

Genius Kelvin is a small and powerful recessed LED downlight, with an aperture less than 1" in diameter, offered in color temperatures other than the normal Genius (2200K, 2700K, 3500K). Easy access to LED module via a unique spring loaded mechanism. JA8-2016 Certified and can be used in IC, Chicago Plenum ceilings.

## TECHNICAL DATA

|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| <b>Wattage / Input</b>    | 6W (350mA)                                            |
| <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>                | 2200K, 2400K, 3500K                                   |
| <b>CRI</b>                | >90                                                   |
| <b>Delivered Lumens</b>   | 421 lm (3500K)                                        |
| <b>Efficacy</b>           | 70.2 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                                                  |
| <b>JA8</b>                | 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: BU1874.AC.4R40M.35.WD.US. Accessories / Power Supplies ordered separately.

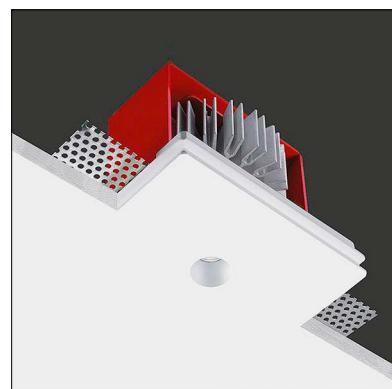
|                  |                 |                            |                                        |       |
|------------------|-----------------|----------------------------|----------------------------------------|-------|
| BU1874           | AC              |                            |                                        | WD.US |
| <b>Model No.</b> | <b>Material</b> | <b>Optics</b>              | <b>CCT</b>                             |       |
| BU1874           | AC - AirCoral®  | 4R24M - 24°<br>4R40M - 40° | 22 - 2200K<br>24 - 2400K<br>35 - 3500K | WD.US |

Job Name/Date:

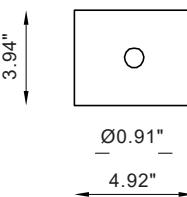
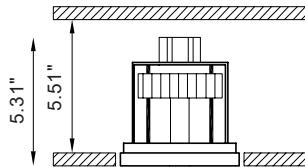
Fixture Type Designation:



JA8-2016



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



## 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 350mA, 10W, Class 2, DAMP | 1 - 1         |

## SUGGESTED POWER SUPPLIES

350mA (Not JA8 Compatible)

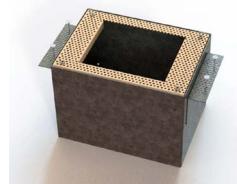
| Part Number                 | Description           | Input/Output                            | # of Fixtures |
|-----------------------------|-----------------------|-----------------------------------------|---------------|
| <a href="#">PPLT00498</a>   | Phase Dim (120V only) | 120VAC to 350mA, 12W, Class 2, DAMP     | 1 - 1         |
| <a href="#">PPLT00465-P</a> | 0-10V Dimming to 1.0% | 120-277VAC to 350mA, 20W, Class 2, DAMP | 1 - 2         |
| <a href="#">PPLT00309-P</a> | 0-10V Dimming to 0.1% | 120-277VAC to 350mA, 50W, Class 2, DAMP | 1 - 2         |
| <a href="#">PPLT00561-P</a> | 0-10V Dimming to 0.1% | 120-277VAC to 350mA, 50W, Class 2       | 1 - 3         |

Suggested Lutron Compatible (Not JA8 Compatible)

| Part Number               | Option         | Lutron SKU | Dim Range | Description                                   | Input/Output             | # of Fixtures |
|---------------------------|----------------|------------|-----------|-----------------------------------------------|--------------------------|---------------|
| <a href="#">PPLT00247</a> | L3DAE / L3DA3W | L3DA       | 100%-1%   | Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 350mA, 7W  | 1-1           |
| <a href="#">PPLT00516</a> | L3DAE / L3DA3W | L3DA       | 100%-1%   | Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 350mA, 13W | 1-2           |

For other power supply options consult factory.

## ACCESSORIES - Installation



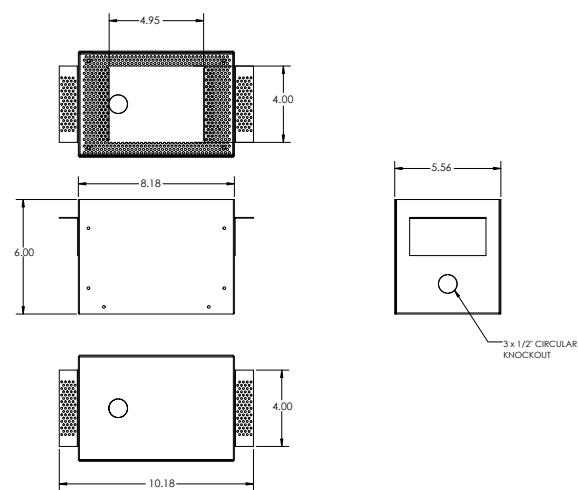
**BR1855 -**

Back Box

Include one of the below options:

LT - IC Rated / JA8 Rated

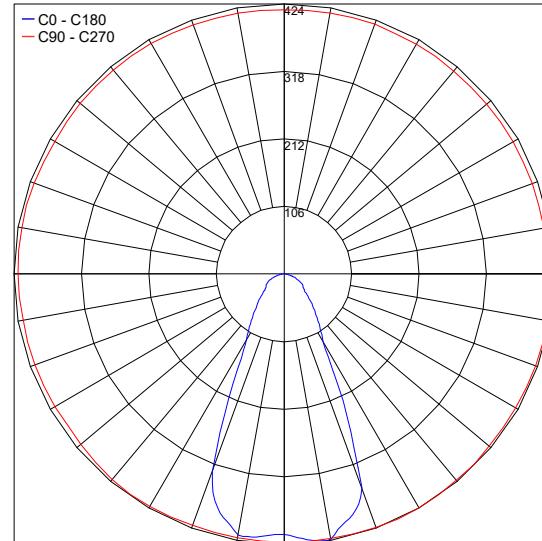
LT-C - Chicago Plenum



## PHOTOMETRIC DATA

Note: Photometry is 3500K

Maximum Candela = 423.5



Job Name/Date:

Fixture Type Designation: