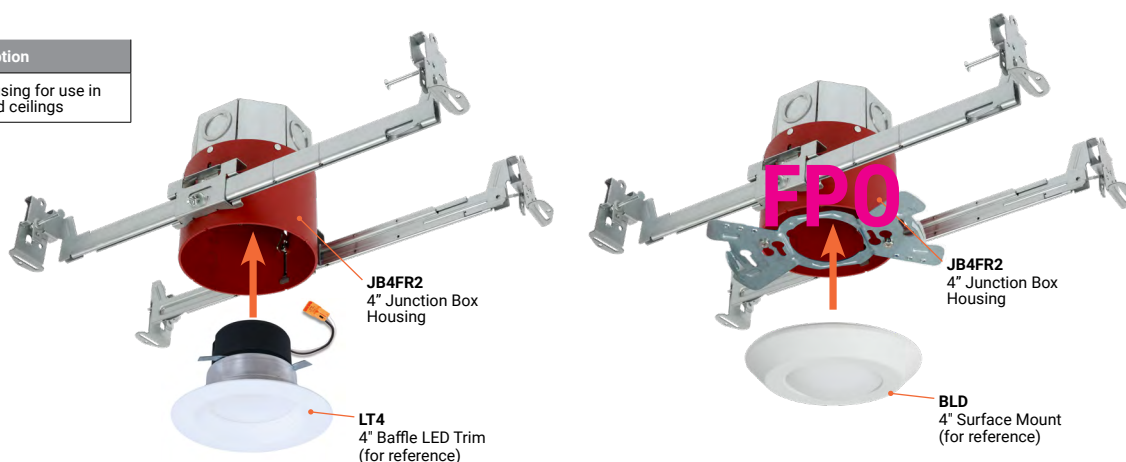




## Order Information

Catalog Number	Description
JB4FR2	4" Junction Box Housing for use in standard or fire-rated ceilings

**FIRE  
RATED**   
**UP TO  
2 HOURS**  
**FOR USE IN FIRE RATED  
CEILING CONSTRUCTIONS**



## Compatible LED Trims and Surface Mount Fixtures

Series Family	Description	Catalog Numbers	Lumens	CCT	Color Finishes / Designer Trims	
LT4	Baffle LED Trim	LT4069FS1EWHR	600lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White	
		LT4099FS1EWHR	900lms			
LA4	Smooth Adjustable Recessed LED Trim	LA4069271EWH	600lms	Dedicated CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White	
		LA4069301EWH				
		LA4069351EWH				
		LA4069401EWH				
		LA4069501EWH				
RL4	Baffle Selectable LED Trim	RL4069S1EWHR	600lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	• Available Baffle or Smooth • Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		RL4099S1EWHR	900lms			
RA4	Baffle Adjustable Recessed LED Trim	RA4LS9FSD2W1EWH	600/900lms	6-Color Field-SeleCCTable: 2700K, 3000K, 3500K, 4000K, 5000K, Dim-to-Warm	Matte White	
RSQ4	Square Baffle Selectable LED Trim	RSQ4LS9FSD2W1EWH	600/900lms	6-Color Field-SeleCCTable: 2700K, 3000K, 3500K, 4000K, 5000K, Dim-to-Warm	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
RLNL4	Night Light Baffle LED Trim	RLNL4079FSD2W1EWH	700lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White	
RL WiZ4	Smart Wi-Fi Baffle LED Trim	RL4069WZRGBWWHR	600lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	• Available Baffle or Smooth • Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
CJB4	CJB Integrated JBOX Downlight	CJB4069FS1EMWR*	600lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White	
HLBC4	Ultra Slim Regressed LED Downlight	HLBC4069FSD2W1EMW	600lms	6-Color Field-SeleCCTable: 2700K, 3000K, 3500K, 4000K, 5000K, Dim-to-Warm	• Available Round or Square • Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
ML4	ML4 LED Trim Downlight System	ML4D10FL9FS1E	1000lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	• Available Round or Square • Matte White, Matte Black, Brushed Nickel, Oil Rubbed Bronze, German Bronze, Brushed Copper, Satin Nickel	
		ML4D10FL9FS1E				
		ML4D08FL95FS1E	800lms	Dim-to-Warm		
		ML4D06FLD2W1E	600lms			

## Compatible LED Trims and Surface Mount Fixtures

Series Family	Description	Catalog Numbers	Lumens	CCT	Color Finishes/ Designer Trims	
HLCE4	Surface Mount Disk Light Bulk Packs	HLCE4079301EWH*	700lms	Dedicated CCT: 3000K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		HLCE4079401EWH*				
		HLCE4079501EWH*				
HLCE6	Surface Mount Disk Light Bulk Packs	HLCE6099301EWH*	900lms	Dedicated CCT: 3000K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		HLCE6099401EWH*				
		HLCE6099501EWH*				
HLS4	Surface Mount Wet Location Disk Light	HLS4079301EWH*	700lms	Dedicated CCT: 3000K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		HLS4079401EWH*				
		HLS4079501EWH*				
HLS6	Surface Mount Wet Location Disk Light	HLS6099301EWH*	900lms	Dedicated CCT: 3000K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		HLS6099401EWH*				
		HLS6099501EWH*				
HLS9	Surface Mount Wet Location Disk Light	HLS9129301EWH	1200lms	Dedicated CCT: 3000K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		HLS9129401EWH				
		HLS9129501EWH				
		HLSMS9129301EWH				
		HLSMS9129401EWH				
		HLSMS9129501EWH				
SMD4	Surface Mount Downlight	SMD4R69SWH	600lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		SMD4S69SWH				
SMD6	Surface Mount Downlight	SMD6R69SWHE	600lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		SMD6S69SWHE				
		SMD6R69SWHE-EM				
		SMD6S69SWHE-EM				
		SMD6R129SWHE	1200lms			Matte White, Matte Black, Satin Nickel, Tuscan Bronze
		SMD6S129SWHE				
		SMD6R129SWHE-EM				
		SMD6S129SWHE-EM				
SMD12	Surface Mount Downlight	SMD12R209SWHE	2000lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		SMD12S209SWHE				
		SMD12R209SWHE-EM				
		SMD12S209SWHE-EM				
SMD14	Surface Mount Downlight	SMD14R209SWHE	2000lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		SMD14S209SWHE				
		SMD14R209SWHE-EM				
		SMD14S209SWHE-EM				
SLD4	Surface Mount Downlight	SLDSL4069S1EMWR	600lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
SLD6	Surface Mount Downlight	SLDSL6069S1EMWR	600lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
		SLD6129S1EMWR	1200lms			
JBD	Slim Surface Mount LED Downlight	JBD4079FS1EWH	700lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K	Matte White, Matte Black, Satin Nickel, Tuscan Bronze	
FM	Low Profile Flush Mount	FM89S1EWHR	920lms	3CCT: 3000K, 4000K, 5000K	Matte White	
		FM119S1EWHR	1250lms	5CCT: 2700K, 3000K, 3500K, 4000K, 5000K		
		FM159S1EWHR	1510lms			

## Specification Features

### J-Box Housing

- Side Wiring: Four 1/2" - 3/4" concentric knockouts (TKOs) on side walls positioned to allow for straight conduit runs
- Top Wiring: Four non-metallic (NM) wire traps and two 1/2" eccentric knockouts (KOs)
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NC cable
- For precise positioning, V notches facilitate the use of laser lines or guide strings
- Meets UL514A Metallic Outlet Box and is suitable for use in fire-rated ceiling construction that requires up to 2-hour protection per International Building Code Section 714

### Vertical Adjustment

- J-box housing adjusts vertically to accommodate 1/2" to 1-1/4" thick ceilings and locks into position from inside the j-box housing

### Bar Hangers

- All-Nail!™ captive preinstalled nail and integral T-grid clips allow for single-person mounting
- Heavy-duty bars support the j-box housing at any point along the span
- Pass-N-Thru™ feature for toolless shortening in tight spaces (7" to 24")
- Score lines allow for toolless shortening for joist spacing of <12"
- The safety and guidance system prevents snagging, ensures smooth straight nail penetration, and allows bar hangers to be easily removed and repositioned

### Trim Retention

- The cylindrical collar shape designed to accept 4" Recessed LED Trims (friction blades or Push-N-Twist mounting)
- Install from below the ceiling design
- LED retrofit trims/modules mount securely to the j-box housing and allow for 360° rotation
- Installer must ensure compatibility of fit, wiring, and proper mounting in the electrical junction box (This includes all applicable national and local electrical and building codes NEMA LSD 57 2013) .

### Surface Mount Installation

- Designed to accept all Surface Mount fixtures that mount to a 4" junction box
- Install from below the ceiling design
- Installer must ensure compatibility of fit, wiring, and proper mounting in the electrical junction box (This includes all applicable national and local electrical and building codes NEMA LSD 57 2013).

### Wiring & Connector

- The included orange 2-conductor LED Quick Connect is rated for 120/277V and works with HALO LED Trims/Modules (CJT Type)
- **CAUTION** – verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician.
- If required, the j-box housing provides a ground wire for attachment to LED trims/modules.
- As with any electrical installation, a qualified electrician must ensure compatibility of use with a particular LED trim/module or surface mount fixture. This includes all applicable national and local electrical and building codes. The installer is responsible for properly and securely retaining the LED trim/module or surface mount fixture in the j-box housing during installation.

### Compliance

- cULus-listed for use with LED retrofit kits. See the instruction sheet for conditions of acceptability.
- Suitable for direct contact with air-permeable insulation. (Not to be used in direct contact with spray foam insulation.)
- Suitable wet locations when used with LED trims/modules or surface mount fixtures that are wet location listed.
- Airtight per ASTM-E283-04 when used with AIR-TITE certified LED trims/modules or surface mount fixtures.
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS-compliant
- Can be used for the State of California Title 24 high-efficacy LED compliance under JA8 when used with T24-listed LED trims/modules or surface mount fixtures. Reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High-Efficacy Lighting.
- ENERGY STAR® certified when used with LED trims/modules or surface mount fixtures that are ENERGY STAR® certified. Reference Certified Light Fixtures database.

### Warranty

- One year limited warranty, consult website for details. [www.cooperlighting.com/warranty](http://www.cooperlighting.com/warranty)