GENIUS TWIN SQUARE

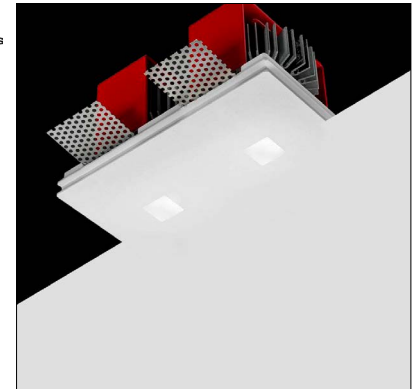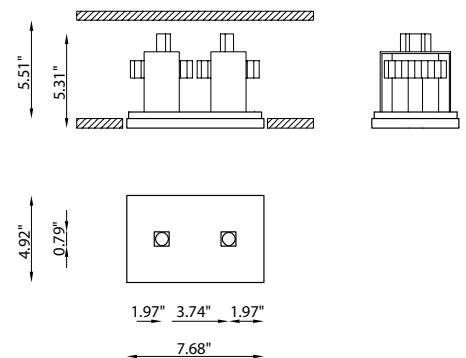**designplan**

Genius Twin Square is a rectangular recessed LED downlight made of AirCoral® with a double aperture each less than 1.0" x 1.0". It is suitable for installation on plasterboard or brick ceilings and has a 40° optic.

TECHNICAL DATA

Wattage / Input	2 x 8.5W (700mA)
Power Supply	Remote, not included. See page 2.
Construction	Body: AirCoral®
CCT	3000K
CRI	>80
Delivered Lumens	606 lm per beam (3000K)
Efficacy	71.2 lm/W per beam
Optics	40°
Finishes	AirCoral® - unfinished
Fixture Dimensions	7.68" l x 4.92" w x 5.31" h
Cut-out Dimension	8.07" x 5.31"
Aperature	0.79" x 0.79"
Fixture Weight	4.41 lbs
IP Rating	IP20

The body is made of Aircoral® a unique patented composite material that actually purifies the air. It can be calculated how many cubic feet each fixture will purify. See website for Aircoral® calculator.

Additionally, Aircoral® is:
   Antibacterial.
   Antifungal.
   Scratch-resistant.
   Dust-resistant.
   Suitable for painting.
   LEED recognized material.

Fixture Dimensions

ORDERING INFORMATION
Example: BU1854.AC.US. Power Supplies ordered separately.

BU1854	.	AC	.	US

Model No.	Finish	
BU1854	**AC** - AirCoral®	**US**

Job Name/Date:

Fixture Type Designation:

SUGGESTED POWER SUPPLIES

700mA

Part Number	Description	Input/Output	# of Fixtures
PPLT00465-P	0-10V Dimming to 0.1%	120-277VAC to 700mA, 20W, Class 2	1-1
PPLT00215	0-10V Dimming to 10%	120VAC to 700mA, 30W, Class 2	1-1
PPLT00467-P	0-10V Dimming to 1.0%	120-277VAC to 700mA, 50W, Class 2	1-2
PPLT00538-P	0-10V Dimming to 0.1%	120-277VAC to 700mA, 100W, Class 2	1-4

Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00517	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 700mA, 27W, Class 2	1-1
PPLT00181	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 700mA , 38W, Class 2	2-2

For other power supply options consult factory.

Job Name/Date:

Fixture Type Designation:

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2 of 2