

# 2" LED Downlights and Adjustables, Gen 2

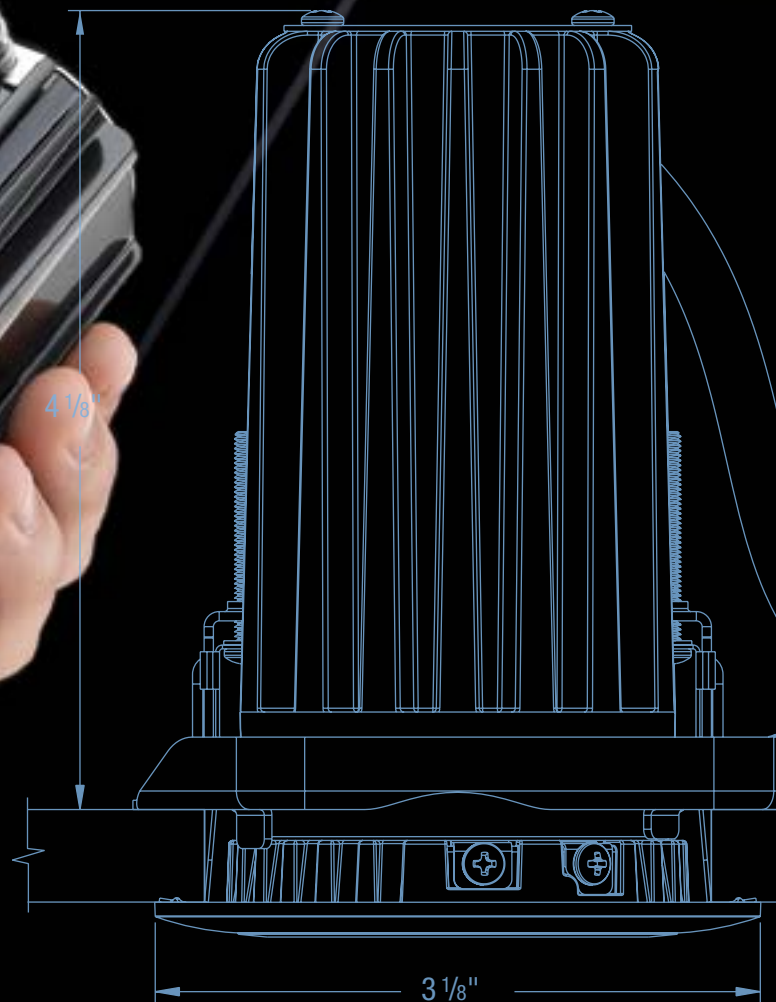
Energy-efficient, discreet aperture, high performance LED lighting

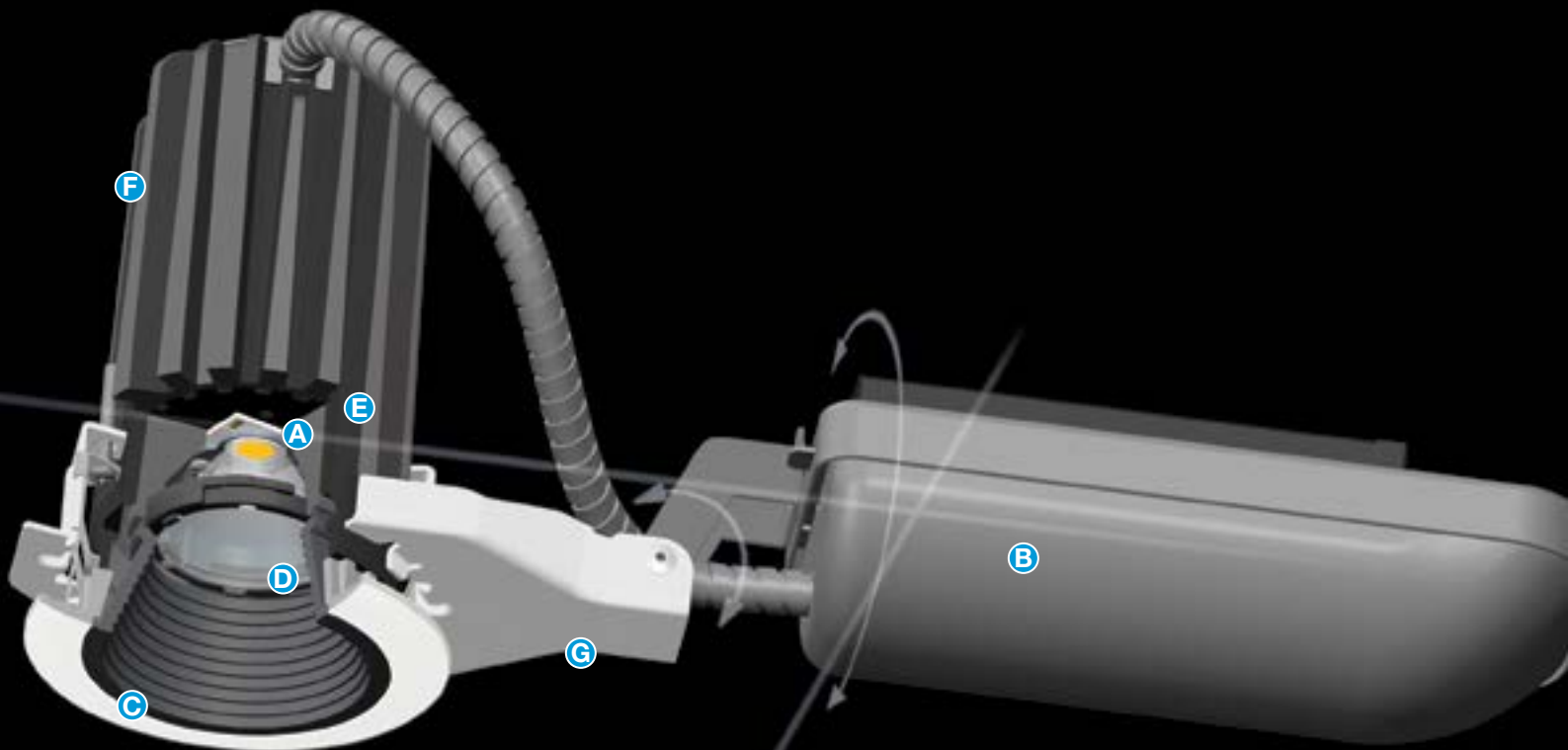


**JUNO**<sup>®</sup>

# Juno<sup>®</sup> 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<sup>®</sup> 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.

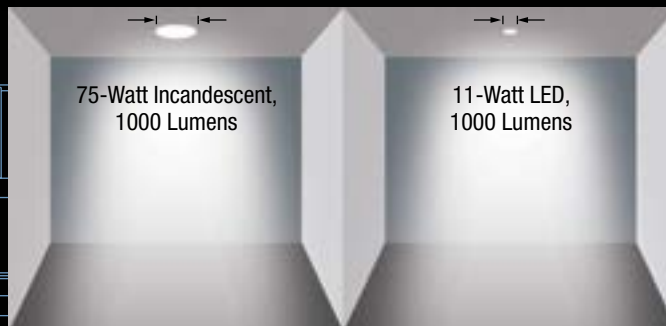
**E. Superior Thermal Management:** LED array is attached to die cast trim with integral heat sink to provide excellent heat transfer and ensure long life. At the end of their rated life, LEDs can be expected to produce 70% of their initial light output with no perceptible changes in color.

**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. 90+ CRI fixtures can be used to meet California T24 JA8 high efficacy LED light source requirements. Meets energy code Air Leakage requirements per ASTM E283. Downlights are UL and cUL listed for wet locations.



# Juno 2" LED Round Downlights & Adjustables

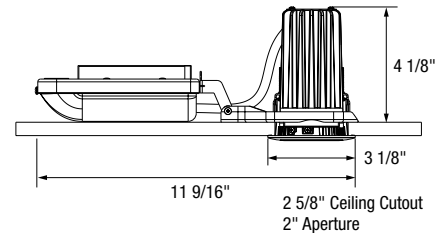
## Two Part Ordering System

### 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.



### Dimensions



## 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

**CWH**  
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	120 FRPC Dedicated 120V Only (Forward Phase and ELV Dimmable)
		10LM 1000 Lumens	
			<b>MVOLT ZT</b> 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	<b>Downlight Baffle</b>			
			30K	90CRI	Spot	<b>WWH</b>	White Baffle/ White Trim Ring	<b>WWH</b>	White Cone/ White Trim Ring
		DC	3000K	90CRI+	NFL	<b>BBL</b>	Black Baffle/ Black Trim Ring	<b>BBL</b>	Black Cone/ Black Trim Ring
			35K	3500K	24°	<b>BWH</b>	Black Baffle/ White Trim Ring	<b>BWH</b>	Black Cone/ White Trim Ring
		Cone	40K	3500K	Narrow	<b>BZBZ</b>	Bronze Baffle/ Bronze Trim Ring	<b>CWH</b>	Clear Cone/ White Trim Ring
			4000K	40°	Flood	<b>SNSN</b>	Satin Nickel Baffle/ Satin Nickel Trim Ring	<b>HZWH</b>	Haze Cone/ White Trim Ring
								<b>HZSN</b>	Haze Cone/ Satin Nickel Trim Ring
								<b>WHZBZ</b>	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	WH White
			Adjustable	2700K	80CRI+	18° Spot
		Gimbal	30K	90CRI	NFL	BZ Bronze
			3000K	90CRI+	24° Narrow	SN Satin Nickel
			35K	3500K	Flood	
			40K	4000K	40° Flood	

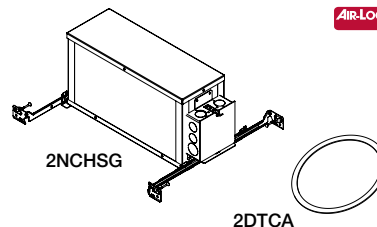
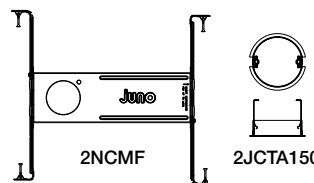


## Accessories

<b>2NCHSG</b>	2" New Construction Housing with Real Nail® 3 bar hangers. Can be used with spray foam insulation. Requires 2x8 construction.
<b>2DTCA</b>	Drop tile ceiling adapter for smoother installation
<b>2NCMF</b>	New Construction Mounting Frame with Real Nail® 3 bar hangers
<b>2JCTA150</b>	Thick Ceiling adapter for 1" - 1½" thick ceiling
<b>LEDOPTIC2 SP</b>	18° Spot Optic
<b>LEDOPTIC2 NFL</b>	24° Narrow Flood Optic
<b>LEDOPTIC2 FL</b>	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

- UL and C-UL Listed
- Listed for Direct Contact with Insulation
- ENERGY STAR® Certified
- RoHS Compliant
- 90+ CRI fixtures can be used to meet California T24 JA8 high efficacy LED light source requirements.
- Air-Loc® rated to minimize air leakage and promote building energy efficiency.
- Downlights are UL and cUL listed for Wet Locations.

# Juno 2" LED Round Downlights & Adjustables

## Downlight

### 2" LED Round Downlight – Chicago Plenum



This downlight is approved for City of Chicago Environmental Air (CCEA) and is IC rated for insulated or non-insulated new construction applications. Can be used with spray foam insulation. Luminaire produces up to 1,000 lumens and is available with optical distributions ranging from 18°- 40°. The 2CPNC requires 2 x 8 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: 2CPNC G2 DB 06LM 27K 80CRI SP MVOLT ZT WWH



Series	Gen	Trim Type	Lumens	CCT	CRI	Beam Optics	Voltage/Driver
2CPNC	G2	DB	06LM	27K	80CRI	SP	120 FRPC
		Downlight Baffle	600 Lumens	2700K	80CRI+	18°	Dedicated 120V Only (Forward Phase and ELV Dimmable)
		DC	10LM	30K	90CRI	Spot	
		Downlight Cone	1000 Lumens	3000K	90CRI+	NFL	MVOLT ZT
							Universal 120-277V (0-10V Dimmable)
				35K			
				40K			
				400K			
						FL	
						40°	
						Flood	

#### Downlight/Reflector Finish

#### Downlight Baffle

<b>WWH</b>	White Baffle/White Trim Ring
<b>BBL</b>	Black Baffle/Black Trim Ring
<b>BWH</b>	Black Baffle/White Trim Ring
<b>BZBZ</b>	Bronze Baffle/Bronze Trim Ring
<b>SNSN</b>	Satin Nickel Baffle/Satin Nickel Trim Ring

#### Downlight Cone

<b>WWH</b>	White Cone/White Trim Ring
<b>BBL</b>	Black Cone/Black Trim Ring
<b>BWH</b>	Black Cone/White Trim Ring
<b>CWH</b>	Clear Cone/White Trim Ring
<b>HZWH</b>	Haze Cone/White Trim Ring
<b>HZSN</b>	Haze Cone/Satin Nickel Trim Ring
<b>WHZBZ</b>	Wheat Haze Cone/Bronze Trim Ring

## Adjustable

### 2" LED Round Adjustable – Chicago Plenum



This adjustable is approved for City of Chicago Environmental Air (CCEA) and is IC rated for insulated or non-insulated new construction applications. Can be used with spray foam insulation. Luminaire produces up to 1,000 lumens and is available with optical distributions ranging from 18°- 40°. The 2CPNC requires 2 x 8 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.

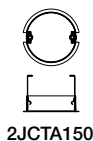
Example: 2CPNC G2 ADJ 10LM 27K 80CRI SP MVOLT ZT WWH



Series	Gen	Trim Type	Lumens	CCT	CRI	Beam Optics	Voltage/Driver	Finish
2CPNC	G2	ADJ	06LM	27K	80CRI	SP	120 FRPC	WH White
		Adjustable	600 Lumens	2700K	80CRI+	18° Spot	Dedicated 120V	BL Black
		Gimbal	10LM	30K	90CRI	NFL	Only (Forward Phase and ELV Dimmable)	BZ Bronze
			1000 Lumens	3000K	90CRI+	24° Narrow Flood		SN Satin Nickel
				35K				
				3500K				
				40K				
				400K				
						FL		
						40° Flood		
							MVOLT ZT	
							Universal 120-277V (0-10V Dimmable)	

## Accessories

<b>2DTCA</b>	Drop tile ceiling adapter for smoother installation
<b>2JCTA150</b>	Thick Ceiling adapter for 1" - 1½" thick ceiling
<b>LEDOPTIC2 SP</b>	18° Spot Optic
<b>LEDOPTIC2 NFL</b>	24° Narrow Flood Optic
<b>LEDOPTIC2 FL</b>	40° Flood Optic



## Regulatory Listings and Standards

- UL and C-UL Listed
- Listed for Direct Contact with Insulation
- ENERGY STAR® Certified
- RoHS Compliant
- 90+ CRI fixtures can be used to meet California T24 JA8 high efficacy LED light source requirements.
- 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

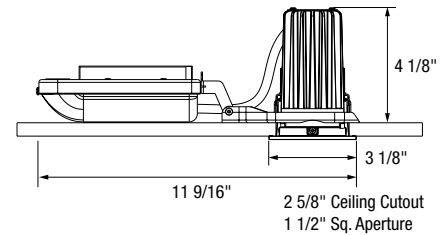
## Two Part Ordering System

### 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.



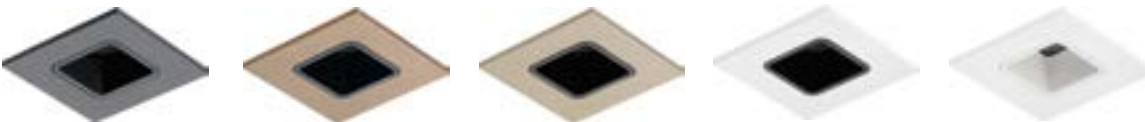
### Dimensions



## 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

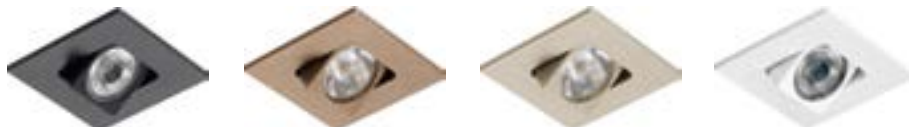
**BBZ**  
Black Reflector/Brushed  
Bronze Trim

**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	120 FRPC Dedicated 120V Only (Forward Phase and ELV Dimmable)
		10LM 1000 Lumens	
			<b>MVOLT ZT</b> 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 2700K	80CRI	SP 18° Spot	WWH White/White Trim Ring
			30K 3000K	90CRI	NFL 24° Narrow Flood	BBL Black/Black Trim Ring
			35K 3500K	90CRI+	FL 40° Flood	BWH Black/White Trim Ring
			40K 4000K			BBZ Black/Bronze Trim Ring
						BSN Black/Satin Nickel Trim Ring



### 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 2700K	80CRI	SP 18° Spot	WH White
			30K 3000K	90CRI	NFL 24° Narrow Flood	BL Black
			35K 3500K	90CRI+	FL 40° Flood	BZ Bronze
			40K 4000K			SN Satin Nickel

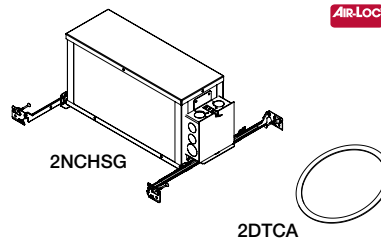
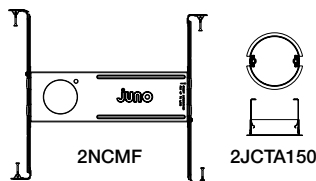


### Accessories

<b>2NCHSG</b>	2" New Construction Housing with Real Nail® 3 bar hangers. Can be used with spray foam insulation. Requires 2x8 construction.
<b>2DTCA</b>	Drop tile ceiling adapter for smoother installation
<b>2NCMF</b>	New Construction Mounting Frame with Real Nail® 3 bar hangers
<b>2JCTA150</b>	Thick Ceiling adapter for 1" - 1½" thick ceiling
<b>LEDOPTIC2 SP</b>	18° Spot Optic
<b>LEDOPTIC2 NFL</b>	24° Narrow Flood Optic
<b>LEDOPTIC2 FL</b>	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

- UL and C-UL Listed
- Listed for Direct Contact with Insulation
- ENERGY STAR® Certified
- RoHS Compliant
- 90+ CRI fixtures can be used to meet California T24 JA8 high efficacy LED light source requirements.
- Air-Loc® rated to minimize air leakage and promote building energy efficiency.
- Downlights are UL and cUL listed for Wet Locations.

# Juno 2" LED Square Downlights & Adjustables

## Downlight

### 2" LED Square Downlight – Chicago Plenum



This downlight is approved for City of Chicago Environmental Air (CCEA) and is IC rated for insulated or non-insulated new construction applications. Can be used with spray foam insulation. Luminaire produces up to 1,000 lumens and is available with optical distributions ranging from 18°- 40°. The 2CPNC requires 2 x 8 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: 2CPNC G2 SQ 06LM 27K 80CRI SP MVOLT ZT WWH

Series	Gen	Trim Type	Lumens	CCT	CRI	Beam Optics	Voltage/Driver	Finish
2CPNC	G2	SQ Square Downlight	06LM	27K	80CRI	SP	120 FRPC	WWH
			600 Lumens	2700K	80CRI+	18° Spot	Dedicated 120V Only (Forward Phase and ELV Dimmable)	White/White Trim Ring
			100LM	30K	90CRI	NFL	MVOLT ZT	Black/Black Trim Ring
			1000 Lumens	3000K	90CRI+	24° Spot	Universal 120-277V (0-10V Dimmable)	Black/White Trim Ring
				3500K		40° Spot		Black/Bronze Trim Ring
			40K	4000K			BSN	Black/Satin Nickel Trim Ring



## Adjustable

### 2" LED Square Adjustable – Chicago Plenum



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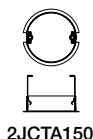
Example: 2CPNC G2 SQADJ 06LM 27K 80CRI SP 120 FRPC WH

Series	Gen	Trim Type	Lumens	CCT	CRI	Beam Optics	Voltage/Driver	Finish
2CPNC	G2	SQADJ Square Adjustable Gimbal	06LM	27K	80CRI	SP	120 FRPC	WH
			600 Lumens	2700K	80CRI+	18° Spot	Dedicated 120V Only (Forward Phase and ELV Dimmable)	White
			100LM	30K	90CRI	NFL	MVOLT ZT	Black
			1000 Lumens	3000K	90CRI+	24° Spot	Universal 120-277V (0-10V Dimmable)	Bronze
				3500K		40° Spot		Satin Nickel
			40K	4000K				



## Accessories

2DTCA	Drop tile ceiling adapter for smoother installation
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



2JCTA150

2DTCA

## 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

- UL and C-UL Listed
- Listed for Direct Contact with Insulation
- ENERGY STAR® Certified
- RoHS Compliant
- 90+ CRI fixtures can be used to meet California T24 JA8 high efficacy LED light source requirements.
- Air-Loc® rated to minimize air leakage and promote building energy efficiency.
- Downlights are UL and cUL listed for Wet Locations.





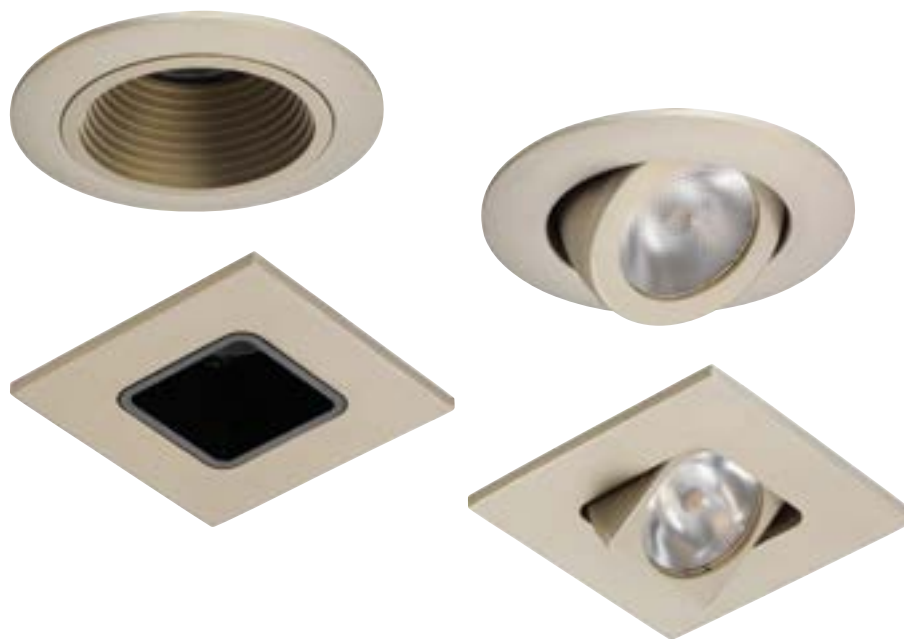


# Juno® 2" LED IC-Rated Downlights and Adjustables... Big things come in small packages

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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