GENIUS SQUARE BRASS

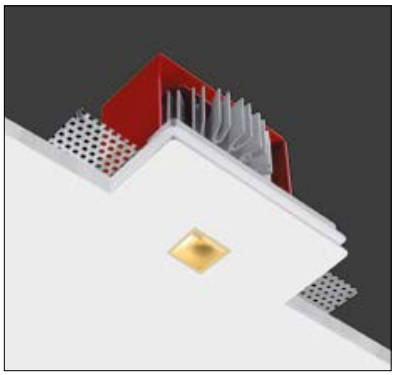
designplan®

datasheet

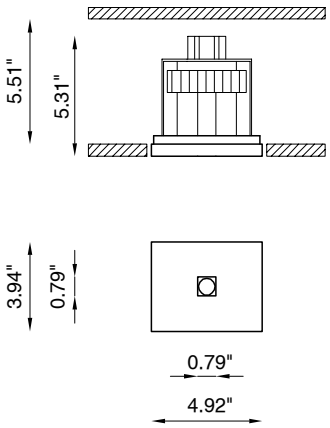
Genius Square Brass is a small and powerful recessed LED downlight with an aperture less than 1” in diameter that has a brass insert fitted around the light emission hole helping to spread a warmer tone and variegated shades suitable for relaxed ambience situations. Easy access to LED module via a unique spring loaded mechanism. JA8-2016 Certified and can be used in IC, Chicago Plenum ceilings. For concrete pour ceilings, see Genius Concrete in the Outdoor catalog.

Intertek

JA8-2016



Ceiling Cut-Out: 5.31” x 4.33”
Fixture Dimensions:



TECHNICAL DATA

Wattage / Input	6W (500mA)
Power Supply	Remote, not included. See page 2.
Construction	Body: AirCoral® Frame: Steel Aluminum Heat Sink
CCT	3000K (2700K, 4000K on request)
CRI	>90
Delivered Lumens	606 lm (3000K)
Efficacy	71.2 lm/W
Optics	40° Wide Beam
Finishes	Unfinished, Brass Inner Collar
Cut-Out Dimensions	5.31” x 4.33”
Fixture Dimensions	4.92” x 3.94” x 5.31” h
Aperture	0.79” sq.
Fixture Weight	1.76 lbs
LED Source	1 COB LED Removalable Cartridge
IP Rating	IP20
JA8	Certified

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.*

ORDERING INFORMATION

Example: BU1895.AC.4R40M.30.WD.US Accessories / Power Supplies ordered separately.

BU1895	.	AC	.	4R40M	.		.	WD.US

Model No.	Finish	Optic	CCT	
BU1895	**AC** - AirCoral®	**4R40M** - 40°	**30** - 3000K (standard) **27** - 2700K (on request) **40** - 4000K (on request)	**WD.US**

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

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SUGGESTED POWER SUPPLIES

JA8 Compatible (Also for General Use)

Part Number	Description	Input/Output	# of Fixtures
PPLT00466-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 10W, Class 2, DAMP	1 - 1

SUGGESTED POWER SUPPLIES

500mA *(Not JA8 Compatible)*

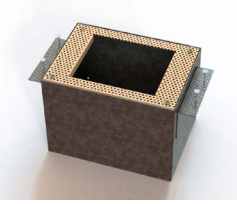
Part Number	Description	Input/Output	# of Fixtures
PPLT00497	Phase Dim (120V only)	120VAC to 500mA, 12W, Class 2, DAMP	1 -1
PPLT00465-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 20W, Class 2, DAMP	1 - 3
PPLT00309-P	0-10V Dimming to 0.1%	120-277VAC to 500mA, 50W, Class 2, DAMP	1 - 4
PPLT00561-P	0-10V Dimming to 1.0%	120-277VAC to 500mA, 100W, Class 2	1 - 4

Suggested Lutron Compatible *(Not JA8 Compatible)*

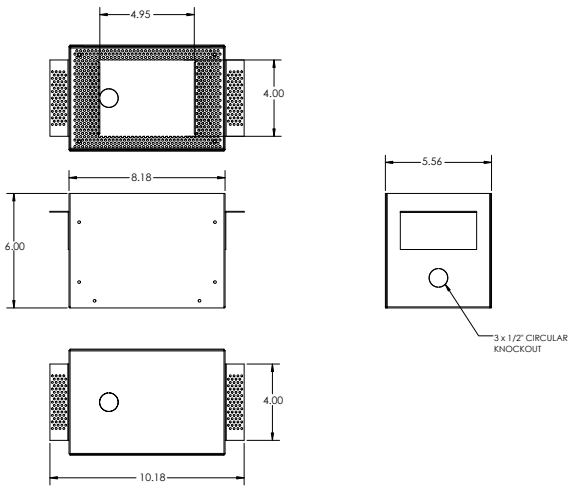
Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00259	L3DAE / L3DA3W	L3DA	100%-1%	Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 500mA, 10W	1 - 1
PPLT00676	PEQ0E	PEQ0	100%-0.1%	Hi-Lume Premier 0.1% EcoSystem™ F2B LED Driver	120-277VAC to 500mA, 20W	1 - 3
PPLT00180	L3DAE / L3DA3W	L3DA	100%-1%	Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 500mA, 27W	3 - 4

For other power supply options consult factory.

ACCESSORIES - Installation



BR1855 - __
Back Box
Include one of the below options:
LT - IC Rated / JA8 Rated
LT-C - Chicago Plenum



REPLACEMENT BULBS

Example: PPLL00492.US.

Model No.
PPLL00528.US - Replacement Lamps - 2700K, 40°
PPLL00492.US - Replacement Lamps - 3000K, 40°
PPLT00567.US - Replacement Lamps - 3500K, 40°

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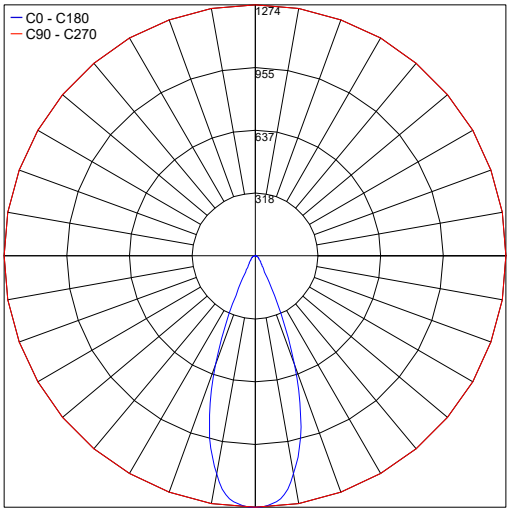
PHOTOMETRIC DATA

Maximum Candela = 1274



PHOTOMETRIC FILENAME : GENIUS SQUARE BRASS 1895.AC 8.5W 700MA 3K.IES

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