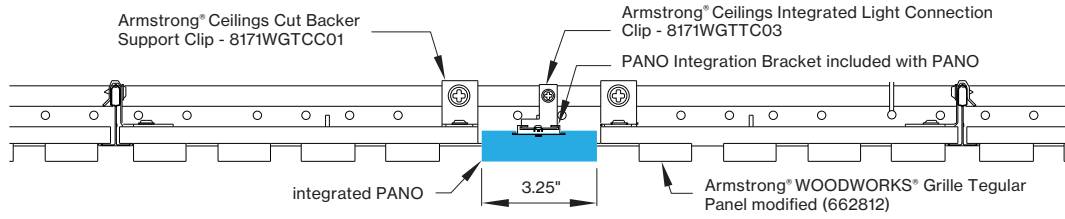
### PANO mounting instructions

Get access to the PANO mounting
instructions faster by scanning the
QR code.

https://www.xalusa.com/resources/
cut-sheets/pano