# OPTIMA® Radial

## Custom Lay-in & Tegular Ceiling System
fine texture

SUSTAIN®
High Performance
Sustainable
Ceiling Systems
(PB Suffix Only)



Optima® Radial Custom White with Prelude® XL® 15/16" custom suspension system

plus capabilities to do more



armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

**Fine-texture panels designed for dramatic installations requiring outstanding acoustical performance.**

### KEY SELECTION ATTRIBUTES

- Outstanding acoustical performance in both Articulation Class 190-200 and NRC 0.90-0.95
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Optima® PB panels are part of the Sustain® portfolio, and meet the most stringent industry sustainability compliance standards today
- Mold- and mildew-resistant surface
- Energy-saving high light-reflective finish
- Sag-resistant large panels
- 30-Year Limited System Warranty against visible sag, and mold and mildew
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

### COLOR

White
(WH)

### DETAILS







1. Optima® Square Lay-in
2. Optima® Square Tegular

TechLine 877 276-7876
armstrongceilings.com/optimaradial

Armstrong®
World Industries

# OPTIMA® Radial

## Custom Lay-in & Tegular Ceiling System
fine texture

SUSTAIN®
High Performance
Sustainable Ceiling Systems
(PB Suffix Only)

Declare.

RECYCLED CONTENT
UP TO 71%

LEED V5
Ecomedes Data

COMMON MATERIALS FRAMEWORK

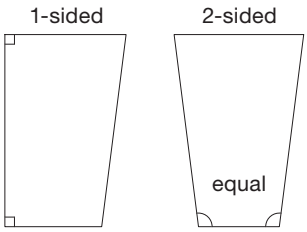
| | | | |
|---|---|---|---|
| Human Health | Declare Label | Climate Health | EPD |
| | HPD | Ecosystem Health | EPD |
| | 3rd Party CDPH | Circular Economy | ✓ |
| OCCUPANT EXPERIENCE | | Acoustics | ✓ |

## OPTIMA® RADIAL SYSTEM OVERVIEW

$$$$

| | Panels | Length | Width | System Capabilities | Suspension System |
|---|---|---|---|---|---|
| OPTIMA® Radial | Custom Trapezoid Lay-in<br>Custom Trapezoid Tegular | 6" intervals from 24"-66" | 12"-48" | Meets taper up to 5°<br>Minimum inside radius 12"<br>Center must be a separate component | Interlude®, Suprafine®, Prelude® (accessible) with custom cross tees |

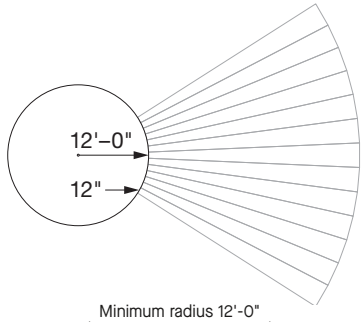
**NOTE:** Optima Radial ceiling panels are available in both fiberglass and fiberglass made with a plant-based binder depending on project sustainability requirements.




One-sided or symmetrical two-sided trapezoid

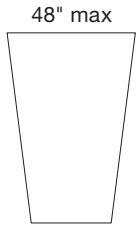
**One-sided:**
- Refer to Optima® Radial Technical Guide for additional capabilities

**Two-sided:**
- Each tapered side MUST be symmetrical
- Refer to Optima Radial Technical Guide for additional capabilities



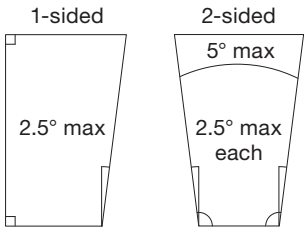

Minimum radius 12'-0"
(12" minimum panel edge)

**Minimum Radius:**
- The minimum achievable radius is 12'. This is based on a minimum panel edge of 12" with the maximum tapers noted below
- Optima Radial panels CANNOT be used inside this 12' radius – drywall may be a suitable alternative



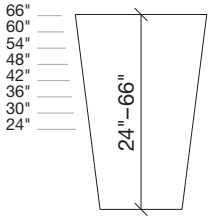

Width 12"-48"

**Width:**
- Trapezoid panels are available in widths from 12" to 48"




Taper maximum 2.5° angle per side

**Taper:**
- The maximum taper angle per side for all trapezoids is 2.5 degrees
- For two-sided trapezoids, the taper angle must be equal on both sides (i.e., symmetrical) for a maximum of 5 degrees




Length 24"-66" in 6" increments

**Length:**
- 8 lengths are available in the following 6" increments: 24," 30," 36," 42," 48," 54," 60," and 66"

## PHYSICAL DATA

**Material**
Fiberglass with DuraBrite® acoustically transparent membrane with or without CAC backing
Fiberglass with plant-based binder and DuraBrite® acoustically transparent membrane (PB Suffix Only)

**Surface Finish**
DuraBrite with factory-applied latex paint

**Fire Performance**
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL® labeled).

**ASTM E1264 Classification**
Type B, Form B2, Pattern E
Fire Class A

**VOC Emissions**
(PB suffix items only)
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL™ Building Challenge, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

**Humidity/Sag Resistance**
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Anti-Mold/Mildew**
Ceiling tiles with BioBlock® performance resist the growth of mold and mildew on the tile surface.

**High Recycled Content**
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

**Insulation Value**
3/4" – R Factor – 3.0 (BTU units) 0.53 (Watts units)
1" – R Factor – 4.0 (BTU units) 0.70 (Watts units)
1-1/2" – R Factor – 6.0 (BTU units) 1.05 (Watts units)

**Weight; Square Feet/Carton**
Sizes, weight, and square feet vary with order

**30-Year Performance Guarantee & Warranty**
When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

**Minimum Order Quantity**
1 carton

FIBERGLASS – Custom

TechLine / 1 877 276-7876
armstrongceilings.com/optimaradial

BPCS-4630-126

LEED® is a registered trademark of the U.S. Green Building Council; Living Building Challenge® (LBC) is a registered trademark of the International Living Future Institute®; WELL™ and WELL Building Standard are trademarks of the International WELL Building Institute; UL is a trademark of UL LLC; all other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates © 2026 AWI Licensing LLC

Armstrong® World Industries