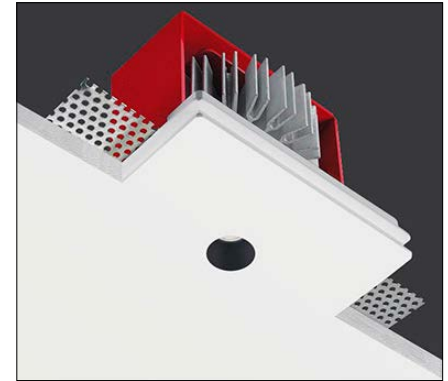


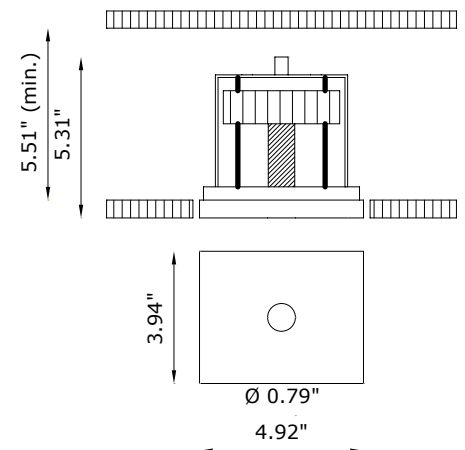
Genius Black is a small and powerful recessed LED downlight with an aperture less than 1" in diameter. Easy access to LED module via a unique spring loaded mechanism. JA8-2016 Certified and can be used in IC, Chicago Plenum ceilings. For concrete pour ceilings, see Genius Concrete in the Outdoor catalog.



## TECHNICAL DATA

|                           |   |
|---------------------------|---|
| <b>Wattage / Input</b>    | 8.5W (700mA)  |
| <b>Power Supply</b>       | Remote, not included. See page 2.                     |
| <b>Construction</b>       | Body: AirCoral®<br>Frame: Steel<br>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>             | 40°   |
| <b>Finishes</b>           | Black inner collar                                    |
| <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  |
| <b>JA8</b>                | Certified   |

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



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: BU1871.AC.US. Accessories / Power Supplies ordered separately.

|  |               |
|--|---------------|
| <b>BU1871</b>  | <b>.AC.US</b> |
| <b>Model No.</b>   |               |
| <b>BU1871</b> (3000K standard)<br>(2700K, 4000K on request)<br><b>*All CCT are JA8 Certified</b> | AirCoral®     |

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

JA8 Compatible (Also for General Use)

| Part Number                 | Description           | Input/Output             | # of Fixtures |
|-----------------------------|-----------------------|--------------------------|---------------|
| <a href="#">PPLT00466-P</a> | 0-10V Dimming to 1.0% | 120-277VAC to 700mA, 10W | 1 - 1         |

JA8 Compatible - Lutron Compatible (Also for General Use)

| Part Number               | Option | Lutron SKU | Dim Range | Description   | Input/Output         | # of Fixtures |
|---------------------------|--------|------------|-----------|---|----------------------|---------------|
| <a href="#">PPLT00512</a> | LTEA2W | LTEA       | 100%-1%   | Hi-lume™ 1% 2-wire LED Driver (120V forward phase only) | 120VAC to 700mA, 14W | 1 - 1         |

## SUGGESTED POWER SUPPLIES

700mA (Not JA8 Compatible)

| Part Number                 | Description           | Input/Output             | # of Fixtures |
|-----------------------------|-----------------------|--------------------------|---------------|
| <a href="#">PPLT00498</a>   | Phase Dim (120V only) | 120VAC to 700mA, 12W     | 1 - 1         |
| <a href="#">PPLT00465-P</a> | 0-10V Dimming to 1.0% | 120-277VAC to 700mA, 20W | 1 - 2         |
| <a href="#">PPLT00308-P</a> | 0-10V Dimming to 0.1% | 120-277VAC to 700mA, 30W | 1 - 3         |
| <a href="#">PPLT00480-P</a> | 0-10V Dimming to 1.0% | 120-277VAC to 700mA, 30W | 1 - 3         |
| <a href="#">PPLT00309-P</a> | 0-10V Dimming to 0.1% | 120-277VAC to 700mA, 50W | 1 - 4         |
| <a href="#">PPLT00467-P</a> | 0-10V Dimming to 1.0% | 120-277VAC to 700mA, 50W | 1 - 4         |

Suggested Lutron Compatible (Not JA8 Compatible)

| Part Number               | Option         | Lutron SKU | Dim Range | Description                                   | Input/Output             | # of Fixtures |
|---------------------------|----------------|------------|-----------|---|--------------------------|---------------|
| <a href="#">PPLT00515</a> | L3DAE / L3DA3W | L3DA       | 100%-1%   | Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 700mA, 14W | 1 - 1         |
| <a href="#">PPLT00517</a> | L3DAE / L3DA3W | L3DA       | 100%-1%   | Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 700mA, 27W | 2 - 3         |
| <a href="#">PPLT00181</a> | L3DAE / L3DA3W | L3DA       | 100%-1%   | Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 700mA, 38W | 3 - 4         |

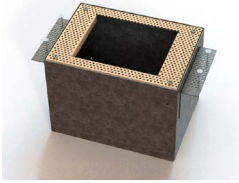
For other power supply options consult factory.

Job Name/Date:

Fixture Type Designation:

## ACCESSORIES

### Installation



**BR1855** - \_\_\_

Back Box

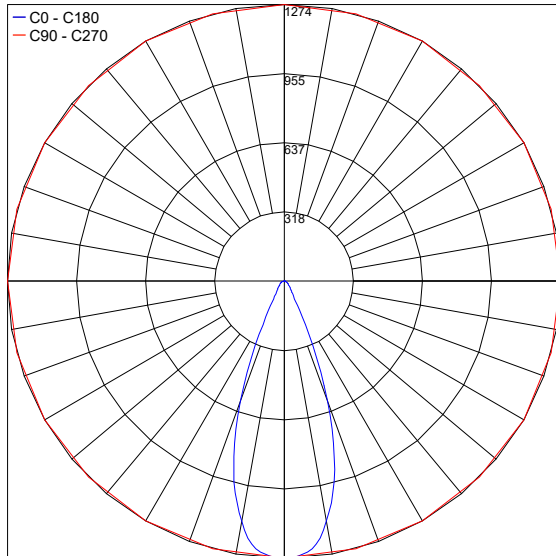
*Include one of the below options:*

**LT** - IC Rated / JA8 Rated

**LT-C** - Chicago Plenum

## PHOTOMETRIC DATA

Maximum Candela = 1274



Job Name/Date:

Fixture Type Designation: