



# SNAP BRIGHT™

## 2nd Gen

### Retrofit Downlight



SKU #	Model #
157141	FXF01172E-12A5T90W

Beyond LED Technology's SNAP BRIGHT 2nd Gen LED Downlight is a high-performance, energy-efficient lighting solution designed for modern commercial and office environments. This versatile fixture features multiple adjustable color temperatures, allowing users to easily adjust the lighting ambiance to suit any setting. With Triac dimming capability, it provides smooth light control and energy savings. Engineered for convenience, the SNAP BRIGHT 2nd Gen includes butterfly clips for quick and secure installation, even in shallow plenum spaces. Its durable design ensures long-lasting performance, making it ideal for offices, commercial buildings, and retail spaces. Certified with ETL and Energy Star listings, this downlight ensures superior quality, safety, and reliability for every project.

### Product Features

- Up to 82 lm/W
- Available in 6"
- 12W
- Adjustable CCT
- TRIAC Dimming
- Input Voltage 120V AC
- 110° Beam Angle
- ETL, ES & Title 24 Listed
- DAMP location rated
- 5 years warranty

RETROFIT DOWNLIGHT

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SKU	WATT	MAX LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	SIZE	LIGHT SPREAD	CONSTRUCTION	DIMMING	CERTIFICATIONS
157141	12W	984	2700K/3000K/3500K/ 4000K/5000K	120V	>90	6"	110°	Aluminum+PC Lens	Triac	ETL, ES & Title 24

SKU: 157141 / 6"

### Specifications

Parameter	Description	Value
General Performance	Model #	FXF01172E-12A5T90W
	Watt	12W
	Max Lumen	984
	Lumen Efficacy	Up to 82LM/W
	Color Temperature	2700K / 3000K / 3500K / 4000K / 5000K
	CRI (Ra)	>90
	Light Spread	110°
	Diffuser Type	PC Lens
Electrical	Input Voltage	120Vac
	Frequency	50/60Hz
	Dimming	Triac Dimmable
	Power Factor	>0.9
	Driver Surge Protection	N/A
	Flicker Percent	Flicker Free
Physical	Operating Temperature	-20°C ~ +45°C
	Operating Humidity	≤80%RH
	Storage Temperature	-20°C ~ 65°C
	Storage Humidity	≤95%RH
	LED Brand	Lumileds
	LED Type	2835
	LED QTY	64 Pcs
Construction	Aluminum	
Qualification	Housing Color	White
	IP Rating	Damp Location
	Warranty	5 Years

RETROFIT DOWNLIGHT

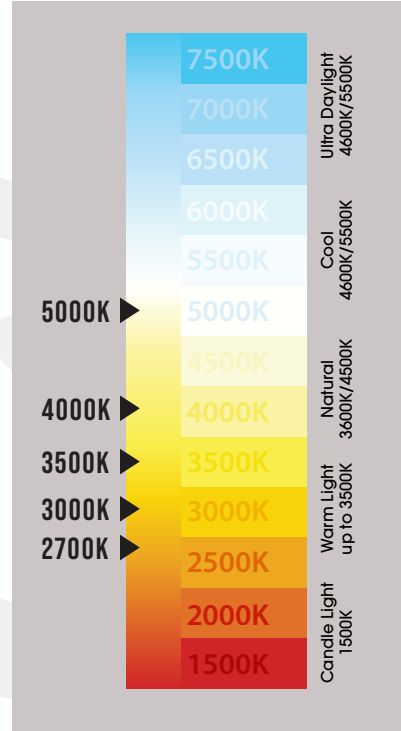


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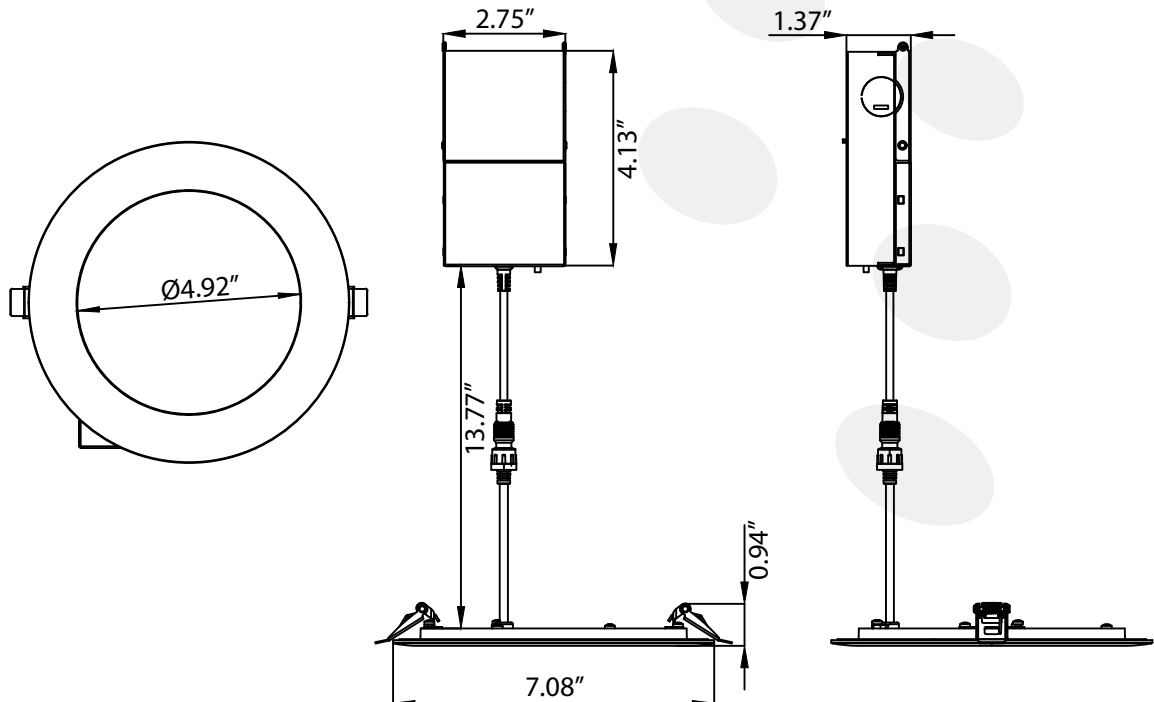
## 2nd Gen

### Retrofit Downlight

#### Correlated Color Temperature (CCT)



#### Dimensions



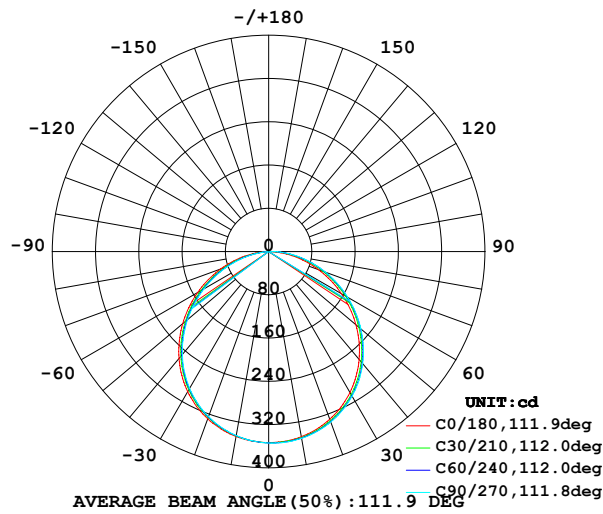
# SNAP BRIGHT™

## 2nd Gen Retrofit Downlight

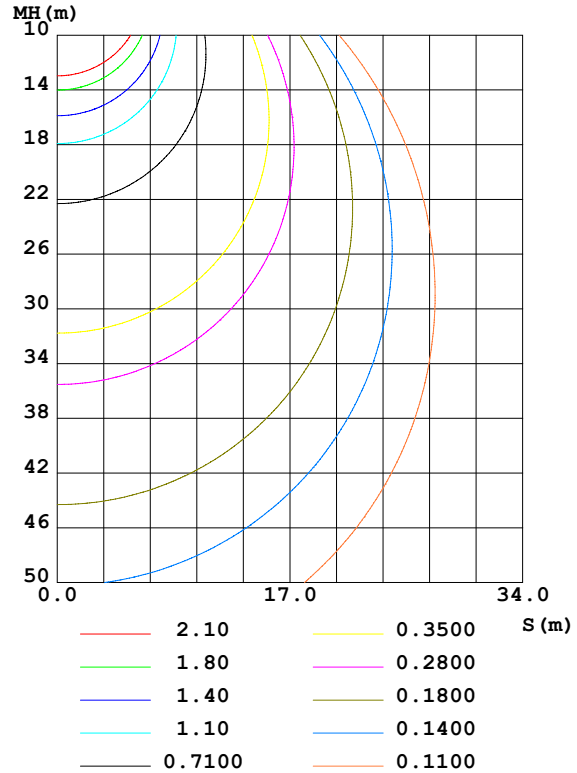


### Photometric Data

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



RETROFIT DOWNLIGHT



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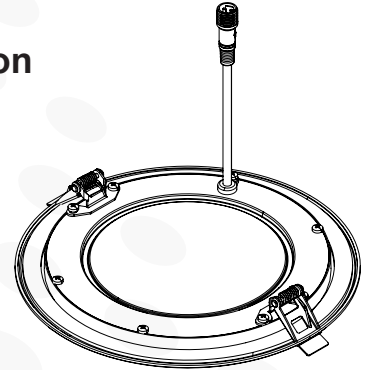
### Retrofit Downlight

#### Installation

#### ⚠ WARNING

#### Please Read All Instructions Before Attempting Installation

- THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS
- WARNING – RISK OF FIRE OR ELECTRIC SHOCK. INSTALLATION OF THIS RETROFIT KIT REQUIRES A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE LUMINAIRE'S ELECTRICAL SYSTEM AND THE HAZARD INVOLVED. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.
- DO NOT MAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.
- WARNING – TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
- MIN 90 °C SUPPLY CONDUCTORS.



#### Safety Precautions:

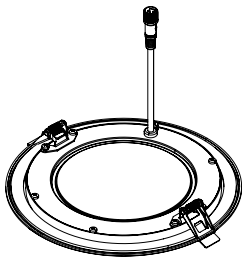
#### IMPORTANT:

READ CAREFULLY BEFORE INSTALLING THE FIXTURE. RETAIN FOR FUTURE REFERENCE.

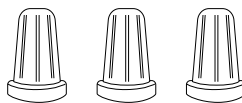
#### GENERAL:

Upon receipt of the fixture, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier.

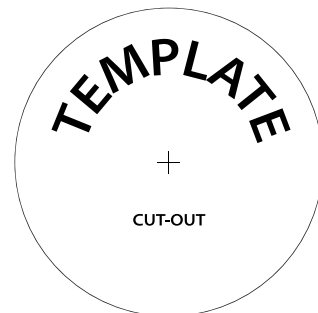
#### HARDWARE INCLUDED



Slim Downlight X 1



Wire Nuts X 3



Cut out template for canless install

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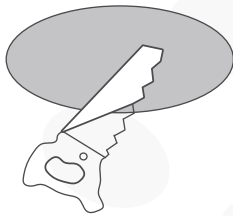
### Installation

#### Installation-Canless

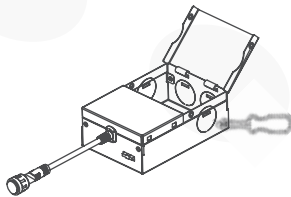
1. Turn Off Power. Before beginning the installation, make sure all power is off at the breaker box.
2. Select the location for the fixture. Ensure there is enough space for the fixture.

**Note:** Ensure that there is no joist on the desired location.

3. Cut the hole in the ceiling using the provided template.



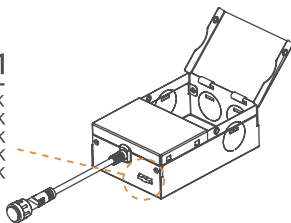
4. Remove the knock-out from the junction box using a screwdriver.



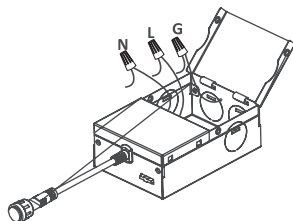
5. Pre-select the desired CCT by switching between 2700K, 3000K, 3500K, 4000K, 5000K.

#### 5 IN 1

- 2700K
- 3000K
- 3500K
- 4000K
- 5000K

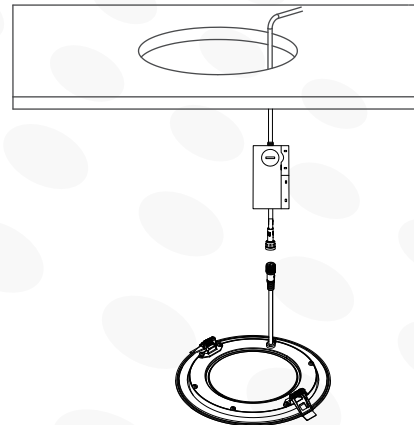


6. Feed the supply wires into the knockout. Ensure to use a 3/8 in. metal clap connector (not included). Connect power; black goes to black white to white and green to green. Use the wire nuts provided to ensure there is a secured connection.

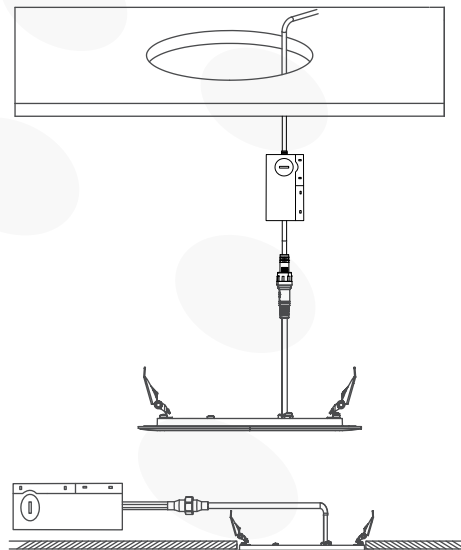


black ----- L  
white ----- N  
Copper wire ----- G

7. Place the electrical box through the cut-out hole in the ceiling and position it where desired.



8. Pull the spring clips on the slim microdisk up and gently guide through the ceiling hole until the clips snap.





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#### Packaging

SKU	Box Type	Box Dimension	Qty	Net Weight	Gross Weight
157141	Inner Box	7.28" x 2.95" x 7.28"	4 Pcs/Box	1.95 LBS	2.14 LBS
	Outer Box	13.97" x 9.84" x 8.07"	12 Pcs/Box	9.48 LBS	11.244 LBS

#### Application Image



#### Warranty

This product is covered under a 5-year warranty. For complete warranty details, [Click Here.](#)