

USG Ceilings Plus® Design Solutions

BARZ® + BRILLIANCE™

BAFFLES WITH INTEGRATED LINEAR LED SOLUTION



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To order samples, contact your local sales representative

FINISHES

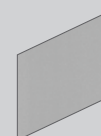
PAINTED - ON METAL



Blanco Mat®



Matte Black



Silver Satin

SARANTE® - PVC FREE LAMINATE - ON METAL



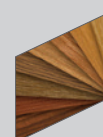
S-22
Oak Line



S-15
Blond Pear



S-37
Dark Jatoba



Full Sarante®
offering
available as
a premium

ACOUSTICS



Ultrasorb
(infill or lay-in)

PERFORATION



CD06310 (SD-7)
10% Open
(perforated on
sides of baffle)

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.
- This pre-engineered offering of SKU's ships in 8 weeks or less.*
- Fully integrated lighting reduces coordination and installation time with easy-to-specify BOM.
- Static white color temperatures 3500K or 4000K options with IES files and AGI32/Revit database objects available.
- Full lighting layout calculations and design.

APPLICATIONS

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

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TECHNICAL SERVICES
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FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
AND LEED REPORT TOOL
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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®, Painted	Full Downward	Ultrasorb	 0.75 (Ultrasorb infill) / 1.40 (Ultrasorb infill + lay-in)	 CD06310 (SD-7)	 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 2-96W Damp Rated (IP67)	24 VDC	 UL Listed	 Dimmable Universal	419 lm/ft	5.9 W/ft	71	97	95

DESIGN PARAMETERS

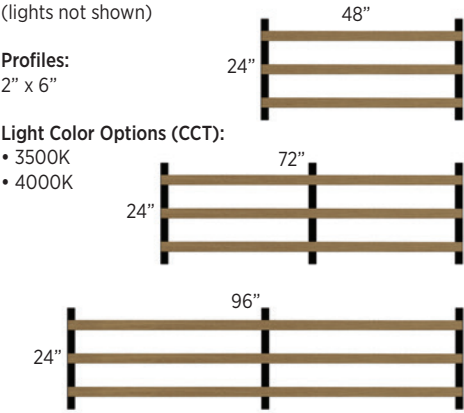
Single Light Option
(Lighted baffles may be detached and rearranged during installation)




Double Light Option



3 Size Modules:
(lights not shown)



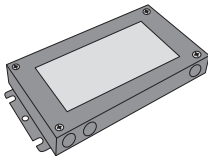
Profiles:
2" x 6"



Light Color Options (CCT):

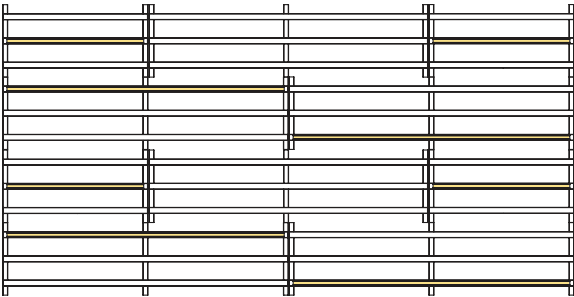
- 3500K
- 4000K

DRIVERS



Class-2 Power Supply 192W (96W X 2 Channel)
(1 channel powers maximum 16' of light)

REFERENCE LAYOUT:
• 24" x 48" (4)
• 24" x 96" (6)



PHYSICAL DATA

Additional Documents and Resources
Architectural Specification
Installation Manual: IC329952, IC5465
Cleaning Instructions: IC518
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.

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.

***Lead Times**
For projects up to 2500 square feet.
1. Array-NRC is calculated per ASTM C423 for the specific Barz® assembly identified.

Notice
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