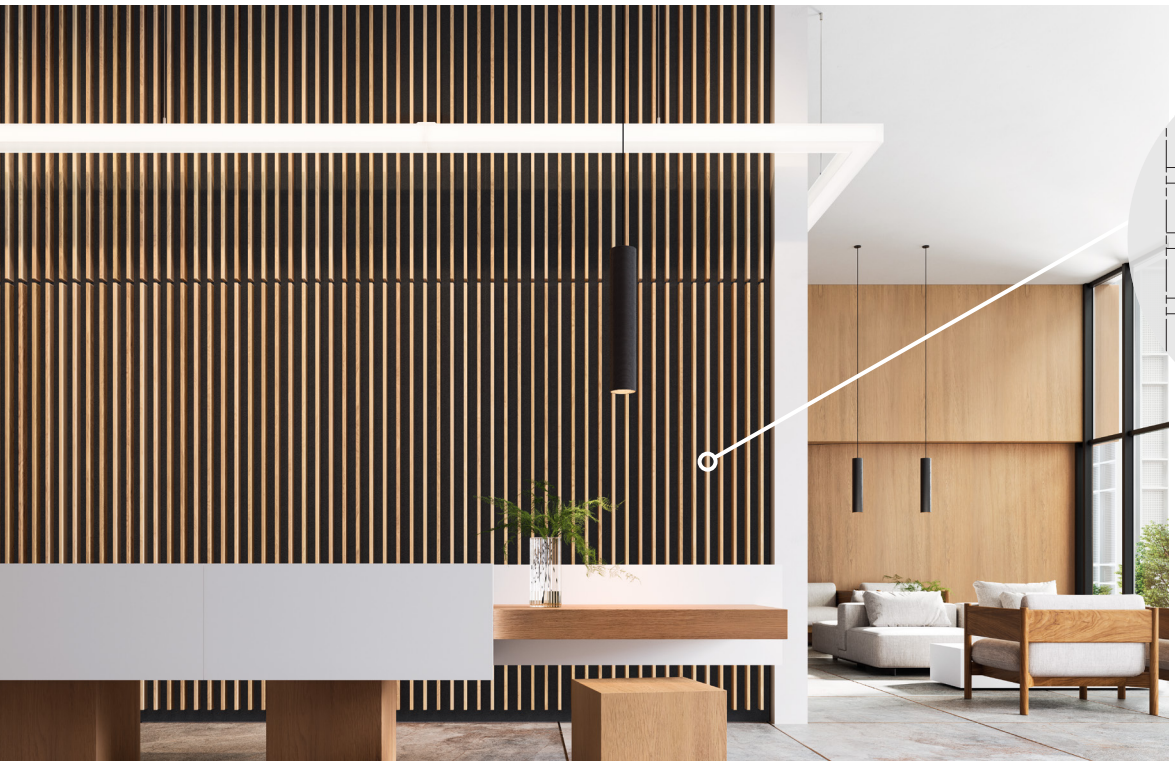
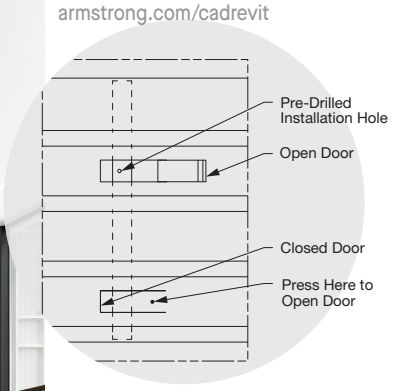
WOODWORKS® Sensoria™ – Blades

Veneered Wall Panels with Integral Acoustic Felt



CAD/Revit® drawings at:
armstrong.com/cadrevit

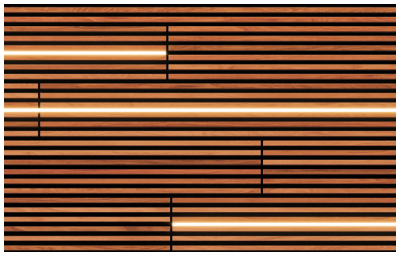


WoodWorks® Sensoria™ – Blades veneered panels in Plain Slice White Oak

The natural warmth of wood and the softness of felt showcase a bold, refined visual for contemporary wall applications.

KEY SELECTION ATTRIBUTES

- Proprietary integral acoustic felt design creates a clean, refined visual while adding depth, contrast, and up to 0.90 NRC
- Available as standard in 4' and 8' lengths with 3-6 slats per panel
- 10 standard veneers feature various species and cuts for beautiful wood visuals
- Felt perimeter panels enable custom border spacing; Panels help create the desired perimeter reveals while meeting the project's perimeter cut requirements
- Slat configurations coordinate with WoodWorks® Grille – Forté veneered ceiling panels for a complete, integrated design solution
- Simplify lighting coordination at every stage with Armstrong Integrated Lighting; Lights and standard pre-engineered grille panels are designed to work together for seamless specification and installation
- Made in the U.S.A. of domestic and global content
- Premium options include FSC® Certified wood (FSC-C007626)
- Custom options include unique panel configurations, lengths, and additional species. Contact ASQuote@armstrong.com



ARMSTRONG INTEGRATED LIGHTING:
WoodWorks Sensoria wall panels in Quartered Sapele with 3/4" linear light fixture. See lighting section for details.

TechLine 877 276-7876
armstrong.com/sensoria

Armstrong®
World Industries

WOODWORKS® Sensoria™ – Blades

Veneered Wall Panels with Integral Acoustic Felt

RECYCLED CONTENT	LEED V5		
UP TO 60%	COMMON MATERIALS FRAMEWORK	Climate Health	EPD*
		Human Health	Ecosystem Health	EPD*
			Circular Economy	✓
	OCCUPANT EXPERIENCE		Acoustics	✓

* EPDs provided per substrate

FINISH RANGES

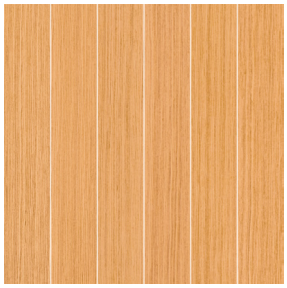
The carefully curated species and veneer cut offer a beautiful natural variation. The images here reflect the visual range that is likely within our product. Darkest to lightest tones may occur within an installation due to the character of wood.



Plain Slice White Maple (NWM)



Plain Slice White Ash (NWA)



Vertical Grain Fir (NVF)



Rift White Oak (NRO)



Plain Slice White Oak (NOK)



Plain Slice Cherry (NPC)



Quartered Mahogany (NQM)



Quartered Sapele (NQS)



Quartered Walnut (NQW)



Plain Slice Walnut (NWN)

CUSTOM FINISHES



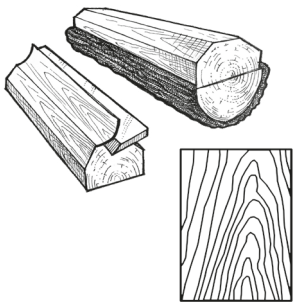
Custom Wood Species and Finishes Available

Made-to-order, custom backer colors available.

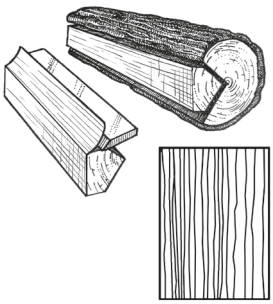
Due to printing limitations, shade may vary from actual product.

VENEER CUTS

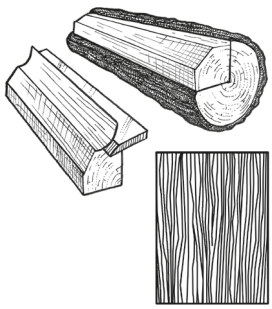
Different cuts of a log will yield different graining visuals. Choose your veneer to achieve your desired look.



Plain Sliced
Produces the well-known cathedral or loop-grain effect.



Quarter Sliced
Produces a striped, often straight-grain effect.



Rift Sliced
Produces a tight, linear grain along the entire length of the veneer.

WOODWORKS® Sensoria™ – Blades

Veneered Wall Panels with Integral Acoustic Felt

RECYCLED CONTENT
UP TO 60%

LEED V5

COMMON MATERIALS FRAMEWORK	Climate Health	EPD*
	Human Health	Ecosystem Health	EPD*
		Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

* EPDs provided per substrate

VISUAL SELECTION

Armstrong Integrated Lighting is available as standard. See lighting page for details.

	Item No.◆	Panel Length	Slats per Panel	Space Between Slats (Nominal)	% Open Area	Lbs/SF
WOODWORKS® Sensoria – Blades Wall Panels	**6393F07L4S14_ _ _** **6393F07L8S14_ _ _**	48"	3	3-1/4"	81%	2.49
		96"	3	3-1/4"	81%	2.49
	6394F07L4S14_ _ _ **6394F07L8S14_ _ _**	48"	4	2-1/4"	75%	3.09
		96"	4	2-1/4"	75%	3.09
	6395F07L4S14_ _ _ **6395F07L8S14_ _ _**	48"	5	1-5/8"	69%	3.69
		96"	5	1-5/8"	69%	3.69
	6396F07L4S14_ _ _ **6396F07L8S14_ _ _**	48"	6	1-1/4"	63%	4.39
		96"	6	1-1/4"	63%	4.39

◆ When specifying or ordering, include the three-letter finish suffix (e.g., 6393F07L4S14 N W M – 3 slats, 3/4 × 48 × 2-1/2" in Plain Slice White Maple).
NOTE: Panels are 12" W and slats are 3/4" W × 2-1/2" D

ACOUSTICAL INFORMATION

Dots represent high level of performance.

NRC Rating		
A Mounting	D-20 Mounting	C-20 Mounting with 1" fiberglass infill
0.60	0.70 •	0.90 •

ITEM NUMBER KEY

639 3 F07 L4 S14 NQW

- 639 — Veneered Wood
- 3 — Slats per Panel: 3
- F07 — FSC® Designation
- L4 — Panel Length: 4'
- S14 — Slat Width & Height Differentiator
- NQW — Veneer: Quartered Walnut

PARTITIONS & WALLS

WOODWORKS® Sensoria™ – Blades

Veneered Wall Panels with Integral Acoustic Felt

RECYCLED CONTENT
UP TO 60%

LEED V5

COMMON MATERIALS FRAMEWORK	Climate Health	EPD*
	Human Health	Ecosystem Health	EPD*
		Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

* EPDs provided per substrate

ACCESSORIES

	Item No.◆	Description	Dimensions Nominal W × L × H (inches)	Color	PCS/CTN
Acoustical Infill Panels	**6657**	BioAcoustic™ Infill Panel	11 × 48 × 5/8"	Black Matte	12
Border Panels	**6329F11R02FBL**	4' Felt Border Panel	12 × 48 × 3/8"	Black	8
	6329F11R01FBL	8' Felt Border Panel	12 × 96 × 3/8"	Black	4
Perimeter Trim	**6408D5_ _ _**	WoodWorks® Edgebanding (Grille – Forté)	1-1/4" × 300"	All Veneers	25 LF

◆ When specifying or ordering please include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 6408D5 N W M).

PHYSICAL DATA

Material
Fire-rated particle board (FRPB) with real wood veneers. Vertical Grain Fir (NVF) is FRPB with a reconstituted veneer. 9 mm thick non-woven layered and formed polyester felt (PET).

Surface Finish
Satin

Fire Performance (Veneers)
Class A: ASTM E84 surface burning characteristics.

Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics.

Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Fire Performance (PET)
Class A per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 450 or less.

Design Considerations
Variation within panel and from panel to panel may occur due to the natural characteristics of the wood and grain.

Custom options include different dimensions, species and finishes.

Design & Pre-Construction Service
For complimentary design and pre-construction assistance, contact ProjectWorks® or visit armstrong.com/projectworks

Site Conditions
It is very important that panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained.

Ordering Considerations
For projects with phased delivery, please coordinate orders. Each separate order is likely to be pulled from different lumber, and therefore will differ in terms of finish range from previous orders.

Be sure to account for extra material that is normally needed for wood installations. When installing panels, you should consider ordering at least 5% extra material. Up to 10% more may be needed for odd size or unique installations.

Seismic Restraint
WoodWorks® Sensoria™ panels have been engineered and approved for application in all seismic areas when installed per Armstrong installation instructions.

Cleaning and Disinfecting
Cleaning and CDC-approved disinfecting options available on armstrong.com/cleaning

Warranty
Details at armstrong.com/warranty

Weight
Refer to Visual Selection chart.

TechLine / 877 276-7876
armstrong.com/sensoria

BPCS-7581-1026

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Armstrong® World Industries

WOODWORKS® Sensoria™ – Blades

Veneered Wall Panels with
Integral Acoustic Felt

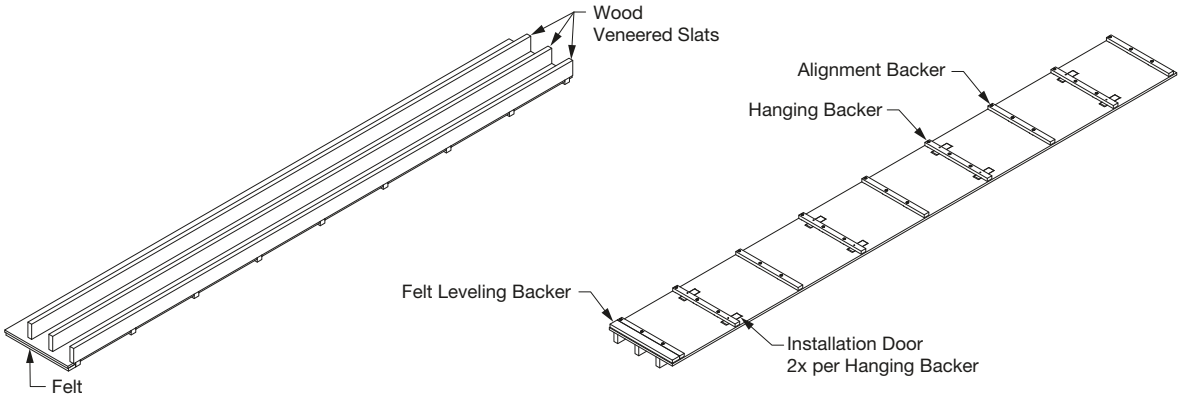
RECYCLED CONTENT
UP TO 60%

LEED V5

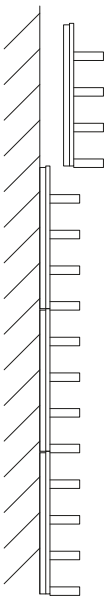
COMMON MATERIALS FRAMEWORK		
Human Health	Climate Health	EPD*
	Ecosystem Health	EPD*
	Circular Economy	✓
OCCUPANT EXPERIENCE	Acoustics	✓

* EPDs provided per substrate

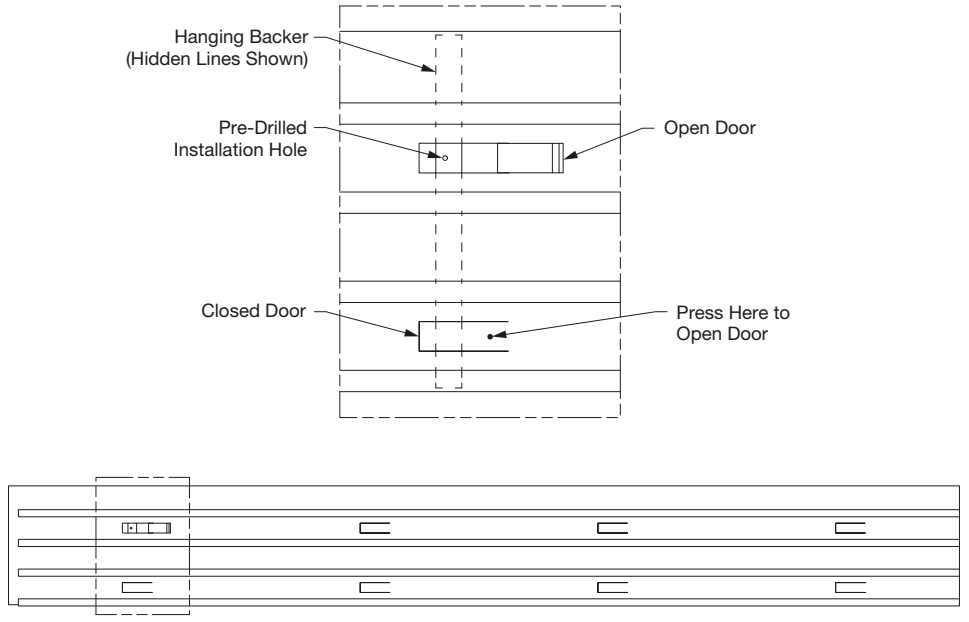
SYSTEM INSTALLATION DETAILS



1 Panel Details



2 Progressive Installation



3 Installation Door

PARTITIONS & WALLS

LIGHTING SOLUTIONS

WOODWORKS® Sensoria™ – Blades

Veneered Wall Panels for Armstrong Integrated Lighting



WoodWorks Sensoria – Blades wall panels in Quartered Sapele with Armstrong Integrated Lighting 3/4" linear light fixture

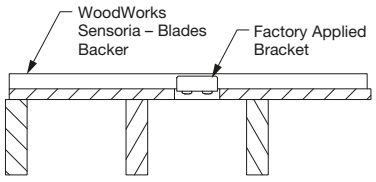
Introducing Armstrong Integrated Lighting, the easiest way to specify stunning wood walls and lighting as one coordinated system. Developed in collaboration with LightArt®, this system combines integrated lighting wall panels and linear light fixtures for seamless installation and beautifully lit, high-performance spaces.

- Integrated lighting panels include factory-attached brackets for seamless, hook-on light integration
- Linear lights sit centered between slats
- Compatible with 3/4" and 1-1/2" Armstrong Integrated Lighting fixtures
- 5-year lighting warranty when used as a complete system with WoodWorks® Sensoria™ wall panels
- Contact ASQuote@armstrong.com for pricing
- Contact ProjectWorks® for layout support and help with integration details

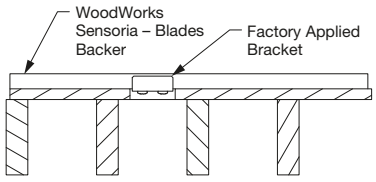
VISUAL SELECTION

	Light Integration Panel Item No. ◆	#of Slats	Slat Width	Slat Height	O.C. Slat Spacing	Standard Light Position	Compatible Light Fixture Weights
WOODWORKS® Sensoria™ – Blades Integrated Lighting Wall Panels	**6883F07L_S14_ _ _**	3	3/4"	2-1/2"	4"	2.5 (Between slats 2 & 3)	3/4", 1-1/2"
	6884F07L_S14_ _ _	4	3/4"	2-1/2"	3"	2.5 (Between slats 2 & 3)	3/4", 1-1/2"
	6885F07L_S14_ _ _	5	3/4"	2-1/2"	2.4"	3.5 (Between slats 3 & 4)	3/4"
	6886F07L_S14_ _ _	6	3/4"	2-1/2"	2"	3.5 (Between slats 3 & 4)	3/4"

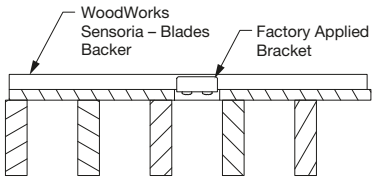
◆ When specifying or ordering, please include the light integration panel item number, the light length and finish suffix (e.g. 6885F07L 8 S14 G L C)
NOTE: Doghouse driver option is visible on all 3/4" light fixtures



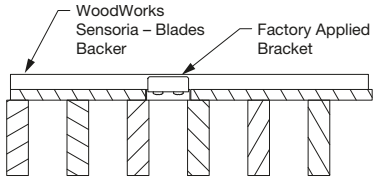
6883 – 3 Slat Panel Light Position



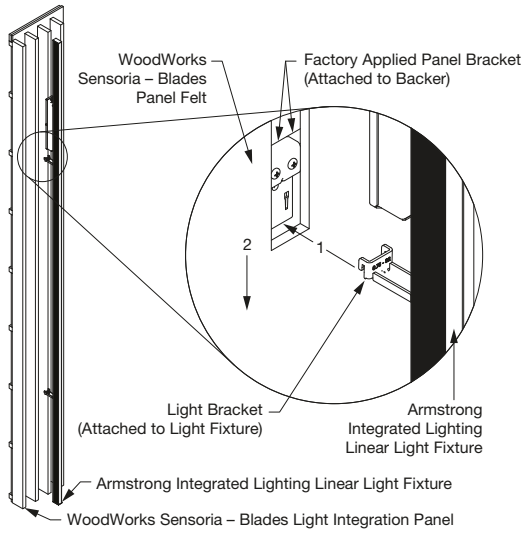
6884 – 4 Slat Panel Light Position



6885 – 5 Slat Panel Light Position



6886 – 6 Slat Panel Light Position



Light Fixture Installation

LIGHTING SOLUTIONS

WOODWORKS® Sensoria™ – Blades

Veneered Wall Panels for Armstrong Integrated Lighting

LIGHTING DIMENSIONS

Lengths & Widths



47" L

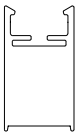


71" L

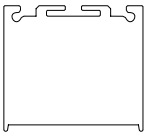


95" L

LIGHT PLACEMENT — BETWEEN SLATS



0.75" W



1.50" W

SPECIFICATIONS

Lighting
Solid state LED system 120v–277v input 2700k, 3000k, 3500k, 4000k options, 90 CRI light source options.

Dimming
Dimming 0–10v

Mounting
Integrates into the Armstrong® WoodWorks® Sensoria™ – Blades and Armstrong® WoodWorks® Grille – Classics wall light integration panels. Standard fixture mounting meets the desired qualification level for California.

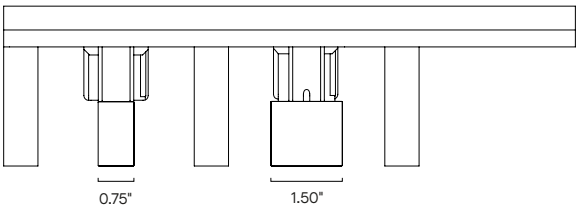
Certification
CSA approved to UL® Standards, Declare® label certified, Living Building Challenge® compliant, Damp rated

Cleaning & Care
Designed to withstand the demands of rigorous cleaning requirements. Effective cleaning and disinfection of environmental surfaces reduces microbe transmission. Superior chemical resistance and durability promotes safety in any design application. Use common disinfectants and cleaners to reduce microbe transmission.

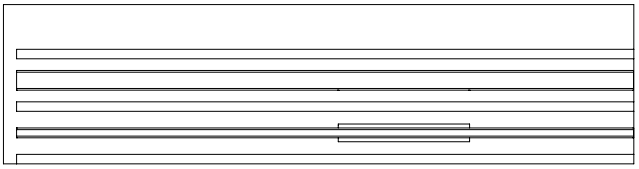
Warranty
5-year warranty when used as a complete system with WoodWorks® Grille – Classics wall panels.

For more lighting information or specification help, contact your local LightArt Lighting agent.

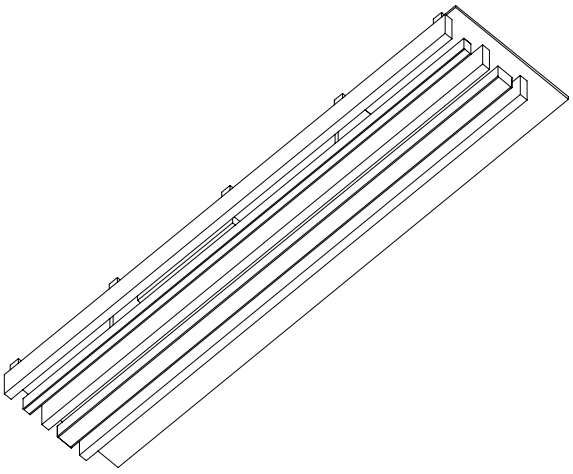
LIGHT PLACEMENT



End View



Front View



Isometric View

PERFORMANCE

Based on 3500K / 90CRI / Standard Distribution

Nominal Lumen Output (LM/FT)	Input Power (W/FT)		Efficacy (LM/W)	
	0.75"	1.5"	0.75"	1.5"
400	4.85	3.65	82.42	109.68
500	6.15	4.62	81.34	108.28
600	7.47	5.62	80.31	106.81
700	8.79	6.62	79.60	105.78
800	–	7.62	–	105.02
900	–	8.65	–	104.08
1000	–	9.68	–	103.34
1100	–	10.74	–	102.47

(If fixture power is under 15W, please specify a 120V or 277V driver)

LIGHT DISTRIBUTION

Based on measurement data

Color Temperature/CRI	Multiplier
2700K / 90	0.98
3000K / 90	1.00
3500K / 90	1.00
4000K / 90	1.03

OUTPUT MULTIPLIERS INSTRUCTIONS

Adjusted Value = $L_1 \bar{y}\ C_m \bar{y}$ where:

L_1 = (Lumen output at 3500K/90 CRI) $\bar{y}$

C_m = (Color Temp./CRI Multiplier) $\bar{y}$

Example:

850LM / 4000K / 90CRI

(850) $\bar{y}$ (1.03) $\bar{y}$ = 875.5LM

TechLine 877 276-7876
armstrong.com/sensoria

Integrated Lighting

WOODWORKS® – Standard

LIGHTING SOLUTIONS

Armstrong Integrated Lighting

Linear Light Fixtures for WoodWorks® Sensoria™

SKU SPECIFICATION

SPECIFICATION CODE EXAMPLE: 2 QTY AIL–WOOD–WALLS–CLAS–CP2–1.50–95L–935CK–700LM–LEC–RMT

[ ] AIL - LW - WALLS - [ ] – [ ] – [ ] – [ ] – [ ] – [ ] – [ ] – [ ]

QTY. 1 2 3 4 5 6 7 8

Complete form to order WoodWorks® Grille Walls. For each number, make one selection and enter in the corresponding box above.
**Indicates modified choices; additional lead times, cost, and limited lumen outputs may apply.*

1 WALL PANEL OPTIONS

☐ SENS	WOODWORKS® SENSORIA™ – BLADES
☐ CLAS	WOODWORKS® GRILLE – CLASSICS

2 PANEL SLAT HEIGHT

☐ CP1	1.375"
☐ CP2	2.25"
☐ SP2	2.50"

3 LIGHT PROFILE

☐ 0.75	0.75"
☐ 1.50	1.50"

4 LENGTH *(47"L and 95"L lighting lengths correspond to the length of WoodWorks® Sensoria™ – Blades)*

☐ 35L*	35" LENGTH
☐ 47L**	47" LENGTH
☐ 59L*	59" LENGTH
☐ 71L*	71" LENGTH
☐ 83L*	83" LENGTH
☐ 95L**	95" LENGTH
☐ CRL	CUSTOM RUN LENGTH _____

** Custom WoodWorks Sensoria – Blades panels required, consult Armstrong's ProjectWorks® Design Services*
*** Works with standard WoodWorks Sensoria – Blades wall light integration panels*

5 LED CRI / CCT

☐ 927CK	90 CRI / 2700K
☐ 930CK	90 CRI / 3000K
☐ 935CK	90 CRI / 3500K
☐ 940CK	90 CRI / 4000K

6 OUTPUT

☐ 400LM	400 LM/FT
☐ 500LM	500 LM/FT
☐ 600LM	600 LM/FT
☐ 700LM	700 LM/FT *Max lumen output for 0.75"*
☐ 800LM	800 LM/FT
☐ 900LM	900 LM/FT
☐ 1000LM	1000 LM/FT
☐ 1100LM	1100 LM/FT

7 DIMMING AND CONTROLS

☐ P01	0–10V 1% DIMMING
☐ LEC*	HI-LUME 1% ECOSYSTEM LED DRIVER SOFT ON, FADE TO BLACK (LDE1 SERIES)

8 DRIVER BOX

☐ RMT	REMOTE DRIVER BOX
☐ DOG	DOGHOUSE *Available for 400LM/FT only*

WOODWORKS® – Standard

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Integrated Lighting