

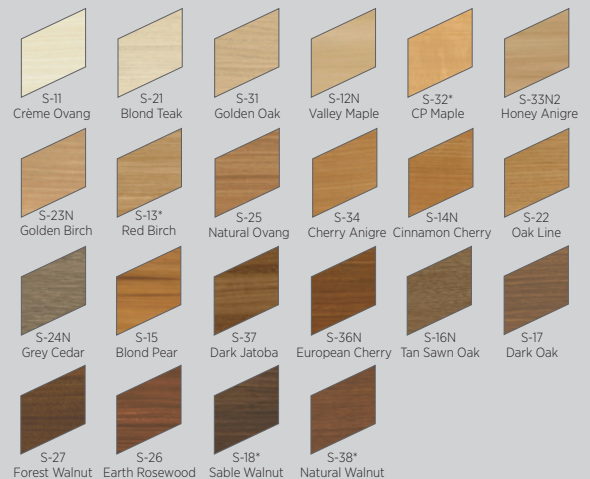
# USG Ceilings Plus® BARZ® + BRILLIANCE™

BAFFLES WITH INTEGRATED LINEAR LED SOLUTION

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To order samples, contact your local sales representative

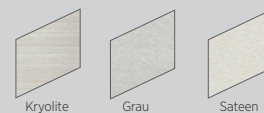
## SARANTE® - PVC FREE LAMINATE - ON METAL



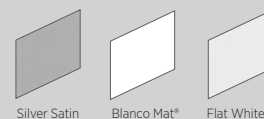
## ARBOREAL® - REAL WOOD VENEER ON METAL PANEL



## ANODIZED - ON METAL



## PAINTED - ON METAL



\*Available in exterior



## 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 and installation time with easy-to-specify BOM.
- Create custom ambient experiences with high-end lighting options, including Circadian and tunable white.
- Full Lighting calculation and design support available.

## APPLICATIONS

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

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ORDER SAMPLES/LITERATURE  
Contact your local sales rep.

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



TECHNICAL SERVICES  
Contact your local sales rep.

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

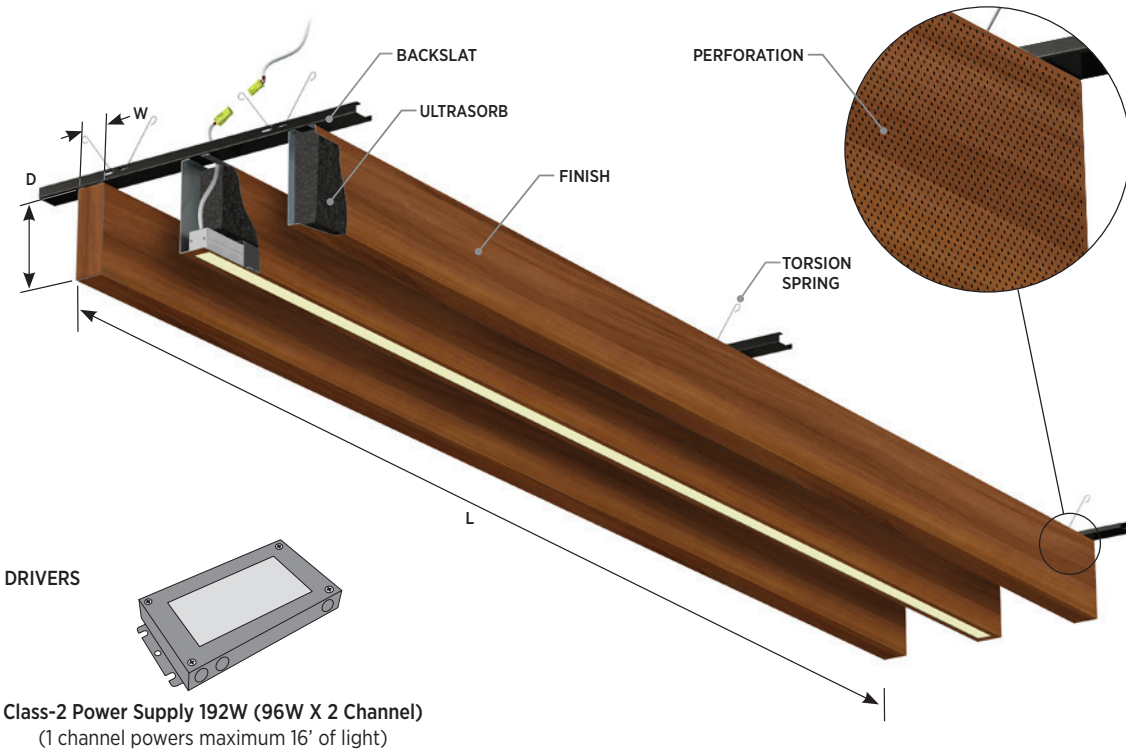
PERFORMANCE OPTIONS  
(Ceiling Components)

| 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 ASTM E84 CAN/ULC S102 |  Up to 90%, finish dependent (hardware excluded) | See architectural specification |

PERFORMANCE OPTIONS  
(Lighting Components)

| Application | Integration  | Approvals                 | Operating Voltage | Certification   | Dimming   | Light Output @ 3500K | Average Power Consumption (for 8' section) | Efficacy Lm/W | CRI | R9 |
|-------------|--|---------------------------|-------------------|---|---|----------------------|--|---------------|-----|----|
| Interior    | Full Integrated Design, Full Factory Installed Product | Class 2 Damp Rated (IP67) | 24 VDC            |  UL Listed |  Dimmable Universal | 419 lm/ft            | 5.9 W/ft                                   | 71            | 97  | 95 |

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 (CCT)

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

PHYSICAL DATA

**Additional Documents and Resources**  
Architectural Specification  
Installation Manual: IC329952, IC5465  
Cleaning Instructions: IC518  
Check Sheet (Order Form)  
Warranty: SC2102

**Fire Classification**  
ASTM E84 and CAN/ULC S102 surface-burning characteristics (with Acoustibond backer)  
Class A  
Flame spread: 25 or less  
Smoke developed: 50 or less

**Suspension System**  
Supporting main tees are classified as Heavy Duty as classified per ASTM C635 when tested in accordance with ASTM E3090 and AC308.

**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](http://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.

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