

# AIRCORAL®



Flangeless Wall/Ceiling & Surface Mount Fixtures, from:



BUZZI & BUZZI

designplan 

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# AirCoral Certification



## PRODUCT TESTING SERVICE

100 Clemson Research Blvd. Anderson, SC 29625 Tel (864) 646-TILE Fax (864) 646-2821

March 9, 2011

Buzzi & Buzzi  
Via Milano 17  
20060 Pozzo D'adda (MI)  
Italy

Dear Buzzi & Buzzi:

As per your request, Tile Council of North America is pleased to provide you with the following summary of test results from the testing services you contracted from our Product Performance Laboratory previously issued in test report number TCNA-362-10 on material you provided and designated "AIRCORAL."

- ❖ Test results generated from performing test method ISO 27447 (*Test method for antibacterial activity on semiconducting photocatalytic materials*) showed that in all of the samples tested, there was no survival of bacteria after eight hours in either UV-irradiated or dark test conditions. Ref.: Report number TCNA-362-10, October 21, 2010.
- ❖ Based on test results using test method UNI 11259 (*Determination of photocatalytic activity of hydraulic binders, Rhodamine B method*), the samples tested showed evidence of the ability to degrade organic pollutants. Ref.: Report number TCNA-362-10, November 18, 2010.
- ❖ In closed chamber studies, n-hexane was degraded from an initial concentration by 17.4 ppm in the presence of a test sample versus only 7.6 ppm concentration decrease for a generic wall tile. Ref.: Report number TCNA-362-10, January 18, 2011.

If you have any further questions or require any further clarification on the test methodologies, please do not hesitate to contact us. It has been a pleasure to work with you on this project. On behalf of our staff, we thank you for the opportunity to provide these testing services to you.

Sincerely,

Jyothi Rangineni, PhD

Research Scientist

Testing Services: [testing@tileusa.com](mailto:testing@tileusa.com) Literature Orders: [literature@tileusa.com](mailto:literature@tileusa.com) Web Site: [www.tileusa.com](http://www.tileusa.com)

This report is confidential and has been prepared for the exclusive use of the client. It is not an endorsement, approval, certification, or criticism of any product by TCNA. This report shall not be published in any form without prior written consent from TCNA.

## AirCoral is...



Antibacterial



Photocatalytic



Pollutant Degrading



NON-EXPANDING



NON-TOXIC



NOT FLAMMABLE



PAINTABLE



THERMALLY RESISTANT



ANTI-ALLERGIC



HIGHLY RESISTANT TO TEMPERATURE



DUST REPULSIVE



LOW THERMIC CONDUCTIBILITY



ABSENT OF CHEMICAL REACTIVITY



UV RESISTANT



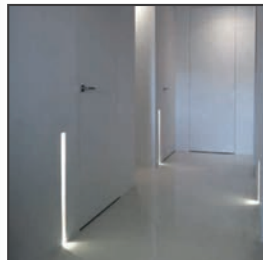
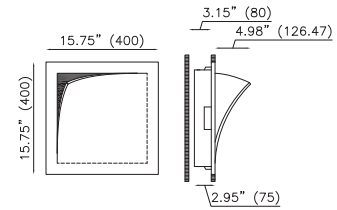
A WHITE SATINY SURFACE

# Flangeless Wall Mount



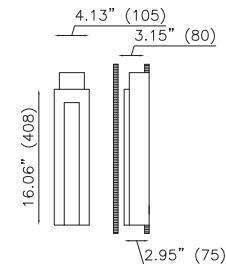
## LEAF

- Recessed wall LED luminaire
- Remote dimmable driver
- 6.2W 350mA LED
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*



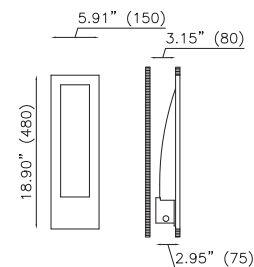
## RAZOR

- Recessed wall LED luminaire
- Remote dimmable driver
- 2W 500mA LED modular system
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*



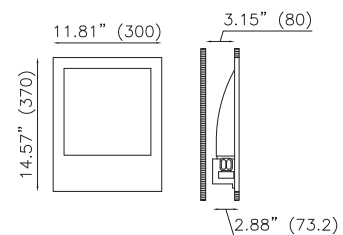
## GHOST

- Recessed wall LED luminaire
- 5W 350mA LED integral driver or
- 7W 500mA LED remote driver
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*

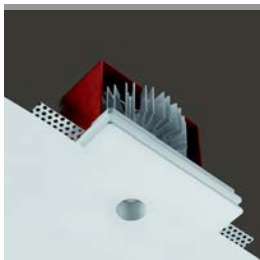


## SPIRIT

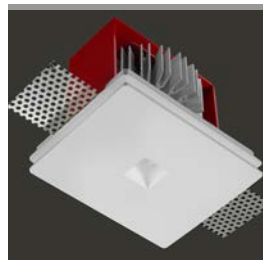
- Recessed wall LED luminaire
- Integral dimmable driver
- 6.2W 350mA LED
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*



# Flangeless Recessed Downlight



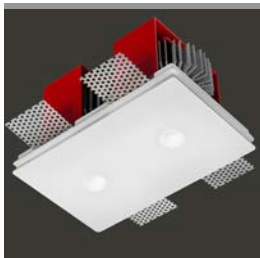
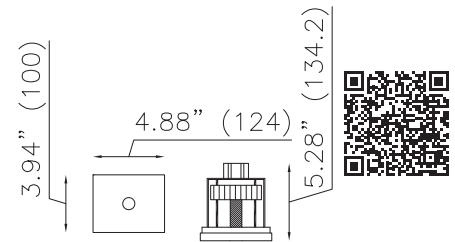
GENIUS



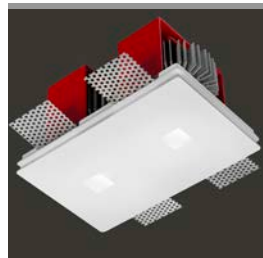
GENIUS SQUARE

## GENIUS

- Recessed ceiling LED luminaire
- Remote dimmable driver
- 6W 500mA LED
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*



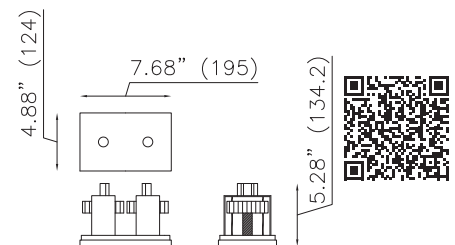
GENIUS TWIN



GENIUS TWIN SQUARE

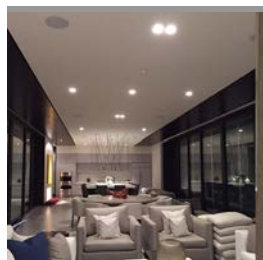
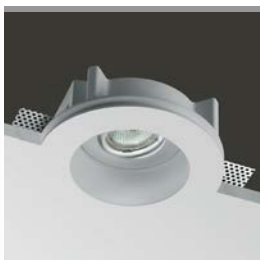
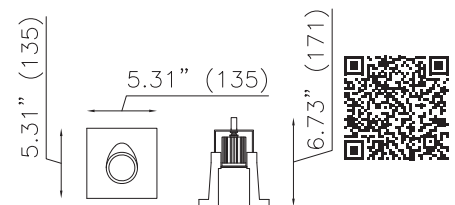
## GENIUS TWIN

- Recessed ceiling LED luminaire
- Remote dimmable driver
- 2x6W 500mA LED
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*



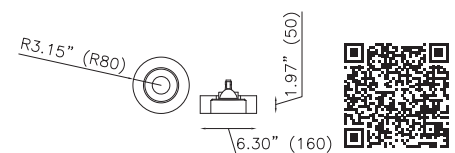
## EGGY

- Recessed ceiling LED luminaire
- Remote dimmable driver
- 10W 500mA LED
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*



## RING

- Recessed ceiling LED luminaire
- Remote dimmable driver
- 10W 500mA LED
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*

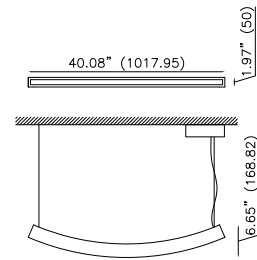


# Surface Mount



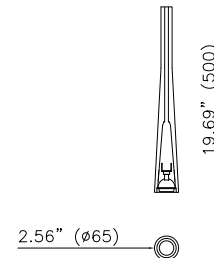
## ZEN

- Surface pendant LED luminaire
- Integral dimmable driver (surface canopy)
- Remote 24vDC 30W LED (recessed canopy)
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*



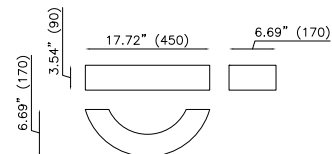
## FUNNEL

- Surface pendant LED luminaire
- Integral dimmable driver
- 10W 120v LED
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*



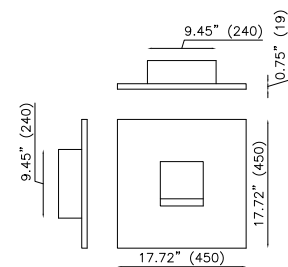
## PONTE GRANDE

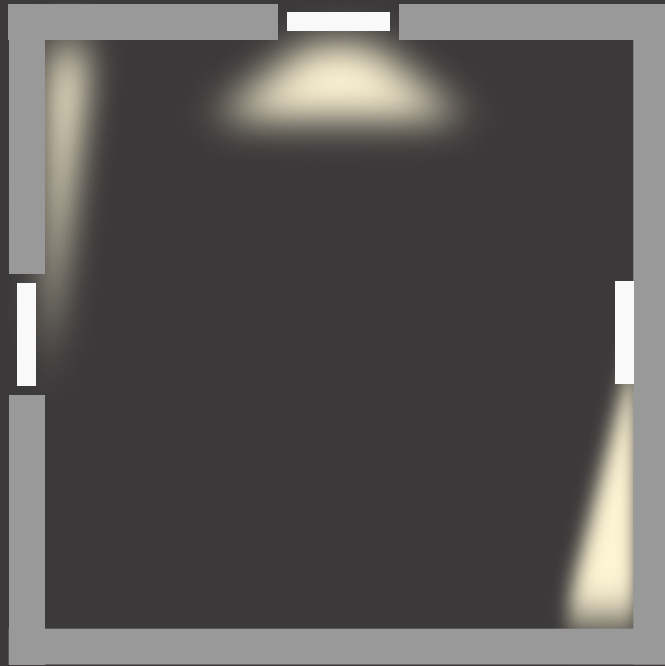
- Surface mount LED luminaire
- Integral dimmable driver
- 6.2W 350mA LED
- Body in an unfinished surface
- Suitable for painting
- AirCoral helps purify the air
- AirCoral is a LEED certified material\*



## FRAME

- Surface mount LED luminaire
- Integral dimmable driver
- 6.2W 350mA LED
- Body in an unfinished surface
- Suitable for painting
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