

GENIUS SQUARE DIM TO WARM

Genius Square Dim to Warm is a small and powerful recessed LED downlight with an aperture less than 0.98" square, that provides a dim to warm (1800K-3000K) light. Easy access to LED module via a unique spring loaded mechanism. Can be used in IC, Chicago Plenum ceilings.

TECHNICAL DATA

Wattage / Input	6W (350mA)
Power Supply	Remote, not included. See page 2.
Construction	Body: AirCoral® Frame: Steel Aluminum Heat Sink
CCT	1800K-3000K
CRI	95
Delivered Lumens	380 lm (3000K)
Efficacy	63 lm/W (3000K)
Optics	40°
Finishes	Unfinished
Cut-Out Dimensions	5.31" x 4.33"
Fixture Dimensions	4.92" x 3.94" x 5.31" h
Aperture	0.98" x 0.98"
Fixture Weight	1.76 lbs
LED Source	1 COB LED Removable Cartridge
IP Rating	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.

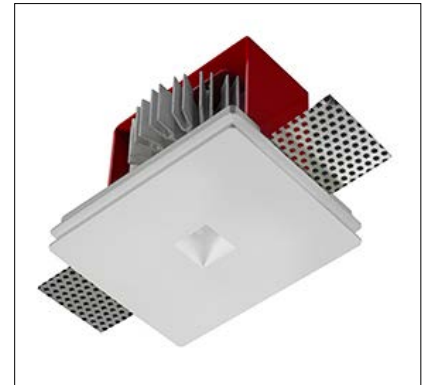
ORDERING INFORMATION

Example: BU1863.AC7R40U98WD.US. Accessories / Power Supplies ordered separately.

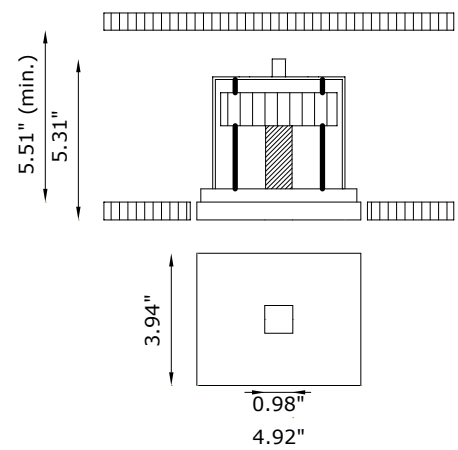
BU1863	AC	7R40U98	WD.US
Model No.	Finish		
BU1863	AC - AirCoral®	7R40U98	WD.US

Job Name/Date:

Fixture Type Designation:



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



SUGGESTED POWER SUPPLIES

350mA

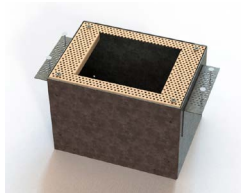
Part Number	Description	Input/Output	# of Fixtures
PPLT00496	Phase Dim (120V only)	120VAC to 350mA, 12W, Class 2	1 1
PPLT00263	Leading / Trailing Edge Dimming to 10% (120V only)	120-277VAC to 350mA, 32W, Class 2	2-2
PPLT00467-P	0-10V Dimming to 1.0%	120-277VAC to 350mA, 50W, Class 2, DAMP	1-2
PPLT00561-P	0-10V Dimming to 0.1% (4 channels)	120-277VAC to 350mA, 100W, Class 2	1-3

Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00247	L3DAE / L3DA3W	L3DA	100%-1%	Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 350mA, 7W	1 - 1
PPLT00516	L3DAE / L3DA3W	L3DA	100%-1%	Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 350mA, 13W	1 - 2
PPLT00179	L3DAE / L3DA3W	L3DA	100%-1%	Hi-lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 350mA, 19W	2 - 2

For other power supply options consult factory.

ACCESSORIES - Installation



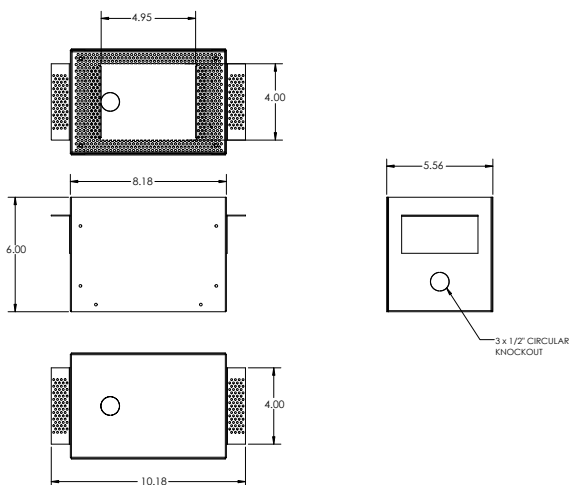
BR1855 - ___
Back Box
Include one of the below options:
LT - IC Rated
LT-C - Chicago Plenum

REPLACEMENT BULBS

Example: **MBDTW-18/30.JK.US**

Model No.

MBDTW-18/30.JK.US - Replacement Lamps Dim to Warm

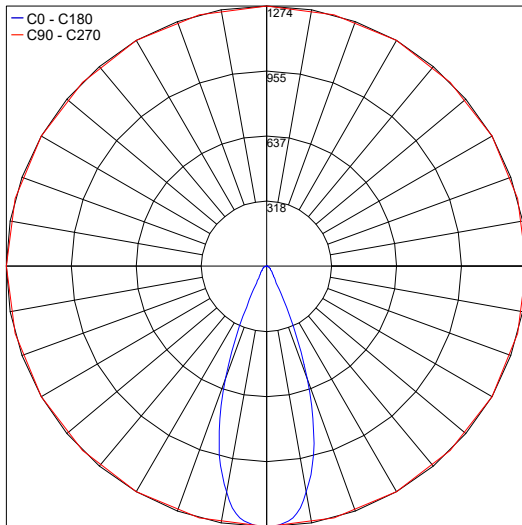


Job Name/Date:

Fixture Type Designation:

PHOTOMETRIC DATA

Maximum Candela = 1274



Job Name/Date:

Fixture Type Designation: