

Juno Mini LED Downlights and Gimbals, energy-efficient fixtures for limited-space applications.

The IC-Rated Mini LED Downlight and Gimbal fixtures can squeeze into the tightest of places to deliver bright-white light precisely where it's needed for task and accent lighting applications. Using less than 5-watts input, these versatile little fixtures are the most energy-efficient solution for illuminating confined areas with recessed luminaires to provide the desired "look" and just the right amount of light.

A. Ultra-compact design. Compared to most recessed luminaires, these fixtures are diminutive. With a trim diameter of just 2¼" and an overall height of just 2⅞", the Mini LED Downlight can be recessed into extra-small spaces. The Mini LED Gimbal is similar in size with a 2⅝" trim diameter and 3¼" fixture height. The Mini LED Gimbal features 30° vertical aiming and 360° rotation adjustment, so that light can be aimed as needed. Both styles are offered in classic Juno white and black painted finishes, as well as premium satin nickel, or bronze plated finishes.

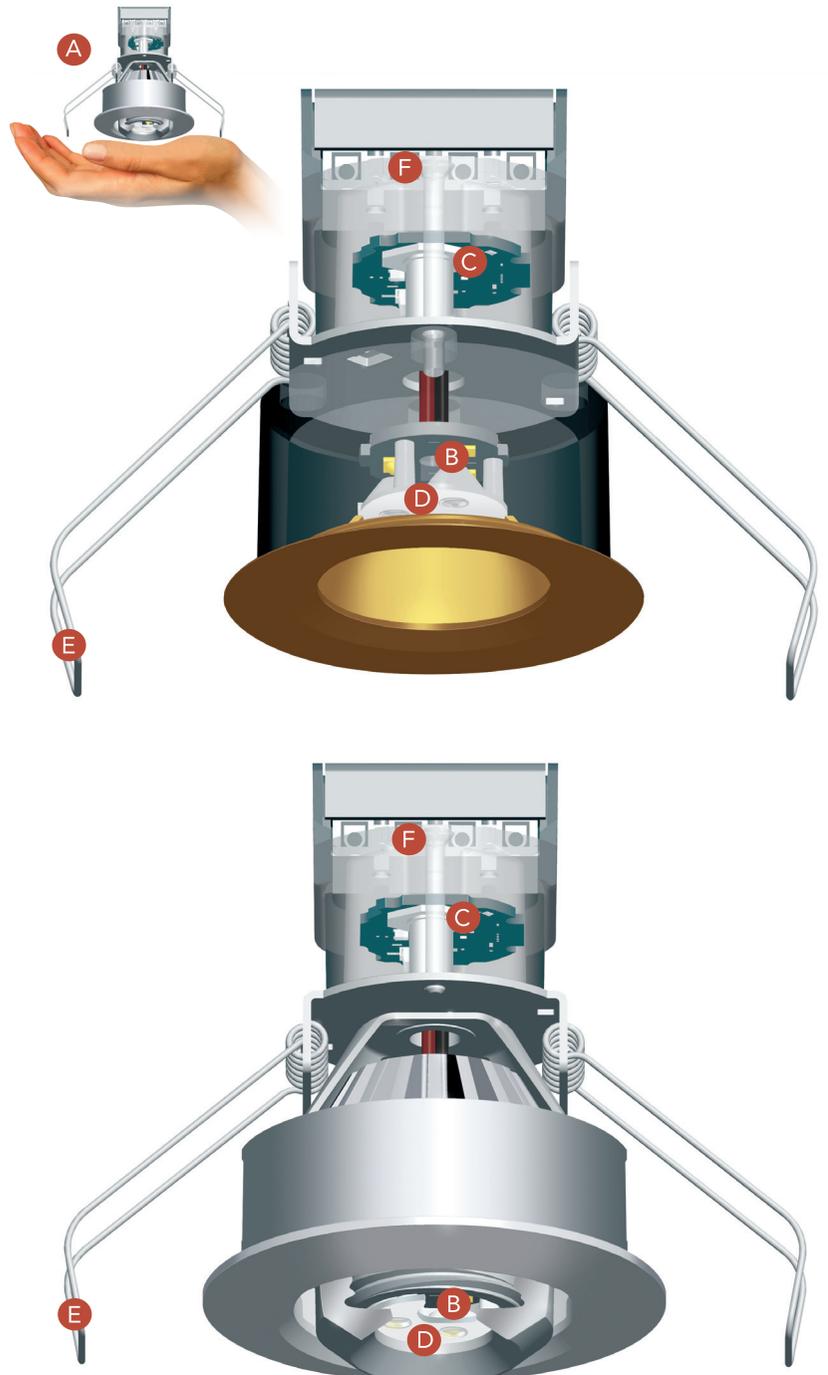
B. Super-efficient LED light engine. Common light engine to Juno's Trac 12® LED mini-cylinder spotlights using Luxeon® Rebel LEDs. Color temperatures of 2700K, 3000K, 3500K, and 4100K are available, and color rendering is excellent with CRI of 85 typical. Service life is a remarkable 50,000 hours at 70% lumen maintenance.

C. LED driver and transformer options. The onboard LED driver operates at 5 watts input at 12-volts AC and requires a Class 2, 120V to 12V electronic or magnetic, remote transformer to complete the system. Juno's TL602E electronic transformer, 60W maximum, was designed specifically for use with these fixtures.

D. Versatile optics. The optical system is designed for maximum versatility in a wide range of accent and task lighting situations. A choice of three optics is available: spot (16°), narrow flood (24°), or flood (35°).

E. Easy installation. The cutout dimensions of 2" for the Mini LED Downlight and 2⅝" for the Mini LED Gimbal correspond to common hole-saw sizes. Both fixture styles are held in place with easy-to-use "mouse-trap" springs. Installation is fast, simple, and secure into mounting surfaces 1/8" to 1" thick.

F. Simplified wiring. Removable cover plate provides quick access to wiring compartment. Terminal blocks facilitate simple wiring with commonly available low voltage cable (Type CL2 or NEC Equivalent, 18-12 AWG) for one fixture, or for daisy chaining multiple fixtures.





ORDERING INFORMATION

Mini LED Downlight



Catalog No.	Color Temp.	Optic	Finish	Ordering Example
MD1L	27K	SP	SN	MD1L27K-SP-SN
	27K 2700K	SP Spot	WH White	
	3K 3000K	NFL Narrow Flood	BL Black	
	35K 3500K	FL Flood	SN Satin Nickel	
	41K 4100K		BZ Bronze	



Finish Options:

WH

BL

BZ

Mini LED Gimbal



Catalog No.	Color Temp.	Optic	Finish	Ordering Example
MG1L	27K	SP	SN	MG1L27K-SP-SN
	27K 2700K	SP Spot	WH White	
	3K 3000K	NFL Narrow Flood	BL Black	
	35K 3500K	FL Flood	SN Satin Nickel	
	41K 4100K		BZ Bronze	



Finish Options:

WH

BL

BZ

TL602E Transformer



Catalog No.	Finish	Description
TL602E-60-WH	White	60W 12V AC Electronic Driver/Transformer

Ordering Options

(Add as suffix to catalog number)

Catalog No.	Description	Ordering Example
-CP6	6ft. Cord & Plug, factory installed	TL602E-60-WH-CP6

Performance Notes:

TL602E should be located no more than 4' from first fixture in run. With TL602E fully loaded, run lengths longer than 18' with 12 AWG are not recommended due to voltage drop. To avoid excessive drop in light output, make sure the fixture voltage at the last fixture is at least 10 volts. For longer runs or remote mount transformer installation, use magnetic transformer – consult factory.