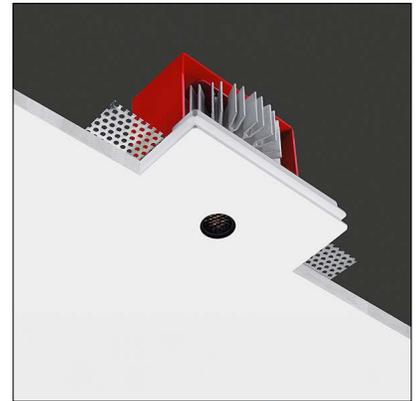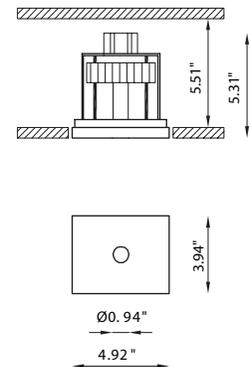# GENIUS HONEYCOMB

Genius Honeycomb is the small, powerful recessed LED downlight Genius with a honeycomb screen guaranteeing glare free brightness. With an aperture less than 1" in diameter, it offers easy access to LED module via a unique spring loaded mechanism. JA8-2016 Certified and can be used in IC, Chicago Plenum ceilings.

JA8-2016

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	563 lm (3000K)
Efficacy	66.2 lm/W
Optics	24°, 40°
Finishes	AirCoral® Plaster - Unfinished
Cut-Out Dimensions	5.31" x 4.33"
Fixture Dimensions	4.92" x 3.94" x 5.31" h
Aperture	Ø0.94"
Fixture Weight	1.76 lbs
LED Source	1 COB LED Removable Cartridge
IP Rating	IP65
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.

Fixture Dimensions:

5.51" / 5.31"

3.94"

Ø0.94"

4.92"

ORDERING INFORMATION

Example: BU1838.AC.4R 24 M 30 WD.US. Accessories / Power Supplies ordered separately.

BU1838.AC 4R			WD.US

Model No.	**Optics**	**CCT**	
BU1838.AC 4R	**24 M** - 24° **40 M** - 40°	**27** - 2700K **30** - 3000K **40** - 4000K	**WD.US**

Job Name/Date: *Fixture Type Designation:*

sales@designplan.com
www.designplan.com

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Published: March 4, 2026

P: 908-996-7710
F: 908-996-7042
1 of 3

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
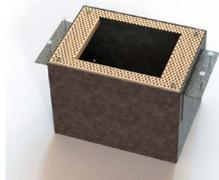### 500mA *(Not JA8 Compatible)*

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

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.
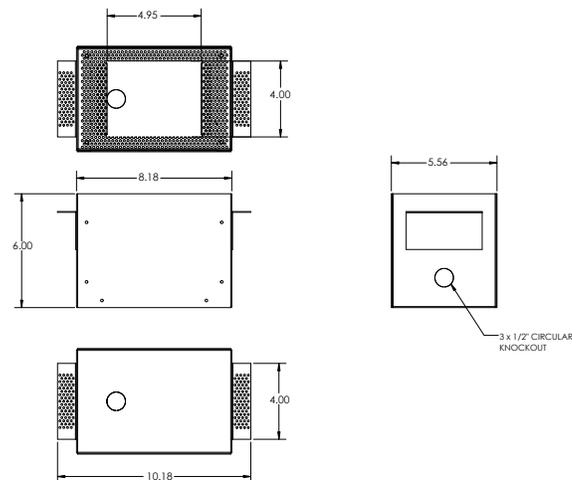
ACCESSORIES - Installation

BR1855__
Back Box
Include one of the below options:
LT - IC Rated / JA8 Rated
LT-C - Chicago Plenum

REPLACEMENT BULBS
Example: PPLL00492.US

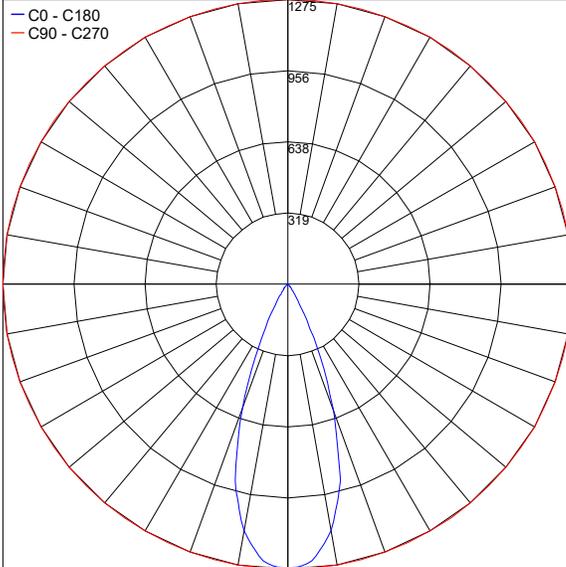| Model No. |
|---|
| **PPLL00528.US** - Replacement Lamps - 2700K, 40° |
| **PPLL00492.US** - Replacement Lamps - 3000K, 40° |
| **PPLT00567.US** - Replacement Lamps - 3500K, 40° |

4.95
4.00
8.18
6.00
5.56
3 x 1/2" CIRCULAR KNOCKOUT
4.00
10.18

Job Name/Date:

Fixture Type Designation:

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www.designplan.com

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2 of 3

GENIUS HONEYCOMB

PHOTOMETRIC DATA

Note: all photometry is 3000K

Maximum Candela = 1275.0

- C0 - C180
- C90 - C270

PHOTOMETRIC FILENAME : GENIUS HONEYCOMB 8.5W 40° 30K - BU1838.IES

Job Name/Date:

Fixture Type Designation: