

# GENIUS CURVE

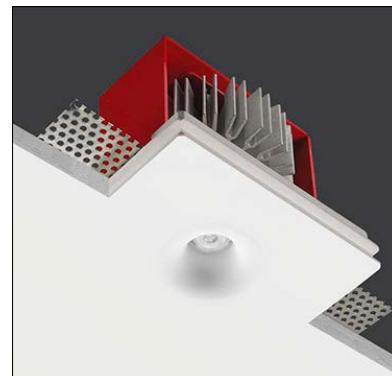
designplan®

datasheet

Genius Curve is a small and powerful recessed LED downlight with an aperture less than 1" in diameter. Easy access to LED module via a unique spring loaded mechanism. JA8-2016 Certified and can be used in IC, Chicago Plenum, or concrete pour ceilings.



JA8-2016



## TECHNICAL DATA

<b>Wattage / Input</b>	6W (500mA)
<b>Power Supply</b>	Remote, not included. See page 2.
<b>Construction</b>	Body: AirCoral® Frame: Steel Aluminum Heat Sink
<b>CCT</b>	3000K (2700K, 4000K on request)
<b>CRI</b>	>90
<b>Delivered Lumens</b>	606 lm (3000K)
<b>Efficacy</b>	71.2 lm/W
<b>Optics</b>	24°, 40°
<b>Finishes</b>	Unfinished
<b>Cut-Out Dimensions</b>	5.31" x 4.33"
<b>Fixture Dimensions</b>	4.92" x 3.94" x 5.31" h
<b>Aperture</b>	Ø0.79"
<b>Fixture Weight</b>	1.76 lbs
<b>LED Source</b>	1 COB LED Removable Cartridge
<b>IP Rating</b>	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.

## ORDERING INFORMATION

Example: BU1891.AC.424M.27.WD.US. Accessories / Power Supplies ordered separately.

BU1891	AC			WD.US
<b>Model No.</b>	<b>Material</b>	<b>Optics</b>	<b>CCT</b>	<b>WD.US</b>
BU1891	AC - AirCoral®	424M - 24° 440M - 40°	30 - 3000K (standard) 27 - 2700K (on request) 40 - 4000K (on request)	WD.US

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

500mA (Not JA8 Compatible)

Part Number	Description	Input/Output	# of Fixtures
<a href="#">PPLT00497</a>	Phase Dim (120V only)	120VAC to 500mA, 12W, Class 2, DAMP	1 - 1

JA8 Compatible (Also for General Use)

Part Number	Description	Input/Output	# of Fixtures
<a href="#">PPLT00465-P</a>	0-10V Dimming to 1.0%	120-277VAC to 500mA, 20W, Class 2, DAMP	1 - 3
<a href="#">PPLT00309-P</a>	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
<a href="#">PPLT00259</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 500mA, 10W	1 - 1
<a href="#">PPLT00676</a>	PEQ0E	PEQ0	100%-0.1%	Hi-Lume Premier 0.1% EcoSystem™ F2B LED Driver	120-277VAC to 500mA, 20W	1 - 3

For other power supply options consult factory.

## ACCESSORIES - Installation



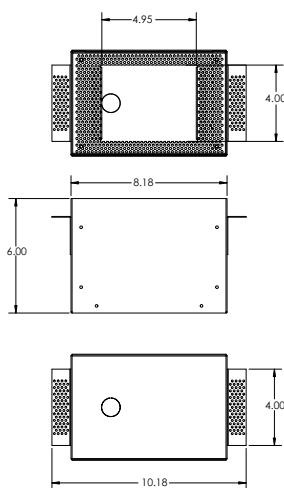
**BR1855 -**

Back Box

Include one of the below options:

LT - IC Rated / JA8 Rated

LT-C - Chicago Plenum



## REPLACEMENT BULBS

Example: [PPLL00492.US](#).



### Model No.

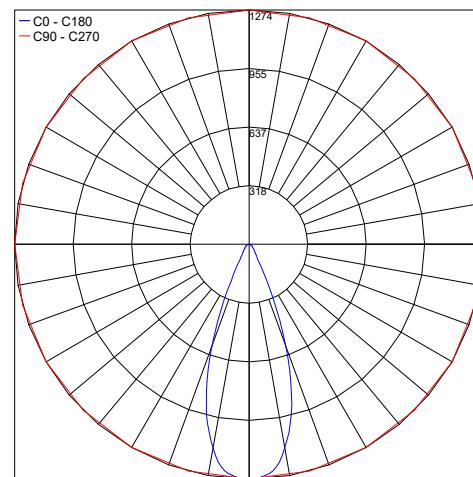
[PPLL00528.US](#) - Replacement Lamps - 2700K, 40°

[PPLL00492.US](#) - Replacement Lamps - 3000K, 40°

[PPLT00567.US](#) - Replacement Lamps - 3500K, 40°

## PHOTOMETRIC DATA

Maximum Candela = 1274



Job Name/Date:

Fixture Type Designation: