

WoodWorks Grille Walls

Overview

INTEGRATED LIGHTING



Specifications

LIGHTING	Solid state LED system 120v-277v input 2700k, 3000k, 3500k, 4000k options, 90 CRI light source options.	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.
DIMMING	Dimming 0-10v	WARRANTY	5 year warranty when used as a complete system with Armstrong® WoodWorks® Sensoria™ - Blades.
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		



WoodWorks Grille Walls

Fixture Options

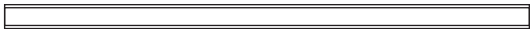
INTEGRATED LIGHTING

LIGHTING DIMENSIONS

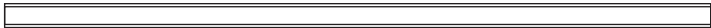
LENGTHS & WIDTHS *Custom lengths available*



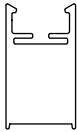
47" L



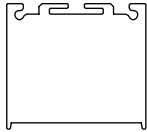
71" L



95" L



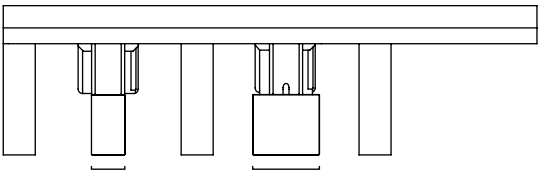
0.75" W



1.50" W

LIGHT PLACEMENT

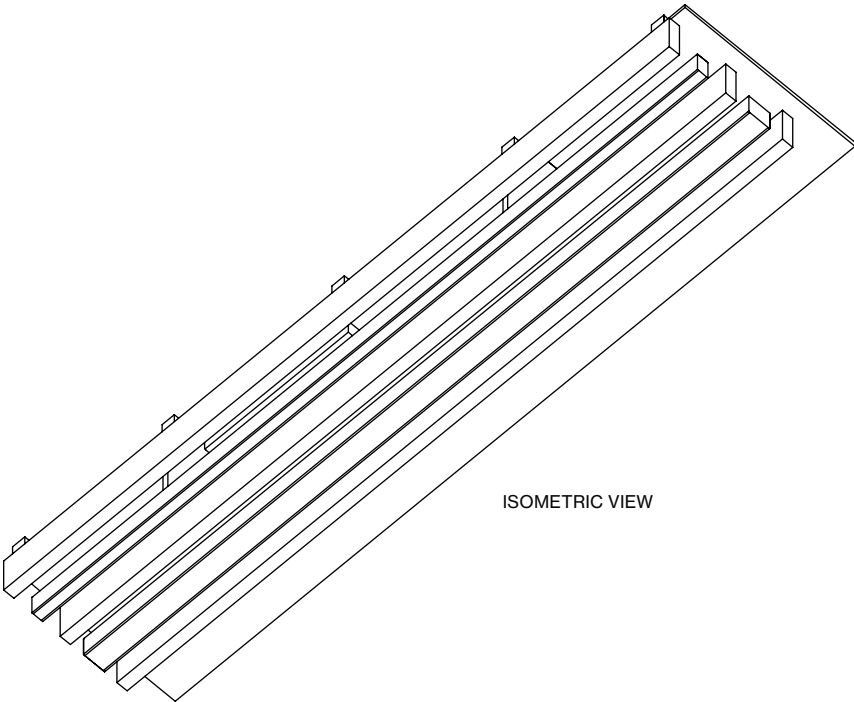
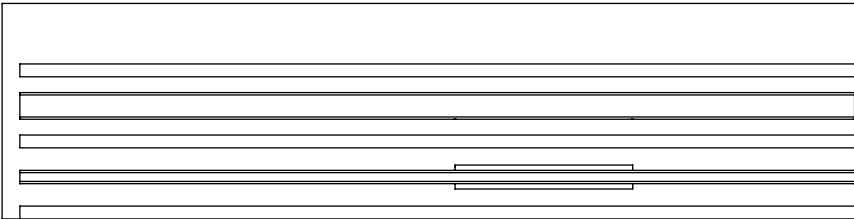
END VIEW



0.75"

1.50"

FRONT VIEW



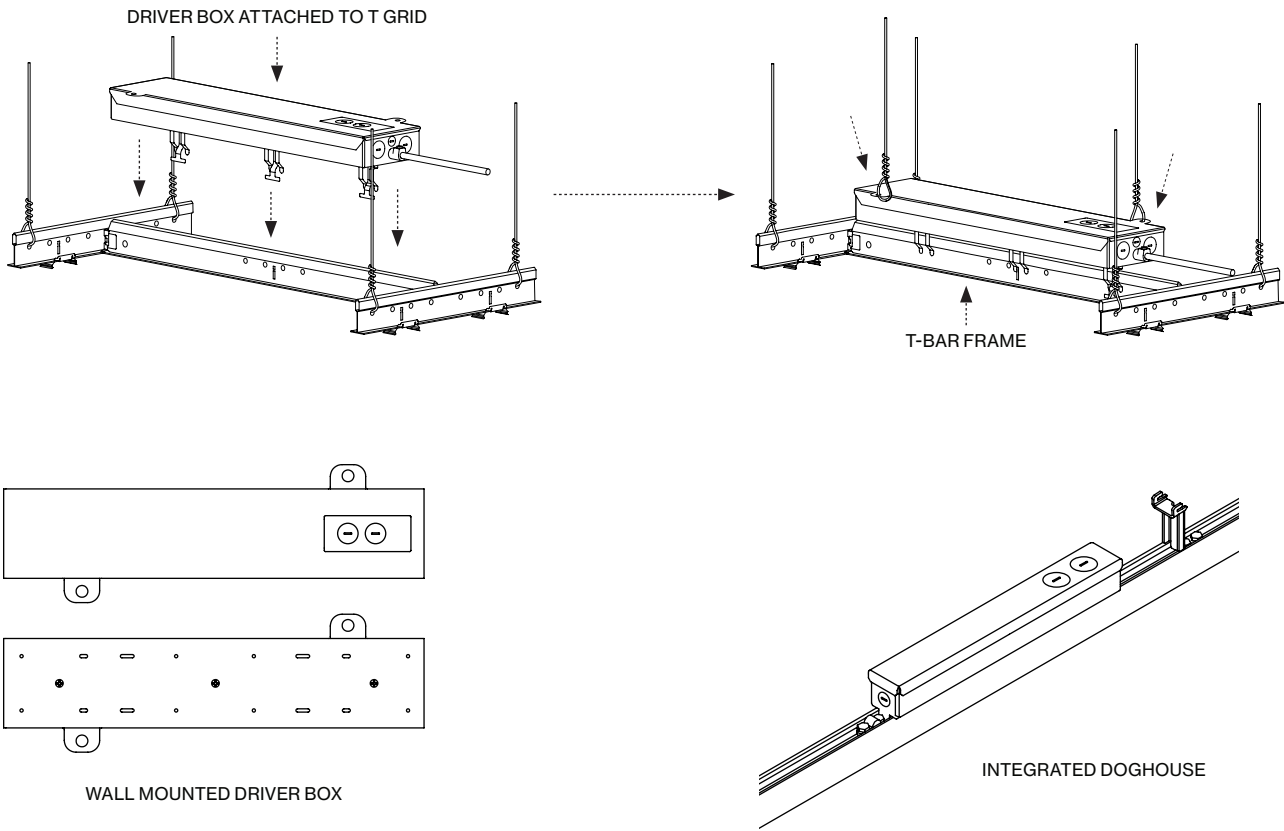
ISOMETRIC VIEW



WoodWorks Grille Walls

INTEGRATED LIGHTING

DRIVER PLACEMENTS



WoodWorks Grille Walls

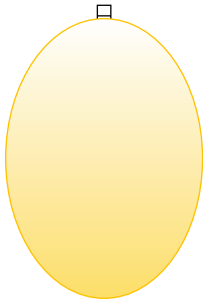
Lighting Details

INTEGRATED LIGHTING

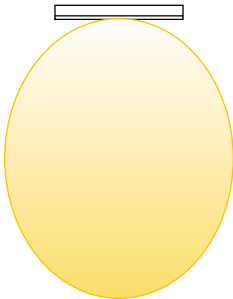
LIGHT DISTRIBUTION OPTIONS

Consult factory or lightart.com for IES files, tested in accordance with IESNA LM79

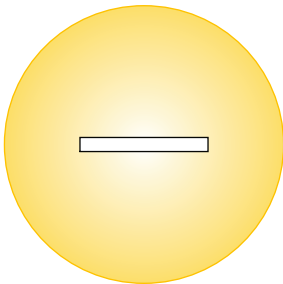
END VIEW



SIDE VIEW



TOP 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

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 = $L_1 \times C_m \times$ where:

L_1 = (Lumen output at 3500K / 90 CRI) $\times$

C_m = (Color Temp. / CRI Multiplier) $\times$

Example:

850LM / 4000K / 90CRI

$(850) \times (1.03) \times = 875.5\text{LM}$

SPECIFICATION CODE

Example: 2 QTY AIL-WOOD-WALLS-CLSS-CP2-1.50-95L-935CK-700LM-LEC-RMT

QTY.

LAI-LW-WALLS-

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

ARMSTRONG® WOODWORKS® SENSORIA™ - BLADES

CLSS

ARMSTRONG® WOODWORKS® GRILLE CLASSICS

2

PANEL SLAT HEIGHT

CP1

1.375"
Available for CLSS only

CP2

2.25"
Available for CLSS only

SEP2

2.50"
Available for SENS only

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 Armstrong® WoodWorks® Sensoria™ - Blades)

35L*

35" LENGTH
Custom Armstrong® WoodWorks® Sensoria™ - Blades panels required, consult Armstrong's ProjectWorks® Design Services

47L

47" LENGTH
Works with standard Armstrong® WoodWorks® Sensoria™ - Blades wall light integration panels

59L*

59" LENGTH
Custom Armstrong® WoodWorks® Sensoria™ - Blades panels required, consult Armstrong's ProjectWorks® Design Services

71L

71" LENGTH
Works with standard Armstrong® WoodWorks® Sensoria™ - Blades wall light integration panels

83L*

83" LENGTH
Custom Armstrong® WoodWorks® Sensoria™ - Blades panels required, consult Armstrong's ProjectWorks® Design Services

95L

95" LENGTH
Works with standard Armstrong® WoodWorks® Sensoria™ - Blades wall light integration panels

CRL

CUSTOM RUN LENGTH
Custom runs from 3' to 200' in 1' increments available

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
Doghouse driver compatible

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