

USG Ceilings Plus® BARZ® + BRILLIANCE™

BAFFLES WITH INTEGRATED LINEAR LED SOLUTION



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To order samples, contact your local sales representative



Downward Accessible Installation

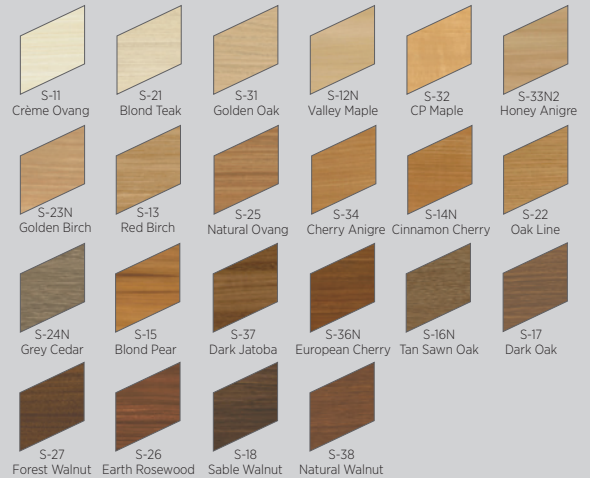
FEATURES AND BENEFITS

- Barz® baffles are now available with Brilliance™ lighting - a fully integrated linear LED lighting solution!
- Still fully accessible panelized cassette system with torsion spring grid attachment.
- Fully customizable.
- Fully integrated lighting reduces coordination & installation time with easy-to-specify BOM.
- Create custom ambient experiences with high-end lighting options, including Circadian and tunable white.
- Full Lighting calculation & design support available.

APPLICATIONS

- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- New Construction
- Downward Accessible

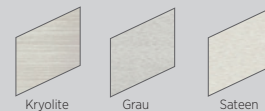
SARANTE® - FAUX WOOD VENEER ON METAL



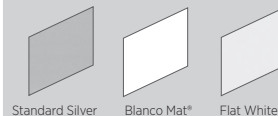
ARBOREAL® - REAL WOOD VENEER ON METAL PANEL



ANODIZED - ON METAL



PAINTED - ON METAL



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ORDER SAMPLES/LITERATURE
Contact your local sales rep.

TECHNICAL SERVICES
Contact your local sales rep.






FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
Contact your local sales rep.

Declare. Declare® Labels on select finishes, see usg.com for more details and documentation.

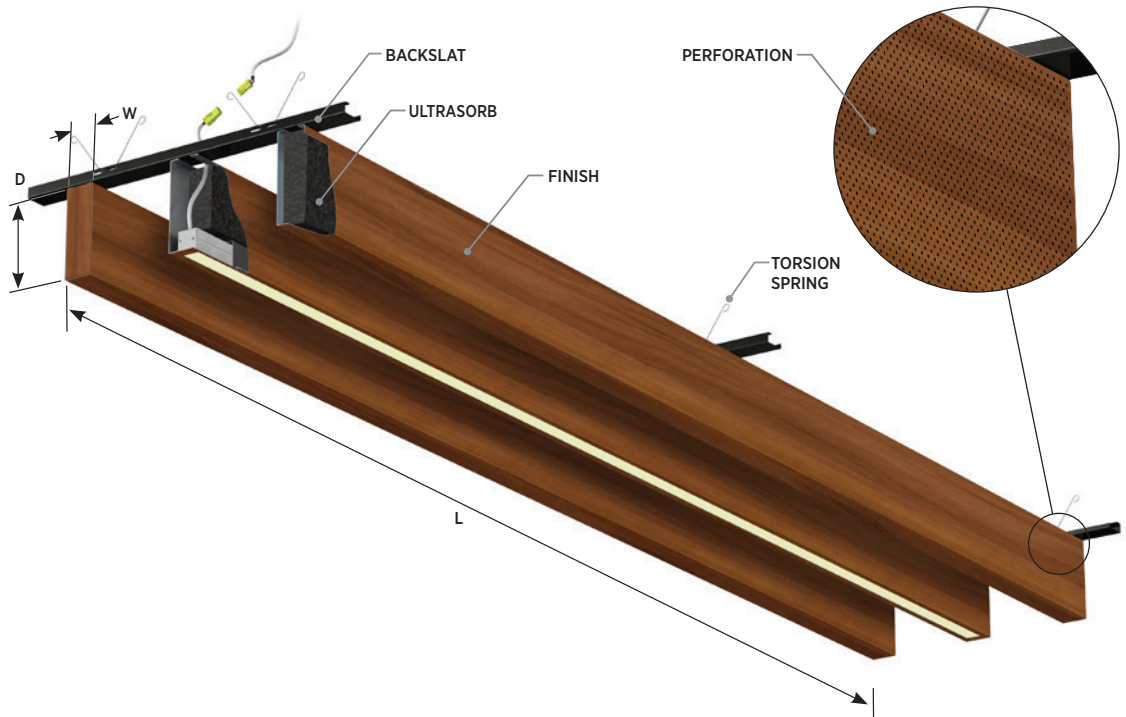
PERFORMANCE OPTIONS (Lighting Components)

Application	Integration	Approvals	Operating Voltage	Certification	Dimming	Light Output @ 3000K	Average Power Consumption (for 8' section)	Efficacy Lm/W	Maximum Run Length (in series)	CRI
Interior	Full Integrated Design, Full Factory Installed Product	Class 1 & 2 Damp Listed	24 VDC	 UL Listed	 Dimmable 0-10V, DMX	393 lm/ft	5.9 W/ft	67	16 Feet per 96 Watt driver	92

PERFORMANCE OPTIONS (Ceiling Components)

Application	Grid Options	Finishes	Accessibility	Acoustics	Array-NRC¹	Perforation	Fire Rating	Recycled Content	Maintenance
Interior	 Torsion Spring Tee Grid	Sarante, Arboreal, Anodized, Painted	Full Downward	Ultrasorb	 Up to 1.00 (Requires Ultrasorb and perforations)	 Custom	 Class A	 Up to 90%, finish dependent (hardware excluded)	See architectural specification

DESIGN PARAMETERS



BAFFLE SIZE GUIDELINES

- Maximum length is 8'
- Maximum width is 10" / max height of 12"
- Minimum width is 2" / min height of 4"
- Consult factory for custom panel size possibilities

LIGHTING COLOR OPTIONS

- 3500 Kelvin (K)
- 4000 Kelvin (K)
- TW (Tunable White - 2700K to 5200K)
- Circadian (Wellness Lighting)

PHYSICAL DATA

Additional documents and resources:
Please contact your local sales representative for the following documents:

Architectural Specification
Installation Manual: IC329952, IC5465
Cleaning Instructions: IC518
Check Sheet (Order Form)
Warranty: SC2102

Fire Classification:
Barz® product line is class A in accordance with ASTM E84.

Suspension System
Supporting main tees are classified as Heavy Duty as classified per ASTM C635 when tested in accordance with ASTM E3090 and AC368.

Seismic Compliance
Suspension System is included in ICC ES ESR 1222 for use in Seismic Design Categories A through F when installed according to ASTM C636 and ASTM E580. Alternate installation methods may be used when designed by a registered engineer and approved by the authority having jurisdiction. Test reports for suspension system performance may be available upon request.

Integration
Barz® can accommodate a full range of LED lighting fixtures for any design intent. Air diffusers, speakers, sprinklers, and other ceiling attached accessories can also be integrated as well (independently suspended). CAD details are available online at www.ceilingplus.com.

Modifications:
Cassette systems are easily modified in the field with our template tools. These tools which provide easy precision cutting are standard supplied parts with each order. See our installation manual for details.

1. Array-NRC is calculated per ASTM C423 and varies with Barz® profile size, spacing of baffles, perforation pattern, and acoustic backer / infill material. Perforated Barz® spaced closely together with acoustic infill provide higher Array-NRC.

Notice
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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

