

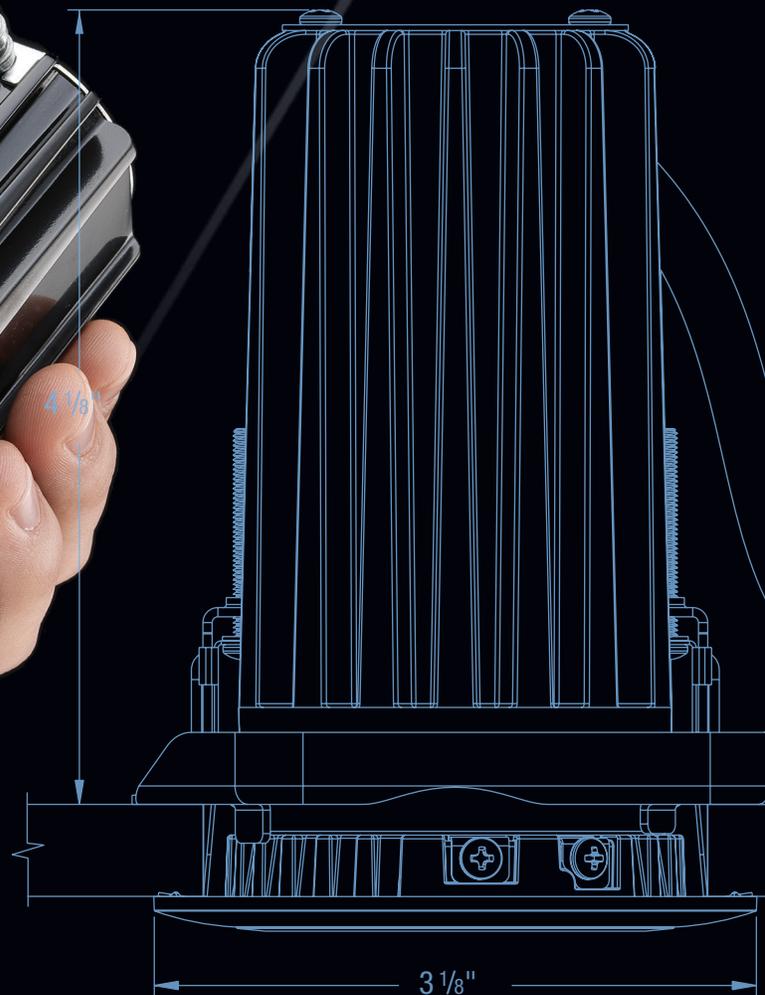
2" LED Downlights and Adjustables, Generation 2

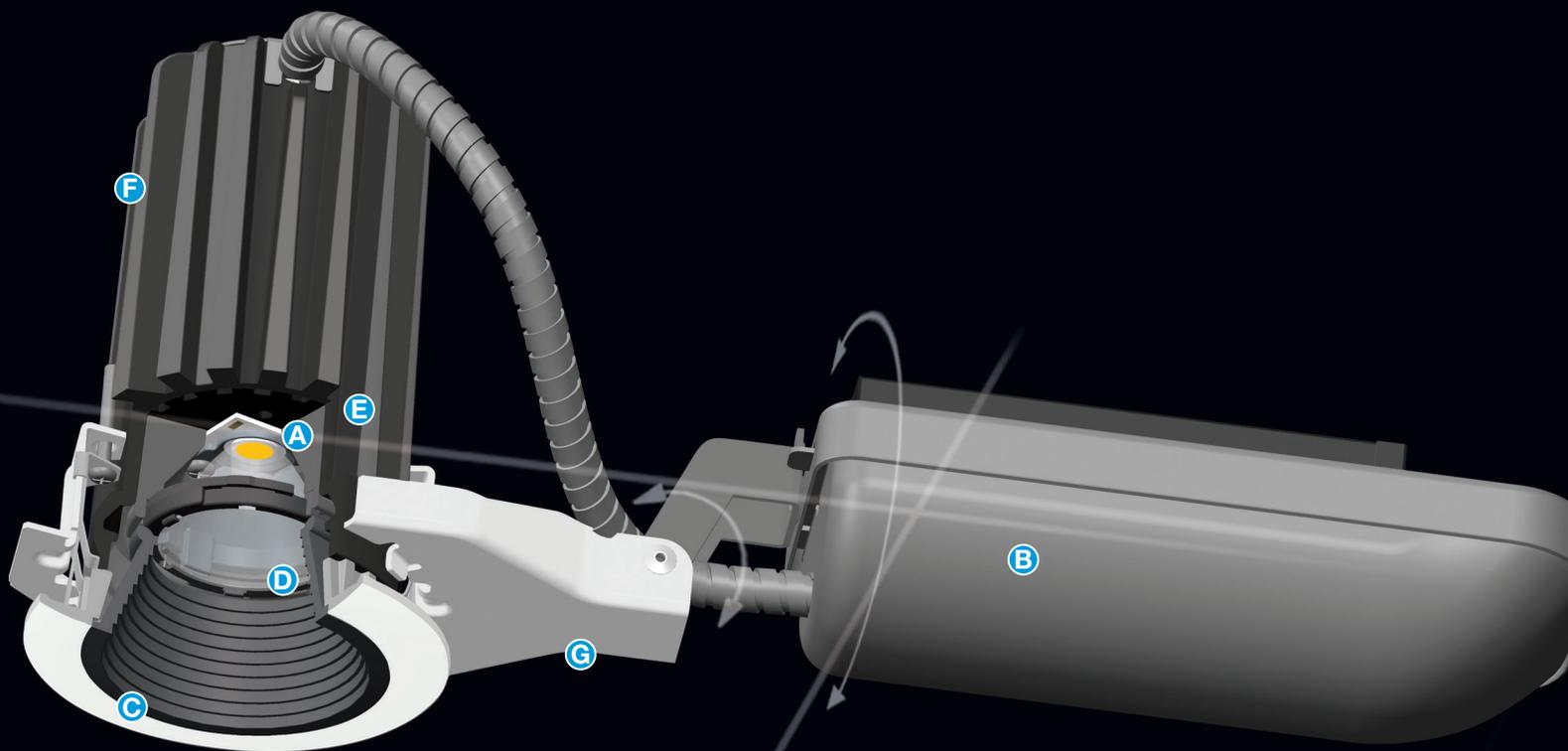
Energy-efficient, discreet aperture, high performance LED lighting



Juno® Ultra-Efficient LED Lighting

The second generation of Juno 2" LED downlights and adjustables feature the latest high lumen output LED array, binned to within 3-step MacAdam Ellipse, exceeding ENERGY STAR® requirements. They provide superior fixture-to-fixture color consistency and are available in color temperatures of 2700K, 3000K, 3500K, and 4000K with 80 CRI or 90 CRI minimum. Dimmable LED drivers now come in a choice of 600 or 1000 lumen outputs. Both driver options are offered with 120-volt only operation (compatible with most incandescent dimmers) or universal 120-277V operation (compatible with most 0-10V protocol dimmers). Additionally, field-interchangeable optics are available to provide distributions ranging from 18° to 40°. Energy-efficient, stylish Juno 2" LED downlights and adjustables are the little something extra for today's residential and commercial lighting applications.





A. Advanced Light Engine: Advanced LED technology produces up to 1,000 lumens from as little as 11 watts or 600 lumens from as little as 7 watts input. LEDs are binned to within a 3-step MacAdam Ellipse for superior fixture to fixture color consistency. Color temperatures of 2700K, 3000K, 3500K and 4000K with 80 CRI or 90 CRI minimum.

B. LED Driver: Specify either 600 or 1,000 lumen output; for both versions, choose either the dedicated 120-volt driver compatible with incandescent, magnetic low voltage and ELV dimming or the universal 120V-277V driver with 0-10V dimming.

C. Downlight Trim: All metal trim is offered in cone and baffle styles. Round aperture downlight features shadow free knife edge trim ring to blend seamlessly into the ceiling.

Adjustable Trim (not shown): Die cast gimbal trim features 35° tilt adjustment. Round aperture adjustable features shadow free knife edge trim ring to blend seamlessly into the ceiling.

D. High Efficiency Optics: Three field interchangeable TIR optics available in 18°, 24° and 40° beam angles.

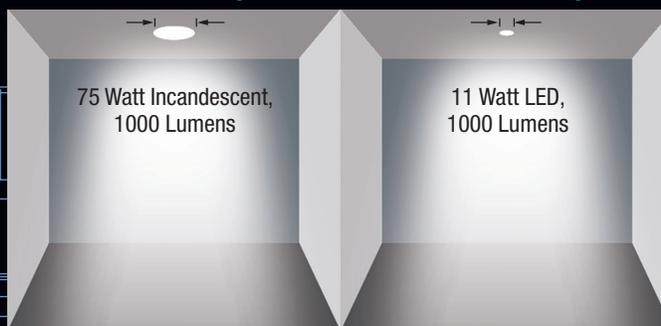
E. Superior Thermal Management: LED array is attached to die cast trim with integral heat sink to provide excellent heat transfer and ensure long life. At the end of their rated life, LEDs can be expected to produce 70% of their initial light output with no perceptible changes in color.

F. Low Profile Housing: Permits easy installation in a wide variety of applications and fits nicely within 2 x 6 ceiling joists for shallow applications.

G. Easy Installation: Fixture easily installs from below the ceiling through a small 2-5/8" ceiling cut out. Galvanized steel plaster frame accommodates ceiling thicknesses from 1/2" to 1". New construction mounting frame with Real Nail® 3 telescoping bar hangers to position fixture and locate wiring prior to ceiling installation is also available.

Traditional 6" Downlight

Juno 2" LED Downlight



Small aperture fixtures offering powerful illumination
 Juno 2" LED downlights and adjustables deliver the same amount of bright illumination as Juno 6" LED downlights.



ENERGY STAR Certified. 90CRI fixtures are certified to the high efficacy requirements of California T24. Meets energy code Air Leakage requirements per ASTM E283. Downlights are UL and cUL listed for wet locations.



Juno 2" LED Round Downlights & Adjustables

Two Part Ordering System

Order Driver and LED Trim Module separately

The Juno 2" LED Gen 2 system allows you to create a modular assembly by selecting your desired driver output and pairing it with the Gen 2 trim module of your choice.



Trims

Juno 2" LED round downlights and adjustables are offered in an extensive selection of trims. Downlights are available in cone and baffle styles, and downlights and adjustables are offered in white, black, satin nickel and brushed bronze with various combinations. You are certain to find the perfect fixture for any room in the home or office.

Downlight Baffle



BBL
Black Baffle/
Black Trim

BZBZ
Brushed Bronze Baffle/
Brushed Bronze Trim

SNSN
Satin Nickel Baffle/
Satin Nickel Trim

WWH
White Baffle/
White Trim

BWH
Black Baffle/
White Trim

Downlight Cone



BBL
Black Cone/
Black Trim

WHZBZ
Wheat Haze Cone
Brushed Bronze Trim

HZSN
Haze Cone/
Satin Nickel Trim

CHW
Clear Cone/
White Trim



WWH
White Cone/
White Trim



HZWH
Haze Cone/
White Trim



BWH
Black Cone/
White Trim

Adjustable



BL
Black

BZ
Brushed Bronze

SN
Satin Nickel

WH
White

2" LED Driver Assembly



Driver options include assemblies that produce up to 600 or 1000 lumens. Both are available with dedicated 120V or universal 120-277 VAC.

Example: 2LEDDRIVER G2 10LM 120 FRPC

Series	Gen	Lumens	Voltage/Driver
2LEDDRIVER	G2	06LM	600 Lumens
		10LM	1000 Lumens
			120 FRPC Dedicated 120V Only (Forward Phase and ELV Dimmable)
			MVOLT ZT Universal 120-277V (0-10V Dimmable)

Note: Driver assembly only intended for use with Gen 2 LED trim modules. Not backward compatible with previous generation.

Downlight

2" LED Round Downlight Trim Module



Baffle



Cone

Combined with the driver assembly, the 2 inch aperture recessed downlight is IC rated for insulated or non-insulated applications. Luminaire produces up to 1,000 lumens and is available with optical distributions ranging from 18°- 40°. Low profile form factor allows luminaire to fit in 2 x 6 construction. LED Light Engine provides exceptional fixture to fixture color consistency within a 3-step MacAdam ellipse. Air-Loc rated LED housings and UL Listed for wet location.

Example: 2LEDTRIM G2 DB 27K 80CRI SP WH

Series	Gen	Trim Type	CCT	CRI	Beam Optics	Downlight/Reflector Finish			
2LEDTRIM	G2	DB	27K	80CRI	SP	Downlight Baffle			
			30K	90CRI	Spot	WWH	White Baffle/ White Trim Ring	WWH	White Cone/ White Trim Ring
		DC	3000K	90CRI	NFL	BBL	Black Baffle/ Black Trim Ring	BBL	Black Cone/ Black Trim Ring
			35K	3500K	24°	BWH	Black Baffle/ White Trim Ring	BWH	Black Cone/ White Trim Ring
		Downlight Cone	40K	3500K	Narrow Flood	BZBZ	Bronze Baffle/ Bronze Trim Ring	CWH	Clear Cone/ White Trim Ring
			4000K	40° Flood	FL	Satin Nickel Baffle/ Satin Nickel Trim Ring	HZWH	Haze Cone/ White Trim Ring	
						SNSN	Satin Nickel Baffle/ Satin Nickel Trim Ring	HZSN	Haze Cone/ Satin Nickel Trim Ring
								WHZBZ	Wheat Haze Cone/ Bronze Trim Ring



Adjustable

2" LED Round Adjustable Trim Module



Combined with the driver assembly, the 2 inch aperture recessed adjustable is IC rated for insulated or non-insulated applications. Luminaire produces up to 1,000 lumens and is available with optical distributions ranging from 18°- 40°. Low profile form factor allows luminaire to fit in 2 x 6 construction. LED Light Engine provides exceptional fixture to fixture color consistency within a 3-step MacAdam ellipse. Air-Loc rated LED housings and UL Listed for damp location.

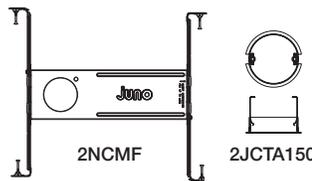
Example: 2LEDTRIM G2 ADJ 27K 80CRI SP WH

Series	Gen	Trim Type	CCT	CRI	Beam Optics	Finish	
2LEDTRIM	G2	ADJ	27K	80CRI	SP	White	
			30K	90CRI	18° Spot	Black	
		Adjustable Gimbal	3000K	90CRI	NFL	BZ	Bronze
			35K	3500K	24° Narrow Flood	SN	Satin Nickel
		40K	4000K	40° Flood			



Accessories

2NCMF	New Construction Mounting Frame with Real Nail® 3 bar hangers
2JCTA150	Thick Ceiling adapter for 1" - 1½" thick ceiling
LEDOPTIC2 SP	18° Spot Optic
LEDOPTIC2 NFL	24° Narrow Flood Optic
LEDOPTIC2 FL	40° Flood Optic



Regulatory Listings and Standards

- UL and C-UL Listed
- Listed for Direct Contact with Insulation
- ENERGY STAR® Certified
- RoHS Compliant
- Juno LED Downlights are certified to meet the high efficacy requirements of California Title 24
- Air-Loc® rated to minimize air leakage and promote building energy efficiency.
- Downlights are UL and cUL listed for Wet Locations.

Qualified Dimmers

Choice of dimmable drivers includes dedicated 120 volt driver compatible with the use of most incandescent, magnetic low voltage and electronic low voltage dimmers, or universal voltage driver, dimmable with the use of most 0-10V protocol dimmers. Refer to the spec sheet for a list of compatible dimmers.

Juno 2" LED Square Downlights & Adjustables

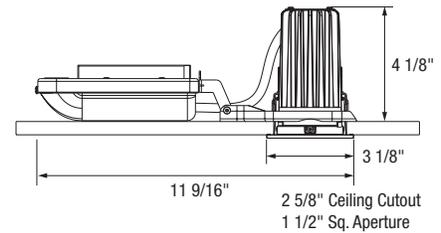
Two Part Ordering System

Order Driver and LED Trim Module separately

The Juno 2" LED Gen 2 system allows you to create a modular assembly by selecting your desired driver output and pairing it with the Gen 2 trim module of your choice.



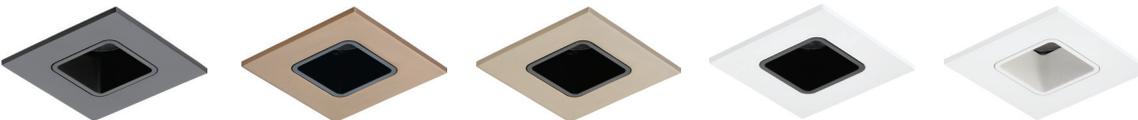
Dimensions



Trims

Perfect for today's upscale interiors, Juno 2" LED square downlights and adjustables are offered with a wide selection of trim finishes. Downlights and adjustables are offered in white, black, satin nickel, and brushed bronze with various combinations.

Downlight Reflectors



BBL
Black Reflector/
Black Trim

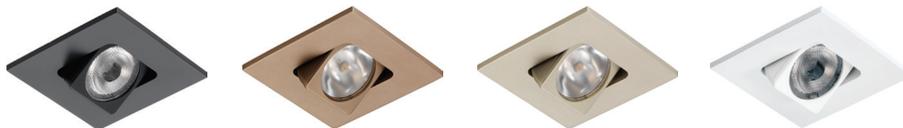
BBZ
Black Reflector/Brushed
Bronze Trim

BSN
Black Reflector/
Satin Nickel Trim

BWH
Black Reflector/
White Trim

WWH
White Reflector/
White Trim

Adjustable



BL
Black

BZ
Brushed Bronze

SN
Satin Nickel

WH
White

2" LED Driver Assembly



Driver options include assemblies that produce up to 600 or 1000 lumens. Both are available with dedicated 120V or universal 120-277 VAC.

Example: 2LEDDRIVER G2 10LM 120 FRPC

Series	Gen	Lumens	Voltage/Driver
2LEDDRIVER	G2	06LM	600 Lumens
		10LM	1000 Lumens
			120 FRPC
			Dedicated 120V Only (Forward Phase and ELV Dimmable)
			MVOLT ZT
			Universal 120-277V (0-10V Dimmable)

Note: Driver assembly only intended for use with Gen 2 LED trim modules. Not backward compatible with previous generation.

Downlight

2" LED Square Downlight Trim Module



Combined with the driver assembly, the 2 inch aperture recessed downlight is IC rated for insulated or non-insulated applications. Luminaire produces up to 1,000 lumens and is available with optical distributions ranging from 18°- 40°. Low profile form factor allows luminaire to fit in 2 x 6 construction. LED Light Engine provides exceptional fixture to fixture color consistency within a 3-step MacAdam ellipse. Air-Loc rated LED housings and UL Listed for wet location.

Example: 2LEDTRIM G2 SQ 27K 80CRI SP WWH

Series	Gen	Trim Type	CCT	CRI	Beam Optics	Finish
2LEDTRIM	G2	SQ Square Downlight	27K	80CRI	SP	WWH
			2700K	80CRI	18° Spot	BBL
			30K	90CRI	NFL	BWH
			3000K	90CRI	24° Narrow Flood	BBZ
			35K		FL	BSN
			3500K		40° Flood	
40K						
4000K						



Adjustable

2" LED Square Adjustable Trim Module



Combined with the driver assembly, the 2 inch aperture recessed adjustable is IC rated for insulated or non-insulated applications. Luminaire produces up to 1,000 lumens and is available with optical distributions ranging from 18°- 40°. Low profile form factor allows luminaire to fit in 2 x 6 construction. LED Light Engine provides exceptional fixture to fixture color consistency within a 3-step MacAdam ellipse. Air-Loc rated LED housings and UL Listed for damp location.

Example: 2LEDTRIM G2 SQADJ 27K 80CRI SP WH

Series	Gen	Trim Type	CCT	CRI	Beam Optics	Finish
2LEDTRIM	G2	SQADJ Square Adjustable Gimbal	27K	80CRI	SP	WH
			2700K	80CRI	18° Spot	BL
			30K	90CRI	NFL	BZ
			3000K	90CRI	24° Narrow Flood	SN
			35K		FL	
			3500K		40° Flood	
40K						
4000K						

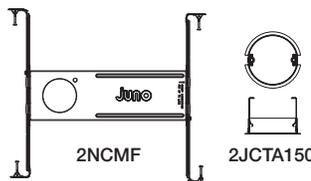


Accessories

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LEDOPTIC2 SP	18° Spot Optic
LEDOPTIC2 NFL	24° Narrow Flood Optic
LEDOPTIC2 FL	40° Flood Optic

Qualified Dimmers

Choice of dimmable drivers includes dedicated 120 volt driver compatible with the use of most incandescent, magnetic low voltage and electronic low voltage dimmers, or universal voltage driver, dimmable with the use of most 0-10V protocol dimmers. Refer to the spec sheet for a list of compatible dimmers.



Regulatory Listings and Standards

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- Downlights are UL and cUL listed for Wet Locations.

Juno® 2" LED IC-Rated Downlights and Adjustables... Big things come in small packages

The sophisticated aesthetics and smaller aperture of the Juno 2" LED downlights and adjustables offers the “designer-look” that perfectly complements many of today’s upscale residential and commercial interiors. These ultra-efficient fixtures produce 600 or 1,000 lumens of brilliant white light, while consuming only 7 watts and 11 watts respectively. Offered in round or square aperture, downlight or adjustable, and a wide variety of styles and finishes, Juno 2" LED fixtures are the perfect lighting solution for any décor.

Ultra-efficient LED lighting with extra style and flair

- Produces up to 600 or 1,000 lumens of brilliant white light
- Very low profile form factor permits installation in a wide range of applications
- Wide range of trim styles and finishes available
- Approved for use in both insulated and non-insulated ceilings
- ENERGY STAR® Certified



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